Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F0	0.5979	ENVOLVENTE	Combination	Max	-14.48	0.	0.	0.
2F0	0.	ENVOLVENTE	Combination	Min	-42.734	0.	0.	0.
2F0	0.29895	ENVOLVENTE	Combination	Min	-42.718	0.	0.	0.
2F0	0.5979	ENVOLVENTE	Combination	Min	-42.702	0.	0.	0.
2F1	0.	COMB1	Combination		241.933	4.111	0.	0.
2F1	0.615	COMB1	Combination		241.957	4.205	0.	0.
2F1	1.22999	COMB1	Combination		241.981	4.3	0.	0.
2F1	0.	COMB2	Combination		294.39	5.039	0.	0.
2F1	0.615	COMB2	Combination		294.41	5.12	0.	0.
2F1	1.22999	COMB2	Combination		294.43	5.201	0.	0.
2F1	0.	COMB3	Combination		207.372	3.524	0.	0.
2F1	0.615	COMB3	Combination		207.392	3.605	0.	0.
2F1	1.22999	COMB3	Combination		207.412	3.685	0.	0.
2F1	0.	COMB4	Combination		605.91	10.465	0.	0.
2F1	0.615	COMB4	Combination		605.931	10.546	0.	0.
2F1	1.22999	COMB4	Combination		605.951	10.626	0.	0.
2F1	0.	COMB5	Combination		327.452	5.615	0.	0.
2F1	0.615	COMB5	Combination		327.472	5.696	0.	0.
2F1	1.22999	COMB5	Combination		327.492	5.777	0.	0.
2F1	0.	COMB6	Combination		605.91	10.465	0.	0.
2F1	0.615	COMB6	Combination		605.931	10.546	0.	0.
2F1	1.22999	COMB6	Combination		605.951	10.626	0.	0.
2F1	0.	COMB7	Combination		327.452	5.615	0.	0.
2F1	0.615	COMB7	Combination		327.472	5.696	0.	0.
2F1	1.22999	COMB7	Combination		327.492	5.777	0.	0.
2F1	0.	COMB8	Combination		534.55	9.222	0.	0.
2F1	0.615	COMB8	Combination		534.57	9.303	0.	0.
2F1	1.22999	COMB8	Combination		534.591	9.383	0.	0.
2F1	0.	COMB9	Combination		447.532	7.707	0.	0.
2F1	0.615	COMB9	Combination		447.552	7.787	0.	0.
2F1	1.22999	COMB9	Combination		447.572	7.868	0.	0.
2F1	0.	COMB10	Combination		534.55	9.222	0.	0.
2F1	0.615	COMB10	Combination		534.57	9.303	0.	0.
2F1	1.22999	COMB10	Combination		534.591	9.383	0.	0.
2F1	0.	COMB11	Combination		447.532	7.707	0.	0.
2F1	0.615	COMB11	Combination		447.552	7.787	0.	0.
2F1	1.22999	COMB11	Combination		447.572	7.868	0.	0.
2F1	0.	COMB12	Combination		395.689	6.826	0.	0.
2F1	0.615	COMB12	Combination		395.704	6.886	0.	0.
2F1	1.22999	COMB12	Combination		395.719	6.947	0.	0.
2F1	0.	COMB13	Combination		395.689	6.826	0.	0.
2F1	0.615	COMB13	Combination		395.704	6.886	0.	0.
2F1	1.22999	COMB13	Combination		395.719	6.947	0.	0.
2F1	0.	ENVOLVENTE	Combination	Max	605.91	10.465	0.	0.
2F1	0.615	ENVOLVENTE	Combination	Max	605.931	10.546	0.	0.
2F1	1.22999	ENVOLVENTE	Combination	Max	605.951	10.626	0.	0.
2F1	0.	ENVOLVENTE	Combination	Min	207.372	3.524	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F1	0.615	ENVOLVENTE	Combination	Min	207.392	3.605	0.	0.
2F1	1.22999	ENVOLVENTE	Combination	Min	207.412	3.685	0.	0.
2F2	0.	COMB1	Combination		-15.119	0.	0.	0.
2F2	0.29896	COMB1	Combination		-15.1	0.	0.	0.
2F2	0.59793	COMB1	Combination		-15.082	0.	0.	0.
2F2	0.	COMB2	Combination		-18.461	0.	0.	0.
2F2	0.29896	COMB2	Combination		-18.445	0.	0.	0.
2F2	0.59793	COMB2	Combination		-18.429	0.	0.	0.
2F2	0.	COMB3	Combination		-12.959	0.	0.	0.
2F2	0.29896	COMB3	Combination		-12.943	0.	0.	0.
2F2	0.59793	COMB3	Combination		-12.927	0.	0.	0.
2F2	0.	COMB4	Combination		-38.156	0.	0.	0.
2F2	0.29896	COMB4	Combination		-38.14	0.	0.	0.
2F2	0.59793	COMB4	Combination		-38.124	0.	0.	0.
2F2	0.	COMB5	Combination		-20.551	0.	0.	0.
2F2	0.29896	COMB5	Combination		-20.535	0.	0.	0.
2F2	0.59793	COMB5	Combination		-20.519	0.	0.	0.
2F2	0.	COMB6	Combination		-38.156	0.	0.	0.
2F2	0.29896	COMB6	Combination		-38.14	0.	0.	0.
2F2	0.59793	COMB6	Combination		-38.124	0.	0.	0.
2F2	0.	COMB7	Combination		-20.551	0.	0.	0.
2F2	0.29896	COMB7	Combination		-20.535	0.	0.	0.
2F2	0.59793	COMB7	Combination		-20.519	0.	0.	0.
2F2	0.	COMB8	Combination		-33.644	0.	0.	0.
2F2	0.29896	COMB8	Combination		-33.628	0.	0.	0.
2F2	0.59793	COMB8	Combination		-33.612	0.	0.	0.
2F2	0.	COMB9	Combination		-28.143	0.	0.	0.
2F2	0.29896	COMB9	Combination		-28.127	0.	0.	0.
2F2	0.59793	COMB9	Combination		-28.111	0.	0.	0.
2F2	0.	COMB10	Combination		-33.644	0.	0.	0.
2F2	0.29896	COMB10	Combination		-33.628	0.	0.	0.
2F2	0.59793	COMB10	Combination		-33.612	0.	0.	0.
2F2	0.	COMB11	Combination		-28.143	0.	0.	0.
2F2	0.29896	COMB11	Combination		-28.127	0.	0.	0.
2F2	0.59793	COMB11	Combination		-28.111	0.	0.	0.
2F2	0.	COMB12	Combination		-24.903	0.	0.	0.
2F2	0.29896	COMB12	Combination		-24.891	0.	0.	0.
2F2	0.59793	COMB12	Combination		-24.879	0.	0.	0.
2F2	0.	COMB13	Combination		-24.903	0.	0.	0.
2F2	0.29896	COMB13	Combination		-24.891	0.	0.	0.
2F2	0.59793	COMB13	Combination		-24.879	0.	0.	0.
2F2	0.	ENVOLVENTE	Combination	Max	-12.959	0.	0.	0.
2F2	0.29896	ENVOLVENTE	Combination	Max	-12.943	0.	0.	0.
2F2	0.59793	ENVOLVENTE	Combination	Max	-12.927	0.	0.	0.
2F2	0.	ENVOLVENTE	Combination	Min	-38.156	0.	0.	0.
2F2	0.29896	ENVOLVENTE	Combination	Min	-38.14	0.	0.	0.
2F2	0.59793	ENVOLVENTE	Combination	Min	-38.124	0.	0.	0.
2F3	0.	COMB1	Combination		277.749	-0.048	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F3	0.90631	COMB1	Combination		277.78	-1.037E-17	0.	0.
2F3	1.81262	COMB1	Combination		277.811	0.048	0.	0.
2F3	0.	COMB2	Combination		337.972	-0.041	0.	0.
2F3	0.90631	COMB2	Combination		337.998	-8.889E-18	0.	0.
2F3	1.81262	COMB2	Combination		338.025	0.041	0.	0.
2F3	0.	COMB3	Combination		238.071	-0.041	0.	0.
2F3	0.90631	COMB3	Combination		238.097	-8.889E-18	0.	0.
2F3	1.81262	COMB3	Combination		238.124	0.041	0.	0.
2F3	0.	COMB4	Combination		695.612	-0.041	0.	0.
2F3	0.90631	COMB4	Combination		695.638	-8.889E-18	0.	0.
2F3	1.81262	COMB4	Combination		695.664	0.041	0.	0.
2F3	0.	COMB5	Combination		375.928	-0.041	0.	0.
2F3	0.90631	COMB5	Combination		375.955	-8.889E-18	0.	0.
2F3	1.81262	COMB5	Combination		375.981	0.041	0.	0.
2F3	0.	COMB6	Combination		695.612	-0.041	0.	0.
2F3	0.90631	COMB6	Combination		695.638	-8.889E-18	0.	0.
2F3	1.81262	COMB6	Combination		695.664	0.041	0.	0.
2F3	0.	COMB7	Combination		375.928	-0.041	0.	0.
2F3	0.90631	COMB7	Combination		375.955	-8.889E-18	0.	0.
2F3	1.81262	COMB7	Combination		375.981	0.041	0.	0.
2F3	0.	COMB8	Combination		613.687	-0.041	0.	0.
2F3	0.90631	COMB8	Combination		613.713	-8.889E-18	0.	0.
2F3	1.81262	COMB8	Combination		613.739	0.041	0.	0.
2F3	0.	COMB9	Combination		513.786	-0.041	0.	0.
2F3	0.90631	COMB9	Combination		513.812	-8.889E-18	0.	0.
2F3	1.81262	COMB9	Combination		513.838	0.041	0.	0.
2F3	0.	COMB10	Combination		613.687	-0.041	0.	0.
2F3	0.90631	COMB10	Combination		613.713	-8.889E-18	0.	0.
2F3	1.81262	COMB10	Combination		613.739	0.041	0.	0.
2F3	0.	COMB11	Combination		513.786	-0.041	0.	0.
2F3	0.90631	COMB11	Combination		513.812	-8.889E-18	0.	0.
2F3	1.81262	COMB11	Combination		513.838	0.041	0.	0.
2F3	0.	COMB12	Combination		454.268	-0.031	0.	0.
2F3	0.90631	COMB12	Combination		454.288	-6.667E-18	0.	0.
2F3	1.81262	COMB12	Combination		454.307	0.031	0.	0.
2F3	0.	COMB13	Combination		454.268	-0.031	0.	0.
2F3	0.90631	COMB13	Combination		454.288	-6.667E-18	0.	0.
2F3	1.81262	COMB13	Combination		454.307	0.031	0.	0.
2F3	0.	ENVOLVENTE	Combination	Max	695.612	-0.031	0.	0.
2F3	0.90631	ENVOLVENTE	Combination	Max	695.638	-6.667E-18	0.	0.
2F3	1.81262	ENVOLVENTE	Combination	Max	695.664	0.048	0.	0.
2F3	0.	ENVOLVENTE	Combination	Min	238.071	-0.048	0.	0.
2F3	0.90631	ENVOLVENTE	Combination	Min	238.097	-1.037E-17	0.	0.
2F3	1.81262	ENVOLVENTE	Combination	Min	238.124	0.031	0.	0.
2F4	0.	COMB1	Combination		-235.633	21.665	0.	0.
2F4	0.59101	COMB1	Combination		-231.463	37.22	0.	0.
2F4	1.18202	COMB1	Combination		-227.294	52.775	0.	0.
2F4	0.	COMB2	Combination		-286.723	26.326	0.	0.
2F4	0.59101	COMB2	Combination		-281.639	45.293	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F4	1.18202	COMB2	Combination		-276.556	64.26	0.	0.
2F4	0.	COMB3	Combination		-201.971	18.57	0.	0.
2F4	0.59101	COMB3	Combination		-198.397	31.903	0.	0.
2F4	1.18202	COMB3	Combination		-194.824	45.236	0.	0.
2F4	0.	COMB4	Combination		-590.132	54.089	0.	0.
2F4	0.59101	COMB4	Combination		-579.641	93.227	0.	0.
2F4	1.18202	COMB4	Combination		-569.151	132.365	0.	0.
2F4	0.	COMB5	Combination		-318.924	29.272	0.	0.
2F4	0.59101	COMB5	Combination		-313.266	50.38	0.	0.
2F4	1.18202	COMB5	Combination		-307.609	71.488	0.	0.
2F4	0.	COMB6	Combination		-590.132	54.089	0.	0.
2F4	0.59101	COMB6	Combination		-579.641	93.227	0.	0.
2F4	1.18202	COMB6	Combination		-569.151	132.365	0.	0.
2F4	0.	COMB7	Combination		-318.924	29.272	0.	0.
2F4	0.59101	COMB7	Combination		-313.266	50.38	0.	0.
2F4	1.18202	COMB7	Combination		-307.609	71.488	0.	0.
2F4	0.	COMB8	Combination		-520.629	47.729	0.	0.
2F4	0.59101	COMB8	Combination		-511.378	82.246	0.	0.
2F4	1.18202	COMB8	Combination		-502.126	116.764	0.	0.
2F4	0.	COMB9	Combination		-435.877	39.974	0.	0.
2F4	0.59101	COMB9	Combination		-428.136	68.857	0.	0.
2F4	1.18202	COMB9	Combination		-420.394	97.74	0.	0.
2F4	0.	COMB10	Combination		-520.629	47.729	0.	0.
2F4	0.59101	COMB10	Combination		-511.378	82.246	0.	0.
2F4	1.18202	COMB10	Combination		-502.126	116.764	0.	0.
2F4	0.	COMB11	Combination		-435.877	39.974	0.	0.
2F4	0.59101	COMB11	Combination		-428.136	68.857	0.	0.
2F4	1.18202	COMB11	Combination		-420.394	97.74	0.	0.
2F4	0.	COMB12	Combination		-385.384	35.331	0.	0.
2F4	0.59101	COMB12	Combination		-378.536	60.881	0.	0.
2F4	1.18202	COMB12	Combination		-371.688	86.431	0.	0.
2F4	0.	COMB13	Combination		-385.384	35.331	0.	0.
2F4	0.59101	COMB13	Combination		-378.536	60.881	0.	0.
2F4	1.18202	COMB13	Combination		-371.688	86.431	0.	0.
2F4	0.	ENVOLVENTE	Combination	Max	-201.971	54.089	0.	0.
2F4	0.59101	ENVOLVENTE	Combination	Max	-198.397	93.227	0.	0.
2F4	1.18202	ENVOLVENTE	Combination	Max	-194.824	132.365	0.	0.
2F4	0.	ENVOLVENTE	Combination	Min	-590.132	18.57	0.	0.
2F4	0.59101	ENVOLVENTE	Combination	Min	-579.641	31.903	0.	0.
2F4	1.18202	ENVOLVENTE	Combination	Min	-569.151	45.236	0.	0.
2F5	0.	COMB1	Combination		-249.465	-28.859	0.	0.
2F5	0.5682	COMB1	Combination		-245.488	-13.896	0.	0.
2F5	1.13641	COMB1	Combination		-241.511	1.066	0.	0.
2F5	0.	COMB2	Combination		-303.556	-35.157	0.	0.
2F5	0.5682	COMB2	Combination		-298.707	-16.912	0.	0.
2F5	1.13641	COMB2	Combination		-293.857	1.333	0.	0.
2F5	0.	COMB3	Combination		-213.827	-24.737	0.	0.
2F5	0.5682	COMB3	Combination		-210.418	-11.911	0.	0.
2F5	1.13641	COMB3	Combination		-207.01	0.914	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F5	0.	COMB4	Combination		-624.78	-72.464	0.	0.
2F5	0.5682	COMB4	Combination		-614.774	-34.815	0.	0.
2F5	1.13641	COMB4	Combination		-604.767	2.833	0.	0.
2F5	0.	COMB5	Combination		-337.648	-39.117	0.	0.
2F5	0.5682	COMB5	Combination		-332.251	-18.812	0.	0.
2F5	1.13641	COMB5	Combination		-326.854	1.492	0.	0.
2F5	0.	COMB6	Combination		-624.78	-72.464	0.	0.
2F5	0.5682	COMB6	Combination		-614.774	-34.815	0.	0.
2F5	1.13641	COMB6	Combination		-604.767	2.833	0.	0.
2F5	0.	COMB7	Combination		-337.648	-39.117	0.	0.
2F5	0.5682	COMB7	Combination		-332.251	-18.812	0.	0.
2F5	1.13641	COMB7	Combination		-326.854	1.492	0.	0.
2F5	0.	COMB8	Combination		-551.197	-63.918	0.	0.
2F5	0.5682	COMB8	Combination		-542.372	-30.714	0.	0.
2F5	1.13641	COMB8	Combination		-533.547	2.49	0.	0.
2F5	0.	COMB9	Combination		-461.468	-53.497	0.	0.
2F5	0.5682	COMB9	Combination		-454.083	-25.713	0.	0.
2F5	1.13641	COMB9	Combination		-446.699	2.071	0.	0.
2F5	0.	COMB10	Combination		-551.197	-63.918	0.	0.
2F5	0.5682	COMB10	Combination		-542.372	-30.714	0.	0.
2F5	1.13641	COMB10	Combination		-533.547	2.49	0.	0.
2F5	0.	COMB11	Combination		-461.468	-53.497	0.	0.
2F5	0.5682	COMB11	Combination		-454.083	-25.713	0.	0.
2F5	1.13641	COMB11	Combination		-446.699	2.071	0.	0.
2F5	0.	COMB12	Combination		-408.011	-47.313	0.	0.
2F5	0.5682	COMB12	Combination		-401.479	-22.735	0.	0.
2F5	1.13641	COMB12	Combination		-394.946	1.842	0.	0.
2F5	0.	COMB13	Combination		-408.011	-47.313	0.	0.
2F5	0.5682	COMB13	Combination		-401.479	-22.735	0.	0.
2F5	1.13641	COMB13	Combination		-394.946	1.842	0.	0.
2F5	0.	ENVOLVENTE	Combination	Max	-213.827	-24.737	0.	0.
2F5	0.5682	ENVOLVENTE	Combination	Max	-210.418	-11.911	0.	0.
2F5	1.13641	ENVOLVENTE	Combination	Max	-207.01	2.833	0.	0.
2F5	0.	ENVOLVENTE	Combination	Min	-624.78	-72.464	0.	0.
2F5	0.5682	ENVOLVENTE	Combination	Min	-614.774	-34.815	0.	0.
2F5	1.13641	ENVOLVENTE	Combination	Min	-604.767	0.914	0.	0.
2F6	0.	COMB1	Combination		-252.095	-44.669	0.	0.
2F6	0.615	COMB1	Combination		-248.022	-28.414	0.	0.
2F6	1.22999	COMB1	Combination		-243.95	-12.159	0.	0.
2F6	0.	COMB2	Combination		-306.755	-54.396	0.	0.
2F6	0.615	COMB2	Combination		-301.79	-34.575	0.	0.
2F6	1.22999	COMB2	Combination		-296.824	-14.754	0.	0.
2F6	0.	COMB3	Combination		-216.081	-38.288	0.	0.
2F6	0.615	COMB3	Combination		-212.59	-24.355	0.	0.
2F6	1.22999	COMB3	Combination		-209.1	-10.422	0.	0.
2F6	0.	COMB4	Combination		-631.364	-112.062	0.	0.
2F6	0.615	COMB4	Combination		-621.117	-71.163	0.	0.
2F6	1.22999	COMB4	Combination		-610.871	-30.263	0.	0.
2F6	0.	COMB5	Combination		-341.206	-60.516	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F6	0.615	COMB5	Combination		-335.68	-38.458	0.	0.
2F6	1.22999	COMB5	Combination		-330.154	-16.4	0.	0.
2F6	0.	COMB6	Combination		-631.364	-112.062	0.	0.
2F6	0.615	COMB6	Combination		-621.117	-71.163	0.	0.
2F6	1.22999	COMB6	Combination		-610.871	-30.263	0.	0.
2F6	0.	COMB7	Combination		-341.206	-60.516	0.	0.
2F6	0.615	COMB7	Combination		-335.68	-38.458	0.	0.
2F6	1.22999	COMB7	Combination		-330.154	-16.4	0.	0.
2F6	0.	COMB8	Combination		-557.006	-98.853	0.	0.
2F6	0.615	COMB8	Combination		-547.969	-62.782	0.	0.
2F6	1.22999	COMB8	Combination		-538.932	-26.71	0.	0.
2F6	0.	COMB9	Combination		-466.331	-82.744	0.	0.
2F6	0.615	COMB9	Combination		-458.769	-52.561	0.	0.
2F6	1.22999	COMB9	Combination		-451.208	-22.378	0.	0.
2F6	0.	COMB10	Combination		-557.006	-98.853	0.	0.
2F6	0.615	COMB10	Combination		-547.969	-62.782	0.	0.
2F6	1.22999	COMB10	Combination		-538.932	-26.71	0.	0.
2F6	0.	COMB11	Combination		-466.331	-82.744	0.	0.
2F6	0.615	COMB11	Combination		-458.769	-52.561	0.	0.
2F6	1.22999	COMB11	Combination		-451.208	-22.378	0.	0.
2F6	0.	COMB12	Combination		-412.311	-73.172	0.	0.
2F6	0.615	COMB12	Combination		-405.622	-46.473	0.	0.
2F6	1.22999	COMB12	Combination		-398.933	-19.773	0.	0.
2F6	0.	COMB13	Combination		-412.311	-73.172	0.	0.
2F6	0.615	COMB13	Combination		-405.622	-46.473	0.	0.
2F6	1.22999	COMB13	Combination		-398.933	-19.773	0.	0.
2F6	0.	ENVOLVENTE	Combination	Max	-216.081	-38.288	0.	0.
2F6	0.615	ENVOLVENTE	Combination	Max	-212.59	-24.355	0.	0.
2F6	1.22999	ENVOLVENTE	Combination	Max	-209.1	-10.422	0.	0.
2F6	0.	ENVOLVENTE	Combination	Min	-631.364	-112.062	0.	0.
2F6	0.615	ENVOLVENTE	Combination	Min	-621.117	-71.163	0.	0.
2F6	1.22999	ENVOLVENTE	Combination	Min	-610.871	-30.263	0.	0.
2F7	0.	COMB1	Combination		-248.11	-28.746	0.	0.
2F7	0.615	COMB1	Combination		-244.037	-12.491	0.	0.
2F7	1.23001	COMB1	Combination		-239.963	3.764	0.	0.
2F7	0.	COMB2	Combination		-301.906	-35.019	0.	0.
2F7	0.615	COMB2	Combination		-296.94	-15.199	0.	0.
2F7	1.23001	COMB2	Combination		-291.973	4.622	0.	0.
2F7	0.	COMB3	Combination		-212.666	-24.639	0.	0.
2F7	0.615	COMB3	Combination		-209.174	-10.707	0.	0.
2F7	1.23001	COMB3	Combination		-205.683	3.226	0.	0.
2F7	0.	COMB4	Combination		-621.384	-72.18	0.	0.
2F7	0.615	COMB4	Combination		-611.135	-31.28	0.	0.
2F7	1.23001	COMB4	Combination		-600.886	9.619	0.	0.
2F7	0.	COMB5	Combination		-335.813	-38.963	0.	0.
2F7	0.615	COMB5	Combination		-330.285	-16.905	0.	0.
2F7	1.23001	COMB5	Combination		-324.758	5.152	0.	0.
2F7	0.	COMB6	Combination		-621.384	-72.18	0.	0.
2F7	0.615	COMB6	Combination		-611.135	-31.28	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F7	1.23001	COMB6	Combination		-600.886	9.619	0.	0.
2F7	0.	COMB7	Combination		-335.813	-38.963	0.	0.
2F7	0.615	COMB7	Combination		-330.285	-16.905	0.	0.
2F7	1.23001	COMB7	Combination		-324.758	5.152	0.	0.
2F7	0.	COMB8	Combination		-548.201	-63.668	0.	0.
2F7	0.615	COMB8	Combination		-539.162	-27.597	0.	0.
2F7	1.23001	COMB8	Combination		-530.123	8.475	0.	0.
2F7	0.	COMB9	Combination		-458.96	-53.287	0.	0.
2F7	0.615	COMB9	Combination		-451.396	-23.104	0.	0.
2F7	1.23001	COMB9	Combination		-443.833	7.079	0.	0.
2F7	0.	COMB10	Combination		-548.201	-63.668	0.	0.
2F7	0.615	COMB10	Combination		-539.162	-27.597	0.	0.
2F7	1.23001	COMB10	Combination		-530.123	8.475	0.	0.
2F7	0.	COMB11	Combination		-458.96	-53.287	0.	0.
2F7	0.615	COMB11	Combination		-451.396	-23.104	0.	0.
2F7	1.23001	COMB11	Combination		-443.833	7.079	0.	0.
2F7	0.	COMB12	Combination		-405.793	-47.128	0.	0.
2F7	0.615	COMB12	Combination		-399.103	-20.428	0.	0.
2F7	1.23001	COMB12	Combination		-392.412	6.272	0.	0.
2F7	0.	COMB13	Combination		-405.793	-47.128	0.	0.
2F7	0.615	COMB13	Combination		-399.103	-20.428	0.	0.
2F7	1.23001	COMB13	Combination		-392.412	6.272	0.	0.
2F7	0.	ENVOLVENTE	Combination	Max	-212.666	-24.639	0.	0.
2F7	0.615	ENVOLVENTE	Combination	Max	-209.174	-10.707	0.	0.
2F7	1.23001	ENVOLVENTE	Combination	Max	-205.683	9.619	0.	0.
2F7	0.	ENVOLVENTE	Combination	Min	-621.384	-72.18	0.	0.
2F7	0.615	ENVOLVENTE	Combination	Min	-611.135	-31.28	0.	0.
2F7	1.23001	ENVOLVENTE	Combination	Min	-600.886	3.226	0.	0.
2F8	0.	COMB1	Combination		-244.069	-12.628	0.	0.
2F8	0.615	COMB1	Combination		-239.996	3.627	0.	0.
2F8	1.23	COMB1	Combination		-235.923	19.881	0.	0.
2F8	0.	COMB2	Combination		-296.99	-15.408	0.	0.
2F8	0.615	COMB2	Combination		-292.024	4.413	0.	0.
2F8	1.23	COMB2	Combination		-287.057	24.234	0.	0.
2F8	0.	COMB3	Combination		-209.202	-10.824	0.	0.
2F8	0.615	COMB3	Combination		-205.711	3.108	0.	0.
2F8	1.23	COMB3	Combination		-202.22	17.041	0.	0.
2F8	0.	COMB4	Combination		-611.265	-31.817	0.	0.
2F8	0.615	COMB4	Combination		-601.017	9.082	0.	0.
2F8	1.23	COMB4	Combination		-590.769	49.982	0.	0.
2F8	0.	COMB5	Combination		-330.344	-17.15	0.	0.
2F8	0.615	COMB5	Combination		-324.817	4.908	0.	0.
2F8	1.23	COMB5	Combination		-319.29	26.966	0.	0.
2F8	0.	COMB6	Combination		-611.265	-31.817	0.	0.
2F8	0.615	COMB6	Combination		-601.017	9.082	0.	0.
2F8	1.23	COMB6	Combination		-590.769	49.982	0.	0.
2F8	0.	COMB7	Combination		-330.344	-17.15	0.	0.
2F8	0.615	COMB7	Combination		-324.817	4.908	0.	0.
2F8	1.23	COMB7	Combination		-319.29	26.966	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F8	0.	COMB8	Combination		-539.273	-28.059	0.	0.
2F8	0.615	COMB8	Combination		-530.235	8.013	0.	0.
2F8	1.23	COMB8	Combination		-521.197	44.084	0.	0.
2F8	0.	COMB9	Combination		-451.486	-23.475	0.	0.
2F8	0.615	COMB9	Combination		-443.923	6.708	0.	0.
2F8	1.23	COMB9	Combination		-436.36	36.891	0.	0.
2F8	0.	COMB10	Combination		-539.273	-28.059	0.	0.
2F8	0.615	COMB10	Combination		-530.235	8.013	0.	0.
2F8	1.23	COMB10	Combination		-521.197	44.084	0.	0.
2F8	0.	COMB11	Combination		-451.486	-23.475	0.	0.
2F8	0.615	COMB11	Combination		-443.923	6.708	0.	0.
2F8	1.23	COMB11	Combination		-436.36	36.891	0.	0.
2F8	0.	COMB12	Combination		-399.185	-20.769	0.	0.
2F8	0.615	COMB12	Combination		-392.495	5.931	0.	0.
2F8	1.23	COMB12	Combination		-385.805	32.631	0.	0.
2F8	0.	COMB13	Combination		-399.185	-20.769	0.	0.
2F8	0.615	COMB13	Combination		-392.495	5.931	0.	0.
2F8	1.23	COMB13	Combination		-385.805	32.631	0.	0.
2F8	0.	ENVOLVENTE	Combination	Max	-209.202	-10.824	0.	0.
2F8	0.615	ENVOLVENTE	Combination	Max	-205.711	9.082	0.	0.
2F8	1.23	ENVOLVENTE	Combination	Max	-202.22	49.982	0.	0.
2F8	0.	ENVOLVENTE	Combination	Min	-611.265	-31.817	0.	0.
2F8	0.615	ENVOLVENTE	Combination	Min	-601.017	3.108	0.	0.
2F8	1.23	ENVOLVENTE	Combination	Min	-590.769	17.041	0.	0.
2F9	0.	COMB1	Combination		-239.589	5.252	0.	0.
2F9	0.62634	COMB1	Combination		-235.441	21.807	0.	0.
2F9	1.25268	COMB1	Combination		-231.293	38.361	0.	0.
2F9	0.	COMB2	Combination		-291.536	6.358	0.	0.
2F9	0.62634	COMB2	Combination		-286.478	26.544	0.	0.
2F9	1.25268	COMB2	Combination		-281.42	46.73	0.	0.
2F9	0.	COMB3	Combination		-205.362	4.502	0.	0.
2F9	0.62634	COMB3	Combination		-201.807	18.691	0.	0.
2F9	1.25268	COMB3	Combination		-198.251	32.881	0.	0.
2F9	0.	COMB4	Combination		-600.035	13.001	0.	0.
2F9	0.62634	COMB4	Combination		-589.598	54.655	0.	0.
2F9	1.25268	COMB4	Combination		-579.161	96.309	0.	0.
2F9	0.	COMB5	Combination		-324.277	7.063	0.	0.
2F9	0.62634	COMB5	Combination		-318.648	29.527	0.	0.
2F9	1.25268	COMB5	Combination		-313.02	51.992	0.	0.
2F9	0.	COMB6	Combination		-600.035	13.001	0.	0.
2F9	0.62634	COMB6	Combination		-589.598	54.655	0.	0.
2F9	1.25268	COMB6	Combination		-579.161	96.309	0.	0.
2F9	0.	COMB7	Combination		-324.277	7.063	0.	0.
2F9	0.62634	COMB7	Combination		-318.648	29.527	0.	0.
2F9	1.25268	COMB7	Combination		-313.02	51.992	0.	0.
2F9	0.	COMB8	Combination		-529.367	11.479	0.	0.
2F9	0.62634	COMB8	Combination		-520.162	48.215	0.	0.
2F9	1.25268	COMB8	Combination		-510.957	84.952	0.	0.
2F9	0.	COMB9	Combination		-443.192	9.624	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F9	0.62634	COMB9	Combination		-435.49	40.363	0.	0.
2F9	1.25268	COMB9	Combination		-427.788	71.103	0.	0.
2F9	0.	COMB10	Combination		-529.367	11.479	0.	0.
2F9	0.62634	COMB10	Combination		-520.162	48.215	0.	0.
2F9	1.25268	COMB10	Combination		-510.957	84.952	0.	0.
2F9	0.	COMB11	Combination		-443.192	9.624	0.	0.
2F9	0.62634	COMB11	Combination		-435.49	40.363	0.	0.
2F9	1.25268	COMB11	Combination		-427.788	71.103	0.	0.
2F9	0.	COMB12	Combination		-391.852	8.498	0.	0.
2F9	0.62634	COMB12	Combination		-385.039	35.69	0.	0.
2F9	1.25268	COMB12	Combination		-378.225	62.882	0.	0.
2F9	0.	COMB13	Combination		-391.852	8.498	0.	0.
2F9	0.62634	COMB13	Combination		-385.039	35.69	0.	0.
2F9	1.25268	COMB13	Combination		-378.225	62.882	0.	0.
2F9	0.	ENVOLVENTE	Combination	Max	-205.362	13.001	0.	0.
2F9	0.62634	ENVOLVENTE	Combination	Max	-201.807	54.655	0.	0.
2F9	1.25268	ENVOLVENTE	Combination	Max	-198.251	96.309	0.	0.
2F9	0.	ENVOLVENTE	Combination	Min	-600.035	4.502	0.	0.
2F9	0.62634	ENVOLVENTE	Combination	Min	-589.598	18.691	0.	0.
2F9	1.25268	ENVOLVENTE	Combination	Min	-579.161	32.881	0.	0.
2FA	0.	COMB1	Combination		-247.902	-27.925	0.	0.
2FA	0.786	COMB1	Combination		-242.697	-7.151	0.	0.
2FA	1.572	COMB1	Combination		-237.491	13.624	0.	0.
2FA	0.	COMB2	Combination		-301.659	-34.045	0.	0.
2FA	0.786	COMB2	Combination		-295.312	-8.713	0.	0.
2FA	1.572	COMB2	Combination		-288.965	16.619	0.	0.
2FA	0.	COMB3	Combination		-212.487	-23.936	0.	0.
2FA	0.786	COMB3	Combination		-208.026	-6.129	0.	0.
2FA	1.572	COMB3	Combination		-203.564	11.678	0.	0.
2FA	0.	COMB4	Combination		-620.89	-70.234	0.	0.
2FA	0.786	COMB4	Combination		-607.793	-17.962	0.	0.
2FA	1.572	COMB4	Combination		-594.696	34.309	0.	0.
2FA	0.	COMB5	Combination		-335.539	-37.885	0.	0.
2FA	0.786	COMB5	Combination		-328.476	-9.694	0.	0.
2FA	1.572	COMB5	Combination		-321.412	18.497	0.	0.
2FA	0.	COMB6	Combination		-620.89	-70.234	0.	0.
2FA	0.786	COMB6	Combination		-607.793	-17.962	0.	0.
2FA	1.572	COMB6	Combination		-594.696	34.309	0.	0.
2FA	0.	COMB7	Combination		-335.539	-37.885	0.	0.
2FA	0.786	COMB7	Combination		-328.476	-9.694	0.	0.
2FA	1.572	COMB7	Combination		-321.412	18.497	0.	0.
2FA	0.	COMB8	Combination		-547.764	-61.944	0.	0.
2FA	0.786	COMB8	Combination		-536.213	-15.844	0.	0.
2FA	1.572	COMB8	Combination		-524.662	30.257	0.	0.
2FA	0.	COMB9	Combination		-458.592	-51.835	0.	0.
2FA	0.786	COMB9	Combination		-448.926	-13.26	0.	0.
2FA	1.572	COMB9	Combination		-439.261	25.315	0.	0.
2FA	0.	COMB10	Combination		-547.764	-61.944	0.	0.
2FA	0.786	COMB10	Combination		-536.213	-15.844	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2FA	1.572	COMB10	Combination		-524.662	30.257	0.	0.
2FA	0.	COMB11	Combination		-458.592	-51.835	0.	0.
2FA	0.786	COMB11	Combination		-448.926	-13.26	0.	0.
2FA	1.572	COMB11	Combination		-439.261	25.315	0.	0.
2FA	0.	COMB12	Combination		-405.47	-45.851	0.	0.
2FA	0.786	COMB12	Combination		-396.92	-11.728	0.	0.
2FA	1.572	COMB12	Combination		-388.37	22.396	0.	0.
2FA	0.	COMB13	Combination		-405.47	-45.851	0.	0.
2FA	0.786	COMB13	Combination		-396.92	-11.728	0.	0.
2FA	1.572	COMB13	Combination		-388.37	22.396	0.	0.
2FA	0.	ENVOLVENTE	Combination	Max	-212.487	-23.936	0.	0.
2FA	0.786	ENVOLVENTE	Combination	Max	-208.026	-6.129	0.	0.
2FA	1.572	ENVOLVENTE	Combination	Max	-203.564	34.309	0.	0.
2FA	0.	ENVOLVENTE	Combination	Min	-620.89	-70.234	0.	0.
2FA	0.786	ENVOLVENTE	Combination	Min	-607.793	-17.962	0.	0.
2FA	1.572	ENVOLVENTE	Combination	Min	-594.696	11.678	0.	0.

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2CB	0.	COMB1		0.	0.	2CB-1	0.
2CB	0.49	COMB1		0.	0.	2CB-1	0.49
2CB	0.98	COMB1		0.	0.	2CB-1	0.98
2CB	0.	COMB2		0.	0.	2CB-1	0.
2CB	0.49	COMB2		0.	0.	2CB-1	0.49
2CB	0.98	COMB2		0.	0.	2CB-1	0.98
2CB	0.	COMB3		0.	0.	2CB-1	0.
2CB	0.49	COMB3		0.	0.	2CB-1	0.49
2CB	0.98	COMB3		0.	0.	2CB-1	0.98
2CB	0.	COMB4		0.	0.	2CB-1	0.
2CB	0.49	COMB4		0.	0.	2CB-1	0.49
2CB	0.98	COMB4		0.	0.	2CB-1	0.98
2CB	0.	COMB5		0.	0.	2CB-1	0.
2CB	0.49	COMB5		0.	0.	2CB-1	0.49
2CB	0.98	COMB5		0.	0.	2CB-1	0.98
2CB	0.	COMB6		0.	0.	2CB-1	0.
2CB	0.49	COMB6		0.	0.	2CB-1	0.49
2CB	0.98	COMB6		0.	0.	2CB-1	0.98
2CB	0.	COMB7		0.	0.	2CB-1	0.
2CB	0.49	COMB7		0.	0.	2CB-1	0.49
2CB	0.98	COMB7		0.	0.	2CB-1	0.98
2CB	0.	COMB8		0.	0.	2CB-1	0.
2CB	0.49	COMB8		0.	0.	2CB-1	0.49
2CB	0.98	COMB8		0.	0.	2CB-1	0.98
2CB	0.	COMB9		0.	0.	2CB-1	0.
2CB	0.49	COMB9		0.	0.	2CB-1	0.49

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2CB	0.98	COMB9		0.	0.	2CB-1	0.98
2CB	0.	COMB10		0.	0.	2CB-1	0.
2CB	0.49	COMB10		0.	0.	2CB-1	0.49
2CB	0.98	COMB10		0.	0.	2CB-1	0.98
2CB	0.	COMB11		0.	0.	2CB-1	0.
2CB	0.49	COMB11		0.	0.	2CB-1	0.49
2CB	0.98	COMB11		0.	0.	2CB-1	0.98
2CB	0.	COMB12		0.	0.	2CB-1	0.
2CB	0.49	COMB12		0.	0.	2CB-1	0.49
2CB	0.98	COMB12		0.	0.	2CB-1	0.98
2CB	0.	COMB13		0.	0.	2CB-1	0.
2CB	0.49	COMB13		0.	0.	2CB-1	0.49
2CB	0.98	COMB13		0.	0.	2CB-1	0.98
2CB	0.	ENVOLVENTE	Max	0.	0.	2CB-1	0.
2CB	0.49	ENVOLVENTE	Max	0.	0.	2CB-1	0.49
2CB	0.98	ENVOLVENTE	Max	0.	0.	2CB-1	0.98
2CB	0.	ENVOLVENTE	Min	0.	0.	2CB-1	0.
2CB	0.49	ENVOLVENTE	Min	0.	0.	2CB-1	0.49
2CB	0.98	ENVOLVENTE	Min	0.	0.	2CB-1	0.98
2CC	0.	COMB1		0.	-5.0904	2CC-1	0.
2CC	0.38121	COMB1		0.	-3.7834	2CC-1	0.38121
2CC	0.76243	COMB1		0.	-2.4993	2CC-1	0.76243
2CC	1.14364	COMB1		0.	-1.2382	2CC-1	1.14364
2CC	1.52486	COMB1		0.	1.751E-14	2CC-1	1.52486
2CC	0.	COMB2		0.	-6.1842	2CC-1	0.
2CC	0.38121	COMB2		0.	-4.6087	2CC-1	0.38121
2CC	0.76243	COMB2		0.	-3.0528	2CC-1	0.76243
2CC	1.14364	COMB2		0.	-1.5166	2CC-1	1.14364
2CC	1.52486	COMB2		0.	2.277E-14	2CC-1	1.52486
2CC	0.	COMB3		0.	-4.3632	2CC-1	0.
2CC	0.38121	COMB3		0.	-3.2429	2CC-1	0.38121
2CC	0.76243	COMB3		0.	-2.1423	2CC-1	0.76243
2CC	1.14364	COMB3		0.	-1.0613	2CC-1	1.14364
2CC	1.52486	COMB3		0.	1.501E-14	2CC-1	1.52486
2CC	0.	COMB4		0.	-12.7033	2CC-1	0.
2CC	0.38121	COMB4		0.	-9.498	2CC-1	0.38121
2CC	0.76243	COMB4		0.	-6.3124	2CC-1	0.76243
2CC	1.14364	COMB4		0.	-3.1464	2CC-1	1.14364
2CC	1.52486	COMB4		0.	5.229E-14	2CC-1	1.52486
2CC	0.	COMB5		0.	-6.8761	2CC-1	0.
2CC	0.38121	COMB5		0.	-5.1276	2CC-1	0.38121
2CC	0.76243	COMB5		0.	-3.3987	2CC-1	0.76243
2CC	1.14364	COMB5		0.	-1.6895	2CC-1	1.14364
2CC	1.52486	COMB5		0.	2.744E-14	2CC-1	1.52486
2CC	0.	COMB6		0.	-12.7033	2CC-1	0.
2CC	0.38121	COMB6		0.	-9.498	2CC-1	0.38121
2CC	0.76243	COMB6		0.	-6.3124	2CC-1	0.76243
2CC	1.14364	COMB6		0.	-3.1464	2CC-1	1.14364
2CC	1.52486	COMB6		0.	5.229E-14	2CC-1	1.52486

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2CC	0.	COMB7		0.	-6.8761	2CC-1	0.
2CC	0.38121	COMB7		0.	-5.1276	2CC-1	0.38121
2CC	0.76243	COMB7		0.	-3.3987	2CC-1	0.76243
2CC	1.14364	COMB7		0.	-1.6895	2CC-1	1.14364
2CC	1.52486	COMB7		0.	2.744E-14	2CC-1	1.52486
2CC	0.	COMB8		0.	-11.21	2CC-1	0.
2CC	0.38121	COMB8		0.	-8.378	2CC-1	0.38121
2CC	0.76243	COMB8		0.	-5.5657	2CC-1	0.76243
2CC	1.14364	COMB8		0.	-2.773	2CC-1	1.14364
2CC	1.52486	COMB8		0.	4.764E-14	2CC-1	1.52486
2CC	0.	COMB9		0.	-9.389	2CC-1	0.
2CC	0.38121	COMB9		0.	-7.0122	2CC-1	0.38121
2CC	0.76243	COMB9		0.	-4.6552	2CC-1	0.76243
2CC	1.14364	COMB9		0.	-2.3178	2CC-1	1.14364
2CC	1.52486	COMB9		0.	3.987E-14	2CC-1	1.52486
2CC	0.	COMB10		0.	-11.21	2CC-1	0.
2CC	0.38121	COMB10		0.	-8.378	2CC-1	0.38121
2CC	0.76243	COMB10		0.	-5.5657	2CC-1	0.76243
2CC	1.14364	COMB10		0.	-2.773	2CC-1	1.14364
2CC	1.52486	COMB10		0.	4.764E-14	2CC-1	1.52486
2CC	0.	COMB11		0.	-9.389	2CC-1	0.
2CC	0.38121	COMB11		0.	-7.0122	2CC-1	0.38121
2CC	0.76243	COMB11		0.	-4.6552	2CC-1	0.76243
2CC	1.14364	COMB11		0.	-2.3178	2CC-1	1.14364
2CC	1.52486	COMB11		0.	3.987E-14	2CC-1	1.52486
2CC	0.	COMB12		0.	-8.2982	2CC-1	0.
2CC	0.38121	COMB12		0.	-6.2015	2CC-1	0.38121
2CC	0.76243	COMB12		0.	-4.1196	2CC-1	0.76243
2CC	1.14364	COMB12		0.	-2.0524	2CC-1	1.14364
2CC	1.52486	COMB12		0.	3.612E-14	2CC-1	1.52486
2CC	0.	COMB13		0.	-8.2982	2CC-1	0.
2CC	0.38121	COMB13		0.	-6.2015	2CC-1	0.38121
2CC	0.76243	COMB13		0.	-4.1196	2CC-1	0.76243
2CC	1.14364	COMB13		0.	-2.0524	2CC-1	1.14364
2CC	1.52486	COMB13		0.	3.612E-14	2CC-1	1.52486
2CC	0.	ENVOLVENTE	Max	0.	-4.3632	2CC-1	0.
2CC	0.38121	ENVOLVENTE	Max	0.	-3.2429	2CC-1	0.38121
2CC	0.76243	ENVOLVENTE	Max	0.	-2.1423	2CC-1	0.76243
2CC	1.14364	ENVOLVENTE	Max	0.	-1.0613	2CC-1	1.14364
2CC	1.52486	ENVOLVENTE	Max	0.	5.229E-14	2CC-1	1.52486
2CC	0.	ENVOLVENTE	Min	0.	-12.7033	2CC-1	0.
2CC	0.38121	ENVOLVENTE	Min	0.	-9.498	2CC-1	0.38121
2CC	0.76243	ENVOLVENTE	Min	0.	-6.3124	2CC-1	0.76243
2CC	1.14364	ENVOLVENTE	Min	0.	-3.1464	2CC-1	1.14364
2CC	1.52486	ENVOLVENTE	Min	0.	1.501E-14	2CC-1	1.52486
2CF	0.	COMB1		0.	0.	2CF-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2CF	0.29896	COMB1		0.	7.078E-17	2CF-1	0.29896
2CF	0.59793	COMB1		0.	0.	2CF-1	0.59793
2CF	0.	COMB2		0.	0.	2CF-1	0.
2CF	0.29896	COMB2		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB2		0.	0.	2CF-1	0.59793
2CF	0.	COMB3		0.	0.	2CF-1	0.
2CF	0.29896	COMB3		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB3		0.	0.	2CF-1	0.59793
2CF	0.	COMB4		0.	0.	2CF-1	0.
2CF	0.29896	COMB4		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB4		0.	0.	2CF-1	0.59793
2CF	0.	COMB5		0.	0.	2CF-1	0.
2CF	0.29896	COMB5		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB5		0.	0.	2CF-1	0.59793
2CF	0.	COMB6		0.	0.	2CF-1	0.
2CF	0.29896	COMB6		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB6		0.	0.	2CF-1	0.59793
2CF	0.	COMB7		0.	0.	2CF-1	0.
2CF	0.29896	COMB7		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB7		0.	0.	2CF-1	0.59793
2CF	0.	COMB8		0.	0.	2CF-1	0.
2CF	0.29896	COMB8		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB8		0.	0.	2CF-1	0.59793
2CF	0.	COMB9		0.	0.	2CF-1	0.
2CF	0.29896	COMB9		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB9		0.	0.	2CF-1	0.59793
2CF	0.	COMB10		0.	0.	2CF-1	0.
2CF	0.29896	COMB10		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB10		0.	0.	2CF-1	0.59793
2CF	0.	COMB11		0.	0.	2CF-1	0.
2CF	0.29896	COMB11		0.	6.067E-17	2CF-1	0.29896
2CF	0.59793	COMB11		0.	0.	2CF-1	0.59793
2CF	0.	COMB12		0.	0.	2CF-1	0.
2CF	0.29896	COMB12		0.	4.550E-17	2CF-1	0.29896
2CF	0.59793	COMB12		0.	0.	2CF-1	0.59793
2CF	0.	COMB13		0.	0.	2CF-1	0.
2CF	0.29896	COMB13		0.	4.550E-17	2CF-1	0.29896
2CF	0.59793	COMB13		0.	0.	2CF-1	0.59793
2CF	0.	ENVOLVENTE	Max	0.	0.	2CF-1	0.
2CF	0.29896	ENVOLVENTE	Max	0.	7.078E-17	2CF-1	0.29896
2CF	0.59793	ENVOLVENTE	Max	0.	0.	2CF-1	0.59793
2CF	0.	ENVOLVENTE	Min	0.	0.	2CF-1	0.
2CF	0.29896	ENVOLVENTE	Min	0.	4.550E-17	2CF-1	0.29896
2CF	0.59793	ENVOLVENTE	Min	0.	0.	2CF-1	0.59793
2DA	0.	COMB1		0.	-44.2169	2DA-1	0.
2DA	0.36667	COMB1		0.	-38.5503	2DA-1	0.36667
2DA	0.73333	COMB1		0.	-32.9048	2DA-1	0.73333
2DA	1.1	COMB1		0.	-27.2806	2DA-1	1.1
2DA	0.	COMB2		0.	-53.8012	2DA-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2DA	0.36667	COMB2		0.	-46.9121	2DA-1	0.36667
2DA	0.73333	COMB2		0.	-40.0411	2DA-1	0.73333
2DA	1.1	COMB2		0.	-33.1884	2DA-1	1.1
2DA	0.	COMB3		0.	-37.9002	2DA-1	0.
2DA	0.36667	COMB3		0.	-33.0431	2DA-1	0.36667
2DA	0.73333	COMB3		0.	-28.2041	2DA-1	0.73333
2DA	1.1	COMB3		0.	-23.3833	2DA-1	1.1
2DA	0.	COMB4		0.	-110.7257	2DA-1	0.
2DA	0.36667	COMB4		0.	-96.5622	2DA-1	0.36667
2DA	0.73333	COMB4		0.	-82.4169	2DA-1	0.73333
2DA	1.1	COMB4		0.	-68.2898	2DA-1	1.1
2DA	0.	COMB5		0.	-59.8426	2DA-1	0.
2DA	0.36667	COMB5		0.	-52.1814	2DA-1	0.36667
2DA	0.73333	COMB5		0.	-44.5385	2DA-1	0.73333
2DA	1.1	COMB5		0.	-36.9137	2DA-1	1.1
2DA	0.	COMB6		0.	-110.7257	2DA-1	0.
2DA	0.36667	COMB6		0.	-96.5622	2DA-1	0.36667
2DA	0.73333	COMB6		0.	-82.4169	2DA-1	0.73333
2DA	1.1	COMB6		0.	-68.2898	2DA-1	1.1
2DA	0.	COMB7		0.	-59.8426	2DA-1	0.
2DA	0.36667	COMB7		0.	-52.1814	2DA-1	0.36667
2DA	0.73333	COMB7		0.	-44.5385	2DA-1	0.73333
2DA	1.1	COMB7		0.	-36.9137	2DA-1	1.1
2DA	0.	COMB8		0.	-97.6859	2DA-1	0.
2DA	0.36667	COMB8		0.	-85.1888	2DA-1	0.36667
2DA	0.73333	COMB8		0.	-72.7099	2DA-1	0.73333
2DA	1.1	COMB8		0.	-60.2491	2DA-1	1.1
2DA	0.	COMB9		0.	-81.785	2DA-1	0.
2DA	0.36667	COMB9		0.	-71.3198	2DA-1	0.36667
2DA	0.73333	COMB9		0.	-60.8729	2DA-1	0.73333
2DA	1.1	COMB9		0.	-50.4441	2DA-1	1.1
2DA	0.	COMB10		0.	-97.6859	2DA-1	0.
2DA	0.36667	COMB10		0.	-85.1888	2DA-1	0.36667
2DA	0.73333	COMB10		0.	-72.7099	2DA-1	0.73333
2DA	1.1	COMB10		0.	-60.2491	2DA-1	1.1
2DA	0.	COMB11		0.	-81.785	2DA-1	0.
2DA	0.36667	COMB11		0.	-71.3198	2DA-1	0.36667
2DA	0.73333	COMB11		0.	-60.8729	2DA-1	0.73333
2DA	1.1	COMB11		0.	-50.4441	2DA-1	1.1
2DA	0.	COMB12		0.	-72.3099	2DA-1	0.
2DA	0.36667	COMB12		0.	-63.0591	2DA-1	0.36667
2DA	0.73333	COMB12		0.	-53.8218	2DA-1	0.73333
2DA	1.1	COMB12		0.	-44.5982	2DA-1	1.1
2DA	0.	COMB13		0.	-72.3099	2DA-1	0.
2DA	0.36667	COMB13		0.	-63.0591	2DA-1	0.36667
2DA	0.73333	COMB13		0.	-53.8218	2DA-1	0.73333
2DA	1.1	COMB13		0.	-44.5982	2DA-1	1.1
2DA	0.	ENVOLVENTE	Max	0.	-37.9002	2DA-1	0.
2DA	0.36667	ENVOLVENTE	Max	0.	-33.0431	2DA-1	0.36667
2DA	0.73333	ENVOLVENTE	Max	0.	-28.2041	2DA-1	0.73333
2DA	1.1	ENVOLVENTE	Max	0.	-23.3833	2DA-1	1.1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2DA	0.	ENVOLVENTE	Min	0.	-110.7257	2DA-1	0.
2DA	0.36667	ENVOLVENTE	Min	0.	-96.5622	2DA-1	0.36667
2DA	0.73333	ENVOLVENTE	Min	0.	-82.4169	2DA-1	0.73333
2DA	1.1	ENVOLVENTE	Min	0.	-68.2898	2DA-1	1.1
2DB	0.	COMB1		0.	1.5735	2DB-1	0.
2DB	0.38	COMB1		0.	-13.6672	2DB-1	0.38
2DB	0.76	COMB1		0.	-28.9307	2DB-1	0.76
2DB	1.14	COMB1		0.	-44.2169	2DB-1	1.14
2DB	0.	COMB2		0.	1.9219	2DB-1	0.
2DB	0.38	COMB2		0.	-16.6329	2DB-1	0.38
2DB	0.76	COMB2		0.	-35.2073	2DB-1	0.76
2DB	1.14	COMB2		0.	-53.8012	2DB-1	1.14
2DB	0.	COMB3		0.	1.3487	2DB-1	0.
2DB	0.38	COMB3		0.	-11.7147	2DB-1	0.38
2DB	0.76	COMB3		0.	-24.7977	2DB-1	0.76
2DB	1.14	COMB3		0.	-37.9002	2DB-1	1.14
2DB	0.	COMB4		0.	3.9739	2DB-1	0.
2DB	0.38	COMB4		0.	-34.2398	2DB-1	0.38
2DB	0.76	COMB4		0.	-72.473	2DB-1	0.76
2DB	1.14	COMB4		0.	-110.7257	2DB-1	1.14
2DB	0.	COMB5		0.	2.1397	2DB-1	0.
2DB	0.38	COMB5		0.	-18.5016	2DB-1	0.38
2DB	0.76	COMB5		0.	-39.1623	2DB-1	0.76
2DB	1.14	COMB5		0.	-59.8426	2DB-1	1.14
2DB	0.	COMB6		0.	3.9739	2DB-1	0.
2DB	0.38	COMB6		0.	-34.2398	2DB-1	0.38
2DB	0.76	COMB6		0.	-72.473	2DB-1	0.76
2DB	1.14	COMB6		0.	-110.7257	2DB-1	1.14
2DB	0.	COMB7		0.	2.1397	2DB-1	0.
2DB	0.38	COMB7		0.	-18.5016	2DB-1	0.38
2DB	0.76	COMB7		0.	-39.1623	2DB-1	0.76
2DB	1.14	COMB7		0.	-59.8426	2DB-1	1.14
2DB	0.	COMB8		0.	3.5039	2DB-1	0.
2DB	0.38	COMB8		0.	-30.2065	2DB-1	0.38
2DB	0.76	COMB8		0.	-63.9365	2DB-1	0.76
2DB	1.14	COMB8		0.	-97.6859	2DB-1	1.14
2DB	0.	COMB9		0.	2.9307	2DB-1	0.
2DB	0.38	COMB9		0.	-25.2884	2DB-1	0.38
2DB	0.76	COMB9		0.	-53.5269	2DB-1	0.76
2DB	1.14	COMB9		0.	-81.785	2DB-1	1.14
2DB	0.	COMB10		0.	3.5039	2DB-1	0.
2DB	0.38	COMB10		0.	-30.2065	2DB-1	0.38
2DB	0.76	COMB10		0.	-63.9365	2DB-1	0.76
2DB	1.14	COMB10		0.	-97.6859	2DB-1	1.14
2DB	0.	COMB11		0.	2.9307	2DB-1	0.
2DB	0.38	COMB11		0.	-25.2884	2DB-1	0.38
2DB	0.76	COMB11		0.	-53.5269	2DB-1	0.76
2DB	1.14	COMB11		0.	-81.785	2DB-1	1.14
2DB	0.	COMB12		0.	2.5935	2DB-1	0.
2DB	0.38	COMB12		0.	-22.3597	2DB-1	0.38
2DB	0.76	COMB12		0.	-47.3275	2DB-1	0.76

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2DB	1.14	COMB12		0.	-72.3099	2DB-1	1.14
2DB	0.	COMB13		0.	2.5935	2DB-1	0.
2DB	0.38	COMB13		0.	-22.3597	2DB-1	0.38
2DB	0.76	COMB13		0.	-47.3275	2DB-1	0.76
2DB	1.14	COMB13		0.	-72.3099	2DB-1	1.14
2DB	0.	ENVOLVENTE	Max	0.	3.9739	2DB-1	0.
2DB	0.38	ENVOLVENTE	Max	0.	-11.7147	2DB-1	0.38
2DB	0.76	ENVOLVENTE	Max	0.	-24.7977	2DB-1	0.76
2DB	1.14	ENVOLVENTE	Max	0.	-37.9002	2DB-1	1.14
2DB	0.	ENVOLVENTE	Min	0.	1.3487	2DB-1	0.
2DB	0.38	ENVOLVENTE	Min	0.	-34.2398	2DB-1	0.38
2DB	0.76	ENVOLVENTE	Min	0.	-72.473	2DB-1	0.76
2DB	1.14	ENVOLVENTE	Min	0.	-110.7257	2DB-1	1.14
2EA	0.	COMB1		0.	0.	2EA-1	0.
2EA	0.15301	COMB1		0.	4.131E-06	2EA-1	0.15301
2EA	0.30602	COMB1		0.	0.	2EA-1	0.30602
2EA	0.	COMB2		0.	0.	2EA-1	0.
2EA	0.15301	COMB2		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB2		0.	0.	2EA-1	0.30602
2EA	0.	COMB3		0.	0.	2EA-1	0.
2EA	0.15301	COMB3		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB3		0.	0.	2EA-1	0.30602
2EA	0.	COMB4		0.	0.	2EA-1	0.
2EA	0.15301	COMB4		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB4		0.	0.	2EA-1	0.30602
2EA	0.	COMB5		0.	0.	2EA-1	0.
2EA	0.15301	COMB5		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB5		0.	0.	2EA-1	0.30602
2EA	0.	COMB6		0.	0.	2EA-1	0.
2EA	0.15301	COMB6		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB6		0.	0.	2EA-1	0.30602
2EA	0.	COMB7		0.	0.	2EA-1	0.
2EA	0.15301	COMB7		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB7		0.	0.	2EA-1	0.30602
2EA	0.	COMB8		0.	0.	2EA-1	0.
2EA	0.15301	COMB8		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB8		0.	0.	2EA-1	0.30602
2EA	0.	COMB9		0.	0.	2EA-1	0.
2EA	0.15301	COMB9		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB9		0.	0.	2EA-1	0.30602
2EA	0.	COMB10		0.	0.	2EA-1	0.
2EA	0.15301	COMB10		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB10		0.	0.	2EA-1	0.30602
2EA	0.	COMB11		0.	0.	2EA-1	0.
2EA	0.15301	COMB11		0.	3.541E-06	2EA-1	0.15301
2EA	0.30602	COMB11		0.	0.	2EA-1	0.30602
2EA	0.	COMB12		0.	0.	2EA-1	0.
2EA	0.15301	COMB12		0.	2.656E-06	2EA-1	0.15301

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2EA	0.30602	COMB12		0.	0.	2EA-1	0.30602
2EA	0.	COMB13		0.	0.	2EA-1	0.
2EA	0.15301	COMB13		0.	2.656E-06	2EA-1	0.15301
2EA	0.30602	COMB13		0.	0.	2EA-1	0.30602
2EA	0.	ENVOLVENTE	Max	0.	0.	2EA-1	0.
2EA	0.15301	ENVOLVENTE	Max	0.	4.131E-06	2EA-1	0.15301
2EA	0.30602	ENVOLVENTE	Max	0.	0.	2EA-1	0.30602
2EA	0.	ENVOLVENTE	Min	0.	0.	2EA-1	0.
2EA	0.15301	ENVOLVENTE	Min	0.	2.656E-06	2EA-1	0.15301
2EA	0.30602	ENVOLVENTE	Min	0.	0.	2EA-1	0.30602
2EB	0.	COMB1		0.	18.7794	2EB-1	0.
2EB	0.62634	COMB1		0.	6.8745	2EB-1	0.62634
2EB	1.25268	COMB1		0.	-5.0904	2EB-1	1.25268
2EB	0.	COMB2		0.	22.8564	2EB-1	0.
2EB	0.62634	COMB2		0.	8.3618	2EB-1	0.62634
2EB	1.25268	COMB2		0.	-6.1842	2EB-1	1.25268
2EB	0.	COMB3		0.	16.0967	2EB-1	0.
2EB	0.62634	COMB3		0.	5.8925	2EB-1	0.62634
2EB	1.25268	COMB3		0.	-4.3632	2EB-1	1.25268
2EB	0.	COMB4		0.	47.0559	2EB-1	0.
2EB	0.62634	COMB4		0.	17.202	2EB-1	0.62634
2EB	1.25268	COMB4		0.	-12.7033	2EB-1	1.25268
2EB	0.	COMB5		0.	25.4247	2EB-1	0.
2EB	0.62634	COMB5		0.	9.3	2EB-1	0.62634
2EB	1.25268	COMB5		0.	-6.8761	2EB-1	1.25268
2EB	0.	COMB6		0.	47.0559	2EB-1	0.
2EB	0.62634	COMB6		0.	17.202	2EB-1	0.62634
2EB	1.25268	COMB6		0.	-12.7033	2EB-1	1.25268
2EB	0.	COMB7		0.	25.4247	2EB-1	0.
2EB	0.62634	COMB7		0.	9.3	2EB-1	0.62634
2EB	1.25268	COMB7		0.	-6.8761	2EB-1	1.25268
2EB	0.	COMB8		0.	41.5125	2EB-1	0.
2EB	0.62634	COMB8		0.	15.177	2EB-1	0.62634
2EB	1.25268	COMB8		0.	-11.21	2EB-1	1.25268
2EB	0.	COMB9		0.	34.7527	2EB-1	0.
2EB	0.62634	COMB9		0.	12.7076	2EB-1	0.62634
2EB	1.25268	COMB9		0.	-9.389	2EB-1	1.25268
2EB	0.	COMB10		0.	41.5125	2EB-1	0.
2EB	0.62634	COMB10		0.	15.177	2EB-1	0.62634
2EB	1.25268	COMB10		0.	-11.21	2EB-1	1.25268
2EB	0.	COMB11		0.	34.7527	2EB-1	0.
2EB	0.62634	COMB11		0.	12.7076	2EB-1	0.62634
2EB	1.25268	COMB11		0.	-9.389	2EB-1	1.25268
2EB	0.	COMB12		0.	30.7286	2EB-1	0.
2EB	0.62634	COMB12		0.	11.2345	2EB-1	0.62634
2EB	1.25268	COMB12		0.	-8.2982	2EB-1	1.25268
2EB	0.	COMB13		0.	30.7286	2EB-1	0.
2EB	0.62634	COMB13		0.	11.2345	2EB-1	0.62634
2EB	1.25268	COMB13		0.	-8.2982	2EB-1	1.25268

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2EB	0.	ENVOLVENTE	Max	0.	47.0559	2EB-1	0.
2EB	0.62634	ENVOLVENTE	Max	0.	17.202	2EB-1	0.62634
2EB	1.25268	ENVOLVENTE	Max	0.	-4.3632	2EB-1	1.25268
2EB	0.	ENVOLVENTE	Min	0.	16.0967	2EB-1	0.
2EB	0.62634	ENVOLVENTE	Min	0.	5.8925	2EB-1	0.62634
2EB	1.25268	ENVOLVENTE	Min	0.	-12.7033	2EB-1	1.25268
2EC	0.	COMB1		0.	0.	2EC-1	0.
2EC	0.29896	COMB1		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB1		0.	0.	2EC-1	0.59793
2EC	0.	COMB2		0.	0.	2EC-1	0.
2EC	0.29896	COMB2		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB2		0.	0.	2EC-1	0.59793
2EC	0.	COMB3		0.	0.	2EC-1	0.
2EC	0.29896	COMB3		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB3		0.	0.	2EC-1	0.59793
2EC	0.	COMB4		0.	0.	2EC-1	0.
2EC	0.29896	COMB4		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB4		0.	0.	2EC-1	0.59793
2EC	0.	COMB5		0.	0.	2EC-1	0.
2EC	0.29896	COMB5		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB5		0.	0.	2EC-1	0.59793
2EC	0.	COMB6		0.	0.	2EC-1	0.
2EC	0.29896	COMB6		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB6		0.	0.	2EC-1	0.59793
2EC	0.	COMB7		0.	0.	2EC-1	0.
2EC	0.29896	COMB7		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB7		0.	0.	2EC-1	0.59793
2EC	0.	COMB8		0.	0.	2EC-1	0.
2EC	0.29896	COMB8		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB8		0.	0.	2EC-1	0.59793
2EC	0.	COMB9		0.	0.	2EC-1	0.
2EC	0.29896	COMB9		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB9		0.	0.	2EC-1	0.59793
2EC	0.	COMB10		0.	0.	2EC-1	0.
2EC	0.29896	COMB10		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB10		0.	0.	2EC-1	0.59793
2EC	0.	COMB11		0.	0.	2EC-1	0.
2EC	0.29896	COMB11		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB11		0.	0.	2EC-1	0.59793
2EC	0.	COMB12		0.	0.	2EC-1	0.
2EC	0.29896	COMB12		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB12		0.	0.	2EC-1	0.59793
2EC	0.	COMB13		0.	0.	2EC-1	0.
2EC	0.29896	COMB13		0.	0.	2EC-1	0.29896
2EC	0.59793	COMB13		0.	0.	2EC-1	0.59793
2EC	0.	ENVOLVENTE	Max	0.	0.	2EC-1	0.
2EC	0.29896	ENVOLVENTE	Max	0.	0.	2EC-1	0.29896

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2EC	0.59793	ENVOLVENTE	Max	0.	0.	2EC-1	0.59793
2EC	0.	ENVOLVENTE	Min	0.	0.	2EC-1	0.
2EC	0.29896	ENVOLVENTE	Min	0.	0.	2EC-1	0.29896
2EC	0.59793	ENVOLVENTE	Min	0.	0.	2EC-1	0.59793
2ED	0.	COMB1		0.	-27.2806	2ED-1	0.
2ED	0.615	COMB1		0.	-9.2721	2ED-1	0.615
2ED	1.23	COMB1		0.	8.6785	2ED-1	1.23
2ED	0.	COMB2		0.	-33.1884	2ED-1	0.
2ED	0.615	COMB2		0.	-11.2849	2ED-1	0.615
2ED	1.23	COMB2		0.	10.569	2ED-1	1.23
2ED	0.	COMB3		0.	-23.3833	2ED-1	0.
2ED	0.615	COMB3		0.	-7.9475	2ED-1	0.615
2ED	1.23	COMB3		0.	7.4387	2ED-1	1.23
2ED	0.	COMB4		0.	-68.2898	2ED-1	0.
2ED	0.615	COMB4		0.	-23.2324	2ED-1	0.615
2ED	1.23	COMB4		0.	21.7754	2ED-1	1.23
2ED	0.	COMB5		0.	-36.9137	2ED-1	0.
2ED	0.615	COMB5		0.	-12.5529	2ED-1	0.615
2ED	1.23	COMB5		0.	11.7583	2ED-1	1.23
2ED	0.	COMB6		0.	-68.2898	2ED-1	0.
2ED	0.615	COMB6		0.	-23.2324	2ED-1	0.615
2ED	1.23	COMB6		0.	21.7754	2ED-1	1.23
2ED	0.	COMB7		0.	-36.9137	2ED-1	0.
2ED	0.615	COMB7		0.	-12.5529	2ED-1	0.615
2ED	1.23	COMB7		0.	11.7583	2ED-1	1.23
2ED	0.	COMB8		0.	-60.2491	2ED-1	0.
2ED	0.615	COMB8		0.	-20.4956	2ED-1	0.615
2ED	1.23	COMB8		0.	19.2083	2ED-1	1.23
2ED	0.	COMB9		0.	-50.4441	2ED-1	0.
2ED	0.615	COMB9		0.	-17.1582	2ED-1	0.615
2ED	1.23	COMB9		0.	16.078	2ED-1	1.23
2ED	0.	COMB10		0.	-60.2491	2ED-1	0.
2ED	0.615	COMB10		0.	-20.4956	2ED-1	0.615
2ED	1.23	COMB10		0.	19.2083	2ED-1	1.23
2ED	0.	COMB11		0.	-50.4441	2ED-1	0.
2ED	0.615	COMB11		0.	-17.1582	2ED-1	0.615
2ED	1.23	COMB11		0.	16.078	2ED-1	1.23
2ED	0.	COMB12		0.	-44.5982	2ED-1	0.
2ED	0.615	COMB12		0.	-15.1714	2ED-1	0.615
2ED	1.23	COMB12		0.	14.2183	2ED-1	1.23
2ED	0.	COMB13		0.	-44.5982	2ED-1	0.
2ED	0.615	COMB13		0.	-15.1714	2ED-1	0.615
2ED	1.23	COMB13		0.	14.2183	2ED-1	1.23
2ED	0.	ENVOLVENTE	Max	0.	-23.3833	2ED-1	0.
2ED	0.615	ENVOLVENTE	Max	0.	-7.9475	2ED-1	0.615
2ED	1.23	ENVOLVENTE	Max	0.	21.7754	2ED-1	1.23
2ED	0.	ENVOLVENTE	Min	0.	-68.2898	2ED-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2ED	0.615	ENVOLVENTE	Min	0.	-23.2324	2ED-1	0.615
2ED	1.23	ENVOLVENTE	Min	0.	7.4387	2ED-1	1.23
2EE	0.	COMB1		0.	0.	2EE-1	0.
2EE	0.29895	COMB1		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB1		0.	0.	2EE-1	0.5979
2EE	0.	COMB2		0.	0.	2EE-1	0.
2EE	0.29895	COMB2		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB2		0.	0.	2EE-1	0.5979
2EE	0.	COMB3		0.	0.	2EE-1	0.
2EE	0.29895	COMB3		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB3		0.	0.	2EE-1	0.5979
2EE	0.	COMB4		0.	0.	2EE-1	0.
2EE	0.29895	COMB4		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB4		0.	0.	2EE-1	0.5979
2EE	0.	COMB5		0.	0.	2EE-1	0.
2EE	0.29895	COMB5		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB5		0.	0.	2EE-1	0.5979
2EE	0.	COMB6		0.	0.	2EE-1	0.
2EE	0.29895	COMB6		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB6		0.	0.	2EE-1	0.5979
2EE	0.	COMB7		0.	0.	2EE-1	0.
2EE	0.29895	COMB7		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB7		0.	0.	2EE-1	0.5979
2EE	0.	COMB8		0.	0.	2EE-1	0.
2EE	0.29895	COMB8		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB8		0.	0.	2EE-1	0.5979
2EE	0.	COMB9		0.	0.	2EE-1	0.
2EE	0.29895	COMB9		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB9		0.	0.	2EE-1	0.5979
2EE	0.	COMB10		0.	0.	2EE-1	0.
2EE	0.29895	COMB10		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB10		0.	0.	2EE-1	0.5979
2EE	0.	COMB11		0.	0.	2EE-1	0.
2EE	0.29895	COMB11		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB11		0.	0.	2EE-1	0.5979
2EE	0.	COMB12		0.	0.	2EE-1	0.
2EE	0.29895	COMB12		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB12		0.	0.	2EE-1	0.5979
2EE	0.	COMB13		0.	0.	2EE-1	0.
2EE	0.29895	COMB13		0.	0.	2EE-1	0.29895
2EE	0.5979	COMB13		0.	0.	2EE-1	0.5979
2EE	0.	ENVOLVENTE	Max	0.	0.	2EE-1	0.
2EE	0.29895	ENVOLVENTE	Max	0.	0.	2EE-1	0.29895
2EE	0.5979	ENVOLVENTE	Max	0.	0.	2EE-1	0.5979
2EE	0.	ENVOLVENTE	Min	0.	0.	2EE-1	0.
2EE	0.29895	ENVOLVENTE	Min	0.	0.	2EE-1	0.29895
2EE	0.5979	ENVOLVENTE	Min	0.	0.	2EE-1	0.5979
2EF	0.	COMB1		0.	8.6785	2EF-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2EF	0.615	COMB1		0.	16.3442	2EF-1	0.615
2EF	1.23001	COMB1		0.	23.952	2EF-1	1.23001
2EF	0.	COMB2		0.	10.569	2EF-1	0.
2EF	0.615	COMB2		0.	19.8864	2EF-1	0.615
2EF	1.23001	COMB2		0.	29.1541	2EF-1	1.23001
2EF	0.	COMB3		0.	7.4387	2EF-1	0.
2EF	0.615	COMB3		0.	14.0093	2EF-1	0.615
2EF	1.23001	COMB3		0.	20.5303	2EF-1	1.23001
2EF	0.	COMB4		0.	21.7754	2EF-1	0.
2EF	0.615	COMB4		0.	40.9259	2EF-1	0.615
2EF	1.23001	COMB4		0.	60.0268	2EF-1	1.23001
2EF	0.	COMB5		0.	11.7583	2EF-1	0.
2EF	0.615	COMB5		0.	22.1193	2EF-1	0.615
2EF	1.23001	COMB5		0.	32.4306	2EF-1	1.23001
2EF	0.	COMB6		0.	21.7754	2EF-1	0.
2EF	0.615	COMB6		0.	40.9259	2EF-1	0.615
2EF	1.23001	COMB6		0.	60.0268	2EF-1	1.23001
2EF	0.	COMB7		0.	11.7583	2EF-1	0.
2EF	0.615	COMB7		0.	22.1193	2EF-1	0.615
2EF	1.23001	COMB7		0.	32.4306	2EF-1	1.23001
2EF	0.	COMB8		0.	19.2083	2EF-1	0.
2EF	0.615	COMB8		0.	36.1063	2EF-1	0.615
2EF	1.23001	COMB8		0.	52.9547	2EF-1	1.23001
2EF	0.	COMB9		0.	16.078	2EF-1	0.
2EF	0.615	COMB9		0.	30.2293	2EF-1	0.615
2EF	1.23001	COMB9		0.	44.3309	2EF-1	1.23001
2EF	0.	COMB10		0.	19.2083	2EF-1	0.
2EF	0.615	COMB10		0.	36.1063	2EF-1	0.615
2EF	1.23001	COMB10		0.	52.9547	2EF-1	1.23001
2EF	0.	COMB11		0.	16.078	2EF-1	0.
2EF	0.615	COMB11		0.	30.2293	2EF-1	0.615
2EF	1.23001	COMB11		0.	44.3309	2EF-1	1.23001
2EF	0.	COMB12		0.	14.2183	2EF-1	0.
2EF	0.615	COMB12		0.	26.7269	2EF-1	0.615
2EF	1.23001	COMB12		0.	39.1984	2EF-1	1.23001
2EF	0.	COMB13		0.	14.2183	2EF-1	0.
2EF	0.615	COMB13		0.	26.7269	2EF-1	0.615
2EF	1.23001	COMB13		0.	39.1984	2EF-1	1.23001
2EF	0.	ENVOLVENTE	Max	0.	21.7754	2EF-1	0.
2EF	0.615	ENVOLVENTE	Max	0.	40.9259	2EF-1	0.615
2EF	1.23001	ENVOLVENTE	Max	0.	60.0268	2EF-1	1.23001
2EF	0.	ENVOLVENTE	Min	0.	7.4387	2EF-1	0.
2EF	0.615	ENVOLVENTE	Min	0.	14.0093	2EF-1	0.615
2EF	1.23001	ENVOLVENTE	Min	0.	20.5303	2EF-1	1.23001
2F0	0.	COMB1		0.	0.	2F0-1	0.
2F0	0.29895	COMB1		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB1		0.	0.	2F0-1	0.5979
2F0	0.	COMB2		0.	0.	2F0-1	0.
2F0	0.29895	COMB2		0.	0.	2F0-1	0.29895

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F0	0.5979	COMB2		0.	0.	2F0-1	0.5979
2F0	0.	COMB3		0.	0.	2F0-1	0.
2F0	0.29895	COMB3		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB3		0.	0.	2F0-1	0.5979
2F0	0.	COMB4		0.	0.	2F0-1	0.
2F0	0.29895	COMB4		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB4		0.	0.	2F0-1	0.5979
2F0	0.	COMB5		0.	0.	2F0-1	0.
2F0	0.29895	COMB5		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB5		0.	0.	2F0-1	0.5979
2F0	0.	COMB6		0.	0.	2F0-1	0.
2F0	0.29895	COMB6		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB6		0.	0.	2F0-1	0.5979
2F0	0.	COMB7		0.	0.	2F0-1	0.
2F0	0.29895	COMB7		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB7		0.	0.	2F0-1	0.5979
2F0	0.	COMB8		0.	0.	2F0-1	0.
2F0	0.29895	COMB8		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB8		0.	0.	2F0-1	0.5979
2F0	0.	COMB9		0.	0.	2F0-1	0.
2F0	0.29895	COMB9		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB9		0.	0.	2F0-1	0.5979
2F0	0.	COMB10		0.	0.	2F0-1	0.
2F0	0.29895	COMB10		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB10		0.	0.	2F0-1	0.5979
2F0	0.	COMB11		0.	0.	2F0-1	0.
2F0	0.29895	COMB11		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB11		0.	0.	2F0-1	0.5979
2F0	0.	COMB12		0.	0.	2F0-1	0.
2F0	0.29895	COMB12		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB12		0.	0.	2F0-1	0.5979
2F0	0.	COMB13		0.	0.	2F0-1	0.
2F0	0.29895	COMB13		0.	0.	2F0-1	0.29895
2F0	0.5979	COMB13		0.	0.	2F0-1	0.5979
2F0	0.	ENVOLVENTE	Max	0.	0.	2F0-1	0.
2F0	0.29895	ENVOLVENTE	Max	0.	0.	2F0-1	0.29895
2F0	0.5979	ENVOLVENTE	Max	0.	0.	2F0-1	0.5979
2F0	0.	ENVOLVENTE	Min	0.	0.	2F0-1	0.
2F0	0.29895	ENVOLVENTE	Min	0.	0.	2F0-1	0.29895
2F0	0.5979	ENVOLVENTE	Min	0.	0.	2F0-1	0.5979
2F1	0.	COMB1		0.	23.952	2F1-1	0.
2F1	0.615	COMB1		0.	21.3947	2F1-1	0.615
2F1	1.22999	COMB1		0.	18.7794	2F1-1	1.22999
2F1	0.	COMB2		0.	29.1541	2F1-1	0.
2F1	0.615	COMB2		0.	26.0301	2F1-1	0.615
2F1	1.22999	COMB2		0.	22.8564	2F1-1	1.22999
2F1	0.	COMB3		0.	20.5303	2F1-1	0.
2F1	0.615	COMB3		0.	18.3383	2F1-1	0.615
2F1	1.22999	COMB3		0.	16.0967	2F1-1	1.22999

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F1	0.	COMB4		0.	60.0268	2F1-1	0.
2F1	0.615	COMB4		0.	53.5661	2F1-1	0.615
2F1	1.22999	COMB4		0.	47.0559	2F1-1	1.22999
2F1	0.	COMB5		0.	32.4306	2F1-1	0.
2F1	0.615	COMB5		0.	28.9525	2F1-1	0.615
2F1	1.22999	COMB5		0.	25.4247	2F1-1	1.22999
2F1	0.	COMB6		0.	60.0268	2F1-1	0.
2F1	0.615	COMB6		0.	53.5661	2F1-1	0.615
2F1	1.22999	COMB6		0.	47.0559	2F1-1	1.22999
2F1	0.	COMB7		0.	32.4306	2F1-1	0.
2F1	0.615	COMB7		0.	28.9525	2F1-1	0.615
2F1	1.22999	COMB7		0.	25.4247	2F1-1	1.22999
2F1	0.	COMB8		0.	52.9547	2F1-1	0.
2F1	0.615	COMB8		0.	47.2584	2F1-1	0.615
2F1	1.22999	COMB8		0.	41.5125	2F1-1	1.22999
2F1	0.	COMB9		0.	44.3309	2F1-1	0.
2F1	0.615	COMB9		0.	39.5666	2F1-1	0.615
2F1	1.22999	COMB9		0.	34.7527	2F1-1	1.22999
2F1	0.	COMB10		0.	52.9547	2F1-1	0.
2F1	0.615	COMB10		0.	47.2584	2F1-1	0.615
2F1	1.22999	COMB10		0.	41.5125	2F1-1	1.22999
2F1	0.	COMB11		0.	44.3309	2F1-1	0.
2F1	0.615	COMB11		0.	39.5666	2F1-1	0.615
2F1	1.22999	COMB11		0.	34.7527	2F1-1	1.22999
2F1	0.	COMB12		0.	39.1984	2F1-1	0.
2F1	0.615	COMB12		0.	34.9821	2F1-1	0.615
2F1	1.22999	COMB12		0.	30.7286	2F1-1	1.22999
2F1	0.	COMB13		0.	39.1984	2F1-1	0.
2F1	0.615	COMB13		0.	34.9821	2F1-1	0.615
2F1	1.22999	COMB13		0.	30.7286	2F1-1	1.22999
2F1	0.	ENVOLVENTE	Max	0.	60.0268	2F1-1	0.
2F1	0.615	ENVOLVENTE	Max	0.	53.5661	2F1-1	0.615
2F1	1.22999	ENVOLVENTE	Max	0.	47.0559	2F1-1	1.22999
2F1	0.	ENVOLVENTE	Min	0.	20.5303	2F1-1	0.
2F1	0.615	ENVOLVENTE	Min	0.	18.3383	2F1-1	0.615
2F1	1.22999	ENVOLVENTE	Min	0.	16.0967	2F1-1	1.22999
2F2	0.	COMB1		0.	0.	2F2-1	0.
2F2	0.29896	COMB1		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB1		0.	0.	2F2-1	0.59793
2F2	0.	COMB2		0.	0.	2F2-1	0.
2F2	0.29896	COMB2		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB2		0.	0.	2F2-1	0.59793
2F2	0.	COMB3		0.	0.	2F2-1	0.
2F2	0.29896	COMB3		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB3		0.	0.	2F2-1	0.59793
2F2	0.	COMB4		0.	0.	2F2-1	0.
2F2	0.29896	COMB4		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB4		0.	0.	2F2-1	0.59793
2F2	0.	COMB5		0.	0.	2F2-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F2	0.29896	COMB5		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB5		0.	0.	2F2-1	0.59793
2F2	0.	COMB6		0.	0.	2F2-1	0.
2F2	0.29896	COMB6		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB6		0.	0.	2F2-1	0.59793
2F2	0.	COMB7		0.	0.	2F2-1	0.
2F2	0.29896	COMB7		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB7		0.	0.	2F2-1	0.59793
2F2	0.	COMB8		0.	0.	2F2-1	0.
2F2	0.29896	COMB8		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB8		0.	0.	2F2-1	0.59793
2F2	0.	COMB9		0.	0.	2F2-1	0.
2F2	0.29896	COMB9		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB9		0.	0.	2F2-1	0.59793
2F2	0.	COMB10		0.	0.	2F2-1	0.
2F2	0.29896	COMB10		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB10		0.	0.	2F2-1	0.59793
2F2	0.	COMB11		0.	0.	2F2-1	0.
2F2	0.29896	COMB11		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB11		0.	0.	2F2-1	0.59793
2F2	0.	COMB12		0.	0.	2F2-1	0.
2F2	0.29896	COMB12		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB12		0.	0.	2F2-1	0.59793
2F2	0.	COMB13		0.	0.	2F2-1	0.
2F2	0.29896	COMB13		0.	0.	2F2-1	0.29896
2F2	0.59793	COMB13		0.	0.	2F2-1	0.59793
2F2	0.	ENVOLVENTE	Max	0.	0.	2F2-1	0.
2F2	0.29896	ENVOLVENTE	Max	0.	0.	2F2-1	0.29896
2F2	0.59793	ENVOLVENTE	Max	0.	0.	2F2-1	0.59793
2F2	0.	ENVOLVENTE	Min	0.	0.	2F2-1	0.
2F2	0.29896	ENVOLVENTE	Min	0.	0.	2F2-1	0.29896
2F2	0.59793	ENVOLVENTE	Min	0.	0.	2F2-1	0.59793
2F3	0.	COMB1		0.	0.	2F3-1	0.
2F3	0.90631	COMB1		0.	0.0217	2F3-1	0.90631
2F3	1.81262	COMB1		0.	1.841E-17	2F3-1	1.81262
2F3	0.	COMB2		0.	0.	2F3-1	0.
2F3	0.90631	COMB2		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB2		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB3		0.	0.	2F3-1	0.
2F3	0.90631	COMB3		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB3		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB4		0.	0.	2F3-1	0.
2F3	0.90631	COMB4		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB4		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB5		0.	0.	2F3-1	0.
2F3	0.90631	COMB5		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB5		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB6		0.	0.	2F3-1	0.
2F3	0.90631	COMB6		0.	0.0186	2F3-1	0.90631

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F3	1.81262	COMB6		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB7		0.	0.	2F3-1	0.
2F3	0.90631	COMB7		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB7		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB8		0.	0.	2F3-1	0.
2F3	0.90631	COMB8		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB8		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB9		0.	0.	2F3-1	0.
2F3	0.90631	COMB9		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB9		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB10		0.	0.	2F3-1	0.
2F3	0.90631	COMB10		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB10		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB11		0.	0.	2F3-1	0.
2F3	0.90631	COMB11		0.	0.0186	2F3-1	0.90631
2F3	1.81262	COMB11		0.	1.578E-17	2F3-1	1.81262
2F3	0.	COMB12		0.	0.	2F3-1	0.
2F3	0.90631	COMB12		0.	0.0139	2F3-1	0.90631
2F3	1.81262	COMB12		0.	1.184E-17	2F3-1	1.81262
2F3	0.	COMB13		0.	0.	2F3-1	0.
2F3	0.90631	COMB13		0.	0.0139	2F3-1	0.90631
2F3	1.81262	COMB13		0.	1.184E-17	2F3-1	1.81262
2F3	0.	ENVOLVENTE	Max	0.	0.	2F3-1	0.
2F3	0.90631	ENVOLVENTE	Max	0.	0.0217	2F3-1	0.90631
2F3	1.81262	ENVOLVENTE	Max	0.	1.841E-17	2F3-1	1.81262
2F3	0.	ENVOLVENTE	Min	0.	0.	2F3-1	0.
2F3	0.90631	ENVOLVENTE	Min	0.	0.0139	2F3-1	0.90631
2F3	1.81262	ENVOLVENTE	Min	0.	1.184E-17	2F3-1	1.81262
2F4	0.	COMB1		0.	-1.5735	2F4-1	0.
2F4	0.59101	COMB1		0.	-18.9745	2F4-1	0.59101
2F4	1.18202	COMB1		0.	-45.5685	2F4-1	1.18202
2F4	0.	COMB2		0.	-1.9219	2F4-1	0.
2F4	0.59101	COMB2		0.	-23.0855	2F4-1	0.59101
2F4	1.18202	COMB2		0.	-55.4588	2F4-1	1.18202
2F4	0.	COMB3		0.	-1.3487	2F4-1	0.
2F4	0.59101	COMB3		0.	-16.2638	2F4-1	0.59101
2F4	1.18202	COMB3		0.	-39.0587	2F4-1	1.18202
2F4	0.	COMB4		0.	-3.9739	2F4-1	0.
2F4	0.59101	COMB4		0.	-47.5065	2F4-1	0.59101
2F4	1.18202	COMB4		0.	-114.17	2F4-1	1.18202
2F4	0.	COMB5		0.	-2.1397	2F4-1	0.
2F4	0.59101	COMB5		0.	-25.6773	2F4-1	0.59101
2F4	1.18202	COMB5		0.	-61.6898	2F4-1	1.18202
2F4	0.	COMB6		0.	-3.9739	2F4-1	0.
2F4	0.59101	COMB6		0.	-47.5065	2F4-1	0.59101
2F4	1.18202	COMB6		0.	-114.17	2F4-1	1.18202
2F4	0.	COMB7		0.	-2.1397	2F4-1	0.
2F4	0.59101	COMB7		0.	-25.6773	2F4-1	0.59101
2F4	1.18202	COMB7		0.	-61.6898	2F4-1	1.18202

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F4	0.	COMB8		0.	-3.5039	2F4-1	0.
2F4	0.59101	COMB8		0.	-41.9124	2F4-1	0.59101
2F4	1.18202	COMB8		0.	-100.7209	2F4-1	1.18202
2F4	0.	COMB9		0.	-2.9307	2F4-1	0.
2F4	0.59101	COMB9		0.	-35.0907	2F4-1	0.59101
2F4	1.18202	COMB9		0.	-84.3209	2F4-1	1.18202
2F4	0.	COMB10		0.	-3.5039	2F4-1	0.
2F4	0.59101	COMB10		0.	-41.9124	2F4-1	0.59101
2F4	1.18202	COMB10		0.	-100.7209	2F4-1	1.18202
2F4	0.	COMB11		0.	-2.9307	2F4-1	0.
2F4	0.59101	COMB11		0.	-35.0907	2F4-1	0.59101
2F4	1.18202	COMB11		0.	-84.3209	2F4-1	1.18202
2F4	0.	COMB12		0.	-2.5935	2F4-1	0.
2F4	0.59101	COMB12		0.	-31.0248	2F4-1	0.59101
2F4	1.18202	COMB12		0.	-74.5562	2F4-1	1.18202
2F4	0.	COMB13		0.	-2.5935	2F4-1	0.
2F4	0.59101	COMB13		0.	-31.0248	2F4-1	0.59101
2F4	1.18202	COMB13		0.	-74.5562	2F4-1	1.18202
2F4	0.	ENVOLVENTE	Max	0.	-1.3487	2F4-1	0.
2F4	0.59101	ENVOLVENTE	Max	0.	-16.2638	2F4-1	0.59101
2F4	1.18202	ENVOLVENTE	Max	0.	-39.0587	2F4-1	1.18202
2F4	0.	ENVOLVENTE	Min	0.	-3.9739	2F4-1	0.
2F4	0.59101	ENVOLVENTE	Min	0.	-47.5065	2F4-1	0.59101
2F4	1.18202	ENVOLVENTE	Min	0.	-114.17	2F4-1	1.18202
2F5	0.	COMB1		0.	-45.5685	2F5-1	0.
2F5	0.5682	COMB1		0.	-33.4215	2F5-1	0.5682
2F5	1.13641	COMB1		0.	-29.7764	2F5-1	1.13641
2F5	0.	COMB2		0.	-55.4588	2F5-1	0.
2F5	0.5682	COMB2		0.	-40.6656	2F5-1	0.5682
2F5	1.13641	COMB2		0.	-36.2395	2F5-1	1.13641
2F5	0.	COMB3		0.	-39.0587	2F5-1	0.
2F5	0.5682	COMB3		0.	-28.647	2F5-1	0.5682
2F5	1.13641	COMB3		0.	-25.5226	2F5-1	1.13641
2F5	0.	COMB4		0.	-114.17	2F5-1	0.
2F5	0.5682	COMB4		0.	-83.6917	2F5-1	0.5682
2F5	1.13641	COMB4		0.	-74.6055	2F5-1	1.13641
2F5	0.	COMB5		0.	-61.6898	2F5-1	0.
2F5	0.5682	COMB5		0.	-45.232	2F5-1	0.5682
2F5	1.13641	COMB5		0.	-40.3113	2F5-1	1.13641
2F5	0.	COMB6		0.	-114.17	2F5-1	0.
2F5	0.5682	COMB6		0.	-83.6917	2F5-1	0.5682
2F5	1.13641	COMB6		0.	-74.6055	2F5-1	1.13641
2F5	0.	COMB7		0.	-61.6898	2F5-1	0.
2F5	0.5682	COMB7		0.	-45.232	2F5-1	0.5682
2F5	1.13641	COMB7		0.	-40.3113	2F5-1	1.13641
2F5	0.	COMB8		0.	-100.7209	2F5-1	0.
2F5	0.5682	COMB8		0.	-73.8357	2F5-1	0.5682
2F5	1.13641	COMB8		0.	-65.817	2F5-1	1.13641
2F5	0.	COMB9		0.	-84.3209	2F5-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F5	0.5682	COMB9		0.	-61.817	2F5-1	0.5682
2F5	1.13641	COMB9		0.	-55.1	2F5-1	1.13641
2F5	0.	COMB10		0.	-100.7209	2F5-1	0.
2F5	0.5682	COMB10		0.	-73.8357	2F5-1	0.5682
2F5	1.13641	COMB10		0.	-65.817	2F5-1	1.13641
2F5	0.	COMB11		0.	-84.3209	2F5-1	0.
2F5	0.5682	COMB11		0.	-61.817	2F5-1	0.5682
2F5	1.13641	COMB11		0.	-55.1	2F5-1	1.13641
2F5	0.	COMB12		0.	-74.5562	2F5-1	0.
2F5	0.5682	COMB12		0.	-54.6553	2F5-1	0.5682
2F5	1.13641	COMB12		0.	-48.7194	2F5-1	1.13641
2F5	0.	COMB13		0.	-74.5562	2F5-1	0.
2F5	0.5682	COMB13		0.	-54.6553	2F5-1	0.5682
2F5	1.13641	COMB13		0.	-48.7194	2F5-1	1.13641
2F5	0.	ENVOLVENTE	Max	0.	-39.0587	2F5-1	0.
2F5	0.5682	ENVOLVENTE	Max	0.	-28.647	2F5-1	0.5682
2F5	1.13641	ENVOLVENTE	Max	0.	-25.5226	2F5-1	1.13641
2F5	0.	ENVOLVENTE	Min	0.	-114.17	2F5-1	0.
2F5	0.5682	ENVOLVENTE	Min	0.	-83.6917	2F5-1	0.5682
2F5	1.13641	ENVOLVENTE	Min	0.	-74.6055	2F5-1	1.13641
2F6	0.	COMB1		0.	-29.7764	2F6-1	0.
2F6	0.615	COMB1		0.	-7.3035	2F6-1	0.615
2F6	1.22999	COMB1		0.	5.1727	2F6-1	1.22999
2F6	0.	COMB2		0.	-36.2395	2F6-1	0.
2F6	0.615	COMB2		0.	-8.8811	2F6-1	0.615
2F6	1.22999	COMB2		0.	6.2876	2F6-1	1.22999
2F6	0.	COMB3		0.	-25.5226	2F6-1	0.
2F6	0.615	COMB3		0.	-6.2601	2F6-1	0.615
2F6	1.22999	COMB3		0.	4.4338	2F6-1	1.22999
2F6	0.	COMB4		0.	-74.6055	2F6-1	0.
2F6	0.615	COMB4		0.	-18.2642	2F6-1	0.615
2F6	1.22999	COMB4		0.	12.924	2F6-1	1.22999
2F6	0.	COMB5		0.	-40.3113	2F6-1	0.
2F6	0.615	COMB5		0.	-9.877	2F6-1	0.615
2F6	1.22999	COMB5		0.	6.9919	2F6-1	1.22999
2F6	0.	COMB6		0.	-74.6055	2F6-1	0.
2F6	0.615	COMB6		0.	-18.2642	2F6-1	0.615
2F6	1.22999	COMB6		0.	12.924	2F6-1	1.22999
2F6	0.	COMB7		0.	-40.3113	2F6-1	0.
2F6	0.615	COMB7		0.	-9.877	2F6-1	0.615
2F6	1.22999	COMB7		0.	6.9919	2F6-1	1.22999
2F6	0.	COMB8		0.	-65.817	2F6-1	0.
2F6	0.615	COMB8		0.	-16.1148	2F6-1	0.615
2F6	1.22999	COMB8		0.	11.4038	2F6-1	1.22999
2F6	0.	COMB9		0.	-55.1	2F6-1	0.
2F6	0.615	COMB9		0.	-13.4938	2F6-1	0.615
2F6	1.22999	COMB9		0.	9.55	2F6-1	1.22999
2F6	0.	COMB10		0.	-65.817	2F6-1	0.
2F6	0.615	COMB10		0.	-16.1148	2F6-1	0.615

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F6	1.22999	COMB10		0.	11.4038	2F6-1	1.22999
2F6	0.	COMB11		0.	-55.1	2F6-1	0.
2F6	0.615	COMB11		0.	-13.4938	2F6-1	0.615
2F6	1.22999	COMB11		0.	9.55	2F6-1	1.22999
2F6	0.	COMB12		0.	-48.7194	2F6-1	0.
2F6	0.615	COMB12		0.	-11.9288	2F6-1	0.615
2F6	1.22999	COMB12		0.	8.4416	2F6-1	1.22999
2F6	0.	COMB13		0.	-48.7194	2F6-1	0.
2F6	0.615	COMB13		0.	-11.9288	2F6-1	0.615
2F6	1.22999	COMB13		0.	8.4416	2F6-1	1.22999
2F6	0.	ENVOLVENTE	Max	0.	-25.5226	2F6-1	0.
2F6	0.615	ENVOLVENTE	Max	0.	-6.2601	2F6-1	0.615
2F6	1.22999	ENVOLVENTE	Max	0.	12.924	2F6-1	1.22999
2F6	0.	ENVOLVENTE	Min	0.	-74.6055	2F6-1	0.
2F6	0.615	ENVOLVENTE	Min	0.	-18.2642	2F6-1	0.615
2F6	1.22999	ENVOLVENTE	Min	0.	4.4338	2F6-1	1.22999
2F7	0.	COMB1		0.	5.1727	2F7-1	0.
2F7	0.615	COMB1		0.	17.8531	2F7-1	0.615
2F7	1.23001	COMB1		0.	20.5367	2F7-1	1.23001
2F7	0.	COMB2		0.	6.2876	2F7-1	0.
2F7	0.615	COMB2		0.	21.7297	2F7-1	0.615
2F7	1.23001	COMB2		0.	24.9821	2F7-1	1.23001
2F7	0.	COMB3		0.	4.4338	2F7-1	0.
2F7	0.615	COMB3		0.	15.3027	2F7-1	0.615
2F7	1.23001	COMB3		0.	17.6028	2F7-1	1.23001
2F7	0.	COMB4		0.	12.924	2F7-1	0.
2F7	0.615	COMB4		0.	44.7383	2F7-1	0.615
2F7	1.23001	COMB4		0.	51.3992	2F7-1	1.23001
2F7	0.	COMB5		0.	6.9919	2F7-1	0.
2F7	0.615	COMB5		0.	24.1716	2F7-1	0.615
2F7	1.23001	COMB5		0.	27.7857	2F7-1	1.23001
2F7	0.	COMB6		0.	12.924	2F7-1	0.
2F7	0.615	COMB6		0.	44.7383	2F7-1	0.615
2F7	1.23001	COMB6		0.	51.3992	2F7-1	1.23001
2F7	0.	COMB7		0.	6.9919	2F7-1	0.
2F7	0.615	COMB7		0.	24.1716	2F7-1	0.615
2F7	1.23001	COMB7		0.	27.7857	2F7-1	1.23001
2F7	0.	COMB8		0.	11.4038	2F7-1	0.
2F7	0.615	COMB8		0.	39.4677	2F7-1	0.615
2F7	1.23001	COMB8		0.	45.3478	2F7-1	1.23001
2F7	0.	COMB9		0.	9.55	2F7-1	0.
2F7	0.615	COMB9		0.	33.0406	2F7-1	0.615
2F7	1.23001	COMB9		0.	37.9686	2F7-1	1.23001
2F7	0.	COMB10		0.	11.4038	2F7-1	0.
2F7	0.615	COMB10		0.	39.4677	2F7-1	0.615
2F7	1.23001	COMB10		0.	45.3478	2F7-1	1.23001
2F7	0.	COMB11		0.	9.55	2F7-1	0.
2F7	0.615	COMB11		0.	33.0406	2F7-1	0.615
2F7	1.23001	COMB11		0.	37.9686	2F7-1	1.23001

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F7	0.	COMB12		0.	8.4416	2F7-1	0.
2F7	0.615	COMB12		0.	29.215	2F7-1	0.615
2F7	1.23001	COMB12		0.	33.5678	2F7-1	1.23001
2F7	0.	COMB13		0.	8.4416	2F7-1	0.
2F7	0.615	COMB13		0.	29.215	2F7-1	0.615
2F7	1.23001	COMB13		0.	33.5678	2F7-1	1.23001
2F7	0.	ENVOLVENTE	Max	0.	12.924	2F7-1	0.
2F7	0.615	ENVOLVENTE	Max	0.	44.7383	2F7-1	0.615
2F7	1.23001	ENVOLVENTE	Max	0.	51.3992	2F7-1	1.23001
2F7	0.	ENVOLVENTE	Min	0.	4.4338	2F7-1	0.
2F7	0.615	ENVOLVENTE	Min	0.	15.3027	2F7-1	0.615
2F7	1.23001	ENVOLVENTE	Min	0.	17.6028	2F7-1	1.23001
2F8	0.	COMB1		0.	20.5367	2F8-1	0.
2F8	0.615	COMB1		0.	23.3047	2F8-1	0.615
2F8	1.23	COMB1		0.	16.076	2F8-1	1.23
2F8	0.	COMB2		0.	24.9821	2F8-1	0.
2F8	0.615	COMB2		0.	28.3631	2F8-1	0.615
2F8	1.23	COMB2		0.	19.5543	2F8-1	1.23
2F8	0.	COMB3		0.	17.6028	2F8-1	0.
2F8	0.615	COMB3		0.	19.9755	2F8-1	0.615
2F8	1.23	COMB3		0.	13.7795	2F8-1	1.23
2F8	0.	COMB4		0.	51.3992	2F8-1	0.
2F8	0.615	COMB4		0.	58.3903	2F8-1	0.615
2F8	1.23	COMB4		0.	40.2281	2F8-1	1.23
2F8	0.	COMB5		0.	27.7857	2F8-1	0.
2F8	0.615	COMB5		0.	31.5499	2F8-1	0.615
2F8	1.23	COMB5		0.	21.7484	2F8-1	1.23
2F8	0.	COMB6		0.	51.3992	2F8-1	0.
2F8	0.615	COMB6		0.	58.3903	2F8-1	0.615
2F8	1.23	COMB6		0.	40.2281	2F8-1	1.23
2F8	0.	COMB7		0.	27.7857	2F8-1	0.
2F8	0.615	COMB7		0.	31.5499	2F8-1	0.615
2F8	1.23	COMB7		0.	21.7484	2F8-1	1.23
2F8	0.	COMB8		0.	45.3478	2F8-1	0.
2F8	0.615	COMB8		0.	51.5119	2F8-1	0.615
2F8	1.23	COMB8		0.	35.4923	2F8-1	1.23
2F8	0.	COMB9		0.	37.9686	2F8-1	0.
2F8	0.615	COMB9		0.	43.1243	2F8-1	0.615
2F8	1.23	COMB9		0.	29.7174	2F8-1	1.23
2F8	0.	COMB10		0.	45.3478	2F8-1	0.
2F8	0.615	COMB10		0.	51.5119	2F8-1	0.615
2F8	1.23	COMB10		0.	35.4923	2F8-1	1.23
2F8	0.	COMB11		0.	37.9686	2F8-1	0.
2F8	0.615	COMB11		0.	43.1243	2F8-1	0.615
2F8	1.23	COMB11		0.	29.7174	2F8-1	1.23
2F8	0.	COMB12		0.	33.5678	2F8-1	0.
2F8	0.615	COMB12		0.	38.1304	2F8-1	0.615
2F8	1.23	COMB12		0.	26.2726	2F8-1	1.23
2F8	0.	COMB13		0.	33.5678	2F8-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F8	0.615	COMB13		0.	38.1304	2F8-1	0.615
2F8	1.23	COMB13		0.	26.2726	2F8-1	1.23
2F8	0.	ENVOLVENTE	Max	0.	51.3992	2F8-1	0.
2F8	0.615	ENVOLVENTE	Max	0.	58.3903	2F8-1	0.615
2F8	1.23	ENVOLVENTE	Max	0.	40.2281	2F8-1	1.23
2F8	0.	ENVOLVENTE	Min	0.	17.6028	2F8-1	0.
2F8	0.615	ENVOLVENTE	Min	0.	19.9755	2F8-1	0.615
2F8	1.23	ENVOLVENTE	Min	0.	13.7795	2F8-1	1.23
2F9	0.	COMB1		0.	16.076	2F9-1	0.
2F9	0.62634	COMB1		0.	7.602	2F9-1	0.62634
2F9	1.25268	COMB1		0.	-11.2407	2F9-1	1.25268
2F9	0.	COMB2		0.	19.5543	2F9-1	0.
2F9	0.62634	COMB2		0.	9.2506	2F9-1	0.62634
2F9	1.25268	COMB2		0.	-13.6965	2F9-1	1.25268
2F9	0.	COMB3		0.	13.7795	2F9-1	0.
2F9	0.62634	COMB3		0.	6.516	2F9-1	0.62634
2F9	1.25268	COMB3		0.	-9.6349	2F9-1	1.25268
2F9	0.	COMB4		0.	40.2281	2F9-1	0.
2F9	0.62634	COMB4		0.	19.0403	2F9-1	0.62634
2F9	1.25268	COMB4		0.	-28.2368	2F9-1	1.25268
2F9	0.	COMB5		0.	21.7484	2F9-1	0.
2F9	0.62634	COMB5		0.	10.2896	2F9-1	0.62634
2F9	1.25268	COMB5		0.	-15.2397	2F9-1	1.25268
2F9	0.	COMB6		0.	40.2281	2F9-1	0.
2F9	0.62634	COMB6		0.	19.0403	2F9-1	0.62634
2F9	1.25268	COMB6		0.	-28.2368	2F9-1	1.25268
2F9	0.	COMB7		0.	21.7484	2F9-1	0.
2F9	0.62634	COMB7		0.	10.2896	2F9-1	0.62634
2F9	1.25268	COMB7		0.	-15.2397	2F9-1	1.25268
2F9	0.	COMB8		0.	35.4923	2F9-1	0.
2F9	0.62634	COMB8		0.	16.7978	2F9-1	0.62634
2F9	1.25268	COMB8		0.	-24.906	2F9-1	1.25268
2F9	0.	COMB9		0.	29.7174	2F9-1	0.
2F9	0.62634	COMB9		0.	14.0632	2F9-1	0.62634
2F9	1.25268	COMB9		0.	-20.8444	2F9-1	1.25268
2F9	0.	COMB10		0.	35.4923	2F9-1	0.
2F9	0.62634	COMB10		0.	16.7978	2F9-1	0.62634
2F9	1.25268	COMB10		0.	-24.906	2F9-1	1.25268
2F9	0.	COMB11		0.	29.7174	2F9-1	0.
2F9	0.62634	COMB11		0.	14.0632	2F9-1	0.62634
2F9	1.25268	COMB11		0.	-20.8444	2F9-1	1.25268
2F9	0.	COMB12		0.	26.2726	2F9-1	0.
2F9	0.62634	COMB12		0.	12.4342	2F9-1	0.62634
2F9	1.25268	COMB12		0.	-18.4357	2F9-1	1.25268
2F9	0.	COMB13		0.	26.2726	2F9-1	0.
2F9	0.62634	COMB13		0.	12.4342	2F9-1	0.62634
2F9	1.25268	COMB13		0.	-18.4357	2F9-1	1.25268
2F9	0.	ENVOLVENTE	Max	0.	40.2281	2F9-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F9	0.62634	ENVOLVENTE	Max	0.	19.0403	2F9-1	0.62634
2F9	1.25268	ENVOLVENTE	Max	0.	-9.6349	2F9-1	1.25268
2F9	0.	ENVOLVENTE	Min	0.	13.7795	2F9-1	0.
2F9	0.62634	ENVOLVENTE	Min	0.	6.516	2F9-1	0.62634
2F9	1.25268	ENVOLVENTE	Min	0.	-28.2368	2F9-1	1.25268
2FA	0.	COMB1		0.	-11.2407	2FA-1	0.
2FA	0.786	COMB1		0.	2.544	2FA-1	0.786
2FA	1.572	COMB1		0.	-1.936E-14	2FA-1	1.572
2FA	0.	COMB2		0.	-13.6965	2FA-1	0.
2FA	0.786	COMB2		0.	3.1072	2FA-1	0.786
2FA	1.572	COMB2		0.	-1.739E-14	2FA-1	1.572
2FA	0.	COMB3		0.	-9.6349	2FA-1	0.
2FA	0.786	COMB3		0.	2.1806	2FA-1	0.786
2FA	1.572	COMB3		0.	-1.659E-14	2FA-1	1.572
2FA	0.	COMB4		0.	-28.2368	2FA-1	0.
2FA	0.786	COMB4		0.	6.4243	2FA-1	0.786
2FA	1.572	COMB4		0.	-1.244E-14	2FA-1	1.572
2FA	0.	COMB5		0.	-15.2397	2FA-1	0.
2FA	0.786	COMB5		0.	3.4592	2FA-1	0.786
2FA	1.572	COMB5		0.	-9.887E-15	2FA-1	1.572
2FA	0.	COMB6		0.	-28.2368	2FA-1	0.
2FA	0.786	COMB6		0.	6.4243	2FA-1	0.786
2FA	1.572	COMB6		0.	-1.244E-14	2FA-1	1.572
2FA	0.	COMB7		0.	-15.2397	2FA-1	0.
2FA	0.786	COMB7		0.	3.4592	2FA-1	0.786
2FA	1.572	COMB7		0.	-9.887E-15	2FA-1	1.572
2FA	0.	COMB8		0.	-24.906	2FA-1	0.
2FA	0.786	COMB8		0.	5.6644	2FA-1	0.786
2FA	1.572	COMB8		0.	-3.981E-15	2FA-1	1.572
2FA	0.	COMB9		0.	-20.8444	2FA-1	0.
2FA	0.786	COMB9		0.	4.7378	2FA-1	0.786
2FA	1.572	COMB9		0.	-3.183E-15	2FA-1	1.572
2FA	0.	COMB10		0.	-24.906	2FA-1	0.
2FA	0.786	COMB10		0.	5.6644	2FA-1	0.786
2FA	1.572	COMB10		0.	-3.981E-15	2FA-1	1.572
2FA	0.	COMB11		0.	-20.8444	2FA-1	0.
2FA	0.786	COMB11		0.	4.7378	2FA-1	0.786
2FA	1.572	COMB11		0.	-3.183E-15	2FA-1	1.572
2FA	0.	COMB12		0.	-18.4357	2FA-1	0.
2FA	0.786	COMB12		0.	4.1927	2FA-1	0.786
2FA	1.572	COMB12		0.	9.649E-16	2FA-1	1.572
2FA	0.	COMB13		0.	-18.4357	2FA-1	0.
2FA	0.786	COMB13		0.	4.1927	2FA-1	0.786
2FA	1.572	COMB13		0.	9.649E-16	2FA-1	1.572
2FA	0.	ENVOLVENTE	Max	0.	-9.6349	2FA-1	0.
2FA	0.786	ENVOLVENTE	Max	0.	6.4243	2FA-1	0.786
2FA	1.572	ENVOLVENTE	Max	0.	9.649E-16	2FA-1	1.572

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2FA	0.	ENVOLVENTE	Min	0.	-28.2368	2FA-1	0.
2FA	0.786	ENVOLVENTE	Min	0.	2.1806	2FA-1	0.786
2FA	1.572	ENVOLVENTE	Min	0.	-1.936E-14	2FA-1	1.572

Table: Frame Auto Mesh Assignments

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
2CB	Yes	Yes	No	0	0.	0.
2CC	Yes	Yes	No	0	0.	0.
2CF	Yes	Yes	No	0	0.	0.
2DA	Yes	Yes	No	0	0.	0.
2DB	Yes	Yes	No	0	0.	0.
2EA	Yes	Yes	No	0	0.	0.
2EB	Yes	Yes	No	0	0.	0.
2EC	Yes	Yes	No	0	0.	0.
2ED	Yes	Yes	No	0	0.	0.
2EE	Yes	Yes	No	0	0.	0.
2EF	Yes	Yes	No	0	0.	0.
2F0	Yes	Yes	No	0	0.	0.
2F1	Yes	Yes	No	0	0.	0.
2F2	Yes	Yes	No	0	0.	0.
2F3	Yes	Yes	No	0	0.	0.
2F4	Yes	Yes	No	0	0.	0.
2F5	Yes	Yes	No	0	0.	0.
2F6	Yes	Yes	No	0	0.	0.
2F7	Yes	Yes	No	0	0.	0.
2F8	Yes	Yes	No	0	0.	0.
2F9	Yes	Yes	No	0	0.	0.
2FA	Yes	Yes	No	0	0.	0.

Table: Frame Load Transfer Options

Table: Frame Load Transfer Options

Frame	Transfer
2CB	Yes
2CC	Yes
2CF	Yes
2DA	Yes
2DB	Yes
2EA	Yes
2EB	Yes
2EC	Yes
2ED	Yes
2EE	Yes
2EF	Yes

Table: Frame Load Transfer Options

Frame	Transfer
2F0	Yes
2F1	Yes
2F2	Yes
2F3	Yes
2F4	Yes
2F5	Yes
2F6	Yes
2F7	Yes
2F8	Yes
2F9	Yes
2FA	Yes

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
2F4	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2F4	LIVE	GLOBAL	Force	Gravity	RelDist	0.
2F4	VC	GLOBAL	Force	Gravity	RelDist	0.
2F4	VS	GLOBAL	Force	Gravity	RelDist	0.
2F5	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2F5	LIVE	GLOBAL	Force	Gravity	RelDist	0.
2F5	VC	GLOBAL	Force	Gravity	RelDist	0.
2F5	VS	GLOBAL	Force	Gravity	RelDist	0.
2F6	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2F6	LIVE	GLOBAL	Force	Gravity	RelDist	0.
2F6	VC	GLOBAL	Force	Gravity	RelDist	0.
2F6	VS	GLOBAL	Force	Gravity	RelDist	0.
2F7	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2F7	LIVE	GLOBAL	Force	Gravity	RelDist	0.
2F7	VC	GLOBAL	Force	Gravity	RelDist	0.
2F7	VS	GLOBAL	Force	Gravity	RelDist	0.
2F8	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2F8	LIVE	GLOBAL	Force	Gravity	RelDist	0.
2F8	VC	GLOBAL	Force	Gravity	RelDist	0.
2F8	VS	GLOBAL	Force	Gravity	RelDist	0.
2F9	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2F9	LIVE	GLOBAL	Force	Gravity	RelDist	0.
2F9	VC	GLOBAL	Force	Gravity	RelDist	0.
2F9	VS	GLOBAL	Force	Gravity	RelDist	0.
2FA	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2FA	LIVE	GLOBAL	Force	Gravity	RelDist	0.
2FA	VC	GLOBAL	Force	Gravity	RelDist	0.
2FA	VS	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
2F4	DEAD	1.	0.	1.18202	19.35	19.35

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
2F4	LIVE	1.	0.	1.18202	19.74	19.74
2F4	VC	1.	0.	1.18202	27.24	27.24
2F4	VS	1.	0.	1.18202	27.24	27.24
2F5	DEAD	1.	0.	1.13641	19.35	19.35
2F5	LIVE	1.	0.	1.13641	19.74	19.74
2F5	VC	1.	0.	1.13641	27.24	27.24
2F5	VS	1.	0.	1.13641	27.24	27.24
2F6	DEAD	1.	0.	1.22999	19.35	19.35
2F6	LIVE	1.	0.	1.22999	19.74	19.74
2F6	VC	1.	0.	1.22999	27.24	27.24
2F6	VS	1.	0.	1.22999	27.24	27.24
2F7	DEAD	1.	0.	1.23001	19.35	19.35
2F7	LIVE	1.	0.	1.23001	19.74	19.74
2F7	VC	1.	0.	1.23001	27.24	27.24
2F7	VS	1.	0.	1.23001	27.24	27.24
2F8	DEAD	1.	0.	1.23	19.35	19.35
2F8	LIVE	1.	0.	1.23	19.74	19.74
2F8	VC	1.	0.	1.23	27.24	27.24
2F8	VS	1.	0.	1.23	27.24	27.24
2F9	DEAD	1.	0.	1.25268	19.35	19.35
2F9	LIVE	1.	0.	1.25268	19.74	19.74
2F9	VC	1.	0.	1.25268	27.24	27.24
2F9	VS	1.	0.	1.25268	27.24	27.24
2FA	DEAD	1.	0.	1.572	19.35	19.35
2FA	LIVE	1.	0.	1.572	19.74	19.74
2FA	VC	1.	0.	1.572	27.24	27.24
2FA	VS	1.	0.	1.572	27.24	27.24

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
2F4	DEAD	f2ee39f8-b81e-49c3-8111-dd856007a3b0
2F4	LIVE	f923b129-52fa-4102-94f9-784377a903eb
2F4	VC	f78ab363-31f5-4bd9-9cde-2e6e906fbb14
2F4	VS	f44cc86c-ad38-4d92-a822-52f3536c6215
2F5	DEAD	bd9979d8-b6ba-4e5e-9314-2487dc2f71ba
2F5	LIVE	016d8c7e-6834-415d-97e1-d90afe6aaee8
2F5	VC	9cb6bf1d-7c15-4d4c-ad41-e3cce40e4d72
2F5	VS	6ccce3ff-c8b8-469c-a9d5-daae1c6ed040
2F6	DEAD	8fea0f8b-1d92-4b85-9c1b-2218f4e78f07
2F6	LIVE	d07d6982-2f3f-40a2-b0bd-203819df42a1
2F6	VC	b5bf369b-5542-4529-b4d2-d952c84d476b

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
2F6	VS	288fa8d0-6246-48e7-b195-5c5fac863704
2F7	DEAD	e9e16b2b-efa3-492d-bbe5-9d349bf959ba
2F7	LIVE	4f128e7e-c5df-4f73-acd2-c677eb54905e
2F7	VC	26dae0b8-d362-41c0-9d2e-4e20f2605ff8
2F7	VS	36a25201-31bd-4cb6-9118-1e04a81dbd6e
2F8	DEAD	5f4b81d4-6014-442a-80b2-7bf8fa7d5ef9
2F8	LIVE	f9c950d0-1252-40a6-99d9-c3e4ababd3ec
2F8	VC	2e6e1d7e-3944-4e81-ad50-cf1b2444b9de
2F8	VS	32e9fa7c-7d3c-4471-8201-7ee277a9a81a
2F9	DEAD	4123a422-d929-496b-8629-af0bce69fc00
2F9	LIVE	c7fc1d35-d224-4d8c-a724-e0e1bbf84c34
2F9	VC	b70eb936-6df0-4676-b26d-ca7e8b8e7b54
2F9	VS	022a33ba-5823-4a50-8f5b-9b923732cc90
2FA	DEAD	d0edd7a3-b380-4c7a-941b-66b62cc09eef
2FA	LIVE	bd224e0f-7f1d-48d5-8975-26616498c85e
2FA	VC	8e8af9d3-9327-41ea-a038-defbdeb14223
2FA	VS	6e6964e8-3f17-4f71-8419-110286edfb5d

Table: Frame Output Station Assignments

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
2CB	MinNumSta	3		Yes	Yes
2CC	MaxStaSpcg		0.5	Yes	Yes
2CF	MinNumSta	3		Yes	Yes
2DA	MaxStaSpcg		0.5	Yes	Yes
2DB	MaxStaSpcg		0.5	Yes	Yes
2EA	MinNumSta	3		Yes	Yes
2EB	MinNumSta	3		Yes	Yes
2EC	MinNumSta	3		Yes	Yes
2ED	MinNumSta	3		Yes	Yes
2EE	MinNumSta	3		Yes	Yes
2EF	MinNumSta	3		Yes	Yes
2F0	MinNumSta	3		Yes	Yes
2F1	MinNumSta	3		Yes	Yes
2F2	MinNumSta	3		Yes	Yes
2F3	MinNumSta	3		Yes	Yes
2F4	MinNumSta	3		Yes	Yes

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
2F5	MinNumSta	3		Yes	Yes
2F6	MinNumSta	3		Yes	Yes
2F7	MinNumSta	3		Yes	Yes
2F8	MinNumSta	3		Yes	Yes
2F9	MinNumSta	3		Yes	Yes
2FA	MinNumSta	3		Yes	Yes

Table: Frame Release Assignments 1 - General, Part 1 of 2

Table: Frame Release Assignments 1 - General, Part 1 of 2

Frame	PI	V2I	V3I	TI	M2I	M3I	PJ	V2J
2CB	No	No	No	Yes	Yes	Yes	No	No
2CF	No	No	No	Yes	Yes	Yes	No	No
2EA	No	No	No	Yes	Yes	Yes	No	No
2EC	No	No	No	Yes	Yes	Yes	No	No
2EE	No	No	No	Yes	Yes	Yes	No	No
2F0	No	No	No	Yes	Yes	Yes	No	No
2F2	No	No	No	Yes	Yes	Yes	No	No
2F3	No	No	No	Yes	Yes	Yes	No	No

Table: Frame Release Assignments 1 - General, Part 2 of 2

Table: Frame Release Assignments 1 - General, Part 2 of 2

Frame	V3J	TJ	M2J	M3J	PartialFix
2CB	No	No	Yes	Yes	No
2CF	No	No	Yes	Yes	No
2EA	No	No	Yes	Yes	No
2EC	No	No	Yes	Yes	No
2EE	No	No	Yes	Yes	No
2F0	No	No	Yes	Yes	No
2F2	No	No	Yes	Yes	No
2F3	No	No	Yes	Yes	No

Table: Frame Section Assignments

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
2CB	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2CC	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2CF	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2DA	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2DB	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2EA	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2EB	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2EC	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2ED	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2EE	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2EF	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
2F0	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2F1	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2F2	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2F3	Double Angle	N.A.	D.A.L.I 50x3mm	D.A.L.I 50x3mm	Default
2F4	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2F5	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2F6	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2F7	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2F8	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2F9	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default
2FA	Double Angle	N.A.	D.A.L.I 64X6 mm	N.A.	Default

Table: Frame Section Properties 01 - General, Part 1 of 8

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	t3	t2	SngAngWid	tf
			m	m	m	m
3CMX3MM	A992Fy50	Pipe	0.03			
5CMX3MM	MAT0	Pipe	0.05			
CIR1 1/2" 1.5mm	A500GrC	Pipe	0.0483			
CIR1 1/2" 2.0mm	A500GrC	Pipe	0.0483			
CIR1 1/2" 2.5mm	A500GrC	Pipe	0.0483			
CIR1 1/2" 3.0mm	A500GrC	Pipe	0.0483			
CIR1 1/4" 2.5mm	A500GrC	Pipe	0.0422			
CIR1 1/4" 3.0mm	A500GrC	Pipe	0.0422			
CIR1" 2.5mm	A500GrC	Pipe	0.0334			
CIR1" 3.0mm	A500GrC	Pipe	0.0334			
CIR1/2 1.5mm	A500GrC	Pipe	0.0213			
CIR10" 9.3mm	A500GrC	Pipe	0.2731			
CIR12" 10.3mm	A500GrC	Pipe	0.3239			
CIR16" 12.7mm	A500GrC	Pipe	0.4064			
CIR2 1/2" 2.0mm	A500GrC	Pipe	0.0729			
CIR2 1/2" 2.5mm	A500GrC	Pipe	0.0729			
CIR2 1/2" 3.0mm	A500GrC	Pipe	0.0729			
CIR2 1/2" 4.0mm	A500GrC	Pipe	0.0729			
CIR2" 2.0mm	A500GrC	Pipe	0.0602			
CIR2" 2.5mm	A500GrC	Pipe	0.0602			
CIR2" 3.0mm	A500GrC	Pipe	0.0602			
CIR2" 4.0mm	A500GrC	Pipe	0.0602			
CIR20" 12.7mm	A500GrC	Pipe	0.508			
CIR24" 12.7mm	A500GrC	Pipe	0.6096			
CIR3" 2.0mm	A500GrC	Pipe	0.0889			
CIR3" 2.5mm	A500GrC	Pipe	0.0889			
CIR3" 3.0mm	A500GrC	Pipe	0.0889			
CIR3" 4.0mm	A500GrC	Pipe	0.0889			
CIR3/4 2mm	A500GrC	Pipe	0.0267			
CIR4" 2.0mm	A500GrC	Pipe	0.1143			
CIR4" 2.5mm	A500GrC	Pipe	0.1143			
CIR4" 3.0mm	A500GrC	Pipe	0.1143			
CIR4" 4.0mm	A500GrC	Pipe	0.1143			
CIR4" 6.0mm	A500GrC	Pipe	0.1143			
CIR6" 4.0mm	A500GrC	Pipe	0.1682			
CIR6" 6.0mm	A500GrC	Pipe	0.1682			

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	t3	t2	SngAngWid	tf
			m	m	m	m
CIR6" 7.1mm	A500GrC	Pipe	0.1682			
CIR8" 5.0mm	A500GrC	Pipe	0.2191			
CIR8" 8.2mm	A500GrC	Pipe	0.2191			
D.A.L.I 50x3mm	A992Fy50	Double Angle	0.05	0.29	0.05	0.003
D.A.L.I 50x5 mm	A615Gr60	Box/Tube	0.05	0.05		0.005
D.A.L.I 64X6 mm	A615Gr60	Double Angle	0.064	0.318	0.064	0.006
D.A.L.I 80X6 mm	A615Gr60	Double Angle	0.08	0.21	0.08	0.006
PTE 100X100X5.0 - A304	AIS A304	Box/Tube	0.1	0.1		0.005
PTE 150X150X6.0	A500GrC	Box/Tube	0.15	0.15		0.006
PTE 150X150X6.0 - A304	AIS A304	Box/Tube	0.15	0.15		0.006
PTE 200X200X5.0	A500GrC	Box/Tube	0.2	0.2		0.005
PTE 200X200X5.0 - A304	AIS A304	Box/Tube	0.2	0.2		0.005
PTE 70X70X2.0	A500GrC	Box/Tube	0.07	0.07		0.002
PTE 70X70X2.0 - A304	AIS A304	Box/Tube	0.07	0.07		0.002
PTE 75X75X6.0	A500GrC	Box/Tube	0.075	0.075		0.006
TEN	A615Gr60	Circle	0.009525			
TEN 1/2	A615Gr60	Circle	0.012705			
W18X35	A992Fy50	I/Wide Flange	0.44958	0.1524		0.010795

Table: Frame Section Properties 01 - General, Part 2 of 8

Table: Frame Section Properties 01 - General, Part 2 of 8

SectionName	tw	t2b	tfb	dis	FilletRadius	Area	TorsConst
	m	m	m	m	m	m2	m4
3CMX3MM	0.003					0.000254	4.695E-08
5CMX3MM	0.003					0.000443	2.456E-07
CIR1 1/2" 1.5mm	0.0015					0.000221	1.209E-07
CIR1 1/2" 2.0mm	0.002					0.000291	1.562E-07
CIR1 1/2" 2.5mm	0.0025					0.00036	1.892E-07
CIR1 1/2" 3.0mm	0.003					0.000427	2.200E-07
CIR1 1/4" 2.5mm	0.0025					0.000312	1.233E-07
CIR1 1/4" 3.0mm	0.003					0.000369	1.428E-07
CIR1" 2.5mm	0.0025					0.000243	5.831E-08
CIR1" 3.0mm	0.003					0.000287	6.684E-08
CIR1/2 1.5mm	0.0015					0.000093	9.197E-09
CIR10" 9.3mm	0.0093					0.007707	0.000134
CIR12" 10.3mm	0.0103					0.010148	0.00025
CIR16" 12.7mm	0.0127					0.015708	0.000609
CIR2 1/2" 2.0mm	0.002					0.000445	5.603E-07
CIR2 1/2" 2.5mm	0.0025					0.000553	6.860E-07
CIR2 1/2" 3.0mm	0.003					0.000659	8.062E-07
CIR2 1/2" 4.0mm	0.004					0.000866	1.031E-06
CIR2" 2.0mm	0.002					0.000366	3.100E-07
CIR2" 2.5mm	0.0025					0.000453	3.779E-07
CIR2" 3.0mm	0.003					0.000539	4.422E-07
CIR2" 4.0mm	0.004					0.000706	5.605E-07
CIR20" 12.7mm	0.0127					0.019762	0.001213
CIR24" 12.7mm	0.0127					0.023815	0.002122
CIR3" 2.0mm	0.002					0.000546	1.031E-06
CIR3" 2.5mm	0.0025					0.000679	1.267E-06

Table: Frame Section Properties 01 - General, Part 2 of 8

SectionName	tw	t2b	tfb	dis	FilletRadius	Area	TorsConst
	m	m	m	m	m	m2	m4
CIR3" 3.0mm	0.003					0.00081	1.495E-06
CIR3" 4.0mm	0.004					0.001067	1.927E-06
CIR3/4 2mm	0.002					0.000155	2.383E-08
CIR4" 2.0mm	0.002					0.000706	2.225E-06
CIR4" 2.5mm	0.0025					0.000878	2.745E-06
CIR4" 3.0mm	0.003					0.001049	3.251E-06
CIR4" 4.0mm	0.004					0.001386	4.221E-06
CIR4" 6.0mm	0.006					0.002041	6.004E-06
CIR6" 4.0mm	0.004					0.002063	0.000014
CIR6" 6.0mm	0.006					0.003057	0.00002
CIR6" 7.1mm	0.0071					0.003593	0.000023
CIR8" 5.0mm	0.005					0.003363	0.000039
CIR8" 8.2mm	0.0082					0.005433	0.000061
D.A.L.I 50x3mm	0.003			0.19	0.	0.000582	1.706E-09
D.A.L.I 50x5 mm	0.005				0.	0.0009	4.556E-07
D.A.L.I 64X6 mm	0.006			0.19	0.	0.001464	1.693E-08
D.A.L.I 80X6 mm	0.006			0.05	0.	0.001848	2.154E-08
PTE 100X100X5.0 - A304	0.005				0.	0.0019	4.287E-06
PTE 150X150X6.0	0.006				0.	0.003456	0.000018
PTE 150X150X6.0 - A304	0.006				0.	0.003456	0.000018
PTE 200X200X5.0	0.005				0.	0.0039	0.000037
PTE 200X200X5.0 - A304	0.005				0.	0.0039	0.000037
PTE 70X70X2.0	0.002				0.	0.000544	6.289E-07
PTE 70X70X2.0 - A304	0.002				0.	0.000544	6.289E-07
PTE 75X75X6.0	0.006				0.	0.001656	1.971E-06
TEN						0.000071	8.081E-10
TEN 1/2						0.000127	2.558E-09
W18X35	0.00762	0.1524	0.010795		0.010211	0.006645	2.106E-07

Table: Frame Section Properties 01 - General, Part 3 of 8

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	I33	I22	I23	AS2	AS3	S33Top	S33Bot
	m4	m4	m4	m2	m2	m3	m3
3CMX3MM	2.347E-08	2.347E-08	0.	0.000128	0.000128	1.565E-06	1.565E-06
5CMX3MM	1.228E-07	1.228E-07	0.	0.000222	0.000222	4.912E-06	4.912E-06
CIR1 1/2" 1.5mm	6.044E-08	6.044E-08	0.	0.00011	0.00011	2.503E-06	2.503E-06
CIR1 1/2" 2.0mm	7.810E-08	7.810E-08	0.	0.000146	0.000146	3.234E-06	3.234E-06
CIR1 1/2" 2.5mm	9.460E-08	9.460E-08	0.	0.00018	0.00018	3.917E-06	3.917E-06
CIR1 1/2" 3.0mm	1.100E-07	1.100E-07	0.	0.000214	0.000214	4.555E-06	4.555E-06
CIR1 1/4" 2.5mm	6.167E-08	6.167E-08	0.	0.000156	0.000156	2.923E-06	2.923E-06
CIR1 1/4" 3.0mm	7.138E-08	7.138E-08	0.	0.000185	0.000185	3.383E-06	3.383E-06
CIR1" 2.5mm	2.915E-08	2.915E-08	0.	0.000122	0.000122	1.746E-06	1.746E-06
CIR1" 3.0mm	3.342E-08	3.342E-08	0.	0.000144	0.000144	2.001E-06	2.001E-06
CIR1/2 1.5mm	4.599E-09	4.599E-09	0.	0.000047	0.000047	4.318E-07	4.318E-07
CIR10" 9.3mm	0.000067	0.000067	0.	0.003857	0.003857	0.000492	0.000492
CIR12" 10.3mm	0.000125	0.000125	0.	0.005077	0.005077	0.000771	0.000771
CIR16" 12.7mm	0.000305	0.000305	0.	0.007859	0.007859	0.001499	0.001499
CIR2 1/2" 2.0mm	2.801E-07	2.801E-07	0.	0.000223	0.000223	7.686E-06	7.686E-06
CIR2 1/2" 2.5mm	3.430E-07	3.430E-07	0.	0.000277	0.000277	9.410E-06	9.410E-06

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	I33	I22	I23	AS2	AS3	S33Top	S33Bot
	m4	m4	m4	m2	m2	m3	m3
CIR2 1/2" 3.0mm	4.031E-07	4.031E-07	0.	0.00033	0.00033	0.000011	0.000011
CIR2 1/2" 4.0mm	5.155E-07	5.155E-07	0.	0.000434	0.000434	0.000014	0.000014
CIR2" 2.0mm	1.550E-07	1.550E-07	0.	0.000183	0.000183	5.150E-06	5.150E-06
CIR2" 2.5mm	1.889E-07	1.889E-07	0.	0.000227	0.000227	6.277E-06	6.277E-06
CIR2" 3.0mm	2.211E-07	2.211E-07	0.	0.00027	0.00027	7.345E-06	7.345E-06
CIR2" 4.0mm	2.802E-07	2.802E-07	0.	0.000354	0.000354	9.310E-06	9.310E-06
CIR20" 12.7mm	0.000606	0.000606	0.	0.009885	0.009885	0.002387	0.002387
CIR24" 12.7mm	0.001061	0.001061	0.	0.011911	0.011911	0.003481	0.003481
CIR3" 2.0mm	5.157E-07	5.157E-07	0.	0.000273	0.000273	0.000012	0.000012
CIR3" 2.5mm	6.337E-07	6.337E-07	0.	0.000339	0.000339	0.000014	0.000014
CIR3" 3.0mm	7.476E-07	7.476E-07	0.	0.000405	0.000405	0.000017	0.000017
CIR3" 4.0mm	9.634E-07	9.634E-07	0.	0.000534	0.000534	0.000022	0.000022
CIR3/4 2mm	1.191E-08	1.191E-08	0.	0.000078	0.000078	8.924E-07	8.924E-07
CIR4" 2.0mm	1.113E-06	1.113E-06	0.	0.000353	0.000353	0.000019	0.000019
CIR4" 2.5mm	1.373E-06	1.373E-06	0.	0.000439	0.000439	0.000024	0.000024
CIR4" 3.0mm	1.625E-06	1.625E-06	0.	0.000525	0.000525	0.000028	0.000028
CIR4" 4.0mm	2.111E-06	2.111E-06	0.	0.000694	0.000694	0.000037	0.000037
CIR4" 6.0mm	3.002E-06	3.002E-06	0.	0.001023	0.001023	0.000053	0.000053
CIR6" 4.0mm	6.958E-06	6.958E-06	0.	0.001032	0.001032	0.000083	0.000083
CIR6" 6.0mm	0.00001	0.00001	0.	0.00153	0.00153	0.00012	0.00012
CIR6" 7.1mm	0.000012	0.000012	0.	0.001799	0.001799	0.000139	0.000139
CIR8" 5.0mm	0.000019	0.000019	0.	0.001682	0.001682	0.000176	0.000176
CIR8" 8.2mm	0.00003	0.00003	0.	0.002719	0.002719	0.000276	0.000276
D.A.L.I 50x3mm	1.430E-07	7.009E-06	0.	0.0003	0.0003	0.000011	3.930E-06
D.A.L.I 50x5 mm	3.075E-07	3.075E-07	0.	0.0005	0.0005	0.000012	0.000012
D.A.L.I 64X6 mm	5.713E-07	0.000019	0.	0.000768	0.000768	0.000031	0.000012
D.A.L.I 80X6 mm	1.146E-06	5.267E-06	0.	0.00096	0.00096	0.000052	0.00002
PTE 100X100X5.0 - A304	2.866E-06	2.866E-06	0.	0.001	0.001	0.000057	0.000057
PTE 150X150X6.0	0.000012	0.000012	0.	0.0018	0.0018	0.00016	0.00016
PTE 150X150X6.0 - A304	0.000012	0.000012	0.	0.0018	0.0018	0.00016	0.00016
PTE 200X200X5.0	0.000025	0.000025	0.	0.002	0.002	0.000247	0.000247
PTE 200X200X5.0 - A304	0.000025	0.000025	0.	0.002	0.002	0.000247	0.000247
PTE 70X70X2.0	4.196E-07	4.196E-07	0.	0.00028	0.00028	0.000012	0.000012
PTE 70X70X2.0 - A304	4.196E-07	4.196E-07	0.	0.00028	0.00028	0.000012	0.000012
PTE 75X75X6.0	1.324E-06	1.324E-06	0.	0.0009	0.0009	0.000035	0.000035
TEN	4.040E-10	4.040E-10	0.	0.000064	0.000064	8.484E-08	8.484E-08
TEN 1/2	1.279E-09	1.279E-09	0.	0.000114	0.000114	2.013E-07	2.013E-07
W18X35	0.000212	6.368E-06	0.	0.003426	0.002742	0.000944	0.000944

Table: Frame Section Properties 01 - General, Part 4 of 8

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	S22Left	S22Right	Z33	Z22	R33	R22	CGOffset3
	m3	m3	m3	m3	m	m	m
3CMX3MM	1.565E-06	1.565E-06	2.196E-06	2.196E-06	0.009605	0.009605	0.
5CMX3MM	4.912E-06	4.912E-06	6.636E-06	6.636E-06	0.016651	0.016651	0.
CIR1 1/2" 1.5mm	2.503E-06	2.503E-06	3.286E-06	3.286E-06	0.016555	0.016555	0.
CIR1 1/2" 2.0mm	3.234E-06	3.234E-06	4.290E-06	4.290E-06	0.016385	0.016385	0.
CIR1 1/2" 2.5mm	3.917E-06	3.917E-06	5.249E-06	5.249E-06	0.016217	0.016217	0.
CIR1 1/2" 3.0mm	4.555E-06	4.555E-06	6.165E-06	6.165E-06	0.016051	0.016051	0.

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	S22Left	S22Right	Z33	Z22	R33	R22	CGOffset3
	m3	m3	m3	m3	m	m	m
CIR1 1/4" 2.5mm	2.923E-06	2.923E-06	3.945E-06	3.945E-06	0.014064	0.014064	0.
CIR1 1/4" 3.0mm	3.383E-06	3.383E-06	4.619E-06	4.619E-06	0.0139	0.0139	0.
CIR1" 2.5mm	1.746E-06	1.746E-06	2.392E-06	2.392E-06	0.01096	0.01096	0.
CIR1" 3.0mm	2.001E-06	2.001E-06	2.781E-06	2.781E-06	0.0108	0.0108	0.
CIR1/2 1.5mm	4.318E-07	4.318E-07	5.892E-07	5.892E-07	0.00702	0.00702	0.
CIR10" 9.3mm	0.000492	0.000492	0.000647	0.000647	0.093325	0.093325	0.
CIR12" 10.3mm	0.000771	0.000771	0.001013	0.001013	0.110934	0.110934	0.
CIR16" 12.7mm	0.001499	0.001499	0.001969	0.001969	0.139266	0.139266	0.
CIR2 1/2" 2.0mm	7.686E-06	7.686E-06	0.00001	0.00001	0.025077	0.025077	0.
CIR2 1/2" 2.5mm	9.410E-06	9.410E-06	0.000012	0.000012	0.024906	0.024906	0.
CIR2 1/2" 3.0mm	0.000011	0.000011	0.000015	0.000015	0.024736	0.024736	0.
CIR2 1/2" 4.0mm	0.000014	0.000014	0.000019	0.000019	0.024401	0.024401	0.
CIR2" 2.0mm	5.150E-06	5.150E-06	6.777E-06	6.777E-06	0.020589	0.020589	0.
CIR2" 2.5mm	6.277E-06	6.277E-06	8.328E-06	8.328E-06	0.020419	0.020419	0.
CIR2" 3.0mm	7.345E-06	7.345E-06	9.825E-06	9.825E-06	0.020251	0.020251	0.
CIR2" 4.0mm	9.310E-06	9.310E-06	0.000013	0.000013	0.01992	0.01992	0.
CIR20" 12.7mm	0.002387	0.002387	0.003116	0.003116	0.175173	0.175173	0.
CIR24" 12.7mm	0.003481	0.003481	0.004526	0.004526	0.211084	0.211084	0.
CIR3" 2.0mm	0.000012	0.000012	0.000015	0.000015	0.030732	0.030732	0.
CIR3" 2.5mm	0.000014	0.000014	0.000019	0.000019	0.03056	0.03056	0.
CIR3" 3.0mm	0.000017	0.000017	0.000022	0.000022	0.030389	0.030389	0.
CIR3" 4.0mm	0.000022	0.000022	0.000029	0.000029	0.03005	0.03005	0.
CIR3/4 2mm	8.924E-07	8.924E-07	1.223E-06	1.223E-06	0.008761	0.008761	0.
CIR4" 2.0mm	0.000019	0.000019	0.000025	0.000025	0.03971	0.03971	0.
CIR4" 2.5mm	0.000024	0.000024	0.000031	0.000031	0.039537	0.039537	0.
CIR4" 3.0mm	0.000028	0.000028	0.000037	0.000037	0.039365	0.039365	0.
CIR4" 4.0mm	0.000037	0.000037	0.000049	0.000049	0.039023	0.039023	0.
CIR4" 6.0mm	0.000053	0.000053	0.00007	0.00007	0.038349	0.038349	0.
CIR6" 4.0mm	0.000083	0.000083	0.000108	0.000108	0.058071	0.058071	0.
CIR6" 6.0mm	0.00012	0.00012	0.000158	0.000158	0.057386	0.057386	0.
CIR6" 7.1mm	0.000139	0.000139	0.000184	0.000184	0.057013	0.057013	0.
CIR8" 5.0mm	0.000176	0.000176	0.000229	0.000229	0.075716	0.075716	0.
CIR8" 8.2mm	0.000276	0.000276	0.000365	0.000365	0.074621	0.074621	0.
D.A.L.I 50x3mm	0.000048	0.000048	7.076E-06	0.000063	0.015674	0.109739	0.
D.A.L.I 50x5 mm	0.000012	0.000012	0.000015	0.000015	0.018484	0.018484	0.
D.A.L.I 64X6 mm	0.000122	0.000122	0.000022	0.000166	0.019754	0.114924	0.
D.A.L.I 80X6 mm	0.00005	0.00005	0.000036	0.000087	0.024904	0.053386	0.
PTE 100X100X5.0 - A304	0.000057	0.000057	0.000068	0.000068	0.038837	0.038837	0.
PTE 150X150X6.0	0.00016	0.00016	0.000187	0.000187	0.058839	0.058839	0.
PTE 150X150X6.0 - A304	0.00016	0.00016	0.000187	0.000187	0.058839	0.058839	0.
PTE 200X200X5.0	0.000247	0.000247	0.000285	0.000285	0.079635	0.079635	0.
PTE 200X200X5.0 - A304	0.000247	0.000247	0.000285	0.000285	0.079635	0.079635	0.
PTE 70X70X2.0	0.000012	0.000012	0.000014	0.000014	0.027773	0.027773	0.
PTE 70X70X2.0 - A304	0.000012	0.000012	0.000014	0.000014	0.027773	0.027773	0.
PTE 75X75X6.0	0.000035	0.000035	0.000043	0.000043	0.028275	0.028275	0.
TEN	8.484E-08	8.484E-08	1.440E-07	1.440E-07	0.002381	0.002381	0.
TEN 1/2	2.013E-07	2.013E-07	3.418E-07	3.418E-07	0.003176	0.003176	0.
W18X35	0.000084	0.000084	0.00109	0.000132	0.178731	0.030957	0.

Table: Frame Section Properties 01 - General, Part 5 of 8

Table: Frame Section Properties 01 - General, Part 5 of 8

SectionName	CGOffset2	EccV2	EccV3	Cw	ConcCol	ConcBeam	Color
	m	m	m	m6			
3CMX3MM	0.	0.	0.	0.	No	No	Magenta
5CMX3MM	0.	0.	0.	0.	No	No	Cyan
CIR1 1/2" 1.5mm	0.	0.	0.	0.	No	No	Gray8Dark
CIR1 1/2" 2.0mm	0.	0.	0.	0.	No	No	Green
CIR1 1/2" 2.5mm	0.	0.	0.	0.	No	No	Red
CIR1 1/2" 3.0mm	0.	0.	0.	0.	No	No	Yellow
CIR1 1/4" 2.5mm	0.	0.	0.	0.	No	No	Cyan
CIR1 1/4" 3.0mm	0.	0.	0.	0.	No	No	Magenta
CIR1" 2.5mm	0.	0.	0.	0.	No	No	Yellow
CIR1" 3.0mm	0.	0.	0.	0.	No	No	Blue
CIR1/2 1.5mm	0.	0.	0.	0.	No	No	Gray8Dark
CIR10" 9.3mm	0.	0.	0.	0.	No	No	Gray8Dark
CIR12" 10.3mm	0.	0.	0.	0.	No	No	Green
CIR16" 12.7mm	0.	0.	0.	0.	No	No	Yellow
CIR2 1/2" 2.0mm	0.	0.	0.	0.	No	No	Yellow
CIR2 1/2" 2.5mm	0.	0.	0.	0.	No	No	Blue
CIR2 1/2" 3.0mm	0.	0.	0.	0.	No	No	Cyan
CIR2 1/2" 4.0mm	0.	0.	0.	0.	No	No	Magenta
CIR2" 2.0mm	0.	0.	0.	0.	No	No	Blue
CIR2" 2.5mm	0.	0.	0.	0.	No	No	Magenta
CIR2" 3.0mm	0.	0.	0.	0.	No	No	Gray8Dark
CIR2" 4.0mm	0.	0.	0.	0.	No	No	Green
CIR20" 12.7mm	0.	0.	0.	0.	No	No	Blue
CIR24" 12.7mm	0.	0.	0.	0.	No	No	Cyan
CIR3" 2.0mm	0.	0.	0.	0.	No	No	Gray8Dark
CIR3" 2.5mm	0.	0.	0.	0.	No	No	Green
CIR3" 3.0mm	0.	0.	0.	0.	No	No	Red
CIR3" 4.0mm	0.	0.	0.	0.	No	No	Yellow
CIR3/4 2mm	0.	0.	0.	0.	No	No	Red
CIR4" 2.0mm	0.	0.	0.	0.	No	No	Blue
CIR4" 2.5mm	0.	0.	0.	0.	No	No	Cyan
CIR4" 3.0mm	0.	0.	0.	0.	No	No	Magenta
CIR4" 4.0mm	0.	0.	0.	0.	No	No	Gray8Dark
CIR4" 6.0mm	0.	0.	0.	0.	No	No	Green
CIR6" 4.0mm	0.	0.	0.	0.	No	No	Red
CIR6" 6.0mm	0.	0.	0.	0.	No	No	Yellow
CIR6" 7.1mm	0.	0.	0.	0.	No	No	Blue
CIR8" 5.0mm	0.	0.	0.	0.	No	No	Cyan
CIR8" 8.2mm	0.	0.	0.	0.	No	No	Magenta
D.A.L.I 50x3mm	0.011387	0.	0.012113	3.423E-13	No	No	Blue
D.A.L.I 50x5 mm	0.	0.	0.	0.	No	No	Yellow
D.A.L.I 64X6 mm	0.013787	0.	0.015211	5.448E-12	No	No	Green
D.A.L.I 80X6 mm	0.017779	0.	0.019209	1.096E-11	No	No	Red
PTE 100X100X5.0 - A304	0.	0.	0.	0.	No	No	Yellow
PTE 150X150X6.0	0.	0.	0.	0.	No	No	Green
PTE 150X150X6.0 - A304	0.	0.	0.	0.	No	No	Magenta
PTE 200X200X5.0	0.	0.	0.	0.	No	No	Cyan
PTE 200X200X5.0 - A304	0.	0.	0.	0.	No	No	Red
PTE 70X70X2.0	0.	0.	0.	0.	No	No	Blue

Table: Frame Section Properties 01 - General, Part 5 of 8

SectionName	CGOffset2	EccV2	EccV3	Cw	ConcCol	ConcBeam	Color
	m	m	m	m6			
PTE 70X70X2.0 - A304	0.	0.	0.	0.	No	No	Green
PTE 75X75X6.0	0.	0.	0.	0.	No	No	Green
TEN	0.	0.	0.	0.	No	No	Gray8Dark
TEN 1/2	0.	0.	0.	0.	No	No	Green
W18X35	0.	0.	0.	3.065E-07	No	No	Cyan

Table: Frame Section Properties 01 - General, Part 6 of 8

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	TotalWt	TotalMass	FromFile	AMod	A2Mod	A3Mod	JMod
	KN	KN-s2/m					
3CMX3MM	0.	0.	No	1.	1.	1.	1.
5CMX3MM	0.	0.	No	1.	1.	1.	1.
CIR1 1/2" 1.5mm	0.	0.	No	1.	1.	1.	1.
CIR1 1/2" 2.0mm	0.	0.	No	1.	1.	1.	1.
CIR1 1/2" 2.5mm	0.	0.	No	1.	1.	1.	1.
CIR1 1/2" 3.0mm	0.	0.	No	1.	1.	1.	1.
CIR1 1/4" 2.5mm	0.	0.	No	1.	1.	1.	1.
CIR1 1/4" 3.0mm	0.	0.	No	1.	1.	1.	1.
CIR1" 2.5mm	0.	0.	No	1.	1.	1.	1.
CIR1" 3.0mm	0.	0.	No	1.	1.	1.	1.
CIR1/2 1.5mm	0.	0.	No	1.	1.	1.	1.
CIR10" 9.3mm	0.	0.	No	1.	1.	1.	1.
CIR12" 10.3mm	0.	0.	No	1.	1.	1.	1.
CIR16" 12.7mm	0.	0.	No	1.	1.	1.	1.
CIR2 1/2" 2.0mm	0.	0.	No	1.	1.	1.	1.
CIR2 1/2" 2.5mm	0.	0.	No	1.	1.	1.	1.
CIR2 1/2" 3.0mm	0.	0.	No	1.	1.	1.	1.
CIR2 1/2" 4.0mm	0.	0.	No	1.	1.	1.	1.
CIR2" 2.0mm	0.	0.	No	1.	1.	1.	1.
CIR2" 2.5mm	0.	0.	No	1.	1.	1.	1.
CIR2" 3.0mm	0.	0.	No	1.	1.	1.	1.
CIR2" 4.0mm	0.	0.	No	1.	1.	1.	1.
CIR20" 12.7mm	0.	0.	No	1.	1.	1.	1.
CIR24" 12.7mm	0.	0.	No	1.	1.	1.	1.
CIR3" 2.0mm	0.	0.	No	1.	1.	1.	1.
CIR3" 2.5mm	0.	0.	No	1.	1.	1.	1.
CIR3" 3.0mm	0.	0.	No	1.	1.	1.	1.
CIR3" 4.0mm	0.	0.	No	1.	1.	1.	1.
CIR3/4 2mm	0.	0.	No	1.	1.	1.	1.
CIR4" 2.0mm	0.	0.	No	1.	1.	1.	1.
CIR4" 2.5mm	0.	0.	No	1.	1.	1.	1.
CIR4" 3.0mm	0.	0.	No	1.	1.	1.	1.
CIR4" 4.0mm	0.	0.	No	1.	1.	1.	1.
CIR4" 6.0mm	0.	0.	No	1.	1.	1.	1.
CIR6" 4.0mm	0.	0.	No	1.	1.	1.	1.
CIR6" 6.0mm	0.	0.	No	1.	1.	1.	1.
CIR6" 7.1mm	0.	0.	No	1.	1.	1.	1.
CIR8" 5.0mm	0.	0.	No	1.	1.	1.	1.
CIR8" 8.2mm	0.	0.	No	1.	1.	1.	1.
D.A.L.I 50x3mm	0.273	2.781E-02	No	1.	1.	1.	1.
D.A.L.I 50x5 mm	0.	0.	No	1.	1.	1.	1.
D.A.L.I 64X6 mm	1.977	0.2	No	1.	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	TotalWt	TotalMass	FromFile	AMod	A2Mod	A3Mod	JMod
	KN	KN-s2/m					
D.A.L.I 80X6 mm	0.	0.	No	1.	1.	1.	1.
PTE 100X100X5.0 - A304	0.	0.	No	1.	1.	1.	1.
PTE 150X150X6.0	0.	0.	No	1.	1.	1.	1.
PTE 150X150X6.0 - A304	0.	0.	No	1.	1.	1.	1.
PTE 200X200X5.0	0.	0.	No	1.	1.	1.	1.
PTE 200X200X5.0 - A304	0.	0.	No	1.	1.	1.	1.
PTE 70X70X2.0	0.	0.	No	1.	1.	1.	1.
PTE 70X70X2.0 - A304	0.	0.	No	1.	1.	1.	1.
PTE 75X75X6.0	0.	0.	No	1.	1.	1.	1.
TEN	0.	0.	No	1.	1.	1.	1.
TEN 1/2	0.	0.	No	1.	1.	1.	1.
W18X35	0.	0.	Yes	1.	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 7 of 8

Table: Frame Section Properties 01 - General, Part 7 of 8

SectionName	I2Mod	I3Mod	MMod	WMod	SectInFile
3CMX3MM	1.	1.	1.	1.	
5CMX3MM	1.	1.	1.	1.	
CIR1 1/2" 1.5mm	1.	1.	1.	1.	
CIR1 1/2" 2.0mm	1.	1.	1.	1.	
CIR1 1/2" 2.5mm	1.	1.	1.	1.	
CIR1 1/2" 3.0mm	1.	1.	1.	1.	
CIR1 1/4" 2.5mm	1.	1.	1.	1.	
CIR1 1/4" 3.0mm	1.	1.	1.	1.	
CIR1" 2.5mm	1.	1.	1.	1.	
CIR1" 3.0mm	1.	1.	1.	1.	
CIR1/2 1.5mm	1.	1.	1.	1.	
CIR10" 9.3mm	1.	1.	1.	1.	
CIR12" 10.3mm	1.	1.	1.	1.	
CIR16" 12.7mm	1.	1.	1.	1.	
CIR2 1/2" 2.0mm	1.	1.	1.	1.	
CIR2 1/2" 2.5mm	1.	1.	1.	1.	
CIR2 1/2" 3.0mm	1.	1.	1.	1.	
CIR2 1/2" 4.0mm	1.	1.	1.	1.	
CIR2" 2.0mm	1.	1.	1.	1.	
CIR2" 2.5mm	1.	1.	1.	1.	
CIR2" 3.0mm	1.	1.	1.	1.	
CIR2" 4.0mm	1.	1.	1.	1.	
CIR20" 12.7mm	1.	1.	1.	1.	
CIR24" 12.7mm	1.	1.	1.	1.	
CIR3" 2.0mm	1.	1.	1.	1.	
CIR3" 2.5mm	1.	1.	1.	1.	
CIR3" 3.0mm	1.	1.	1.	1.	
CIR3" 4.0mm	1.	1.	1.	1.	
CIR3/4 2mm	1.	1.	1.	1.	
CIR4" 2.0mm	1.	1.	1.	1.	
CIR4" 2.5mm	1.	1.	1.	1.	
CIR4" 3.0mm	1.	1.	1.	1.	

Table: Frame Section Properties 01 - General, Part 7 of 8

SectionName	I2Mod	I3Mod	MMod	WMod	SectInFile
CIR4" 4.0mm	1.	1.	1.	1.	
CIR4" 6.0mm	1.	1.	1.	1.	
CIR6" 4.0mm	1.	1.	1.	1.	
CIR6" 6.0mm	1.	1.	1.	1.	
CIR6" 7.1mm	1.	1.	1.	1.	
CIR8" 5.0mm	1.	1.	1.	1.	
CIR8" 8.2mm	1.	1.	1.	1.	
D.A.L.I 50x3mm	1.	1.	1.	1.	
D.A.L.I 50x5 mm	1.	1.	1.	1.	
D.A.L.I 64X6 mm	1.	1.	1.	1.	
D.A.L.I 80X6 mm	1.	1.	1.	1.	
PTE 100X100X5.0 - A304	1.	1.	1.	1.	
PTE 150X150X6.0	1.	1.	1.	1.	
PTE 150X150X6.0 - A304	1.	1.	1.	1.	
PTE 200X200X5.0	1.	1.	1.	1.	
PTE 200X200X5.0 - A304	1.	1.	1.	1.	
PTE 70X70X2.0	1.	1.	1.	1.	
PTE 70X70X2.0 - A304	1.	1.	1.	1.	
PTE 75X75X6.0	1.	1.	1.	1.	
TEN	1.	1.	1.	1.	
TEN 1/2	1.	1.	1.	1.	
W18X35	1.	1.	1.	1.	W18X35

Table: Frame Section Properties 01 - General, Part 8 of 8

Table: Frame Section Properties 01 - General, Part 8 of 8

SectionName	FileName	GUID	Notes
3CMX3MM			Added 10/07/2019 12:19:58 a. m.
5CMX3MM			Added 10/07/2019 12:18:56 a. m.
CIR1 1/2" 1.5mm			Added 23/08/2020 2:28:50 p. m.
CIR1 1/2" 2.0mm			Added 23/08/2020 2:30:47 p. m.
CIR1 1/2" 2.5mm			Added 23/08/2020 2:31:05 p. m.
CIR1 1/2" 3.0mm			Added 23/08/2020 2:31:27 p. m.
CIR1 1/4" 2.5mm			Added 23/08/2020 2:27:57 p. m.
CIR1 1/4" 3.0mm			Added 23/08/2020 2:28:30 p. m.
CIR1" 2.5mm			Added 23/08/2020 2:26:56 p. m.
CIR1" 3.0mm			Added 23/08/2020 2:27:30 p. m.
CIR1/2 1.5mm			Added 23/08/2020 2:24:29 p. m.
CIR10" 9.3mm			Added 23/08/2020 2:42:34 p. m.
CIR12" 10.3mm			Added 23/08/2020 2:43:09 p. m.
CIR16" 12.7mm			Added 23/08/2020 2:44:33 p. m.
CIR2 1/2" 2.0mm			Added 23/08/2020 2:35:48 p. m.
CIR2 1/2" 2.5mm			Added 23/08/2020 2:36:12 p. m.
CIR2 1/2" 3.0mm			Added 23/08/2020 2:36:24 p. m.
CIR2 1/2" 4.0mm			Added 23/08/2020 2:36:41 p. m.
CIR2" 2.0mm			Added 23/08/2020 2:32:15 p. m.
CIR2" 2.5mm			Added 23/08/2020 2:34:37 p. m.
CIR2" 3.0mm			Added 23/08/2020 2:34:51 p. m.
CIR2" 4.0mm			Added 23/08/2020 2:35:10 p. m.

Table: Frame Section Properties 01 - General, Part 8 of 8

SectionName	FileName	GUID	Notes
CIR20" 12.7mm			Added 23/08/2020 2:45:15 p. m.
CIR24" 12.7mm			Added 23/08/2020 2:46:05 p. m.
CIR3" 2.0mm			Added 23/08/2020 2:36:56 p. m.
CIR3" 2.5mm			Added 23/08/2020 2:38:13 p. m.
CIR3" 3.0mm			Added 23/08/2020 2:38:26 p. m.
CIR3" 4.0mm			Added 23/08/2020 2:38:38 p. m.
CIR3/4 2mm			Added 23/08/2020 2:26:03 p. m.
CIR4" 2.0mm			Added 23/08/2020 2:39:00 p. m.
CIR4" 2.5mm			Added 23/08/2020 2:39:30 p. m.
CIR4" 3.0mm			Added 23/08/2020 2:39:44 p. m.
CIR4" 4.0mm			Added 23/08/2020 2:39:57 p. m.
CIR4" 6.0mm			Added 23/08/2020 2:40:10 p. m.
CIR6" 4.0mm			Added 23/08/2020 2:40:24 p. m.
CIR6" 6.0mm			Added 23/08/2020 2:40:58 p. m.
CIR6" 7.1mm			Added 23/08/2020 2:41:12 p. m.
CIR8" 5.0mm			Added 23/08/2020 2:41:37 p. m.
CIR8" 8.2mm			Added 23/08/2020 2:42:04 p. m.
D.A.L.I 50x3mm			Added 8/12/2024 14:30:00
D.A.L.I 50x5 mm			Added 8/12/2024 6:05:12
D.A.L.I 64X6 mm			Added 8/12/2024 14:27:11
D.A.L.I 80X6 mm			Added 8/12/2024 5:31:25
PTE 100X100X5.0 - A304			Added 31/08/2023 4:10:14 p. m.
PTE 150X150X6.0			Added 16/07/2021 4:13:34 p. m.
PTE 150X150X6.0 - A304			Added 31/08/2023 4:02:47 p. m.
PTE 200X200X5.0			Added 16/07/2021 4:14:15 p. m.
PTE 200X200X5.0 - A304			Added 31/08/2023 4:05:05 p. m.
PTE 70X70X2.0			Added 13/05/2022 4:50:07 p. m.
PTE 70X70X2.0 - A304			Added 31/08/2023 4:03:39 p. m.
PTE 75X75X6.0			Added 16/07/2021 3:52:09 p. m.
TEN			Added 10/07/2019 12:20:38 a. m.
TEN 1/2			Added 8/12/2024 5:30:25
W18X35	C:\Program Files\Computers and Structures\SAP2000 20\Sections8.pro		

Table: Frame Section Properties 13 - Time Dependent

Table: Frame Section Properties 13 - Time Dependent

SectionName	TypeSize	AutoValSize	AutoSFSize	UserValSize
		m		m
3CMX3MM	Auto	0.003	1.	
5CMX3MM	Auto	0.003	1.	
CIR1 1/2" 1.5mm	Auto	0.0015	1.	
CIR1 1/2" 2.0mm	Auto	0.002	1.	
CIR1 1/2" 2.5mm	Auto	0.0025	1.	
CIR1 1/2" 3.0mm	Auto	0.003	1.	
CIR1 1/4" 2.5mm	Auto	0.0025	1.	
CIR1 1/4" 3.0mm	Auto	0.003	1.	
CIR1" 2.5mm	Auto	0.0025	1.	
CIR1" 3.0mm	Auto	0.003	1.	

Table: Frame Section Properties 13 - Time Dependent

SectionName	TypeSize	AutoValSize	AutoSFSize	UserValSize
		m		m
CIR1/2 1.5mm	Auto	0.0015	1.	
CIR10" 9.3mm	Auto	0.0093	1.	
CIR12" 10.3mm	Auto	0.0103	1.	
CIR16" 12.7mm	Auto	0.0127	1.	
CIR2 1/2" 2.0mm	Auto	0.002	1.	
CIR2 1/2" 2.5mm	Auto	0.0025	1.	
CIR2 1/2" 3.0mm	Auto	0.003	1.	
CIR2 1/2" 4.0mm	Auto	0.004	1.	
CIR2" 2.0mm	Auto	0.002	1.	
CIR2" 2.5mm	Auto	0.0025	1.	
CIR2" 3.0mm	Auto	0.003	1.	
CIR2" 4.0mm	Auto	0.004	1.	
CIR20" 12.7mm	Auto	0.0127	1.	
CIR24" 12.7mm	Auto	0.0127	1.	
CIR3" 2.0mm	Auto	0.002	1.	
CIR3" 2.5mm	Auto	0.0025	1.	
CIR3" 3.0mm	Auto	0.003	1.	
CIR3" 4.0mm	Auto	0.004	1.	
CIR3/4 2mm	Auto	0.002	1.	
CIR4" 2.0mm	Auto	0.002	1.	
CIR4" 2.5mm	Auto	0.0025	1.	
CIR4" 3.0mm	Auto	0.003	1.	
CIR4" 4.0mm	Auto	0.004	1.	
CIR4" 6.0mm	Auto	0.006	1.	
CIR6" 4.0mm	Auto	0.004	1.	
CIR6" 6.0mm	Auto	0.006	1.	
CIR6" 7.1mm	Auto	0.0071	1.	
CIR8" 5.0mm	Auto	0.005	1.	
CIR8" 8.2mm	Auto	0.0082	1.	
D.A.L.I 50x3mm	Auto	0.	1.	
D.A.L.I 50x5 mm	Auto	0.005	1.	
D.A.L.I 64X6 mm	Auto	0.	1.	
D.A.L.I 80X6 mm	Auto	0.	1.	
PTE 100X100X5.0 - A304	Auto	0.005	1.	
PTE 150X150X6.0	Auto	0.006	1.	
PTE 150X150X6.0 - A304	Auto	0.006	1.	
PTE 200X200X5.0	Auto	0.005	1.	
PTE 200X200X5.0 - A304	Auto	0.005	1.	
PTE 70X70X2.0	Auto	0.002	1.	
PTE 70X70X2.0 - A304	Auto	0.002	1.	
PTE 75X75X6.0	Auto	0.006	1.	
TEN	Auto	0.00476	1.	
TEN 1/2	Auto	0.00635	1.	
W18X35	Auto	0.	0.	

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1	GLOBAL	Cartesian	0.35617	1.92059	-1.09065	No	0.35617
2	GLOBAL	Cartesian	1.49617	1.92059	-1.09065	No	1.49617
3	GLOBAL	Cartesian	2.59617	1.92059	-1.09065	No	2.59617
4	GLOBAL	Cartesian	3.78928	1.92059	-0.7917	No	3.78928
5	GLOBAL	Cartesian	1.49789	1.92059	-0.78464	No	1.49789
6	GLOBAL	Cartesian	2.59617	1.92059	-0.49272	No	2.59617
7	GLOBAL	Cartesian	4.9824	1.92059	-0.49272	No	4.9824
8	GLOBAL	Cartesian	3.78928	1.92059	-0.19381	No	3.78928
9	GLOBAL	Cartesian	6.17552	1.92059	-0.19381	No	6.17552
10	GLOBAL	Cartesian	4.9824	1.92059	0.10517	No	4.9824
11	GLOBAL	Cartesian	7.39063	1.92059	0.11065	No	7.39063
12	GLOBAL	Cartesian	8.91549	1.92059	0.11065	No	8.91549
13	GLOBAL	Cartesian	6.17552	1.92059	0.40412	No	6.17552
14	GLOBAL	Cartesian	7.39063	1.92059	0.70858	No	7.39063
15	GLOBAL	Cartesian	8.91549	1.92059	1.09065	No	8.91549

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	1.92059	-1.09065	8feefc86-6ae8-46d8-a3d2-f729078473b5
2	1.92059	-1.09065	448aa1a6-a594-43b1-8db7-78fed9203c7f
3	1.92059	-1.09065	5b0abbd0-71c6-4aae-bb20-e2b708717ef9
4	1.92059	-0.7917	89e33da8-8eac-49ac-af31-3776aee89333
5	1.92059	-0.78464	a668e9f1-762b-4803-8e00-a3140bed62e7
6	1.92059	-0.49272	9cd9617e-0eb5-45c9-ae2b-7cc21b802840
7	1.92059	-0.49272	4268dfdf-3294-41ca-b98f-cacabf8b7346
8	1.92059	-0.19381	caf60ba7-bc8d-47cf-997d-a9ed2f3be519
9	1.92059	-0.19381	0fb53030-3b4b-45fa-bc56-e20086f7999e
10	1.92059	0.10517	3a94ce68-0538-4ab3-8763-c40ffc08d57b
11	1.92059	0.11065	edfd6355-9bbd-4d58-9d45-fe614c9daee5
12	1.92059	0.11065	fc152008-a696-4de5-8265-28935d48c473
13	1.92059	0.40412	aafdbf07-9e75-4401-85da-86c762a5956d
14	1.92059	0.70858	d7a865a5-d755-43c0-8834-0255252199e3
15	1.92059	1.09065	f55fafee-d7bb-4baa-8c43-4da02ff7d60a

Table: Joint Pattern Definitions

Table: Joint Pattern Definitions

Pattern
Default

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
2	Yes	Yes	Yes	No	No	No
12	No	No	Yes	No	No	No

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD	Dead	1.		95b9822f-3ce0-4020-8e98-c6e21f46d81e	
LIVE	Live	0.		49850362-7ddd-4ff3-8904-0b52430a430d	
G	Other	0.		509e16ac-7a83-46f7-a784-994e4e6be628	
VS	Other	0.		065699dd-c175-4738-8018-7ecc95eb728e	
VC	Other	0.		e134870c-00a7-4a5c-b932-44021d4f1cbd	

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	SymType	TempDepend	Color	GUID
4000Psi	Concrete	f'c 4000 psi	Isotropic	No	Blue	
A416Gr270	Tendon	Grade 270	Uniaxial	No	Magenta	
A500GrC	Steel	Grade C	Isotropic	No	Yellow	30872d64-4b1c-4bb3-ad81-eaf473904056
A615Gr60	Rebar	Grade 60	Uniaxial	No	Yellow	
A992Fy50	Steel	Grade 50	Isotropic	No	Gray8Dark	
AIS A304	Steel		Isotropic	No	8388863	ae8b994d-cebc-46d3-b46a-a4d449debce0
MAT0	Steel	Grade C	Isotropic	No	Yellow	cd42a110-26d4-4c4e-895a-a5b25f1344a7

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Customary f'c 4000 psi 10/07/2019 12:10:50 a. m.
A416Gr270	ASTM A416 Grade 270 10/07/2019 12:37:59 a. m.
A500GrC	United States ASTM A500 Grade C added 23/08/2020 2:16:42 p. m.
A615Gr60	United States ASTM A615 Grade 60 added 10/07/2019 12:10:58 a. m.
A992Fy50	ASTM A992 Grade 50 10/07/2019 12:10:50 a. m.
AIS A304	Steel added 31/08/2023 3:45:33 p. m.
MAT0	United States ASTM A500 Grade C added 23/08/2020 2:16:42 p. m.

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy	Fu	EffFy	EffFu	SSCurveOpt	SSHysType	SHard	SMax
	KN/m2	KN/m2	KN/m2	KN/m2				
A500GrC	344737.89	427474.99	379211.68	470222.49	Simple	Kinematic	0.018	0.12
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11
AIS A304	205000.	510000.	205000.	510000.	Simple	Kinematic	0.015	0.11
MAT0	344737.89	427474.99	379211.68	470222.49	Simple	Kinematic	0.018	0.12

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	SRup	FinalSlope	CoupModType
A500GrC	0.18	-0.1	Von Mises
A992Fy50	0.17	-0.1	Von Mises
AIS A304	0.17	-0.1	Von Mises
MAT0	0.18	-0.1	Von Mises

INFORME DE CUBIERTA
MAGANGUÉ



QATRO

INFORME PATOLOGÍA DE LA CONSTRUCCION

EDIFICACIÓN: ICA SEDE MAGANGUÉ.

TEMA:	INFORME VERIFICADOR DE PATOLOGIA ESTRUCTURAL
FECHA/LUGAR:	JULIO 2024 – BOGOTÁ D.C. - COLOMBIA
CÓDIGO:	QTR-027-UMI-111_PAT_V.28082024
CONCEPTO:	Patología Estructural.

FIRMAS DE RESPONSABLES		
RESPONSABLE	**REVISOR/INTERVENTOR**	**CONSULTOR RESPONSABLE**
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REGISTRO DE REVISIONES		
REV.	**FECHA.**	**DESCRIPCIÓN.**
A	09 DIC 2024	PARA COMENTARIOS
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VERSIÓN/CONSECUTIVO	FECHA
0	09/12/2024

ESTRUCTURA: ICA SEDE MAGANGUÉ

1. PRESENTACIÓN

Se procede a llevar a cabo una serie de acciones tendientes a determinar el estado actual de la cubierta perteneciente al ICA - SEDE MAGANGUÉ en el departamento de Bolivar

La realización de este estudio técnico se desarrolló el día 29 de Noviembre de 2024, con el propósito de obtener un análisis detallado que permita identificar si la estructura de cubierta presenta algún deterioro o afectación estructural que comprometa su estabilidad.

Este proceso de reconocimiento técnico se realiza, empleando tecnologías avanzadas y metodologías especializadas mediante ensayos no destructivos para evaluar tanto la apariencia superficial como los posibles problemas estructurales subyacentes que podrían comprometer la seguridad y el bienestar de los ocupantes de la estructura. Cabe destacar que esta visita técnica constituye la primera fase de un estudio integral que abordará de manera sistemática y detallada todos los aspectos relacionados con la patología como insumo para el análisis numérico estructural de la estructura, sentando así las bases para un análisis técnico completo que se llevará a cabo en las etapas subsiguientes de este estudio.

TABLA DE ILUSTRACIONES.

1. PRESENTACIÓN 3
2. OBJETIVO. 6
3. LOCALIZACIÓN 7
4. DESCRIPCIÓN GENERAL DEL LA CUBIERTA EN ESTUDIO. 8
5. ZONA DE RESPUESTA SÍSMICA Y GEOLOGÍA 9
6. ANALISIS DE CONDICIONES DEL ENTORNO Y CLIMATOLOGIA 11
6.1. CLIMA. 11
6.2. HUMEDAD Y PRECIPITACIONES 12
6.3. VIENTO 14
6.4. VEGETACIÓN 14
7. CARACTERIZACIÓN DE LA ESTRUCTURA. 15
7.1. DISTRIBUCIÓN DE CERCHAS 15
7.2. IDENTIFICACION DE SECCIONES 16
7.2.1. CERCHA TIPO 1 16
7.2.2. CERCHA TIPO 2 16
7.2.3. CERCHA TIPO 3 16
8. REGISTRO FOTOGRAFICO DE INSPECCIÓN EN CAMPO 17
8.1. TOMA DE ESPESORES 17
8.2. DIMENSIONALIDAD DE ELEMENTOS METALICOS 17
8.3. REVISIÓN DE CONEXIONES Y ESTADO ACTUAL DE ELEMENTOS 18
9. CALIFICACIÓN SEGÚN NSR-10. 19
10. CONCLUSIONES. 19
11. BIBLIOGRAFÍA. 20
12. MEMORIAL DE RESPONSABILIDAD 22
12.1. CERTIFICACIÓN DE CALIDAD ISO 9001 25

TABLA DE ILUSTRACIONES.

Ilustración 1. Imagen de la Ubicación del Proyecto. Fuente: Google Earth. 7
Ilustración 2.Alcance de la auscultación. Fuente: Modelación. 8
Ilustración 3. Mapa de valores de Aa. (Fuente NSR-10). 10
Ilustración 4. Mapa de valores de Av. (Fuente NSR-10). 10
Ilustración 5. Zonas de respuesta sismica COLOMBIA. (Fuente: NSR-10) 10
Ilustración 6. Consulta clima en Bogotá D.C. -.(Fuente Weatherspark). 11
Ilustración 7. Consulta temperatura máxima mínima y promedio. (Fuente Weatherspark). 12
Ilustración 8. Consulta precipitaciones diarias. (Fuente Weatherspark) Ilustración 9. Consulta humedad mensual. (Fuente Weatherspark).. 13
Ilustración 10. Diagrama bioclimático para la clasificación de zonas de vida en el mundo de (L. R. HOLDRIDGE) 14
Ilustración 11. (Fuente Instituto de Hidrología, Meteorología y estudios Ambientales – IDEAM). 14
Ilustración 12. Axonometría del modelo de la Cubierta 15
Ilustración 13. Toma de espesores en elementos metalicos con ultrasonido. 17
Ilustración 14. Toma de espesores en elementos metalicos con ultrasonido. 17
Ilustración 15. Toma de dimensiones en elementos metalicos con calibrador digital. 17
Ilustración 16. Toma de dimensiones en elementos metalicos con calibrador digital. 18
Ilustración 17. Inspección estado actual elementos metalicos.. 18
Ilustración 17. Inspección estado actual elementos metalicos.. 18
Ilustración 19. Certificado especialista en estructuras. 23
Ilustración 20. Certificado especialista en patología de la construcción. 24
Ilustración 21. Certificado de calidad. 26

2. OBJETIVO.

El objetivo principal de este Estudio patológico es el determinar las características mecánicas y y el estado actual en el que se encuentra la estructura llevando a cabo ensayos no destructivos que permitan llegar a un diagnóstico certero, con el propósito fundamental de determinar, de manera integral, el grado de afectación y las recomendaciones de intervención necesarias para la rehabilitación a través de métodos especializados de evaluación y tecnologías avanzadas, se busca identificar cualquier tipo de deterioro, daño o amenaza potencial que pueda afectar la seguridad, estabilidad y adecuado funcionamiento de la cubierta.

3. LOCALIZACIÓN.

La estructura se encuentra localizada en MAGANGUÉ en el departamento de Bolivar, posee un frente de 27.12 metros por 21.21 metros de profundidad para un área en planta de 1054.7 m2.



Ilustración 1. Imagen de la Ubicación del Proyecto. Fuente: Google Earth.

4. DESCRIPCIÓN GENERAL DEL LA CUBIERTA EN ESTUDIO.

La cubierta se compone de un sistema combinado de cerchas apoyadas sobre culatas de viguetas de concreto de 0.20*.30 m que se encuentran sobre los muros portantes de la estructura, este entramado de cubierta se compone de3 tipologias de cerchas compuestas con perfiles de angulos de lados iguales y tensores de aceros.

El estudio se centra según su alcance en la cubierta metálica perteneciente al Instituto Colombiano Agropecuariola cual corresponde a un area aproximada de 409.50 m2.

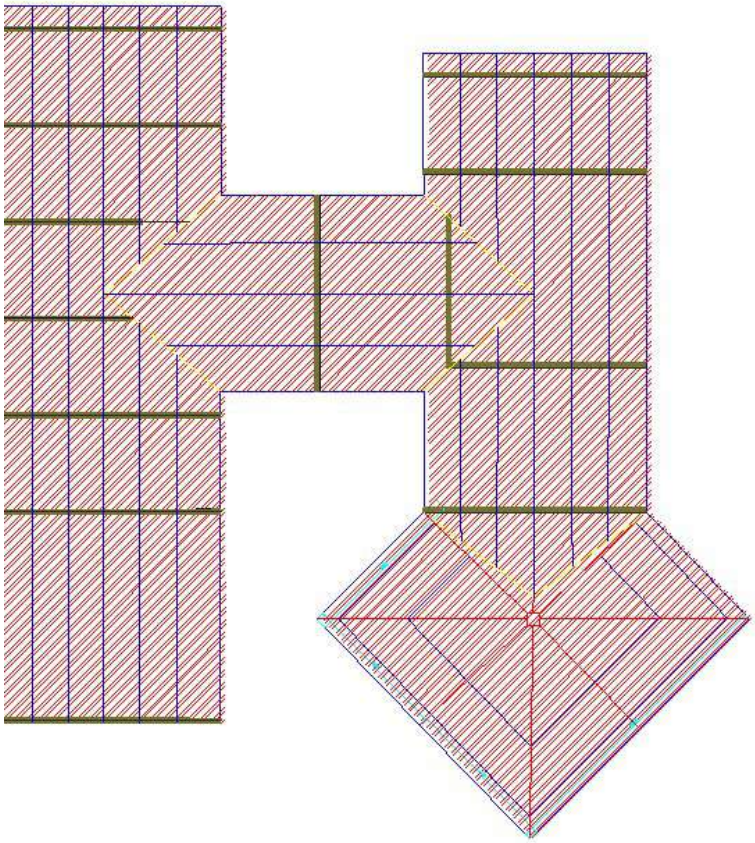
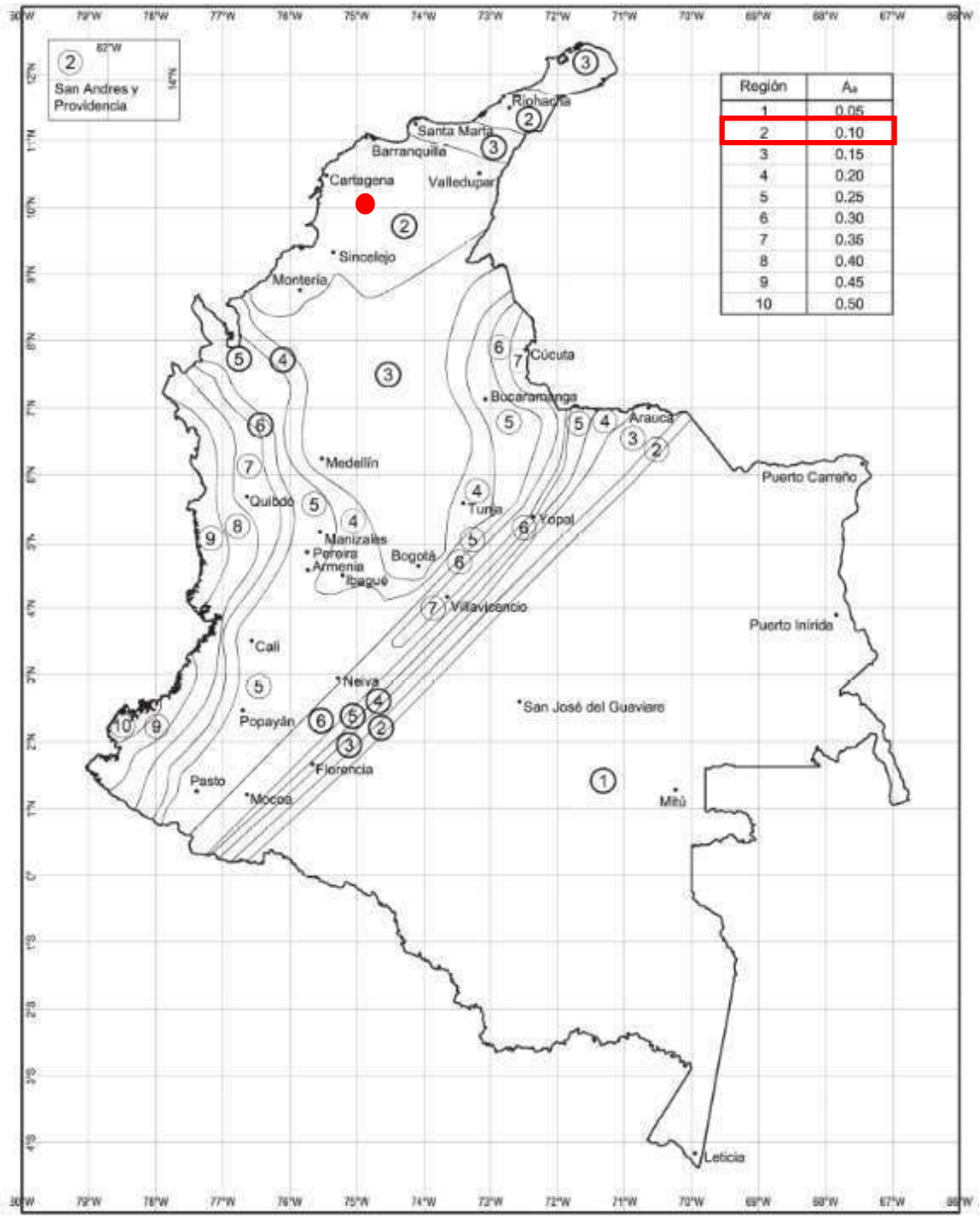


Ilustración 2.Alcance de la auscultación. Fuente: Modelación.

5. ZONA DE RESPUESTA SÍSMICA Y GEOLOGÍA

Según el capítulo A.2 – Zonas de Amenaza Sísmica y Movimientos Sísmicos de Diseño del Reglamento Colombiano de Construcción Sismo Resistente (NSR-10), se presenta los coeficientes de la aceleración horizontal pico efectiva (Aa) y velocidad pico efectiva (Av).



Región	A_a
1	0.05
2	0.10
3	0.15
4	0.20
5	0.25
6	0.30
7	0.35
8	0.40
9	0.45
10	0.50

Ilustración 3. Mapa de valores de Aa. (Fuente NSR-10).

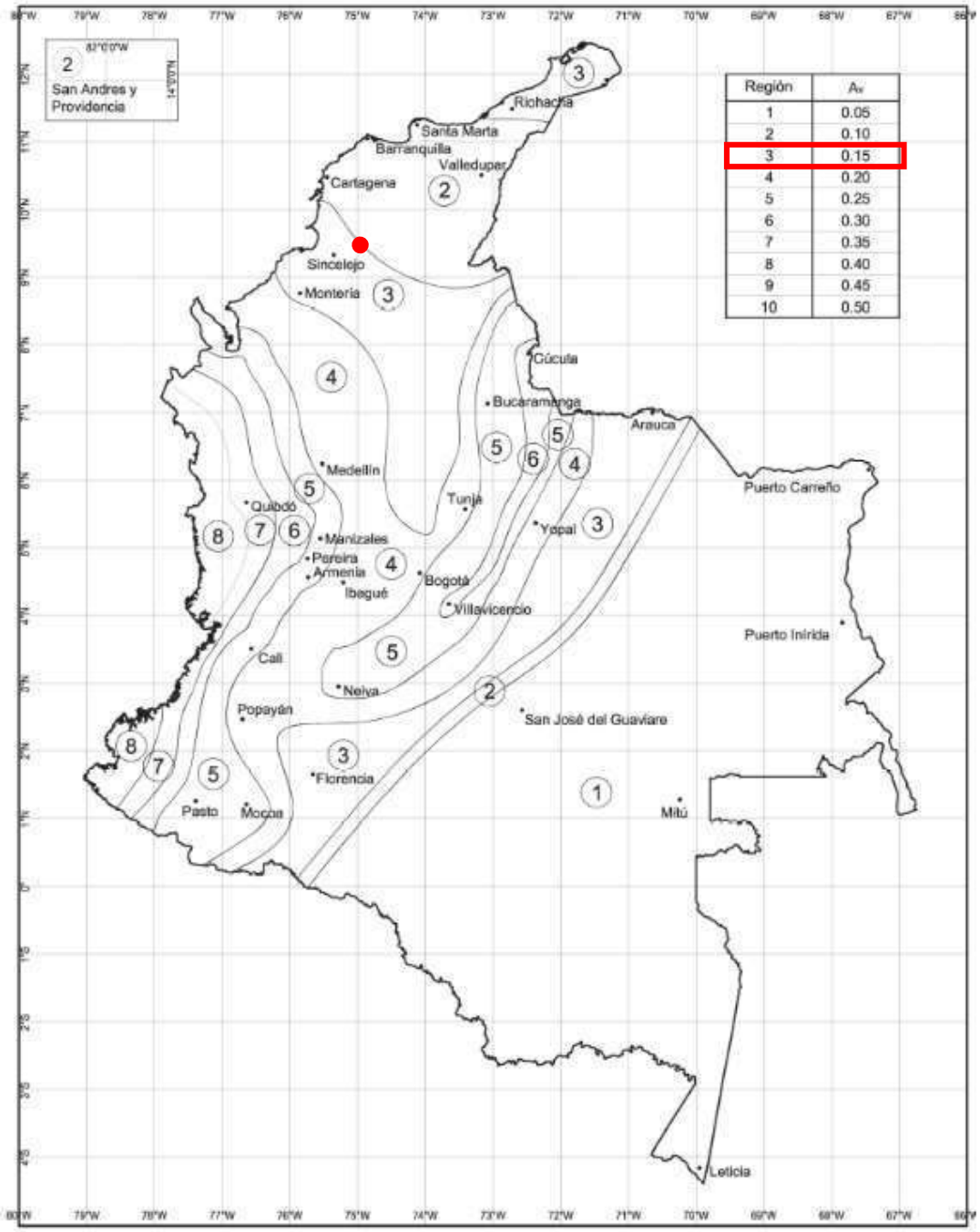


Ilustración 4. Mapa de valores de Av. (Fuente NSR-10).

ZONA DE AMENAZA SISMICA	
Aa	0.10
Av	0.15

Ilustración 5. Zonas de respuesta sismica COLOMBIA. (Fuente: NSR-10)

6. ANALISIS DE CONDICIONES DEL ENTORNO Y CLIMATOLOGIA

Es necesario conocer las variables y fuentes de ataques que pueden afectar la durabilidad de la estructura por ello se hace un recuento de la condiciones climáticas a tener en cuenta

6.1. CLIMA.

La temporada calurosa dura 2,6 meses, del 24 de enero al 13 de abril, y la temperatura máxima promedio diaria es más de 35 °C. El mes más cálido del año en El Carmen de Bolívar es abril, con una temperatura máxima promedio de 34 °C y mínima de 24 °C.

La temporada fresca dura 2,4 meses, del 16 de septiembre al 28 de noviembre, y la temperatura máxima promedio diaria es menos de 32 °C. El mes más frío del año en El Carmen de Bolívar es noviembre, con una temperatura mínima promedio de 23 °C y máxima de 32 °C.

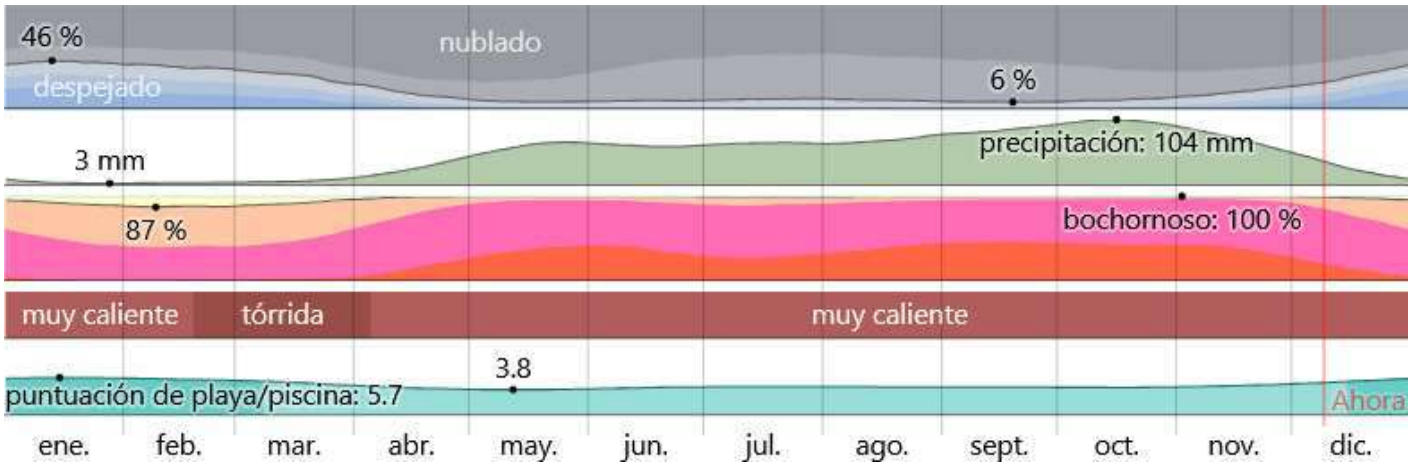


Ilustración 6. Consulta clima en Bogotá D.C. -.(Fuente Weatherspark).

La temporada templada dura 3,2 meses, del 20 de diciembre al 26 de marzo, y la temperatura máxima promedio diaria es más de 19 °C. El mes más cálido del año en Bogotá es abril, con una temperatura máxima promedio de 18 °C y mínima de 9 °C.

La temporada fresca dura 2,2 meses, del 20 de junio al 27 de agosto, y la temperatura máxima promedio diaria es menos de 18 °C. El mes más frío del año en Bogotá es enero, con una temperatura mínima promedio de 7 °C y máxima de 19 °C.

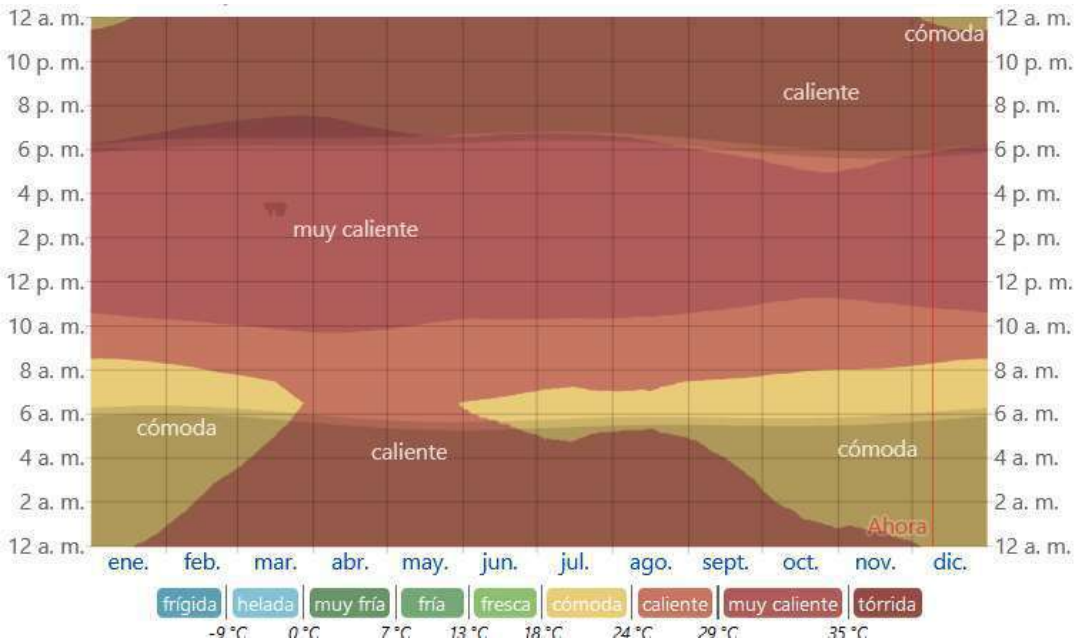


Ilustración 7. Consulta temperatura máxima mínima y promedio. (Fuente Weatherspark).

6.2. HUMEDAD Y PRECIPITACIONES

Uno de los componentes que pueden afectar la sanidad de los materiales constitutivos de una construcción es el vapor de agua la cual tiene una relación estrecha con la componente en la estabilidad atmosférica de precipitaciones, Un día mojado es un día con por lo menos 1 milímetro de líquido o precipitación equivalente a líquido. La probabilidad de días mojados en El Carmen de Bolívar varía considerablemente durante el año.

La temporada más mojada dura 7,0 meses, de 29 de abril a 29 de noviembre, con una probabilidad de más del 23 % de que cierto día será un día mojado. El mes con más días mojados en El Carmen de Bolívar es octubre, con un promedio de 13,1 días con por lo menos 1 milímetro de precipitación.

La temporada más seca dura 5,0 meses, del 29 de noviembre al 29 de abril. El mes con menos días mojados en El Carmen de Bolívar es febrero, con un promedio de 0,8 días con por lo menos 1 milímetro de precipitación.

Entre los días mojados, distinguimos entre los que tienen solamente lluvia, solamente nieve o una combinación de las dos. El mes con más días con solo lluvia en El Carmen de Bolívar es octubre, con un promedio de 13,1 días. En base a esta categorización, el tipo más común de precipitación durante el año es solo lluvia, con una probabilidad máxima del 44 % el 21 de octubre.

En El Carmen de Bolívar la humedad percibida varía levemente.

El período más húmedo del año dura 10 meses, del 10 de marzo al 21 de enero, y durante ese tiempo el nivel de comodidad es bochornoso, opresivo o insoportable por lo menos durante el 90 % del tiempo. El mes con más días bochornosos en El Carmen de Bolívar es octubre, con 31,0 días bochornosos o peor.

El mes con menos días bochornosos en El Carmen de Bolívar es febrero, con 25,4 días bochornosos o peor.



Ilustración 8. Consulta precipitaciones diarias. (Fuente Weatherspark)

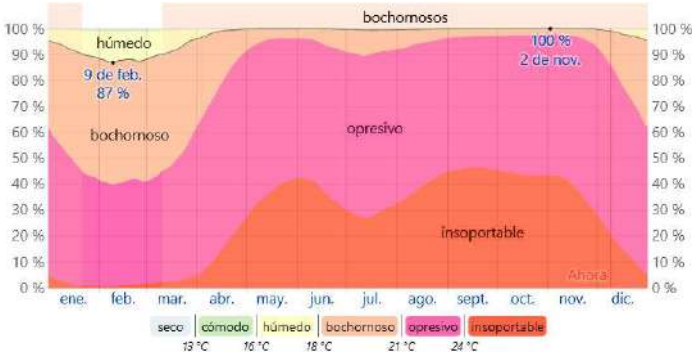


Ilustración 9. Consulta humedad mensual. (Fuente Weatherspark)..

La edificación se encentra ubicada, de acuerdo con la escala de Holdrigh, en la zona de vida bosque pluvial, altitud promedio según el IDEAM para Bogotá es de 2500 a 2800 msnm y de 2564 msnm según Topographic Maps, posee una temperatura promedio entre 7°C y 19°C.

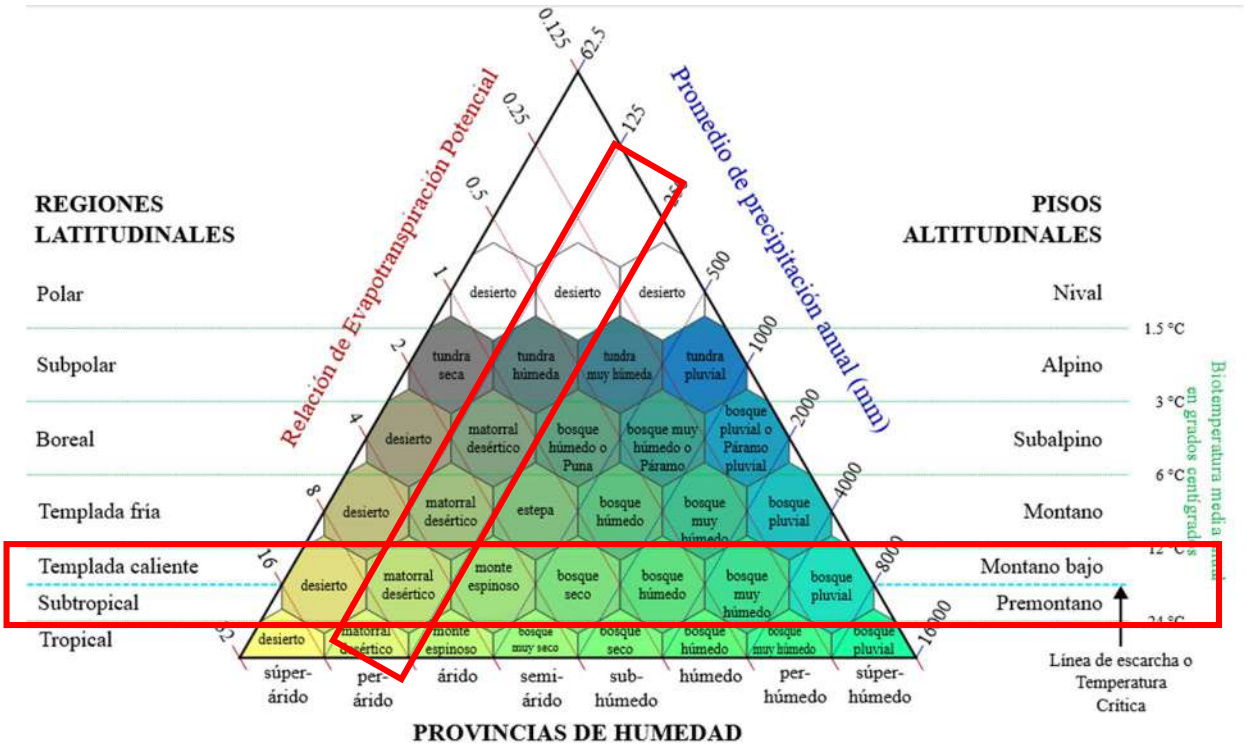


Ilustración 10. Diagrama bioclimático para la clasificación de zonas de vida en el mundo de (L. R. HOLDRIDGE)

6.3. VIENTO

La dirección principal de predominio del viento es Noreste con corrientes intensas en los meses de diciembre, enero, febrero y marzo pueden alcanzar intensidades de 1.5 a 2.5 m/s.

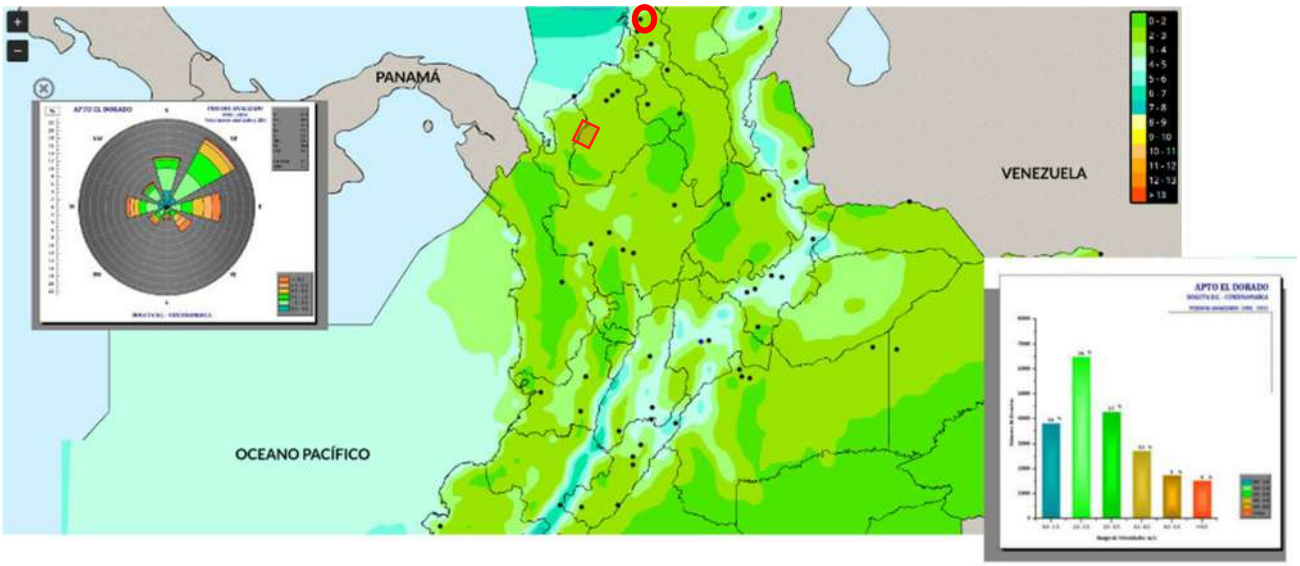


Ilustración 11. *(Fuente Instituto de Hidrología, Meteorología y estudios Ambientales – IDEAM).*

6.4. VEGETACIÓN.

No se evidencia presencia en el inmueble de vegetación denotada como agresiva en la NSR-10 en su título H.9.4.6. 2.a. control de especies agresivas, la cual, prevé las especies agresiva para las construcciones, especies invasoras que afectan el entorno de la edificación pues buscan el agua bajo la cubierta propicia de la edificación y en algunos casos invaden con sus raíces las tuberías de los alcantarillados, teniendo particularidades como especies originarias del exterior, de zonas con climas particularmente severos.

De la anterior información se puede observar que, al ser una zona con pendiente pronunciada, con precipitaciones en donde al tener zonas verdes como las que rodean las edificaciones son sectores potenciales de infiltración de aguas, además de movimientos indeseados de tierras.

7. CARACTERIZACIÓN DE LA ESTRUCTURA.

7.1. DISTRIBUCIÓN DE CERCHAS

Se identifican 5 tipos de cerchas didstintas distribuidas como se muestran a continuación.

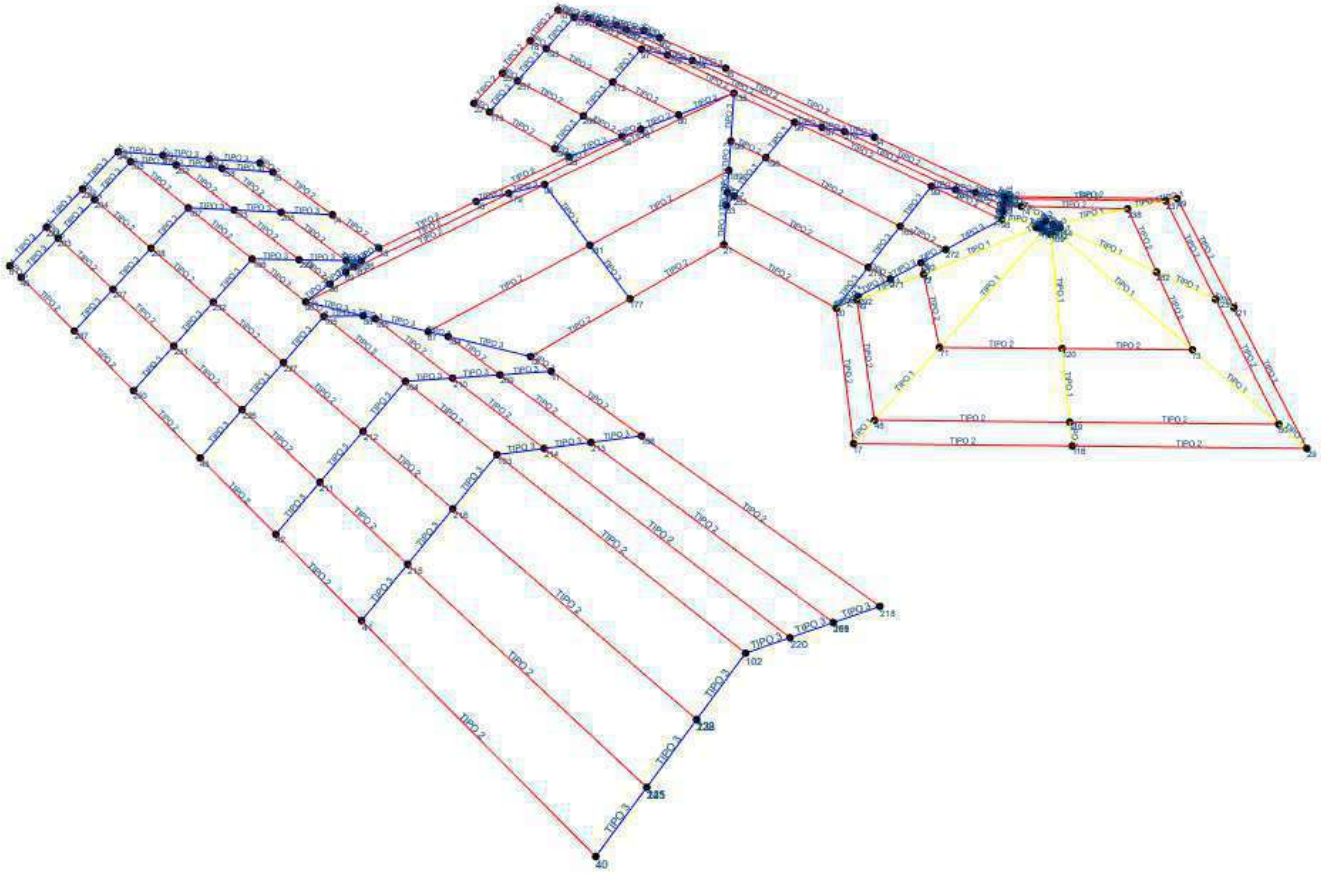
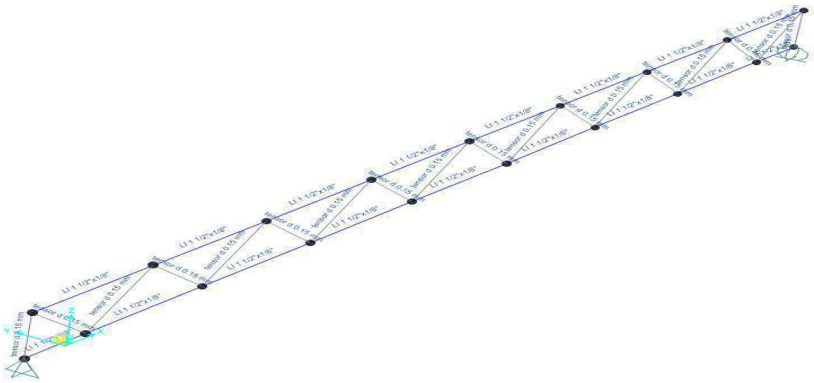


Ilustración 12. Axonometría del modelo de la Cubierta

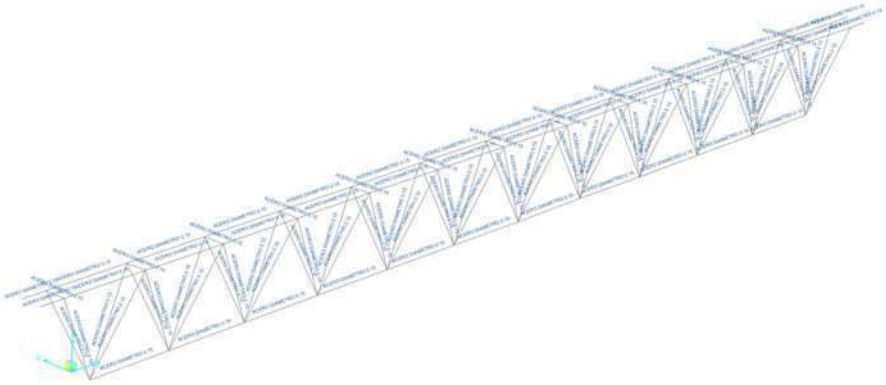
7.2. IDENTIFICACION DE SECCIONES

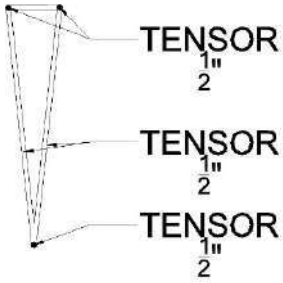
7.2.1. CERCHA TIPO 1



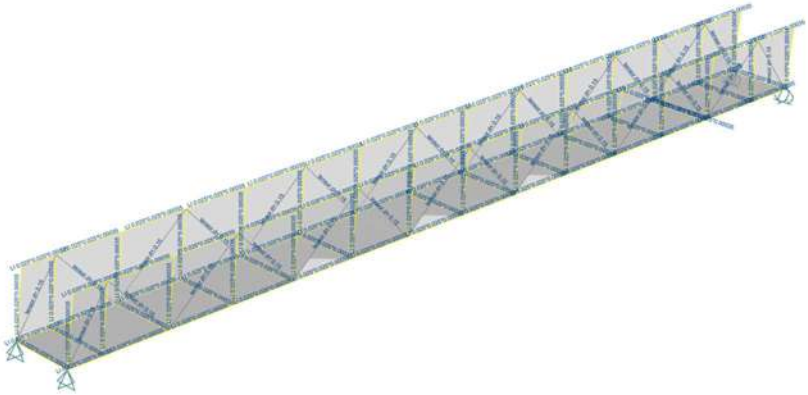


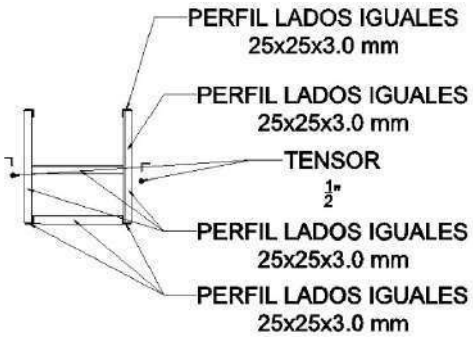
7.2.2. CERCHA TIPO 2





7.2.3. CERCHA TIPO 3





8. REGISTRO FOTOGRAFICO DE INSPECCIÓN EN CAMPO

8.1. TOMA DE ESPESORES



Ilustración 13. Toma de espesores en elementos metalicos con ultrasonido.



Ilustración 14. Toma de espesores en elementos metalicos con ultrasonido.

8.2. DIMENSIONALIDAD DE ELEMENTOS METALICOS



Ilustración 15. Toma de dimensiones en elementos metalicos con calibrador digital.



Ilustración 16. Toma de dimensiones en elementos metalicos con calibrador digital.

8.3. REVISIÓN DE CONEXIONES Y ESTADO ACTUAL DE ELEMENTOS



Ilustración 17. Inspección estado actual elementos metalicos..



Ilustración 18. Inspección estado actual elementos metalicos..

9. CALIFICACIÓN SEGÚN NSR-10.

CALIFICACIÓN CALIDAD DEL DISEÑO Y CONSTRUCCIÓN SEGÚN NSR-10 A.10.2.2.1
Calificación = BUENA.
Coeficiente de calidad de diseño = 1.0.
Calidad del diseño y la construcción de la estructura original: La cubierta se construyó con la tecnología y técnicas de su época cumpliendo con las normativas de construcción vigentes según los principios normativos de NSR-10.

CALIFICACIÓN ESTADO DE LA ESTRUCTURA EXISTENTE SEGÚN NSR-10 A.10.2.2.2 –
Clasificación = BUENA.
Coeficiente de estado de la edificación = 1.0..
Estado actual de la estructura: Actualmente la cubierta no presenta distorsiones fuera de la tolerancia, el estado de conservación y mantenimiento de la edificación ha sido permanente por lo tanto no hay procesos de deterioro en elementos y materialidades, no presenta lesiones que amenacen la seguridad y estabilidad.

10. CONCLUSIONES.

La cubierta no presenta alteraciones en su materialidad, al moemnto de la inspeccion se estaban realizando procesos de pintado de elementos metalicos con pintura anticorrosiva lo cual permite observar un estado de mantenimiento actualizado a fecha del presente informe.

11. BIBLIOGRAFÍA.

- Norma Técnica Colombiana 3658 (2018). Norma para la extracción y compresión de núcleos para ensayos de concreto.
- Norma Técnica Colombiana 1377 (1996). Norma técnica NTC colombiana 1377 ingeniería civil y arquitectura. Elaboración y curado de especímenes de concreto para ensayos de laboratorio.
- Norma Técnica Colombiana 673 (2010). Concretos. Ensayos de resistencia a la compresión de especímenes cilíndricos de concreto.
- Norma Técnica Colombiana 454 (1998). Ingeniería civil y arquitectura. Concretos. Concreto fresco. Toma de muestra.
- Norma Técnica Colombiana 2275 (1997). Ingeniería civil y arquitectura. Procedimiento recomendado para la evaluación de los resultados de los ensayos de resistencia del concreto.
- Norma Técnica Colombiana 5551 (2007). Concretos. Durabilidad de estructuras de concreto.
- ICONTEC Normas Técnicas Colombianas Ntc 3692 método de ensayo para medir el número de rebote del concreto endurecido.
- ASTM D1293-18 (2018). Standard test methods for pH of water.
- ASTM E 74 (2018). Standard Practices for Calibration and Verification for Force-Measuring Instruments.
- American Concrete Institute. ACI 318-08: Requisitos De Reglamento Para Concreto Estructural y Comentario. ACI-Capítulo Costa Rica. Costa Rica, 2008.
- American Standard for Testing and Materials. ASTM C 1231- 10a: Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength
- American Standard for Testing and Materials. ASTM C 172- 10: Standard Practice for Sampling Freshly Mixed Concrete. 4 páginas. Estados Unidos.
- American Standard for Testing and Materials. ASTM C 31-10: Standard Practice for Making and Curing Concrete Test Specimens in the Field. 8 páginas. Estados Unidos

- American Standard for Testing and Materials. ASTM C 470- 09: Standard Specification for Molds for Forming Concrete Test Cylinders Vertically. 4 páginas. Estados Unidos

- American Standard for Testing and Materials. ASTM C 617- 10: Standard Practice for Capping Cylindrical Concrete Specimens. 6 páginas. Estados Unidos.

- American Standard for Testing and Materials. ASTM C 94- 11a: Standard Specification for Ready-Mixed Concrete. 12 páginas. Estados Unidos.

- Neville, A. Tecnología del Concreto. Primera Edición. Instituto Mexicano del Cemento y del Concreto. México, 1999.

- AIS - Asociación Colombiana de Ingeniería Sísmica, (1986), Adición, Modificación y Remodelación del Sistema Estructural de Edificaciones Existentes Antes de la Vigencia del Decreto 1400/84 - Norma AIS 150-86, AIS, Bogotá.

- Congreso de la República de Colombia, (1997), Ley 400 de 1997 - Por la cual se adoptan normas sobre construcciones sismo resistentes, Publicación realizada por la Asociación Colombiana de Ingeniería Sísmica, Santafé de Bogotá D. C., Colombia, 19 de agosto, 28 p.

- FEMA, (1999), NEHRP Guidelines for the Seismic Rehabilitation of Buildings, Federal Emergency Management Agency, FEMA 276, Building Seismic Safety Council, Washington, D.C., USA.

- FEMA - Federal Emergency Management Agency, (1997), NEHRP Guidelines for the Seismic Rehabilitation of Buildings, FEMA 273/274, Building Seismic Safety Council, Washington, D.C., USA.

- FEMA - Federal Emergency Management Agency, (1998), FEMA 306 - Evaluation of earthquake damaged concrete and masonry wall buildings - Basic procedures manual, prepared by: Applied Technology Council (ATC-43 Project), Redwood City, CA, USA, 250 p.

- CEPREVEN (2003): Curso Monográfico “Protección pasiva contra incendios”. CEPREVEN, Asociación de Investigación para la Seguridad de Vidas y Bienes. Madrid, noviembre 2003.

- FALLER, GEORGE (2004): “La identificación de riesgos y el diseño contra incendios”. ICCP Arup Fire. Ponencia del Seminario “Análisis de riesgos y fiabilidad estructural. Ingeniería de fuego”. IETcc - Consejo Superior de Investigaciones Científicas. Madrid, marzo 2004.

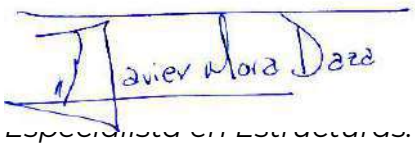
12. MEMORIAL DE RESPONSABILIDAD.

Por medio de la presente informo que se realizó el estudio de patología de la edificación **ICA SEDE MAGANGUÉ**, ubicada **BOLIVAR.-COLOMBIA**.

El estudio de patología se realizó con los criterios del reglamento **NSR-10** y por tanto en calidad de diseñador asumo la responsabilidad derivada por dicho diseño exonerando a la autoridad competente y al profesional revisor de toda responsabilidad inherente al mismo dentro de lo concerniente al presente diseño estructural siempre y cuando se realice la obra con los parámetros aquí consignados.

Así mismo certifico que tengo la experiencia y los estudios de postgrado en estructuras como lo soporta el diploma de especialista anexo, por lo tanto, estoy facultado como diseñador de elementos estructurales y no estructurales, según lo estipulado en el **artículo 27** y **29** de la **Ley 400** de **1997**.

Cordialmente:



Especialista en Estructuras.
Especialista en Patología de la construcción
CC 7.178.220 de TUNJA.
MP.15202113702 BYC.



REPUBLICA DE COLOMBIA
COPNIA
Consejo Profesional Nacional de Ingeniería

Certificado de vigencia y antecedentes disciplinarios
CVAD-2023-2415450

CONSEJO PROFESIONAL NACIONAL DE INGENIERÍA
COPNIA

EL DIRECTOR GENERAL ENCARGADO

CERTIFICA:

1. Que JAVIER ALFONSO MORA DAZA, identificado(a) con CEDULA DE CIUDADANIA 7178220, se encuentra inscrito(a) en el Registro Profesional Nacional que lleva esta entidad, en la profesión de INGENIERIA CIVIL con MATRICULA PROFESIONAL 15202-113702 desde el 16 de Diciembre de 2004, otorgado(a) mediante Resolución Nacional 468.

2. Que el(la) MATRICULA PROFESIONAL es la autorización que expide el Estado para que el titular ejerza su profesión en todo el territorio de la República de Colombia, de conformidad con lo dispuesto en la Ley 842 de 2003.

3. Que el(la) referido(a) MATRICULA PROFESIONAL se encuentra **VIGENTE**

4. Que el profesional no tiene antecedentes disciplinarios ético-profesionales.

5. Que la presente certificación se expide en Bogotá, D.C., a los uno (01) días del mes de Diciembre del año dos mil veintitres (2023).

Angela Patricia Alvarez Ledesma

Firma del titular (*)

(*)Con el fin de verificar que el titular autoriza su participación en procesos contractuales de selección de contratistas. La falta de firma del titular no invalida el Certificado.
El presente es un documento público capaz electrónicamente con firma digital que satisfaces su plena validez jurídica y probatoria según lo establecido en la Ley 527 de 1999. Para verificar la firma digital, consulte las propiedades del documento original en formato .pdf.
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REPUBLICA DE COLOMBIA
IDENTIFICACION PERSONAL
CEDULA DE CIUDADANIA

NUMERO 7.178.220
MORA DAZA
APELLIDOS
JAVIER ALFONSO
NOMBRES

FIRMA



REPÚBLICA DE COLOMBIA
MINISTERIO DE EDUCACIÓN NACIONAL

LA UNIVERSIDAD NACIONAL DE COLOMBIA

TENIENDO EN CUENTA QUE

Javier Alfonso Mora Daza

C.C. No. 7178220 Expedida en Tunja

CUMPLIÓ SATISFACTORIAMENTE TODOS LOS REQUISITOS REGLAMENTARIOS DEL PROGRAMA DE ESTUDIOS DE POSTGRADO LE CONFIERE EL TÍTULO DE

Especialista en Estructuras

EN LA CIUDAD DE Bogotá, D.C., a los 25 días del mes de Marzo de 2009

RECTORÍA

DECANATURA DE FACULTAD

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INTER-AULAS · ACADEMIA · QUÆRE · VERUM

REGISTRO No. 1106 del Libro de Diplomas No. 03

DE LA SEDE DE Bogotá FACULTAD DE Ingeniería

21287

Ilustración 19. Certificado especialista en estructuras.



República de Colombia

LA UNIVERSIDAD SANTO TOMÁS

Autorizada por el Ministerio de Educación Nacional
Teniendo en cuenta que

Javier Alfonso Mora Vaza

c.c. 7.178.220 de Tunja

Aprobó los estudios programados y cumplió con las exigencias legales y reglamentarias, le confiere el Título de

Especialista en Patología de la Construcción

En constancia se firma y sella en Bogotá D.C.
a los 5 días del mes de Octubre de 2018

El Rector General

Decano de División de Educación Abierta y a Distancia

El Decano de Facultad

El Secretario General

Registro Interno No. 841.3071.05-10-2018

Folio 22 Libro 21

Ilustración 20. Certificado especialista en patología de la construcción.

12.1. CERTIFICACIÓN DE CALIDAD ISO 9001



DocuSign Envelope ID: 0619BBC6-9B54-4A63-9CFA-CECADBEB5CE5

BUREAU VERITAS Certification

QATRO S.A.S.

Entidad Contratante: Carrera 55 No.152 B – 68 Oficina 705 Edificio Maz
Bogotá, D.c., Colombia

BVQI Colombia Ltda. certifica que el Sistema de Gestión de la organización ha sido auditado y se ha encontrado conforme con los requerimientos de las normas de Sistema de Gestión que se detallan a continuación

ISO 9001:2015

Alcance de Certificación

SERVICIOS DE INGENIERÍA CIVIL Y ARQUITECTURA ORIENTADOS A LA CONSULTORÍA, PATOLOGÍA E INTERVENTORÍA DE OBRAS CIVILES.

Fecha de Inicio del Ciclo Original de Certificación:	**09 abril 2024**
Fecha de Vencimiento del ciclo previo:	**N/A**
Fecha de Auditoria de Certificación:	**26 febrero 2024**
Fecha de Inicio del ciclo de Certificación:	**09 abril 2024**

Sujeto a la operación continua y satisfactoria del Sistema de Gestión de la organización, este certificado vence el: **08 abril 2027**

Certificado No. **CO24.06135** Versión: **No. 1** *Fecha de Revisión:* **09 abril 2024**

DocuSigned by: Carolina Prieto

Carolina Prieto Carranza
Gerente Técnico

BUREAU VERITAS Certification

ONAC ACREDITADO

ISO/IEC 17021-1:2015
10-CSG-007

Oficina Local: *BVQI Colombia Ltda. Carrera 16 No 97-40 Torre 1 Oficina 401. Bogotá D.C. – Colombia*

Cualquier aclaración adicional relativa al alcance de este certificado y a la aplicabilidad de los requerimientos del Sistema de Gestión, puede obtenerse consultando a la organización.

Para comprobar la validez del certificado, por favor escanear el Código QR. Cualquier modificación total o parcial por cualquier medio al registro original hará que pierda su validez.

Local Certificate Template single site rev2.8 1 / 1 25 enero 2022

Ilustración 21. Certificado de calidad.

MEMORIAS DE CALCULO DE CUBIERTA MAGANGUE



QATRO

MEMORIAS DE CALCULO ESTRUCTURAL

EDIFICACIÓN: CUBIERTA ICA SEDE MAGANGUÉ - BOLIVAR

TEMA:	DOCUMENTO JUSTIFICATIVO DE VALIDACIÓN
FECHA/LUGAR:	10 DICIEMBRE 2024 - BOGOTÁ D.C. - COLOMBIA
CÓDIGO:	QTR-CSA-011_EST_MDC_CUB
CONCEPTO:	Memorias de cálculo estructural

FIRMAS DE RESPONSABLES		
DISEÑADOR RESPONSABLE	**REVISOR/INTERVENTOR**	**CONSULTOR RESPONSABLE**
Ing. Javier Mora Daza **C.C. 71.178.220.** **MP 15202113702 BYC**	**C.C.**	**C.C.**

REGISTRO DE REVISIONES		
REV.	**FECHA.**	**DESCRIPCIÓN.**
A	10 DIC 2024	PARA COMENTARIOS
B		
C		

VERSIÓN/CONSECUTIVO	FECHA
0	10/12/2024

MEMORIAL DE RESPONSABILIDAD

Por medio de la presente informo que se realizó el diseño estructural de la modificación de la cubierta para el ICA Sede MAGANGUÉ, localizada en el municipio de MAGANGUÉ, departamento de Bolivar.

El cálculo estructural se realizó con los criterios del reglamento NSR-10 y por tanto en calidad de diseñador asumo la responsabilidad derivada por dicho diseño exonerando a la autoridad competente y al profesional revisor de toda responsabilidad inherente al mismo dentro de lo concerniente al presente diseño estructural siempre y cuando se realice la obra con los parámetros aquí consignados.

Así mismo certifico que tengo la experiencia y los estudios de postgrado en estructuras como lo soporta el diploma de especialista anexo, por lo tanto, estoy facultado como diseñador de elementos estructurales y no estructurales, según lo estipulado en el artículo 27 y 29 de la ley 400 de 1997.

Cordialmente:

ING. JAVIER MORA DAZA
Especialista en Estructuras.
CC 7.178.220 de TUNJA.
MP.15202113702 BYC.



Ilustración 1. Identificación ante el COPNIA.



REPÚBLICA DE COLOMBIA
MINISTERIO DE EDUCACIÓN NACIONAL

LA UNIVERSIDAD NACIONAL DE COLOMBIA

TENIENDO EN CUENTA QUE

Javier Alfonso Mora Daza

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DE LA SEDE DE Bogotá FACULTAD DE Ingeniería

21287

Ilustración 2. Diploma especialista en estructura.

TABLA DE CONTENIDO

MEMORIAL DE RESPONSABILIDAD 3
INTRODUCCIÓN 9
CONSIDERACIONES GENERALES DE DISEÑO 10
DESCRIPCIÓN DEL SISTEMA ESTRUCTURAL 12
COMBINACIONES DE CARGA 16
ANALISIS DE VIENTO 18
AVALÚO CARGAS GRAVITACIONALES 23
ESPECTRO PARA DISEÑO 25
RESULTADOS DEL ANALISIS 25
ASIGNACIÓN DE CARGAS EN EL MODELO DE LA ESTRUCTURA PRINCIPAL 26
INTERPRETACIÓN DE RESULTADOS 28
VERIFICACION DE ELEMENTOS DE CUBIERTA 30
VERIFICACION DE ELEMENTOS EXISTENTES DE CUBIERTA CERCHA TIPO 1 30
CONCLUSIONES 36
ANEXOS 37

TABLA DE IMÁGENES

Ilustración 1. Identificación ante el COPNIA. 4
Ilustración 2. Diploma especialista en estructura. 5
Ilustración 3. Axonometría del modelo de la Cubierta 12
Ilustración 4. Axonometría del modelo de la CERCHA TIPO 1 13
Ilustración 5. Distribución de nudos del modelo de la CERCHA TIPO 1. 13
Ilustración 6. Axonometría del modelo de la CERCHA TIPO 2 14
Ilustración 7. Distribución de nudos del modelo de la CERCHA TIPO 2. 14
Ilustración 8. Axonometría del modelo de la CERCHA TIPO 3. 15
Ilustración 9. Distribución de nudos del modelo de la CERCHA TIPO 3. 15
Ilustración 10. Espectro para diseño según NSR-10. 25
Ilustración 11. Asignación de cargas muertas de CERCHA TIPO 1 KN/m 26
Ilustración 12. Asignación de cargas vivas de CERCHA TIPO 1 KN/m 26
Ilustración 13. Asignación de cargas de viento X de CERCHA TIPO 1 KN/m 26
Ilustración 14. Asignación de cargas de viento Y de CERCHA TIPO 1 KN/m 26
Ilustración 15. Asignación de cargas muertas de CERCHA TIPO 2 KN/m 26
Ilustración 16. Asignación de cargas vivas de CERCHA TIPO 2 KN/m 26
Ilustración 17. Asignación de cargas de viento X de CERCHA TIPO 2 KN/m 27
Ilustración 18. Asignación de cargas de viento Y de CERCHA TIPO 21 KN/m 27
Ilustración 19. Asignación de cargas muertas de CERCHA TIPO 3 KN/m 27
Ilustración 20. Asignación de cargas vivas de CERCHA TIPO 3 KN/m 27
Ilustración 21. Asignación de cargas de viento X de CERCHA TIPO 2 KN/m 27
Ilustración 22. Asignación de cargas de viento Y de CERCHA TIPO 3 KN/m 27
Ilustración 23. Asignación de cargas de empozamiento de CERCHA TIPO 3 KN/m 27
Ilustración 24. Diagrama de envolvente de fuerza axial en CERCHA TIPO 1 KN 28
Ilustración 25. Diagrama de envolvente momento flector en CERCHA TIPO 1 KN.m 28
Ilustración 26. Diagrama de envolvente cortante en CERCHA TIPO 1 KN 28
Ilustración 27. Diagrama de envolvente de fuerza axial en CERCHA TIPO 2 KN 28
Ilustración 28. Diagrama de envolvente momento flector en CERCHA TIPO 21 KN.m 29
Ilustración 29. Diagrama de envolvente cortante en CERCHA TIPO 2 KN 29
Ilustración 30. Diagrama de envolvente de fuerza axial en CERCHA TIPO 3 KN 29
Ilustración 31. Diagrama de envolvente momento flector en CERCHA TIPO 3 KN.m 30
Ilustración 32. Diagrama de envolvente cortante en CERCHA TIPO 3 KN 30

LISTA DE ANEXOS

ANEXO A. DATOS DE ENTRADA Y SALIDA – CUBIERTA CERCHA TIPO 1.....38
ANEXO B. DATOS DE ENTRADA Y SALIDA – CUBIERTA CERCHA TIPO 2.....39
ANEXO C. DATOS DE ENTRADA Y SALIDA – CUBIERTA CERCHA TIPO 3 40

INTRODUCCIÓN

Estas memorias de cálculo corresponden el diseño estructural de la modificación de la cubierta para el ICA sede MAGANGUÉ, localizada en MAGANGUÉ departamento del Bolivar; el diseño se realiza contemplando condiciones locales como parámetros sísmicos y velocidad de viento predominante del sector.

La cubierta no pertenece al sistema de resistencia sísmica, el análisis y diseño estructural se diseñó de acuerdo con AIS 180-13 Recomendaciones para requisitos sísmicos de estructuras diferentes de edificaciones, capítulo A.8 de la NSR-10 y F2 de la NSR-10.

Para la realización de estas memorias de cálculo, se hizo el análisis estructural de elementos por medio de un programa de análisis estructural. Se realiza modelación matemática de la estructura, y el análisis sísmico con longitudes reales de los elementos y se incluyen los elementos de la estructura principal con las combinaciones de carga definidas por la Norma Sismo Resistente NSR- 10.

Para la obtención de las fuerzas sísmicas, bajo los lineamientos de NSR-10 reglamento de Construcción Sismorresistentes, siguiendo los parámetros sísmicos para la zona de respuesta sísmica, se procedió a un análisis dinámico.

CONSIDERACIONES GENERALES DE DISEÑO

LOCALIZACIÓN, NIVEL DE AMENAZA Y MOVIMIENTOS SÍSMICOS DE DISEÑO

El proyecto está ubicado en zona de amenaza sísmica **INTERMEDIA**, con un coeficiente de aceleración pico **Aa=0.10**, y de velocidad pico **Av=0.15** con un el coeficiente de importancia **I=1.00**.

Se incluyen en estas memorias: el análisis de cargas, los resultados del programa de análisis, el diseño de elementos estructurales:

Para el desarrollo del proyecto se debe tener en cuenta las especificaciones generales de diseño las cuales indican que la estructura debe tener resistencia y rigidez adecuada ante las cargas mínimas de diseño prescritas por el reglamento y debe, además, verificarse que dispone de rigidez adecuada para limitar la deformabilidad ante las cargas de servicio, de tal manera que no se vea afectado el funcionamiento de la edificación. Teniendo esto en cuenta, se evalúan todas las solicitaciones que pueden afectar la edificación de acuerdo con los requisitos de la norma, estas incluyen: el efecto gravitacional de la masa de los elementos estructurales, o peso propio, las cargas de acabados y elementos no estructurales, las cargas muertas, las fuerzas de viento, las deformaciones impuestas por efectos reológicos de los materiales estructurales.

En cuanto al análisis, las diferentes solicitaciones que deben ser tenidas en cuenta se combinan para obtener las fuerzas internas de diseño de la estructura, de acuerdo con los requisitos del Capítulo B.2 del Reglamento, las solicitaciones se multiplican por el coeficiente de carga prescrito para cada combinación. En los efectos causados por el sismo de diseño se tiene en cuenta la capacidad de disipación de energía en rango inelástico, del sistema estructural, y logra emplear unos efectos sísmicos reducidos de diseño E, obtenidos dividiendo las fuerzas sísmicas FS, por el coeficiente de capacidad de disipación de energía R (E =FS/R). El coeficiente de capacidad de disipación de energía, R.

MATERIALES

ACERO ESTRUCTURAL CORREAS (PERLIN)	ASTM A1011 Gr. 50 fy=350MPa, 3515 Kgf/cm2, 50KSI
ACERO ESTRUCTURAL PLATINAS	ASTM A-36 fy=250 MPa, 2515 Kgf/cm2, 36KSI.
ACERO ESTRUCTURAL	ASTM A-36 fy=250 MPa, 2515 Kgf/cm2, 36KSI.
SOLDADURAS	ELECTRODO E-60XX y E-70XX SEGÚN NORMA AWS D-1.1.
PERNOS	ASTM A-325 O EQUIVALENTES PARA CONEXIÓNES PERNADAS ENTRE ELEMENTOS.
	ASTM A-193 Grado B7 O EQUIVALENTES PARA CONEXIÓNES A CONCRETO.

CÓDIGOS QUE RIGEN EL DISEÑO

Para el análisis y diseño se utilizan las siguientes Normas

NSR-10	Reglamento de construcción sismo resistente colombiana decreto 945 de 2017.
ACI-IPS-1 (NSR-10. C1.1.8)	Requisitos esenciales para edificios de concreto reforzado.
ACI 318.	Requisitos de reglamento para concreto estructural.
AISC- AISI 2008.	Especificaciones para construcción en acero

NORMAS TECNICAS QUE RIGEN EL DISEÑO

Para el análisis y diseño se utilizan las siguientes Normas Técnicas Colombianas:

NTC 2289	NTC 321	NTC 2043
NTC 5806	NTC 1920	NTC 1985
NTC 174	NTC 4578	NTC 5832
NTC 4029	NTC 4035	

DESCRIPCIÓN DEL SISTEMA ESTRUCTURAL

La cubierta no pertenece al sistema de resistencia sísmica, el análisis y diseño estructural se diseñó de acuerdo con AIS 180-13 Recomendaciones para requisitos sísmicos de estructuras diferentes de edificaciones, capítulo A.8 de la NSR-10 y F2 de la NSR-10. Tiene un nivel que soporta una cubierta metalica.

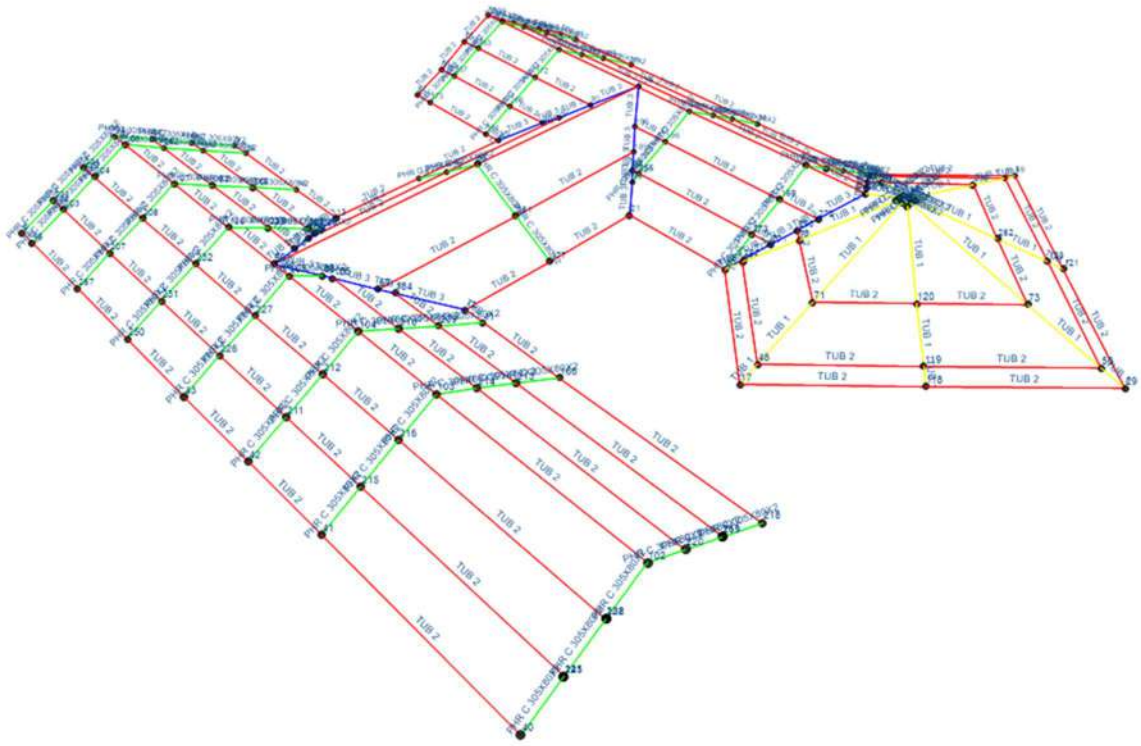


Ilustración 3. Axonometría del modelo de la Cubierta

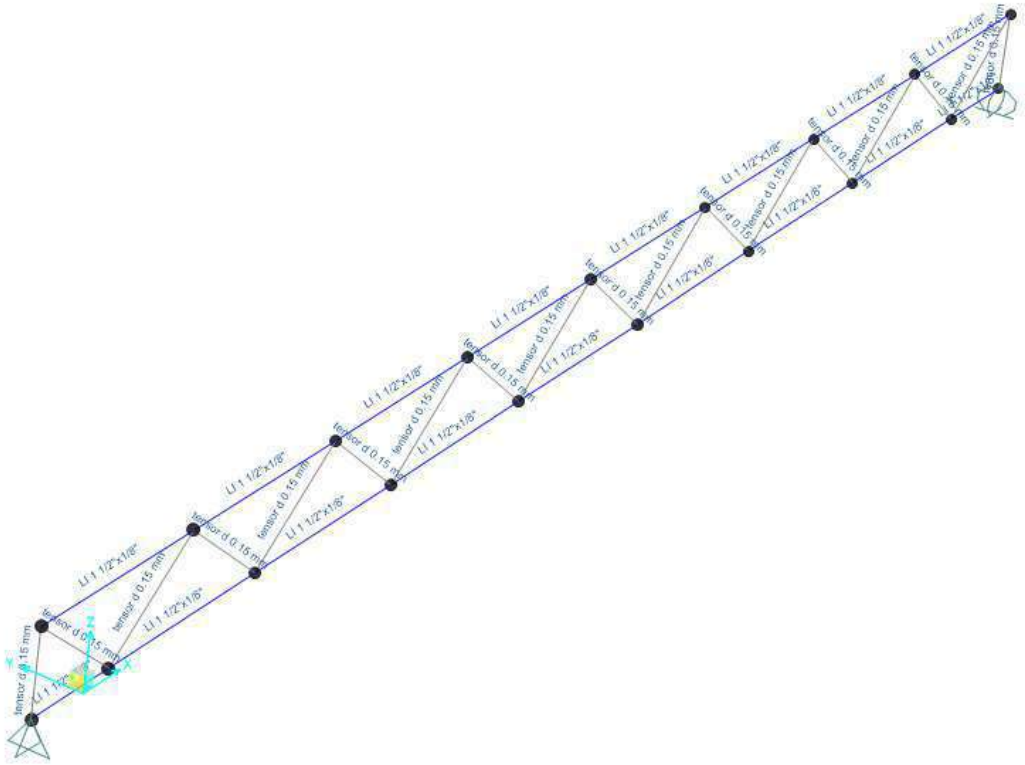


Ilustración 4. Axonometría del modelo de la CERCHA TIPO 1

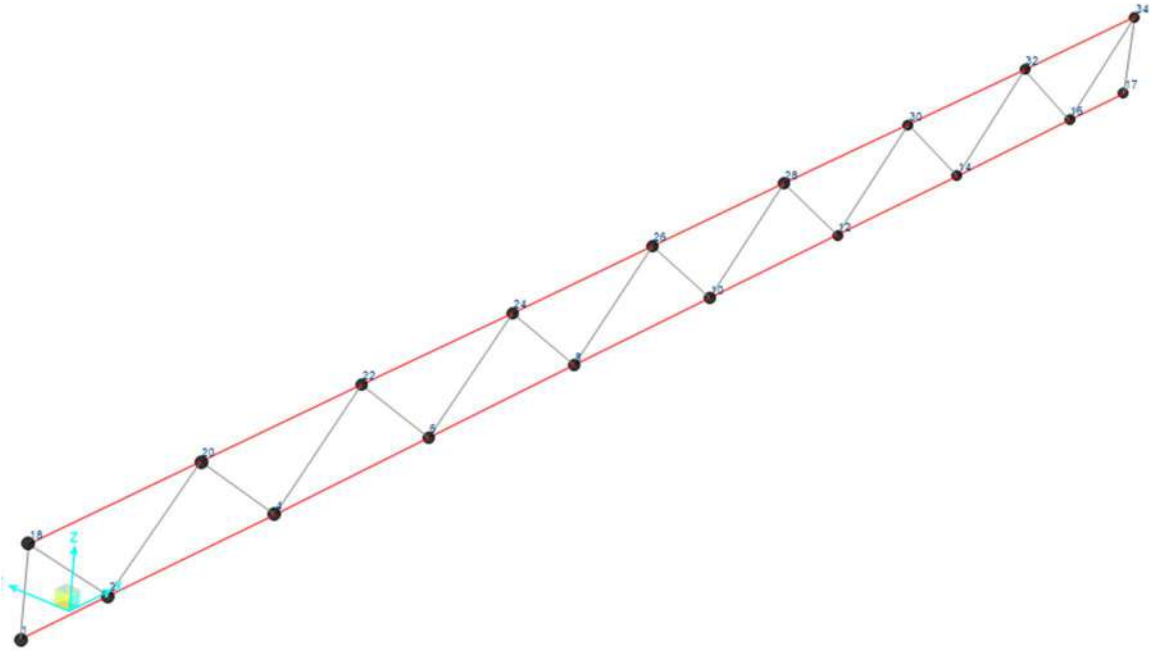


Ilustración 5. Distribución de nudos del modelo de la CERCHA TIPO 1.

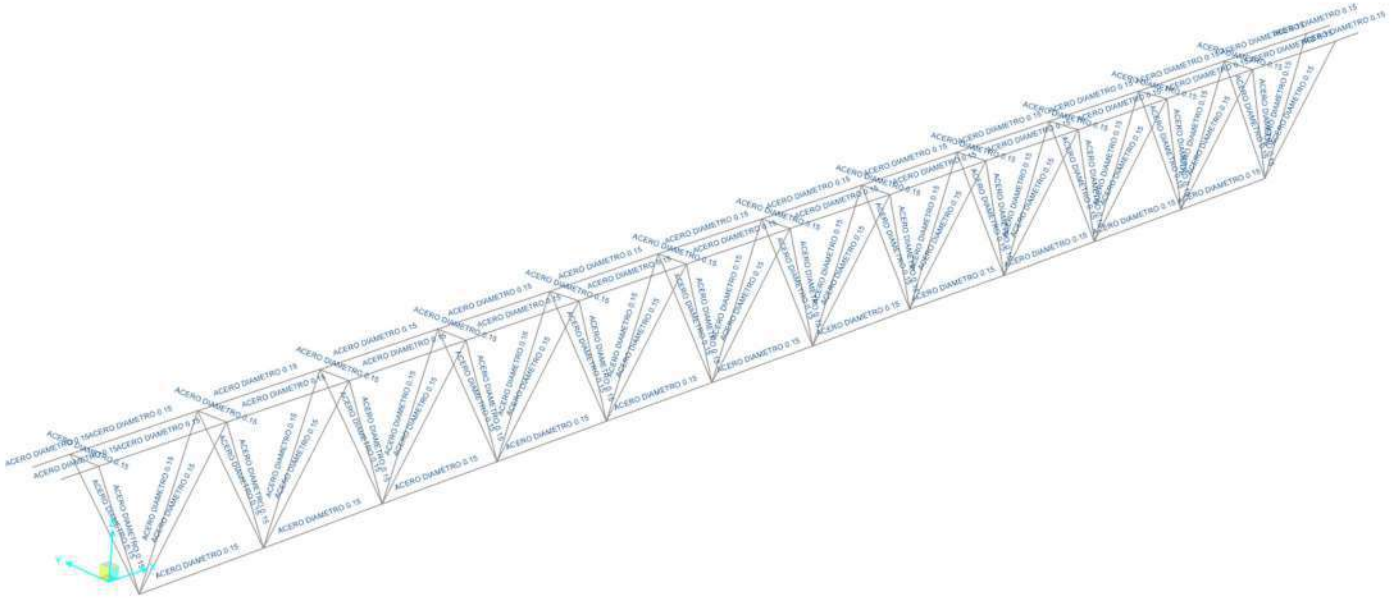


Ilustración 6. Axonometría del modelo de la CERCHA TIPO 2

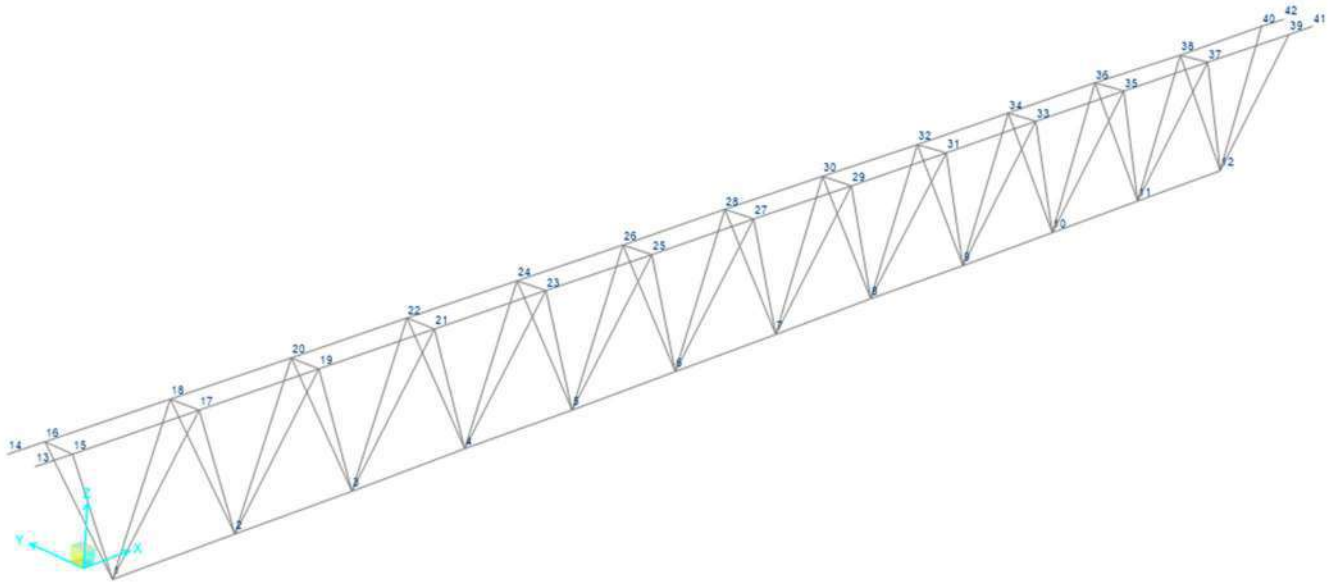


Ilustración 7. Distribución de nudos del modelo de la CERCHA TIPO 2.

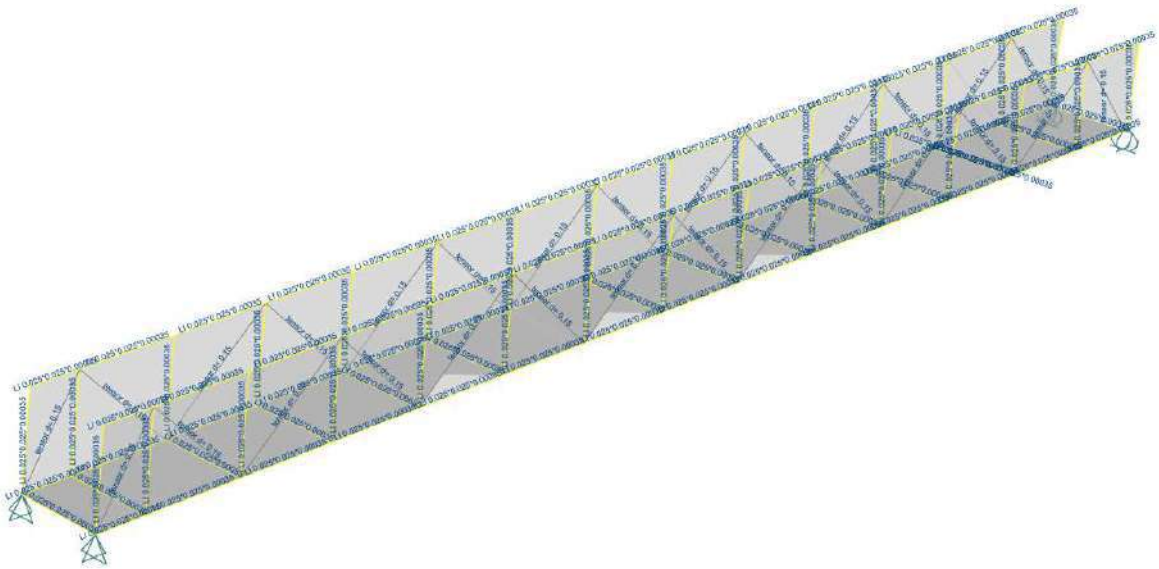


Ilustración 8. Axonometría del modelo de la CERCHA TIPO 3.

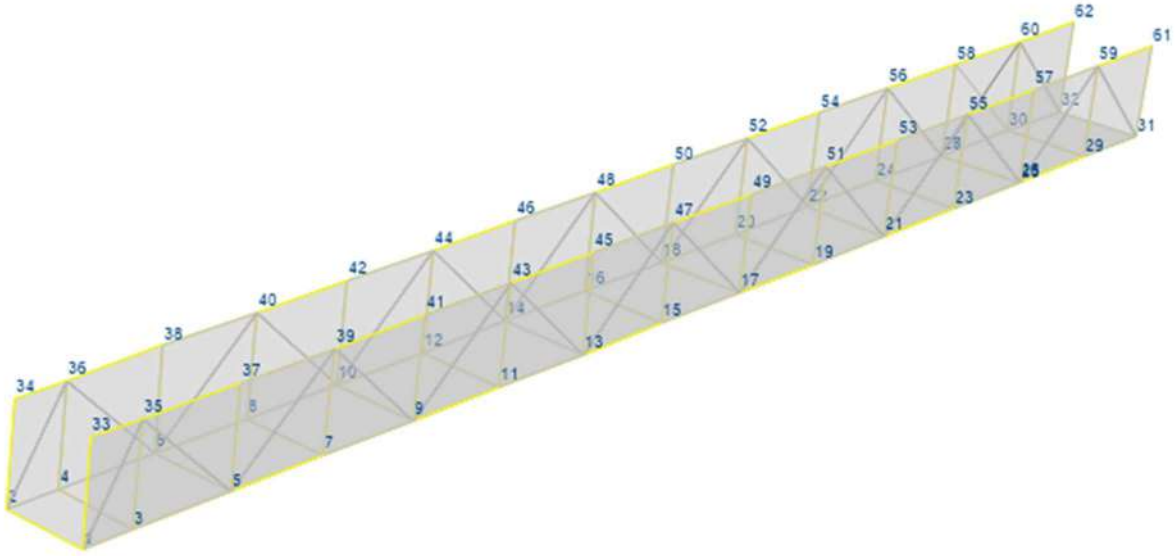


Ilustración 9. Distribución de nudos del modelo de la CERCHA TIPO 3.

COMBINACIONES DE CARGA

3. COMBINACIONES DE CARGAS MAYORADAS USANDO EL METODO DE RESISTENCIA PARA VERIFICAR DERIVAS (B.2.4 de NSR10)

Nomenclatura (NSR10 B.2.2):

D: Carga Muerta consistente en: a) Peso propio del elemento, b) peso de todos los materiales de construcción incorporados a la edificación y que son permanentemente soportados por el elemento incluyendo muros y particiones divisorias de espacios y c) peso del equipo permanente.

L: Cargas vivas debidas al uso y ocupación de la edificación, incluyendo cargas debidas a objetos móviles, particiones que se pueden cambiar de sitio. Incluye cualquier reducción que se permita. Si se toma en cuenta la resistencia a cargas de impacto este efecto debe tenerse en cuenta en la carga viva L.

Lr: Carga viva sobre la cubierta.

G: Carga debida al granizo, sin tener en cuenta la contribución del empozamiento.

Le: Carga de empozamiento de agua.

EX: Fuerzas sísmicas reducidas de diseño en dirección X-X (E=FS/R) que se emplean para diseñar los miembros estructurales.

EY: Fuerzas sísmicas reducidas de diseño en dirección Y-Y (E=FS/R) que se emplean para diseñar los miembros estructurales.

FSX: Fuerzas sísmicas sin reducir en dirección X-X calculadas de acuerdo con los requisitos del Titula A de NSR10.

FSY: Fuerzas sísmicas sin reducir en dirección Y-Y calculadas de acuerdo con los requisitos del Titula A de NSR10.

3. COMBINACIONES DE CARGAS MAYORADAS USANDO EL METODO DE RESISTENCIA PARA EL DISEÑO DE LA SUPERESTRUCTURA (B.2.4 de NSR10)

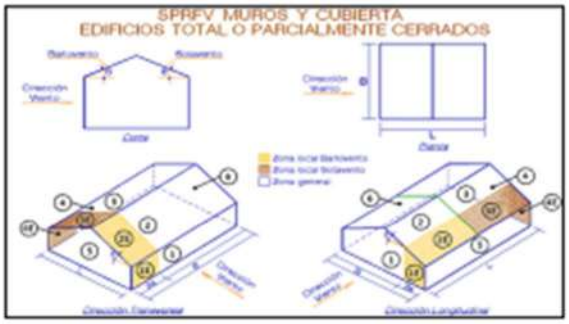
NOMBRE	D	L	Lr	G	Le	EX	EY
DIS01	1.4						
DIS02	1.2	1.6	0.5				
DIS03	1.2	1.0	1.6				
DIS04	1.2	1.0	0.5				
DIS05	1.2	1.0				1.00	0.30
DIS06	1.2	1.0				1.00	-0.30
DIS07	1.2	1.0				-1.00	0.30
DIS08	1.2	1.0				-1.00	-0.30
DIS09	1.2	1.0				0.30	1.00
DIS10	1.2	1.0				-0.30	1.00
DIS11	1.2	1.0				0.30	-1.00
DIS12	1.2	1.0				-0.30	-1.00
DIS13	0.9						
DIS14	0.9					1.00	0.30
DIS15	0.9					1.00	-0.30
DIS16	0.9					-1.00	0.30
DIS17	0.9					-1.00	-0.30
DIS18	0.9					0.30	1.00
DIS19	0.9					-0.30	1.00
DIS20	0.9					0.30	-1.00
DIS21	0.9					-0.30	-1.00
DIS22	1.2	1.6		0.5			
DIS23	1.2	1.6			0.5		
DIS24	1.2	1.0		1.6			
DIS25	1.2	1.0			1.6		
DIS26	1.2	1.0		0.5			
DIS27	1.2	1.0			0.5		

ANALISIS DE VIENTO

Fuerzas de Viento NSR-10

Análisis para Etapa:	Funcionamiento
Tipo Edificación:	Sistema Principal Resistente a la Fuerza de Viento
Sistema Estructural:	Porticos en Concreto
Clasificación de la Estructura:	Parcialmente Cerrado
Altura media de Cubierta (m):	3.79
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	23.34
Dimensión Horizontal de la Estructura (Normal al Viento) (B) (m):	24.56
Ángulo de la Cubierta a Sotavento (°):	60
Angulo de la Cubierta a Barlovento (°)	60
Velocidad de Viento Básica (Km/h) (Ver Mapa):	120
Grupo de Uso de la Estructura:	I
Región de la Estructura (m):	Región sin huracanes
Rugosidad del Terreno:	Rugosidad D
Categoria de Exposición:	C
La Estructura cumple TODOS los Efectos Topográficos (Ver Ayuda):	No

TIPO DE ESTRUCTURA: **Sistema Principal Resistente a la Fuerza de Viento**



Altura Media de la Estructura (h) (m):	3.79
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	23.34
Dimensión Horizontal de la Estructura (Normal al Viento) (B) (m):	24.56
Ángulo de Inclinación de la Cubierta (Barlovento) :	60
Ángulo de Inclinación de la Cubierta (Sotavento) :	60
Periódo del Edificio (T) (seg):	0.16
Clasificación de la Estructura:	
ESTRUCTURA:	RIGIDA
EDIFICIO:	Parcialmente Cerrado
EDIFICIO:	Bajo
Velocidad de Viento Básica (Según Mapa) (V) (m/s):	33
Factor de Dirección de Viento (Kd):	0.85
Uso de la Estructura (grupo):	I
Tipo de Región de la Estructura (Clase):	Región sin huracanes
Factor de Importancia (I):	1.15
Rugosidad de Terreno :	Rugosidad D
Altura de la Estructura por encima del Terreno (Z) (m):	3.79
Exponente para la ley potencial de la velocidad de ráfaga de 3 seg. (α) (-):	9.5
Altura nominal de la Capa Atmosférica Limite (Zg) (m):	274.3
Categoría de Exposición :	C
Coeficiente de Exposición de Presión por Velocidad (Kh):	0.83

Su Estructura cumple TODOS los Efectos Topográficos:	No
Factor Topográfico (Kzt):	1
Altura Equivalente de la Estructura (Zb) (m):	4.5
Factor de Escala de Longitud Integral (l) (m):	152.4
Exponente para la Ley Potencial (εb) (-):	1/5
Longitud Integral a Escala de la Turbulencia (Lzb) (m):	129.91
Factor de Respuesta del Entorno (Q) (-):	0.899
Intensidad de Turbulencia a la Altura zb (Izb) (-):	0.228
Factor Pico para Respuesta del Entorno y Viento respectivamente (gQ = gv) (-):	3.4
Velocidad de Viento Promedia por una hora a una altura z (Vbzb) (m/s):	18.97
Coeficiente de Amortiguamiento Critico (β) (-):	0.02
Frecuencia Natural del Edificio (η1) (Hz):	6.41
Frecuencia para RL (ηRL) (Hz):	121.452
Frecuencia para RB (ηRB) (Hz):	38.174
Frecuencia para Rh (ηRh) (Hz):	5.891
Factor de Respuesta para L (RL) (-):	0.008
Factor de Respuesta para B (RB) (-):	0.026
Factor de Respuesta para h (Rh) (-):	0.155
Frecuencia Reducida (N1) (-):	43.895
Valor (Rn) (-):	0.012
Factor de Respuesta de Resonancia (R) (-):	0.036
Factor Pico para Respuesta de Resonancia (gR) (-):	4.611
Presión de Velocidad (qh) (Kg/m²):	53.857
Factor de Efecto Ráfaga (G) (-):	0.872
Coeficiente de Presión Interna (GCpi+) (-):	0.55
Coeficiente de Presión Interna (GCpi-) (-):	-0.55
a (m):	1.52

Su Estructura cumple TODOS los Efectos Topográficos:	No
Factor Topográfico (Kzt):	1
Altura Equivalente de la Estructura (Zb) (m):	4.5
Factor de Escala de Longitud Integral (l) (m):	152.4
Exponente para la Ley Potencial (εb) (-):	1/5
Longitud Integral a Escala de la Turbulencia (Lzb) (m):	129.91
Factor de Respuesta del Entorno (Q) (-):	0.899
Intensidad de Turbulencia a la Altura zb (Izb) (-):	0.228
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Coeficiente de Presión Interna (GCpi+) (-):	0.55
Coeficiente de Presión Interna (GCpi-) (-):	-0.55
a (m):	1.52

Presión de Diseño para Sotavento en FACHADA, para Muros LATERALES y para CUBIERTA Edificios Bajos:

COEF. PRESIÓN PARA SOTAVENTO FACHADAS Y MUROS LATERALES (4),(4E),(5),(6)

Interna	GCpi +	0.55	Externa	Local Sotavento	Gral. Sotavento	Laterales
	GCpi -	-0.55		-0.48	-0.37	-0.450

PRESIÓN DE DISEÑO PARA SOTAVENTO EN FACHADAS

En Zona Local con GCpi + (kg/m²) (4E)	-55.472	En Zona Gral. con GCpi + (kg/m²) (4)	-49.548
En Zona Local con GCpi - (kg/m²) (4E)	3.77	En Zona Gral. con GCpi - (kg/m²) (4)	9.694

PRESIÓN DE DISEÑO PARA MUROS LATERALES (5),(6)

Con GCpi + (kg/m²)	-53.857	Con GCpi - (kg/m²)	5.386

COEFICIENTES DE PRESIÓN PARA CUBIERTA (2),(2E),(3),(3E)

Interna			Externa			
GCpi +	GCpi -		Local Barlov.	Local Sotav.	Gral. Barlov.	Gral. Sotav.
0.55	-0.55		0.41	-0.513	0.327	-0.41

PRESIÓN DE DISEÑO PARA CUBIERTA

Presión de Diseño para Barlovento		Presión de Diseño para Sotavento	
En Zona Local con GCpi + (kg/m²) (2E)	-7.54	En Zona Local con GCpi + (kg/m²) (3E)	-57.25
En Zona Local con GCpi - (kg/m²) (2E)	51.702	En Zona Local con GCpi - (kg/m²) (3E)	1.993
En Zona Gral. con GCpi + (kg/m²) (2)	-12.01	En Zona Gral. con GCpi + (kg/m²) (3)	-51.702
En Zona Gral. con GCpi - (kg/m²) (2)	47.232	En Zona Gral. con GCpi - (kg/m²) (3)	7.54

Presión de Diseño para Barlovento en FACHADA Edificios Bajos:

Coeficientes de Presión	Interna	GCpi +	0.55	Externa	Local (1E)	0.69
	(1),(1E)	GCpi -	-0.55		General (1)	0.56
	ALTURA DE ANÁLISIS, Z (m)					
PRESIONES DE DISEÑO	0.474	0.948	1.421	1.895	2.843	3.79
Coef. Exposición de presión, Kz (-)	0.846	0.846	0.846	0.846	0.846	0.846
P. por Velocidad, qz (kg/m²)	55.209	55.209	55.209	55.209	55.209	55.209
P. Dis. Zona Local con GCpi+ (kg/m²) (1E)	7.729	7.729	7.729	7.729	7.729	7.729
P. Dis. Zona Local con GCpi- (kg/m²) (1E)	68.459	68.459	68.459	68.459	68.459	68.459
P. Dis. Zona Gral. con GCpi+ (kg/m²) (1)	0.552	0.552	0.552	0.552	0.552	0.552
P. Dis. Zona Gral. con GCpi- (kg/m²) (1)	61.282	61.282	61.282	61.282	61.282	61.282

*El NSR-10 (B.6.1.3) estipula que la presión de diseño no será menor de 0.40kN/m² (40 kg/m²)

AVALÚO CARGAS GRAVITACIONALES

CERCHA TIPO 1 y 2

EVALUACIÓN DE CARGAS CUBIERTA

EVALUACION DE CARGA

- Teja	=	0.14 kN/m²	(Tabla B.3.4.1-4 NSR10)
cerchas	=	0.00 kN/m²	
- Entramado de cubierta tirantes correa	=		
correas inferiores y superiores			
Peso propio		0.14 kN/m²	
- Ductos mecánicos	=	0.20 kN/m²	(Tabla B.3.4.1-1 NSR10)
intalaciones electricas	=	0.00 kN/m²	
- Cielo raso	=	0.00 kN/m²	
Peso de materiales de construcción		0.20 kN/m²	
Carga muerta, D		**0.34 kN/m²**	
Carga viva cubiertas (pend < de 15°), Lr		**0.35 kN/m²**	(Tabla B.4.2.1-2 NSR10)
Carga debida al granizo , G		**0.00 kN/m²**	(B.4.8.3 de NSR10)
Carga de empozamiento de agua , Le		**0.00 kN/m²**	(B.4.8.1 de NSR10)
Altura paraperto		0.00 m	
Mampostería de bloque de arcilla		1.80 kN/m²	(Tabla B.3.4.2-4 NSR10)
peso parapeto KN/m		0.00 KN/m	

OBSERVACIONES :

CERCHA TIPO 3

EVALUACIÓN DE CARGAS CUBIERTA

EVALUACION DE CARGA

- Teja	=	0.14 kN/m²	(Tabla B.3.4.1-4 NSR10)
cerchas	=	0.00 kN/m²	
- Entramado de cubierta tirantes correa:	=		
correas inferiores y superiores			
Peso propio		0.14 kN/m²	
- Ductos mecánicos	=	0.20 kN/m²	(Tabla B.3.4.1-1 NSR10)
intalaciones electricas	=		
- Cielo raso	=		
Peso de materiales de construcción		0.20 kN/m²	
Carga muerta, D		**0.34 kN/m²**	
Carga viva cubiertas (pend < de 15°), Lr		**0.35 kN/m²**	(Tabla B.4.2.1-2 NSR10)
Carga debida al granizo , G		**0.00 kN/m²**	(B.4.8.3 de NSR10)
Carga de empozamiento de agua , Le		**0.92 kN/m²**	(B.4.8.1 de NSR10)
Altura paraperto		0.00 m	
Mampostería de bloque de arcilla		1.80 kN/m²	(Tabla B.3.4.2-4 NSR10)
peso parapeto KN/m		0.00 KN/m	

OBSERVACIONES :

ESPECTRO PARA DISEÑO

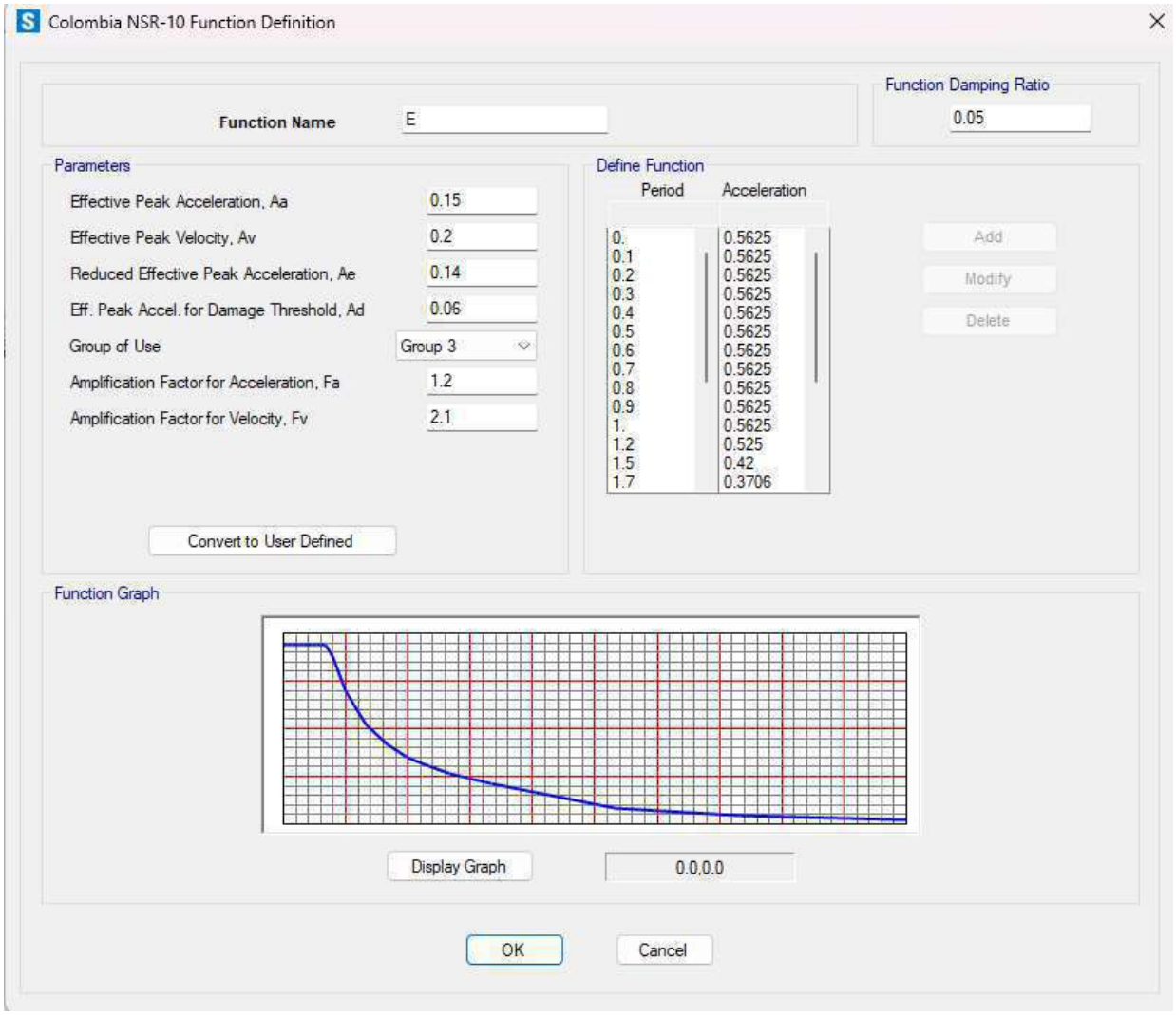


Ilustración 10. Espectro para diseño según NSR-10.

El resumen de los coeficientes de reducción de capacidad de disipación es: 1.00

RESULTADOS DEL ANALISIS

Para el análisis estructural se utilizó un software, el cual trabaja con métodos numéricos y matriciales siguiendo los principios de la mecánica, mediante el cual se obtiene el análisis para el diseño de los elementos. A continuación, se presentan las fuerzas internas de cada elemento para su diseño.

ASIGNACIÓN DE CARGAS EN EL MODELO DE LA ESTRUCTURA PRINCIPAL

CERCHA TIPO 1

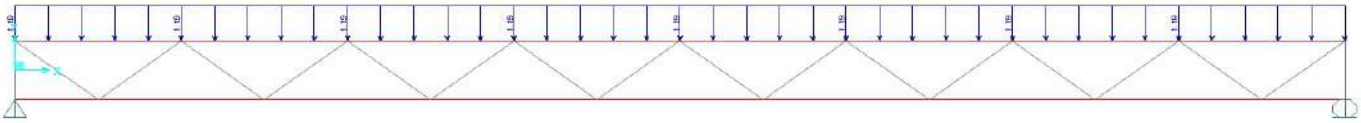


Ilustración 11. Asignación de cargas muertas de CERCHA TIPO 1 KN/m

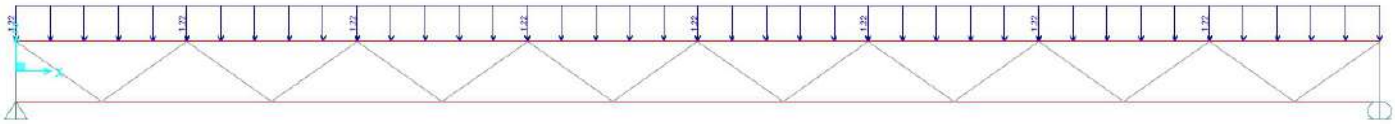


Ilustración 12. Asignación de cargas vivas de CERCHA TIPO 1 KN/m

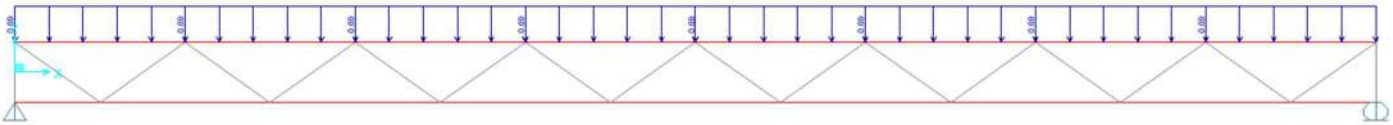


Ilustración 13. Asignación de cargas de viento X de CERCHA TIPO 1 KN/m

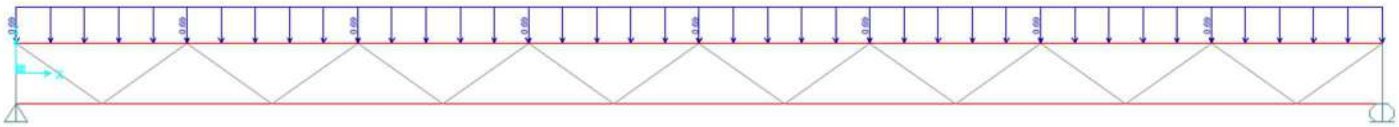


Ilustración 14. Asignación de cargas de viento Y de CERCHA TIPO 1 KN/m

CERCHA TIPO 2

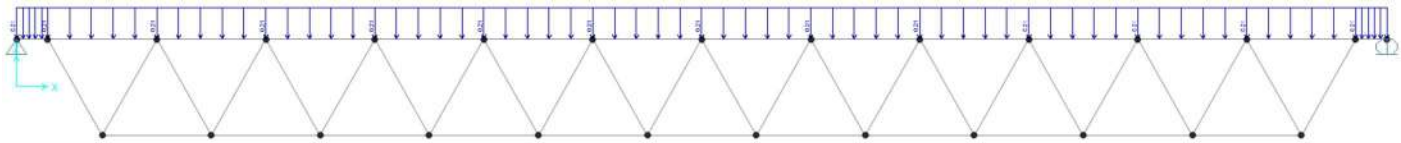


Ilustración 15. Asignación de cargas muertas de CERCHA TIPO 2 KN/m

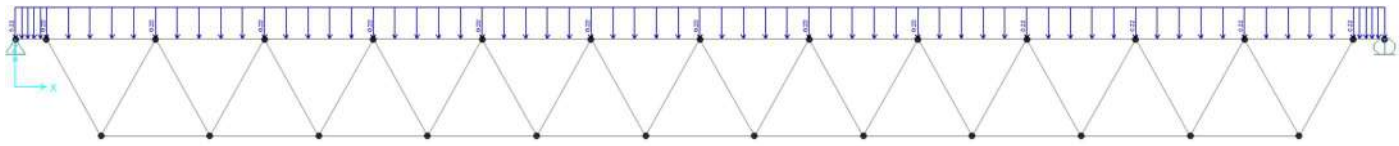


Ilustración 16. Asignación de cargas vivas de CERCHA TIPO 2 KN/m

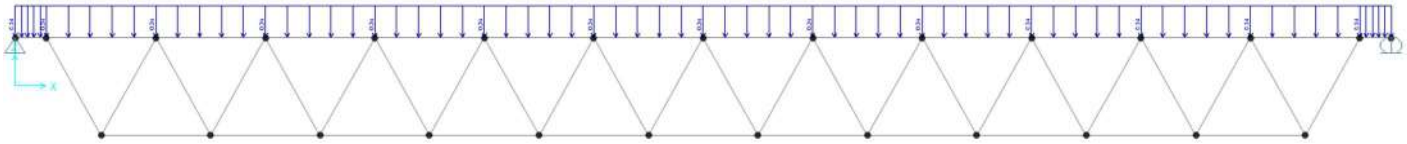


Ilustración 17. Asignación de cargas de viento X de CERCHA TIPO 2 KN/m

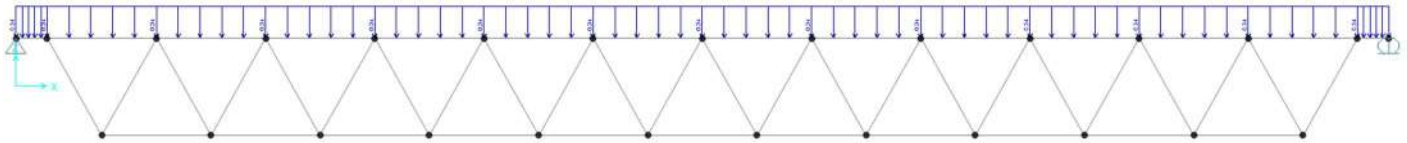


Ilustración 18. Asignación de cargas de viento Y de CERCHA TIPO 21 KN/m

CERCHA TIPO 3



Ilustración 19. Asignación de cargas muertas de CERCHA TIPO 3 KN/m

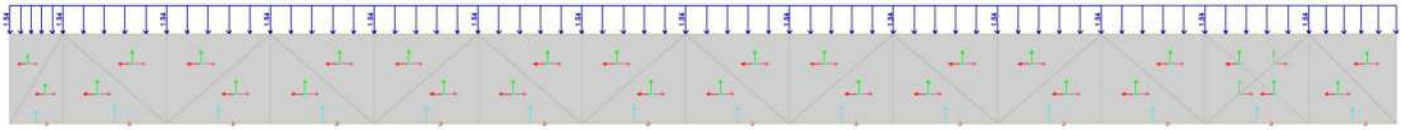


Ilustración 20. Asignación de cargas vivas de CERCHA TIPO 3 KN/m



Ilustración 21. Asignación de cargas de viento X de CERCHA TIPO 2 KN/m

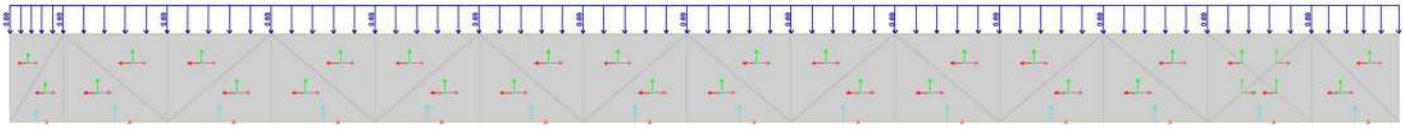


Ilustración 22. Asignación de cargas de viento Y de CERCHA TIPO 3 KN/m

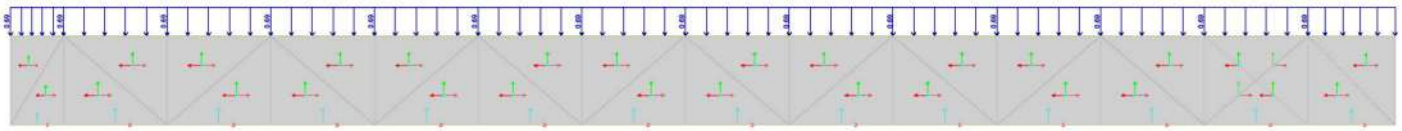


Ilustración 23. Asignación de cargas de empozamiento de CERCHA TIPO 3 KN/m

INTERPRETACIÓN DE RESULTADOS

Una vez se obtienen los efectos en los elementos del modelo, disponibles en el anexo de salidas de los modelos se procede al diseño de los mismos.

CERCHA TIPO 1

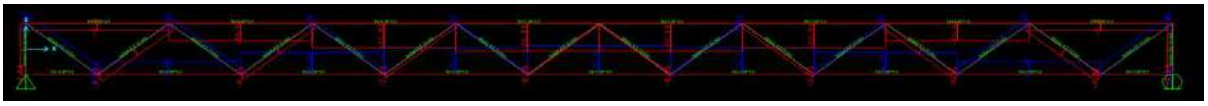


Ilustración 24. Diagrama de envolvente de fuerza axial en CERCHA TIPO 1 KN

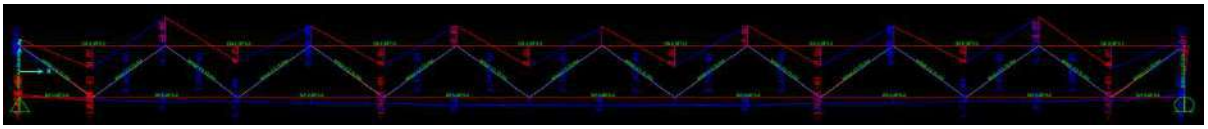


Ilustración 25. Diagrama de envolvente momento flector en CERCHA TIPO 1 KN.m

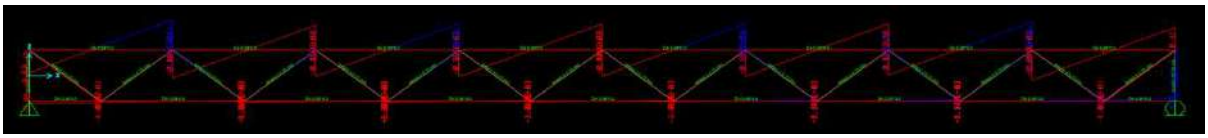


Ilustración 26. Diagrama de envolvente cortante en CERCHA TIPO 1 KN

CERCHA TIPO 2

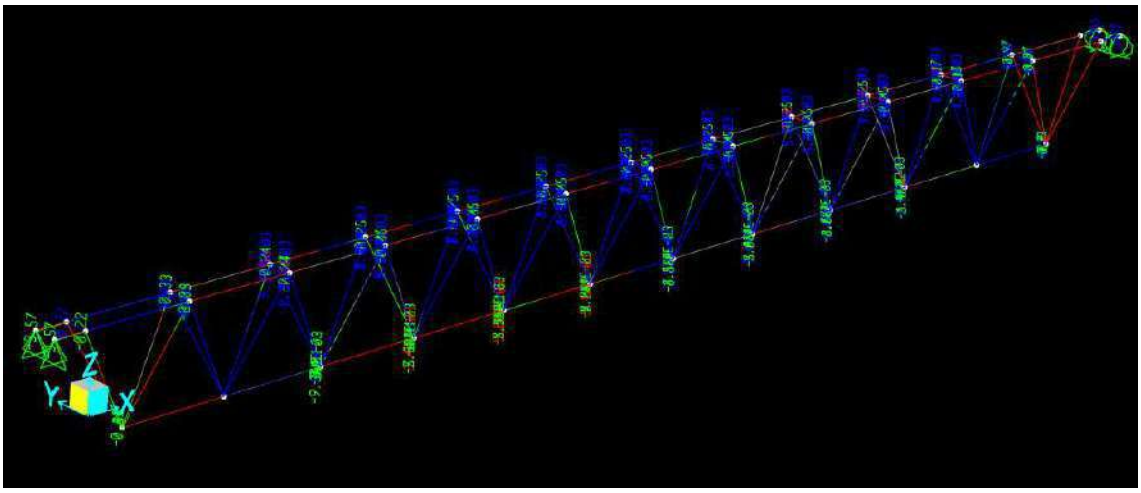


Ilustración 27. Diagrama de envolvente de fuerza axial en CERCHA TIPO 2 KN

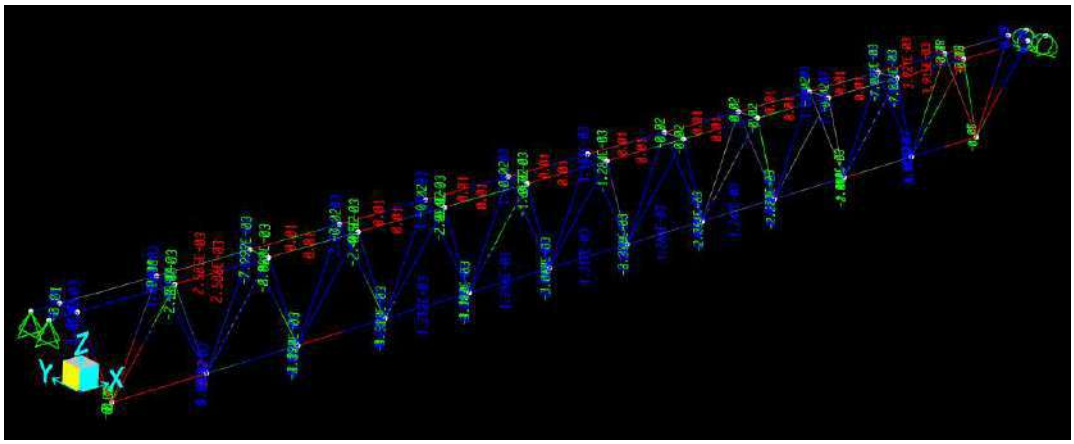


Ilustración 28. Diagrama de envolvente momento flector en CERCHA TIPO 21 KN.m

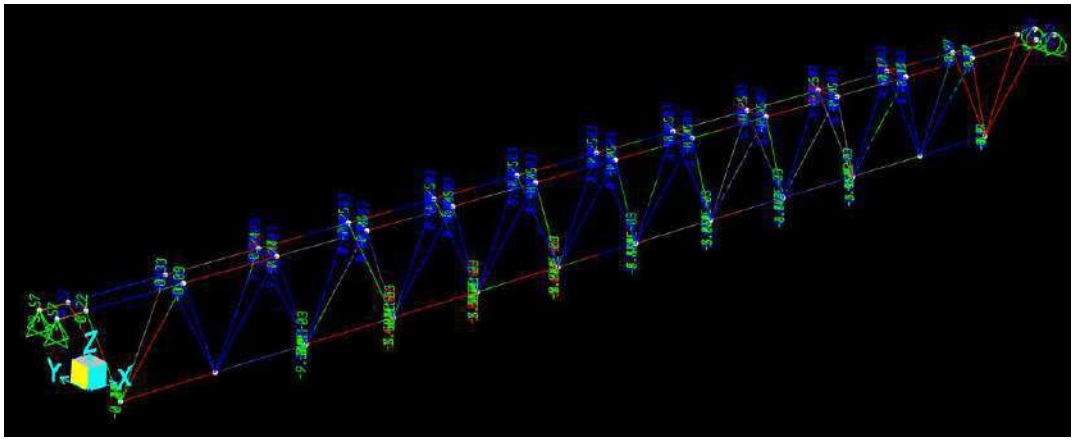


Ilustración 29. Diagrama de envolvente cortante en CERCHA TIPO 2 KN

CERCHA TIPO 3

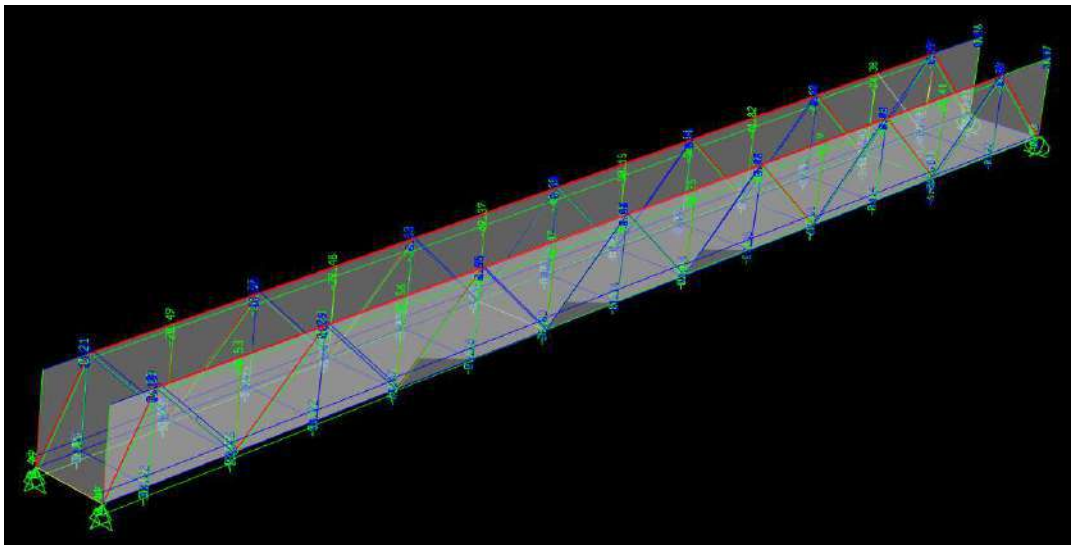


Ilustración 30. Diagrama de envolvente de fuerza axial en CERCHA TIPO 3 KN

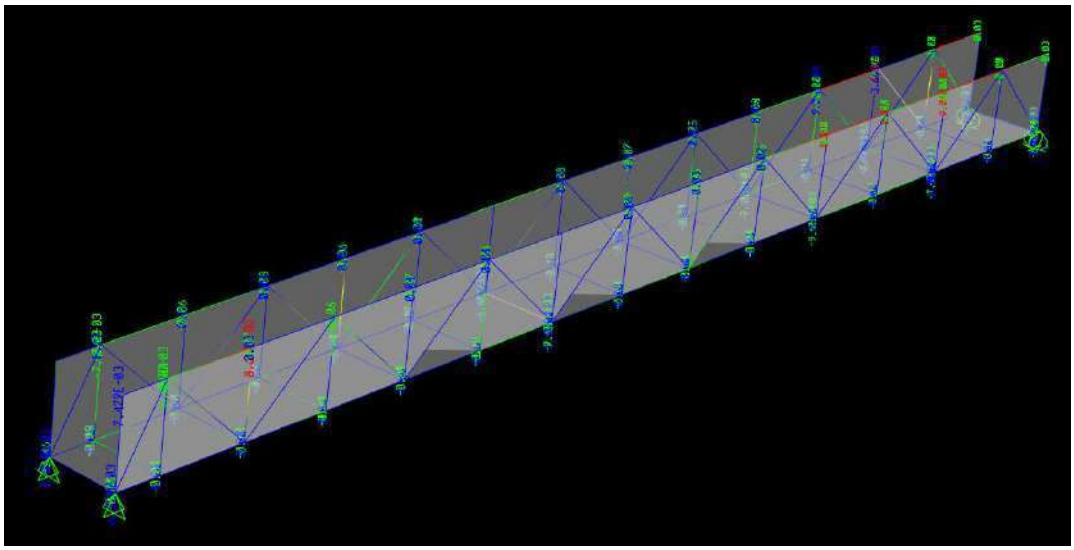


Ilustración 31. Diagrama de envolvente momento flector en CERCHA TIPO 3 KN.m

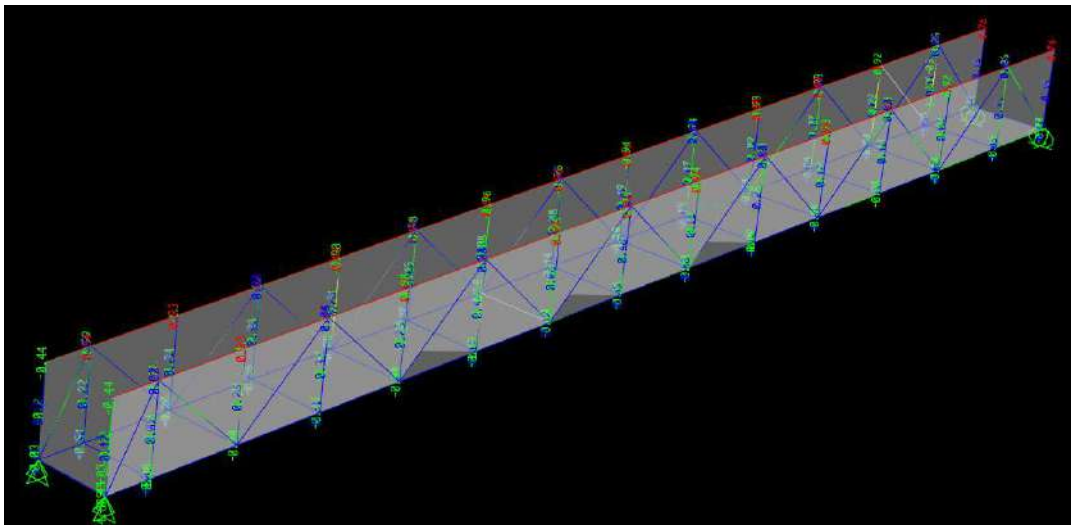


Ilustración 32. Diagrama de envolvente cortante en CERCHA TIPO 3 KN

VERIFICACION DE ELEMENTOS DE CUBIERTA

Los elementos fueron verificados mediante el empleo de hojas de cálculo a partir de los efectos obtenidos en la envolvente de diseño programada en el modelo estructural.

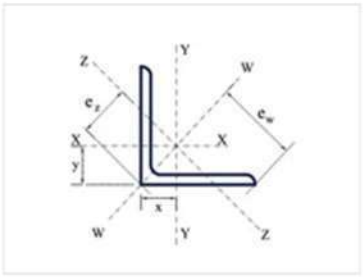
VERIFICACION DE ELEMENTOS EXISTENTES DE CUBIERTA CERCHA TIPO 1

La verificación a tensión, compresión, flexión y flexo-compresión de los elementos aéreos se realiza para soportar los efectos obtenidos de la envolvente. Bajo las combinaciones de carga con el método de esfuerzos de trabajo para los elementos de madera y las combinaciones de carga mayoradas usando el método de resistencia.

CERCHA TIPO 1

DISEÑO DE ELEMENTOS A TENSIÓN (NSR-10)

Tipo de perfil= Perfil_Angular_LI



Perfil= LI 1 1/2"x1/8"
Material= A-572 G50 <= 100 mm
F_y= 350 MPa
F_u= 450 MPa

Tensión ultima (T_u)= 40.73 KN
Cantidad de perforaciones perpendicular a la aplicación de la fuerza= 0
Diametro de la perforación= 3/4 in
Sobre ancho de perforación (+1/16" imp.)= 1/8 in

Espesor (t)= 3.18 mm
Área Bruta (Ag)= 1.82 cm²
Área Neta (An)= 1.82 cm²
Factor de rezado de cortante (U)= 1.00
Área Efectiva (Ae)= 1.82 cm²

RESISTENCIA DE DISEÑO

Estado limite de fluencia (ϕ_t)= 0.90

ϕT_n= 57.33 KN

57.33 KN > 40.73 KN **O.K.**

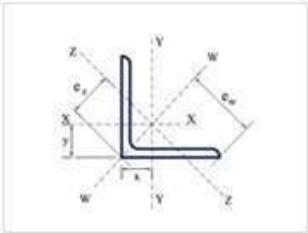
Estado limite de rotura (ϕ_t)= 0.75

ϕT_n= 61.43 KN

61.43 KN > 40.73 KN **O.K.**

DISEÑO DE ELEMENTOS A COMPRESIÓN (NSR-10)

Tipo de perfil= Perfil_Angular_LI



Perfil= LI 1 1/2"x1/8"
Material= A-572 G50 <= 100 mm
F_y= 350 MPa E= 200000 MPa
F_u= 450 MPa G= 77200 MPa
ϕ= 0.90

SOLICITACIONES Y CARACTERISTICAS DEL PERFIL A EVALUAR

Compresión ultima (P_u)=	40.65 KN	Area bruta (A_g)=	2.34 cm²
Longitud en X (L_x)=	0.00 m	Momento de inercia en X (I_x)=	3.25 cm^4
Longitud en Y (L_y)=	7.26 m	Momento de inercia en Y (I_y)=	3.25 cm^4
Longitud en Z (L_z)=	0.32 m	Constante de alabeo (C_w)=	8.70E-02 cm^6
Factor de long. efectiva en X (K_x)=	1.2	Constante torsional (J)=	0.08 cm^4
Factor de long. efectiva en Y (K_y)=	1.2	Radio de giro r_x=	1.17 cm
ctor de long. efectiva por torsión (K_z)=	1.2	Radio de giro r_y=	1.17 cm

b/t=	12.00	λ_r= 10.76		Esbelto
h/t=	12.00	λ_r= 10.76		Esbelto
Relación de esbeltez λ_x=	60.00	<	200	O.K.
Relación de esbeltez λ_y=	60.00	<	200	O.K.

PANDEO POR FLEXIÓN

Esf. crítico de pandeo elástico en X $F_{e,x}$= 548.31 MPa
Esf. crítico de pandeo elástico en Y $F_{e,y}$= 548.31 MPa
Esf. de pandeo por flexión en X $F_{cr,x}$= 267.94 MPa
Esf. de pandeo por flexión en Y $F_{cr,y}$= 267.94 MPa

$$4.71\sqrt{\frac{E}{F_y}} = 112.59$$

PANDEO POR TORSIÓN

Esf. de pandeo elástico por torsión $F_{e,z}$= 968.07 MPa
Esf. de pandeo por torsión $F_{cr,z}$= 300.85 MPa

CAPACIDAD DEL PERFIL

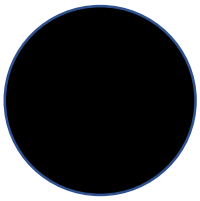
Esfuerzo critico a compresión F_e= 267.94 MPa

ϕP_n= 56.43 KN > 40.65 KN O.K.

CERCHA TIPO 2

CERCHA TIPO 2

DISEÑO DE ELEMENTOS A TENSIÓN EN BARRAS (NSR-10)



Diametro= 1/2
Material= A-572 G60 <= 32 mm
F_y= 415 MPa
F_u= 520 MPa

Tensión ultima (T_u)= 4.54 KN
Cantidad de perforaciones perpendicular a la aplicación de la fuerza= 0
Diametro de la perforación= 3/4 in
obre ancho de perforación (+1/16" imp.)= 1/8 in

Área Bruta (Ag)= 1.27 cm²
Área Neta (An)= 1.27 cm²
Factor de rezado de cortante (U)= 1.00
Área Efectiva (Ae)= 1.27 cm²

RESISTENCIA DE DISEÑO

Estado limite de fluencia (ϕ_t)= 0.90

ϕT_n= 47.31 KN

47.31 KN > 4.54 KN **O.K.**

Estado limite de rotura (ϕ_t)= 0.75

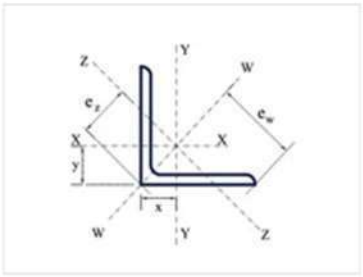
ϕT_n= 49.40 KN

49.40 KN > 4.54 KN **O.K.**

CERCHA TIPO 3

DISEÑO DE ELEMENTOS A TENSIÓN (NSR-10)

Tipo de perfil= Perfil_Angular_LI



Perfil= LI 1"x1/8"
Material= A-572 G50 <= 100 mm
F_y= 350 MPa
F_u= 450 MPa

Tensión ultima (T_u)= 37.45 KN
Cantidad de perforaciones perpendicular a la aplicación de la fuerza= 0
Diametro de la perforación= 3/4 in
Sobre ancho de perforación (+1/16" imp.)= 1/8 in

Espesor (t)= 3.18 mm
Área Bruta (Ag)= 1.19 cm^2
Área Neta (An)= 1.19 cm^2
Factor de rezado de cortante (U)= 1.00
Área Efectiva (Ae)= 1.19 cm^2

RESISTENCIA DE DISEÑO

Estado limite de fluencia (ϕ_t)= 0.90

ϕT_n= 37.49 KN

37.49 KN > 37.45 KN **O.K.**

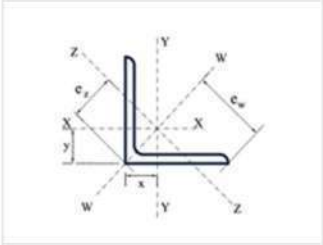
Estado limite de rotura (ϕ_t)= 0.75

ϕT_n= 40.16 KN

40.16 KN > 37.45 KN **O.K.**

DISEÑO DE ELEMENTOS A COMPRESIÓN (NSR-10)

Tipo de perfil= Perfil_Angular_LI



Perfil= LI 1"x1/8"
Material= A-572 G50 <= 100 mm
F_y= 350 MPa **E=** 200000 MPa
F_u= 450 MPa **G=** 77200 MPa
ϕ= 0.90

SOLICITACIONES Y CARACTERISTICAS DEL PERFIL A EVALUAR

Compresión ultima (P_u)=	28.14 KN	**Area bruta (A_g)=**	1.52 cm²
Longitud en X (L_x)=	0.21 m	**Momento de inercia en X (I_x)=**	0.92 cm^4
Longitud en Y (L_y)=	6.88 m	**Momento de inercia en Y (I_y)=**	0.92 cm^4
Longitud en Z (L_z)=	0.34 m	**Constante de alabeo (C_w)=**	2.40E-02 cm^6
Factor de long. efectiva en X (K_x)=	1.2	**Constante torsional (J)=**	0.05 cm^4
Factor de long. efectiva en Y (K_y)=	1.2	**Radio de giro r_x=**	0.79 cm
ctor de long. efectiva por torsión (K_z)=	1.2	**Radio de giro r_y=**	0.79 cm

b/t=	8.00	**λ_r=** 10.76		**No Esbelto**
h/t=	8.00	**λ_r=** 10.76		**No Esbelto**
Relación de esbeltez λ_x=	81.27	<	200	**O.K.**
Relación de esbeltez λ_y=	81.27	<	200	**O.K.**

PANDEO POR FLEXIÓN

Esf. crítico de pandeo elástico en X $F_{e,x}$= 298.89 MPa
Esf. crítico de pandeo elástico en Y $F_{e,y}$= 298.89 MPa

$$4.71\sqrt{\frac{E}{F_y}} = 112.59$$

Esf. de pandeo por flexión en X $F_{cr,x}$= 214.39 MPa
Esf. de pandeo por flexión en Y $F_{cr,y}$= 214.39 MPa

PANDEO POR TORSIÓN

Esf. de pandeo elástico por torsión $F_{e,z}$= 2239.16 MPa
Esf. de pandeo por torsión $F_{cr,z}$= 327.83 MPa

CAPACIDAD DEL PERFIL

Esfuerzo critico a compresión F_e= 214.39 MPa

ϕP_n= 29.33 KN > 28.14 KN **O.K.**

CONCLUSIONES

- La estructura fue analizada y verificada de acuerdo con la normatividad vigente NSR-10 y las condiciones actuales no presentan deterioro.

- Del análisis numérico se deduce que la estructura es apta para ser reutilizada

- Teniendo en cuenta los resultados de los índices de flexibilidad y resistencia obtenidos en todos los elementos que conforman la estructura, se garantiza el cumplimiento de la NSR-10.

ANEXOS

ANEXO A. DATOS DE ENTRADA Y SALIDA – CUBIERTA CERCHA TIPO 1

Table: Base Reactions, Part 1 of 3

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ	GlobalX
		KN	KN	KN	KN-m	KN-m	KN-m	m
DEAD	LinStatic	2.081E-13	-2.221E-15	8.954	1.4327	-32.2353	-3.329E-14	0.
L	LinStatic	0.	0.	0.	0.	0.	0.	0.
Lr	LinStatic	1.439E-13	-2.220E-15	8.82	1.4112	-31.752	-2.303E-14	0.
G	LinStatic	0.	0.	0.	0.	0.	0.	0.
Le	LinStatic	0.	0.	0.	0.	0.	0.	0.
Wx	LinStatic	1.011E-13	-1.110E-15	4.968	0.7949	-17.8848	-1.617E-14	0.
Wy	LinStatic	1.011E-13	-1.110E-15	4.968	0.7949	-17.8848	-1.617E-14	0.
CFx D	LinStatic	-0.018	-7.318E-19	-2.851E-16	-4.573E-17	-0.0027	0.0029	0.
CFy D	LinStatic	4.565E-03	-0.015	6.759E-03	-0.0013	-0.0608	-7.305E-04	0.
CFx L	LinStatic	0.	0.	0.	0.	0.	0.	0.
CFy L	LinStatic	0.	0.	0.	0.	0.	0.	0.
CFx Lr	LinStatic	-0.018	-6.776E-19	-2.828E-16	-4.534E-17	-0.0028	0.0028	0.
CFy Lr	LinStatic	3.899E-03	-7.324E-03	-4.868E-03	-0.002	0.0054	-6.239E-04	0.
DIS01	Combination	-0.025	-3.111E-15	12.536	2.0058	-45.1333	0.004	0.
DIS02	Combination	0.025	-3.109E-15	12.536	2.0058	-45.1256	-0.004	0.
DIS03	Combination	6.391E-03	-0.021	12.545	2.0039	-45.2146	-0.001	0.
DIS04	Combination	-6.391E-03	0.021	12.526	2.0076	-45.0443	0.001	0.
DIS05	Combination	-0.03	-3.777E-15	15.155	2.4248	-54.5631	0.0048	0.
DIS06	Combination	0.03	-3.775E-15	15.155	2.4248	-54.5537	-0.0048	0.
DIS07	Combination	7.428E-03	-0.022	15.161	2.4222	-54.6287	-0.0012	0.
DIS08	Combination	-7.428E-03	0.022	15.149	2.4274	-54.4881	0.0012	0.
DIS09	Combination	-0.021	-2.666E-15	10.745	1.7192	-38.6857	0.0034	0.
DIS10	Combination	0.021	-2.665E-15	10.745	1.7192	-38.6791	-0.0034	0.
DIS11	Combination	5.478E-03	-0.018	10.753	1.7176	-38.7554	-8.765E-04	0.
DIS12	Combination	-5.478E-03	0.018	10.737	1.7208	-38.6094	8.765E-04	0.
DIS13	Combination	-0.021	-2.666E-15	10.745	1.7192	-38.6857	0.0034	0.
DIS14	Combination	0.021	-2.665E-15	10.745	1.7192	-38.6791	-0.0034	0.
DIS15	Combination	5.478E-03	-0.018	10.753	1.7176	-38.7554	-8.765E-04	0.
DIS16	Combination	-5.478E-03	0.018	10.737	1.7208	-38.6094	8.765E-04	0.
DIS17	Combination	-0.05	-6.220E-15	24.857	3.9771	-89.4934	0.008	0.
DIS18	Combination	0.05	-6.216E-15	24.857	3.9771	-89.4778	-0.008	0.
DIS19	Combination	0.012	-0.03	24.857	3.9724	-89.5499	-0.0019	0.
DIS20	Combination	-0.012	0.03	24.857	3.9819	-89.4212	0.0019	0.
DIS21	Combination	-0.021	-2.666E-15	10.745	1.7192	-38.6857	0.0034	0.
DIS22	Combination	0.021	-2.665E-15	10.745	1.7192	-38.6791	-0.0034	0.
DIS23	Combination	5.478E-03	-0.018	10.753	1.7176	-38.7554	-8.765E-04	0.
DIS24	Combination	-5.478E-03	0.018	10.737	1.7208	-38.6094	8.765E-04	0.
DIS25	Combination	-0.021	-2.666E-15	10.745	1.7192	-38.6857	0.0034	0.
DIS26	Combination	0.021	-2.665E-15	10.745	1.7192	-38.6791	-0.0034	0.
DIS27	Combination	5.478E-03	-0.018	10.753	1.7176	-38.7554	-8.765E-04	0.
DIS28	Combination	-5.478E-03	0.018	10.737	1.7208	-38.6094	8.765E-04	0.
DIS29	Combination	5.305E-13	-6.773E-15	27.341	4.3746	-98.428	-8.488E-14	0.
DIS30	Combination	5.305E-13	-6.773E-15	27.341	4.3746	-98.428	-8.488E-14	0.
DIS31	Combination	5.568E-13	-7.062E-15	28.633	4.5812	-103.078	-8.908E-14	0.
DIS32	Combination	3.002E-13	-3.221E-15	13.229	2.1167	-47.6248	-4.803E-14	0.
DIS33	Combination	3.002E-13	-3.221E-15	13.229	2.1167	-47.6248	-4.803E-14	0.
DIS34	Combination	3.265E-13	-3.509E-15	14.521	2.3233	-52.2748	-5.224E-14	0.
DIS35	Combination	3.002E-13	-3.221E-15	13.229	2.1167	-47.6248	-4.803E-14	0.
DIS36	Combination	3.002E-13	-3.221E-15	13.229	2.1167	-47.6248	-4.803E-14	0.
DIS37	Combination	3.265E-13	-3.509E-15	14.521	2.3233	-52.2748	-5.224E-14	0.

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ	GlobalX
		KN	KN	KN	KN-m	KN-m	KN-m	m
DIS38	Combination	4.227E-13	-4.886E-15	20.123	3.2197	-72.4432	-6.763E-14	0.
DIS39	Combination	4.227E-13	-4.886E-15	20.123	3.2197	-72.4432	-6.763E-14	0.
DIS40	Combination	4.732E-13	-5.441E-15	22.607	3.6171	-81.3856	-7.572E-14	0.
DIS41	Combination	3.507E-13	-3.776E-15	15.713	2.5141	-56.5672	-5.612E-14	0.
DIS42	Combination	3.507E-13	-3.776E-15	15.713	2.5141	-56.5672	-5.612E-14	0.
DIS43	Combination	4.013E-13	-4.331E-15	18.197	2.9115	-65.5096	-6.421E-14	0.
DIS44	Combination	3.507E-13	-3.776E-15	15.713	2.5141	-56.5672	-5.612E-14	0.
DIS45	Combination	3.507E-13	-3.776E-15	15.713	2.5141	-56.5672	-5.612E-14	0.
DIS46	Combination	4.013E-13	-4.331E-15	18.197	2.9115	-65.5096	-6.421E-14	0.
DIS47	Combination	-0.021	-2.666E-15	10.745	1.7192	-38.6857	0.0034	0.
DIS48	Combination	0.021	-2.665E-15	10.745	1.7192	-38.6791	-0.0034	0.
DIS49	Combination	5.478E-03	-0.018	10.753	1.7176	-38.7554	-8.765E-04	0.
DIS50	Combination	-5.478E-03	0.018	10.737	1.7208	-38.6094	8.765E-04	0.
DIS51	Combination	2.883E-13	-3.109E-15	13.027	2.0843	-46.8966	-4.613E-14	0.
DIS52	Combination	2.883E-13	-3.109E-15	13.027	2.0843	-46.8966	-4.613E-14	0.
DIS53	Combination	3.389E-13	-3.665E-15	15.511	2.4817	-55.839	-5.422E-14	0.
DIS54	Combination	-0.016	-2.000E-15	8.059	1.2894	-29.0143	0.0026	0.
DIS55	Combination	0.016	-1.999E-15	8.059	1.2894	-29.0093	-0.0026	0.
DIS56	Combination	4.109E-03	-0.014	8.065	1.2882	-29.0666	-6.574E-04	0.
DIS57	Combination	-4.109E-03	0.014	8.053	1.2906	-28.957	6.574E-04	0.

Table: Base Reactions, Part 2 of 3

Table: Base Reactions, Part 2 of 3

OutputCase	GlobalY	GlobalZ	XCentroidFX	YCentroidFX	ZCentroidFX	XCentroidFY	YCentroidFY	ZCentroidFY
	m	m	m	m	m	m	m	m
DEAD	0.	0.	0.	0.	0.	0.	0.	0.
L	0.	0.	0.	0.	0.	0.	0.	0.
Lr	0.	0.	0.	0.	0.	0.	0.	0.
G	0.	0.	0.	0.	0.	0.	0.	0.
Le	0.	0.	0.	0.	0.	0.	0.	0.
Wx	0.	0.	0.	0.	0.	0.	0.	0.
Wy	0.	0.	0.	0.	0.	0.	0.	0.
CFx D	0.	0.	0.	0.16	-0.16	0.	0.	0.
CFy D	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
CFx L	0.	0.	0.	0.	0.	0.	0.	0.
CFy L	0.	0.	0.	0.	0.	0.	0.	0.
CFx Lr	0.	0.	0.	0.16	-0.16	0.	0.	0.
CFy Lr	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS01	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS02	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS03	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS04	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS05	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS06	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS07	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS08	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS09	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS10	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS11	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS12	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS13	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS14	0.	0.	0.	0.16	-0.16	0.	0.	0.

Table: Base Reactions, Part 2 of 3

OutputCase	GlobalY	GlobalZ	XCentroidFX	YCentroidFX	ZCentroidFX	XCentroidFY	YCentroidFY	ZCentroidFY
	m	m	m	m	m	m	m	m
DIS15	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS16	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS17	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS18	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS19	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS20	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS21	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS22	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS23	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS24	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS25	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS26	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS27	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS28	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS29	0.	0.	0.	0.	0.	0.	0.	0.
DIS30	0.	0.	0.	0.	0.	0.	0.	0.
DIS31	0.	0.	0.	0.	0.	0.	0.	0.
DIS32	0.	0.	0.	0.	0.	0.	0.	0.
DIS33	0.	0.	0.	0.	0.	0.	0.	0.
DIS34	0.	0.	0.	0.	0.	0.	0.	0.
DIS35	0.	0.	0.	0.	0.	0.	0.	0.
DIS36	0.	0.	0.	0.	0.	0.	0.	0.
DIS37	0.	0.	0.	0.	0.	0.	0.	0.
DIS38	0.	0.	0.	0.	0.	0.	0.	0.
DIS39	0.	0.	0.	0.	0.	0.	0.	0.
DIS40	0.	0.	0.	0.	0.	0.	0.	0.
DIS41	0.	0.	0.	0.	0.	0.	0.	0.
DIS42	0.	0.	0.	0.	0.	0.	0.	0.
DIS43	0.	0.	0.	0.	0.	0.	0.	0.
DIS44	0.	0.	0.	0.	0.	0.	0.	0.
DIS45	0.	0.	0.	0.	0.	0.	0.	0.
DIS46	0.	0.	0.	0.	0.	0.	0.	0.
DIS47	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS48	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS49	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS50	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS51	0.	0.	0.	0.	0.	0.	0.	0.
DIS52	0.	0.	0.	0.	0.	0.	0.	0.
DIS53	0.	0.	0.	0.	0.	0.	0.	0.
DIS54	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS55	0.	0.	0.	0.16	-0.16	0.	0.	0.
DIS56	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16
DIS57	0.	0.	0.	0.16	-0.16	0.	0.16	-0.16

Table: Base Reactions, Part 3 of 3

Table: Base Reactions, Part 3 of 3

OutputCase	XCentroidFZ	YCentroidFZ	ZCentroidFZ
	m	m	m
DEAD	3.6	0.16	-0.16
L	0.	0.	0.
Lr	3.6	0.16	-0.16

Table: Base Reactions, Part 3 of 3

OutputCase	XCentroidFZ	YCentroidFZ	ZCentroidFZ
	m	m	m
G	0.	0.	0.
Le	0.	0.	0.
Wx	3.6	0.16	-0.16
Wy	3.6	0.16	-0.16
CFx D	0.	0.	0.
CFy D	8.89443	0.16	-0.16
CFx L	0.	0.	0.
CFy L	0.	0.	0.
CFx Lr	0.	0.	0.
CFy Lr	1.23944	0.16	-0.16
DIS01	3.60063	0.16	-0.16
DIS02	3.59937	0.16	-0.16
DIS03	3.60399	0.16	-0.16
DIS04	3.596	0.16	-0.16
DIS05	3.60063	0.16	-0.16
DIS06	3.59937	0.16	-0.16
DIS07	3.60321	0.16	-0.16
DIS08	3.59679	0.16	-0.16
DIS09	3.60063	0.16	-0.16
DIS10	3.59937	0.16	-0.16
DIS11	3.60399	0.16	-0.16
DIS12	3.596	0.16	-0.16
DIS13	3.60063	0.16	-0.16
DIS14	3.59937	0.16	-0.16
DIS15	3.60399	0.16	-0.16
DIS16	3.596	0.16	-0.16
DIS17	3.60063	0.16	-0.16
DIS18	3.59937	0.16	-0.16
DIS19	3.60247	0.16	-0.16
DIS20	3.59753	0.16	-0.16
DIS21	3.60063	0.16	-0.16
DIS22	3.59937	0.16	-0.16
DIS23	3.60399	0.16	-0.16
DIS24	3.596	0.16	-0.16
DIS25	3.60063	0.16	-0.16
DIS26	3.59937	0.16	-0.16
DIS27	3.60399	0.16	-0.16
DIS28	3.596	0.16	-0.16
DIS29	3.6	0.16	-0.16
DIS30	3.6	0.16	-0.16
DIS31	3.6	0.16	-0.16
DIS32	3.6	0.16	-0.16
DIS33	3.6	0.16	-0.16
DIS34	3.6	0.16	-0.16
DIS35	3.6	0.16	-0.16
DIS36	3.6	0.16	-0.16
DIS37	3.6	0.16	-0.16
DIS38	3.6	0.16	-0.16
DIS39	3.6	0.16	-0.16
DIS40	3.6	0.16	-0.16
DIS41	3.6	0.16	-0.16
DIS42	3.6	0.16	-0.16
DIS43	3.6	0.16	-0.16

Table: Base Reactions, Part 3 of 3

OutputCase	XCentroidFZ	YCentroidFZ	ZCentroidFZ
	m	m	m
DIS44	3.6	0.16	-0.16
DIS45	3.6	0.16	-0.16
DIS46	3.6	0.16	-0.16
DIS47	3.60063	0.16	-0.16
DIS48	3.59937	0.16	-0.16
DIS49	3.60399	0.16	-0.16
DIS50	3.596	0.16	-0.16
DIS51	3.6	0.16	-0.16
DIS52	3.6	0.16	-0.16
DIS53	3.6	0.16	-0.16
DIS54	3.60063	0.16	-0.16
DIS55	3.59937	0.16	-0.16
DIS56	3.60399	0.16	-0.16
DIS57	3.596	0.16	-0.16

Table: Combination Definitions, Part 1 of 3

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS01	Linear Add	No	Linear Static	DEAD	1.4	None
DIS01			Linear Static	CFx D	1.4	
DIS02	Linear Add	No	Linear Static	DEAD	1.4	None
DIS02			Linear Static	CFx D	-1.4	
DIS03	Linear Add	No	Linear Static	DEAD	1.4	None
DIS03			Linear Static	CFy D	1.4	
DIS04	Linear Add	No	Linear Static	DEAD	1.4	None
DIS04			Linear Static	CFy D	-1.4	
DIS05	Linear Add	No	Linear Static	DEAD	1.2	None
DIS05			Linear Static	L	1.6	
DIS05			Linear Static	Lr	0.5	
DIS05			Linear Static	CFx D	1.2	
DIS05			Linear Static	CFx L	1.6	
DIS05			Linear Static	CFx Lr	0.5	
DIS06	Linear Add	No	Linear Static	DEAD	1.2	None
DIS06			Linear Static	L	1.6	
DIS06			Linear Static	Lr	0.5	
DIS06			Linear Static	CFx D	-1.2	
DIS06			Linear Static	CFx L	-1.6	
DIS06			Linear Static	CFx Lr	-0.5	
DIS07	Linear Add	No	Linear Static	DEAD	1.2	None
DIS07			Linear Static	L	1.6	
DIS07			Linear Static	Lr	0.5	
DIS07			Linear Static	CFy D	1.2	
DIS07			Linear Static	CFy L	1.6	
DIS07			Linear Static	CFy Lr	0.5	
DIS08	Linear Add	No	Linear Static	DEAD	1.2	None
DIS08			Linear Static	L	1.6	
DIS08			Linear Static	Lr	0.5	
DIS08			Linear Static	CFy D	-1.2	
DIS08			Linear Static	CFy L	-1.6	
DIS08			Linear Static	CFy Lr	-0.5	
DIS09	Linear Add	No	Linear Static	DEAD	1.2	None

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS09			Linear Static	L	1.6	
DIS09			Linear Static	G	0.5	
DIS09			Linear Static	CFx D	1.2	
DIS09			Linear Static	CFx L	1.6	
DIS10	Linear Add	No	Linear Static	DEAD	1.2	None
DIS10			Linear Static	L	1.6	
DIS10			Linear Static	G	0.5	
DIS10			Linear Static	CFx D	-1.2	
DIS10			Linear Static	CFx L	-1.6	
DIS11	Linear Add	No	Linear Static	DEAD	1.2	None
DIS11			Linear Static	L	1.6	
DIS11			Linear Static	G	0.5	
DIS11			Linear Static	CFy D	1.2	
DIS11			Linear Static	CFy L	1.6	
DIS12	Linear Add	No	Linear Static	DEAD	1.2	None
DIS12			Linear Static	L	1.6	
DIS12			Linear Static	G	0.5	
DIS12			Linear Static	CFy D	-1.2	
DIS12			Linear Static	CFy L	-1.6	
DIS13	Linear Add	No	Linear Static	DEAD	1.2	None
DIS13			Linear Static	L	1.6	
DIS13			Linear Static	Le	0.5	
DIS13			Linear Static	CFx D	1.2	
DIS13			Linear Static	CFx L	1.6	
DIS14	Linear Add	No	Linear Static	DEAD	1.2	None
DIS14			Linear Static	L	1.6	
DIS14			Linear Static	Le	0.5	
DIS14			Linear Static	CFx D	-1.2	
DIS14			Linear Static	CFx L	-1.6	
DIS15	Linear Add	No	Linear Static	DEAD	1.2	None
DIS15			Linear Static	L	1.6	
DIS15			Linear Static	Le	0.5	
DIS15			Linear Static	CFy D	1.2	
DIS15			Linear Static	CFy L	1.6	
DIS16	Linear Add	No	Linear Static	DEAD	1.2	None
DIS16			Linear Static	L	1.6	
DIS16			Linear Static	Le	0.5	
DIS16			Linear Static	CFy D	-1.2	
DIS16			Linear Static	CFy L	-1.6	
DIS17	Linear Add	No	Linear Static	DEAD	1.2	None
DIS17			Linear Static	L	1.	
DIS17			Linear Static	Lr	1.6	
DIS17			Linear Static	CFx D	1.2	
DIS17			Linear Static	CFx L	1.	
DIS17			Linear Static	CFx Lr	1.6	
DIS18	Linear Add	No	Linear Static	DEAD	1.2	None
DIS18			Linear Static	L	1.	
DIS18			Linear Static	Lr	1.6	
DIS18			Linear Static	CFx D	-1.2	
DIS18			Linear Static	CFx L	-1.	
DIS18			Linear Static	CFx Lr	-1.6	
DIS19	Linear Add	No	Linear Static	DEAD	1.2	None
DIS19			Linear Static	L	1.	
DIS19			Linear Static	Lr	1.6	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS19			Linear Static	CFy D	1.2	
DIS19			Linear Static	CFy L	1.	
DIS19			Linear Static	CFy Lr	1.6	
DIS20	Linear Add	No	Linear Static	DEAD	1.2	None
DIS20			Linear Static	L	1.	
DIS20			Linear Static	Lr	1.6	
DIS20			Linear Static	CFy D	-1.2	
DIS20			Linear Static	CFy L	-1.	
DIS20			Linear Static	CFy Lr	-1.6	
DIS21	Linear Add	No	Linear Static	DEAD	1.2	None
DIS21			Linear Static	L	1.	
DIS21			Linear Static	G	1.6	
DIS21			Linear Static	CFx D	1.2	
DIS21			Linear Static	CFx L	1.	
DIS22	Linear Add	No	Linear Static	DEAD	1.2	None
DIS22			Linear Static	L	1.	
DIS22			Linear Static	G	1.6	
DIS22			Linear Static	CFx D	-1.2	
DIS22			Linear Static	CFx L	-1.2	
DIS23	Linear Add	No	Linear Static	DEAD	1.2	None
DIS23			Linear Static	L	1.	
DIS23			Linear Static	G	1.6	
DIS23			Linear Static	CFy D	1.2	
DIS23			Linear Static	CFy L	1.	
DIS24	Linear Add	No	Linear Static	DEAD	1.2	None
DIS24			Linear Static	L	1.	
DIS24			Linear Static	G	1.6	
DIS24			Linear Static	CFy D	-1.2	
DIS24			Linear Static	CFy L	-1.	
DIS25	Linear Add	No	Linear Static	DEAD	1.2	None
DIS25			Linear Static	L	1.	
DIS25			Linear Static	Le	1.6	
DIS25			Linear Static	CFx D	1.2	
DIS25			Linear Static	CFx L	1.	
DIS26	Linear Add	No	Linear Static	DEAD	1.2	None
DIS26			Linear Static	L	1.	
DIS26			Linear Static	Le	1.6	
DIS26			Linear Static	CFx D	-1.2	
DIS26			Linear Static	CFx L	-1.	
DIS27	Linear Add	No	Linear Static	DEAD	1.2	None
DIS27			Linear Static	L	1.	
DIS27			Linear Static	Le	1.6	
DIS27			Linear Static	CFy D	1.2	
DIS27			Linear Static	CFy L	1.	
DIS28	Linear Add	No	Linear Static	DEAD	1.2	None
DIS28			Linear Static	L	1.	
DIS28			Linear Static	Le	1.6	
DIS28			Linear Static	CFy D	-1.2	
DIS28			Linear Static	CFy L	-1.	
DIS29	Linear Add	No	Linear Static	DEAD	1.2	None
DIS29			Linear Static	Lr	1.6	
DIS29			Linear Static	Wx	0.5	
DIS30	Linear Add	No	Linear Static	DEAD	1.2	None
DIS30			Linear Static	Lr	1.6	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS30			Linear Static	Wy	0.5	
DIS31	Linear Add	No	Linear Static	DEAD	1.2	None
DIS31			Linear Static	Lr	1.6	
DIS31			Linear Static	Wx	0.38	
DIS31			Linear Static	Wy	0.38	
DIS32	Linear Add	No	Linear Static	DEAD	1.2	None
DIS32			Linear Static	G	1.6	
DIS32			Linear Static	Wx	0.5	
DIS33	Linear Add	No	Linear Static	DEAD	1.2	None
DIS33			Linear Static	G	1.6	
DIS33			Linear Static	Wy	0.5	
DIS34	Linear Add	No	Linear Static	DEAD	1.2	None
DIS34			Linear Static	G	1.6	
DIS34			Linear Static	Wx	0.38	
DIS34			Linear Static	Wy	0.38	
DIS35	Linear Add	No	Linear Static	DEAD	1.2	None
DIS35			Linear Static	Le	1.6	
DIS35			Linear Static	Wx	0.5	
DIS36	Linear Add	No	Linear Static	DEAD	1.2	None
DIS36			Linear Static	Le	1.6	
DIS36			Linear Static	Wy	0.5	
DIS37	Linear Add	No	Linear Static	DEAD	1.2	None
DIS37			Linear Static	Le	1.6	
DIS37			Linear Static	Wx	0.38	
DIS37			Linear Static	Wy	0.38	
DIS38	Linear Add	No	Linear Static	DEAD	1.2	None
DIS38			Linear Static	L	1.	
DIS38			Linear Static	Lr	0.5	
DIS38			Linear Static	Wx	1.	
DIS39	Linear Add	No	Linear Static	DEAD	1.2	None
DIS39			Linear Static	L	1.	
DIS39			Linear Static	Lr	0.5	
DIS39			Linear Static	Wy	1.	
DIS40	Linear Add	No	Linear Static	DEAD	1.2	None
DIS40			Linear Static	L	1.	
DIS40			Linear Static	Lr	0.5	
DIS40			Linear Static	Wy	0.75	
DIS40			Linear Static	Wx	0.75	
DIS41	Linear Add	No	Linear Static	DEAD	1.2	None
DIS41			Linear Static	L	1.	
DIS41			Linear Static	G	0.5	
DIS41			Linear Static	Wx	1.	
DIS42	Linear Add	No	Linear Static	DEAD	1.2	None
DIS42			Linear Static	L	1.	
DIS42			Linear Static	G	0.5	
DIS42			Linear Static	Wy	1.	
DIS43	Linear Add	No	Linear Static	DEAD	1.2	None
DIS43			Linear Static	L	1.	
DIS43			Linear Static	G	0.5	
DIS43			Linear Static	Wx	0.75	
DIS43			Linear Static	Wy	0.75	
DIS44	Linear Add	No	Linear Static	DEAD	1.2	None
DIS44			Linear Static	L	1.	
DIS44			Linear Static	Le	0.5	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS44			Linear Static	Wx	1.	
DIS45	Linear Add	No	Linear Static	DEAD	1.2	None
DIS45			Linear Static	L	1.	
DIS45			Linear Static	Le	0.5	
DIS45			Linear Static	Wy	1.	
DIS46	Linear Add	No	Linear Static	DEAD	1.2	None
DIS46			Linear Static	L	1.	
DIS46			Linear Static	Le	0.5	
DIS46			Linear Static	Wx	0.75	
DIS46			Linear Static	Wy	0.75	
DIS47	Linear Add	No	Linear Static	DEAD	1.2	None
DIS47			Linear Static	L	1.	
DIS47			Linear Static	CFx D	1.2	
DIS47			Linear Static	CFx L	1.	
DIS48	Linear Add	No	Linear Static	DEAD	1.2	None
DIS48			Linear Static	L	1.	
DIS48			Linear Static	CFx D	-1.2	
DIS48			Linear Static	CFx L	-1.	
DIS49	Linear Add	No	Linear Static	DEAD	1.2	None
DIS49			Linear Static	L	1.	
DIS49			Linear Static	CFy D	1.2	
DIS49			Linear Static	CFy L	1.	
DIS50	Linear Add	No	Linear Static	DEAD	1.2	None
DIS50			Linear Static	L	1.	
DIS50			Linear Static	CFy D	-1.2	
DIS50			Linear Static	CFy L	-1.	
DIS51	Linear Add	No	Linear Static	DEAD	0.9	None
DIS51			Linear Static	Wx	1.	
DIS52	Linear Add	No	Linear Static	DEAD	0.9	None
DIS52			Linear Static	Wy	1.	
DIS53	Linear Add	No	Linear Static	DEAD	0.9	None
DIS53			Linear Static	Wx	0.75	
DIS53			Linear Static	Wy	0.75	
DIS54	Linear Add	No	Linear Static	DEAD	0.9	None
DIS54			Linear Static	CFx D	0.9	
DIS55	Linear Add	No	Linear Static	DEAD	0.9	None
DIS55			Linear Static	CFx D	-0.9	
DIS56	Linear Add	No	Linear Static	DEAD	0.9	None
DIS56			Linear Static	CFy D	0.9	
DIS57	Linear Add	No	Linear Static	DEAD	0.9	None
DIS57			Linear Static	CFy D	-0.9	
DIS58	Linear Add	No	Linear Static	DEAD	1.2	None
DIS58			Linear Static	L	1.	
DIS58			Response Spectrum	Ex	1.	
DIS58			Response Spectrum	Ey	0.3	
DIS59	Linear Add	No	Linear Static	DEAD	1.2	None
DIS59			Linear Static	L	1.	
DIS59			Response Spectrum	Ex	1.	
DIS59			Response Spectrum	Ey	-0.3	
DIS60	Linear Add	No	Linear Static	DEAD	1.2	None
DIS60			Linear Static	L	1.	
DIS60			Response Spectrum	Ex	-1.	
DIS60			Response Spectrum	Ey	0.3	
DIS61	Linear Add	No	Linear Static	DEAD	1.2	None

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS61			Linear Static	L	1.	
DIS61			Response Spectrum	Ex	-1.	
DIS61			Response Spectrum	Ey	-0.3	
DIS62	Linear Add	No	Linear Static	DEAD	1.2	None
DIS62			Linear Static	L	1.	
DIS62			Response Spectrum	Ex	0.3	
DIS62			Response Spectrum	Ey	1.	
DIS63	Linear Add	No	Linear Static	DEAD	1.2	None
DIS63			Linear Static	L	1.	
DIS63			Response Spectrum	Ex	-0.3	
DIS63			Response Spectrum	Ey	1.	
DIS64	Linear Add	No	Linear Static	DEAD	1.2	None
DIS64			Linear Static	L	1.	
DIS64			Response Spectrum	Ex	0.3	
DIS64			Response Spectrum	Ey	-1.	
DIS65	Linear Add	No	Linear Static	DEAD	1.2	None
DIS65			Linear Static	L	1.	
DIS65			Response Spectrum	Ex	-0.3	
DIS65			Response Spectrum	Ey	-1.	
DIS66	Linear Add	No	Linear Static	DEAD	0.9	None
DIS66			Response Spectrum	Ex	1.	
DIS66			Response Spectrum	Ey	0.3	
DIS67	Linear Add	No	Linear Static	DEAD	0.9	None
DIS67			Response Spectrum	Ex	1.	
DIS67			Response Spectrum	Ey	-0.3	
DIS68	Linear Add	No	Linear Static	DEAD	0.9	None
DIS68			Response Spectrum	Ex	-1.	
DIS68			Response Spectrum	Ey	0.3	
DIS69	Linear Add	No	Linear Static	DEAD	0.9	None
DIS69			Response Spectrum	Ex	-1.	
DIS69			Response Spectrum	Ey	-0.3	
DIS70	Linear Add	No	Linear Static	DEAD	0.9	None
DIS70			Response Spectrum	Ex	0.3	
DIS70			Response Spectrum	Ey	1.	
DIS71	Linear Add	No	Linear Static	DEAD	0.9	None
DIS71			Response Spectrum	Ex	-0.3	
DIS71			Response Spectrum	Ey	1.	
DIS72	Linear Add	No	Linear Static	DEAD	0.9	None
DIS72			Response Spectrum	Ex	0.3	
DIS72			Response Spectrum	Ey	-1.	
DIS73	Linear Add	No	Linear Static	DEAD	0.9	None
DIS73			Response Spectrum	Ex	-0.3	
DIS73			Response Spectrum	Ey	-1.	
DIS	Envelope	No	Response Combo	DIS01	1.	None
DIS			Response Combo	DIS02	1.	
DIS			Response Combo	DIS03	1.	
DIS			Response Combo	DIS04	1.	
DIS			Response Combo	DIS05	1.	
DIS			Response Combo	DIS06	1.	
DIS			Response Combo	DIS07	1.	
DIS			Response Combo	DIS08	1.	
DIS			Response Combo	DIS09	1.	
DIS			Response Combo	DIS10	1.	
DIS			Response Combo	DIS11	1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS			Response Combo	DIS12	1.	
DIS			Response Combo	DIS13	1.	
DIS			Response Combo	DIS14	1.	
DIS			Response Combo	DIS15	1.	
DIS			Response Combo	DIS16	1.	
DIS			Response Combo	DIS17	1.	
DIS			Response Combo	DIS18	1.	
DIS			Response Combo	DIS19	1.	
DIS			Response Combo	DIS20	1.	
DIS			Response Combo	DIS21	1.	
DIS			Response Combo	DIS22	1.	
DIS			Response Combo	DIS23	1.	
DIS			Response Combo	DIS24	1.	
DIS			Response Combo	DIS25	1.	
DIS			Response Combo	DIS26	1.	
DIS			Response Combo	DIS27	1.	
DIS			Response Combo	DIS28	1.	
DIS			Response Combo	DIS29	1.	
DIS			Response Combo	DIS30	1.	
DIS			Response Combo	DIS31	1.	
DIS			Response Combo	DIS32	1.	
DIS			Response Combo	DIS33	1.	
DIS			Response Combo	DIS34	1.	
DIS			Response Combo	DIS35	1.	
DIS			Response Combo	DIS36	1.	
DIS			Response Combo	DIS37	1.	
DIS			Response Combo	DIS38	1.	
DIS			Response Combo	DIS39	1.	
DIS			Response Combo	DIS40	1.	
DIS			Response Combo	DIS41	1.	
DIS			Response Combo	DIS42	1.	
DIS			Response Combo	DIS43	1.	
DIS			Response Combo	DIS44	1.	
DIS			Response Combo	DIS45	1.	
DIS			Response Combo	DIS46	1.	
DIS			Response Combo	DIS47	1.	
DIS			Response Combo	DIS48	1.	
DIS			Response Combo	DIS49	1.	
DIS			Response Combo	DIS50	1.	
DIS			Response Combo	DIS51	1.	
DIS			Response Combo	DIS52	1.	
DIS			Response Combo	DIS53	1.	
DIS			Response Combo	DIS54	1.	
DIS			Response Combo	DIS55	1.	
DIS			Response Combo	DIS56	1.	
DIS			Response Combo	DIS57	1.	
DIS			Response Combo	DIS58	1.	
DIS			Response Combo	DIS59	1.	
DIS			Response Combo	DIS60	1.	
DIS			Response Combo	DIS61	1.	
DIS			Response Combo	DIS62	1.	
DIS			Response Combo	DIS63	1.	
DIS			Response Combo	DIS64	1.	
DIS			Response Combo	DIS65	1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS			Response Combo	DIS66	1.	
DIS			Response Combo	DIS67	1.	
DIS			Response Combo	DIS68	1.	
DIS			Response Combo	DIS69	1.	
DIS			Response Combo	DIS70	1.	
DIS			Response Combo	DIS71	1.	
DIS			Response Combo	DIS72	1.	
DIS			Response Combo	DIS73	1.	
DER01	Linear Add	No	Linear Static	DEAD	1.2	None
DER01			Linear Static	L	1.	
DER01			Response Spectrum	FSx	1.	
DER01			Response Spectrum	FSy	0.3	
DER02	Linear Add	No	Linear Static	DEAD	1.2	None
DER02			Linear Static	L	1.	
DER02			Response Spectrum	FSx	1.	
DER02			Response Spectrum	FSy	-0.3	
DER03	Linear Add	No	Linear Static	DEAD	1.2	None
DER03			Linear Static	L	1.	
DER03			Response Spectrum	FSx	-1.	
DER03			Response Spectrum	FSy	0.3	
DER04	Linear Add	No	Linear Static	DEAD	1.2	None
DER04			Linear Static	L	1.	
DER04			Response Spectrum	FSx	-1.	
DER04			Response Spectrum	FSy	-0.3	
DER05	Linear Add	No	Linear Static	DEAD	1.2	None
DER05			Linear Static	L	1.	
DER05			Response Spectrum	FSx	0.3	
DER05			Response Spectrum	FSy	1.	
DER06	Linear Add	No	Linear Static	DEAD	1.2	None
DER06			Linear Static	L	1.	
DER06			Response Spectrum	FSx	-0.3	
DER06			Response Spectrum	FSy	1.	
DER07	Linear Add	No	Linear Static	DEAD	1.2	None
DER07			Linear Static	L	1.	
DER07			Response Spectrum	FSx	0.3	
DER07			Response Spectrum	FSy	-1.	
DER08	Linear Add	No	Linear Static	DEAD	1.2	None
DER08			Linear Static	L	1.	
DER08			Response Spectrum	FSx	-0.3	
DER08			Response Spectrum	FSy	-1.	
DER09	Linear Add	No	Linear Static	DEAD	0.9	None
DER09			Response Spectrum	FSx	1.	
DER09			Response Spectrum	FSy	0.3	
DER10	Linear Add	No	Linear Static	DEAD	0.9	None
DER10			Response Spectrum	FSx	1.	
DER10			Response Spectrum	FSy	-0.3	
DER11	Linear Add	No	Linear Static	DEAD	0.9	None
DER11			Response Spectrum	FSx	-1.	
DER11			Response Spectrum	FSy	0.3	
DER12	Linear Add	No	Linear Static	DEAD	0.9	None
DER12			Response Spectrum	FSx	-1.	
DER12			Response Spectrum	FSy	-0.3	
DER13	Linear Add	No	Linear Static	DEAD	0.9	None
DER13			Response Spectrum	FSx	0.3	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DER13			Response Spectrum	FSy	1.	
DER14	Linear Add	No	Linear Static	DEAD	0.9	None
DER14			Response Spectrum	FSx	-0.3	
DER14			Response Spectrum	FSy	1.	
DER15	Linear Add	No	Linear Static	DEAD	0.9	None
DER15			Response Spectrum	FSx	0.3	
DER15			Response Spectrum	FSy	-1.	
DER16	Linear Add	No	Linear Static	DEAD	0.9	None
DER16			Response Spectrum	FSx	-0.3	
DER16			Response Spectrum	FSy	-1.	
UD01	Linear Add	No	Linear Static	DEAD	1.2	None
UD01			Linear Static	L	1.	
UD01			Response Spectrum	UDx	1.	
UD01			Response Spectrum	UDy	0.3	
UD02	Linear Add	No	Linear Static	DEAD	1.2	None
UD02			Linear Static	L	1.	
UD02			Response Spectrum	UDx	1.	
UD02			Response Spectrum	UDy	-0.3	
UD03	Linear Add	No	Linear Static	DEAD	1.2	None
UD03			Linear Static	L	1.	
UD03			Response Spectrum	UDx	-1.	
UD03			Response Spectrum	UDy	0.3	
UD04	Linear Add	No	Linear Static	DEAD	1.2	None
UD04			Linear Static	L	1.	
UD04			Response Spectrum	UDx	-1.	
UD04			Response Spectrum	UDy	-0.3	
UD05	Linear Add	No	Linear Static	DEAD	1.2	None
UD05			Linear Static	L	1.	
UD05			Response Spectrum	UDx	0.3	
UD05			Response Spectrum	UDy	1.	
UD06	Linear Add	No	Linear Static	DEAD	1.2	None
UD06			Linear Static	L	1.	
UD06			Response Spectrum	UDx	-0.3	
UD06			Response Spectrum	UDy	1.	
UD07	Linear Add	No	Linear Static	DEAD	1.2	None
UD07			Linear Static	L	1.	
UD07			Response Spectrum	UDx	0.3	
UD07			Response Spectrum	UDy	-1.	
UD08	Linear Add	No	Linear Static	DEAD	1.2	None
UD08			Linear Static	L	1.	
UD08			Response Spectrum	UDx	-0.3	
UD08			Response Spectrum	UDy	-1.	
UD09	Linear Add	No	Linear Static	DEAD	0.9	None
UD09			Response Spectrum	UDx	1.	
UD09			Response Spectrum	UDy	0.3	
UD10	Linear Add	No	Linear Static	DEAD	0.9	None
UD10			Response Spectrum	UDx	1.	
UD10			Response Spectrum	UDy	-0.3	
UD11	Linear Add	No	Linear Static	DEAD	0.9	None
UD11			Response Spectrum	UDx	-1.	
UD11			Response Spectrum	UDy	0.3	
UD12	Linear Add	No	Linear Static	DEAD	0.9	None
UD12			Response Spectrum	UDx	-1.	
UD12			Response Spectrum	UDy	-0.3	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
UD13	Linear Add	No	Linear Static	DEAD	0.9	None
UD13			Response Spectrum	UDx	0.3	
UD13			Response Spectrum	UDy	1.	
UD14	Linear Add	No	Linear Static	DEAD	0.9	None
UD14			Response Spectrum	UDx	-0.3	
UD14			Response Spectrum	UDy	1.	
UD15	Linear Add	No	Linear Static	DEAD	0.9	None
UD15			Response Spectrum	UDx	0.3	
UD15			Response Spectrum	UDy	-1.	
UD16	Linear Add	No	Linear Static	DEAD	0.9	None
UD16			Response Spectrum	UDx	-0.3	
UD16			Response Spectrum	UDy	-1.	

Table: Combination Definitions, Part 2 of 3

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS01	DEAD	None	None	None
DIS01	CFx D			
DIS02	DEAD	None	None	None
DIS02	CFx D			
DIS03	DEAD	None	None	None
DIS03	CFy D			
DIS04	DEAD	None	None	None
DIS04	CFy D			
DIS05	DEAD	None	None	None
DIS05	L			
DIS05	Lr			
DIS05	CFx D			
DIS05	CFx L			
DIS05	CFx Lr			
DIS06	DEAD	None	None	None
DIS06	L			
DIS06	Lr			
DIS06	CFx D			
DIS06	CFx L			
DIS06	CFx Lr			
DIS07	DEAD	None	None	None
DIS07	L			
DIS07	Lr			
DIS07	CFy D			
DIS07	CFy L			
DIS07	CFy Lr			
DIS08	DEAD	None	None	None
DIS08	L			
DIS08	Lr			
DIS08	CFy D			
DIS08	CFy L			
DIS08	CFy Lr			
DIS09	DEAD	None	None	None
DIS09	L			
DIS09	G			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS09	CFx D			
DIS09	CFx L			
DIS10	DEAD	None	None	None
DIS10	L			
DIS10	G			
DIS10	CFx D			
DIS10	CFx L			
DIS11	DEAD	None	None	None
DIS11	L			
DIS11	G			
DIS11	CFy D			
DIS11	CFy L			
DIS12	DEAD	None	None	None
DIS12	L			
DIS12	G			
DIS12	CFy D			
DIS12	CFy L			
DIS13	DEAD	None	None	None
DIS13	L			
DIS13	Le			
DIS13	CFx D			
DIS13	CFx L			
DIS14	DEAD	None	None	None
DIS14	L			
DIS14	Le			
DIS14	CFx D			
DIS14	CFx L			
DIS15	DEAD	None	None	None
DIS15	L			
DIS15	Le			
DIS15	CFy D			
DIS15	CFy L			
DIS16	DEAD	None	None	None
DIS16	L			
DIS16	Le			
DIS16	CFy D			
DIS16	CFy L			
DIS17	DEAD	None	None	None
DIS17	L			
DIS17	Lr			
DIS17	CFx D			
DIS17	CFx L			
DIS17	CFx Lr			
DIS18	DEAD	None	None	None
DIS18	L			
DIS18	Lr			
DIS18	CFx D			
DIS18	CFx L			
DIS18	CFx Lr			
DIS19	DEAD	None	None	None
DIS19	L			
DIS19	Lr			
DIS19	CFy D			
DIS19	CFy L			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS19	CFy Lr			
DIS20	DEAD	None	None	None
DIS20	L			
DIS20	Lr			
DIS20	CFy D			
DIS20	CFy L			
DIS20	CFy Lr			
DIS21	DEAD	None	None	None
DIS21	L			
DIS21	G			
DIS21	CFx D			
DIS21	CFx L			
DIS22	DEAD	None	None	None
DIS22	L			
DIS22	G			
DIS22	CFx D			
DIS22	CFx L			
DIS23	DEAD	None	None	None
DIS23	L			
DIS23	G			
DIS23	CFy D			
DIS23	CFy L			
DIS24	DEAD	None	None	None
DIS24	L			
DIS24	G			
DIS24	CFy D			
DIS24	CFy L			
DIS25	DEAD	None	None	None
DIS25	L			
DIS25	Le			
DIS25	CFx D			
DIS25	CFx L			
DIS26	DEAD	None	None	None
DIS26	L			
DIS26	Le			
DIS26	CFx D			
DIS26	CFx L			
DIS27	DEAD	None	None	None
DIS27	L			
DIS27	Le			
DIS27	CFy D			
DIS27	CFy L			
DIS28	DEAD	None	None	None
DIS28	L			
DIS28	Le			
DIS28	CFy D			
DIS28	CFy L			
DIS29	DEAD	None	None	None
DIS29	Lr			
DIS29	Wx			
DIS30	DEAD	None	None	None
DIS30	Lr			
DIS30	Wy			
DIS31	DEAD	None	None	None

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS31	Lr			
DIS31	Wx			
DIS31	Wy			
DIS32	DEAD	None	None	None
DIS32	G			
DIS32	Wx			
DIS33	DEAD	None	None	None
DIS33	G			
DIS33	Wy			
DIS34	DEAD	None	None	None
DIS34	G			
DIS34	Wx			
DIS34	Wy			
DIS35	DEAD	None	None	None
DIS35	Le			
DIS35	Wx			
DIS36	DEAD	None	None	None
DIS36	Le			
DIS36	Wy			
DIS37	DEAD	None	None	None
DIS37	Le			
DIS37	Wx			
DIS37	Wy			
DIS38	DEAD	None	None	None
DIS38	L			
DIS38	Lr			
DIS38	Wx			
DIS39	DEAD	None	None	None
DIS39	L			
DIS39	Lr			
DIS39	Wy			
DIS40	DEAD	None	None	None
DIS40	L			
DIS40	Lr			
DIS40	Wy			
DIS40	Wx			
DIS41	DEAD	None	None	None
DIS41	L			
DIS41	G			
DIS41	Wx			
DIS42	DEAD	None	None	None
DIS42	L			
DIS42	G			
DIS42	Wy			
DIS43	DEAD	None	None	None
DIS43	L			
DIS43	G			
DIS43	Wx			
DIS43	Wy			
DIS44	DEAD	None	None	None
DIS44	L			
DIS44	Le			
DIS44	Wx			
DIS45	DEAD	None	None	None

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS45	L			
DIS45	Le			
DIS45	Wy			
DIS46	DEAD	None	None	None
DIS46	L			
DIS46	Le			
DIS46	Wx			
DIS46	Wy			
DIS47	DEAD	None	None	None
DIS47	L			
DIS47	CFx D			
DIS47	CFx L			
DIS48	DEAD	None	None	None
DIS48	L			
DIS48	CFx D			
DIS48	CFx L			
DIS49	DEAD	None	None	None
DIS49	L			
DIS49	CFy D			
DIS49	CFy L			
DIS50	DEAD	None	None	None
DIS50	L			
DIS50	CFy D			
DIS50	CFy L			
DIS51	DEAD	None	None	None
DIS51	Wx			
DIS52	DEAD	None	None	None
DIS52	Wy			
DIS53	DEAD	None	None	None
DIS53	Wx			
DIS53	Wy			
DIS54	DEAD	None	None	None
DIS54	CFx D			
DIS55	DEAD	None	None	None
DIS55	CFx D			
DIS56	DEAD	None	None	None
DIS56	CFy D			
DIS57	DEAD	None	None	None
DIS57	CFy D			
DIS58	DEAD	None	None	None
DIS58	L			
DIS58	Ex			
DIS58	Ey			
DIS59	DEAD	None	None	None
DIS59	L			
DIS59	Ex			
DIS59	Ey			
DIS60	DEAD	None	None	None
DIS60	L			
DIS60	Ex			
DIS60	Ey			
DIS61	DEAD	None	None	None
DIS61	L			
DIS61	Ex			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS61	Ey			
DIS62	DEAD	None	None	None
DIS62	L			
DIS62	Ex			
DIS62	Ey			
DIS63	DEAD	None	None	None
DIS63	L			
DIS63	Ex			
DIS63	Ey			
DIS64	DEAD	None	None	None
DIS64	L			
DIS64	Ex			
DIS64	Ey			
DIS65	DEAD	None	None	None
DIS65	L			
DIS65	Ex			
DIS65	Ey			
DIS66	DEAD	None	None	None
DIS66	Ex			
DIS66	Ey			
DIS67	DEAD	None	None	None
DIS67	Ex			
DIS67	Ey			
DIS68	DEAD	None	None	None
DIS68	Ex			
DIS68	Ey			
DIS69	DEAD	None	None	None
DIS69	Ex			
DIS69	Ey			
DIS70	DEAD	None	None	None
DIS70	Ex			
DIS70	Ey			
DIS71	DEAD	None	None	None
DIS71	Ex			
DIS71	Ey			
DIS72	DEAD	None	None	None
DIS72	Ex			
DIS72	Ey			
DIS73	DEAD	None	None	None
DIS73	Ex			
DIS73	Ey			
DIS	DIS01	None	None	None
DIS	DIS02			
DIS	DIS03			
DIS	DIS04			
DIS	DIS05			
DIS	DIS06			
DIS	DIS07			
DIS	DIS08			
DIS	DIS09			
DIS	DIS10			
DIS	DIS11			
DIS	DIS12			
DIS	DIS13			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS	DIS14			
DIS	DIS15			
DIS	DIS16			
DIS	DIS17			
DIS	DIS18			
DIS	DIS19			
DIS	DIS20			
DIS	DIS21			
DIS	DIS22			
DIS	DIS23			
DIS	DIS24			
DIS	DIS25			
DIS	DIS26			
DIS	DIS27			
DIS	DIS28			
DIS	DIS29			
DIS	DIS30			
DIS	DIS31			
DIS	DIS32			
DIS	DIS33			
DIS	DIS34			
DIS	DIS35			
DIS	DIS36			
DIS	DIS37			
DIS	DIS38			
DIS	DIS39			
DIS	DIS40			
DIS	DIS41			
DIS	DIS42			
DIS	DIS43			
DIS	DIS44			
DIS	DIS45			
DIS	DIS46			
DIS	DIS47			
DIS	DIS48			
DIS	DIS49			
DIS	DIS50			
DIS	DIS51			
DIS	DIS52			
DIS	DIS53			
DIS	DIS54			
DIS	DIS55			
DIS	DIS56			
DIS	DIS57			
DIS	DIS58			
DIS	DIS59			
DIS	DIS60			
DIS	DIS61			
DIS	DIS62			
DIS	DIS63			
DIS	DIS64			
DIS	DIS65			
DIS	DIS66			
DIS	DIS67			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS	DIS68			
DIS	DIS69			
DIS	DIS70			
DIS	DIS71			
DIS	DIS72			
DIS	DIS73			
DER01	DEAD	None	None	None
DER01	L			
DER01	FSx			
DER01	FSy			
DER02	DEAD	None	None	None
DER02	L			
DER02	FSx			
DER02	FSy			
DER03	DEAD	None	None	None
DER03	L			
DER03	FSx			
DER03	FSy			
DER04	DEAD	None	None	None
DER04	L			
DER04	FSx			
DER04	FSy			
DER05	DEAD	None	None	None
DER05	L			
DER05	FSx			
DER05	FSy			
DER06	DEAD	None	None	None
DER06	L			
DER06	FSx			
DER06	FSy			
DER07	DEAD	None	None	None
DER07	L			
DER07	FSx			
DER07	FSy			
DER08	DEAD	None	None	None
DER08	L			
DER08	FSx			
DER08	FSy			
DER09	DEAD	None	None	None
DER09	FSx			
DER09	FSy			
DER10	DEAD	None	None	None
DER10	FSx			
DER10	FSy			
DER11	DEAD	None	None	None
DER11	FSx			
DER11	FSy			
DER12	DEAD	None	None	None
DER12	FSx			
DER12	FSy			
DER13	DEAD	None	None	None
DER13	FSx			
DER13	FSy			
DER14	DEAD	None	None	None

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DER14	FSx			
DER14	FSy			
DER15	DEAD	None	None	None
DER15	FSx			
DER15	FSy			
DER16	DEAD	None	None	None
DER16	FSx			
DER16	FSy			
UD01	DEAD	None	None	None
UD01	L			
UD01	UDx			
UD01	UDy			
UD02	DEAD	None	None	None
UD02	L			
UD02	UDx			
UD02	UDy			
UD03	DEAD	None	None	None
UD03	L			
UD03	UDx			
UD03	UDy			
UD04	DEAD	None	None	None
UD04	L			
UD04	UDx			
UD04	UDy			
UD05	DEAD	None	None	None
UD05	L			
UD05	UDx			
UD05	UDy			
UD06	DEAD	None	None	None
UD06	L			
UD06	UDx			
UD06	UDy			
UD07	DEAD	None	None	None
UD07	L			
UD07	UDx			
UD07	UDy			
UD08	DEAD	None	None	None
UD08	L			
UD08	UDx			
UD08	UDy			
UD09	DEAD	None	None	None
UD09	UDx			
UD09	UDy			
UD10	DEAD	None	None	None
UD10	UDx			
UD10	UDy			
UD11	DEAD	None	None	None
UD11	UDx			
UD11	UDy			
UD12	DEAD	None	None	None
UD12	UDx			
UD12	UDy			
UD13	DEAD	None	None	None
UD13	UDx			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
UD13	UDy			
UD14	DEAD	None	None	None
UD14	UDx			
UD14	UDy			
UD15	DEAD	None	None	None
UD15	UDx			
UD15	UDy			
UD16	DEAD	None	None	None
UD16	UDx			
UD16	UDy			

Table: Combination Definitions, Part 3 of 3

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS01	DEAD	963cf965-0122-4e1c-8499-fff4e27456fd	
DIS01	CFx D		
DIS02	DEAD	963cf965-0122-4e1c-8499-fff4e27456fd	
DIS02	CFx D		
DIS03	DEAD	0dea5de0-d32f-4286-8ddd-1e2e36bd021f	
DIS03	CFy D		
DIS04	DEAD	0dea5de0-d32f-4286-8ddd-1e2e36bd021f	
DIS04	CFy D		
DIS05	DEAD	1af0ffb2-0d0e-4ba1-addb-f73befc11cfa	
DIS05	L		
DIS05	Lr		
DIS05	CFx D		
DIS05	CFx L		
DIS05	CFx Lr		
DIS06	DEAD	1af0ffb2-0d0e-4ba1-addb-f73befc11cfa	
DIS06	L		
DIS06	Lr		
DIS06	CFx D		
DIS06	CFx L		
DIS06	CFx Lr		
DIS07	DEAD	5714e29f-acea-4711-a177-288360956308	
DIS07	L		
DIS07	Lr		
DIS07	CFy D		
DIS07	CFy L		
DIS07	CFy Lr		
DIS08	DEAD	5714e29f-acea-4711-a177-288360956308	
DIS08	L		
DIS08	Lr		
DIS08	CFy D		
DIS08	CFy L		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS08	CFy Lr		
DIS09	DEAD	0812ae6d-5a62-4d0d-831a-ee3dd67ecdfa	
DIS09	L		
DIS09	G		
DIS09	CFx D		
DIS09	CFx L		
DIS10	DEAD	0812ae6d-5a62-4d0d-831a-ee3dd67ecdfa	
DIS10	L		
DIS10	G		
DIS10	CFx D		
DIS10	CFx L		
DIS11	DEAD	7640f5c5-f803-456b-b1fd-981a500e94ea	
DIS11	L		
DIS11	G		
DIS11	CFy D		
DIS11	CFy L		
DIS12	DEAD	7640f5c5-f803-456b-b1fd-981a500e94ea	
DIS12	L		
DIS12	G		
DIS12	CFy D		
DIS12	CFy L		
DIS13	DEAD	b6c14305-aae9-46eb-accc-6a9c017ab16c	
DIS13	L		
DIS13	Le		
DIS13	CFx D		
DIS13	CFx L		
DIS14	DEAD	b6c14305-aae9-46eb-accc-6a9c017ab16c	
DIS14	L		
DIS14	Le		
DIS14	CFx D		
DIS14	CFx L		
DIS15	DEAD	fd0e0894-683e-4747-a746-56cfae13ca5c	
DIS15	L		
DIS15	Le		
DIS15	CFy D		
DIS15	CFy L		
DIS16	DEAD	fd0e0894-683e-4747-a746-56cfae13ca5c	
DIS16	L		
DIS16	Le		
DIS16	CFy D		
DIS16	CFy L		
DIS17	DEAD	767b381d-1b1a-4846-ad96-27abcc2f945c	
DIS17	L		
DIS17	Lr		
DIS17	CFx D		
DIS17	CFx L		
DIS17	CFx Lr		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS18	DEAD	767b381d-1b1a-4846-ad96-27abcc2f945c	
DIS18	L		
DIS18	Lr		
DIS18	CFx D		
DIS18	CFx L		
DIS18	CFx Lr		
DIS19	DEAD	f21f3a18-c2fa-4e44-b744-936280ed31b4	
DIS19	L		
DIS19	Lr		
DIS19	CFy D		
DIS19	CFy L		
DIS19	CFy Lr		
DIS20	DEAD	f21f3a18-c2fa-4e44-b744-936280ed31b4	
DIS20	L		
DIS20	Lr		
DIS20	CFy D		
DIS20	CFy L		
DIS20	CFy Lr		
DIS21	DEAD	3a32ecec-711e-4ab0-b895-05321a4c41e0	
DIS21	L		
DIS21	G		
DIS21	CFx D		
DIS21	CFx L		
DIS22	DEAD	3a32ecec-711e-4ab0-b895-05321a4c41e0	
DIS22	L		
DIS22	G		
DIS22	CFx D		
DIS22	CFx L		
DIS23	DEAD	e65ca91f-3689-4a59-93e5-d098bf688ea0	
DIS23	L		
DIS23	G		
DIS23	CFy D		
DIS23	CFy L		
DIS24	DEAD	e65ca91f-3689-4a59-93e5-d098bf688ea0	
DIS24	L		
DIS24	G		
DIS24	CFy D		
DIS24	CFy L		
DIS25	DEAD	4137a3e0-b94c-42c1-867e-b1b4c80d78c6	
DIS25	L		
DIS25	Le		
DIS25	CFx D		
DIS25	CFx L		
DIS26	DEAD	4137a3e0-b94c-42c1-867e-b1b4c80d78c6	
DIS26	L		
DIS26	Le		
DIS26	CFx D		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS26	CFx L		
DIS27	DEAD	83471a18-ed9d-439b-ba34-1fb2b6860ae6	
DIS27	L		
DIS27	Le		
DIS27	CFy D		
DIS27	CFy L		
DIS28	DEAD	83471a18-ed9d-439b-ba34-1fb2b6860ae6	
DIS28	L		
DIS28	Le		
DIS28	CFy D		
DIS28	CFy L		
DIS29	DEAD	13873165-150b-4fad-b25d-993e1ad3a26e	
DIS29	Lr		
DIS29	Wx		
DIS30	DEAD	13873165-150b-4fad-b25d-993e1ad3a26e	
DIS30	Lr		
DIS30	Wy		
DIS31	DEAD	0f40fd68-2f4d-465f-a838-c949c06a661c	
DIS31	Lr		
DIS31	Wx		
DIS31	Wy		
DIS32	DEAD	0f40fd68-2f4d-465f-a838-c949c06a661c	
DIS32	G		
DIS32	Wx		
DIS33	DEAD	f1e4c026-a869-42b6-9559-e2f6e64692c5	
DIS33	G		
DIS33	Wy		
DIS34	DEAD	f1e4c026-a869-42b6-9559-e2f6e64692c5	
DIS34	G		
DIS34	Wx		
DIS34	Wy		
DIS35	DEAD	f8bf445b-dce7-4ffe-93e3-95658ea61030	
DIS35	Le		
DIS35	Wx		
DIS36	DEAD	f8bf445b-dce7-4ffe-93e3-95658ea61030	
DIS36	Le		
DIS36	Wy		
DIS37	DEAD	f6fbde1a-6701-4e37-90dd-829d26c0075a	
DIS37	Le		
DIS37	Wx		
DIS37	Wy		
DIS38	DEAD	f6fbde1a-6701-4e37-90dd-829d26c0075a	
DIS38	L		
DIS38	Lr		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS38	Wx		
DIS39	DEAD	0b1523da-9745-4db2-8767-5feb53a7bcfd	
DIS39	L		
DIS39	Lr		
DIS39	Wy		
DIS40	DEAD	0b1523da-9745-4db2-8767-5feb53a7bcfd	
DIS40	L		
DIS40	Lr		
DIS40	Wy		
DIS40	Wx		
DIS41	DEAD	dd5cf0f9-354f-4d4d-a60c-b574b64014f1	
DIS41	L		
DIS41	G		
DIS41	Wx		
DIS42	DEAD	dd5cf0f9-354f-4d4d-a60c-b574b64014f1	
DIS42	L		
DIS42	G		
DIS42	Wy		
DIS43	DEAD	ffd567b4-62c5-4d81-a011-360a263fe126	
DIS43	L		
DIS43	G		
DIS43	Wx		
DIS43	Wy		
DIS44	DEAD	ffd567b4-62c5-4d81-a011-360a263fe126	
DIS44	L		
DIS44	Le		
DIS44	Wx		
DIS45	DEAD	ff70e70f-55c7-42b1-9d00-711b6d33f174	
DIS45	L		
DIS45	Le		
DIS45	Wy		
DIS46	DEAD	ff70e70f-55c7-42b1-9d00-711b6d33f174	
DIS46	L		
DIS46	Le		
DIS46	Wx		
DIS46	Wy		
DIS47	DEAD	c20b240e-83ee-4907-9eec-2577c33962a2	
DIS47	L		
DIS47	CFx D		
DIS47	CFx L		
DIS48	DEAD	c20b240e-83ee-4907-9eec-2577c33962a2	
DIS48	L		
DIS48	CFx D		
DIS48	CFx L		
DIS49	DEAD	c0332422-f575-4f08-826e-68a4f6087821	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS49	L		
DIS49	CFy D		
DIS49	CFy L		
DIS50	DEAD	c0332422-f575-4f08-826e-68a4f6087821	
DIS50	L		
DIS50	CFy D		
DIS50	CFy L		
DIS51	DEAD	7a87ced8-9251-4abe-9f7f-fe510bf2792d	
DIS51	Wx		
DIS52	DEAD	7a87ced8-9251-4abe-9f7f-fe510bf2792d	
DIS52	Wy		
DIS53	DEAD	fcd21ee5-fe6c-43d6-94f7-f3f58866f6b9	
DIS53	Wx		
DIS53	Wy		
DIS54	DEAD	fcd21ee5-fe6c-43d6-94f7-f3f58866f6b9	
DIS54	CFx D		
DIS55	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS55	CFx D		
DIS56	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS56	CFy D		
DIS57	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS57	CFy D		
DIS58	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS58	L		
DIS58	Ex		
DIS58	Ey		
DIS59	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS59	L		
DIS59	Ex		
DIS59	Ey		
DIS60	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS60	L		
DIS60	Ex		
DIS60	Ey		
DIS61	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS61	L		
DIS61	Ex		
DIS61	Ey		
DIS62	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS62	L		
DIS62	Ex		
DIS62	Ey		
DIS63	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS63	L		
DIS63	Ex		
DIS63	Ey		
DIS64	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS64	L		
DIS64	Ex		
DIS64	Ey		
DIS65	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS65	L		
DIS65	Ex		
DIS65	Ey		
DIS66	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS66	Ex		
DIS66	Ey		
DIS67	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS67	Ex		
DIS67	Ey		
DIS68	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS68	Ex		
DIS68	Ey		
DIS69	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS69	Ex		
DIS69	Ey		
DIS70	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS70	Ex		
DIS70	Ey		
DIS71	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS71	Ex		
DIS71	Ey		
DIS72	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS72	Ex		
DIS72	Ey		
DIS73	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS73	Ex		
DIS73	Ey		
DIS	DIS01	b4caf2f7-73eb-4441-8891-012abc353623	
DIS	DIS02		
DIS	DIS03		
DIS	DIS04		
DIS	DIS05		
DIS	DIS06		
DIS	DIS07		
DIS	DIS08		
DIS	DIS09		
DIS	DIS10		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS	DIS11		
DIS	DIS12		
DIS	DIS13		
DIS	DIS14		
DIS	DIS15		
DIS	DIS16		
DIS	DIS17		
DIS	DIS18		
DIS	DIS19		
DIS	DIS20		
DIS	DIS21		
DIS	DIS22		
DIS	DIS23		
DIS	DIS24		
DIS	DIS25		
DIS	DIS26		
DIS	DIS27		
DIS	DIS28		
DIS	DIS29		
DIS	DIS30		
DIS	DIS31		
DIS	DIS32		
DIS	DIS33		
DIS	DIS34		
DIS	DIS35		
DIS	DIS36		
DIS	DIS37		
DIS	DIS38		
DIS	DIS39		
DIS	DIS40		
DIS	DIS41		
DIS	DIS42		
DIS	DIS43		
DIS	DIS44		
DIS	DIS45		
DIS	DIS46		
DIS	DIS47		
DIS	DIS48		
DIS	DIS49		
DIS	DIS50		
DIS	DIS51		
DIS	DIS52		
DIS	DIS53		
DIS	DIS54		
DIS	DIS55		
DIS	DIS56		
DIS	DIS57		
DIS	DIS58		
DIS	DIS59		
DIS	DIS60		
DIS	DIS61		
DIS	DIS62		
DIS	DIS63		
DIS	DIS64		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS	DIS65		
DIS	DIS66		
DIS	DIS67		
DIS	DIS68		
DIS	DIS69		
DIS	DIS70		
DIS	DIS71		
DIS	DIS72		
DIS	DIS73		
DER01	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER01	L		
DER01	FSx		
DER01	FSy		
DER02	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER02	L		
DER02	FSx		
DER02	FSy		
DER03	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER03	L		
DER03	FSx		
DER03	FSy		
DER04	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER04	L		
DER04	FSx		
DER04	FSy		
DER05	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER05	L		
DER05	FSx		
DER05	FSy		
DER06	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER06	L		
DER06	FSx		
DER06	FSy		
DER07	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER07	L		
DER07	FSx		
DER07	FSy		
DER08	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER08	L		
DER08	FSx		
DER08	FSy		
DER09	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER09	FSx		
DER09	FSy		
DER10	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER10	FSx		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DER10	FSy		
DER11	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER11	FSx		
DER11	FSy		
DER12	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER12	FSx		
DER12	FSy		
DER13	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER13	FSx		
DER13	FSy		
DER14	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER14	FSx		
DER14	FSy		
DER15	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER15	FSx		
DER15	FSy		
DER16	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER16	FSx		
DER16	FSy		
UD01	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD01	L		
UD01	UDx		
UD01	UDy		
UD02	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD02	L		
UD02	UDx		
UD02	UDy		
UD03	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD03	L		
UD03	UDx		
UD03	UDy		
UD04	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD04	L		
UD04	UDx		
UD04	UDy		
UD05	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD05	L		
UD05	UDx		
UD05	UDy		
UD06	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD06	L		
UD06	UDx		
UD06	UDy		
UD07	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
UD07	L		
UD07	UDx		
UD07	UDy		
UD08	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD08	L		
UD08	UDx		
UD08	UDy		
UD09	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD09	UDx		
UD09	UDy		
UD10	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD10	UDx		
UD10	UDy		
UD11	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD11	UDx		
UD11	UDy		
UD12	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD12	UDx		
UD12	UDy		
UD13	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD13	UDx		
UD13	UDy		
UD14	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD14	UDx		
UD14	UDy		
UD15	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD15	UDx		
UD15	UDy		
UD16	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD16	UDx		
UD16	UDy		

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
2F2	1	11	No	0.32	0.	0.16	0.
300	2	11	No	0.55218	0.225	0.16	0.
301	2	12	No	0.55218	0.675	0.16	0.
302	3	12	No	0.55218	1.125	0.16	0.
303	3	13	No	0.55218	1.575	0.16	0.
304	4	13	No	0.55218	2.025	0.16	0.
305	4	14	No	0.55218	2.475	0.16	0.
306	5	14	No	0.55218	2.925	0.16	0.
307	5	15	No	0.55218	3.375	0.16	0.

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
308	6	15	No	0.55218	3.825	0.16	0.
309	6	16	No	0.55218	4.275	0.16	0.
30A	7	16	No	0.55218	4.725	0.16	0.
30B	7	17	No	0.55218	5.175	0.16	0.
30C	8	17	No	0.55218	5.625	0.16	0.
311	11	12	No	0.9	0.45	0.16	0.16
313	12	13	No	0.9	1.35	0.16	0.16
315	13	14	No	0.9	2.25	0.16	0.16
316	14	15	No	0.9	3.15	0.16	0.16
318	15	16	No	0.9	4.05	0.16	0.16
31B	16	17	No	0.9	4.95	0.16	0.16
31D	17	18	No	0.9	5.85	0.16	0.16
31F	18	19	No	0.9	6.75	0.16	0.16
320	8	18	No	0.55218	6.075	0.16	0.
321	9	18	No	0.55218	6.525	0.16	0.
322	9	19	No	0.55218	6.975	0.16	0.
323	10	19	No	0.32	7.2	0.16	0.
336	1	2	No	0.45	0.225	0.16	-0.16
337	2	3	No	0.9	0.9	0.16	-0.16
338	3	4	No	0.9	1.8	0.16	-0.16
339	4	5	No	0.9	2.7	0.16	-0.16
33A	5	6	No	0.9	3.6	0.16	-0.16
33B	6	7	No	0.9	4.5	0.16	-0.16
33C	7	8	No	0.9	5.4	0.16	-0.16
33D	8	9	No	0.9	6.3	0.16	-0.16
33E	9	10	No	0.45	6.975	0.16	-0.16

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
2F2	c293a39c-12a5-4a99-baf a-7dadc23d875c
300	831eec0e-a305-4ce2-a8 08-492eb30212d4
301	758d5e98-9f38-4808-8b2 9-b972b85f3c59
302	1a8301e8-9bba-482d-95 69-cf4136ae0ac3
303	ec38c61b-6788-47f5-a50 5-016dbcae80ab
304	02a68382-dcf1-4439-be8 8-21d5e49d6e5c
305	8a86a1b6-4a38-462a-a5 61-13d9411d8a66
306	3b115228-9707-4142-9b 01-e03b148b69f8
307	f8d81166-5330-4bcb-80e 7-77bdd4d32641
308	b1dee028-53e9-48bd-bf2 d-4fc8edb8de7c
309	acf7d456-e539-4a7e-acd 1-cf0d9f14d983
30A	a4467152-8745-448d-8c 38-e966e957e423

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
30B	837c41b4-c5ba-4db1-82e2-be100841c829
30C	f4e988f7-0070-4874-8e28-c72e0ff7c0d8
311	79e9bd70-ea59-4172-a172-6ff2d760fd92
313	652b231f-014b-48bc-8f27-c4c15af3fd51
315	7a4944ef-2e58-482b-bc04-51682f5c87a2
316	90ee8441-ba2b-4080-84cb-53483529ca15
318	3f29589f-74a5-4e7a-bcb1-b7a8d93eb156
31B	eb2d7bb2-2b6f-4a61-b438-8564484c5ec0
31D	519c22df-03f0-433b-803b-366834e6748c
31F	9f286ee8-3242-44af-ad17-6e753f101300
320	468d8444-b550-4ed9-999e-dd51ab82d116
321	1a5e5db1-4f4b-4f03-bcbe-79edf18fa839
322	36e07111-d890-43f7-a8d4-7d79cf0896b6
323	6a720a0c-af70-468f-902c-eeefe90ae59e
336	ab9ffea3-731c-46f6-b539-5190a10af3b6
337	b24fb229-e31d-4ab3-906a-a9621e441b21
338	47d8dc58-d42f-442f-a29e-ffd19cbc905c
339	41c77cac-c5c6-47b8-9b54-e3754246a608
33A	e228acea-4524-40f5-8925-376c6825f352
33B	95f6705a-1f17-41d3-818b-66c3f8047d77
33C	8128afe8-227c-4354-a733-a46367626a35
33D	5256e96c-8e38-494b-8b68-89b58b4e5724
33E	4d4ab451-e79e-48c3-9687-4a5544fe3245

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
2F2	0.	DEAD	LinStatic	-4.428	-0.105	2.486E-03	-0.0018	1.179E-05
2F2	0.16	DEAD	LinStatic	-4.426	-0.105	2.486E-03	-0.0018	-3.860E-04
2F2	0.32	DEAD	LinStatic	-4.424	-0.105	2.486E-03	-0.0018	-7.837E-04
2F2	0.	L	LinStatic	0.	0.	0.	0.	0.
2F2	0.16	L	LinStatic	0.	0.	0.	0.	0.
2F2	0.32	L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
2F2	0.	Lr	LinStatic	-4.363	-0.105	2.497E-03	-0.0018	1.169E-05
2F2	0.16	Lr	LinStatic	-4.363	-0.105	2.497E-03	-0.0018	-3.878E-04
2F2	0.32	Lr	LinStatic	-4.363	-0.105	2.497E-03	-0.0018	-7.872E-04
2F2	0.	G	LinStatic	0.	0.	0.	0.	0.
2F2	0.16	G	LinStatic	0.	0.	0.	0.	0.
2F2	0.32	G	LinStatic	0.	0.	0.	0.	0.
2F2	0.	Le	LinStatic	0.	0.	0.	0.	0.
2F2	0.16	Le	LinStatic	0.	0.	0.	0.	0.
2F2	0.32	Le	LinStatic	0.	0.	0.	0.	0.
2F2	0.	Wx	LinStatic	-2.458	-0.059	1.406E-03	-0.001	6.587E-06
2F2	0.16	Wx	LinStatic	-2.458	-0.059	1.406E-03	-0.001	-2.184E-04
2F2	0.32	Wx	LinStatic	-2.458	-0.059	1.406E-03	-0.001	-4.434E-04
2F2	0.	Wy	LinStatic	-2.458	-0.059	1.406E-03	-0.001	6.587E-06
2F2	0.16	Wy	LinStatic	-2.458	-0.059	1.406E-03	-0.001	-2.184E-04
2F2	0.32	Wy	LinStatic	-2.458	-0.059	1.406E-03	-0.001	-4.434E-04
2F2	0.	CFx D	LinStatic	7.710E-04	2.686E-05	2.121E-07	-3.592E-08	9.660E-09
2F2	0.16	CFx D	LinStatic	7.710E-04	2.251E-05	2.121E-07	-3.592E-08	-2.427E-08
2F2	0.32	CFx D	LinStatic	7.710E-04	1.816E-05	2.121E-07	-3.592E-08	-5.820E-08
2F2	0.	CFy D	LinStatic	5.497E-03	2.038E-04	7.813E-03	-6.866E-05	0.
2F2	0.16	CFy D	LinStatic	5.497E-03	2.038E-04	7.808E-03	-6.866E-05	-0.0012
2F2	0.32	CFy D	LinStatic	5.497E-03	2.038E-04	7.804E-03	-6.866E-05	-0.0025
2F2	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
2F2	0.16	CFx L	LinStatic	0.	0.	0.	0.	0.
2F2	0.32	CFx L	LinStatic	0.	0.	0.	0.	0.
2F2	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
2F2	0.16	CFy L	LinStatic	0.	0.	0.	0.	0.
2F2	0.32	CFy L	LinStatic	0.	0.	0.	0.	0.
2F2	0.	CFx Lr	LinStatic	7.778E-04	2.179E-05	1.996E-07	-4.413E-08	8.667E-09
2F2	0.16	CFx Lr	LinStatic	7.778E-04	2.179E-05	1.996E-07	-4.413E-08	-2.327E-08
2F2	0.32	CFx Lr	LinStatic	7.778E-04	2.179E-05	1.996E-07	-4.413E-08	-5.520E-08
2F2	0.	CFy Lr	LinStatic	7.448E-03	1.266E-04	0.	-9.155E-05	0.
2F2	0.16	CFy Lr	LinStatic	7.448E-03	1.266E-04	0.	-9.155E-05	0.
2F2	0.32	CFy Lr	LinStatic	7.448E-03	1.266E-04	0.	-9.155E-05	0.
2F2	0.	DIS01	Combination	-6.198	-0.147	3.481E-03	-0.0025	1.653E-05
2F2	0.16	DIS01	Combination	-6.195	-0.147	3.481E-03	-0.0025	-5.404E-04
2F2	0.32	DIS01	Combination	-6.192	-0.147	3.481E-03	-0.0025	-0.0011
2F2	0.	DIS02	Combination	-6.201	-0.147	3.480E-03	-0.0025	1.650E-05
2F2	0.16	DIS02	Combination	-6.198	-0.147	3.480E-03	-0.0025	-5.403E-04
2F2	0.32	DIS02	Combination	-6.195	-0.147	3.480E-03	-0.0025	-0.0011
2F2	0.	DIS03	Combination	-6.192	-0.147	0.014	-0.0026	1.651E-05
2F2	0.16	DIS03	Combination	-6.189	-0.147	0.014	-0.0026	-0.0023
2F2	0.32	DIS03	Combination	-6.186	-0.147	0.014	-0.0026	-0.0046
2F2	0.	DIS04	Combination	-6.207	-0.147	-7.457E-03	-0.0024	1.651E-05
2F2	0.16	DIS04	Combination	-6.204	-0.147	-7.451E-03	-0.0024	0.0012
2F2	0.32	DIS04	Combination	-6.201	-0.147	-7.445E-03	-0.0024	0.0024
2F2	0.	DIS05	Combination	-7.494	-0.178	4.232E-03	-0.003	2.002E-05
2F2	0.16	DIS05	Combination	-7.492	-0.178	4.232E-03	-0.003	-6.571E-04
2F2	0.32	DIS05	Combination	-7.489	-0.179	4.232E-03	-0.003	-0.0013
2F2	0.	DIS06	Combination	-7.497	-0.179	4.231E-03	-0.003	1.998E-05
2F2	0.16	DIS06	Combination	-7.494	-0.179	4.231E-03	-0.003	-6.570E-04
2F2	0.32	DIS06	Combination	-7.492	-0.179	4.231E-03	-0.003	-0.0013
2F2	0.	DIS07	Combination	-7.485	-0.178	0.014	-0.0031	2.000E-05
2F2	0.16	DIS07	Combination	-7.483	-0.178	0.014	-0.0031	-0.0022
2F2	0.32	DIS07	Combination	-7.48	-0.178	0.014	-0.0031	-0.0043

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
2F2	0.	DIS08	Combination	-7.506	-0.179	-5.143E-03	-0.0029	2.000E-05
2F2	0.16	DIS08	Combination	-7.503	-0.179	-5.138E-03	-0.0029	8.425E-04
2F2	0.32	DIS08	Combination	-7.501	-0.179	-5.133E-03	-0.0029	0.0017
2F2	0.	DIS09	Combination	-5.313	-0.126	2.984E-03	-0.0021	1.416E-05
2F2	0.16	DIS09	Combination	-5.31	-0.126	2.984E-03	-0.0021	-4.632E-04
2F2	0.32	DIS09	Combination	-5.308	-0.126	2.984E-03	-0.0021	-9.406E-04
2F2	0.	DIS10	Combination	-5.315	-0.126	2.983E-03	-0.0021	1.414E-05
2F2	0.16	DIS10	Combination	-5.312	-0.126	2.983E-03	-0.0021	-4.631E-04
2F2	0.32	DIS10	Combination	-5.31	-0.126	2.983E-03	-0.0021	-9.404E-04
2F2	0.	DIS11	Combination	-5.307	-0.126	0.012	-0.0022	1.415E-05
2F2	0.16	DIS11	Combination	-5.305	-0.126	0.012	-0.0022	-0.002
2F2	0.32	DIS11	Combination	-5.302	-0.126	0.012	-0.0022	-0.0039
2F2	0.	DIS12	Combination	-5.32	-0.126	-6.392E-03	-0.002	1.415E-05
2F2	0.16	DIS12	Combination	-5.318	-0.126	-6.387E-03	-0.002	0.001
2F2	0.32	DIS12	Combination	-5.315	-0.126	-6.381E-03	-0.002	0.0021
2F2	0.	DIS13	Combination	-5.313	-0.126	2.984E-03	-0.0021	1.416E-05
2F2	0.16	DIS13	Combination	-5.31	-0.126	2.984E-03	-0.0021	-4.632E-04
2F2	0.32	DIS13	Combination	-5.308	-0.126	2.984E-03	-0.0021	-9.406E-04
2F2	0.	DIS14	Combination	-5.315	-0.126	2.983E-03	-0.0021	1.414E-05
2F2	0.16	DIS14	Combination	-5.312	-0.126	2.983E-03	-0.0021	-4.631E-04
2F2	0.32	DIS14	Combination	-5.31	-0.126	2.983E-03	-0.0021	-9.404E-04
2F2	0.	DIS15	Combination	-5.307	-0.126	0.012	-0.0022	1.415E-05
2F2	0.16	DIS15	Combination	-5.305	-0.126	0.012	-0.0022	-0.002
2F2	0.32	DIS15	Combination	-5.302	-0.126	0.012	-0.0022	-0.0039
2F2	0.	DIS16	Combination	-5.32	-0.126	-6.392E-03	-0.002	1.415E-05
2F2	0.16	DIS16	Combination	-5.318	-0.126	-6.387E-03	-0.002	0.001
2F2	0.32	DIS16	Combination	-5.315	-0.126	-6.381E-03	-0.002	0.0021
2F2	0.	DIS17	Combination	-12.293	-0.294	6.978E-03	-0.005	3.289E-05
2F2	0.16	DIS17	Combination	-12.29	-0.294	6.978E-03	-0.005	-0.0011
2F2	0.32	DIS17	Combination	-12.288	-0.294	6.978E-03	-0.005	-0.0022
2F2	0.	DIS18	Combination	-12.297	-0.295	6.977E-03	-0.005	3.284E-05
2F2	0.16	DIS18	Combination	-12.295	-0.295	6.977E-03	-0.005	-0.0011
2F2	0.32	DIS18	Combination	-12.292	-0.295	6.977E-03	-0.005	-0.0022
2F2	0.	DIS19	Combination	-12.277	-0.294	0.016	-0.0052	3.286E-05
2F2	0.16	DIS19	Combination	-12.274	-0.294	0.016	-0.0052	-0.0026
2F2	0.32	DIS19	Combination	-12.272	-0.294	0.016	-0.0052	-0.0052
2F2	0.	DIS20	Combination	-12.314	-0.295	-2.397E-03	-0.0048	3.286E-05
2F2	0.16	DIS20	Combination	-12.311	-0.295	-2.392E-03	-0.0048	4.160E-04
2F2	0.32	DIS20	Combination	-12.309	-0.295	-2.387E-03	-0.0048	7.983E-04
2F2	0.	DIS21	Combination	-5.313	-0.126	2.984E-03	-0.0021	1.416E-05
2F2	0.16	DIS21	Combination	-5.31	-0.126	2.984E-03	-0.0021	-4.632E-04
2F2	0.32	DIS21	Combination	-5.308	-0.126	2.984E-03	-0.0021	-9.406E-04
2F2	0.	DIS22	Combination	-5.315	-0.126	2.983E-03	-0.0021	1.414E-05
2F2	0.16	DIS22	Combination	-5.312	-0.126	2.983E-03	-0.0021	-4.631E-04
2F2	0.32	DIS22	Combination	-5.31	-0.126	2.983E-03	-0.0021	-9.404E-04
2F2	0.	DIS23	Combination	-5.307	-0.126	0.012	-0.0022	1.415E-05
2F2	0.16	DIS23	Combination	-5.305	-0.126	0.012	-0.0022	-0.002
2F2	0.32	DIS23	Combination	-5.302	-0.126	0.012	-0.0022	-0.0039
2F2	0.	DIS24	Combination	-5.32	-0.126	-6.392E-03	-0.002	1.415E-05
2F2	0.16	DIS24	Combination	-5.318	-0.126	-6.387E-03	-0.002	0.001
2F2	0.32	DIS24	Combination	-5.315	-0.126	-6.381E-03	-0.002	0.0021
2F2	0.	DIS25	Combination	-5.313	-0.126	2.984E-03	-0.0021	1.416E-05
2F2	0.16	DIS25	Combination	-5.31	-0.126	2.984E-03	-0.0021	-4.632E-04
2F2	0.32	DIS25	Combination	-5.308	-0.126	2.984E-03	-0.0021	-9.406E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
2F2	0.	DIS26	Combination	-5.315	-0.126	2.983E-03	-0.0021	1.414E-05
2F2	0.16	DIS26	Combination	-5.312	-0.126	2.983E-03	-0.0021	-4.631E-04
2F2	0.32	DIS26	Combination	-5.31	-0.126	2.983E-03	-0.0021	-9.404E-04
2F2	0.	DIS27	Combination	-5.307	-0.126	0.012	-0.0022	1.415E-05
2F2	0.16	DIS27	Combination	-5.305	-0.126	0.012	-0.0022	-0.002
2F2	0.32	DIS27	Combination	-5.302	-0.126	0.012	-0.0022	-0.0039
2F2	0.	DIS28	Combination	-5.32	-0.126	-6.392E-03	-0.002	1.415E-05
2F2	0.16	DIS28	Combination	-5.318	-0.126	-6.387E-03	-0.002	0.001
2F2	0.32	DIS28	Combination	-5.315	-0.126	-6.381E-03	-0.002	0.0021
2F2	0.	DIS29	Combination	-13.524	-0.324	7.681E-03	-0.0055	3.616E-05
2F2	0.16	DIS29	Combination	-13.521	-0.324	7.681E-03	-0.0055	-0.0012
2F2	0.32	DIS29	Combination	-13.519	-0.324	7.681E-03	-0.0055	-0.0024
2F2	0.	DIS30	Combination	-13.524	-0.324	7.681E-03	-0.0055	3.616E-05
2F2	0.16	DIS30	Combination	-13.521	-0.324	7.681E-03	-0.0055	-0.0012
2F2	0.32	DIS30	Combination	-13.519	-0.324	7.681E-03	-0.0055	-0.0024
2F2	0.	DIS31	Combination	-14.163	-0.34	8.046E-03	-0.0058	3.787E-05
2F2	0.16	DIS31	Combination	-14.161	-0.34	8.046E-03	-0.0058	-0.0012
2F2	0.32	DIS31	Combination	-14.158	-0.34	8.046E-03	-0.0058	-0.0025
2F2	0.	DIS32	Combination	-6.543	-0.156	3.686E-03	-0.0026	1.745E-05
2F2	0.16	DIS32	Combination	-6.54	-0.156	3.686E-03	-0.0026	-5.724E-04
2F2	0.32	DIS32	Combination	-6.538	-0.156	3.686E-03	-0.0026	-0.0012
2F2	0.	DIS33	Combination	-6.543	-0.156	3.686E-03	-0.0026	1.745E-05
2F2	0.16	DIS33	Combination	-6.54	-0.156	3.686E-03	-0.0026	-5.724E-04
2F2	0.32	DIS33	Combination	-6.538	-0.156	3.686E-03	-0.0026	-0.0012
2F2	0.	DIS34	Combination	-7.182	-0.171	4.052E-03	-0.0029	1.916E-05
2F2	0.16	DIS34	Combination	-7.179	-0.171	4.052E-03	-0.0029	-6.292E-04
2F2	0.32	DIS34	Combination	-7.177	-0.171	4.052E-03	-0.0029	-0.0013
2F2	0.	DIS35	Combination	-6.543	-0.156	3.686E-03	-0.0026	1.745E-05
2F2	0.16	DIS35	Combination	-6.54	-0.156	3.686E-03	-0.0026	-5.724E-04
2F2	0.32	DIS35	Combination	-6.538	-0.156	3.686E-03	-0.0026	-0.0012
2F2	0.	DIS36	Combination	-6.543	-0.156	3.686E-03	-0.0026	1.745E-05
2F2	0.16	DIS36	Combination	-6.54	-0.156	3.686E-03	-0.0026	-5.724E-04
2F2	0.32	DIS36	Combination	-6.538	-0.156	3.686E-03	-0.0026	-0.0012
2F2	0.	DIS37	Combination	-7.182	-0.171	4.052E-03	-0.0029	1.916E-05
2F2	0.16	DIS37	Combination	-7.179	-0.171	4.052E-03	-0.0029	-6.292E-04
2F2	0.32	DIS37	Combination	-7.177	-0.171	4.052E-03	-0.0029	-0.0013
2F2	0.	DIS38	Combination	-9.953	-0.238	5.638E-03	-0.004	2.659E-05
2F2	0.16	DIS38	Combination	-9.951	-0.238	5.638E-03	-0.004	-8.754E-04
2F2	0.32	DIS38	Combination	-9.948	-0.238	5.638E-03	-0.004	-0.0018
2F2	0.	DIS39	Combination	-9.953	-0.238	5.638E-03	-0.004	2.659E-05
2F2	0.16	DIS39	Combination	-9.951	-0.238	5.638E-03	-0.004	-8.754E-04
2F2	0.32	DIS39	Combination	-9.948	-0.238	5.638E-03	-0.004	-0.0018
2F2	0.	DIS40	Combination	-11.182	-0.268	6.341E-03	-0.0045	2.988E-05
2F2	0.16	DIS40	Combination	-11.18	-0.268	6.341E-03	-0.0045	-9.847E-04
2F2	0.32	DIS40	Combination	-11.177	-0.268	6.341E-03	-0.0045	-0.002
2F2	0.	DIS41	Combination	-7.772	-0.185	4.389E-03	-0.0031	2.074E-05
2F2	0.16	DIS41	Combination	-7.769	-0.185	4.389E-03	-0.0031	-6.816E-04
2F2	0.32	DIS41	Combination	-7.766	-0.185	4.389E-03	-0.0031	-0.0014
2F2	0.	DIS42	Combination	-7.772	-0.185	4.389E-03	-0.0031	2.074E-05
2F2	0.16	DIS42	Combination	-7.769	-0.185	4.389E-03	-0.0031	-6.816E-04
2F2	0.32	DIS42	Combination	-7.766	-0.185	4.389E-03	-0.0031	-0.0014
2F2	0.	DIS43	Combination	-9.	-0.215	5.093E-03	-0.0036	2.403E-05
2F2	0.16	DIS43	Combination	-8.998	-0.215	5.093E-03	-0.0036	-7.908E-04
2F2	0.32	DIS43	Combination	-8.995	-0.215	5.093E-03	-0.0036	-0.0016

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
2F2	0.	DIS44	Combination	-7.772	-0.185	4.389E-03	-0.0031	2.074E-05
2F2	0.16	DIS44	Combination	-7.769	-0.185	4.389E-03	-0.0031	-6.816E-04
2F2	0.32	DIS44	Combination	-7.766	-0.185	4.389E-03	-0.0031	-0.0014
2F2	0.	DIS45	Combination	-7.772	-0.185	4.389E-03	-0.0031	2.074E-05
2F2	0.16	DIS45	Combination	-7.769	-0.185	4.389E-03	-0.0031	-6.816E-04
2F2	0.32	DIS45	Combination	-7.766	-0.185	4.389E-03	-0.0031	-0.0014
2F2	0.	DIS46	Combination	-9.	-0.215	5.093E-03	-0.0036	2.403E-05
2F2	0.16	DIS46	Combination	-8.998	-0.215	5.093E-03	-0.0036	-7.908E-04
2F2	0.32	DIS46	Combination	-8.995	-0.215	5.093E-03	-0.0036	-0.0016
2F2	0.	DIS47	Combination	-5.313	-0.126	2.984E-03	-0.0021	1.416E-05
2F2	0.16	DIS47	Combination	-5.31	-0.126	2.984E-03	-0.0021	-4.632E-04
2F2	0.32	DIS47	Combination	-5.308	-0.126	2.984E-03	-0.0021	-9.406E-04
2F2	0.	DIS48	Combination	-5.315	-0.126	2.983E-03	-0.0021	1.414E-05
2F2	0.16	DIS48	Combination	-5.312	-0.126	2.983E-03	-0.0021	-4.631E-04
2F2	0.32	DIS48	Combination	-5.31	-0.126	2.983E-03	-0.0021	-9.404E-04
2F2	0.	DIS49	Combination	-5.307	-0.126	0.012	-0.0022	1.415E-05
2F2	0.16	DIS49	Combination	-5.305	-0.126	0.012	-0.0022	-0.002
2F2	0.32	DIS49	Combination	-5.302	-0.126	0.012	-0.0022	-0.0039
2F2	0.	DIS50	Combination	-5.32	-0.126	-6.392E-03	-0.002	1.415E-05
2F2	0.16	DIS50	Combination	-5.318	-0.126	-6.387E-03	-0.002	0.001
2F2	0.32	DIS50	Combination	-5.315	-0.126	-6.381E-03	-0.002	0.0021
2F2	0.	DIS51	Combination	-6.443	-0.154	3.644E-03	-0.0026	1.720E-05
2F2	0.16	DIS51	Combination	-6.441	-0.154	3.644E-03	-0.0026	-5.658E-04
2F2	0.32	DIS51	Combination	-6.439	-0.154	3.644E-03	-0.0026	-0.0011
2F2	0.	DIS52	Combination	-6.443	-0.154	3.644E-03	-0.0026	1.720E-05
2F2	0.16	DIS52	Combination	-6.441	-0.154	3.644E-03	-0.0026	-5.658E-04
2F2	0.32	DIS52	Combination	-6.439	-0.154	3.644E-03	-0.0026	-0.0011
2F2	0.	DIS53	Combination	-7.672	-0.183	4.347E-03	-0.0031	2.050E-05
2F2	0.16	DIS53	Combination	-7.67	-0.183	4.347E-03	-0.0031	-6.750E-04
2F2	0.32	DIS53	Combination	-7.668	-0.183	4.347E-03	-0.0031	-0.0014
2F2	0.	DIS54	Combination	-3.985	-0.094	2.238E-03	-0.0016	1.062E-05
2F2	0.16	DIS54	Combination	-3.983	-0.094	2.238E-03	-0.0016	-3.474E-04
2F2	0.32	DIS54	Combination	-3.981	-0.094	2.238E-03	-0.0016	-7.054E-04
2F2	0.	DIS55	Combination	-3.986	-0.094	2.237E-03	-0.0016	1.061E-05
2F2	0.16	DIS55	Combination	-3.984	-0.094	2.237E-03	-0.0016	-3.474E-04
2F2	0.32	DIS55	Combination	-3.982	-0.094	2.237E-03	-0.0016	-7.053E-04
2F2	0.	DIS56	Combination	-3.98	-0.094	9.269E-03	-0.0017	1.061E-05
2F2	0.16	DIS56	Combination	-3.979	-0.094	9.265E-03	-0.0017	-0.0015
2F2	0.32	DIS56	Combination	-3.977	-0.094	9.261E-03	-0.0017	-0.003
2F2	0.	DIS57	Combination	-3.99	-0.095	-4.794E-03	-0.0015	1.061E-05
2F2	0.16	DIS57	Combination	-3.988	-0.095	-4.790E-03	-0.0015	7.773E-04
2F2	0.32	DIS57	Combination	-3.986	-0.095	-4.786E-03	-0.0015	0.0015
300	0.	DEAD	LinStatic	6.837	-0.033	-6.204E-03	-7.854E-04	-8.529E-04
300	0.27609	DEAD	LinStatic	6.839	-0.03	-6.204E-03	-7.854E-04	8.599E-04
300	0.55218	DEAD	LinStatic	6.841	-0.027	-6.204E-03	-7.854E-04	0.0026
300	0.	L	LinStatic	0.	0.	0.	0.	0.
300	0.27609	L	LinStatic	0.	0.	0.	0.	0.
300	0.55218	L	LinStatic	0.	0.	0.	0.	0.
300	0.	Lr	LinStatic	6.73	-0.031	-6.241E-03	-7.973E-04	-8.494E-04
300	0.27609	Lr	LinStatic	6.73	-0.031	-6.241E-03	-7.973E-04	8.737E-04
300	0.55218	Lr	LinStatic	6.73	-0.031	-6.241E-03	-7.973E-04	0.0026
300	0.	G	LinStatic	0.	0.	0.	0.	0.
300	0.27609	G	LinStatic	0.	0.	0.	0.	0.
300	0.55218	G	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
300	0.	Le	LinStatic	0.	0.	0.	0.	0.
300	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
300	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
300	0.	Wx	LinStatic	3.791	-0.017	-3.515E-03	-4.491E-04	-4.784E-04
300	0.27609	Wx	LinStatic	3.791	-0.017	-3.515E-03	-4.491E-04	4.921E-04
300	0.55218	Wx	LinStatic	3.791	-0.017	-3.515E-03	-4.491E-04	0.0015
300	0.	Wy	LinStatic	3.791	-0.017	-3.515E-03	-4.491E-04	-4.784E-04
300	0.27609	Wy	LinStatic	3.791	-0.017	-3.515E-03	-4.491E-04	4.921E-04
300	0.55218	Wy	LinStatic	3.791	-0.017	-3.515E-03	-4.491E-04	0.0015
300	0.	CFx D	LinStatic	-1.342E-03	2.841E-06	-3.703E-09	-5.187E-08	1.635E-07
300	0.27609	CFx D	LinStatic	-1.336E-03	-1.512E-06	-3.703E-09	-5.187E-08	1.645E-07
300	0.55218	CFx D	LinStatic	-1.329E-03	-5.865E-06	-3.703E-09	-5.187E-08	1.655E-07
300	0.	CFy D	LinStatic	-0.023	-7.160E-05	9.766E-04	-1.221E-04	2.441E-04
300	0.27609	CFy D	LinStatic	-0.023	-7.160E-05	9.691E-04	-1.221E-04	-2.444E-05
300	0.55218	CFy D	LinStatic	-0.023	-7.160E-05	9.615E-04	-1.221E-04	-2.909E-04
300	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
300	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
300	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
300	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
300	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
300	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
300	0.	CFx Lr	LinStatic	-1.345E-03	-1.560E-06	-3.097E-08	-6.160E-08	1.587E-07
300	0.27609	CFx Lr	LinStatic	-1.345E-03	-1.560E-06	-3.097E-08	-6.160E-08	1.673E-07
300	0.55218	CFx Lr	LinStatic	-1.345E-03	-1.560E-06	-3.097E-08	-6.160E-08	1.758E-07
300	0.	CFy Lr	LinStatic	-0.024	-9.754E-05	9.766E-04	0.	4.883E-04
300	0.27609	CFy Lr	LinStatic	-0.024	-9.754E-05	9.766E-04	0.	2.187E-04
300	0.55218	CFy Lr	LinStatic	-0.024	-9.754E-05	9.766E-04	0.	-5.095E-05
300	0.	DIS01	Combination	9.57	-0.047	-8.685E-03	-0.0011	-0.0012
300	0.27609	DIS01	Combination	9.573	-0.042	-8.685E-03	-0.0011	0.0012
300	0.55218	DIS01	Combination	9.576	-0.038	-8.685E-03	-0.0011	0.0036
300	0.	DIS02	Combination	9.573	-0.047	-8.685E-03	-0.0011	-0.0012
300	0.27609	DIS02	Combination	9.576	-0.042	-8.685E-03	-0.0011	0.0012
300	0.55218	DIS02	Combination	9.579	-0.038	-8.685E-03	-0.0011	0.0036
300	0.	DIS03	Combination	9.539	-0.047	-7.318E-03	-0.0013	-8.523E-04
300	0.27609	DIS03	Combination	9.542	-0.043	-7.329E-03	-0.0013	0.0012
300	0.55218	DIS03	Combination	9.545	-0.038	-7.339E-03	-0.0013	0.0032
300	0.	DIS04	Combination	9.604	-0.047	-0.01	-9.286E-04	-0.0015
300	0.27609	DIS04	Combination	9.607	-0.042	-0.01	-9.286E-04	0.0012
300	0.55218	DIS04	Combination	9.61	-0.038	-0.01	-9.286E-04	0.004
300	0.	DIS05	Combination	11.567	-0.055	-0.011	-0.0013	-0.0014
300	0.27609	DIS05	Combination	11.569	-0.052	-0.011	-0.0013	0.0015
300	0.55218	DIS05	Combination	11.572	-0.048	-0.011	-0.0013	0.0044
300	0.	DIS06	Combination	11.571	-0.055	-0.011	-0.0013	-0.0014
300	0.27609	DIS06	Combination	11.574	-0.052	-0.011	-0.0013	0.0015
300	0.55218	DIS06	Combination	11.576	-0.048	-0.011	-0.0013	0.0044
300	0.	DIS07	Combination	11.529	-0.055	-8.905E-03	-0.0015	-9.111E-04
300	0.27609	DIS07	Combination	11.531	-0.052	-8.914E-03	-0.0015	0.0015
300	0.55218	DIS07	Combination	11.534	-0.048	-8.923E-03	-0.0015	0.004
300	0.	DIS08	Combination	11.609	-0.055	-0.012	-0.0012	-0.002
300	0.27609	DIS08	Combination	11.612	-0.052	-0.012	-0.0012	0.0014
300	0.55218	DIS08	Combination	11.614	-0.048	-0.012	-0.0012	0.0048
300	0.	DIS09	Combination	8.203	-0.04	-7.445E-03	-9.425E-04	-0.001
300	0.27609	DIS09	Combination	8.205	-0.036	-7.445E-03	-9.425E-04	0.001
300	0.55218	DIS09	Combination	8.208	-0.033	-7.445E-03	-9.425E-04	0.0031

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
300	0.	DIS10	Combination	8.206	-0.04	-7.445E-03	-9.424E-04	-0.001
300	0.27609	DIS10	Combination	8.208	-0.036	-7.445E-03	-9.424E-04	0.001
300	0.55218	DIS10	Combination	8.211	-0.033	-7.445E-03	-9.424E-04	0.0031
300	0.	DIS11	Combination	8.176	-0.04	-6.273E-03	-0.0011	-7.305E-04
300	0.27609	DIS11	Combination	8.179	-0.036	-6.282E-03	-0.0011	0.001
300	0.55218	DIS11	Combination	8.181	-0.033	-6.291E-03	-0.0011	0.0027
300	0.	DIS12	Combination	8.232	-0.04	-8.617E-03	-7.960E-04	-0.0013
300	0.27609	DIS12	Combination	8.235	-0.036	-8.608E-03	-7.960E-04	0.0011
300	0.55218	DIS12	Combination	8.237	-0.033	-8.598E-03	-7.960E-04	0.0034
300	0.	DIS13	Combination	8.203	-0.04	-7.445E-03	-9.425E-04	-0.001
300	0.27609	DIS13	Combination	8.205	-0.036	-7.445E-03	-9.425E-04	0.001
300	0.55218	DIS13	Combination	8.208	-0.033	-7.445E-03	-9.425E-04	0.0031
300	0.	DIS14	Combination	8.206	-0.04	-7.445E-03	-9.424E-04	-0.001
300	0.27609	DIS14	Combination	8.208	-0.036	-7.445E-03	-9.424E-04	0.001
300	0.55218	DIS14	Combination	8.211	-0.033	-7.445E-03	-9.424E-04	0.0031
300	0.	DIS15	Combination	8.176	-0.04	-6.273E-03	-0.0011	-7.305E-04
300	0.27609	DIS15	Combination	8.179	-0.036	-6.282E-03	-0.0011	0.001
300	0.55218	DIS15	Combination	8.181	-0.033	-6.291E-03	-0.0011	0.0027
300	0.	DIS16	Combination	8.232	-0.04	-8.617E-03	-7.960E-04	-0.0013
300	0.27609	DIS16	Combination	8.235	-0.036	-8.608E-03	-7.960E-04	0.0011
300	0.55218	DIS16	Combination	8.237	-0.033	-8.598E-03	-7.960E-04	0.0034
300	0.	DIS17	Combination	18.968	-0.089	-0.017	-0.0022	-0.0024
300	0.27609	DIS17	Combination	18.97	-0.085	-0.017	-0.0022	0.0024
300	0.55218	DIS17	Combination	18.973	-0.082	-0.017	-0.0022	0.0072
300	0.	DIS18	Combination	18.975	-0.089	-0.017	-0.0022	-0.0024
300	0.27609	DIS18	Combination	18.978	-0.085	-0.017	-0.0022	0.0024
300	0.55218	DIS18	Combination	18.981	-0.082	-0.017	-0.0022	0.0072
300	0.	DIS19	Combination	18.905	-0.089	-0.015	-0.0024	-0.0013
300	0.27609	DIS19	Combination	18.907	-0.085	-0.015	-0.0024	0.0028
300	0.55218	DIS19	Combination	18.91	-0.082	-0.015	-0.0024	0.0068
300	0.	DIS20	Combination	19.039	-0.089	-0.02	-0.0021	-0.0035
300	0.27609	DIS20	Combination	19.041	-0.085	-0.02	-0.0021	0.0021
300	0.55218	DIS20	Combination	19.044	-0.081	-0.02	-0.0021	0.0077
300	0.	DIS21	Combination	8.203	-0.04	-7.445E-03	-9.425E-04	-0.001
300	0.27609	DIS21	Combination	8.205	-0.036	-7.445E-03	-9.425E-04	0.001
300	0.55218	DIS21	Combination	8.208	-0.033	-7.445E-03	-9.425E-04	0.0031
300	0.	DIS22	Combination	8.206	-0.04	-7.445E-03	-9.424E-04	-0.001
300	0.27609	DIS22	Combination	8.208	-0.036	-7.445E-03	-9.424E-04	0.001
300	0.55218	DIS22	Combination	8.211	-0.033	-7.445E-03	-9.424E-04	0.0031
300	0.	DIS23	Combination	8.176	-0.04	-6.273E-03	-0.0011	-7.305E-04
300	0.27609	DIS23	Combination	8.179	-0.036	-6.282E-03	-0.0011	0.001
300	0.55218	DIS23	Combination	8.181	-0.033	-6.291E-03	-0.0011	0.0027
300	0.	DIS24	Combination	8.232	-0.04	-8.617E-03	-7.960E-04	-0.0013
300	0.27609	DIS24	Combination	8.235	-0.036	-8.608E-03	-7.960E-04	0.0011
300	0.55218	DIS24	Combination	8.237	-0.033	-8.598E-03	-7.960E-04	0.0034
300	0.	DIS25	Combination	8.203	-0.04	-7.445E-03	-9.425E-04	-0.001
300	0.27609	DIS25	Combination	8.205	-0.036	-7.445E-03	-9.425E-04	0.001
300	0.55218	DIS25	Combination	8.208	-0.033	-7.445E-03	-9.425E-04	0.0031
300	0.	DIS26	Combination	8.206	-0.04	-7.445E-03	-9.424E-04	-0.001
300	0.27609	DIS26	Combination	8.208	-0.036	-7.445E-03	-9.424E-04	0.001
300	0.55218	DIS26	Combination	8.211	-0.033	-7.445E-03	-9.424E-04	0.0031
300	0.	DIS27	Combination	8.176	-0.04	-6.273E-03	-0.0011	-7.305E-04
300	0.27609	DIS27	Combination	8.179	-0.036	-6.282E-03	-0.0011	0.001
300	0.55218	DIS27	Combination	8.181	-0.033	-6.291E-03	-0.0011	0.0027

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
300	0.	DIS28	Combination	8.232	-0.04	-8.617E-03	-7.960E-04	-0.0013
300	0.27609	DIS28	Combination	8.235	-0.036	-8.608E-03	-7.960E-04	0.0011
300	0.55218	DIS28	Combination	8.237	-0.033	-8.598E-03	-7.960E-04	0.0034
300	0.	DIS29	Combination	20.867	-0.098	-0.019	-0.0024	-0.0026
300	0.27609	DIS29	Combination	20.87	-0.094	-0.019	-0.0024	0.0027
300	0.55218	DIS29	Combination	20.872	-0.09	-0.019	-0.0024	0.008
300	0.	DIS30	Combination	20.867	-0.098	-0.019	-0.0024	-0.0026
300	0.27609	DIS30	Combination	20.87	-0.094	-0.019	-0.0024	0.0027
300	0.55218	DIS30	Combination	20.872	-0.09	-0.019	-0.0024	0.008
300	0.	DIS31	Combination	21.852	-0.102	-0.02	-0.0026	-0.0027
300	0.27609	DIS31	Combination	21.855	-0.098	-0.02	-0.0026	0.0028
300	0.55218	DIS31	Combination	21.858	-0.095	-0.02	-0.0026	0.0084
300	0.	DIS32	Combination	10.099	-0.049	-9.202E-03	-0.0012	-0.0013
300	0.27609	DIS32	Combination	10.102	-0.045	-9.202E-03	-0.0012	0.0013
300	0.55218	DIS32	Combination	10.105	-0.041	-9.202E-03	-0.0012	0.0038
300	0.	DIS33	Combination	10.099	-0.049	-9.202E-03	-0.0012	-0.0013
300	0.27609	DIS33	Combination	10.102	-0.045	-9.202E-03	-0.0012	0.0013
300	0.55218	DIS33	Combination	10.105	-0.041	-9.202E-03	-0.0012	0.0038
300	0.	DIS34	Combination	11.085	-0.053	-0.01	-0.0013	-0.0014
300	0.27609	DIS34	Combination	11.088	-0.049	-0.01	-0.0013	0.0014
300	0.55218	DIS34	Combination	11.09	-0.046	-0.01	-0.0013	0.0042
300	0.	DIS35	Combination	10.099	-0.049	-9.202E-03	-0.0012	-0.0013
300	0.27609	DIS35	Combination	10.102	-0.045	-9.202E-03	-0.0012	0.0013
300	0.55218	DIS35	Combination	10.105	-0.041	-9.202E-03	-0.0012	0.0038
300	0.	DIS36	Combination	10.099	-0.049	-9.202E-03	-0.0012	-0.0013
300	0.27609	DIS36	Combination	10.102	-0.045	-9.202E-03	-0.0012	0.0013
300	0.55218	DIS36	Combination	10.105	-0.041	-9.202E-03	-0.0012	0.0038
300	0.	DIS37	Combination	11.085	-0.053	-0.01	-0.0013	-0.0014
300	0.27609	DIS37	Combination	11.088	-0.049	-0.01	-0.0013	0.0014
300	0.55218	DIS37	Combination	11.09	-0.046	-0.01	-0.0013	0.0042
300	0.	DIS38	Combination	15.36	-0.073	-0.014	-0.0018	-0.0019
300	0.27609	DIS38	Combination	15.362	-0.069	-0.014	-0.0018	0.002
300	0.55218	DIS38	Combination	15.365	-0.065	-0.014	-0.0018	0.0058
300	0.	DIS39	Combination	15.36	-0.073	-0.014	-0.0018	-0.0019
300	0.27609	DIS39	Combination	15.362	-0.069	-0.014	-0.0018	0.002
300	0.55218	DIS39	Combination	15.365	-0.065	-0.014	-0.0018	0.0058
300	0.	DIS40	Combination	17.255	-0.081	-0.016	-0.002	-0.0022
300	0.27609	DIS40	Combination	17.257	-0.077	-0.016	-0.002	0.0022
300	0.55218	DIS40	Combination	17.26	-0.074	-0.016	-0.002	0.0066
300	0.	DIS41	Combination	11.995	-0.057	-0.011	-0.0014	-0.0015
300	0.27609	DIS41	Combination	11.997	-0.054	-0.011	-0.0014	0.0015
300	0.55218	DIS41	Combination	12.	-0.05	-0.011	-0.0014	0.0045
300	0.	DIS42	Combination	11.995	-0.057	-0.011	-0.0014	-0.0015
300	0.27609	DIS42	Combination	11.997	-0.054	-0.011	-0.0014	0.0015
300	0.55218	DIS42	Combination	12.	-0.05	-0.011	-0.0014	0.0045
300	0.	DIS43	Combination	13.89	-0.066	-0.013	-0.0016	-0.0017
300	0.27609	DIS43	Combination	13.893	-0.062	-0.013	-0.0016	0.0018
300	0.55218	DIS43	Combination	13.895	-0.059	-0.013	-0.0016	0.0053
300	0.	DIS44	Combination	11.995	-0.057	-0.011	-0.0014	-0.0015
300	0.27609	DIS44	Combination	11.997	-0.054	-0.011	-0.0014	0.0015
300	0.55218	DIS44	Combination	12.	-0.05	-0.011	-0.0014	0.0045
300	0.	DIS45	Combination	11.995	-0.057	-0.011	-0.0014	-0.0015
300	0.27609	DIS45	Combination	11.997	-0.054	-0.011	-0.0014	0.0015
300	0.55218	DIS45	Combination	12.	-0.05	-0.011	-0.0014	0.0045

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
300	0.	DIS46	Combination	13.89	-0.066	-0.013	-0.0016	-0.0017
300	0.27609	DIS46	Combination	13.893	-0.062	-0.013	-0.0016	0.0018
300	0.55218	DIS46	Combination	13.895	-0.059	-0.013	-0.0016	0.0053
300	0.	DIS47	Combination	8.203	-0.04	-7.445E-03	-9.425E-04	-0.001
300	0.27609	DIS47	Combination	8.205	-0.036	-7.445E-03	-9.425E-04	0.001
300	0.55218	DIS47	Combination	8.208	-0.033	-7.445E-03	-9.425E-04	0.0031
300	0.	DIS48	Combination	8.206	-0.04	-7.445E-03	-9.424E-04	-0.001
300	0.27609	DIS48	Combination	8.208	-0.036	-7.445E-03	-9.424E-04	0.001
300	0.55218	DIS48	Combination	8.211	-0.033	-7.445E-03	-9.424E-04	0.0031
300	0.	DIS49	Combination	8.176	-0.04	-6.273E-03	-0.0011	-7.305E-04
300	0.27609	DIS49	Combination	8.179	-0.036	-6.282E-03	-0.0011	0.001
300	0.55218	DIS49	Combination	8.181	-0.033	-6.291E-03	-0.0011	0.0027
300	0.	DIS50	Combination	8.232	-0.04	-8.617E-03	-7.960E-04	-0.0013
300	0.27609	DIS50	Combination	8.235	-0.036	-8.608E-03	-7.960E-04	0.0011
300	0.55218	DIS50	Combination	8.237	-0.033	-8.598E-03	-7.960E-04	0.0034
300	0.	DIS51	Combination	9.944	-0.047	-9.099E-03	-0.0012	-0.0012
300	0.27609	DIS51	Combination	9.946	-0.045	-9.099E-03	-0.0012	0.0013
300	0.55218	DIS51	Combination	9.948	-0.042	-9.099E-03	-0.0012	0.0038
300	0.	DIS52	Combination	9.944	-0.047	-9.099E-03	-0.0012	-0.0012
300	0.27609	DIS52	Combination	9.946	-0.045	-9.099E-03	-0.0012	0.0013
300	0.55218	DIS52	Combination	9.948	-0.042	-9.099E-03	-0.0012	0.0038
300	0.	DIS53	Combination	11.839	-0.056	-0.011	-0.0014	-0.0015
300	0.27609	DIS53	Combination	11.841	-0.053	-0.011	-0.0014	0.0015
300	0.55218	DIS53	Combination	11.843	-0.05	-0.011	-0.0014	0.0045
300	0.	DIS54	Combination	6.152	-0.03	-5.583E-03	-7.069E-04	-7.675E-04
300	0.27609	DIS54	Combination	6.154	-0.027	-5.583E-03	-7.069E-04	7.740E-04
300	0.55218	DIS54	Combination	6.156	-0.025	-5.583E-03	-7.069E-04	0.0023
300	0.	DIS55	Combination	6.154	-0.03	-5.583E-03	-7.068E-04	-7.678E-04
300	0.27609	DIS55	Combination	6.156	-0.027	-5.583E-03	-7.068E-04	7.738E-04
300	0.55218	DIS55	Combination	6.158	-0.025	-5.583E-03	-7.068E-04	0.0023
300	0.	DIS56	Combination	6.132	-0.03	-4.705E-03	-8.167E-04	-5.479E-04
300	0.27609	DIS56	Combination	6.134	-0.027	-4.711E-03	-8.167E-04	7.519E-04
300	0.55218	DIS56	Combination	6.136	-0.025	-4.718E-03	-8.167E-04	0.0021
300	0.	DIS57	Combination	6.174	-0.03	-6.462E-03	-5.970E-04	-9.874E-04
300	0.27609	DIS57	Combination	6.176	-0.027	-6.456E-03	-5.970E-04	7.959E-04
300	0.55218	DIS57	Combination	6.178	-0.024	-6.449E-03	-5.970E-04	0.0026
301	0.	DEAD	LinStatic	-6.825	-7.412E-03	-1.622E-03	-1.912E-04	-0.0015
301	0.27609	DEAD	LinStatic	-6.823	-4.352E-03	-1.622E-03	-1.912E-04	-0.0011
301	0.55218	DEAD	LinStatic	-6.821	-1.291E-03	-1.622E-03	-1.912E-04	-6.498E-04
301	0.	L	LinStatic	0.	0.	0.	0.	0.
301	0.27609	L	LinStatic	0.	0.	0.	0.	0.
301	0.55218	L	LinStatic	0.	0.	0.	0.	0.
301	0.	Lr	LinStatic	-6.749	-4.617E-03	-1.607E-03	-2.017E-04	-0.0015
301	0.27609	Lr	LinStatic	-6.749	-4.617E-03	-1.607E-03	-2.017E-04	-0.0011
301	0.55218	Lr	LinStatic	-6.749	-4.617E-03	-1.607E-03	-2.017E-04	-6.545E-04
301	0.	G	LinStatic	0.	0.	0.	0.	0.
301	0.27609	G	LinStatic	0.	0.	0.	0.	0.
301	0.55218	G	LinStatic	0.	0.	0.	0.	0.
301	0.	Le	LinStatic	0.	0.	0.	0.	0.
301	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
301	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
301	0.	Wx	LinStatic	-3.802	-2.601E-03	-9.054E-04	-1.136E-04	-8.686E-04
301	0.27609	Wx	LinStatic	-3.802	-2.601E-03	-9.054E-04	-1.136E-04	-6.186E-04
301	0.55218	Wx	LinStatic	-3.802	-2.601E-03	-9.054E-04	-1.136E-04	-3.686E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
301	0.	Wy	LinStatic	-3.802	-2.601E-03	-9.054E-04	-1.136E-04	-8.686E-04
301	0.27609	Wy	LinStatic	-3.802	-2.601E-03	-9.054E-04	-1.136E-04	-6.186E-04
301	0.55218	Wy	LinStatic	-3.802	-2.601E-03	-9.054E-04	-1.136E-04	-3.686E-04
301	0.	CFx D	LinStatic	1.369E-03	-1.042E-05	3.425E-07	1.327E-07	-7.480E-08
301	0.27609	CFx D	LinStatic	1.363E-03	-6.071E-06	3.425E-07	1.327E-07	-1.693E-07
301	0.55218	CFx D	LinStatic	1.357E-03	-1.718E-06	3.425E-07	1.327E-07	-2.639E-07
301	0.	CFy D	LinStatic	0.023	-3.038E-04	0.	0.	2.441E-04
301	0.27609	CFy D	LinStatic	0.023	-3.038E-04	7.511E-06	0.	2.431E-04
301	0.55218	CFy D	LinStatic	0.023	-3.038E-04	1.502E-05	0.	2.400E-04
301	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
301	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
301	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
301	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
301	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
301	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
301	0.	CFx Lr	LinStatic	1.371E-03	-5.987E-06	3.261E-07	1.199E-07	-7.530E-08
301	0.27609	CFx Lr	LinStatic	1.371E-03	-5.987E-06	3.261E-07	1.199E-07	-1.653E-07
301	0.55218	CFx Lr	LinStatic	1.371E-03	-5.987E-06	3.261E-07	1.199E-07	-2.554E-07
301	0.	CFy Lr	LinStatic	0.023	-3.000E-04	-9.766E-04	0.	-2.441E-04
301	0.27609	CFy Lr	LinStatic	0.023	-3.000E-04	-9.766E-04	0.	2.548E-05
301	0.55218	CFy Lr	LinStatic	0.023	-3.000E-04	-9.766E-04	0.	2.951E-04
301	0.	DIS01	Combination	-9.553	-0.01	-2.270E-03	-2.676E-04	-0.0022
301	0.27609	DIS01	Combination	-9.55	-6.101E-03	-2.270E-03	-2.676E-04	-0.0015
301	0.55218	DIS01	Combination	-9.547	-1.810E-03	-2.270E-03	-2.676E-04	-9.100E-04
301	0.	DIS02	Combination	-9.557	-0.01	-2.271E-03	-2.679E-04	-0.0022
301	0.27609	DIS02	Combination	-9.554	-6.084E-03	-2.271E-03	-2.679E-04	-0.0015
301	0.55218	DIS02	Combination	-9.551	-1.805E-03	-2.271E-03	-2.679E-04	-9.093E-04
301	0.	DIS03	Combination	-9.524	-0.011	-2.270E-03	-2.677E-04	-0.0018
301	0.27609	DIS03	Combination	-9.52	-6.517E-03	-2.260E-03	-2.677E-04	-0.0012
301	0.55218	DIS03	Combination	-9.517	-2.233E-03	-2.249E-03	-2.677E-04	-5.737E-04
301	0.	DIS04	Combination	-9.587	-9.952E-03	-2.270E-03	-2.677E-04	-0.0025
301	0.27609	DIS04	Combination	-9.584	-5.667E-03	-2.281E-03	-2.677E-04	-0.0019
301	0.55218	DIS04	Combination	-9.581	-1.382E-03	-2.291E-03	-2.677E-04	-0.0012
301	0.	DIS05	Combination	-11.562	-0.011	-2.749E-03	-3.301E-04	-0.0026
301	0.27609	DIS05	Combination	-11.56	-7.541E-03	-2.749E-03	-3.301E-04	-0.0019
301	0.55218	DIS05	Combination	-11.557	-3.863E-03	-2.749E-03	-3.301E-04	-0.0011
301	0.	DIS06	Combination	-11.567	-0.011	-2.750E-03	-3.305E-04	-0.0026
301	0.27609	DIS06	Combination	-11.565	-7.520E-03	-2.750E-03	-3.305E-04	-0.0019
301	0.55218	DIS06	Combination	-11.562	-3.853E-03	-2.750E-03	-3.305E-04	-0.0011
301	0.	DIS07	Combination	-11.526	-0.012	-3.238E-03	-3.303E-04	-0.0025
301	0.27609	DIS07	Combination	-11.524	-8.045E-03	-3.229E-03	-3.303E-04	-0.0016
301	0.55218	DIS07	Combination	-11.521	-4.372E-03	-3.220E-03	-3.303E-04	-6.714E-04
301	0.	DIS08	Combination	-11.603	-0.011	-2.262E-03	-3.303E-04	-0.0028
301	0.27609	DIS08	Combination	-11.601	-7.016E-03	-2.271E-03	-3.303E-04	-0.0022
301	0.55218	DIS08	Combination	-11.598	-3.343E-03	-2.280E-03	-3.303E-04	-0.0015
301	0.	DIS09	Combination	-8.188	-8.907E-03	-1.946E-03	-2.293E-04	-0.0019
301	0.27609	DIS09	Combination	-8.186	-5.229E-03	-1.946E-03	-2.293E-04	-0.0013
301	0.55218	DIS09	Combination	-8.183	-1.551E-03	-1.946E-03	-2.293E-04	-7.800E-04
301	0.	DIS10	Combination	-8.192	-8.882E-03	-1.947E-03	-2.297E-04	-0.0019
301	0.27609	DIS10	Combination	-8.189	-5.215E-03	-1.947E-03	-2.297E-04	-0.0013
301	0.55218	DIS10	Combination	-8.187	-1.547E-03	-1.947E-03	-2.297E-04	-7.794E-04
301	0.	DIS11	Combination	-8.163	-9.259E-03	-1.946E-03	-2.295E-04	-0.0016
301	0.27609	DIS11	Combination	-8.16	-5.586E-03	-1.937E-03	-2.295E-04	-0.001
301	0.55218	DIS11	Combination	-8.158	-1.914E-03	-1.928E-03	-2.295E-04	-4.917E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
301	0.	DIS12	Combination	-8.217	-8.530E-03	-1.946E-03	-2.295E-04	-0.0021
301	0.27609	DIS12	Combination	-8.215	-4.857E-03	-1.955E-03	-2.295E-04	-0.0016
301	0.55218	DIS12	Combination	-8.212	-1.185E-03	-1.964E-03	-2.295E-04	-0.0011
301	0.	DIS13	Combination	-8.188	-8.907E-03	-1.946E-03	-2.293E-04	-0.0019
301	0.27609	DIS13	Combination	-8.186	-5.229E-03	-1.946E-03	-2.293E-04	-0.0013
301	0.55218	DIS13	Combination	-8.183	-1.551E-03	-1.946E-03	-2.293E-04	-7.800E-04
301	0.	DIS14	Combination	-8.192	-8.882E-03	-1.947E-03	-2.297E-04	-0.0019
301	0.27609	DIS14	Combination	-8.189	-5.215E-03	-1.947E-03	-2.297E-04	-0.0013
301	0.55218	DIS14	Combination	-8.187	-1.547E-03	-1.947E-03	-2.297E-04	-7.794E-04
301	0.	DIS15	Combination	-8.163	-9.259E-03	-1.946E-03	-2.295E-04	-0.0016
301	0.27609	DIS15	Combination	-8.16	-5.586E-03	-1.937E-03	-2.295E-04	-0.001
301	0.55218	DIS15	Combination	-8.158	-1.914E-03	-1.928E-03	-2.295E-04	-4.917E-04
301	0.	DIS16	Combination	-8.217	-8.530E-03	-1.946E-03	-2.295E-04	-0.0021
301	0.27609	DIS16	Combination	-8.215	-4.857E-03	-1.955E-03	-2.295E-04	-0.0016
301	0.55218	DIS16	Combination	-8.212	-1.185E-03	-1.964E-03	-2.295E-04	-0.0011
301	0.	DIS17	Combination	-18.985	-0.016	-4.517E-03	-5.518E-04	-0.0043
301	0.27609	DIS17	Combination	-18.983	-0.013	-4.517E-03	-5.518E-04	-0.0031
301	0.55218	DIS17	Combination	-18.98	-8.948E-03	-4.517E-03	-5.518E-04	-0.0018
301	0.	DIS18	Combination	-18.993	-0.016	-4.519E-03	-5.525E-04	-0.0043
301	0.27609	DIS18	Combination	-18.99	-0.013	-4.519E-03	-5.525E-04	-0.0031
301	0.55218	DIS18	Combination	-18.988	-8.925E-03	-4.519E-03	-5.525E-04	-0.0018
301	0.	DIS19	Combination	-18.926	-0.017	-6.081E-03	-5.522E-04	-0.0044
301	0.27609	DIS19	Combination	-18.923	-0.013	-6.072E-03	-5.522E-04	-0.0027
301	0.55218	DIS19	Combination	-18.92	-9.781E-03	-6.063E-03	-5.522E-04	-0.0011
301	0.	DIS20	Combination	-19.053	-0.015	-2.956E-03	-5.522E-04	-0.0042
301	0.27609	DIS20	Combination	-19.05	-0.012	-2.965E-03	-5.522E-04	-0.0034
301	0.55218	DIS20	Combination	-19.047	-8.092E-03	-2.974E-03	-5.522E-04	-0.0026
301	0.	DIS21	Combination	-8.188	-8.907E-03	-1.946E-03	-2.293E-04	-0.0019
301	0.27609	DIS21	Combination	-8.186	-5.229E-03	-1.946E-03	-2.293E-04	-0.0013
301	0.55218	DIS21	Combination	-8.183	-1.551E-03	-1.946E-03	-2.293E-04	-7.800E-04
301	0.	DIS22	Combination	-8.192	-8.882E-03	-1.947E-03	-2.297E-04	-0.0019
301	0.27609	DIS22	Combination	-8.189	-5.215E-03	-1.947E-03	-2.297E-04	-0.0013
301	0.55218	DIS22	Combination	-8.187	-1.547E-03	-1.947E-03	-2.297E-04	-7.794E-04
301	0.	DIS23	Combination	-8.163	-9.259E-03	-1.946E-03	-2.295E-04	-0.0016
301	0.27609	DIS23	Combination	-8.16	-5.586E-03	-1.937E-03	-2.295E-04	-0.001
301	0.55218	DIS23	Combination	-8.158	-1.914E-03	-1.928E-03	-2.295E-04	-4.917E-04
301	0.	DIS24	Combination	-8.217	-8.530E-03	-1.946E-03	-2.295E-04	-0.0021
301	0.27609	DIS24	Combination	-8.215	-4.857E-03	-1.955E-03	-2.295E-04	-0.0016
301	0.55218	DIS24	Combination	-8.212	-1.185E-03	-1.964E-03	-2.295E-04	-0.0011
301	0.	DIS25	Combination	-8.188	-8.907E-03	-1.946E-03	-2.293E-04	-0.0019
301	0.27609	DIS25	Combination	-8.186	-5.229E-03	-1.946E-03	-2.293E-04	-0.0013
301	0.55218	DIS25	Combination	-8.183	-1.551E-03	-1.946E-03	-2.293E-04	-7.800E-04
301	0.	DIS26	Combination	-8.192	-8.882E-03	-1.947E-03	-2.297E-04	-0.0019
301	0.27609	DIS26	Combination	-8.189	-5.215E-03	-1.947E-03	-2.297E-04	-0.0013
301	0.55218	DIS26	Combination	-8.187	-1.547E-03	-1.947E-03	-2.297E-04	-7.794E-04
301	0.	DIS27	Combination	-8.163	-9.259E-03	-1.946E-03	-2.295E-04	-0.0016
301	0.27609	DIS27	Combination	-8.16	-5.586E-03	-1.937E-03	-2.295E-04	-0.001
301	0.55218	DIS27	Combination	-8.158	-1.914E-03	-1.928E-03	-2.295E-04	-4.917E-04
301	0.	DIS28	Combination	-8.217	-8.530E-03	-1.946E-03	-2.295E-04	-0.0021
301	0.27609	DIS28	Combination	-8.215	-4.857E-03	-1.955E-03	-2.295E-04	-0.0016
301	0.55218	DIS28	Combination	-8.212	-1.185E-03	-1.964E-03	-2.295E-04	-0.0011
301	0.	DIS29	Combination	-20.89	-0.018	-4.971E-03	-6.090E-04	-0.0048
301	0.27609	DIS29	Combination	-20.887	-0.014	-4.971E-03	-6.090E-04	-0.0034
301	0.55218	DIS29	Combination	-20.885	-0.01	-4.971E-03	-6.090E-04	-0.002

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
301	0.	DIS30	Combination	-20.89	-0.018	-4.971E-03	-6.090E-04	-0.0048
301	0.27609	DIS30	Combination	-20.887	-0.014	-4.971E-03	-6.090E-04	-0.0034
301	0.55218	DIS30	Combination	-20.885	-0.01	-4.971E-03	-6.090E-04	-0.002
301	0.	DIS31	Combination	-21.878	-0.018	-5.206E-03	-6.385E-04	-0.005
301	0.27609	DIS31	Combination	-21.876	-0.015	-5.206E-03	-6.385E-04	-0.0035
301	0.55218	DIS31	Combination	-21.873	-0.011	-5.206E-03	-6.385E-04	-0.0021
301	0.	DIS32	Combination	-10.091	-0.01	-2.399E-03	-2.863E-04	-0.0023
301	0.27609	DIS32	Combination	-10.088	-6.522E-03	-2.399E-03	-2.863E-04	-0.0016
301	0.55218	DIS32	Combination	-10.086	-2.850E-03	-2.399E-03	-2.863E-04	-9.640E-04
301	0.	DIS33	Combination	-10.091	-0.01	-2.399E-03	-2.863E-04	-0.0023
301	0.27609	DIS33	Combination	-10.088	-6.522E-03	-2.399E-03	-2.863E-04	-0.0016
301	0.55218	DIS33	Combination	-10.086	-2.850E-03	-2.399E-03	-2.863E-04	-9.640E-04
301	0.	DIS34	Combination	-11.079	-0.011	-2.634E-03	-3.158E-04	-0.0025
301	0.27609	DIS34	Combination	-11.077	-7.198E-03	-2.634E-03	-3.158E-04	-0.0018
301	0.55218	DIS34	Combination	-11.074	-3.526E-03	-2.634E-03	-3.158E-04	-0.0011
301	0.	DIS35	Combination	-10.091	-0.01	-2.399E-03	-2.863E-04	-0.0023
301	0.27609	DIS35	Combination	-10.088	-6.522E-03	-2.399E-03	-2.863E-04	-0.0016
301	0.55218	DIS35	Combination	-10.086	-2.850E-03	-2.399E-03	-2.863E-04	-9.640E-04
301	0.	DIS36	Combination	-10.091	-0.01	-2.399E-03	-2.863E-04	-0.0023
301	0.27609	DIS36	Combination	-10.088	-6.522E-03	-2.399E-03	-2.863E-04	-0.0016
301	0.55218	DIS36	Combination	-10.086	-2.850E-03	-2.399E-03	-2.863E-04	-9.640E-04
301	0.	DIS37	Combination	-11.079	-0.011	-2.634E-03	-3.158E-04	-0.0025
301	0.27609	DIS37	Combination	-11.077	-7.198E-03	-2.634E-03	-3.158E-04	-0.0018
301	0.55218	DIS37	Combination	-11.074	-3.526E-03	-2.634E-03	-3.158E-04	-0.0011
301	0.	DIS38	Combination	-15.367	-0.014	-3.655E-03	-4.439E-04	-0.0035
301	0.27609	DIS38	Combination	-15.364	-0.01	-3.655E-03	-4.439E-04	-0.0025
301	0.55218	DIS38	Combination	-15.361	-6.458E-03	-3.655E-03	-4.439E-04	-0.0015
301	0.	DIS39	Combination	-15.367	-0.014	-3.655E-03	-4.439E-04	-0.0035
301	0.27609	DIS39	Combination	-15.364	-0.01	-3.655E-03	-4.439E-04	-0.0025
301	0.55218	DIS39	Combination	-15.361	-6.458E-03	-3.655E-03	-4.439E-04	-0.0015
301	0.	DIS40	Combination	-17.267	-0.015	-4.108E-03	-5.007E-04	-0.0039
301	0.27609	DIS40	Combination	-17.265	-0.011	-4.108E-03	-5.007E-04	-0.0028
301	0.55218	DIS40	Combination	-17.262	-7.759E-03	-4.108E-03	-5.007E-04	-0.0017
301	0.	DIS41	Combination	-11.992	-0.011	-2.852E-03	-3.431E-04	-0.0027
301	0.27609	DIS41	Combination	-11.989	-7.823E-03	-2.852E-03	-3.431E-04	-0.0019
301	0.55218	DIS41	Combination	-11.987	-4.150E-03	-2.852E-03	-3.431E-04	-0.0011
301	0.	DIS42	Combination	-11.992	-0.011	-2.852E-03	-3.431E-04	-0.0027
301	0.27609	DIS42	Combination	-11.989	-7.823E-03	-2.852E-03	-3.431E-04	-0.0019
301	0.55218	DIS42	Combination	-11.987	-4.150E-03	-2.852E-03	-3.431E-04	-0.0011
301	0.	DIS43	Combination	-13.893	-0.013	-3.304E-03	-3.999E-04	-0.0032
301	0.27609	DIS43	Combination	-13.89	-9.123E-03	-3.304E-03	-3.999E-04	-0.0022
301	0.55218	DIS43	Combination	-13.887	-5.450E-03	-3.304E-03	-3.999E-04	-0.0013
301	0.	DIS44	Combination	-11.992	-0.011	-2.852E-03	-3.431E-04	-0.0027
301	0.27609	DIS44	Combination	-11.989	-7.823E-03	-2.852E-03	-3.431E-04	-0.0019
301	0.55218	DIS44	Combination	-11.987	-4.150E-03	-2.852E-03	-3.431E-04	-0.0011
301	0.	DIS45	Combination	-11.992	-0.011	-2.852E-03	-3.431E-04	-0.0027
301	0.27609	DIS45	Combination	-11.989	-7.823E-03	-2.852E-03	-3.431E-04	-0.0019
301	0.55218	DIS45	Combination	-11.987	-4.150E-03	-2.852E-03	-3.431E-04	-0.0011
301	0.	DIS46	Combination	-13.893	-0.013	-3.304E-03	-3.999E-04	-0.0032
301	0.27609	DIS46	Combination	-13.89	-9.123E-03	-3.304E-03	-3.999E-04	-0.0022
301	0.55218	DIS46	Combination	-13.887	-5.450E-03	-3.304E-03	-3.999E-04	-0.0013
301	0.	DIS47	Combination	-8.188	-8.907E-03	-1.946E-03	-2.293E-04	-0.0019
301	0.27609	DIS47	Combination	-8.186	-5.229E-03	-1.946E-03	-2.293E-04	-0.0013
301	0.55218	DIS47	Combination	-8.183	-1.551E-03	-1.946E-03	-2.293E-04	-7.800E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
301	0.	DIS48	Combination	-8.192	-8.882E-03	-1.947E-03	-2.297E-04	-0.0019
301	0.27609	DIS48	Combination	-8.189	-5.215E-03	-1.947E-03	-2.297E-04	-0.0013
301	0.55218	DIS48	Combination	-8.187	-1.547E-03	-1.947E-03	-2.297E-04	-7.794E-04
301	0.	DIS49	Combination	-8.163	-9.259E-03	-1.946E-03	-2.295E-04	-0.0016
301	0.27609	DIS49	Combination	-8.16	-5.586E-03	-1.937E-03	-2.295E-04	-0.001
301	0.55218	DIS49	Combination	-8.158	-1.914E-03	-1.928E-03	-2.295E-04	-4.917E-04
301	0.	DIS50	Combination	-8.217	-8.530E-03	-1.946E-03	-2.295E-04	-0.0021
301	0.27609	DIS50	Combination	-8.215	-4.857E-03	-1.955E-03	-2.295E-04	-0.0016
301	0.55218	DIS50	Combination	-8.212	-1.185E-03	-1.964E-03	-2.295E-04	-0.0011
301	0.	DIS51	Combination	-9.944	-9.271E-03	-2.365E-03	-2.857E-04	-0.0023
301	0.27609	DIS51	Combination	-9.942	-6.517E-03	-2.365E-03	-2.857E-04	-0.0016
301	0.55218	DIS51	Combination	-9.94	-3.763E-03	-2.365E-03	-2.857E-04	-9.534E-04
301	0.	DIS52	Combination	-9.944	-9.271E-03	-2.365E-03	-2.857E-04	-0.0023
301	0.27609	DIS52	Combination	-9.942	-6.517E-03	-2.365E-03	-2.857E-04	-0.0016
301	0.55218	DIS52	Combination	-9.94	-3.763E-03	-2.365E-03	-2.857E-04	-9.534E-04
301	0.	DIS53	Combination	-11.845	-0.011	-2.818E-03	-3.425E-04	-0.0027
301	0.27609	DIS53	Combination	-11.843	-7.817E-03	-2.818E-03	-3.425E-04	-0.0019
301	0.55218	DIS53	Combination	-11.841	-5.063E-03	-2.818E-03	-3.425E-04	-0.0011
301	0.	DIS54	Combination	-6.141	-6.680E-03	-1.459E-03	-1.720E-04	-0.0014
301	0.27609	DIS54	Combination	-6.139	-3.922E-03	-1.459E-03	-1.720E-04	-9.879E-04
301	0.55218	DIS54	Combination	-6.137	-1.164E-03	-1.459E-03	-1.720E-04	-5.850E-04
301	0.	DIS55	Combination	-6.144	-6.662E-03	-1.460E-03	-1.722E-04	-0.0014
301	0.27609	DIS55	Combination	-6.142	-3.911E-03	-1.460E-03	-1.722E-04	-9.876E-04
301	0.55218	DIS55	Combination	-6.14	-1.160E-03	-1.460E-03	-1.722E-04	-5.845E-04
301	0.	DIS56	Combination	-6.122	-6.944E-03	-1.460E-03	-1.721E-04	-0.0012
301	0.27609	DIS56	Combination	-6.12	-4.190E-03	-1.453E-03	-1.721E-04	-7.690E-04
301	0.55218	DIS56	Combination	-6.118	-1.435E-03	-1.446E-03	-1.721E-04	-3.688E-04
301	0.	DIS57	Combination	-6.163	-6.398E-03	-1.460E-03	-1.721E-04	-0.0016
301	0.27609	DIS57	Combination	-6.161	-3.643E-03	-1.466E-03	-1.721E-04	-0.0012
301	0.55218	DIS57	Combination	-6.159	-8.886E-04	-1.473E-03	-1.721E-04	-8.008E-04
302	0.	DEAD	LinStatic	4.79	8.965E-04	2.455E-03	-2.074E-04	6.291E-04
302	0.27609	DEAD	LinStatic	4.792	3.957E-03	2.455E-03	-2.074E-04	-4.874E-05
302	0.55218	DEAD	LinStatic	4.794	7.017E-03	2.455E-03	-2.074E-04	-7.265E-04
302	0.	L	LinStatic	0.	0.	0.	0.	0.
302	0.27609	L	LinStatic	0.	0.	0.	0.	0.
302	0.55218	L	LinStatic	0.	0.	0.	0.	0.
302	0.	Lr	LinStatic	4.703	3.992E-03	2.485E-03	-2.053E-04	6.229E-04
302	0.27609	Lr	LinStatic	4.703	3.992E-03	2.485E-03	-2.053E-04	-6.325E-05
302	0.55218	Lr	LinStatic	4.703	3.992E-03	2.485E-03	-2.053E-04	-7.494E-04
302	0.	G	LinStatic	0.	0.	0.	0.	0.
302	0.27609	G	LinStatic	0.	0.	0.	0.	0.
302	0.55218	G	LinStatic	0.	0.	0.	0.	0.
302	0.	Le	LinStatic	0.	0.	0.	0.	0.
302	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
302	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
302	0.	Wx	LinStatic	2.649	2.249E-03	1.400E-03	-1.156E-04	3.508E-04
302	0.27609	Wx	LinStatic	2.649	2.249E-03	1.400E-03	-1.156E-04	-3.562E-05
302	0.55218	Wx	LinStatic	2.649	2.249E-03	1.400E-03	-1.156E-04	-4.221E-04
302	0.	Wy	LinStatic	2.649	2.249E-03	1.400E-03	-1.156E-04	3.508E-04
302	0.27609	Wy	LinStatic	2.649	2.249E-03	1.400E-03	-1.156E-04	-3.562E-05
302	0.55218	Wy	LinStatic	2.649	2.249E-03	1.400E-03	-1.156E-04	-4.221E-04
302	0.	CFx D	LinStatic	-1.344E-03	-4.485E-07	-7.243E-08	-1.619E-07	1.272E-07
302	0.27609	CFx D	LinStatic	-1.338E-03	-4.801E-06	-7.243E-08	-1.619E-07	1.472E-07
302	0.55218	CFx D	LinStatic	-1.332E-03	-9.154E-06	-7.243E-08	-1.619E-07	1.672E-07

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
302	0.	CFy D	LinStatic	-0.022	4.599E-04	0.	1.221E-04	0.
302	0.27609	CFy D	LinStatic	-0.022	4.599E-04	-7.511E-06	1.221E-04	1.037E-06
302	0.55218	CFy D	LinStatic	-0.022	4.599E-04	-1.502E-05	1.221E-04	4.147E-06
302	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
302	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
302	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
302	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
302	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
302	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
302	0.	CFx Lr	LinStatic	-1.347E-03	-4.705E-06	-6.759E-08	-1.693E-07	1.303E-07
302	0.27609	CFx Lr	LinStatic	-1.347E-03	-4.705E-06	-6.759E-08	-1.693E-07	1.489E-07
302	0.55218	CFx Lr	LinStatic	-1.347E-03	-4.705E-06	-6.759E-08	-1.693E-07	1.676E-07
302	0.	CFy Lr	LinStatic	-0.02	4.014E-04	1.953E-03	2.441E-04	4.883E-04
302	0.27609	CFy Lr	LinStatic	-0.02	4.014E-04	1.953E-03	2.441E-04	-5.095E-05
302	0.55218	CFy Lr	LinStatic	-0.02	4.014E-04	1.953E-03	2.441E-04	-5.902E-04
302	0.	DIS01	Combination	6.704	1.254E-03	3.437E-03	-2.907E-04	8.809E-04
302	0.27609	DIS01	Combination	6.707	5.533E-03	3.437E-03	-2.907E-04	-6.803E-05
302	0.55218	DIS01	Combination	6.71	9.812E-03	3.437E-03	-2.907E-04	-0.001
302	0.	DIS02	Combination	6.708	1.256E-03	3.437E-03	-2.902E-04	8.805E-04
302	0.27609	DIS02	Combination	6.711	5.547E-03	3.437E-03	-2.902E-04	-6.844E-05
302	0.55218	DIS02	Combination	6.714	9.837E-03	3.437E-03	-2.902E-04	-0.001
302	0.	DIS03	Combination	6.676	1.899E-03	3.437E-03	-1.195E-04	8.807E-04
302	0.27609	DIS03	Combination	6.679	6.184E-03	3.426E-03	-1.195E-04	-6.678E-05
302	0.55218	DIS03	Combination	6.682	0.01	3.416E-03	-1.195E-04	-0.001
302	0.	DIS04	Combination	6.736	6.113E-04	3.437E-03	-4.613E-04	8.807E-04
302	0.27609	DIS04	Combination	6.739	4.896E-03	3.447E-03	-4.613E-04	-6.968E-05
302	0.55218	DIS04	Combination	6.742	9.181E-03	3.458E-03	-4.613E-04	-0.001
302	0.	DIS05	Combination	8.097	3.069E-03	4.188E-03	-3.519E-04	0.0011
302	0.27609	DIS05	Combination	8.1	6.736E-03	4.188E-03	-3.519E-04	-8.986E-05
302	0.55218	DIS05	Combination	8.103	0.01	4.188E-03	-3.519E-04	-0.0012
302	0.	DIS06	Combination	8.102	3.075E-03	4.189E-03	-3.513E-04	0.0011
302	0.27609	DIS06	Combination	8.105	6.752E-03	4.189E-03	-3.513E-04	-9.036E-05
302	0.55218	DIS06	Combination	8.107	0.01	4.189E-03	-3.513E-04	-0.0012
302	0.	DIS07	Combination	8.064	3.824E-03	5.165E-03	-8.303E-05	0.0013
302	0.27609	DIS07	Combination	8.066	7.497E-03	5.156E-03	-8.303E-05	-1.143E-04
302	0.55218	DIS07	Combination	8.069	0.011	5.147E-03	-8.303E-05	-0.0015
302	0.	DIS08	Combination	8.136	2.319E-03	3.212E-03	-6.201E-04	8.222E-04
302	0.27609	DIS08	Combination	8.138	5.992E-03	3.221E-03	-6.201E-04	-6.587E-05
302	0.55218	DIS08	Combination	8.141	9.664E-03	3.230E-03	-6.201E-04	-9.564E-04
302	0.	DIS09	Combination	5.746	1.075E-03	2.946E-03	-2.491E-04	7.550E-04
302	0.27609	DIS09	Combination	5.749	4.743E-03	2.946E-03	-2.491E-04	-5.831E-05
302	0.55218	DIS09	Combination	5.752	8.410E-03	2.946E-03	-2.491E-04	-8.716E-04
302	0.	DIS10	Combination	5.75	1.076E-03	2.946E-03	-2.487E-04	7.547E-04
302	0.27609	DIS10	Combination	5.752	4.754E-03	2.946E-03	-2.487E-04	-5.866E-05
302	0.55218	DIS10	Combination	5.755	8.432E-03	2.946E-03	-2.487E-04	-8.720E-04
302	0.	DIS11	Combination	5.722	1.628E-03	2.946E-03	-1.025E-04	7.549E-04
302	0.27609	DIS11	Combination	5.725	5.300E-03	2.937E-03	-1.025E-04	-5.724E-05
302	0.55218	DIS11	Combination	5.727	8.973E-03	2.928E-03	-1.025E-04	-8.669E-04
302	0.	DIS12	Combination	5.774	5.239E-04	2.946E-03	-3.954E-04	7.549E-04
302	0.27609	DIS12	Combination	5.776	4.197E-03	2.955E-03	-3.954E-04	-5.973E-05
302	0.55218	DIS12	Combination	5.779	7.869E-03	2.964E-03	-3.954E-04	-8.768E-04
302	0.	DIS13	Combination	5.746	1.075E-03	2.946E-03	-2.491E-04	7.550E-04
302	0.27609	DIS13	Combination	5.749	4.743E-03	2.946E-03	-2.491E-04	-5.831E-05
302	0.55218	DIS13	Combination	5.752	8.410E-03	2.946E-03	-2.491E-04	-8.716E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
302	0.	DIS14	Combination	5.75	1.076E-03	2.946E-03	-2.487E-04	7.547E-04
302	0.27609	DIS14	Combination	5.752	4.754E-03	2.946E-03	-2.487E-04	-5.866E-05
302	0.55218	DIS14	Combination	5.755	8.432E-03	2.946E-03	-2.487E-04	-8.720E-04
302	0.	DIS15	Combination	5.722	1.628E-03	2.946E-03	-1.025E-04	7.549E-04
302	0.27609	DIS15	Combination	5.725	5.300E-03	2.937E-03	-1.025E-04	-5.724E-05
302	0.55218	DIS15	Combination	5.727	8.973E-03	2.928E-03	-1.025E-04	-8.669E-04
302	0.	DIS16	Combination	5.774	5.239E-04	2.946E-03	-3.954E-04	7.549E-04
302	0.27609	DIS16	Combination	5.776	4.197E-03	2.955E-03	-3.954E-04	-5.973E-05
302	0.55218	DIS16	Combination	5.779	7.869E-03	2.964E-03	-3.954E-04	-8.768E-04
302	0.	DIS17	Combination	13.27	7.455E-03	6.922E-03	-5.779E-04	0.0018
302	0.27609	DIS17	Combination	13.272	0.011	6.922E-03	-5.779E-04	-1.593E-04
302	0.55218	DIS17	Combination	13.275	0.015	6.922E-03	-5.779E-04	-0.0021
302	0.	DIS18	Combination	13.277	7.471E-03	6.922E-03	-5.770E-04	0.0018
302	0.27609	DIS18	Combination	13.28	0.011	6.922E-03	-5.770E-04	-1.601E-04
302	0.55218	DIS18	Combination	13.282	0.015	6.922E-03	-5.770E-04	-0.0021
302	0.	DIS19	Combination	13.216	8.657E-03	0.01	-4.032E-05	0.0025
302	0.27609	DIS19	Combination	13.218	0.012	0.01	-4.032E-05	-2.400E-04
302	0.55218	DIS19	Combination	13.221	0.016	0.01	-4.032E-05	-0.003
302	0.	DIS20	Combination	13.331	6.269E-03	3.797E-03	-0.0011	9.702E-04
302	0.27609	DIS20	Combination	13.334	9.941E-03	3.806E-03	-0.0011	-7.940E-05
302	0.55218	DIS20	Combination	13.337	0.014	3.815E-03	-0.0011	-0.0011
302	0.	DIS21	Combination	5.746	1.075E-03	2.946E-03	-2.491E-04	7.550E-04
302	0.27609	DIS21	Combination	5.749	4.743E-03	2.946E-03	-2.491E-04	-5.831E-05
302	0.55218	DIS21	Combination	5.752	8.410E-03	2.946E-03	-2.491E-04	-8.716E-04
302	0.	DIS22	Combination	5.75	1.076E-03	2.946E-03	-2.487E-04	7.547E-04
302	0.27609	DIS22	Combination	5.752	4.754E-03	2.946E-03	-2.487E-04	-5.866E-05
302	0.55218	DIS22	Combination	5.755	8.432E-03	2.946E-03	-2.487E-04	-8.720E-04
302	0.	DIS23	Combination	5.722	1.628E-03	2.946E-03	-1.025E-04	7.549E-04
302	0.27609	DIS23	Combination	5.725	5.300E-03	2.937E-03	-1.025E-04	-5.724E-05
302	0.55218	DIS23	Combination	5.727	8.973E-03	2.928E-03	-1.025E-04	-8.669E-04
302	0.	DIS24	Combination	5.774	5.239E-04	2.946E-03	-3.954E-04	7.549E-04
302	0.27609	DIS24	Combination	5.776	4.197E-03	2.955E-03	-3.954E-04	-5.973E-05
302	0.55218	DIS24	Combination	5.779	7.869E-03	2.964E-03	-3.954E-04	-8.768E-04
302	0.	DIS25	Combination	5.746	1.075E-03	2.946E-03	-2.491E-04	7.550E-04
302	0.27609	DIS25	Combination	5.749	4.743E-03	2.946E-03	-2.491E-04	-5.831E-05
302	0.55218	DIS25	Combination	5.752	8.410E-03	2.946E-03	-2.491E-04	-8.716E-04
302	0.	DIS26	Combination	5.75	1.076E-03	2.946E-03	-2.487E-04	7.547E-04
302	0.27609	DIS26	Combination	5.752	4.754E-03	2.946E-03	-2.487E-04	-5.866E-05
302	0.55218	DIS26	Combination	5.755	8.432E-03	2.946E-03	-2.487E-04	-8.720E-04
302	0.	DIS27	Combination	5.722	1.628E-03	2.946E-03	-1.025E-04	7.549E-04
302	0.27609	DIS27	Combination	5.725	5.300E-03	2.937E-03	-1.025E-04	-5.724E-05
302	0.55218	DIS27	Combination	5.727	8.973E-03	2.928E-03	-1.025E-04	-8.669E-04
302	0.	DIS28	Combination	5.774	5.239E-04	2.946E-03	-3.954E-04	7.549E-04
302	0.27609	DIS28	Combination	5.776	4.197E-03	2.955E-03	-3.954E-04	-5.973E-05
302	0.55218	DIS28	Combination	5.779	7.869E-03	2.964E-03	-3.954E-04	-8.768E-04
302	0.	DIS29	Combination	14.598	8.587E-03	7.622E-03	-6.352E-04	0.0019
302	0.27609	DIS29	Combination	14.601	0.012	7.622E-03	-6.352E-04	-1.775E-04
302	0.55218	DIS29	Combination	14.603	0.016	7.622E-03	-6.352E-04	-0.0023
302	0.	DIS30	Combination	14.598	8.587E-03	7.622E-03	-6.352E-04	0.0019
302	0.27609	DIS30	Combination	14.601	0.012	7.622E-03	-6.352E-04	-1.775E-04
302	0.55218	DIS30	Combination	14.603	0.016	7.622E-03	-6.352E-04	-0.0023
302	0.	DIS31	Combination	15.287	9.172E-03	7.986E-03	-6.653E-04	0.002
302	0.27609	DIS31	Combination	15.29	0.013	7.986E-03	-6.653E-04	-1.868E-04
302	0.55218	DIS31	Combination	15.292	0.017	7.986E-03	-6.653E-04	-0.0024

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
302	0.	DIS32	Combination	7.073	2.200E-03	3.646E-03	-3.068E-04	9.303E-04
302	0.27609	DIS32	Combination	7.075	5.873E-03	3.646E-03	-3.068E-04	-7.630E-05
302	0.55218	DIS32	Combination	7.078	9.545E-03	3.646E-03	-3.068E-04	-0.0011
302	0.	DIS33	Combination	7.073	2.200E-03	3.646E-03	-3.068E-04	9.303E-04
302	0.27609	DIS33	Combination	7.075	5.873E-03	3.646E-03	-3.068E-04	-7.630E-05
302	0.55218	DIS33	Combination	7.078	9.545E-03	3.646E-03	-3.068E-04	-0.0011
302	0.	DIS34	Combination	7.761	2.785E-03	4.010E-03	-3.368E-04	0.001
302	0.27609	DIS34	Combination	7.764	6.457E-03	4.010E-03	-3.368E-04	-8.556E-05
302	0.55218	DIS34	Combination	7.767	0.01	4.010E-03	-3.368E-04	-0.0012
302	0.	DIS35	Combination	7.073	2.200E-03	3.646E-03	-3.068E-04	9.303E-04
302	0.27609	DIS35	Combination	7.075	5.873E-03	3.646E-03	-3.068E-04	-7.630E-05
302	0.55218	DIS35	Combination	7.078	9.545E-03	3.646E-03	-3.068E-04	-0.0011
302	0.	DIS36	Combination	7.073	2.200E-03	3.646E-03	-3.068E-04	9.303E-04
302	0.27609	DIS36	Combination	7.075	5.873E-03	3.646E-03	-3.068E-04	-7.630E-05
302	0.55218	DIS36	Combination	7.078	9.545E-03	3.646E-03	-3.068E-04	-0.0011
302	0.	DIS37	Combination	7.761	2.785E-03	4.010E-03	-3.368E-04	0.001
302	0.27609	DIS37	Combination	7.764	6.457E-03	4.010E-03	-3.368E-04	-8.556E-05
302	0.55218	DIS37	Combination	7.767	0.01	4.010E-03	-3.368E-04	-0.0012
302	0.	DIS38	Combination	10.749	5.320E-03	5.588E-03	-4.672E-04	0.0014
302	0.27609	DIS38	Combination	10.752	8.993E-03	5.588E-03	-4.672E-04	-1.257E-04
302	0.55218	DIS38	Combination	10.754	0.013	5.588E-03	-4.672E-04	-0.0017
302	0.	DIS39	Combination	10.749	5.320E-03	5.588E-03	-4.672E-04	0.0014
302	0.27609	DIS39	Combination	10.752	8.993E-03	5.588E-03	-4.672E-04	-1.257E-04
302	0.55218	DIS39	Combination	10.754	0.013	5.588E-03	-4.672E-04	-0.0017
302	0.	DIS40	Combination	12.074	6.445E-03	6.288E-03	-5.251E-04	0.0016
302	0.27609	DIS40	Combination	12.076	0.01	6.288E-03	-5.251E-04	-1.435E-04
302	0.55218	DIS40	Combination	12.079	0.014	6.288E-03	-5.251E-04	-0.0019
302	0.	DIS41	Combination	8.397	3.324E-03	4.346E-03	-3.646E-04	0.0011
302	0.27609	DIS41	Combination	8.4	6.997E-03	4.346E-03	-3.646E-04	-9.411E-05
302	0.55218	DIS41	Combination	8.403	0.011	4.346E-03	-3.646E-04	-0.0013
302	0.	DIS42	Combination	8.397	3.324E-03	4.346E-03	-3.646E-04	0.0011
302	0.27609	DIS42	Combination	8.4	6.997E-03	4.346E-03	-3.646E-04	-9.411E-05
302	0.55218	DIS42	Combination	8.403	0.011	4.346E-03	-3.646E-04	-0.0013
302	0.	DIS43	Combination	9.722	4.449E-03	5.046E-03	-4.224E-04	0.0013
302	0.27609	DIS43	Combination	9.725	8.121E-03	5.046E-03	-4.224E-04	-1.119E-04
302	0.55218	DIS43	Combination	9.727	0.012	5.046E-03	-4.224E-04	-0.0015
302	0.	DIS44	Combination	8.397	3.324E-03	4.346E-03	-3.646E-04	0.0011
302	0.27609	DIS44	Combination	8.4	6.997E-03	4.346E-03	-3.646E-04	-9.411E-05
302	0.55218	DIS44	Combination	8.403	0.011	4.346E-03	-3.646E-04	-0.0013
302	0.	DIS45	Combination	8.397	3.324E-03	4.346E-03	-3.646E-04	0.0011
302	0.27609	DIS45	Combination	8.4	6.997E-03	4.346E-03	-3.646E-04	-9.411E-05
302	0.55218	DIS45	Combination	8.403	0.011	4.346E-03	-3.646E-04	-0.0013
302	0.	DIS46	Combination	9.722	4.449E-03	5.046E-03	-4.224E-04	0.0013
302	0.27609	DIS46	Combination	9.725	8.121E-03	5.046E-03	-4.224E-04	-1.119E-04
302	0.55218	DIS46	Combination	9.727	0.012	5.046E-03	-4.224E-04	-0.0015
302	0.	DIS47	Combination	5.746	1.075E-03	2.946E-03	-2.491E-04	7.550E-04
302	0.27609	DIS47	Combination	5.749	4.743E-03	2.946E-03	-2.491E-04	-5.831E-05
302	0.55218	DIS47	Combination	5.752	8.410E-03	2.946E-03	-2.491E-04	-8.716E-04
302	0.	DIS48	Combination	5.75	1.076E-03	2.946E-03	-2.487E-04	7.547E-04
302	0.27609	DIS48	Combination	5.752	4.754E-03	2.946E-03	-2.487E-04	-5.866E-05
302	0.55218	DIS48	Combination	5.755	8.432E-03	2.946E-03	-2.487E-04	-8.720E-04
302	0.	DIS49	Combination	5.722	1.628E-03	2.946E-03	-1.025E-04	7.549E-04
302	0.27609	DIS49	Combination	5.725	5.300E-03	2.937E-03	-1.025E-04	-5.724E-05
302	0.55218	DIS49	Combination	5.727	8.973E-03	2.928E-03	-1.025E-04	-8.669E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
302	0.	DIS50	Combination	5.774	5.239E-04	2.946E-03	-3.954E-04	7.549E-04
302	0.27609	DIS50	Combination	5.776	4.197E-03	2.955E-03	-3.954E-04	-5.973E-05
302	0.55218	DIS50	Combination	5.779	7.869E-03	2.964E-03	-3.954E-04	-8.768E-04
302	0.	DIS51	Combination	6.96	3.055E-03	3.609E-03	-3.023E-04	9.170E-04
302	0.27609	DIS51	Combination	6.962	5.810E-03	3.609E-03	-3.023E-04	-7.949E-05
302	0.55218	DIS51	Combination	6.964	8.564E-03	3.609E-03	-3.023E-04	-0.0011
302	0.	DIS52	Combination	6.96	3.055E-03	3.609E-03	-3.023E-04	9.170E-04
302	0.27609	DIS52	Combination	6.962	5.810E-03	3.609E-03	-3.023E-04	-7.949E-05
302	0.55218	DIS52	Combination	6.964	8.564E-03	3.609E-03	-3.023E-04	-0.0011
302	0.	DIS53	Combination	8.285	4.180E-03	4.309E-03	-3.602E-04	0.0011
302	0.27609	DIS53	Combination	8.287	6.934E-03	4.309E-03	-3.602E-04	-9.730E-05
302	0.55218	DIS53	Combination	8.289	9.689E-03	4.309E-03	-3.602E-04	-0.0013
302	0.	DIS54	Combination	4.31	8.064E-04	2.209E-03	-1.868E-04	5.663E-04
302	0.27609	DIS54	Combination	4.312	3.557E-03	2.209E-03	-1.868E-04	-4.373E-05
302	0.55218	DIS54	Combination	4.314	6.308E-03	2.209E-03	-1.868E-04	-6.537E-04
302	0.	DIS55	Combination	4.312	8.072E-04	2.210E-03	-1.866E-04	5.660E-04
302	0.27609	DIS55	Combination	4.314	3.566E-03	2.210E-03	-1.866E-04	-4.400E-05
302	0.55218	DIS55	Combination	4.316	6.324E-03	2.210E-03	-1.866E-04	-6.540E-04
302	0.	DIS56	Combination	4.292	1.221E-03	2.209E-03	-7.684E-05	5.661E-04
302	0.27609	DIS56	Combination	4.294	3.975E-03	2.203E-03	-7.684E-05	-4.293E-05
302	0.55218	DIS56	Combination	4.296	6.730E-03	2.196E-03	-7.684E-05	-6.501E-04
302	0.	DIS57	Combination	4.33	3.930E-04	2.209E-03	-2.966E-04	5.661E-04
302	0.27609	DIS57	Combination	4.332	3.147E-03	2.216E-03	-2.966E-04	-4.480E-05
302	0.55218	DIS57	Combination	4.334	5.902E-03	2.223E-03	-2.966E-04	-6.576E-04
303	0.	DEAD	LinStatic	-4.765	-1.067E-03	3.420E-04	3.700E-04	-3.127E-04
303	0.27609	DEAD	LinStatic	-4.763	1.994E-03	3.420E-04	3.700E-04	-4.071E-04
303	0.55218	DEAD	LinStatic	-4.761	5.054E-03	3.420E-04	3.700E-04	-5.016E-04
303	0.	L	LinStatic	0.	0.	0.	0.	0.
303	0.27609	L	LinStatic	0.	0.	0.	0.	0.
303	0.55218	L	LinStatic	0.	0.	0.	0.	0.
303	0.	Lr	LinStatic	-4.716	2.015E-03	3.262E-04	3.661E-04	-3.123E-04
303	0.27609	Lr	LinStatic	-4.716	2.015E-03	3.262E-04	3.661E-04	-4.024E-04
303	0.55218	Lr	LinStatic	-4.716	2.015E-03	3.262E-04	3.661E-04	-4.924E-04
303	0.	G	LinStatic	0.	0.	0.	0.	0.
303	0.27609	G	LinStatic	0.	0.	0.	0.	0.
303	0.55218	G	LinStatic	0.	0.	0.	0.	0.
303	0.	Le	LinStatic	0.	0.	0.	0.	0.
303	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
303	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
303	0.	Wx	LinStatic	-2.656	1.135E-03	1.837E-04	2.062E-04	-1.759E-04
303	0.27609	Wx	LinStatic	-2.656	1.135E-03	1.837E-04	2.062E-04	-2.267E-04
303	0.55218	Wx	LinStatic	-2.656	1.135E-03	1.837E-04	2.062E-04	-2.774E-04
303	0.	Wy	LinStatic	-2.656	1.135E-03	1.837E-04	2.062E-04	-1.759E-04
303	0.27609	Wy	LinStatic	-2.656	1.135E-03	1.837E-04	2.062E-04	-2.267E-04
303	0.55218	Wy	LinStatic	-2.656	1.135E-03	1.837E-04	2.062E-04	-2.774E-04
303	0.	CFx D	LinStatic	1.349E-03	-8.713E-06	-2.093E-07	1.285E-07	-2.826E-07
303	0.27609	CFx D	LinStatic	1.343E-03	-4.361E-06	-2.093E-07	1.285E-07	-2.248E-07
303	0.55218	CFx D	LinStatic	1.337E-03	-7.802E-09	-2.093E-07	1.285E-07	-1.670E-07
303	0.	CFy D	LinStatic	0.024	-2.653E-04	-1.953E-03	-1.221E-04	7.324E-04
303	0.27609	CFy D	LinStatic	0.024	-2.653E-04	-1.946E-03	-1.221E-04	0.0013
303	0.55218	CFy D	LinStatic	0.024	-2.653E-04	-1.938E-03	-1.221E-04	0.0018
303	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
303	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
303	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
303	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
303	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
303	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
303	0.	CFx Lr	LinStatic	1.352E-03	-4.306E-06	-2.062E-07	1.165E-07	-2.734E-07
303	0.27609	CFx Lr	LinStatic	1.352E-03	-4.306E-06	-2.062E-07	1.165E-07	-2.165E-07
303	0.55218	CFx Lr	LinStatic	1.352E-03	-4.306E-06	-2.062E-07	1.165E-07	-1.595E-07
303	0.	CFy Lr	LinStatic	0.024	-2.090E-04	-9.766E-04	-3.052E-04	7.324E-04
303	0.27609	CFy Lr	LinStatic	0.024	-2.090E-04	-9.766E-04	-3.052E-04	0.001
303	0.55218	CFy Lr	LinStatic	0.024	-2.090E-04	-9.766E-04	-3.052E-04	0.0013
303	0.	DIS01	Combination	-6.669	-1.506E-03	4.785E-04	5.182E-04	-4.382E-04
303	0.27609	DIS01	Combination	-6.666	2.785E-03	4.785E-04	5.182E-04	-5.703E-04
303	0.55218	DIS01	Combination	-6.663	7.076E-03	4.785E-04	5.182E-04	-7.024E-04
303	0.	DIS02	Combination	-6.673	-1.481E-03	4.791E-04	5.179E-04	-4.374E-04
303	0.27609	DIS02	Combination	-6.67	2.797E-03	4.791E-04	5.179E-04	-5.697E-04
303	0.55218	DIS02	Combination	-6.667	7.076E-03	4.791E-04	5.179E-04	-7.020E-04
303	0.	DIS03	Combination	-6.638	-1.865E-03	-2.256E-03	3.471E-04	5.876E-04
303	0.27609	DIS03	Combination	-6.635	2.420E-03	-2.245E-03	3.471E-04	0.0012
303	0.55218	DIS03	Combination	-6.632	6.704E-03	-2.235E-03	3.471E-04	0.0018
303	0.	DIS04	Combination	-6.704	-1.122E-03	3.213E-03	6.889E-04	-0.0015
303	0.27609	DIS04	Combination	-6.701	3.163E-03	3.203E-03	6.889E-04	-0.0023
303	0.55218	DIS04	Combination	-6.698	7.447E-03	3.192E-03	6.889E-04	-0.0032
303	0.	DIS05	Combination	-8.074	-2.852E-04	5.731E-04	6.273E-04	-5.319E-04
303	0.27609	DIS05	Combination	-8.071	3.393E-03	5.731E-04	6.273E-04	-6.901E-04
303	0.55218	DIS05	Combination	-8.068	7.070E-03	5.731E-04	6.273E-04	-8.484E-04
303	0.	DIS06	Combination	-8.078	-2.600E-04	5.738E-04	6.269E-04	-5.310E-04
303	0.27609	DIS06	Combination	-8.076	3.407E-03	5.738E-04	6.269E-04	-6.894E-04
303	0.55218	DIS06	Combination	-8.073	7.075E-03	5.738E-04	6.269E-04	-8.478E-04
303	0.	DIS07	Combination	-8.036	-6.955E-04	-2.259E-03	3.280E-04	7.137E-04
303	0.27609	DIS07	Combination	-8.033	2.977E-03	-2.250E-03	3.280E-04	0.0013
303	0.55218	DIS07	Combination	-8.031	6.650E-03	-2.241E-03	3.280E-04	0.002
303	0.	DIS08	Combination	-8.116	1.503E-04	3.406E-03	9.262E-04	-0.0018
303	0.27609	DIS08	Combination	-8.114	3.823E-03	3.397E-03	9.262E-04	-0.0027
303	0.55218	DIS08	Combination	-8.111	7.495E-03	3.388E-03	9.262E-04	-0.0037
303	0.	DIS09	Combination	-5.716	-1.291E-03	4.102E-04	4.442E-04	-3.756E-04
303	0.27609	DIS09	Combination	-5.714	2.387E-03	4.102E-04	4.442E-04	-4.888E-04
303	0.55218	DIS09	Combination	-5.711	6.065E-03	4.102E-04	4.442E-04	-6.021E-04
303	0.	DIS10	Combination	-5.72	-1.270E-03	4.107E-04	4.439E-04	-3.749E-04
303	0.27609	DIS10	Combination	-5.717	2.398E-03	4.107E-04	4.439E-04	-4.883E-04
303	0.55218	DIS10	Combination	-5.714	6.065E-03	4.107E-04	4.439E-04	-6.017E-04
303	0.	DIS11	Combination	-5.69	-1.598E-03	-1.933E-03	2.976E-04	5.037E-04
303	0.27609	DIS11	Combination	-5.687	2.074E-03	-1.924E-03	2.976E-04	0.001
303	0.55218	DIS11	Combination	-5.685	5.747E-03	-1.915E-03	2.976E-04	0.0016
303	0.	DIS12	Combination	-5.746	-9.617E-04	2.754E-03	5.905E-04	-0.0013
303	0.27609	DIS12	Combination	-5.744	2.711E-03	2.745E-03	5.905E-04	-0.002
303	0.55218	DIS12	Combination	-5.741	6.383E-03	2.736E-03	5.905E-04	-0.0028
303	0.	DIS13	Combination	-5.716	-1.291E-03	4.102E-04	4.442E-04	-3.756E-04
303	0.27609	DIS13	Combination	-5.714	2.387E-03	4.102E-04	4.442E-04	-4.888E-04
303	0.55218	DIS13	Combination	-5.711	6.065E-03	4.102E-04	4.442E-04	-6.021E-04
303	0.	DIS14	Combination	-5.72	-1.270E-03	4.107E-04	4.439E-04	-3.749E-04
303	0.27609	DIS14	Combination	-5.717	2.398E-03	4.107E-04	4.439E-04	-4.883E-04
303	0.55218	DIS14	Combination	-5.714	6.065E-03	4.107E-04	4.439E-04	-6.017E-04
303	0.	DIS15	Combination	-5.69	-1.598E-03	-1.933E-03	2.976E-04	5.037E-04
303	0.27609	DIS15	Combination	-5.687	2.074E-03	-1.924E-03	2.976E-04	0.001
303	0.55218	DIS15	Combination	-5.685	5.747E-03	-1.915E-03	2.976E-04	0.0016

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
303	0.	DIS16	Combination	-5.746	-9.617E-04	2.754E-03	5.905E-04	-0.0013
303	0.27609	DIS16	Combination	-5.744	2.711E-03	2.745E-03	5.905E-04	-0.002
303	0.55218	DIS16	Combination	-5.741	6.383E-03	2.736E-03	5.905E-04	-0.0028
303	0.	DIS17	Combination	-13.259	1.927E-03	9.317E-04	0.001	-8.758E-04
303	0.27609	DIS17	Combination	-13.257	5.604E-03	9.317E-04	0.001	-0.0011
303	0.55218	DIS17	Combination	-13.254	9.282E-03	9.317E-04	0.001	-0.0014
303	0.	DIS18	Combination	-13.267	1.961E-03	9.329E-04	0.001	-8.742E-04
303	0.27609	DIS18	Combination	-13.264	5.629E-03	9.329E-04	0.001	-0.0011
303	0.55218	DIS18	Combination	-13.262	9.296E-03	9.329E-04	0.001	-0.0014
303	0.	DIS19	Combination	-13.197	1.291E-03	-2.974E-03	3.951E-04	0.0012
303	0.27609	DIS19	Combination	-13.194	4.964E-03	-2.965E-03	3.951E-04	0.002
303	0.55218	DIS19	Combination	-13.191	8.636E-03	-2.956E-03	3.951E-04	0.0028
303	0.	DIS20	Combination	-13.33	2.597E-03	4.839E-03	0.0017	-0.0029
303	0.27609	DIS20	Combination	-13.327	6.269E-03	4.830E-03	0.0017	-0.0043
303	0.55218	DIS20	Combination	-13.325	9.942E-03	4.820E-03	0.0017	-0.0056
303	0.	DIS21	Combination	-5.716	-1.291E-03	4.102E-04	4.442E-04	-3.756E-04
303	0.27609	DIS21	Combination	-5.714	2.387E-03	4.102E-04	4.442E-04	-4.888E-04
303	0.55218	DIS21	Combination	-5.711	6.065E-03	4.102E-04	4.442E-04	-6.021E-04
303	0.	DIS22	Combination	-5.72	-1.270E-03	4.107E-04	4.439E-04	-3.749E-04
303	0.27609	DIS22	Combination	-5.717	2.398E-03	4.107E-04	4.439E-04	-4.883E-04
303	0.55218	DIS22	Combination	-5.714	6.065E-03	4.107E-04	4.439E-04	-6.017E-04
303	0.	DIS23	Combination	-5.69	-1.598E-03	-1.933E-03	2.976E-04	5.037E-04
303	0.27609	DIS23	Combination	-5.687	2.074E-03	-1.924E-03	2.976E-04	0.001
303	0.55218	DIS23	Combination	-5.685	5.747E-03	-1.915E-03	2.976E-04	0.0016
303	0.	DIS24	Combination	-5.746	-9.617E-04	2.754E-03	5.905E-04	-0.0013
303	0.27609	DIS24	Combination	-5.744	2.711E-03	2.745E-03	5.905E-04	-0.002
303	0.55218	DIS24	Combination	-5.741	6.383E-03	2.736E-03	5.905E-04	-0.0028
303	0.	DIS25	Combination	-5.716	-1.291E-03	4.102E-04	4.442E-04	-3.756E-04
303	0.27609	DIS25	Combination	-5.714	2.387E-03	4.102E-04	4.442E-04	-4.888E-04
303	0.55218	DIS25	Combination	-5.711	6.065E-03	4.102E-04	4.442E-04	-6.021E-04
303	0.	DIS26	Combination	-5.72	-1.270E-03	4.107E-04	4.439E-04	-3.749E-04
303	0.27609	DIS26	Combination	-5.717	2.398E-03	4.107E-04	4.439E-04	-4.883E-04
303	0.55218	DIS26	Combination	-5.714	6.065E-03	4.107E-04	4.439E-04	-6.017E-04
303	0.	DIS27	Combination	-5.69	-1.598E-03	-1.933E-03	2.976E-04	5.037E-04
303	0.27609	DIS27	Combination	-5.687	2.074E-03	-1.924E-03	2.976E-04	0.001
303	0.55218	DIS27	Combination	-5.685	5.747E-03	-1.915E-03	2.976E-04	0.0016
303	0.	DIS28	Combination	-5.746	-9.617E-04	2.754E-03	5.905E-04	-0.0013
303	0.27609	DIS28	Combination	-5.744	2.711E-03	2.745E-03	5.905E-04	-0.002
303	0.55218	DIS28	Combination	-5.741	6.383E-03	2.736E-03	5.905E-04	-0.0028
303	0.	DIS29	Combination	-14.591	2.511E-03	1.024E-03	0.0011	-9.630E-04
303	0.27609	DIS29	Combination	-14.589	6.184E-03	1.024E-03	0.0011	-0.0012
303	0.55218	DIS29	Combination	-14.586	9.857E-03	1.024E-03	0.0011	-0.0015
303	0.	DIS30	Combination	-14.591	2.511E-03	1.024E-03	0.0011	-9.630E-04
303	0.27609	DIS30	Combination	-14.589	6.184E-03	1.024E-03	0.0011	-0.0012
303	0.55218	DIS30	Combination	-14.586	9.857E-03	1.024E-03	0.0011	-0.0015
303	0.	DIS31	Combination	-15.282	2.807E-03	1.072E-03	0.0012	-0.001
303	0.27609	DIS31	Combination	-15.279	6.479E-03	1.072E-03	0.0012	-0.0013
303	0.55218	DIS31	Combination	-15.277	0.01	1.072E-03	0.0012	-0.0016
303	0.	DIS32	Combination	-7.046	-7.126E-04	5.023E-04	5.472E-04	-4.632E-04
303	0.27609	DIS32	Combination	-7.044	2.960E-03	5.023E-04	5.472E-04	-6.019E-04
303	0.55218	DIS32	Combination	-7.041	6.633E-03	5.023E-04	5.472E-04	-7.406E-04
303	0.	DIS33	Combination	-7.046	-7.126E-04	5.023E-04	5.472E-04	-4.632E-04
303	0.27609	DIS33	Combination	-7.044	2.960E-03	5.023E-04	5.472E-04	-6.019E-04
303	0.55218	DIS33	Combination	-7.041	6.633E-03	5.023E-04	5.472E-04	-7.406E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
303	0.	DIS34	Combination	-7.737	-4.175E-04	5.500E-04	6.008E-04	-5.090E-04
303	0.27609	DIS34	Combination	-7.734	3.255E-03	5.500E-04	6.008E-04	-6.608E-04
303	0.55218	DIS34	Combination	-7.732	6.928E-03	5.500E-04	6.008E-04	-8.127E-04
303	0.	DIS35	Combination	-7.046	-7.126E-04	5.023E-04	5.472E-04	-4.632E-04
303	0.27609	DIS35	Combination	-7.044	2.960E-03	5.023E-04	5.472E-04	-6.019E-04
303	0.55218	DIS35	Combination	-7.041	6.633E-03	5.023E-04	5.472E-04	-7.406E-04
303	0.	DIS36	Combination	-7.046	-7.126E-04	5.023E-04	5.472E-04	-4.632E-04
303	0.27609	DIS36	Combination	-7.044	2.960E-03	5.023E-04	5.472E-04	-6.019E-04
303	0.55218	DIS36	Combination	-7.041	6.633E-03	5.023E-04	5.472E-04	-7.406E-04
303	0.	DIS37	Combination	-7.737	-4.175E-04	5.500E-04	6.008E-04	-5.090E-04
303	0.27609	DIS37	Combination	-7.734	3.255E-03	5.500E-04	6.008E-04	-6.608E-04
303	0.55218	DIS37	Combination	-7.732	6.928E-03	5.500E-04	6.008E-04	-8.127E-04
303	0.	DIS38	Combination	-10.732	8.624E-04	7.572E-04	8.333E-04	-7.074E-04
303	0.27609	DIS38	Combination	-10.73	4.535E-03	7.572E-04	8.333E-04	-9.164E-04
303	0.55218	DIS38	Combination	-10.727	8.208E-03	7.572E-04	8.333E-04	-0.0011
303	0.	DIS39	Combination	-10.732	8.624E-04	7.572E-04	8.333E-04	-7.074E-04
303	0.27609	DIS39	Combination	-10.73	4.535E-03	7.572E-04	8.333E-04	-9.164E-04
303	0.55218	DIS39	Combination	-10.727	8.208E-03	7.572E-04	8.333E-04	-0.0011
303	0.	DIS40	Combination	-12.06	1.430E-03	8.491E-04	9.364E-04	-7.953E-04
303	0.27609	DIS40	Combination	-12.058	5.102E-03	8.491E-04	9.364E-04	-0.001
303	0.55218	DIS40	Combination	-12.055	8.775E-03	8.491E-04	9.364E-04	-0.0013
303	0.	DIS41	Combination	-8.374	-1.451E-04	5.941E-04	6.503E-04	-5.512E-04
303	0.27609	DIS41	Combination	-8.372	3.527E-03	5.941E-04	6.503E-04	-7.152E-04
303	0.55218	DIS41	Combination	-8.369	7.200E-03	5.941E-04	6.503E-04	-8.793E-04
303	0.	DIS42	Combination	-8.374	-1.451E-04	5.941E-04	6.503E-04	-5.512E-04
303	0.27609	DIS42	Combination	-8.372	3.527E-03	5.941E-04	6.503E-04	-7.152E-04
303	0.55218	DIS42	Combination	-8.369	7.200E-03	5.941E-04	6.503E-04	-8.793E-04
303	0.	DIS43	Combination	-9.702	4.224E-04	6.860E-04	7.534E-04	-6.392E-04
303	0.27609	DIS43	Combination	-9.7	4.095E-03	6.860E-04	7.534E-04	-8.285E-04
303	0.55218	DIS43	Combination	-9.697	7.768E-03	6.860E-04	7.534E-04	-0.001
303	0.	DIS44	Combination	-8.374	-1.451E-04	5.941E-04	6.503E-04	-5.512E-04
303	0.27609	DIS44	Combination	-8.372	3.527E-03	5.941E-04	6.503E-04	-7.152E-04
303	0.55218	DIS44	Combination	-8.369	7.200E-03	5.941E-04	6.503E-04	-8.793E-04
303	0.	DIS45	Combination	-8.374	-1.451E-04	5.941E-04	6.503E-04	-5.512E-04
303	0.27609	DIS45	Combination	-8.372	3.527E-03	5.941E-04	6.503E-04	-7.152E-04
303	0.55218	DIS45	Combination	-8.369	7.200E-03	5.941E-04	6.503E-04	-8.793E-04
303	0.	DIS46	Combination	-9.702	4.224E-04	6.860E-04	7.534E-04	-6.392E-04
303	0.27609	DIS46	Combination	-9.7	4.095E-03	6.860E-04	7.534E-04	-8.285E-04
303	0.55218	DIS46	Combination	-9.697	7.768E-03	6.860E-04	7.534E-04	-0.001
303	0.	DIS47	Combination	-5.716	-1.291E-03	4.102E-04	4.442E-04	-3.756E-04
303	0.27609	DIS47	Combination	-5.714	2.387E-03	4.102E-04	4.442E-04	-4.888E-04
303	0.55218	DIS47	Combination	-5.711	6.065E-03	4.102E-04	4.442E-04	-6.021E-04
303	0.	DIS48	Combination	-5.72	-1.270E-03	4.107E-04	4.439E-04	-3.749E-04
303	0.27609	DIS48	Combination	-5.717	2.398E-03	4.107E-04	4.439E-04	-4.883E-04
303	0.55218	DIS48	Combination	-5.714	6.065E-03	4.107E-04	4.439E-04	-6.017E-04
303	0.	DIS49	Combination	-5.69	-1.598E-03	-1.933E-03	2.976E-04	5.037E-04
303	0.27609	DIS49	Combination	-5.687	2.074E-03	-1.924E-03	2.976E-04	0.001
303	0.55218	DIS49	Combination	-5.685	5.747E-03	-1.915E-03	2.976E-04	0.0016
303	0.	DIS50	Combination	-5.746	-9.617E-04	2.754E-03	5.905E-04	-0.0013
303	0.27609	DIS50	Combination	-5.744	2.711E-03	2.745E-03	5.905E-04	-0.002
303	0.55218	DIS50	Combination	-5.741	6.383E-03	2.736E-03	5.905E-04	-0.0028
303	0.	DIS51	Combination	-6.945	1.749E-04	4.915E-04	5.393E-04	-4.574E-04
303	0.27609	DIS51	Combination	-6.943	2.929E-03	4.915E-04	5.393E-04	-5.931E-04
303	0.55218	DIS51	Combination	-6.941	5.684E-03	4.915E-04	5.393E-04	-7.288E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
303	0.	DIS52	Combination	-6.945	1.749E-04	4.915E-04	5.393E-04	-4.574E-04
303	0.27609	DIS52	Combination	-6.943	2.929E-03	4.915E-04	5.393E-04	-5.931E-04
303	0.55218	DIS52	Combination	-6.941	5.684E-03	4.915E-04	5.393E-04	-7.288E-04
303	0.	DIS53	Combination	-8.273	7.424E-04	5.834E-04	6.424E-04	-5.453E-04
303	0.27609	DIS53	Combination	-8.271	3.497E-03	5.834E-04	6.424E-04	-7.064E-04
303	0.55218	DIS53	Combination	-8.269	6.251E-03	5.834E-04	6.424E-04	-8.675E-04
303	0.	DIS54	Combination	-4.287	-9.679E-04	3.076E-04	3.331E-04	-2.817E-04
303	0.27609	DIS54	Combination	-4.285	1.790E-03	3.076E-04	3.331E-04	-3.666E-04
303	0.55218	DIS54	Combination	-4.283	4.549E-03	3.076E-04	3.331E-04	-4.516E-04
303	0.	DIS55	Combination	-4.29	-9.522E-04	3.080E-04	3.329E-04	-2.812E-04
303	0.27609	DIS55	Combination	-4.288	1.798E-03	3.080E-04	3.329E-04	-3.662E-04
303	0.55218	DIS55	Combination	-4.286	4.549E-03	3.080E-04	3.329E-04	-4.513E-04
303	0.	DIS56	Combination	-4.267	-1.199E-03	-1.450E-03	2.232E-04	3.777E-04
303	0.27609	DIS56	Combination	-4.265	1.556E-03	-1.443E-03	2.232E-04	7.771E-04
303	0.55218	DIS56	Combination	-4.263	4.310E-03	-1.436E-03	2.232E-04	0.0012
303	0.	DIS57	Combination	-4.31	-7.213E-04	2.066E-03	4.429E-04	-9.406E-04
303	0.27609	DIS57	Combination	-4.308	2.033E-03	2.059E-03	4.429E-04	-0.0015
303	0.55218	DIS57	Combination	-4.306	4.788E-03	2.052E-03	4.429E-04	-0.0021
304	0.	DEAD	LinStatic	2.907	-5.522E-03	-9.143E-05	-4.224E-04	5.511E-04
304	0.27609	DEAD	LinStatic	2.91	-2.462E-03	-9.143E-05	-4.224E-04	5.764E-04
304	0.55218	DEAD	LinStatic	2.912	5.988E-04	-9.143E-05	-4.224E-04	6.016E-04
304	0.	L	LinStatic	0.	0.	0.	0.	0.
304	0.27609	L	LinStatic	0.	0.	0.	0.	0.
304	0.55218	L	LinStatic	0.	0.	0.	0.	0.
304	0.	Lr	LinStatic	2.849	-2.468E-03	-9.855E-05	-4.170E-04	5.424E-04
304	0.27609	Lr	LinStatic	2.849	-2.468E-03	-9.855E-05	-4.170E-04	5.696E-04
304	0.55218	Lr	LinStatic	2.849	-2.468E-03	-9.855E-05	-4.170E-04	5.968E-04
304	0.	G	LinStatic	0.	0.	0.	0.	0.
304	0.27609	G	LinStatic	0.	0.	0.	0.	0.
304	0.55218	G	LinStatic	0.	0.	0.	0.	0.
304	0.	Le	LinStatic	0.	0.	0.	0.	0.
304	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
304	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
304	0.	Wx	LinStatic	1.605	-1.390E-03	-5.551E-05	-2.349E-04	3.055E-04
304	0.27609	Wx	LinStatic	1.605	-1.390E-03	-5.551E-05	-2.349E-04	3.208E-04
304	0.55218	Wx	LinStatic	1.605	-1.390E-03	-5.551E-05	-2.349E-04	3.361E-04
304	0.	Wy	LinStatic	1.605	-1.390E-03	-5.551E-05	-2.349E-04	3.055E-04
304	0.27609	Wy	LinStatic	1.605	-1.390E-03	-5.551E-05	-2.349E-04	3.208E-04
304	0.55218	Wy	LinStatic	1.605	-1.390E-03	-5.551E-05	-2.349E-04	3.361E-04
304	0.	CFx D	LinStatic	-1.341E-03	1.100E-06	-1.854E-08	-1.074E-07	1.453E-07
304	0.27609	CFx D	LinStatic	-1.335E-03	-3.253E-06	-1.854E-08	-1.074E-07	1.504E-07
304	0.55218	CFx D	LinStatic	-1.329E-03	-7.605E-06	-1.854E-08	-1.074E-07	1.555E-07
304	0.	CFy D	LinStatic	-0.018	2.261E-04	-9.766E-04	7.935E-04	2.441E-04
304	0.27609	CFy D	LinStatic	-0.018	2.261E-04	-9.841E-04	7.935E-04	5.148E-04
304	0.55218	CFy D	LinStatic	-0.018	2.261E-04	-9.916E-04	7.935E-04	7.875E-04
304	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
304	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
304	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
304	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
304	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
304	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
304	0.	CFx Lr	LinStatic	-1.344E-03	-3.199E-06	-1.949E-08	-1.160E-07	1.475E-07
304	0.27609	CFx Lr	LinStatic	-1.344E-03	-3.199E-06	-1.949E-08	-1.160E-07	1.529E-07
304	0.55218	CFx Lr	LinStatic	-1.344E-03	-3.199E-06	-1.949E-08	-1.160E-07	1.583E-07

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
304	0.	CFy Lr	LinStatic	-0.017	2.242E-04	0.	0.0011	0.
304	0.27609	CFy Lr	LinStatic	-0.017	2.242E-04	0.	0.0011	0.
304	0.55218	CFy Lr	LinStatic	-0.017	2.242E-04	0.	0.0011	0.
304	0.	DIS01	Combination	4.069	-7.730E-03	-1.280E-04	-5.914E-04	7.718E-04
304	0.27609	DIS01	Combination	4.072	-3.451E-03	-1.280E-04	-5.914E-04	8.071E-04
304	0.55218	DIS01	Combination	4.075	8.277E-04	-1.280E-04	-5.914E-04	8.425E-04
304	0.	DIS02	Combination	4.072	-7.733E-03	-1.280E-04	-5.911E-04	7.714E-04
304	0.27609	DIS02	Combination	4.075	-3.442E-03	-1.280E-04	-5.911E-04	8.067E-04
304	0.55218	DIS02	Combination	4.078	8.490E-04	-1.280E-04	-5.911E-04	8.420E-04
304	0.	DIS03	Combination	4.045	-7.415E-03	-1.495E-03	5.195E-04	0.0011
304	0.27609	DIS03	Combination	4.048	-3.130E-03	-1.506E-03	5.195E-04	0.0015
304	0.55218	DIS03	Combination	4.051	1.155E-03	-1.516E-03	5.195E-04	0.0019
304	0.	DIS04	Combination	4.096	-8.048E-03	1.239E-03	-0.0017	4.298E-04
304	0.27609	DIS04	Combination	4.099	-3.763E-03	1.250E-03	-0.0017	8.621E-05
304	0.55218	DIS04	Combination	4.102	5.218E-04	1.260E-03	-0.0017	-2.603E-04
304	0.	DIS05	Combination	4.911	-7.861E-03	-1.590E-04	-7.155E-04	9.328E-04
304	0.27609	DIS05	Combination	4.914	-4.194E-03	-1.590E-04	-7.155E-04	9.767E-04
304	0.55218	DIS05	Combination	4.916	-5.262E-04	-1.590E-04	-7.155E-04	0.001
304	0.	DIS06	Combination	4.916	-7.860E-03	-1.590E-04	-7.151E-04	9.323E-04
304	0.27609	DIS06	Combination	4.918	-4.183E-03	-1.590E-04	-7.151E-04	9.762E-04
304	0.55218	DIS06	Combination	4.921	-5.047E-04	-1.590E-04	-7.151E-04	0.001
304	0.	DIS07	Combination	4.883	-7.477E-03	-1.331E-03	7.862E-04	0.0012
304	0.27609	DIS07	Combination	4.885	-3.805E-03	-1.340E-03	7.862E-04	0.0016
304	0.55218	DIS07	Combination	4.888	-1.320E-04	-1.349E-03	7.862E-04	0.002
304	0.	DIS08	Combination	4.944	-8.244E-03	1.013E-03	-0.0022	6.396E-04
304	0.27609	DIS08	Combination	4.947	-4.572E-03	1.022E-03	-0.0022	3.587E-04
304	0.55218	DIS08	Combination	4.95	-8.989E-04	1.031E-03	-0.0022	7.530E-05
304	0.	DIS09	Combination	3.487	-6.625E-03	-1.097E-04	-5.069E-04	6.615E-04
304	0.27609	DIS09	Combination	3.49	-2.958E-03	-1.097E-04	-5.069E-04	6.918E-04
304	0.55218	DIS09	Combination	3.493	7.094E-04	-1.097E-04	-5.069E-04	7.221E-04
304	0.	DIS10	Combination	3.491	-6.628E-03	-1.097E-04	-5.067E-04	6.612E-04
304	0.27609	DIS10	Combination	3.493	-2.950E-03	-1.097E-04	-5.067E-04	6.915E-04
304	0.55218	DIS10	Combination	3.496	7.277E-04	-1.097E-04	-5.067E-04	7.218E-04
304	0.	DIS11	Combination	3.467	-6.355E-03	-1.282E-03	4.453E-04	9.543E-04
304	0.27609	DIS11	Combination	3.469	-2.683E-03	-1.291E-03	4.453E-04	0.0013
304	0.55218	DIS11	Combination	3.472	9.899E-04	-1.300E-03	4.453E-04	0.0017
304	0.	DIS12	Combination	3.511	-6.898E-03	1.062E-03	-0.0015	3.684E-04
304	0.27609	DIS12	Combination	3.514	-3.225E-03	1.071E-03	-0.0015	7.389E-05
304	0.55218	DIS12	Combination	3.516	4.473E-04	1.080E-03	-0.0015	-2.231E-04
304	0.	DIS13	Combination	3.487	-6.625E-03	-1.097E-04	-5.069E-04	6.615E-04
304	0.27609	DIS13	Combination	3.49	-2.958E-03	-1.097E-04	-5.069E-04	6.918E-04
304	0.55218	DIS13	Combination	3.493	7.094E-04	-1.097E-04	-5.069E-04	7.221E-04
304	0.	DIS14	Combination	3.491	-6.628E-03	-1.097E-04	-5.067E-04	6.612E-04
304	0.27609	DIS14	Combination	3.493	-2.950E-03	-1.097E-04	-5.067E-04	6.915E-04
304	0.55218	DIS14	Combination	3.496	7.277E-04	-1.097E-04	-5.067E-04	7.218E-04
304	0.	DIS15	Combination	3.467	-6.355E-03	-1.282E-03	4.453E-04	9.543E-04
304	0.27609	DIS15	Combination	3.469	-2.683E-03	-1.291E-03	4.453E-04	0.0013
304	0.55218	DIS15	Combination	3.472	9.899E-04	-1.300E-03	4.453E-04	0.0017
304	0.	DIS16	Combination	3.511	-6.898E-03	1.062E-03	-0.0015	3.684E-04
304	0.27609	DIS16	Combination	3.514	-3.225E-03	1.071E-03	-0.0015	7.389E-05
304	0.55218	DIS16	Combination	3.516	4.473E-04	1.080E-03	-0.0015	-2.231E-04
304	0.	DIS17	Combination	8.044	-0.011	-2.674E-04	-0.0012	0.0015
304	0.27609	DIS17	Combination	8.046	-6.912E-03	-2.674E-04	-0.0012	0.0016
304	0.55218	DIS17	Combination	8.049	-3.245E-03	-2.674E-04	-0.0012	0.0017

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
304	0.	DIS18	Combination	8.051	-0.011	-2.673E-04	-0.0012	0.0015
304	0.27609	DIS18	Combination	8.054	-6.894E-03	-2.673E-04	-0.0012	0.0016
304	0.55218	DIS18	Combination	8.057	-3.216E-03	-2.673E-04	-0.0012	0.0017
304	0.	DIS19	Combination	7.998	-9.945E-03	-1.439E-03	0.0015	0.0018
304	0.27609	DIS19	Combination	8.	-6.273E-03	-1.448E-03	0.0015	0.0022
304	0.55218	DIS19	Combination	8.003	-2.600E-03	-1.457E-03	0.0015	0.0026
304	0.	DIS20	Combination	8.097	-0.011	9.045E-04	-0.0039	0.0012
304	0.27609	DIS20	Combination	8.1	-7.533E-03	9.135E-04	-0.0039	9.852E-04
304	0.55218	DIS20	Combination	8.103	-3.860E-03	9.225E-04	-0.0039	7.318E-04
304	0.	DIS21	Combination	3.487	-6.625E-03	-1.097E-04	-5.069E-04	6.615E-04
304	0.27609	DIS21	Combination	3.49	-2.958E-03	-1.097E-04	-5.069E-04	6.918E-04
304	0.55218	DIS21	Combination	3.493	7.094E-04	-1.097E-04	-5.069E-04	7.221E-04
304	0.	DIS22	Combination	3.491	-6.628E-03	-1.097E-04	-5.067E-04	6.612E-04
304	0.27609	DIS22	Combination	3.493	-2.950E-03	-1.097E-04	-5.067E-04	6.915E-04
304	0.55218	DIS22	Combination	3.496	7.277E-04	-1.097E-04	-5.067E-04	7.218E-04
304	0.	DIS23	Combination	3.467	-6.355E-03	-1.282E-03	4.453E-04	9.543E-04
304	0.27609	DIS23	Combination	3.469	-2.683E-03	-1.291E-03	4.453E-04	0.0013
304	0.55218	DIS23	Combination	3.472	9.899E-04	-1.300E-03	4.453E-04	0.0017
304	0.	DIS24	Combination	3.511	-6.898E-03	1.062E-03	-0.0015	3.684E-04
304	0.27609	DIS24	Combination	3.514	-3.225E-03	1.071E-03	-0.0015	7.389E-05
304	0.55218	DIS24	Combination	3.516	4.473E-04	1.080E-03	-0.0015	-2.231E-04
304	0.	DIS25	Combination	3.487	-6.625E-03	-1.097E-04	-5.069E-04	6.615E-04
304	0.27609	DIS25	Combination	3.49	-2.958E-03	-1.097E-04	-5.069E-04	6.918E-04
304	0.55218	DIS25	Combination	3.493	7.094E-04	-1.097E-04	-5.069E-04	7.221E-04
304	0.	DIS26	Combination	3.491	-6.628E-03	-1.097E-04	-5.067E-04	6.612E-04
304	0.27609	DIS26	Combination	3.493	-2.950E-03	-1.097E-04	-5.067E-04	6.915E-04
304	0.55218	DIS26	Combination	3.496	7.277E-04	-1.097E-04	-5.067E-04	7.218E-04
304	0.	DIS27	Combination	3.467	-6.355E-03	-1.282E-03	4.453E-04	9.543E-04
304	0.27609	DIS27	Combination	3.469	-2.683E-03	-1.291E-03	4.453E-04	0.0013
304	0.55218	DIS27	Combination	3.472	9.899E-04	-1.300E-03	4.453E-04	0.0017
304	0.	DIS28	Combination	3.511	-6.898E-03	1.062E-03	-0.0015	3.684E-04
304	0.27609	DIS28	Combination	3.514	-3.225E-03	1.071E-03	-0.0015	7.389E-05
304	0.55218	DIS28	Combination	3.516	4.473E-04	1.080E-03	-0.0015	-2.231E-04
304	0.	DIS29	Combination	8.85	-0.011	-2.952E-04	-0.0013	0.0017
304	0.27609	DIS29	Combination	8.853	-7.598E-03	-2.952E-04	-0.0013	0.0018
304	0.55218	DIS29	Combination	8.855	-3.925E-03	-2.952E-04	-0.0013	0.0018
304	0.	DIS30	Combination	8.85	-0.011	-2.952E-04	-0.0013	0.0017
304	0.27609	DIS30	Combination	8.853	-7.598E-03	-2.952E-04	-0.0013	0.0018
304	0.55218	DIS30	Combination	8.855	-3.925E-03	-2.952E-04	-0.0013	0.0018
304	0.	DIS31	Combination	9.267	-0.012	-3.096E-04	-0.0014	0.0018
304	0.27609	DIS31	Combination	9.27	-7.960E-03	-3.096E-04	-0.0014	0.0018
304	0.55218	DIS31	Combination	9.272	-4.287E-03	-3.096E-04	-0.0014	0.0019
304	0.	DIS32	Combination	4.291	-7.322E-03	-1.375E-04	-6.242E-04	8.141E-04
304	0.27609	DIS32	Combination	4.294	-3.649E-03	-1.375E-04	-6.242E-04	8.521E-04
304	0.55218	DIS32	Combination	4.297	2.348E-05	-1.375E-04	-6.242E-04	8.900E-04
304	0.	DIS33	Combination	4.291	-7.322E-03	-1.375E-04	-6.242E-04	8.141E-04
304	0.27609	DIS33	Combination	4.294	-3.649E-03	-1.375E-04	-6.242E-04	8.521E-04
304	0.55218	DIS33	Combination	4.297	2.348E-05	-1.375E-04	-6.242E-04	8.900E-04
304	0.	DIS34	Combination	4.709	-7.683E-03	-1.519E-04	-6.853E-04	8.935E-04
304	0.27609	DIS34	Combination	4.711	-4.011E-03	-1.519E-04	-6.853E-04	9.355E-04
304	0.55218	DIS34	Combination	4.714	-3.380E-04	-1.519E-04	-6.853E-04	9.774E-04
304	0.	DIS35	Combination	4.291	-7.322E-03	-1.375E-04	-6.242E-04	8.141E-04
304	0.27609	DIS35	Combination	4.294	-3.649E-03	-1.375E-04	-6.242E-04	8.521E-04
304	0.55218	DIS35	Combination	4.297	2.348E-05	-1.375E-04	-6.242E-04	8.900E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
304	0.	DIS36	Combination	4.291	-7.322E-03	-1.375E-04	-6.242E-04	8.141E-04
304	0.27609	DIS36	Combination	4.294	-3.649E-03	-1.375E-04	-6.242E-04	8.521E-04
304	0.55218	DIS36	Combination	4.297	2.348E-05	-1.375E-04	-6.242E-04	8.900E-04
304	0.	DIS37	Combination	4.709	-7.683E-03	-1.519E-04	-6.853E-04	8.935E-04
304	0.27609	DIS37	Combination	4.711	-4.011E-03	-1.519E-04	-6.853E-04	9.355E-04
304	0.55218	DIS37	Combination	4.714	-3.380E-04	-1.519E-04	-6.853E-04	9.774E-04
304	0.	DIS38	Combination	6.518	-9.251E-03	-2.145E-04	-9.502E-04	0.0012
304	0.27609	DIS38	Combination	6.521	-5.578E-03	-2.145E-04	-9.502E-04	0.0013
304	0.55218	DIS38	Combination	6.524	-1.906E-03	-2.145E-04	-9.502E-04	0.0014
304	0.	DIS39	Combination	6.518	-9.251E-03	-2.145E-04	-9.502E-04	0.0012
304	0.27609	DIS39	Combination	6.521	-5.578E-03	-2.145E-04	-9.502E-04	0.0013
304	0.55218	DIS39	Combination	6.524	-1.906E-03	-2.145E-04	-9.502E-04	0.0014
304	0.	DIS40	Combination	7.321	-9.946E-03	-2.423E-04	-0.0011	0.0014
304	0.27609	DIS40	Combination	7.323	-6.273E-03	-2.423E-04	-0.0011	0.0015
304	0.55218	DIS40	Combination	7.326	-2.601E-03	-2.423E-04	-0.0011	0.0015
304	0.	DIS41	Combination	5.094	-8.017E-03	-1.652E-04	-7.417E-04	9.668E-04
304	0.27609	DIS41	Combination	5.096	-4.344E-03	-1.652E-04	-7.417E-04	0.001
304	0.55218	DIS41	Combination	5.099	-6.716E-04	-1.652E-04	-7.417E-04	0.0011
304	0.	DIS42	Combination	5.094	-8.017E-03	-1.652E-04	-7.417E-04	9.668E-04
304	0.27609	DIS42	Combination	5.096	-4.344E-03	-1.652E-04	-7.417E-04	0.001
304	0.55218	DIS42	Combination	5.099	-6.716E-04	-1.652E-04	-7.417E-04	0.0011
304	0.	DIS43	Combination	5.896	-8.712E-03	-1.930E-04	-8.591E-04	0.0011
304	0.27609	DIS43	Combination	5.899	-5.039E-03	-1.930E-04	-8.591E-04	0.0012
304	0.55218	DIS43	Combination	5.901	-1.367E-03	-1.930E-04	-8.591E-04	0.0012
304	0.	DIS44	Combination	5.094	-8.017E-03	-1.652E-04	-7.417E-04	9.668E-04
304	0.27609	DIS44	Combination	5.096	-4.344E-03	-1.652E-04	-7.417E-04	0.001
304	0.55218	DIS44	Combination	5.099	-6.716E-04	-1.652E-04	-7.417E-04	0.0011
304	0.	DIS45	Combination	5.094	-8.017E-03	-1.652E-04	-7.417E-04	9.668E-04
304	0.27609	DIS45	Combination	5.096	-4.344E-03	-1.652E-04	-7.417E-04	0.001
304	0.55218	DIS45	Combination	5.099	-6.716E-04	-1.652E-04	-7.417E-04	0.0011
304	0.	DIS46	Combination	5.896	-8.712E-03	-1.930E-04	-8.591E-04	0.0011
304	0.27609	DIS46	Combination	5.899	-5.039E-03	-1.930E-04	-8.591E-04	0.0012
304	0.55218	DIS46	Combination	5.901	-1.367E-03	-1.930E-04	-8.591E-04	0.0012
304	0.	DIS47	Combination	3.487	-6.625E-03	-1.097E-04	-5.069E-04	6.615E-04
304	0.27609	DIS47	Combination	3.49	-2.958E-03	-1.097E-04	-5.069E-04	6.918E-04
304	0.55218	DIS47	Combination	3.493	7.094E-04	-1.097E-04	-5.069E-04	7.221E-04
304	0.	DIS48	Combination	3.491	-6.628E-03	-1.097E-04	-5.067E-04	6.612E-04
304	0.27609	DIS48	Combination	3.493	-2.950E-03	-1.097E-04	-5.067E-04	6.915E-04
304	0.55218	DIS48	Combination	3.496	7.277E-04	-1.097E-04	-5.067E-04	7.218E-04
304	0.	DIS49	Combination	3.467	-6.355E-03	-1.282E-03	4.453E-04	9.543E-04
304	0.27609	DIS49	Combination	3.469	-2.683E-03	-1.291E-03	4.453E-04	0.0013
304	0.55218	DIS49	Combination	3.472	9.899E-04	-1.300E-03	4.453E-04	0.0017
304	0.	DIS50	Combination	3.511	-6.898E-03	1.062E-03	-0.0015	3.684E-04
304	0.27609	DIS50	Combination	3.514	-3.225E-03	1.071E-03	-0.0015	7.389E-05
304	0.55218	DIS50	Combination	3.516	4.473E-04	1.080E-03	-0.0015	-2.231E-04
304	0.	DIS51	Combination	4.222	-6.360E-03	-1.378E-04	-6.150E-04	8.015E-04
304	0.27609	DIS51	Combination	4.223	-3.606E-03	-1.378E-04	-6.150E-04	8.396E-04
304	0.55218	DIS51	Combination	4.225	-8.513E-04	-1.378E-04	-6.150E-04	8.776E-04
304	0.	DIS52	Combination	4.222	-6.360E-03	-1.378E-04	-6.150E-04	8.015E-04
304	0.27609	DIS52	Combination	4.223	-3.606E-03	-1.378E-04	-6.150E-04	8.396E-04
304	0.55218	DIS52	Combination	4.225	-8.513E-04	-1.378E-04	-6.150E-04	8.776E-04
304	0.	DIS53	Combination	5.024	-7.055E-03	-1.656E-04	-7.324E-04	9.543E-04
304	0.27609	DIS53	Combination	5.026	-4.301E-03	-1.656E-04	-7.324E-04	1.000E-03
304	0.55218	DIS53	Combination	5.028	-1.546E-03	-1.656E-04	-7.324E-04	0.001

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
304	0.	DIS54	Combination	2.616	-4.969E-03	-8.230E-05	-3.802E-04	4.961E-04
304	0.27609	DIS54	Combination	2.617	-2.218E-03	-8.230E-05	-3.802E-04	5.189E-04
304	0.55218	DIS54	Combination	2.619	5.321E-04	-8.230E-05	-3.802E-04	5.416E-04
304	0.	DIS55	Combination	2.618	-4.971E-03	-8.227E-05	-3.800E-04	4.959E-04
304	0.27609	DIS55	Combination	2.62	-2.213E-03	-8.227E-05	-3.800E-04	5.186E-04
304	0.55218	DIS55	Combination	2.622	5.458E-04	-8.227E-05	-3.800E-04	5.413E-04
304	0.	DIS56	Combination	2.6	-4.766E-03	-9.612E-04	3.340E-04	7.157E-04
304	0.27609	DIS56	Combination	2.602	-2.012E-03	-9.680E-04	3.340E-04	9.821E-04
304	0.55218	DIS56	Combination	2.604	7.424E-04	-9.747E-04	3.340E-04	0.0013
304	0.	DIS57	Combination	2.633	-5.173E-03	7.966E-04	-0.0011	2.763E-04
304	0.27609	DIS57	Combination	2.635	-2.419E-03	8.034E-04	-0.0011	5.542E-05
304	0.55218	DIS57	Combination	2.637	3.354E-04	8.101E-04	-0.0011	-1.673E-04
305	0.	DEAD	LinStatic	-2.871	-3.274E-03	9.181E-05	4.148E-04	-6.133E-04
305	0.27609	DEAD	LinStatic	-2.869	-2.132E-04	9.181E-05	4.148E-04	-6.386E-04
305	0.55218	DEAD	LinStatic	-2.866	2.847E-03	9.181E-05	4.148E-04	-6.639E-04
305	0.	L	LinStatic	0.	0.	0.	0.	0.
305	0.27609	L	LinStatic	0.	0.	0.	0.	0.
305	0.55218	L	LinStatic	0.	0.	0.	0.	0.
305	0.	Lr	LinStatic	-2.848	-2.463E-04	9.079E-05	4.084E-04	-6.052E-04
305	0.27609	Lr	LinStatic	-2.848	-2.463E-04	9.079E-05	4.084E-04	-6.303E-04
305	0.55218	Lr	LinStatic	-2.848	-2.463E-04	9.079E-05	4.084E-04	-6.554E-04
305	0.	G	LinStatic	0.	0.	0.	0.	0.
305	0.27609	G	LinStatic	0.	0.	0.	0.	0.
305	0.55218	G	LinStatic	0.	0.	0.	0.	0.
305	0.	Le	LinStatic	0.	0.	0.	0.	0.
305	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
305	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
305	0.	Wx	LinStatic	-1.604	-1.387E-04	5.114E-05	2.300E-04	-3.409E-04
305	0.27609	Wx	LinStatic	-1.604	-1.387E-04	5.114E-05	2.300E-04	-3.550E-04
305	0.55218	Wx	LinStatic	-1.604	-1.387E-04	5.114E-05	2.300E-04	-3.691E-04
305	0.	Wy	LinStatic	-1.604	-1.387E-04	5.114E-05	2.300E-04	-3.409E-04
305	0.27609	Wy	LinStatic	-1.604	-1.387E-04	5.114E-05	2.300E-04	-3.550E-04
305	0.55218	Wy	LinStatic	-1.604	-1.387E-04	5.114E-05	2.300E-04	-3.691E-04
305	0.	CFx D	LinStatic	1.353E-03	-8.237E-06	-5.492E-08	1.136E-07	-1.694E-07
305	0.27609	CFx D	LinStatic	1.347E-03	-3.884E-06	-5.492E-08	1.136E-07	-1.542E-07
305	0.55218	CFx D	LinStatic	1.340E-03	4.688E-07	-5.492E-08	1.136E-07	-1.390E-07
305	0.	CFy D	LinStatic	0.012	-3.901E-05	-1.953E-03	-3.052E-04	0.0012
305	0.27609	CFy D	LinStatic	0.012	-3.901E-05	-1.946E-03	-3.052E-04	0.0018
305	0.55218	CFy D	LinStatic	0.012	-3.901E-05	-1.938E-03	-3.052E-04	0.0023
305	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
305	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
305	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
305	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
305	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
305	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
305	0.	CFx Lr	LinStatic	1.356E-03	-3.836E-06	-5.537E-08	1.018E-07	-1.625E-07
305	0.27609	CFx Lr	LinStatic	1.356E-03	-3.836E-06	-5.537E-08	1.018E-07	-1.472E-07
305	0.55218	CFx Lr	LinStatic	1.356E-03	-3.836E-06	-5.537E-08	1.018E-07	-1.319E-07
305	0.	CFy Lr	LinStatic	0.012	-6.401E-05	-3.906E-03	-2.441E-04	9.766E-04
305	0.27609	CFy Lr	LinStatic	0.012	-6.401E-05	-3.906E-03	-2.441E-04	0.0021
305	0.55218	CFy Lr	LinStatic	0.012	-6.401E-05	-3.906E-03	-2.441E-04	0.0031
305	0.	DIS01	Combination	-4.017	-4.595E-03	1.285E-04	5.809E-04	-8.588E-04
305	0.27609	DIS01	Combination	-4.014	-3.040E-04	1.285E-04	5.809E-04	-8.943E-04
305	0.55218	DIS01	Combination	-4.011	3.987E-03	1.285E-04	5.809E-04	-9.297E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
305	0.	DIS02	Combination	-4.021	-4.572E-03	1.286E-04	5.806E-04	-8.583E-04
305	0.27609	DIS02	Combination	-4.018	-2.931E-04	1.286E-04	5.806E-04	-8.938E-04
305	0.55218	DIS02	Combination	-4.015	3.986E-03	1.286E-04	5.806E-04	-9.293E-04
305	0.	DIS03	Combination	-4.002	-4.638E-03	-2.606E-03	1.535E-04	8.504E-04
305	0.27609	DIS03	Combination	-3.999	-3.531E-04	-2.595E-03	1.535E-04	0.0016
305	0.55218	DIS03	Combination	-3.996	3.932E-03	-2.585E-03	1.535E-04	0.0023
305	0.	DIS04	Combination	-4.036	-4.529E-03	2.863E-03	0.001	-0.0026
305	0.27609	DIS04	Combination	-4.033	-2.439E-04	2.852E-03	0.001	-0.0034
305	0.55218	DIS04	Combination	-4.03	4.041E-03	2.842E-03	0.001	-0.0041
305	0.	DIS05	Combination	-4.867	-4.063E-03	1.555E-04	7.022E-04	-0.001
305	0.27609	DIS05	Combination	-4.864	-3.856E-04	1.555E-04	7.022E-04	-0.0011
305	0.55218	DIS05	Combination	-4.861	3.292E-03	1.555E-04	7.022E-04	-0.0011
305	0.	DIS06	Combination	-4.871	-4.040E-03	1.557E-04	7.018E-04	-0.001
305	0.27609	DIS06	Combination	-4.869	-3.724E-04	1.557E-04	7.018E-04	-0.0011
305	0.55218	DIS06	Combination	-4.866	3.295E-03	1.557E-04	7.018E-04	-0.0011
305	0.	DIS07	Combination	-4.848	-4.130E-03	-4.141E-03	2.137E-04	9.146E-04
305	0.27609	DIS07	Combination	-4.846	-4.578E-04	-4.132E-03	2.137E-04	0.0021
305	0.55218	DIS07	Combination	-4.843	3.215E-03	-4.123E-03	2.137E-04	0.0032
305	0.	DIS08	Combination	-4.89	-3.973E-03	4.452E-03	0.0012	-0.003
305	0.27609	DIS08	Combination	-4.887	-3.002E-04	4.443E-03	0.0012	-0.0042
305	0.55218	DIS08	Combination	-4.884	3.372E-03	4.434E-03	0.0012	-0.0054
305	0.	DIS09	Combination	-3.443	-3.938E-03	1.101E-04	4.979E-04	-7.361E-04
305	0.27609	DIS09	Combination	-3.441	-2.605E-04	1.101E-04	4.979E-04	-7.665E-04
305	0.55218	DIS09	Combination	-3.438	3.417E-03	1.101E-04	4.979E-04	-7.969E-04
305	0.	DIS10	Combination	-3.446	-3.919E-03	1.102E-04	4.977E-04	-7.357E-04
305	0.27609	DIS10	Combination	-3.444	-2.512E-04	1.102E-04	4.977E-04	-7.661E-04
305	0.55218	DIS10	Combination	-3.441	3.416E-03	1.102E-04	4.977E-04	-7.966E-04
305	0.	DIS11	Combination	-3.43	-3.975E-03	-2.234E-03	1.316E-04	7.289E-04
305	0.27609	DIS11	Combination	-3.427	-3.027E-04	-2.225E-03	1.316E-04	0.0013
305	0.55218	DIS11	Combination	-3.425	3.370E-03	-2.216E-03	1.316E-04	0.002
305	0.	DIS12	Combination	-3.46	-3.882E-03	2.454E-03	8.640E-04	-0.0022
305	0.27609	DIS12	Combination	-3.457	-2.091E-04	2.445E-03	8.640E-04	-0.0029
305	0.55218	DIS12	Combination	-3.454	3.464E-03	2.436E-03	8.640E-04	-0.0036
305	0.	DIS13	Combination	-3.443	-3.938E-03	1.101E-04	4.979E-04	-7.361E-04
305	0.27609	DIS13	Combination	-3.441	-2.605E-04	1.101E-04	4.979E-04	-7.665E-04
305	0.55218	DIS13	Combination	-3.438	3.417E-03	1.101E-04	4.979E-04	-7.969E-04
305	0.	DIS14	Combination	-3.446	-3.919E-03	1.102E-04	4.977E-04	-7.357E-04
305	0.27609	DIS14	Combination	-3.444	-2.512E-04	1.102E-04	4.977E-04	-7.661E-04
305	0.55218	DIS14	Combination	-3.441	3.416E-03	1.102E-04	4.977E-04	-7.966E-04
305	0.	DIS15	Combination	-3.43	-3.975E-03	-2.234E-03	1.316E-04	7.289E-04
305	0.27609	DIS15	Combination	-3.427	-3.027E-04	-2.225E-03	1.316E-04	0.0013
305	0.55218	DIS15	Combination	-3.425	3.370E-03	-2.216E-03	1.316E-04	0.002
305	0.	DIS16	Combination	-3.46	-3.882E-03	2.454E-03	8.640E-04	-0.0022
305	0.27609	DIS16	Combination	-3.457	-2.091E-04	2.445E-03	8.640E-04	-0.0029
305	0.55218	DIS16	Combination	-3.454	3.464E-03	2.436E-03	8.640E-04	-0.0036
305	0.	DIS17	Combination	-7.998	-4.339E-03	2.553E-04	0.0012	-0.0017
305	0.27609	DIS17	Combination	-7.996	-6.607E-04	2.553E-04	0.0012	-0.0018
305	0.55218	DIS17	Combination	-7.993	3.017E-03	2.553E-04	0.0012	-0.0018
305	0.	DIS18	Combination	-8.006	-4.307E-03	2.556E-04	0.0012	-0.0017
305	0.27609	DIS18	Combination	-8.003	-6.391E-04	2.556E-04	0.0012	-0.0018
305	0.55218	DIS18	Combination	-8.001	3.028E-03	2.556E-04	0.0012	-0.0018
305	0.	DIS19	Combination	-7.969	-4.472E-03	-8.338E-03	3.943E-04	0.0013
305	0.27609	DIS19	Combination	-7.966	-7.992E-04	-8.329E-03	3.943E-04	0.0036
305	0.55218	DIS19	Combination	-7.964	2.873E-03	-8.320E-03	3.943E-04	0.0059

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
305	0.	DIS20	Combination	-8.036	-4.173E-03	8.849E-03	0.0019	-0.0047
305	0.27609	DIS20	Combination	-8.033	-5.007E-04	8.840E-03	0.0019	-0.0072
305	0.55218	DIS20	Combination	-8.03	3.172E-03	8.831E-03	0.0019	-0.0096
305	0.	DIS21	Combination	-3.443	-3.938E-03	1.101E-04	4.979E-04	-7.361E-04
305	0.27609	DIS21	Combination	-3.441	-2.605E-04	1.101E-04	4.979E-04	-7.665E-04
305	0.55218	DIS21	Combination	-3.438	3.417E-03	1.101E-04	4.979E-04	-7.969E-04
305	0.	DIS22	Combination	-3.446	-3.919E-03	1.102E-04	4.977E-04	-7.357E-04
305	0.27609	DIS22	Combination	-3.444	-2.512E-04	1.102E-04	4.977E-04	-7.661E-04
305	0.55218	DIS22	Combination	-3.441	3.416E-03	1.102E-04	4.977E-04	-7.966E-04
305	0.	DIS23	Combination	-3.43	-3.975E-03	-2.234E-03	1.316E-04	7.289E-04
305	0.27609	DIS23	Combination	-3.427	-3.027E-04	-2.225E-03	1.316E-04	0.0013
305	0.55218	DIS23	Combination	-3.425	3.370E-03	-2.216E-03	1.316E-04	0.002
305	0.	DIS24	Combination	-3.46	-3.882E-03	2.454E-03	8.640E-04	-0.0022
305	0.27609	DIS24	Combination	-3.457	-2.091E-04	2.445E-03	8.640E-04	-0.0029
305	0.55218	DIS24	Combination	-3.454	3.464E-03	2.436E-03	8.640E-04	-0.0036
305	0.	DIS25	Combination	-3.443	-3.938E-03	1.101E-04	4.979E-04	-7.361E-04
305	0.27609	DIS25	Combination	-3.441	-2.605E-04	1.101E-04	4.979E-04	-7.665E-04
305	0.55218	DIS25	Combination	-3.438	3.417E-03	1.101E-04	4.979E-04	-7.969E-04
305	0.	DIS26	Combination	-3.446	-3.919E-03	1.102E-04	4.977E-04	-7.357E-04
305	0.27609	DIS26	Combination	-3.444	-2.512E-04	1.102E-04	4.977E-04	-7.661E-04
305	0.55218	DIS26	Combination	-3.441	3.416E-03	1.102E-04	4.977E-04	-7.966E-04
305	0.	DIS27	Combination	-3.43	-3.975E-03	-2.234E-03	1.316E-04	7.289E-04
305	0.27609	DIS27	Combination	-3.427	-3.027E-04	-2.225E-03	1.316E-04	0.0013
305	0.55218	DIS27	Combination	-3.425	3.370E-03	-2.216E-03	1.316E-04	0.002
305	0.	DIS28	Combination	-3.46	-3.882E-03	2.454E-03	8.640E-04	-0.0022
305	0.27609	DIS28	Combination	-3.457	-2.091E-04	2.445E-03	8.640E-04	-0.0029
305	0.55218	DIS28	Combination	-3.454	3.464E-03	2.436E-03	8.640E-04	-0.0036
305	0.	DIS29	Combination	-8.804	-4.392E-03	2.810E-04	0.0013	-0.0019
305	0.27609	DIS29	Combination	-8.802	-7.193E-04	2.810E-04	0.0013	-0.002
305	0.55218	DIS29	Combination	-8.799	2.953E-03	2.810E-04	0.0013	-0.002
305	0.	DIS30	Combination	-8.804	-4.392E-03	2.810E-04	0.0013	-0.0019
305	0.27609	DIS30	Combination	-8.802	-7.193E-04	2.810E-04	0.0013	-0.002
305	0.55218	DIS30	Combination	-8.799	2.953E-03	2.810E-04	0.0013	-0.002
305	0.	DIS31	Combination	-9.222	-4.428E-03	2.943E-04	0.0013	-0.002
305	0.27609	DIS31	Combination	-9.219	-7.554E-04	2.943E-04	0.0013	-0.002
305	0.55218	DIS31	Combination	-9.216	2.917E-03	2.943E-04	0.0013	-0.0021
305	0.	DIS32	Combination	-4.247	-3.998E-03	1.357E-04	6.128E-04	-9.064E-04
305	0.27609	DIS32	Combination	-4.244	-3.252E-04	1.357E-04	6.128E-04	-9.438E-04
305	0.55218	DIS32	Combination	-4.242	3.347E-03	1.357E-04	6.128E-04	-9.813E-04
305	0.	DIS33	Combination	-4.247	-3.998E-03	1.357E-04	6.128E-04	-9.064E-04
305	0.27609	DIS33	Combination	-4.244	-3.252E-04	1.357E-04	6.128E-04	-9.438E-04
305	0.55218	DIS33	Combination	-4.242	3.347E-03	1.357E-04	6.128E-04	-9.813E-04
305	0.	DIS34	Combination	-4.664	-4.034E-03	1.490E-04	6.726E-04	-9.950E-04
305	0.27609	DIS34	Combination	-4.662	-3.613E-04	1.490E-04	6.726E-04	-0.001
305	0.55218	DIS34	Combination	-4.659	3.311E-03	1.490E-04	6.726E-04	-0.0011
305	0.	DIS35	Combination	-4.247	-3.998E-03	1.357E-04	6.128E-04	-9.064E-04
305	0.27609	DIS35	Combination	-4.244	-3.252E-04	1.357E-04	6.128E-04	-9.438E-04
305	0.55218	DIS35	Combination	-4.242	3.347E-03	1.357E-04	6.128E-04	-9.813E-04
305	0.	DIS36	Combination	-4.247	-3.998E-03	1.357E-04	6.128E-04	-9.064E-04
305	0.27609	DIS36	Combination	-4.244	-3.252E-04	1.357E-04	6.128E-04	-9.438E-04
305	0.55218	DIS36	Combination	-4.242	3.347E-03	1.357E-04	6.128E-04	-9.813E-04
305	0.	DIS37	Combination	-4.664	-4.034E-03	1.490E-04	6.726E-04	-9.950E-04
305	0.27609	DIS37	Combination	-4.662	-3.613E-04	1.490E-04	6.726E-04	-0.001
305	0.55218	DIS37	Combination	-4.659	3.311E-03	1.490E-04	6.726E-04	-0.0011

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
305	0.	DIS38	Combination	-6.473	-4.190E-03	2.067E-04	9.320E-04	-0.0014
305	0.27609	DIS38	Combination	-6.471	-5.177E-04	2.067E-04	9.320E-04	-0.0014
305	0.55218	DIS38	Combination	-6.468	3.155E-03	2.067E-04	9.320E-04	-0.0015
305	0.	DIS39	Combination	-6.473	-4.190E-03	2.067E-04	9.320E-04	-0.0014
305	0.27609	DIS39	Combination	-6.471	-5.177E-04	2.067E-04	9.320E-04	-0.0014
305	0.55218	DIS39	Combination	-6.468	3.155E-03	2.067E-04	9.320E-04	-0.0015
305	0.	DIS40	Combination	-7.276	-4.260E-03	2.323E-04	0.001	-0.0015
305	0.27609	DIS40	Combination	-7.273	-5.871E-04	2.323E-04	0.001	-0.0016
305	0.55218	DIS40	Combination	-7.27	3.085E-03	2.323E-04	0.001	-0.0017
305	0.	DIS41	Combination	-5.049	-4.067E-03	1.613E-04	7.278E-04	-0.0011
305	0.27609	DIS41	Combination	-5.047	-3.946E-04	1.613E-04	7.278E-04	-0.0011
305	0.55218	DIS41	Combination	-5.044	3.278E-03	1.613E-04	7.278E-04	-0.0012
305	0.	DIS42	Combination	-5.049	-4.067E-03	1.613E-04	7.278E-04	-0.0011
305	0.27609	DIS42	Combination	-5.047	-3.946E-04	1.613E-04	7.278E-04	-0.0011
305	0.55218	DIS42	Combination	-5.044	3.278E-03	1.613E-04	7.278E-04	-0.0012
305	0.	DIS43	Combination	-5.851	-4.137E-03	1.869E-04	8.428E-04	-0.0012
305	0.27609	DIS43	Combination	-5.849	-4.640E-04	1.869E-04	8.428E-04	-0.0013
305	0.55218	DIS43	Combination	-5.846	3.209E-03	1.869E-04	8.428E-04	-0.0014
305	0.	DIS44	Combination	-5.049	-4.067E-03	1.613E-04	7.278E-04	-0.0011
305	0.27609	DIS44	Combination	-5.047	-3.946E-04	1.613E-04	7.278E-04	-0.0011
305	0.55218	DIS44	Combination	-5.044	3.278E-03	1.613E-04	7.278E-04	-0.0012
305	0.	DIS45	Combination	-5.049	-4.067E-03	1.613E-04	7.278E-04	-0.0011
305	0.27609	DIS45	Combination	-5.047	-3.946E-04	1.613E-04	7.278E-04	-0.0011
305	0.55218	DIS45	Combination	-5.044	3.278E-03	1.613E-04	7.278E-04	-0.0012
305	0.	DIS46	Combination	-5.851	-4.137E-03	1.869E-04	8.428E-04	-0.0012
305	0.27609	DIS46	Combination	-5.849	-4.640E-04	1.869E-04	8.428E-04	-0.0013
305	0.55218	DIS46	Combination	-5.846	3.209E-03	1.869E-04	8.428E-04	-0.0014
305	0.	DIS47	Combination	-3.443	-3.938E-03	1.101E-04	4.979E-04	-7.361E-04
305	0.27609	DIS47	Combination	-3.441	-2.605E-04	1.101E-04	4.979E-04	-7.665E-04
305	0.55218	DIS47	Combination	-3.438	3.417E-03	1.101E-04	4.979E-04	-7.969E-04
305	0.	DIS48	Combination	-3.446	-3.919E-03	1.102E-04	4.977E-04	-7.357E-04
305	0.27609	DIS48	Combination	-3.444	-2.512E-04	1.102E-04	4.977E-04	-7.661E-04
305	0.55218	DIS48	Combination	-3.441	3.416E-03	1.102E-04	4.977E-04	-7.966E-04
305	0.	DIS49	Combination	-3.43	-3.975E-03	-2.234E-03	1.316E-04	7.289E-04
305	0.27609	DIS49	Combination	-3.427	-3.027E-04	-2.225E-03	1.316E-04	0.0013
305	0.55218	DIS49	Combination	-3.425	3.370E-03	-2.216E-03	1.316E-04	0.002
305	0.	DIS50	Combination	-3.46	-3.882E-03	2.454E-03	8.640E-04	-0.0022
305	0.27609	DIS50	Combination	-3.457	-2.091E-04	2.445E-03	8.640E-04	-0.0029
305	0.55218	DIS50	Combination	-3.454	3.464E-03	2.436E-03	8.640E-04	-0.0036
305	0.	DIS51	Combination	-4.188	-3.085E-03	1.338E-04	6.034E-04	-8.928E-04
305	0.27609	DIS51	Combination	-4.186	-3.306E-04	1.338E-04	6.034E-04	-9.298E-04
305	0.55218	DIS51	Combination	-4.184	2.424E-03	1.338E-04	6.034E-04	-9.667E-04
305	0.	DIS52	Combination	-4.188	-3.085E-03	1.338E-04	6.034E-04	-8.928E-04
305	0.27609	DIS52	Combination	-4.186	-3.306E-04	1.338E-04	6.034E-04	-9.298E-04
305	0.55218	DIS52	Combination	-4.184	2.424E-03	1.338E-04	6.034E-04	-9.667E-04
305	0.	DIS53	Combination	-4.99	-3.154E-03	1.593E-04	7.184E-04	-0.0011
305	0.27609	DIS53	Combination	-4.988	-4.000E-04	1.593E-04	7.184E-04	-0.0011
305	0.55218	DIS53	Combination	-4.986	2.354E-03	1.593E-04	7.184E-04	-0.0012
305	0.	DIS54	Combination	-2.582	-2.954E-03	8.258E-05	3.734E-04	-5.521E-04
305	0.27609	DIS54	Combination	-2.58	-1.954E-04	8.258E-05	3.734E-04	-5.749E-04
305	0.55218	DIS54	Combination	-2.578	2.563E-03	8.258E-05	3.734E-04	-5.977E-04
305	0.	DIS55	Combination	-2.585	-2.939E-03	8.268E-05	3.732E-04	-5.518E-04
305	0.27609	DIS55	Combination	-2.583	-1.884E-04	8.268E-05	3.732E-04	-5.746E-04
305	0.55218	DIS55	Combination	-2.581	2.562E-03	8.268E-05	3.732E-04	-5.974E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
305	0.	DIS56	Combination	-2.573	-2.981E-03	-1.675E-03	9.869E-05	5.467E-04
305	0.27609	DIS56	Combination	-2.571	-2.270E-04	-1.668E-03	9.869E-05	0.001
305	0.55218	DIS56	Combination	-2.569	2.527E-03	-1.662E-03	9.869E-05	0.0015
305	0.	DIS57	Combination	-2.595	-2.911E-03	1.840E-03	6.480E-04	-0.0017
305	0.27609	DIS57	Combination	-2.593	-1.568E-04	1.834E-03	6.480E-04	-0.0022
305	0.55218	DIS57	Combination	-2.591	2.598E-03	1.827E-03	6.480E-04	-0.0027
306	0.	DEAD	LinStatic	0.976	-3.675E-03	2.033E-04	-4.613E-04	6.764E-04
306	0.27609	DEAD	LinStatic	0.978	-6.148E-04	2.033E-04	-4.613E-04	6.203E-04
306	0.55218	DEAD	LinStatic	0.98	2.446E-03	2.033E-04	-4.613E-04	5.642E-04
306	0.	L	LinStatic	0.	0.	0.	0.	0.
306	0.27609	L	LinStatic	0.	0.	0.	0.	0.
306	0.55218	L	LinStatic	0.	0.	0.	0.	0.
306	0.	Lr	LinStatic	0.944	-6.236E-04	2.034E-04	-4.549E-04	6.670E-04
306	0.27609	Lr	LinStatic	0.944	-6.236E-04	2.034E-04	-4.549E-04	6.108E-04
306	0.55218	Lr	LinStatic	0.944	-6.236E-04	2.034E-04	-4.549E-04	5.547E-04
306	0.	G	LinStatic	0.	0.	0.	0.	0.
306	0.27609	G	LinStatic	0.	0.	0.	0.	0.
306	0.55218	G	LinStatic	0.	0.	0.	0.	0.
306	0.	Le	LinStatic	0.	0.	0.	0.	0.
306	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
306	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
306	0.	Wx	LinStatic	0.532	-3.513E-04	1.146E-04	-2.563E-04	3.757E-04
306	0.27609	Wx	LinStatic	0.532	-3.513E-04	1.146E-04	-2.563E-04	3.441E-04
306	0.55218	Wx	LinStatic	0.532	-3.513E-04	1.146E-04	-2.563E-04	3.124E-04
306	0.	Wy	LinStatic	0.532	-3.513E-04	1.146E-04	-2.563E-04	3.757E-04
306	0.27609	Wy	LinStatic	0.532	-3.513E-04	1.146E-04	-2.563E-04	3.441E-04
306	0.55218	Wy	LinStatic	0.532	-3.513E-04	1.146E-04	-2.563E-04	3.124E-04
306	0.	CFx D	LinStatic	-1.343E-03	1.565E-06	-6.350E-08	-8.973E-08	1.116E-07
306	0.27609	CFx D	LinStatic	-1.337E-03	-2.788E-06	-6.350E-08	-8.973E-08	1.291E-07
306	0.55218	CFx D	LinStatic	-1.331E-03	-7.140E-06	-6.350E-08	-8.973E-08	1.467E-07
306	0.	CFy D	LinStatic	1.232E-03	-2.616E-04	0.	0.0012	0.0012
306	0.27609	CFy D	LinStatic	1.232E-03	-2.616E-04	-7.511E-06	0.0012	0.0012
306	0.55218	CFy D	LinStatic	1.232E-03	-2.616E-04	-1.502E-05	0.0012	0.0012
306	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
306	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
306	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
306	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
306	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
306	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
306	0.	CFx Lr	LinStatic	-1.346E-03	-2.736E-06	-6.310E-08	-9.842E-08	1.145E-07
306	0.27609	CFx Lr	LinStatic	-1.346E-03	-2.736E-06	-6.310E-08	-9.842E-08	1.319E-07
306	0.55218	CFx Lr	LinStatic	-1.346E-03	-2.736E-06	-6.310E-08	-9.842E-08	1.494E-07
306	0.	CFy Lr	LinStatic	-4.291E-04	-2.164E-04	1.953E-03	0.0012	0.0012
306	0.27609	CFy Lr	LinStatic	-4.291E-04	-2.164E-04	1.953E-03	0.0012	6.815E-04
306	0.55218	CFy Lr	LinStatic	-4.291E-04	-2.164E-04	1.953E-03	0.0012	1.422E-04
306	0.	DIS01	Combination	1.364	-5.143E-03	2.846E-04	-6.460E-04	9.472E-04
306	0.27609	DIS01	Combination	1.367	-8.646E-04	2.846E-04	-6.460E-04	8.686E-04
306	0.55218	DIS01	Combination	1.37	3.414E-03	2.846E-04	-6.460E-04	7.900E-04
306	0.	DIS02	Combination	1.368	-5.148E-03	2.847E-04	-6.458E-04	9.469E-04
306	0.27609	DIS02	Combination	1.371	-8.568E-04	2.847E-04	-6.458E-04	8.682E-04
306	0.55218	DIS02	Combination	1.374	3.434E-03	2.847E-04	-6.458E-04	7.896E-04
306	0.	DIS03	Combination	1.368	-5.512E-03	2.846E-04	9.776E-04	0.0027
306	0.27609	DIS03	Combination	1.371	-1.227E-03	2.741E-04	9.776E-04	0.0026
306	0.55218	DIS03	Combination	1.374	3.058E-03	2.636E-04	9.776E-04	0.0025

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
306	0.	DIS04	Combination	1.365	-4.779E-03	2.846E-04	-0.0023	-7.620E-04
306	0.27609	DIS04	Combination	1.368	-4.945E-04	2.952E-04	-0.0023	-8.420E-04
306	0.55218	DIS04	Combination	1.371	3.790E-03	3.057E-04	-0.0023	-9.250E-04
306	0.	DIS05	Combination	1.641	-4.722E-03	3.456E-04	-7.812E-04	0.0011
306	0.27609	DIS05	Combination	1.644	-1.054E-03	3.456E-04	-7.812E-04	0.001
306	0.55218	DIS05	Combination	1.646	2.613E-03	3.456E-04	-7.812E-04	9.546E-04
306	0.	DIS06	Combination	1.645	-4.723E-03	3.458E-04	-7.809E-04	0.0011
306	0.27609	DIS06	Combination	1.648	-1.045E-03	3.458E-04	-7.809E-04	0.001
306	0.55218	DIS06	Combination	1.651	2.633E-03	3.458E-04	-7.809E-04	9.541E-04
306	0.	DIS07	Combination	1.644	-5.144E-03	1.322E-03	0.0012	0.0032
306	0.27609	DIS07	Combination	1.647	-1.472E-03	1.313E-03	0.0012	0.0029
306	0.55218	DIS07	Combination	1.65	2.201E-03	1.304E-03	0.0012	0.0025
306	0.	DIS08	Combination	1.642	-4.300E-03	-6.309E-04	-0.0028	-9.300E-04
306	0.27609	DIS08	Combination	1.645	-6.275E-04	-6.219E-04	-0.0028	-7.570E-04
306	0.55218	DIS08	Combination	1.647	3.045E-03	-6.129E-04	-0.0028	-5.866E-04
306	0.	DIS09	Combination	1.169	-4.408E-03	2.439E-04	-5.537E-04	8.119E-04
306	0.27609	DIS09	Combination	1.172	-7.411E-04	2.439E-04	-5.537E-04	7.445E-04
306	0.55218	DIS09	Combination	1.175	2.926E-03	2.439E-04	-5.537E-04	6.772E-04
306	0.	DIS10	Combination	1.173	-4.412E-03	2.441E-04	-5.535E-04	8.116E-04
306	0.27609	DIS10	Combination	1.175	-7.344E-04	2.441E-04	-5.535E-04	7.442E-04
306	0.55218	DIS10	Combination	1.178	2.943E-03	2.441E-04	-5.535E-04	6.768E-04
306	0.	DIS11	Combination	1.173	-4.724E-03	2.440E-04	8.380E-04	0.0023
306	0.27609	DIS11	Combination	1.175	-1.052E-03	2.350E-04	8.380E-04	0.0022
306	0.55218	DIS11	Combination	1.178	2.621E-03	2.260E-04	8.380E-04	0.0021
306	0.	DIS12	Combination	1.17	-4.096E-03	2.440E-04	-0.0019	-6.531E-04
306	0.27609	DIS12	Combination	1.172	-4.239E-04	2.530E-04	-0.0019	-7.217E-04
306	0.55218	DIS12	Combination	1.175	3.249E-03	2.620E-04	-0.0019	-7.928E-04
306	0.	DIS13	Combination	1.169	-4.408E-03	2.439E-04	-5.537E-04	8.119E-04
306	0.27609	DIS13	Combination	1.172	-7.411E-04	2.439E-04	-5.537E-04	7.445E-04
306	0.55218	DIS13	Combination	1.175	2.926E-03	2.439E-04	-5.537E-04	6.772E-04
306	0.	DIS14	Combination	1.173	-4.412E-03	2.441E-04	-5.535E-04	8.116E-04
306	0.27609	DIS14	Combination	1.175	-7.344E-04	2.441E-04	-5.535E-04	7.442E-04
306	0.55218	DIS14	Combination	1.178	2.943E-03	2.441E-04	-5.535E-04	6.768E-04
306	0.	DIS15	Combination	1.173	-4.724E-03	2.440E-04	8.380E-04	0.0023
306	0.27609	DIS15	Combination	1.175	-1.052E-03	2.350E-04	8.380E-04	0.0022
306	0.55218	DIS15	Combination	1.178	2.621E-03	2.260E-04	8.380E-04	0.0021
306	0.	DIS16	Combination	1.17	-4.096E-03	2.440E-04	-0.0019	-6.531E-04
306	0.27609	DIS16	Combination	1.172	-4.239E-04	2.530E-04	-0.0019	-7.217E-04
306	0.55218	DIS16	Combination	1.175	3.249E-03	2.620E-04	-0.0019	-7.928E-04
306	0.	DIS17	Combination	2.678	-5.411E-03	5.692E-04	-0.0013	0.0019
306	0.27609	DIS17	Combination	2.681	-1.743E-03	5.692E-04	-0.0013	0.0017
306	0.55218	DIS17	Combination	2.683	1.924E-03	5.692E-04	-0.0013	0.0016
306	0.	DIS18	Combination	2.686	-5.406E-03	5.696E-04	-0.0013	0.0019
306	0.27609	DIS18	Combination	2.688	-1.728E-03	5.696E-04	-0.0013	0.0017
306	0.55218	DIS18	Combination	2.691	1.950E-03	5.696E-04	-0.0013	0.0016
306	0.	DIS19	Combination	2.683	-6.068E-03	3.694E-03	0.002	0.0053
306	0.27609	DIS19	Combination	2.685	-2.396E-03	3.685E-03	0.002	0.0043
306	0.55218	DIS19	Combination	2.688	1.277E-03	3.676E-03	0.002	0.0033
306	0.	DIS20	Combination	2.681	-4.748E-03	-2.556E-03	-0.0045	-0.0015
306	0.27609	DIS20	Combination	2.684	-1.075E-03	-2.547E-03	-0.0045	-8.347E-04
306	0.55218	DIS20	Combination	2.686	2.597E-03	-2.538E-03	-0.0045	-1.329E-04
306	0.	DIS21	Combination	1.169	-4.408E-03	2.439E-04	-5.537E-04	8.119E-04
306	0.27609	DIS21	Combination	1.172	-7.411E-04	2.439E-04	-5.537E-04	7.445E-04
306	0.55218	DIS21	Combination	1.175	2.926E-03	2.439E-04	-5.537E-04	6.772E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
306	0.	DIS22	Combination	1.173	-4.412E-03	2.441E-04	-5.535E-04	8.116E-04
306	0.27609	DIS22	Combination	1.175	-7.344E-04	2.441E-04	-5.535E-04	7.442E-04
306	0.55218	DIS22	Combination	1.178	2.943E-03	2.441E-04	-5.535E-04	6.768E-04
306	0.	DIS23	Combination	1.173	-4.724E-03	2.440E-04	8.380E-04	0.0023
306	0.27609	DIS23	Combination	1.175	-1.052E-03	2.350E-04	8.380E-04	0.0022
306	0.55218	DIS23	Combination	1.178	2.621E-03	2.260E-04	8.380E-04	0.0021
306	0.	DIS24	Combination	1.17	-4.096E-03	2.440E-04	-0.0019	-6.531E-04
306	0.27609	DIS24	Combination	1.172	-4.239E-04	2.530E-04	-0.0019	-7.217E-04
306	0.55218	DIS24	Combination	1.175	3.249E-03	2.620E-04	-0.0019	-7.928E-04
306	0.	DIS25	Combination	1.169	-4.408E-03	2.439E-04	-5.537E-04	8.119E-04
306	0.27609	DIS25	Combination	1.172	-7.411E-04	2.439E-04	-5.537E-04	7.445E-04
306	0.55218	DIS25	Combination	1.175	2.926E-03	2.439E-04	-5.537E-04	6.772E-04
306	0.	DIS26	Combination	1.173	-4.412E-03	2.441E-04	-5.535E-04	8.116E-04
306	0.27609	DIS26	Combination	1.175	-7.344E-04	2.441E-04	-5.535E-04	7.442E-04
306	0.55218	DIS26	Combination	1.178	2.943E-03	2.441E-04	-5.535E-04	6.768E-04
306	0.	DIS27	Combination	1.173	-4.724E-03	2.440E-04	8.380E-04	0.0023
306	0.27609	DIS27	Combination	1.175	-1.052E-03	2.350E-04	8.380E-04	0.0022
306	0.55218	DIS27	Combination	1.178	2.621E-03	2.260E-04	8.380E-04	0.0021
306	0.	DIS28	Combination	1.17	-4.096E-03	2.440E-04	-0.0019	-6.531E-04
306	0.27609	DIS28	Combination	1.172	-4.239E-04	2.530E-04	-0.0019	-7.217E-04
306	0.55218	DIS28	Combination	1.175	3.249E-03	2.620E-04	-0.0019	-7.928E-04
306	0.	DIS29	Combination	2.948	-5.584E-03	6.267E-04	-0.0014	0.0021
306	0.27609	DIS29	Combination	2.95	-1.911E-03	6.267E-04	-0.0014	0.0019
306	0.55218	DIS29	Combination	2.953	1.761E-03	6.267E-04	-0.0014	0.0017
306	0.	DIS30	Combination	2.948	-5.584E-03	6.267E-04	-0.0014	0.0021
306	0.27609	DIS30	Combination	2.95	-1.911E-03	6.267E-04	-0.0014	0.0019
306	0.55218	DIS30	Combination	2.953	1.761E-03	6.267E-04	-0.0014	0.0017
306	0.	DIS31	Combination	3.086	-5.675E-03	6.565E-04	-0.0015	0.0022
306	0.27609	DIS31	Combination	3.089	-2.002E-03	6.565E-04	-0.0015	0.002
306	0.55218	DIS31	Combination	3.091	1.670E-03	6.565E-04	-0.0015	0.0018
306	0.	DIS32	Combination	1.437	-4.586E-03	3.013E-04	-6.817E-04	9.996E-04
306	0.27609	DIS32	Combination	1.44	-9.134E-04	3.013E-04	-6.817E-04	9.164E-04
306	0.55218	DIS32	Combination	1.442	2.759E-03	3.013E-04	-6.817E-04	8.332E-04
306	0.	DIS33	Combination	1.437	-4.586E-03	3.013E-04	-6.817E-04	9.996E-04
306	0.27609	DIS33	Combination	1.44	-9.134E-04	3.013E-04	-6.817E-04	9.164E-04
306	0.55218	DIS33	Combination	1.442	2.759E-03	3.013E-04	-6.817E-04	8.332E-04
306	0.	DIS34	Combination	1.575	-4.677E-03	3.310E-04	-7.484E-04	0.0011
306	0.27609	DIS34	Combination	1.578	-1.005E-03	3.310E-04	-7.484E-04	0.001
306	0.55218	DIS34	Combination	1.581	2.668E-03	3.310E-04	-7.484E-04	9.144E-04
306	0.	DIS35	Combination	1.437	-4.586E-03	3.013E-04	-6.817E-04	9.996E-04
306	0.27609	DIS35	Combination	1.44	-9.134E-04	3.013E-04	-6.817E-04	9.164E-04
306	0.55218	DIS35	Combination	1.442	2.759E-03	3.013E-04	-6.817E-04	8.332E-04
306	0.	DIS36	Combination	1.437	-4.586E-03	3.013E-04	-6.817E-04	9.996E-04
306	0.27609	DIS36	Combination	1.44	-9.134E-04	3.013E-04	-6.817E-04	9.164E-04
306	0.55218	DIS36	Combination	1.442	2.759E-03	3.013E-04	-6.817E-04	8.332E-04
306	0.	DIS37	Combination	1.575	-4.677E-03	3.310E-04	-7.484E-04	0.0011
306	0.27609	DIS37	Combination	1.578	-1.005E-03	3.310E-04	-7.484E-04	0.001
306	0.55218	DIS37	Combination	1.581	2.668E-03	3.310E-04	-7.484E-04	9.144E-04
306	0.	DIS38	Combination	2.175	-5.073E-03	4.602E-04	-0.001	0.0015
306	0.27609	DIS38	Combination	2.178	-1.401E-03	4.602E-04	-0.001	0.0014
306	0.55218	DIS38	Combination	2.18	2.272E-03	4.602E-04	-0.001	0.0013
306	0.	DIS39	Combination	2.175	-5.073E-03	4.602E-04	-0.001	0.0015
306	0.27609	DIS39	Combination	2.178	-1.401E-03	4.602E-04	-0.001	0.0014
306	0.55218	DIS39	Combination	2.18	2.272E-03	4.602E-04	-0.001	0.0013

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
306	0.	DIS40	Combination	2.441	-5.249E-03	5.175E-04	-0.0012	0.0017
306	0.27609	DIS40	Combination	2.444	-1.576E-03	5.175E-04	-0.0012	0.0016
306	0.55218	DIS40	Combination	2.446	2.096E-03	5.175E-04	-0.0012	0.0014
306	0.	DIS41	Combination	1.703	-4.762E-03	3.585E-04	-8.099E-04	0.0012
306	0.27609	DIS41	Combination	1.706	-1.089E-03	3.585E-04	-8.099E-04	0.0011
306	0.55218	DIS41	Combination	1.708	2.584E-03	3.585E-04	-8.099E-04	9.894E-04
306	0.	DIS42	Combination	1.703	-4.762E-03	3.585E-04	-8.099E-04	0.0012
306	0.27609	DIS42	Combination	1.706	-1.089E-03	3.585E-04	-8.099E-04	0.0011
306	0.55218	DIS42	Combination	1.708	2.584E-03	3.585E-04	-8.099E-04	9.894E-04
306	0.	DIS43	Combination	1.969	-4.937E-03	4.158E-04	-9.380E-04	0.0014
306	0.27609	DIS43	Combination	1.971	-1.265E-03	4.158E-04	-9.380E-04	0.0013
306	0.55218	DIS43	Combination	1.974	2.408E-03	4.158E-04	-9.380E-04	0.0011
306	0.	DIS44	Combination	1.703	-4.762E-03	3.585E-04	-8.099E-04	0.0012
306	0.27609	DIS44	Combination	1.706	-1.089E-03	3.585E-04	-8.099E-04	0.0011
306	0.55218	DIS44	Combination	1.708	2.584E-03	3.585E-04	-8.099E-04	9.894E-04
306	0.	DIS45	Combination	1.703	-4.762E-03	3.585E-04	-8.099E-04	0.0012
306	0.27609	DIS45	Combination	1.706	-1.089E-03	3.585E-04	-8.099E-04	0.0011
306	0.55218	DIS45	Combination	1.708	2.584E-03	3.585E-04	-8.099E-04	9.894E-04
306	0.	DIS46	Combination	1.969	-4.937E-03	4.158E-04	-9.380E-04	0.0014
306	0.27609	DIS46	Combination	1.971	-1.265E-03	4.158E-04	-9.380E-04	0.0013
306	0.55218	DIS46	Combination	1.974	2.408E-03	4.158E-04	-9.380E-04	0.0011
306	0.	DIS47	Combination	1.169	-4.408E-03	2.439E-04	-5.537E-04	8.119E-04
306	0.27609	DIS47	Combination	1.172	-7.411E-04	2.439E-04	-5.537E-04	7.445E-04
306	0.55218	DIS47	Combination	1.175	2.926E-03	2.439E-04	-5.537E-04	6.772E-04
306	0.	DIS48	Combination	1.173	-4.412E-03	2.441E-04	-5.535E-04	8.116E-04
306	0.27609	DIS48	Combination	1.175	-7.344E-04	2.441E-04	-5.535E-04	7.442E-04
306	0.55218	DIS48	Combination	1.178	2.943E-03	2.441E-04	-5.535E-04	6.768E-04
306	0.	DIS49	Combination	1.173	-4.724E-03	2.440E-04	8.380E-04	0.0023
306	0.27609	DIS49	Combination	1.175	-1.052E-03	2.350E-04	8.380E-04	0.0022
306	0.55218	DIS49	Combination	1.178	2.621E-03	2.260E-04	8.380E-04	0.0021
306	0.	DIS50	Combination	1.17	-4.096E-03	2.440E-04	-0.0019	-6.531E-04
306	0.27609	DIS50	Combination	1.172	-4.239E-04	2.530E-04	-0.0019	-7.217E-04
306	0.55218	DIS50	Combination	1.175	3.249E-03	2.620E-04	-0.0019	-7.928E-04
306	0.	DIS51	Combination	1.41	-3.659E-03	2.975E-04	-6.715E-04	9.845E-04
306	0.27609	DIS51	Combination	1.412	-9.046E-04	2.975E-04	-6.715E-04	9.023E-04
306	0.55218	DIS51	Combination	1.414	1.850E-03	2.975E-04	-6.715E-04	8.202E-04
306	0.	DIS52	Combination	1.41	-3.659E-03	2.975E-04	-6.715E-04	9.845E-04
306	0.27609	DIS52	Combination	1.412	-9.046E-04	2.975E-04	-6.715E-04	9.023E-04
306	0.55218	DIS52	Combination	1.414	1.850E-03	2.975E-04	-6.715E-04	8.202E-04
306	0.	DIS53	Combination	1.676	-3.835E-03	3.548E-04	-7.996E-04	0.0012
306	0.27609	DIS53	Combination	1.678	-1.080E-03	3.548E-04	-7.996E-04	0.0011
306	0.55218	DIS53	Combination	1.68	1.674E-03	3.548E-04	-7.996E-04	9.764E-04
306	0.	DIS54	Combination	0.877	-3.306E-03	1.829E-04	-4.153E-04	6.089E-04
306	0.27609	DIS54	Combination	0.879	-5.558E-04	1.829E-04	-4.153E-04	5.584E-04
306	0.55218	DIS54	Combination	0.881	2.195E-03	1.829E-04	-4.153E-04	5.079E-04
306	0.	DIS55	Combination	0.88	-3.309E-03	1.830E-04	-4.151E-04	6.087E-04
306	0.27609	DIS55	Combination	0.881	-5.508E-04	1.830E-04	-4.151E-04	5.582E-04
306	0.55218	DIS55	Combination	0.883	2.208E-03	1.830E-04	-4.151E-04	5.076E-04
306	0.	DIS56	Combination	0.879	-3.543E-03	1.830E-04	6.285E-04	0.0017
306	0.27609	DIS56	Combination	0.881	-7.887E-04	1.762E-04	6.285E-04	0.0017
306	0.55218	DIS56	Combination	0.883	1.966E-03	1.695E-04	6.285E-04	0.0016
306	0.	DIS57	Combination	0.877	-3.072E-03	1.830E-04	-0.0015	-4.898E-04
306	0.27609	DIS57	Combination	0.879	-3.179E-04	1.897E-04	-0.0015	-5.413E-04
306	0.55218	DIS57	Combination	0.881	2.437E-03	1.965E-04	-0.0015	-5.946E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
307	0.	DEAD	LinStatic	-0.943	-3.374E-03	3.697E-05	4.799E-04	-6.532E-04
307	0.27609	DEAD	LinStatic	-0.941	-3.133E-04	3.697E-05	4.799E-04	-6.634E-04
307	0.55218	DEAD	LinStatic	-0.938	2.747E-03	3.697E-05	4.799E-04	-6.736E-04
307	0.	L	LinStatic	0.	0.	0.	0.	0.
307	0.27609	L	LinStatic	0.	0.	0.	0.	0.
307	0.55218	L	LinStatic	0.	0.	0.	0.	0.
307	0.	Lr	LinStatic	-0.947	-3.264E-04	3.592E-05	4.732E-04	-6.443E-04
307	0.27609	Lr	LinStatic	-0.947	-3.264E-04	3.592E-05	4.732E-04	-6.542E-04
307	0.55218	Lr	LinStatic	-0.947	-3.264E-04	3.592E-05	4.732E-04	-6.641E-04
307	0.	G	LinStatic	0.	0.	0.	0.	0.
307	0.27609	G	LinStatic	0.	0.	0.	0.	0.
307	0.55218	G	LinStatic	0.	0.	0.	0.	0.
307	0.	Le	LinStatic	0.	0.	0.	0.	0.
307	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
307	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
307	0.	Wx	LinStatic	-0.534	-1.839E-04	2.024E-05	2.665E-04	-3.629E-04
307	0.27609	Wx	LinStatic	-0.534	-1.839E-04	2.024E-05	2.665E-04	-3.685E-04
307	0.55218	Wx	LinStatic	-0.534	-1.839E-04	2.024E-05	2.665E-04	-3.741E-04
307	0.	Wy	LinStatic	-0.534	-1.839E-04	2.024E-05	2.665E-04	-3.629E-04
307	0.27609	Wy	LinStatic	-0.534	-1.839E-04	2.024E-05	2.665E-04	-3.685E-04
307	0.55218	Wy	LinStatic	-0.534	-1.839E-04	2.024E-05	2.665E-04	-3.741E-04
307	0.	CFx D	LinStatic	1.351E-03	-7.545E-06	-7.125E-08	9.438E-08	-1.476E-07
307	0.27609	CFx D	LinStatic	1.345E-03	-3.193E-06	-7.125E-08	9.438E-08	-1.279E-07
307	0.55218	CFx D	LinStatic	1.339E-03	1.160E-06	-7.125E-08	9.438E-08	-1.082E-07
307	0.	CFy D	LinStatic	-3.759E-03	1.797E-04	0.	-2.441E-04	0.0017
307	0.27609	CFy D	LinStatic	-3.759E-03	1.797E-04	7.511E-06	-2.441E-04	0.0017
307	0.55218	CFy D	LinStatic	-3.759E-03	1.797E-04	1.502E-05	-2.441E-04	0.0017
307	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
307	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
307	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
307	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
307	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
307	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
307	0.	CFx Lr	LinStatic	1.354E-03	-3.154E-06	-7.099E-08	8.292E-08	-1.408E-07
307	0.27609	CFx Lr	LinStatic	1.354E-03	-3.154E-06	-7.099E-08	8.292E-08	-1.212E-07
307	0.55218	CFx Lr	LinStatic	1.354E-03	-3.154E-06	-7.099E-08	8.292E-08	-1.016E-07
307	0.	CFy Lr	LinStatic	-5.052E-03	1.978E-04	-9.766E-04	-1.221E-04	0.0017
307	0.27609	CFy Lr	LinStatic	-5.052E-03	1.978E-04	-9.766E-04	-1.221E-04	0.002
307	0.55218	CFy Lr	LinStatic	-5.052E-03	1.978E-04	-9.766E-04	-1.221E-04	0.0022
307	0.	DIS01	Combination	-1.318	-4.734E-03	5.166E-05	6.719E-04	-9.146E-04
307	0.27609	DIS01	Combination	-1.315	-4.431E-04	5.166E-05	6.719E-04	-9.289E-04
307	0.55218	DIS01	Combination	-1.312	3.848E-03	5.166E-05	6.719E-04	-9.431E-04
307	0.	DIS02	Combination	-1.322	-4.713E-03	5.186E-05	6.717E-04	-9.142E-04
307	0.27609	DIS02	Combination	-1.319	-4.341E-04	5.186E-05	6.717E-04	-9.285E-04
307	0.55218	DIS02	Combination	-1.316	3.844E-03	5.186E-05	6.717E-04	-9.428E-04
307	0.	DIS03	Combination	-1.325	-4.472E-03	5.176E-05	3.300E-04	0.0015
307	0.27609	DIS03	Combination	-1.322	-1.870E-04	6.227E-05	3.300E-04	0.0015
307	0.55218	DIS03	Combination	-1.319	4.098E-03	7.279E-05	3.300E-04	0.0014
307	0.	DIS04	Combination	-1.315	-4.975E-03	5.176E-05	0.001	-0.0033
307	0.27609	DIS04	Combination	-1.311	-6.902E-04	4.124E-05	0.001	-0.0033
307	0.55218	DIS04	Combination	-1.308	3.594E-03	3.073E-05	0.001	-0.0033
307	0.	DIS05	Combination	-1.603	-4.222E-03	6.220E-05	8.126E-04	-0.0011
307	0.27609	DIS05	Combination	-1.6	-5.446E-04	6.220E-05	8.126E-04	-0.0011
307	0.55218	DIS05	Combination	-1.597	3.133E-03	6.220E-05	8.126E-04	-0.0011

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
307	0.	DIS06	Combination	-1.607	-4.201E-03	6.245E-05	8.123E-04	-0.0011
307	0.27609	DIS06	Combination	-1.605	-5.337E-04	6.245E-05	8.123E-04	-0.0011
307	0.55218	DIS06	Combination	-1.602	3.134E-03	6.245E-05	8.123E-04	-0.0011
307	0.	DIS07	Combination	-1.612	-3.897E-03	-4.260E-04	4.584E-04	0.0018
307	0.27609	DIS07	Combination	-1.609	-2.246E-04	-4.169E-04	4.584E-04	0.0019
307	0.55218	DIS07	Combination	-1.607	3.448E-03	-4.079E-04	4.584E-04	0.002
307	0.	DIS08	Combination	-1.598	-4.526E-03	5.506E-04	0.0012	-0.004
307	0.27609	DIS08	Combination	-1.595	-8.537E-04	5.416E-04	0.0012	-0.0042
307	0.55218	DIS08	Combination	-1.593	2.819E-03	5.326E-04	0.0012	-0.0043
307	0.	DIS09	Combination	-1.13	-4.058E-03	4.428E-05	5.759E-04	-7.840E-04
307	0.27609	DIS09	Combination	-1.127	-3.798E-04	4.428E-05	5.759E-04	-7.962E-04
307	0.55218	DIS09	Combination	-1.124	3.298E-03	4.428E-05	5.759E-04	-8.084E-04
307	0.	DIS10	Combination	-1.133	-4.039E-03	4.445E-05	5.757E-04	-7.836E-04
307	0.27609	DIS10	Combination	-1.13	-3.721E-04	4.445E-05	5.757E-04	-7.959E-04
307	0.55218	DIS10	Combination	-1.128	3.295E-03	4.445E-05	5.757E-04	-8.082E-04
307	0.	DIS11	Combination	-1.136	-3.833E-03	4.436E-05	2.829E-04	0.0013
307	0.27609	DIS11	Combination	-1.133	-1.602E-04	5.338E-05	2.829E-04	0.0013
307	0.55218	DIS11	Combination	-1.131	3.512E-03	6.239E-05	2.829E-04	0.0012
307	0.	DIS12	Combination	-1.127	-4.264E-03	4.436E-05	8.688E-04	-0.0028
307	0.27609	DIS12	Combination	-1.124	-5.916E-04	3.535E-05	8.688E-04	-0.0028
307	0.55218	DIS12	Combination	-1.122	3.081E-03	2.634E-05	8.688E-04	-0.0029
307	0.	DIS13	Combination	-1.13	-4.058E-03	4.428E-05	5.759E-04	-7.840E-04
307	0.27609	DIS13	Combination	-1.127	-3.798E-04	4.428E-05	5.759E-04	-7.962E-04
307	0.55218	DIS13	Combination	-1.124	3.298E-03	4.428E-05	5.759E-04	-8.084E-04
307	0.	DIS14	Combination	-1.133	-4.039E-03	4.445E-05	5.757E-04	-7.836E-04
307	0.27609	DIS14	Combination	-1.13	-3.721E-04	4.445E-05	5.757E-04	-7.959E-04
307	0.55218	DIS14	Combination	-1.128	3.295E-03	4.445E-05	5.757E-04	-8.082E-04
307	0.	DIS15	Combination	-1.136	-3.833E-03	4.436E-05	2.829E-04	0.0013
307	0.27609	DIS15	Combination	-1.133	-1.602E-04	5.338E-05	2.829E-04	0.0013
307	0.55218	DIS15	Combination	-1.131	3.512E-03	6.239E-05	2.829E-04	0.0012
307	0.	DIS16	Combination	-1.127	-4.264E-03	4.436E-05	8.688E-04	-0.0028
307	0.27609	DIS16	Combination	-1.124	-5.916E-04	3.535E-05	8.688E-04	-0.0028
307	0.55218	DIS16	Combination	-1.122	3.081E-03	2.634E-05	8.688E-04	-0.0029
307	0.	DIS17	Combination	-2.643	-4.585E-03	1.016E-04	0.0013	-0.0018
307	0.27609	DIS17	Combination	-2.641	-9.071E-04	1.016E-04	0.0013	-0.0018
307	0.55218	DIS17	Combination	-2.638	2.771E-03	1.016E-04	0.0013	-0.0019
307	0.	DIS18	Combination	-2.651	-4.557E-03	1.020E-04	0.0013	-0.0018
307	0.27609	DIS18	Combination	-2.648	-8.894E-04	1.020E-04	0.0013	-0.0018
307	0.55218	DIS18	Combination	-2.646	2.778E-03	1.020E-04	0.0013	-0.0019
307	0.	DIS19	Combination	-2.66	-4.039E-03	-1.461E-03	8.446E-04	0.003
307	0.27609	DIS19	Combination	-2.657	-3.661E-04	-1.452E-03	8.446E-04	0.0034
307	0.55218	DIS19	Combination	-2.654	3.306E-03	-1.443E-03	8.446E-04	0.0038
307	0.	DIS20	Combination	-2.634	-5.103E-03	1.664E-03	0.0018	-0.0066
307	0.27609	DIS20	Combination	-2.632	-1.430E-03	1.655E-03	0.0018	-0.0071
307	0.55218	DIS20	Combination	-2.629	2.242E-03	1.646E-03	0.0018	-0.0075
307	0.	DIS21	Combination	-1.13	-4.058E-03	4.428E-05	5.759E-04	-7.840E-04
307	0.27609	DIS21	Combination	-1.127	-3.798E-04	4.428E-05	5.759E-04	-7.962E-04
307	0.55218	DIS21	Combination	-1.124	3.298E-03	4.428E-05	5.759E-04	-8.084E-04
307	0.	DIS22	Combination	-1.133	-4.039E-03	4.445E-05	5.757E-04	-7.836E-04
307	0.27609	DIS22	Combination	-1.13	-3.721E-04	4.445E-05	5.757E-04	-7.959E-04
307	0.55218	DIS22	Combination	-1.128	3.295E-03	4.445E-05	5.757E-04	-8.082E-04
307	0.	DIS23	Combination	-1.136	-3.833E-03	4.436E-05	2.829E-04	0.0013
307	0.27609	DIS23	Combination	-1.133	-1.602E-04	5.338E-05	2.829E-04	0.0013
307	0.55218	DIS23	Combination	-1.131	3.512E-03	6.239E-05	2.829E-04	0.0012

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
307	0.	DIS24	Combination	-1.127	-4.264E-03	4.436E-05	8.688E-04	-0.0028
307	0.27609	DIS24	Combination	-1.124	-5.916E-04	3.535E-05	8.688E-04	-0.0028
307	0.55218	DIS24	Combination	-1.122	3.081E-03	2.634E-05	8.688E-04	-0.0029
307	0.	DIS25	Combination	-1.13	-4.058E-03	4.428E-05	5.759E-04	-7.840E-04
307	0.27609	DIS25	Combination	-1.127	-3.798E-04	4.428E-05	5.759E-04	-7.962E-04
307	0.55218	DIS25	Combination	-1.124	3.298E-03	4.428E-05	5.759E-04	-8.084E-04
307	0.	DIS26	Combination	-1.133	-4.039E-03	4.445E-05	5.757E-04	-7.836E-04
307	0.27609	DIS26	Combination	-1.13	-3.721E-04	4.445E-05	5.757E-04	-7.959E-04
307	0.55218	DIS26	Combination	-1.128	3.295E-03	4.445E-05	5.757E-04	-8.082E-04
307	0.	DIS27	Combination	-1.136	-3.833E-03	4.436E-05	2.829E-04	0.0013
307	0.27609	DIS27	Combination	-1.133	-1.602E-04	5.338E-05	2.829E-04	0.0013
307	0.55218	DIS27	Combination	-1.131	3.512E-03	6.239E-05	2.829E-04	0.0012
307	0.	DIS28	Combination	-1.127	-4.264E-03	4.436E-05	8.688E-04	-0.0028
307	0.27609	DIS28	Combination	-1.124	-5.916E-04	3.535E-05	8.688E-04	-0.0028
307	0.55218	DIS28	Combination	-1.122	3.081E-03	2.634E-05	8.688E-04	-0.0029
307	0.	DIS29	Combination	-2.914	-4.663E-03	1.120E-04	0.0015	-0.002
307	0.27609	DIS29	Combination	-2.911	-9.902E-04	1.120E-04	0.0015	-0.002
307	0.55218	DIS29	Combination	-2.909	2.682E-03	1.120E-04	0.0015	-0.0021
307	0.	DIS30	Combination	-2.914	-4.663E-03	1.120E-04	0.0015	-0.002
307	0.27609	DIS30	Combination	-2.911	-9.902E-04	1.120E-04	0.0015	-0.002
307	0.55218	DIS30	Combination	-2.909	2.682E-03	1.120E-04	0.0015	-0.0021
307	0.	DIS31	Combination	-3.053	-4.711E-03	1.172E-04	0.0015	-0.0021
307	0.27609	DIS31	Combination	-3.05	-1.038E-03	1.172E-04	0.0015	-0.0021
307	0.55218	DIS31	Combination	-3.047	2.635E-03	1.172E-04	0.0015	-0.0022
307	0.	DIS32	Combination	-1.398	-4.140E-03	5.448E-05	7.091E-04	-9.652E-04
307	0.27609	DIS32	Combination	-1.395	-4.679E-04	5.448E-05	7.091E-04	-9.803E-04
307	0.55218	DIS32	Combination	-1.393	3.205E-03	5.448E-05	7.091E-04	-9.953E-04
307	0.	DIS33	Combination	-1.398	-4.140E-03	5.448E-05	7.091E-04	-9.652E-04
307	0.27609	DIS33	Combination	-1.395	-4.679E-04	5.448E-05	7.091E-04	-9.803E-04
307	0.55218	DIS33	Combination	-1.393	3.205E-03	5.448E-05	7.091E-04	-9.953E-04
307	0.	DIS34	Combination	-1.537	-4.188E-03	5.974E-05	7.784E-04	-0.0011
307	0.27609	DIS34	Combination	-1.534	-5.157E-04	5.974E-05	7.784E-04	-0.0011
307	0.55218	DIS34	Combination	-1.532	3.157E-03	5.974E-05	7.784E-04	-0.0011
307	0.	DIS35	Combination	-1.398	-4.140E-03	5.448E-05	7.091E-04	-9.652E-04
307	0.27609	DIS35	Combination	-1.395	-4.679E-04	5.448E-05	7.091E-04	-9.803E-04
307	0.55218	DIS35	Combination	-1.393	3.205E-03	5.448E-05	7.091E-04	-9.953E-04
307	0.	DIS36	Combination	-1.398	-4.140E-03	5.448E-05	7.091E-04	-9.652E-04
307	0.27609	DIS36	Combination	-1.395	-4.679E-04	5.448E-05	7.091E-04	-9.803E-04
307	0.55218	DIS36	Combination	-1.393	3.205E-03	5.448E-05	7.091E-04	-9.953E-04
307	0.	DIS37	Combination	-1.537	-4.188E-03	5.974E-05	7.784E-04	-0.0011
307	0.27609	DIS37	Combination	-1.534	-5.157E-04	5.974E-05	7.784E-04	-0.0011
307	0.55218	DIS37	Combination	-1.532	3.157E-03	5.974E-05	7.784E-04	-0.0011
307	0.	DIS38	Combination	-2.139	-4.396E-03	8.256E-05	0.0011	-0.0015
307	0.27609	DIS38	Combination	-2.136	-7.230E-04	8.256E-05	0.0011	-0.0015
307	0.55218	DIS38	Combination	-2.133	2.950E-03	8.256E-05	0.0011	-0.0015
307	0.	DIS39	Combination	-2.139	-4.396E-03	8.256E-05	0.0011	-0.0015
307	0.27609	DIS39	Combination	-2.136	-7.230E-04	8.256E-05	0.0011	-0.0015
307	0.55218	DIS39	Combination	-2.133	2.950E-03	8.256E-05	0.0011	-0.0015
307	0.	DIS40	Combination	-2.405	-4.488E-03	9.268E-05	0.0012	-0.0017
307	0.27609	DIS40	Combination	-2.403	-8.150E-04	9.268E-05	0.0012	-0.0017
307	0.55218	DIS40	Combination	-2.4	2.858E-03	9.268E-05	0.0012	-0.0017
307	0.	DIS41	Combination	-1.665	-4.232E-03	6.460E-05	8.424E-04	-0.0011
307	0.27609	DIS41	Combination	-1.662	-5.598E-04	6.460E-05	8.424E-04	-0.0012
307	0.55218	DIS41	Combination	-1.66	3.113E-03	6.460E-05	8.424E-04	-0.0012

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
307	0.	DIS42	Combination	-1.665	-4.232E-03	6.460E-05	8.424E-04	-0.0011
307	0.27609	DIS42	Combination	-1.662	-5.598E-04	6.460E-05	8.424E-04	-0.0012
307	0.55218	DIS42	Combination	-1.66	3.113E-03	6.460E-05	8.424E-04	-0.0012
307	0.	DIS43	Combination	-1.932	-4.324E-03	7.472E-05	9.756E-04	-0.0013
307	0.27609	DIS43	Combination	-1.929	-6.517E-04	7.472E-05	9.756E-04	-0.0013
307	0.55218	DIS43	Combination	-1.926	3.021E-03	7.472E-05	9.756E-04	-0.0014
307	0.	DIS44	Combination	-1.665	-4.232E-03	6.460E-05	8.424E-04	-0.0011
307	0.27609	DIS44	Combination	-1.662	-5.598E-04	6.460E-05	8.424E-04	-0.0012
307	0.55218	DIS44	Combination	-1.66	3.113E-03	6.460E-05	8.424E-04	-0.0012
307	0.	DIS45	Combination	-1.665	-4.232E-03	6.460E-05	8.424E-04	-0.0011
307	0.27609	DIS45	Combination	-1.662	-5.598E-04	6.460E-05	8.424E-04	-0.0012
307	0.55218	DIS45	Combination	-1.66	3.113E-03	6.460E-05	8.424E-04	-0.0012
307	0.	DIS46	Combination	-1.932	-4.324E-03	7.472E-05	9.756E-04	-0.0013
307	0.27609	DIS46	Combination	-1.929	-6.517E-04	7.472E-05	9.756E-04	-0.0013
307	0.55218	DIS46	Combination	-1.926	3.021E-03	7.472E-05	9.756E-04	-0.0014
307	0.	DIS47	Combination	-1.13	-4.058E-03	4.428E-05	5.759E-04	-7.840E-04
307	0.27609	DIS47	Combination	-1.127	-3.798E-04	4.428E-05	5.759E-04	-7.962E-04
307	0.55218	DIS47	Combination	-1.124	3.298E-03	4.428E-05	5.759E-04	-8.084E-04
307	0.	DIS48	Combination	-1.133	-4.039E-03	4.445E-05	5.757E-04	-7.836E-04
307	0.27609	DIS48	Combination	-1.13	-3.721E-04	4.445E-05	5.757E-04	-7.959E-04
307	0.55218	DIS48	Combination	-1.128	3.295E-03	4.445E-05	5.757E-04	-8.082E-04
307	0.	DIS49	Combination	-1.136	-3.833E-03	4.436E-05	2.829E-04	0.0013
307	0.27609	DIS49	Combination	-1.133	-1.602E-04	5.338E-05	2.829E-04	0.0013
307	0.55218	DIS49	Combination	-1.131	3.512E-03	6.239E-05	2.829E-04	0.0012
307	0.	DIS50	Combination	-1.127	-4.264E-03	4.436E-05	8.688E-04	-0.0028
307	0.27609	DIS50	Combination	-1.124	-5.916E-04	3.535E-05	8.688E-04	-0.0028
307	0.55218	DIS50	Combination	-1.122	3.081E-03	2.634E-05	8.688E-04	-0.0029
307	0.	DIS51	Combination	-1.382	-3.220E-03	5.351E-05	6.984E-04	-9.508E-04
307	0.27609	DIS51	Combination	-1.38	-4.658E-04	5.351E-05	6.984E-04	-9.655E-04
307	0.55218	DIS51	Combination	-1.378	2.289E-03	5.351E-05	6.984E-04	-9.803E-04
307	0.	DIS52	Combination	-1.382	-3.220E-03	5.351E-05	6.984E-04	-9.508E-04
307	0.27609	DIS52	Combination	-1.38	-4.658E-04	5.351E-05	6.984E-04	-9.655E-04
307	0.55218	DIS52	Combination	-1.378	2.289E-03	5.351E-05	6.984E-04	-9.803E-04
307	0.	DIS53	Combination	-1.649	-3.312E-03	6.363E-05	8.317E-04	-0.0011
307	0.27609	DIS53	Combination	-1.647	-5.578E-04	6.363E-05	8.317E-04	-0.0011
307	0.55218	DIS53	Combination	-1.645	2.197E-03	6.363E-05	8.317E-04	-0.0012
307	0.	DIS54	Combination	-0.847	-3.043E-03	3.321E-05	4.320E-04	-5.880E-04
307	0.27609	DIS54	Combination	-0.845	-2.848E-04	3.321E-05	4.320E-04	-5.971E-04
307	0.55218	DIS54	Combination	-0.843	2.474E-03	3.321E-05	4.320E-04	-6.063E-04
307	0.	DIS55	Combination	-0.85	-3.030E-03	3.334E-05	4.318E-04	-5.877E-04
307	0.27609	DIS55	Combination	-0.848	-2.791E-04	3.334E-05	4.318E-04	-5.969E-04
307	0.55218	DIS55	Combination	-0.846	2.471E-03	3.334E-05	4.318E-04	-6.061E-04
307	0.	DIS56	Combination	-0.852	-2.875E-03	3.327E-05	2.121E-04	9.502E-04
307	0.27609	DIS56	Combination	-0.85	-1.202E-04	4.003E-05	2.121E-04	9.401E-04
307	0.55218	DIS56	Combination	-0.848	2.634E-03	4.679E-05	2.121E-04	9.281E-04
307	0.	DIS57	Combination	-0.845	-3.198E-03	3.327E-05	6.516E-04	-0.0021
307	0.27609	DIS57	Combination	-0.843	-4.437E-04	2.651E-05	6.516E-04	-0.0021
307	0.55218	DIS57	Combination	-0.841	2.311E-03	1.975E-05	6.516E-04	-0.0021
308	0.	DEAD	LinStatic	-0.943	-3.374E-03	-3.697E-05	-4.799E-04	6.532E-04
308	0.27609	DEAD	LinStatic	-0.941	-3.133E-04	-3.697E-05	-4.799E-04	6.634E-04
308	0.55218	DEAD	LinStatic	-0.938	2.747E-03	-3.697E-05	-4.799E-04	6.736E-04
308	0.	L	LinStatic	0.	0.	0.	0.	0.
308	0.27609	L	LinStatic	0.	0.	0.	0.	0.
308	0.55218	L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
308	0.	Lr	LinStatic	-0.947	-3.264E-04	-3.592E-05	-4.732E-04	6.443E-04
308	0.27609	Lr	LinStatic	-0.947	-3.264E-04	-3.592E-05	-4.732E-04	6.542E-04
308	0.55218	Lr	LinStatic	-0.947	-3.264E-04	-3.592E-05	-4.732E-04	6.641E-04
308	0.	G	LinStatic	0.	0.	0.	0.	0.
308	0.27609	G	LinStatic	0.	0.	0.	0.	0.
308	0.55218	G	LinStatic	0.	0.	0.	0.	0.
308	0.	Le	LinStatic	0.	0.	0.	0.	0.
308	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
308	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
308	0.	Wx	LinStatic	-0.534	-1.839E-04	-2.024E-05	-2.665E-04	3.629E-04
308	0.27609	Wx	LinStatic	-0.534	-1.839E-04	-2.024E-05	-2.665E-04	3.685E-04
308	0.55218	Wx	LinStatic	-0.534	-1.839E-04	-2.024E-05	-2.665E-04	3.741E-04
308	0.	Wy	LinStatic	-0.534	-1.839E-04	-2.024E-05	-2.665E-04	3.629E-04
308	0.27609	Wy	LinStatic	-0.534	-1.839E-04	-2.024E-05	-2.665E-04	3.685E-04
308	0.55218	Wy	LinStatic	-0.534	-1.839E-04	-2.024E-05	-2.665E-04	3.741E-04
308	0.	CFx D	LinStatic	-1.344E-03	2.266E-06	-6.168E-08	-6.757E-08	8.501E-08
308	0.27609	CFx D	LinStatic	-1.337E-03	-2.087E-06	-6.168E-08	-6.757E-08	1.020E-07
308	0.55218	CFx D	LinStatic	-1.331E-03	-6.439E-06	-6.168E-08	-6.757E-08	1.191E-07
308	0.	CFy D	LinStatic	0.012	-1.747E-05	9.766E-04	0.0013	0.0012
308	0.27609	CFy D	LinStatic	0.012	-1.747E-05	9.691E-04	0.0013	9.521E-04
308	0.55218	CFy D	LinStatic	0.012	-1.747E-05	9.615E-04	0.0013	6.856E-04
308	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
308	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
308	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
308	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
308	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
308	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
308	0.	CFx Lr	LinStatic	-1.347E-03	-2.046E-06	-6.156E-08	-7.660E-08	8.833E-08
308	0.27609	CFx Lr	LinStatic	-1.347E-03	-2.046E-06	-6.156E-08	-7.660E-08	1.053E-07
308	0.55218	CFx Lr	LinStatic	-1.347E-03	-2.046E-06	-6.156E-08	-7.660E-08	1.223E-07
308	0.	CFy Lr	LinStatic	0.011	-7.360E-05	0.	0.0012	7.324E-04
308	0.27609	CFy Lr	LinStatic	0.011	-7.360E-05	0.	0.0012	7.324E-04
308	0.55218	CFy Lr	LinStatic	0.011	-7.360E-05	0.	0.0012	7.324E-04
308	0.	DIS01	Combination	-1.322	-4.720E-03	-5.184E-05	-6.719E-04	9.145E-04
308	0.27609	DIS01	Combination	-1.319	-4.415E-04	-5.184E-05	-6.719E-04	9.288E-04
308	0.55218	DIS01	Combination	-1.316	3.837E-03	-5.184E-05	-6.719E-04	9.432E-04
308	0.	DIS02	Combination	-1.318	-4.726E-03	-5.167E-05	-6.717E-04	9.143E-04
308	0.27609	DIS02	Combination	-1.315	-4.357E-04	-5.167E-05	-6.717E-04	9.286E-04
308	0.55218	DIS02	Combination	-1.312	3.855E-03	-5.167E-05	-6.717E-04	9.428E-04
308	0.	DIS03	Combination	-1.304	-4.748E-03	1.315E-03	0.0012	0.0026
308	0.27609	DIS03	Combination	-1.301	-4.630E-04	1.305E-03	0.0012	0.0023
308	0.55218	DIS03	Combination	-1.298	3.822E-03	1.294E-03	0.0012	0.0019
308	0.	DIS04	Combination	-1.336	-4.699E-03	-1.419E-03	-0.0026	-7.946E-04
308	0.27609	DIS04	Combination	-1.333	-4.141E-04	-1.408E-03	-0.0026	-4.043E-04
308	0.55218	DIS04	Combination	-1.33	3.871E-03	-1.398E-03	-0.0026	-1.686E-05
308	0.	DIS05	Combination	-1.607	-4.210E-03	-6.243E-05	-8.125E-04	0.0011
308	0.27609	DIS05	Combination	-1.605	-5.427E-04	-6.243E-05	-8.125E-04	0.0011
308	0.55218	DIS05	Combination	-1.602	3.125E-03	-6.243E-05	-8.125E-04	0.0011
308	0.	DIS06	Combination	-1.603	-4.213E-03	-6.222E-05	-8.123E-04	0.0011
308	0.27609	DIS06	Combination	-1.6	-5.356E-04	-6.222E-05	-8.123E-04	0.0011
308	0.55218	DIS06	Combination	-1.597	3.142E-03	-6.222E-05	-8.123E-04	0.0011
308	0.	DIS07	Combination	-1.586	-4.270E-03	1.110E-03	0.0014	0.0029
308	0.27609	DIS07	Combination	-1.583	-5.969E-04	1.101E-03	0.0014	0.0026
308	0.55218	DIS07	Combination	-1.581	3.076E-03	1.092E-03	0.0014	0.0023

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
308	0.	DIS08	Combination	-1.624	-4.154E-03	-1.234E-03	-0.003	-7.251E-04
308	0.27609	DIS08	Combination	-1.621	-4.814E-04	-1.225E-03	-0.003	-3.856E-04
308	0.55218	DIS08	Combination	-1.619	3.191E-03	-1.216E-03	-0.003	-4.860E-05
308	0.	DIS09	Combination	-1.133	-4.046E-03	-4.444E-05	-5.759E-04	7.839E-04
308	0.27609	DIS09	Combination	-1.13	-3.784E-04	-4.444E-05	-5.759E-04	7.962E-04
308	0.55218	DIS09	Combination	-1.128	3.289E-03	-4.444E-05	-5.759E-04	8.084E-04
308	0.	DIS10	Combination	-1.13	-4.051E-03	-4.429E-05	-5.757E-04	7.837E-04
308	0.27609	DIS10	Combination	-1.127	-3.734E-04	-4.429E-05	-5.757E-04	7.959E-04
308	0.55218	DIS10	Combination	-1.124	3.304E-03	-4.429E-05	-5.757E-04	8.081E-04
308	0.	DIS11	Combination	-1.117	-4.069E-03	1.128E-03	0.001	0.0022
308	0.27609	DIS11	Combination	-1.115	-3.969E-04	1.118E-03	0.001	0.0019
308	0.55218	DIS11	Combination	-1.112	3.276E-03	1.109E-03	0.001	0.0016
308	0.	DIS12	Combination	-1.145	-4.028E-03	-1.216E-03	-0.0022	-6.811E-04
308	0.27609	DIS12	Combination	-1.142	-3.550E-04	-1.207E-03	-0.0022	-3.465E-04
308	0.55218	DIS12	Combination	-1.14	3.318E-03	-1.198E-03	-0.0022	-1.446E-05
308	0.	DIS13	Combination	-1.133	-4.046E-03	-4.444E-05	-5.759E-04	7.839E-04
308	0.27609	DIS13	Combination	-1.13	-3.784E-04	-4.444E-05	-5.759E-04	7.962E-04
308	0.55218	DIS13	Combination	-1.128	3.289E-03	-4.444E-05	-5.759E-04	8.084E-04
308	0.	DIS14	Combination	-1.13	-4.051E-03	-4.429E-05	-5.757E-04	7.837E-04
308	0.27609	DIS14	Combination	-1.127	-3.734E-04	-4.429E-05	-5.757E-04	7.959E-04
308	0.55218	DIS14	Combination	-1.124	3.304E-03	-4.429E-05	-5.757E-04	8.081E-04
308	0.	DIS15	Combination	-1.117	-4.069E-03	1.128E-03	0.001	0.0022
308	0.27609	DIS15	Combination	-1.115	-3.969E-04	1.118E-03	0.001	0.0019
308	0.55218	DIS15	Combination	-1.112	3.276E-03	1.109E-03	0.001	0.0016
308	0.	DIS16	Combination	-1.145	-4.028E-03	-1.216E-03	-0.0022	-6.811E-04
308	0.27609	DIS16	Combination	-1.142	-3.550E-04	-1.207E-03	-0.0022	-3.465E-04
308	0.55218	DIS16	Combination	-1.14	3.318E-03	-1.198E-03	-0.0022	-1.446E-05
308	0.	DIS17	Combination	-2.651	-4.571E-03	-1.020E-04	-0.0013	0.0018
308	0.27609	DIS17	Combination	-2.648	-9.040E-04	-1.020E-04	-0.0013	0.0018
308	0.55218	DIS17	Combination	-2.646	2.763E-03	-1.020E-04	-0.0013	0.0019
308	0.	DIS18	Combination	-2.643	-4.570E-03	-1.017E-04	-0.0013	0.0018
308	0.27609	DIS18	Combination	-2.641	-8.925E-04	-1.017E-04	-0.0013	0.0018
308	0.55218	DIS18	Combination	-2.638	2.785E-03	-1.017E-04	-0.0013	0.0019
308	0.	DIS19	Combination	-2.616	-4.710E-03	1.070E-03	0.0022	0.0045
308	0.27609	DIS19	Combination	-2.614	-1.037E-03	1.061E-03	0.0022	0.0042
308	0.55218	DIS19	Combination	-2.611	2.636E-03	1.052E-03	0.0022	0.0039
308	0.	DIS20	Combination	-2.678	-4.432E-03	-1.274E-03	-0.0049	-8.220E-04
308	0.27609	DIS20	Combination	-2.675	-7.595E-04	-1.265E-03	-0.0049	-4.716E-04
308	0.55218	DIS20	Combination	-2.673	2.913E-03	-1.256E-03	-0.0049	-1.237E-04
308	0.	DIS21	Combination	-1.133	-4.046E-03	-4.444E-05	-5.759E-04	7.839E-04
308	0.27609	DIS21	Combination	-1.13	-3.784E-04	-4.444E-05	-5.759E-04	7.962E-04
308	0.55218	DIS21	Combination	-1.128	3.289E-03	-4.444E-05	-5.759E-04	8.084E-04
308	0.	DIS22	Combination	-1.13	-4.051E-03	-4.429E-05	-5.757E-04	7.837E-04
308	0.27609	DIS22	Combination	-1.127	-3.734E-04	-4.429E-05	-5.757E-04	7.959E-04
308	0.55218	DIS22	Combination	-1.124	3.304E-03	-4.429E-05	-5.757E-04	8.081E-04
308	0.	DIS23	Combination	-1.117	-4.069E-03	1.128E-03	0.001	0.0022
308	0.27609	DIS23	Combination	-1.115	-3.969E-04	1.118E-03	0.001	0.0019
308	0.55218	DIS23	Combination	-1.112	3.276E-03	1.109E-03	0.001	0.0016
308	0.	DIS24	Combination	-1.145	-4.028E-03	-1.216E-03	-0.0022	-6.811E-04
308	0.27609	DIS24	Combination	-1.142	-3.550E-04	-1.207E-03	-0.0022	-3.465E-04
308	0.55218	DIS24	Combination	-1.14	3.318E-03	-1.198E-03	-0.0022	-1.446E-05
308	0.	DIS25	Combination	-1.133	-4.046E-03	-4.444E-05	-5.759E-04	7.839E-04
308	0.27609	DIS25	Combination	-1.13	-3.784E-04	-4.444E-05	-5.759E-04	7.962E-04
308	0.55218	DIS25	Combination	-1.128	3.289E-03	-4.444E-05	-5.759E-04	8.084E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
308	0.	DIS26	Combination	-1.13	-4.051E-03	-4.429E-05	-5.757E-04	7.837E-04
308	0.27609	DIS26	Combination	-1.127	-3.734E-04	-4.429E-05	-5.757E-04	7.959E-04
308	0.55218	DIS26	Combination	-1.124	3.304E-03	-4.429E-05	-5.757E-04	8.081E-04
308	0.	DIS27	Combination	-1.117	-4.069E-03	1.128E-03	0.001	0.0022
308	0.27609	DIS27	Combination	-1.115	-3.969E-04	1.118E-03	0.001	0.0019
308	0.55218	DIS27	Combination	-1.112	3.276E-03	1.109E-03	0.001	0.0016
308	0.	DIS28	Combination	-1.145	-4.028E-03	-1.216E-03	-0.0022	-6.811E-04
308	0.27609	DIS28	Combination	-1.142	-3.550E-04	-1.207E-03	-0.0022	-3.465E-04
308	0.55218	DIS28	Combination	-1.14	3.318E-03	-1.198E-03	-0.0022	-1.446E-05
308	0.	DIS29	Combination	-2.914	-4.663E-03	-1.120E-04	-0.0015	0.002
308	0.27609	DIS29	Combination	-2.911	-9.902E-04	-1.120E-04	-0.0015	0.002
308	0.55218	DIS29	Combination	-2.909	2.682E-03	-1.120E-04	-0.0015	0.0021
308	0.	DIS30	Combination	-2.914	-4.663E-03	-1.120E-04	-0.0015	0.002
308	0.27609	DIS30	Combination	-2.911	-9.902E-04	-1.120E-04	-0.0015	0.002
308	0.55218	DIS30	Combination	-2.909	2.682E-03	-1.120E-04	-0.0015	0.0021
308	0.	DIS31	Combination	-3.053	-4.711E-03	-1.172E-04	-0.0015	0.0021
308	0.27609	DIS31	Combination	-3.05	-1.038E-03	-1.172E-04	-0.0015	0.0021
308	0.55218	DIS31	Combination	-3.047	2.635E-03	-1.172E-04	-0.0015	0.0022
308	0.	DIS32	Combination	-1.398	-4.140E-03	-5.448E-05	-7.091E-04	9.652E-04
308	0.27609	DIS32	Combination	-1.395	-4.679E-04	-5.448E-05	-7.091E-04	9.803E-04
308	0.55218	DIS32	Combination	-1.393	3.205E-03	-5.448E-05	-7.091E-04	9.953E-04
308	0.	DIS33	Combination	-1.398	-4.140E-03	-5.448E-05	-7.091E-04	9.652E-04
308	0.27609	DIS33	Combination	-1.395	-4.679E-04	-5.448E-05	-7.091E-04	9.803E-04
308	0.55218	DIS33	Combination	-1.393	3.205E-03	-5.448E-05	-7.091E-04	9.953E-04
308	0.	DIS34	Combination	-1.537	-4.188E-03	-5.974E-05	-7.784E-04	0.0011
308	0.27609	DIS34	Combination	-1.534	-5.157E-04	-5.974E-05	-7.784E-04	0.0011
308	0.55218	DIS34	Combination	-1.532	3.157E-03	-5.974E-05	-7.784E-04	0.0011
308	0.	DIS35	Combination	-1.398	-4.140E-03	-5.448E-05	-7.091E-04	9.652E-04
308	0.27609	DIS35	Combination	-1.395	-4.679E-04	-5.448E-05	-7.091E-04	9.803E-04
308	0.55218	DIS35	Combination	-1.393	3.205E-03	-5.448E-05	-7.091E-04	9.953E-04
308	0.	DIS36	Combination	-1.398	-4.140E-03	-5.448E-05	-7.091E-04	9.652E-04
308	0.27609	DIS36	Combination	-1.395	-4.679E-04	-5.448E-05	-7.091E-04	9.803E-04
308	0.55218	DIS36	Combination	-1.393	3.205E-03	-5.448E-05	-7.091E-04	9.953E-04
308	0.	DIS37	Combination	-1.537	-4.188E-03	-5.974E-05	-7.784E-04	0.0011
308	0.27609	DIS37	Combination	-1.534	-5.157E-04	-5.974E-05	-7.784E-04	0.0011
308	0.55218	DIS37	Combination	-1.532	3.157E-03	-5.974E-05	-7.784E-04	0.0011
308	0.	DIS38	Combination	-2.139	-4.396E-03	-8.256E-05	-0.0011	0.0015
308	0.27609	DIS38	Combination	-2.136	-7.230E-04	-8.256E-05	-0.0011	0.0015
308	0.55218	DIS38	Combination	-2.133	2.950E-03	-8.256E-05	-0.0011	0.0015
308	0.	DIS39	Combination	-2.139	-4.396E-03	-8.256E-05	-0.0011	0.0015
308	0.27609	DIS39	Combination	-2.136	-7.230E-04	-8.256E-05	-0.0011	0.0015
308	0.55218	DIS39	Combination	-2.133	2.950E-03	-8.256E-05	-0.0011	0.0015
308	0.	DIS40	Combination	-2.405	-4.488E-03	-9.268E-05	-0.0012	0.0017
308	0.27609	DIS40	Combination	-2.403	-8.150E-04	-9.268E-05	-0.0012	0.0017
308	0.55218	DIS40	Combination	-2.4	2.858E-03	-9.268E-05	-0.0012	0.0017
308	0.	DIS41	Combination	-1.665	-4.232E-03	-6.460E-05	-8.424E-04	0.0011
308	0.27609	DIS41	Combination	-1.662	-5.598E-04	-6.460E-05	-8.424E-04	0.0012
308	0.55218	DIS41	Combination	-1.66	3.113E-03	-6.460E-05	-8.424E-04	0.0012
308	0.	DIS42	Combination	-1.665	-4.232E-03	-6.460E-05	-8.424E-04	0.0011
308	0.27609	DIS42	Combination	-1.662	-5.598E-04	-6.460E-05	-8.424E-04	0.0012
308	0.55218	DIS42	Combination	-1.66	3.113E-03	-6.460E-05	-8.424E-04	0.0012
308	0.	DIS43	Combination	-1.932	-4.324E-03	-7.472E-05	-9.756E-04	0.0013
308	0.27609	DIS43	Combination	-1.929	-6.517E-04	-7.472E-05	-9.756E-04	0.0013
308	0.55218	DIS43	Combination	-1.926	3.021E-03	-7.472E-05	-9.756E-04	0.0014

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
308	0.	DIS44	Combination	-1.665	-4.232E-03	-6.460E-05	-8.424E-04	0.0011
308	0.27609	DIS44	Combination	-1.662	-5.598E-04	-6.460E-05	-8.424E-04	0.0012
308	0.55218	DIS44	Combination	-1.66	3.113E-03	-6.460E-05	-8.424E-04	0.0012
308	0.	DIS45	Combination	-1.665	-4.232E-03	-6.460E-05	-8.424E-04	0.0011
308	0.27609	DIS45	Combination	-1.662	-5.598E-04	-6.460E-05	-8.424E-04	0.0012
308	0.55218	DIS45	Combination	-1.66	3.113E-03	-6.460E-05	-8.424E-04	0.0012
308	0.	DIS46	Combination	-1.932	-4.324E-03	-7.472E-05	-9.756E-04	0.0013
308	0.27609	DIS46	Combination	-1.929	-6.517E-04	-7.472E-05	-9.756E-04	0.0013
308	0.55218	DIS46	Combination	-1.926	3.021E-03	-7.472E-05	-9.756E-04	0.0014
308	0.	DIS47	Combination	-1.133	-4.046E-03	-4.444E-05	-5.759E-04	7.839E-04
308	0.27609	DIS47	Combination	-1.13	-3.784E-04	-4.444E-05	-5.759E-04	7.962E-04
308	0.55218	DIS47	Combination	-1.128	3.289E-03	-4.444E-05	-5.759E-04	8.084E-04
308	0.	DIS48	Combination	-1.13	-4.051E-03	-4.429E-05	-5.757E-04	7.837E-04
308	0.27609	DIS48	Combination	-1.127	-3.734E-04	-4.429E-05	-5.757E-04	7.959E-04
308	0.55218	DIS48	Combination	-1.124	3.304E-03	-4.429E-05	-5.757E-04	8.081E-04
308	0.	DIS49	Combination	-1.117	-4.069E-03	1.128E-03	0.001	0.0022
308	0.27609	DIS49	Combination	-1.115	-3.969E-04	1.118E-03	0.001	0.0019
308	0.55218	DIS49	Combination	-1.112	3.276E-03	1.109E-03	0.001	0.0016
308	0.	DIS50	Combination	-1.145	-4.028E-03	-1.216E-03	-0.0022	-6.811E-04
308	0.27609	DIS50	Combination	-1.142	-3.550E-04	-1.207E-03	-0.0022	-3.465E-04
308	0.55218	DIS50	Combination	-1.14	3.318E-03	-1.198E-03	-0.0022	-1.446E-05
308	0.	DIS51	Combination	-1.382	-3.220E-03	-5.351E-05	-6.984E-04	9.508E-04
308	0.27609	DIS51	Combination	-1.38	-4.658E-04	-5.351E-05	-6.984E-04	9.655E-04
308	0.55218	DIS51	Combination	-1.378	2.289E-03	-5.351E-05	-6.984E-04	9.803E-04
308	0.	DIS52	Combination	-1.382	-3.220E-03	-5.351E-05	-6.984E-04	9.508E-04
308	0.27609	DIS52	Combination	-1.38	-4.658E-04	-5.351E-05	-6.984E-04	9.655E-04
308	0.55218	DIS52	Combination	-1.378	2.289E-03	-5.351E-05	-6.984E-04	9.803E-04
308	0.	DIS53	Combination	-1.649	-3.312E-03	-6.363E-05	-8.317E-04	0.0011
308	0.27609	DIS53	Combination	-1.647	-5.578E-04	-6.363E-05	-8.317E-04	0.0011
308	0.55218	DIS53	Combination	-1.645	2.197E-03	-6.363E-05	-8.317E-04	0.0012
308	0.	DIS54	Combination	-0.85	-3.034E-03	-3.333E-05	-4.319E-04	5.879E-04
308	0.27609	DIS54	Combination	-0.848	-2.838E-04	-3.333E-05	-4.319E-04	5.971E-04
308	0.55218	DIS54	Combination	-0.846	2.467E-03	-3.333E-05	-4.319E-04	6.063E-04
308	0.	DIS55	Combination	-0.847	-3.038E-03	-3.322E-05	-4.318E-04	5.878E-04
308	0.27609	DIS55	Combination	-0.845	-2.801E-04	-3.322E-05	-4.318E-04	5.969E-04
308	0.55218	DIS55	Combination	-0.843	2.478E-03	-3.322E-05	-4.318E-04	6.061E-04
308	0.	DIS56	Combination	-0.838	-3.052E-03	8.456E-04	7.766E-04	0.0017
308	0.27609	DIS56	Combination	-0.836	-2.977E-04	8.389E-04	7.766E-04	0.0015
308	0.55218	DIS56	Combination	-0.834	2.457E-03	8.321E-04	7.766E-04	0.0012
308	0.	DIS57	Combination	-0.859	-3.021E-03	-9.122E-04	-0.0016	-5.108E-04
308	0.27609	DIS57	Combination	-0.857	-2.662E-04	-9.054E-04	-0.0016	-2.599E-04
308	0.55218	DIS57	Combination	-0.855	2.488E-03	-8.987E-04	-0.0016	-1.084E-05
309	0.	DEAD	LinStatic	0.976	-3.675E-03	-2.033E-04	4.613E-04	-6.764E-04
309	0.27609	DEAD	LinStatic	0.978	-6.148E-04	-2.033E-04	4.613E-04	-6.203E-04
309	0.55218	DEAD	LinStatic	0.98	2.446E-03	-2.033E-04	4.613E-04	-5.642E-04
309	0.	L	LinStatic	0.	0.	0.	0.	0.
309	0.27609	L	LinStatic	0.	0.	0.	0.	0.
309	0.55218	L	LinStatic	0.	0.	0.	0.	0.
309	0.	Lr	LinStatic	0.944	-6.236E-04	-2.034E-04	4.549E-04	-6.670E-04
309	0.27609	Lr	LinStatic	0.944	-6.236E-04	-2.034E-04	4.549E-04	-6.108E-04
309	0.55218	Lr	LinStatic	0.944	-6.236E-04	-2.034E-04	4.549E-04	-5.547E-04
309	0.	G	LinStatic	0.	0.	0.	0.	0.
309	0.27609	G	LinStatic	0.	0.	0.	0.	0.
309	0.55218	G	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
309	0.	Le	LinStatic	0.	0.	0.	0.	0.
309	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
309	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
309	0.	Wx	LinStatic	0.532	-3.513E-04	-1.146E-04	2.563E-04	-3.757E-04
309	0.27609	Wx	LinStatic	0.532	-3.513E-04	-1.146E-04	2.563E-04	-3.441E-04
309	0.55218	Wx	LinStatic	0.532	-3.513E-04	-1.146E-04	2.563E-04	-3.124E-04
309	0.	Wy	LinStatic	0.532	-3.513E-04	-1.146E-04	2.563E-04	-3.757E-04
309	0.27609	Wy	LinStatic	0.532	-3.513E-04	-1.146E-04	2.563E-04	-3.441E-04
309	0.55218	Wy	LinStatic	0.532	-3.513E-04	-1.146E-04	2.563E-04	-3.124E-04
309	0.	CFx D	LinStatic	1.350E-03	-6.889E-06	-6.275E-08	7.443E-08	-1.148E-07
309	0.27609	CFx D	LinStatic	1.344E-03	-2.536E-06	-6.275E-08	7.443E-08	-9.752E-08
309	0.55218	CFx D	LinStatic	1.338E-03	1.817E-06	-6.275E-08	7.443E-08	-8.019E-08
309	0.	CFy D	LinStatic	-0.012	-7.016E-04	-9.766E-04	0.	9.766E-04
309	0.27609	CFy D	LinStatic	-0.012	-7.016E-04	-9.691E-04	0.	0.0012
309	0.55218	CFy D	LinStatic	-0.012	-7.016E-04	-9.615E-04	0.	0.0015
309	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
309	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
309	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
309	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
309	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
309	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
309	0.	CFx Lr	LinStatic	1.353E-03	-2.508E-06	-6.236E-08	6.327E-08	-1.085E-07
309	0.27609	CFx Lr	LinStatic	1.353E-03	-2.508E-06	-6.236E-08	6.327E-08	-9.130E-08
309	0.55218	CFx Lr	LinStatic	1.353E-03	-2.508E-06	-6.236E-08	6.327E-08	-7.409E-08
309	0.	CFy Lr	LinStatic	-0.012	-6.426E-04	0.	0.	0.0015
309	0.27609	CFy Lr	LinStatic	-0.012	-6.426E-04	0.	0.	0.0015
309	0.55218	CFy Lr	LinStatic	-0.012	-6.426E-04	0.	0.	0.0015
309	0.	DIS01	Combination	1.368	-5.155E-03	-2.847E-04	6.460E-04	-9.472E-04
309	0.27609	DIS01	Combination	1.371	-8.642E-04	-2.847E-04	6.460E-04	-8.686E-04
309	0.55218	DIS01	Combination	1.374	3.427E-03	-2.847E-04	6.460E-04	-7.899E-04
309	0.	DIS02	Combination	1.364	-5.136E-03	-2.846E-04	6.458E-04	-9.468E-04
309	0.27609	DIS02	Combination	1.367	-8.571E-04	-2.846E-04	6.458E-04	-8.683E-04
309	0.55218	DIS02	Combination	1.37	3.421E-03	-2.846E-04	6.458E-04	-7.897E-04
309	0.	DIS03	Combination	1.35	-6.128E-03	-1.652E-03	6.459E-04	4.202E-04
309	0.27609	DIS03	Combination	1.353	-1.843E-03	-1.641E-03	6.459E-04	8.748E-04
309	0.55218	DIS03	Combination	1.356	2.442E-03	-1.631E-03	6.459E-04	0.0013
309	0.	DIS04	Combination	1.383	-4.163E-03	1.083E-03	6.459E-04	-0.0023
309	0.27609	DIS04	Combination	1.386	1.216E-04	1.072E-03	6.459E-04	-0.0026
309	0.55218	DIS04	Combination	1.389	4.406E-03	1.062E-03	6.459E-04	-0.0029
309	0.	DIS05	Combination	1.645	-4.732E-03	-3.458E-04	7.812E-04	-0.0011
309	0.27609	DIS05	Combination	1.648	-1.054E-03	-3.458E-04	7.812E-04	-0.001
309	0.55218	DIS05	Combination	1.651	2.624E-03	-3.458E-04	7.812E-04	-9.545E-04
309	0.	DIS06	Combination	1.641	-4.713E-03	-3.456E-04	7.810E-04	-0.0011
309	0.27609	DIS06	Combination	1.644	-1.045E-03	-3.456E-04	7.810E-04	-0.001
309	0.55218	DIS06	Combination	1.646	2.622E-03	-3.456E-04	7.810E-04	-9.542E-04
309	0.	DIS07	Combination	1.623	-5.885E-03	-1.518E-03	7.811E-04	7.591E-04
309	0.27609	DIS07	Combination	1.626	-2.213E-03	-1.509E-03	7.811E-04	0.0012
309	0.55218	DIS07	Combination	1.628	1.460E-03	-1.500E-03	7.811E-04	0.0016
309	0.	DIS08	Combination	1.663	-3.559E-03	8.262E-04	7.811E-04	-0.003
309	0.27609	DIS08	Combination	1.666	1.137E-04	8.172E-04	7.811E-04	-0.0033
309	0.55218	DIS08	Combination	1.669	3.786E-03	8.082E-04	7.811E-04	-0.0035
309	0.	DIS09	Combination	1.173	-4.419E-03	-2.441E-04	5.537E-04	-8.119E-04
309	0.27609	DIS09	Combination	1.175	-7.408E-04	-2.441E-04	5.537E-04	-7.445E-04
309	0.55218	DIS09	Combination	1.178	2.937E-03	-2.441E-04	5.537E-04	-6.771E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
309	0.	DIS10	Combination	1.169	-4.402E-03	-2.439E-04	5.535E-04	-8.116E-04
309	0.27609	DIS10	Combination	1.172	-7.347E-04	-2.439E-04	5.535E-04	-7.442E-04
309	0.55218	DIS10	Combination	1.175	2.933E-03	-2.439E-04	5.535E-04	-6.769E-04
309	0.	DIS11	Combination	1.157	-5.252E-03	-1.416E-03	5.536E-04	3.602E-04
309	0.27609	DIS11	Combination	1.159	-1.580E-03	-1.407E-03	5.536E-04	7.498E-04
309	0.55218	DIS11	Combination	1.162	2.093E-03	-1.398E-03	5.536E-04	0.0011
309	0.	DIS12	Combination	1.185	-3.568E-03	9.279E-04	5.536E-04	-0.002
309	0.27609	DIS12	Combination	1.188	1.042E-04	9.189E-04	5.536E-04	-0.0022
309	0.55218	DIS12	Combination	1.191	3.777E-03	9.099E-04	5.536E-04	-0.0025
309	0.	DIS13	Combination	1.173	-4.419E-03	-2.441E-04	5.537E-04	-8.119E-04
309	0.27609	DIS13	Combination	1.175	-7.408E-04	-2.441E-04	5.537E-04	-7.445E-04
309	0.55218	DIS13	Combination	1.178	2.937E-03	-2.441E-04	5.537E-04	-6.771E-04
309	0.	DIS14	Combination	1.169	-4.402E-03	-2.439E-04	5.535E-04	-8.116E-04
309	0.27609	DIS14	Combination	1.172	-7.347E-04	-2.439E-04	5.535E-04	-7.442E-04
309	0.55218	DIS14	Combination	1.175	2.933E-03	-2.439E-04	5.535E-04	-6.769E-04
309	0.	DIS15	Combination	1.157	-5.252E-03	-1.416E-03	5.536E-04	3.602E-04
309	0.27609	DIS15	Combination	1.159	-1.580E-03	-1.407E-03	5.536E-04	7.498E-04
309	0.55218	DIS15	Combination	1.162	2.093E-03	-1.398E-03	5.536E-04	0.0011
309	0.	DIS16	Combination	1.185	-3.568E-03	9.279E-04	5.536E-04	-0.002
309	0.27609	DIS16	Combination	1.188	1.042E-04	9.189E-04	5.536E-04	-0.0022
309	0.55218	DIS16	Combination	1.191	3.777E-03	9.099E-04	5.536E-04	-0.0025
309	0.	DIS17	Combination	2.686	-5.420E-03	-5.696E-04	0.0013	-0.0019
309	0.27609	DIS17	Combination	2.688	-1.743E-03	-5.696E-04	0.0013	-0.0017
309	0.55218	DIS17	Combination	2.691	1.935E-03	-5.696E-04	0.0013	-0.0016
309	0.	DIS18	Combination	2.678	-5.396E-03	-5.692E-04	0.0013	-0.0019
309	0.27609	DIS18	Combination	2.681	-1.728E-03	-5.692E-04	0.0013	-0.0017
309	0.55218	DIS18	Combination	2.683	1.939E-03	-5.692E-04	0.0013	-0.0016
309	0.	DIS19	Combination	2.649	-7.278E-03	-1.741E-03	0.0013	0.0016
309	0.27609	DIS19	Combination	2.651	-3.606E-03	-1.732E-03	0.0013	0.0021
309	0.55218	DIS19	Combination	2.654	6.706E-05	-1.723E-03	0.0013	0.0026
309	0.	DIS20	Combination	2.715	-3.538E-03	6.025E-04	0.0013	-0.0054
309	0.27609	DIS20	Combination	2.718	1.345E-04	5.935E-04	0.0013	-0.0056
309	0.55218	DIS20	Combination	2.72	3.807E-03	5.844E-04	0.0013	-0.0057
309	0.	DIS21	Combination	1.173	-4.419E-03	-2.441E-04	5.537E-04	-8.119E-04
309	0.27609	DIS21	Combination	1.175	-7.408E-04	-2.441E-04	5.537E-04	-7.445E-04
309	0.55218	DIS21	Combination	1.178	2.937E-03	-2.441E-04	5.537E-04	-6.771E-04
309	0.	DIS22	Combination	1.169	-4.402E-03	-2.439E-04	5.535E-04	-8.116E-04
309	0.27609	DIS22	Combination	1.172	-7.347E-04	-2.439E-04	5.535E-04	-7.442E-04
309	0.55218	DIS22	Combination	1.175	2.933E-03	-2.439E-04	5.535E-04	-6.769E-04
309	0.	DIS23	Combination	1.157	-5.252E-03	-1.416E-03	5.536E-04	3.602E-04
309	0.27609	DIS23	Combination	1.159	-1.580E-03	-1.407E-03	5.536E-04	7.498E-04
309	0.55218	DIS23	Combination	1.162	2.093E-03	-1.398E-03	5.536E-04	0.0011
309	0.	DIS24	Combination	1.185	-3.568E-03	9.279E-04	5.536E-04	-0.002
309	0.27609	DIS24	Combination	1.188	1.042E-04	9.189E-04	5.536E-04	-0.0022
309	0.55218	DIS24	Combination	1.191	3.777E-03	9.099E-04	5.536E-04	-0.0025
309	0.	DIS25	Combination	1.173	-4.419E-03	-2.441E-04	5.537E-04	-8.119E-04
309	0.27609	DIS25	Combination	1.175	-7.408E-04	-2.441E-04	5.537E-04	-7.445E-04
309	0.55218	DIS25	Combination	1.178	2.937E-03	-2.441E-04	5.537E-04	-6.771E-04
309	0.	DIS26	Combination	1.169	-4.402E-03	-2.439E-04	5.535E-04	-8.116E-04
309	0.27609	DIS26	Combination	1.172	-7.347E-04	-2.439E-04	5.535E-04	-7.442E-04
309	0.55218	DIS26	Combination	1.175	2.933E-03	-2.439E-04	5.535E-04	-6.769E-04
309	0.	DIS27	Combination	1.157	-5.252E-03	-1.416E-03	5.536E-04	3.602E-04
309	0.27609	DIS27	Combination	1.159	-1.580E-03	-1.407E-03	5.536E-04	7.498E-04
309	0.55218	DIS27	Combination	1.162	2.093E-03	-1.398E-03	5.536E-04	0.0011

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
309	0.	DIS28	Combination	1.185	-3.568E-03	9.279E-04	5.536E-04	-0.002
309	0.27609	DIS28	Combination	1.188	1.042E-04	9.189E-04	5.536E-04	-0.0022
309	0.55218	DIS28	Combination	1.191	3.777E-03	9.099E-04	5.536E-04	-0.0025
309	0.	DIS29	Combination	2.948	-5.584E-03	-6.267E-04	0.0014	-0.0021
309	0.27609	DIS29	Combination	2.95	-1.911E-03	-6.267E-04	0.0014	-0.0019
309	0.55218	DIS29	Combination	2.953	1.761E-03	-6.267E-04	0.0014	-0.0017
309	0.	DIS30	Combination	2.948	-5.584E-03	-6.267E-04	0.0014	-0.0021
309	0.27609	DIS30	Combination	2.95	-1.911E-03	-6.267E-04	0.0014	-0.0019
309	0.55218	DIS30	Combination	2.953	1.761E-03	-6.267E-04	0.0014	-0.0017
309	0.	DIS31	Combination	3.086	-5.675E-03	-6.565E-04	0.0015	-0.0022
309	0.27609	DIS31	Combination	3.089	-2.002E-03	-6.565E-04	0.0015	-0.002
309	0.55218	DIS31	Combination	3.091	1.670E-03	-6.565E-04	0.0015	-0.0018
309	0.	DIS32	Combination	1.437	-4.586E-03	-3.013E-04	6.817E-04	-9.996E-04
309	0.27609	DIS32	Combination	1.44	-9.134E-04	-3.013E-04	6.817E-04	-9.164E-04
309	0.55218	DIS32	Combination	1.442	2.759E-03	-3.013E-04	6.817E-04	-8.332E-04
309	0.	DIS33	Combination	1.437	-4.586E-03	-3.013E-04	6.817E-04	-9.996E-04
309	0.27609	DIS33	Combination	1.44	-9.134E-04	-3.013E-04	6.817E-04	-9.164E-04
309	0.55218	DIS33	Combination	1.442	2.759E-03	-3.013E-04	6.817E-04	-8.332E-04
309	0.	DIS34	Combination	1.575	-4.677E-03	-3.310E-04	7.484E-04	-0.0011
309	0.27609	DIS34	Combination	1.578	-1.005E-03	-3.310E-04	7.484E-04	-0.001
309	0.55218	DIS34	Combination	1.581	2.668E-03	-3.310E-04	7.484E-04	-9.144E-04
309	0.	DIS35	Combination	1.437	-4.586E-03	-3.013E-04	6.817E-04	-9.996E-04
309	0.27609	DIS35	Combination	1.44	-9.134E-04	-3.013E-04	6.817E-04	-9.164E-04
309	0.55218	DIS35	Combination	1.442	2.759E-03	-3.013E-04	6.817E-04	-8.332E-04
309	0.	DIS36	Combination	1.437	-4.586E-03	-3.013E-04	6.817E-04	-9.996E-04
309	0.27609	DIS36	Combination	1.44	-9.134E-04	-3.013E-04	6.817E-04	-9.164E-04
309	0.55218	DIS36	Combination	1.442	2.759E-03	-3.013E-04	6.817E-04	-8.332E-04
309	0.	DIS37	Combination	1.575	-4.677E-03	-3.310E-04	7.484E-04	-0.0011
309	0.27609	DIS37	Combination	1.578	-1.005E-03	-3.310E-04	7.484E-04	-0.001
309	0.55218	DIS37	Combination	1.581	2.668E-03	-3.310E-04	7.484E-04	-9.144E-04
309	0.	DIS38	Combination	2.175	-5.073E-03	-4.602E-04	0.001	-0.0015
309	0.27609	DIS38	Combination	2.178	-1.401E-03	-4.602E-04	0.001	-0.0014
309	0.55218	DIS38	Combination	2.18	2.272E-03	-4.602E-04	0.001	-0.0013
309	0.	DIS39	Combination	2.175	-5.073E-03	-4.602E-04	0.001	-0.0015
309	0.27609	DIS39	Combination	2.178	-1.401E-03	-4.602E-04	0.001	-0.0014
309	0.55218	DIS39	Combination	2.18	2.272E-03	-4.602E-04	0.001	-0.0013
309	0.	DIS40	Combination	2.441	-5.249E-03	-5.175E-04	0.0012	-0.0017
309	0.27609	DIS40	Combination	2.444	-1.576E-03	-5.175E-04	0.0012	-0.0016
309	0.55218	DIS40	Combination	2.446	2.096E-03	-5.175E-04	0.0012	-0.0014
309	0.	DIS41	Combination	1.703	-4.762E-03	-3.585E-04	8.099E-04	-0.0012
309	0.27609	DIS41	Combination	1.706	-1.089E-03	-3.585E-04	8.099E-04	-0.0011
309	0.55218	DIS41	Combination	1.708	2.584E-03	-3.585E-04	8.099E-04	-9.894E-04
309	0.	DIS42	Combination	1.703	-4.762E-03	-3.585E-04	8.099E-04	-0.0012
309	0.27609	DIS42	Combination	1.706	-1.089E-03	-3.585E-04	8.099E-04	-0.0011
309	0.55218	DIS42	Combination	1.708	2.584E-03	-3.585E-04	8.099E-04	-9.894E-04
309	0.	DIS43	Combination	1.969	-4.937E-03	-4.158E-04	9.380E-04	-0.0014
309	0.27609	DIS43	Combination	1.971	-1.265E-03	-4.158E-04	9.380E-04	-0.0013
309	0.55218	DIS43	Combination	1.974	2.408E-03	-4.158E-04	9.380E-04	-0.0011
309	0.	DIS44	Combination	1.703	-4.762E-03	-3.585E-04	8.099E-04	-0.0012
309	0.27609	DIS44	Combination	1.706	-1.089E-03	-3.585E-04	8.099E-04	-0.0011
309	0.55218	DIS44	Combination	1.708	2.584E-03	-3.585E-04	8.099E-04	-9.894E-04
309	0.	DIS45	Combination	1.703	-4.762E-03	-3.585E-04	8.099E-04	-0.0012
309	0.27609	DIS45	Combination	1.706	-1.089E-03	-3.585E-04	8.099E-04	-0.0011
309	0.55218	DIS45	Combination	1.708	2.584E-03	-3.585E-04	8.099E-04	-9.894E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
309	0.	DIS46	Combination	1.969	-4.937E-03	-4.158E-04	9.380E-04	-0.0014
309	0.27609	DIS46	Combination	1.971	-1.265E-03	-4.158E-04	9.380E-04	-0.0013
309	0.55218	DIS46	Combination	1.974	2.408E-03	-4.158E-04	9.380E-04	-0.0011
309	0.	DIS47	Combination	1.173	-4.419E-03	-2.441E-04	5.537E-04	-8.119E-04
309	0.27609	DIS47	Combination	1.175	-7.408E-04	-2.441E-04	5.537E-04	-7.445E-04
309	0.55218	DIS47	Combination	1.178	2.937E-03	-2.441E-04	5.537E-04	-6.771E-04
309	0.	DIS48	Combination	1.169	-4.402E-03	-2.439E-04	5.535E-04	-8.116E-04
309	0.27609	DIS48	Combination	1.172	-7.347E-04	-2.439E-04	5.535E-04	-7.442E-04
309	0.55218	DIS48	Combination	1.175	2.933E-03	-2.439E-04	5.535E-04	-6.769E-04
309	0.	DIS49	Combination	1.157	-5.252E-03	-1.416E-03	5.536E-04	3.602E-04
309	0.27609	DIS49	Combination	1.159	-1.580E-03	-1.407E-03	5.536E-04	7.498E-04
309	0.55218	DIS49	Combination	1.162	2.093E-03	-1.398E-03	5.536E-04	0.0011
309	0.	DIS50	Combination	1.185	-3.568E-03	9.279E-04	5.536E-04	-0.002
309	0.27609	DIS50	Combination	1.188	1.042E-04	9.189E-04	5.536E-04	-0.0022
309	0.55218	DIS50	Combination	1.191	3.777E-03	9.099E-04	5.536E-04	-0.0025
309	0.	DIS51	Combination	1.41	-3.659E-03	-2.975E-04	6.715E-04	-9.845E-04
309	0.27609	DIS51	Combination	1.412	-9.046E-04	-2.975E-04	6.715E-04	-9.023E-04
309	0.55218	DIS51	Combination	1.414	1.850E-03	-2.975E-04	6.715E-04	-8.202E-04
309	0.	DIS52	Combination	1.41	-3.659E-03	-2.975E-04	6.715E-04	-9.845E-04
309	0.27609	DIS52	Combination	1.412	-9.046E-04	-2.975E-04	6.715E-04	-9.023E-04
309	0.55218	DIS52	Combination	1.414	1.850E-03	-2.975E-04	6.715E-04	-8.202E-04
309	0.	DIS53	Combination	1.676	-3.835E-03	-3.548E-04	7.996E-04	-0.0012
309	0.27609	DIS53	Combination	1.678	-1.080E-03	-3.548E-04	7.996E-04	-0.0011
309	0.55218	DIS53	Combination	1.68	1.674E-03	-3.548E-04	7.996E-04	-9.764E-04
309	0.	DIS54	Combination	0.88	-3.314E-03	-1.830E-04	4.153E-04	-6.089E-04
309	0.27609	DIS54	Combination	0.881	-5.556E-04	-1.830E-04	4.153E-04	-5.584E-04
309	0.55218	DIS54	Combination	0.883	2.203E-03	-1.830E-04	4.153E-04	-5.078E-04
309	0.	DIS55	Combination	0.877	-3.302E-03	-1.829E-04	4.151E-04	-6.087E-04
309	0.27609	DIS55	Combination	0.879	-5.510E-04	-1.829E-04	4.151E-04	-5.582E-04
309	0.55218	DIS55	Combination	0.881	2.200E-03	-1.829E-04	4.151E-04	-5.077E-04
309	0.	DIS56	Combination	0.868	-3.939E-03	-1.062E-03	4.152E-04	2.701E-04
309	0.27609	DIS56	Combination	0.87	-1.185E-03	-1.055E-03	4.152E-04	5.624E-04
309	0.55218	DIS56	Combination	0.872	1.570E-03	-1.048E-03	4.152E-04	8.527E-04
309	0.	DIS57	Combination	0.889	-2.676E-03	6.959E-04	4.152E-04	-0.0015
309	0.27609	DIS57	Combination	0.891	7.817E-05	6.892E-04	4.152E-04	-0.0017
309	0.55218	DIS57	Combination	0.893	2.833E-03	6.824E-04	4.152E-04	-0.0019
30A	0.	DEAD	LinStatic	-2.871	-3.274E-03	-9.181E-05	-4.148E-04	6.133E-04
30A	0.27609	DEAD	LinStatic	-2.869	-2.132E-04	-9.181E-05	-4.148E-04	6.386E-04
30A	0.55218	DEAD	LinStatic	-2.866	2.847E-03	-9.181E-05	-4.148E-04	6.639E-04
30A	0.	L	LinStatic	0.	0.	0.	0.	0.
30A	0.27609	L	LinStatic	0.	0.	0.	0.	0.
30A	0.55218	L	LinStatic	0.	0.	0.	0.	0.
30A	0.	Lr	LinStatic	-2.848	-2.463E-04	-9.079E-05	-4.084E-04	6.052E-04
30A	0.27609	Lr	LinStatic	-2.848	-2.463E-04	-9.079E-05	-4.084E-04	6.303E-04
30A	0.55218	Lr	LinStatic	-2.848	-2.463E-04	-9.079E-05	-4.084E-04	6.554E-04
30A	0.	G	LinStatic	0.	0.	0.	0.	0.
30A	0.27609	G	LinStatic	0.	0.	0.	0.	0.
30A	0.55218	G	LinStatic	0.	0.	0.	0.	0.
30A	0.	Le	LinStatic	0.	0.	0.	0.	0.
30A	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
30A	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
30A	0.	Wx	LinStatic	-1.604	-1.387E-04	-5.114E-05	-2.300E-04	3.409E-04
30A	0.27609	Wx	LinStatic	-1.604	-1.387E-04	-5.114E-05	-2.300E-04	3.550E-04
30A	0.55218	Wx	LinStatic	-1.604	-1.387E-04	-5.114E-05	-2.300E-04	3.691E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30A	0.	Wy	LinStatic	-1.604	-1.387E-04	-5.114E-05	-2.300E-04	3.409E-04
30A	0.27609	Wy	LinStatic	-1.604	-1.387E-04	-5.114E-05	-2.300E-04	3.550E-04
30A	0.55218	Wy	LinStatic	-1.604	-1.387E-04	-5.114E-05	-2.300E-04	3.691E-04
30A	0.	CFx D	LinStatic	-1.345E-03	2.929E-06	-6.218E-08	-4.765E-08	5.704E-08
30A	0.27609	CFx D	LinStatic	-1.338E-03	-1.423E-06	-6.218E-08	-4.765E-08	7.420E-08
30A	0.55218	CFx D	LinStatic	-1.332E-03	-5.776E-06	-6.218E-08	-4.765E-08	9.137E-08
30A	0.	CFy D	LinStatic	0.021	6.929E-04	9.766E-04	8.545E-04	4.883E-04
30A	0.27609	CFy D	LinStatic	0.021	6.929E-04	9.691E-04	8.545E-04	2.197E-04
30A	0.55218	CFy D	LinStatic	0.021	6.929E-04	9.615E-04	8.545E-04	-4.681E-05
30A	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
30A	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
30A	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
30A	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
30A	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
30A	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
30A	0.	CFx Lr	LinStatic	-1.348E-03	-1.391E-06	-6.252E-08	-5.703E-08	6.048E-08
30A	0.27609	CFx Lr	LinStatic	-1.348E-03	-1.391E-06	-6.252E-08	-5.703E-08	7.774E-08
30A	0.55218	CFx Lr	LinStatic	-1.348E-03	-1.391E-06	-6.252E-08	-5.703E-08	9.500E-08
30A	0.	CFy Lr	LinStatic	0.022	6.585E-04	1.953E-03	9.766E-04	4.883E-04
30A	0.27609	CFy Lr	LinStatic	0.022	6.585E-04	1.953E-03	9.766E-04	-5.095E-05
30A	0.55218	CFy Lr	LinStatic	0.022	6.585E-04	1.953E-03	9.766E-04	-5.902E-04
30A	0.	DIS01	Combination	-4.021	-4.579E-03	-1.286E-04	-5.808E-04	8.586E-04
30A	0.27609	DIS01	Combination	-4.018	-3.005E-04	-1.286E-04	-5.808E-04	8.941E-04
30A	0.55218	DIS01	Combination	-4.015	3.978E-03	-1.286E-04	-5.808E-04	9.297E-04
30A	0.	DIS02	Combination	-4.017	-4.587E-03	-1.284E-04	-5.807E-04	8.585E-04
30A	0.27609	DIS02	Combination	-4.014	-2.965E-04	-1.284E-04	-5.807E-04	8.939E-04
30A	0.55218	DIS02	Combination	-4.011	3.994E-03	-1.284E-04	-5.807E-04	9.294E-04
30A	0.	DIS03	Combination	-3.99	-3.613E-03	1.239E-03	6.155E-04	0.0015
30A	0.27609	DIS03	Combination	-3.986	6.716E-04	1.228E-03	6.155E-04	0.0012
30A	0.55218	DIS03	Combination	-3.983	4.956E-03	1.218E-03	6.155E-04	8.640E-04
30A	0.	DIS04	Combination	-4.048	-5.553E-03	-1.496E-03	-0.0018	1.750E-04
30A	0.27609	DIS04	Combination	-4.045	-1.269E-03	-1.485E-03	-0.0018	5.865E-04
30A	0.55218	DIS04	Combination	-4.042	3.016E-03	-1.475E-03	-0.0018	9.951E-04
30A	0.	DIS05	Combination	-4.871	-4.049E-03	-1.557E-04	-7.021E-04	0.001
30A	0.27609	DIS05	Combination	-4.869	-3.814E-04	-1.557E-04	-7.021E-04	0.0011
30A	0.55218	DIS05	Combination	-4.866	3.286E-03	-1.557E-04	-7.021E-04	0.0011
30A	0.	DIS06	Combination	-4.867	-4.054E-03	-1.555E-04	-7.019E-04	0.001
30A	0.27609	DIS06	Combination	-4.864	-3.766E-04	-1.555E-04	-7.019E-04	0.0011
30A	0.55218	DIS06	Combination	-4.862	3.301E-03	-1.555E-04	-7.019E-04	0.0011
30A	0.	DIS07	Combination	-4.833	-2.891E-03	1.993E-03	8.117E-04	0.0019
30A	0.27609	DIS07	Combination	-4.83	7.817E-04	1.984E-03	8.117E-04	0.0013
30A	0.55218	DIS07	Combination	-4.827	4.454E-03	1.975E-03	8.117E-04	7.732E-04
30A	0.	DIS08	Combination	-4.905	-5.212E-03	-2.304E-03	-0.0022	2.084E-04
30A	0.27609	DIS08	Combination	-4.903	-1.540E-03	-2.295E-03	-0.0022	8.433E-04
30A	0.55218	DIS08	Combination	-4.9	2.133E-03	-2.286E-03	-0.0022	0.0015
30A	0.	DIS09	Combination	-3.446	-3.925E-03	-1.102E-04	-4.979E-04	7.360E-04
30A	0.27609	DIS09	Combination	-3.444	-2.576E-04	-1.102E-04	-4.979E-04	7.664E-04
30A	0.55218	DIS09	Combination	-3.441	3.410E-03	-1.102E-04	-4.979E-04	7.968E-04
30A	0.	DIS10	Combination	-3.443	-3.932E-03	-1.101E-04	-4.977E-04	7.358E-04
30A	0.27609	DIS10	Combination	-3.441	-2.542E-04	-1.101E-04	-4.977E-04	7.662E-04
30A	0.55218	DIS10	Combination	-3.438	3.424E-03	-1.101E-04	-4.977E-04	7.966E-04
30A	0.	DIS11	Combination	-3.42	-3.097E-03	1.062E-03	5.276E-04	0.0013
30A	0.27609	DIS11	Combination	-3.417	5.756E-04	1.053E-03	5.276E-04	0.001
30A	0.55218	DIS11	Combination	-3.414	4.248E-03	1.044E-03	5.276E-04	7.406E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30A	0.	DIS12	Combination	-3.47	-4.760E-03	-1.282E-03	-0.0015	1.500E-04
30A	0.27609	DIS12	Combination	-3.467	-1.087E-03	-1.273E-03	-0.0015	5.027E-04
30A	0.55218	DIS12	Combination	-3.465	2.585E-03	-1.264E-03	-0.0015	8.529E-04
30A	0.	DIS13	Combination	-3.446	-3.925E-03	-1.102E-04	-4.979E-04	7.360E-04
30A	0.27609	DIS13	Combination	-3.444	-2.576E-04	-1.102E-04	-4.979E-04	7.664E-04
30A	0.55218	DIS13	Combination	-3.441	3.410E-03	-1.102E-04	-4.979E-04	7.968E-04
30A	0.	DIS14	Combination	-3.443	-3.932E-03	-1.101E-04	-4.977E-04	7.358E-04
30A	0.27609	DIS14	Combination	-3.441	-2.542E-04	-1.101E-04	-4.977E-04	7.662E-04
30A	0.55218	DIS14	Combination	-3.438	3.424E-03	-1.101E-04	-4.977E-04	7.966E-04
30A	0.	DIS15	Combination	-3.42	-3.097E-03	1.062E-03	5.276E-04	0.0013
30A	0.27609	DIS15	Combination	-3.417	5.756E-04	1.053E-03	5.276E-04	0.001
30A	0.55218	DIS15	Combination	-3.414	4.248E-03	1.044E-03	5.276E-04	7.406E-04
30A	0.	DIS16	Combination	-3.47	-4.760E-03	-1.282E-03	-0.0015	1.500E-04
30A	0.27609	DIS16	Combination	-3.467	-1.087E-03	-1.273E-03	-0.0015	5.027E-04
30A	0.55218	DIS16	Combination	-3.465	2.585E-03	-1.264E-03	-0.0015	8.529E-04
30A	0.	DIS17	Combination	-8.006	-4.321E-03	-2.556E-04	-0.0012	0.0017
30A	0.27609	DIS17	Combination	-8.003	-6.539E-04	-2.556E-04	-0.0012	0.0018
30A	0.55218	DIS17	Combination	-8.001	3.014E-03	-2.556E-04	-0.0012	0.0018
30A	0.	DIS18	Combination	-7.998	-4.324E-03	-2.553E-04	-0.0012	0.0017
30A	0.27609	DIS18	Combination	-7.996	-6.460E-04	-2.553E-04	-0.0012	0.0018
30A	0.55218	DIS18	Combination	-7.993	3.032E-03	-2.553E-04	-0.0012	0.0018
30A	0.	DIS19	Combination	-7.941	-2.438E-03	4.041E-03	0.0014	0.0031
30A	0.27609	DIS19	Combination	-7.939	1.235E-03	4.032E-03	0.0014	0.002
30A	0.55218	DIS19	Combination	-7.936	4.908E-03	4.023E-03	0.0014	8.449E-04
30A	0.	DIS20	Combination	-8.063	-6.208E-03	-4.552E-03	-0.0037	3.371E-04
30A	0.27609	DIS20	Combination	-8.061	-2.535E-03	-4.543E-03	-0.0037	0.0016
30A	0.55218	DIS20	Combination	-8.058	1.138E-03	-4.534E-03	-0.0037	0.0028
30A	0.	DIS21	Combination	-3.446	-3.925E-03	-1.102E-04	-4.979E-04	7.360E-04
30A	0.27609	DIS21	Combination	-3.444	-2.576E-04	-1.102E-04	-4.979E-04	7.664E-04
30A	0.55218	DIS21	Combination	-3.441	3.410E-03	-1.102E-04	-4.979E-04	7.968E-04
30A	0.	DIS22	Combination	-3.443	-3.932E-03	-1.101E-04	-4.977E-04	7.358E-04
30A	0.27609	DIS22	Combination	-3.441	-2.542E-04	-1.101E-04	-4.977E-04	7.662E-04
30A	0.55218	DIS22	Combination	-3.438	3.424E-03	-1.101E-04	-4.977E-04	7.966E-04
30A	0.	DIS23	Combination	-3.42	-3.097E-03	1.062E-03	5.276E-04	0.0013
30A	0.27609	DIS23	Combination	-3.417	5.756E-04	1.053E-03	5.276E-04	0.001
30A	0.55218	DIS23	Combination	-3.414	4.248E-03	1.044E-03	5.276E-04	7.406E-04
30A	0.	DIS24	Combination	-3.47	-4.760E-03	-1.282E-03	-0.0015	1.500E-04
30A	0.27609	DIS24	Combination	-3.467	-1.087E-03	-1.273E-03	-0.0015	5.027E-04
30A	0.55218	DIS24	Combination	-3.465	2.585E-03	-1.264E-03	-0.0015	8.529E-04
30A	0.	DIS25	Combination	-3.446	-3.925E-03	-1.102E-04	-4.979E-04	7.360E-04
30A	0.27609	DIS25	Combination	-3.444	-2.576E-04	-1.102E-04	-4.979E-04	7.664E-04
30A	0.55218	DIS25	Combination	-3.441	3.410E-03	-1.102E-04	-4.979E-04	7.968E-04
30A	0.	DIS26	Combination	-3.443	-3.932E-03	-1.101E-04	-4.977E-04	7.358E-04
30A	0.27609	DIS26	Combination	-3.441	-2.542E-04	-1.101E-04	-4.977E-04	7.662E-04
30A	0.55218	DIS26	Combination	-3.438	3.424E-03	-1.101E-04	-4.977E-04	7.966E-04
30A	0.	DIS27	Combination	-3.42	-3.097E-03	1.062E-03	5.276E-04	0.0013
30A	0.27609	DIS27	Combination	-3.417	5.756E-04	1.053E-03	5.276E-04	0.001
30A	0.55218	DIS27	Combination	-3.414	4.248E-03	1.044E-03	5.276E-04	7.406E-04
30A	0.	DIS28	Combination	-3.47	-4.760E-03	-1.282E-03	-0.0015	1.500E-04
30A	0.27609	DIS28	Combination	-3.467	-1.087E-03	-1.273E-03	-0.0015	5.027E-04
30A	0.55218	DIS28	Combination	-3.465	2.585E-03	-1.264E-03	-0.0015	8.529E-04
30A	0.	DIS29	Combination	-8.804	-4.392E-03	-2.810E-04	-0.0013	0.0019
30A	0.27609	DIS29	Combination	-8.802	-7.193E-04	-2.810E-04	-0.0013	0.002
30A	0.55218	DIS29	Combination	-8.799	2.953E-03	-2.810E-04	-0.0013	0.002

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30A	0.	DIS30	Combination	-8.804	-4.392E-03	-2.810E-04	-0.0013	0.0019
30A	0.27609	DIS30	Combination	-8.802	-7.193E-04	-2.810E-04	-0.0013	0.002
30A	0.55218	DIS30	Combination	-8.799	2.953E-03	-2.810E-04	-0.0013	0.002
30A	0.	DIS31	Combination	-9.222	-4.428E-03	-2.943E-04	-0.0013	0.002
30A	0.27609	DIS31	Combination	-9.219	-7.554E-04	-2.943E-04	-0.0013	0.002
30A	0.55218	DIS31	Combination	-9.216	2.917E-03	-2.943E-04	-0.0013	0.0021
30A	0.	DIS32	Combination	-4.247	-3.998E-03	-1.357E-04	-6.128E-04	9.064E-04
30A	0.27609	DIS32	Combination	-4.244	-3.252E-04	-1.357E-04	-6.128E-04	9.438E-04
30A	0.55218	DIS32	Combination	-4.242	3.347E-03	-1.357E-04	-6.128E-04	9.813E-04
30A	0.	DIS33	Combination	-4.247	-3.998E-03	-1.357E-04	-6.128E-04	9.064E-04
30A	0.27609	DIS33	Combination	-4.244	-3.252E-04	-1.357E-04	-6.128E-04	9.438E-04
30A	0.55218	DIS33	Combination	-4.242	3.347E-03	-1.357E-04	-6.128E-04	9.813E-04
30A	0.	DIS34	Combination	-4.664	-4.034E-03	-1.490E-04	-6.726E-04	9.950E-04
30A	0.27609	DIS34	Combination	-4.662	-3.613E-04	-1.490E-04	-6.726E-04	0.001
30A	0.55218	DIS34	Combination	-4.659	3.311E-03	-1.490E-04	-6.726E-04	0.0011
30A	0.	DIS35	Combination	-4.247	-3.998E-03	-1.357E-04	-6.128E-04	9.064E-04
30A	0.27609	DIS35	Combination	-4.244	-3.252E-04	-1.357E-04	-6.128E-04	9.438E-04
30A	0.55218	DIS35	Combination	-4.242	3.347E-03	-1.357E-04	-6.128E-04	9.813E-04
30A	0.	DIS36	Combination	-4.247	-3.998E-03	-1.357E-04	-6.128E-04	9.064E-04
30A	0.27609	DIS36	Combination	-4.244	-3.252E-04	-1.357E-04	-6.128E-04	9.438E-04
30A	0.55218	DIS36	Combination	-4.242	3.347E-03	-1.357E-04	-6.128E-04	9.813E-04
30A	0.	DIS37	Combination	-4.664	-4.034E-03	-1.490E-04	-6.726E-04	9.950E-04
30A	0.27609	DIS37	Combination	-4.662	-3.613E-04	-1.490E-04	-6.726E-04	0.001
30A	0.55218	DIS37	Combination	-4.659	3.311E-03	-1.490E-04	-6.726E-04	0.0011
30A	0.	DIS38	Combination	-6.473	-4.190E-03	-2.067E-04	-9.320E-04	0.0014
30A	0.27609	DIS38	Combination	-6.471	-5.177E-04	-2.067E-04	-9.320E-04	0.0014
30A	0.55218	DIS38	Combination	-6.468	3.155E-03	-2.067E-04	-9.320E-04	0.0015
30A	0.	DIS39	Combination	-6.473	-4.190E-03	-2.067E-04	-9.320E-04	0.0014
30A	0.27609	DIS39	Combination	-6.471	-5.177E-04	-2.067E-04	-9.320E-04	0.0014
30A	0.55218	DIS39	Combination	-6.468	3.155E-03	-2.067E-04	-9.320E-04	0.0015
30A	0.	DIS40	Combination	-7.276	-4.260E-03	-2.323E-04	-0.001	0.0015
30A	0.27609	DIS40	Combination	-7.273	-5.871E-04	-2.323E-04	-0.001	0.0016
30A	0.55218	DIS40	Combination	-7.27	3.085E-03	-2.323E-04	-0.001	0.0017
30A	0.	DIS41	Combination	-5.049	-4.067E-03	-1.613E-04	-7.278E-04	0.0011
30A	0.27609	DIS41	Combination	-5.047	-3.946E-04	-1.613E-04	-7.278E-04	0.0011
30A	0.55218	DIS41	Combination	-5.044	3.278E-03	-1.613E-04	-7.278E-04	0.0012
30A	0.	DIS42	Combination	-5.049	-4.067E-03	-1.613E-04	-7.278E-04	0.0011
30A	0.27609	DIS42	Combination	-5.047	-3.946E-04	-1.613E-04	-7.278E-04	0.0011
30A	0.55218	DIS42	Combination	-5.044	3.278E-03	-1.613E-04	-7.278E-04	0.0012
30A	0.	DIS43	Combination	-5.851	-4.137E-03	-1.869E-04	-8.428E-04	0.0012
30A	0.27609	DIS43	Combination	-5.849	-4.640E-04	-1.869E-04	-8.428E-04	0.0013
30A	0.55218	DIS43	Combination	-5.846	3.209E-03	-1.869E-04	-8.428E-04	0.0014
30A	0.	DIS44	Combination	-5.049	-4.067E-03	-1.613E-04	-7.278E-04	0.0011
30A	0.27609	DIS44	Combination	-5.047	-3.946E-04	-1.613E-04	-7.278E-04	0.0011
30A	0.55218	DIS44	Combination	-5.044	3.278E-03	-1.613E-04	-7.278E-04	0.0012
30A	0.	DIS45	Combination	-5.049	-4.067E-03	-1.613E-04	-7.278E-04	0.0011
30A	0.27609	DIS45	Combination	-5.047	-3.946E-04	-1.613E-04	-7.278E-04	0.0011
30A	0.55218	DIS45	Combination	-5.044	3.278E-03	-1.613E-04	-7.278E-04	0.0012
30A	0.	DIS46	Combination	-5.851	-4.137E-03	-1.869E-04	-8.428E-04	0.0012
30A	0.27609	DIS46	Combination	-5.849	-4.640E-04	-1.869E-04	-8.428E-04	0.0013
30A	0.55218	DIS46	Combination	-5.846	3.209E-03	-1.869E-04	-8.428E-04	0.0014
30A	0.	DIS47	Combination	-3.446	-3.925E-03	-1.102E-04	-4.979E-04	7.360E-04
30A	0.27609	DIS47	Combination	-3.444	-2.576E-04	-1.102E-04	-4.979E-04	7.664E-04
30A	0.55218	DIS47	Combination	-3.441	3.410E-03	-1.102E-04	-4.979E-04	7.968E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30A	0.	DIS48	Combination	-3.443	-3.932E-03	-1.101E-04	-4.977E-04	7.358E-04
30A	0.27609	DIS48	Combination	-3.441	-2.542E-04	-1.101E-04	-4.977E-04	7.662E-04
30A	0.55218	DIS48	Combination	-3.438	3.424E-03	-1.101E-04	-4.977E-04	7.966E-04
30A	0.	DIS49	Combination	-3.42	-3.097E-03	1.062E-03	5.276E-04	0.0013
30A	0.27609	DIS49	Combination	-3.417	5.756E-04	1.053E-03	5.276E-04	0.001
30A	0.55218	DIS49	Combination	-3.414	4.248E-03	1.044E-03	5.276E-04	7.406E-04
30A	0.	DIS50	Combination	-3.47	-4.760E-03	-1.282E-03	-0.0015	1.500E-04
30A	0.27609	DIS50	Combination	-3.467	-1.087E-03	-1.273E-03	-0.0015	5.027E-04
30A	0.55218	DIS50	Combination	-3.465	2.585E-03	-1.264E-03	-0.0015	8.529E-04
30A	0.	DIS51	Combination	-4.188	-3.085E-03	-1.338E-04	-6.034E-04	8.928E-04
30A	0.27609	DIS51	Combination	-4.186	-3.306E-04	-1.338E-04	-6.034E-04	9.298E-04
30A	0.55218	DIS51	Combination	-4.184	2.424E-03	-1.338E-04	-6.034E-04	9.667E-04
30A	0.	DIS52	Combination	-4.188	-3.085E-03	-1.338E-04	-6.034E-04	8.928E-04
30A	0.27609	DIS52	Combination	-4.186	-3.306E-04	-1.338E-04	-6.034E-04	9.298E-04
30A	0.55218	DIS52	Combination	-4.184	2.424E-03	-1.338E-04	-6.034E-04	9.667E-04
30A	0.	DIS53	Combination	-4.99	-3.154E-03	-1.593E-04	-7.184E-04	0.0011
30A	0.27609	DIS53	Combination	-4.988	-4.000E-04	-1.593E-04	-7.184E-04	0.0011
30A	0.55218	DIS53	Combination	-4.986	2.354E-03	-1.593E-04	-7.184E-04	0.0012
30A	0.	DIS54	Combination	-2.585	-2.944E-03	-8.269E-05	-3.734E-04	5.520E-04
30A	0.27609	DIS54	Combination	-2.583	-1.932E-04	-8.269E-05	-3.734E-04	5.748E-04
30A	0.55218	DIS54	Combination	-2.581	2.557E-03	-8.269E-05	-3.734E-04	5.976E-04
30A	0.	DIS55	Combination	-2.582	-2.949E-03	-8.257E-05	-3.733E-04	5.519E-04
30A	0.27609	DIS55	Combination	-2.58	-1.906E-04	-8.257E-05	-3.733E-04	5.747E-04
30A	0.55218	DIS55	Combination	-2.579	2.568E-03	-8.257E-05	-3.733E-04	5.975E-04
30A	0.	DIS56	Combination	-2.565	-2.323E-03	7.963E-04	3.957E-04	9.914E-04
30A	0.27609	DIS56	Combination	-2.563	4.317E-04	7.895E-04	3.957E-04	7.725E-04
30A	0.55218	DIS56	Combination	-2.561	3.186E-03	7.828E-04	3.957E-04	5.554E-04
30A	0.	DIS57	Combination	-2.603	-3.570E-03	-9.615E-04	-0.0011	1.125E-04
30A	0.27609	DIS57	Combination	-2.601	-8.155E-04	-9.548E-04	-0.0011	3.770E-04
30A	0.55218	DIS57	Combination	-2.599	1.939E-03	-9.480E-04	-0.0011	6.397E-04
30B	0.	DEAD	LinStatic	2.907	-5.522E-03	9.143E-05	4.224E-04	-5.511E-04
30B	0.27609	DEAD	LinStatic	2.91	-2.462E-03	9.143E-05	4.224E-04	-5.764E-04
30B	0.55218	DEAD	LinStatic	2.912	5.988E-04	9.143E-05	4.224E-04	-6.016E-04
30B	0.	L	LinStatic	0.	0.	0.	0.	0.
30B	0.27609	L	LinStatic	0.	0.	0.	0.	0.
30B	0.55218	L	LinStatic	0.	0.	0.	0.	0.
30B	0.	Lr	LinStatic	2.849	-2.468E-03	9.855E-05	4.170E-04	-5.424E-04
30B	0.27609	Lr	LinStatic	2.849	-2.468E-03	9.855E-05	4.170E-04	-5.696E-04
30B	0.55218	Lr	LinStatic	2.849	-2.468E-03	9.855E-05	4.170E-04	-5.968E-04
30B	0.	G	LinStatic	0.	0.	0.	0.	0.
30B	0.27609	G	LinStatic	0.	0.	0.	0.	0.
30B	0.55218	G	LinStatic	0.	0.	0.	0.	0.
30B	0.	Le	LinStatic	0.	0.	0.	0.	0.
30B	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
30B	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
30B	0.	Wx	LinStatic	1.605	-1.390E-03	5.551E-05	2.349E-04	-3.055E-04
30B	0.27609	Wx	LinStatic	1.605	-1.390E-03	5.551E-05	2.349E-04	-3.208E-04
30B	0.55218	Wx	LinStatic	1.605	-1.390E-03	5.551E-05	2.349E-04	-3.361E-04
30B	0.	Wy	LinStatic	1.605	-1.390E-03	5.551E-05	2.349E-04	-3.055E-04
30B	0.27609	Wy	LinStatic	1.605	-1.390E-03	5.551E-05	2.349E-04	-3.208E-04
30B	0.55218	Wy	LinStatic	1.605	-1.390E-03	5.551E-05	2.349E-04	-3.361E-04
30B	0.	CFx D	LinStatic	1.349E-03	-6.229E-06	-6.713E-08	5.432E-08	-8.642E-08
30B	0.27609	CFx D	LinStatic	1.343E-03	-1.876E-06	-6.713E-08	5.432E-08	-6.789E-08
30B	0.55218	CFx D	LinStatic	1.337E-03	2.477E-06	-6.713E-08	5.432E-08	-4.936E-08

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30B	0.	CFy D	LinStatic	-0.022	7.671E-04	0.	-6.104E-05	0.002
30B	0.27609	CFy D	LinStatic	-0.022	7.671E-04	7.511E-06	-6.104E-05	0.002
30B	0.55218	CFy D	LinStatic	-0.022	7.671E-04	1.502E-05	-6.104E-05	0.0019
30B	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
30B	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
30B	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
30B	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
30B	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
30B	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
30B	0.	CFx Lr	LinStatic	1.352E-03	-1.853E-06	-6.736E-08	4.333E-08	-8.072E-08
30B	0.27609	CFx Lr	LinStatic	1.352E-03	-1.853E-06	-6.736E-08	4.333E-08	-6.212E-08
30B	0.55218	CFx Lr	LinStatic	1.352E-03	-1.853E-06	-6.736E-08	4.333E-08	-4.352E-08
30B	0.	CFy Lr	LinStatic	-0.021	7.545E-04	9.766E-04	1.221E-04	0.002
30B	0.27609	CFy Lr	LinStatic	-0.021	7.545E-04	9.766E-04	1.221E-04	0.0017
30B	0.55218	CFy Lr	LinStatic	-0.021	7.545E-04	9.766E-04	1.221E-04	0.0014
30B	0.	DIS01	Combination	4.072	-7.740E-03	1.279E-04	5.914E-04	-7.717E-04
30B	0.27609	DIS01	Combination	4.075	-3.449E-03	1.279E-04	5.914E-04	-8.070E-04
30B	0.55218	DIS01	Combination	4.078	8.418E-04	1.279E-04	5.914E-04	-8.423E-04
30B	0.	DIS02	Combination	4.069	-7.722E-03	1.281E-04	5.912E-04	-7.715E-04
30B	0.27609	DIS02	Combination	4.072	-3.444E-03	1.281E-04	5.912E-04	-8.068E-04
30B	0.55218	DIS02	Combination	4.075	8.349E-04	1.281E-04	5.912E-04	-8.422E-04
30B	0.	DIS03	Combination	4.04	-6.657E-03	1.280E-04	5.058E-04	0.002
30B	0.27609	DIS03	Combination	4.043	-2.372E-03	1.385E-04	5.058E-04	0.0019
30B	0.55218	DIS03	Combination	4.046	1.912E-03	1.490E-04	5.058E-04	0.0019
30B	0.	DIS04	Combination	4.101	-8.805E-03	1.280E-04	6.767E-04	-0.0035
30B	0.27609	DIS04	Combination	4.104	-4.520E-03	1.175E-04	6.767E-04	-0.0035
30B	0.55218	DIS04	Combination	4.107	-2.357E-04	1.070E-04	6.767E-04	-0.0036
30B	0.	DIS05	Combination	4.916	-7.869E-03	1.589E-04	7.154E-04	-9.327E-04
30B	0.27609	DIS05	Combination	4.918	-4.191E-03	1.589E-04	7.154E-04	-9.765E-04
30B	0.55218	DIS05	Combination	4.921	-5.134E-04	1.589E-04	7.154E-04	-0.001
30B	0.	DIS06	Combination	4.911	-7.852E-03	1.591E-04	7.152E-04	-9.324E-04
30B	0.27609	DIS06	Combination	4.914	-4.185E-03	1.591E-04	7.152E-04	-9.763E-04
30B	0.55218	DIS06	Combination	4.916	-5.175E-04	1.591E-04	7.152E-04	-0.001
30B	0.	DIS07	Combination	4.877	-6.563E-03	6.473E-04	7.031E-04	0.0024
30B	0.27609	DIS07	Combination	4.88	-2.890E-03	6.563E-04	7.031E-04	0.0022
30B	0.55218	DIS07	Combination	4.882	7.824E-04	6.653E-04	7.031E-04	0.002
30B	0.	DIS08	Combination	4.95	-9.158E-03	-3.293E-04	7.275E-04	-0.0043
30B	0.27609	DIS08	Combination	4.953	-5.486E-03	-3.383E-04	7.275E-04	-0.0042
30B	0.55218	DIS08	Combination	4.955	-1.813E-03	-3.473E-04	7.275E-04	-0.0041
30B	0.	DIS09	Combination	3.491	-6.634E-03	1.096E-04	5.069E-04	-6.615E-04
30B	0.27609	DIS09	Combination	3.493	-2.956E-03	1.096E-04	5.069E-04	-6.917E-04
30B	0.55218	DIS09	Combination	3.496	7.215E-04	1.096E-04	5.069E-04	-7.220E-04
30B	0.	DIS10	Combination	3.487	-6.619E-03	1.098E-04	5.068E-04	-6.613E-04
30B	0.27609	DIS10	Combination	3.49	-2.952E-03	1.098E-04	5.068E-04	-6.916E-04
30B	0.55218	DIS10	Combination	3.493	7.156E-04	1.098E-04	5.068E-04	-7.219E-04
30B	0.	DIS11	Combination	3.463	-5.706E-03	1.097E-04	4.336E-04	0.0017
30B	0.27609	DIS11	Combination	3.466	-2.033E-03	1.187E-04	4.336E-04	0.0017
30B	0.55218	DIS11	Combination	3.468	1.639E-03	1.277E-04	4.336E-04	0.0016
30B	0.	DIS12	Combination	3.515	-7.547E-03	1.097E-04	5.801E-04	-0.003
30B	0.27609	DIS12	Combination	3.517	-3.875E-03	1.007E-04	5.801E-04	-0.003
30B	0.55218	DIS12	Combination	3.52	-2.020E-04	9.169E-05	5.801E-04	-0.0031
30B	0.	DIS13	Combination	3.491	-6.634E-03	1.096E-04	5.069E-04	-6.615E-04
30B	0.27609	DIS13	Combination	3.493	-2.956E-03	1.096E-04	5.069E-04	-6.917E-04
30B	0.55218	DIS13	Combination	3.496	7.215E-04	1.096E-04	5.069E-04	-7.220E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30B	0.	DIS14	Combination	3.487	-6.619E-03	1.098E-04	5.068E-04	-6.613E-04
30B	0.27609	DIS14	Combination	3.49	-2.952E-03	1.098E-04	5.068E-04	-6.916E-04
30B	0.55218	DIS14	Combination	3.493	7.156E-04	1.098E-04	5.068E-04	-7.219E-04
30B	0.	DIS15	Combination	3.463	-5.706E-03	1.097E-04	4.336E-04	0.0017
30B	0.27609	DIS15	Combination	3.466	-2.033E-03	1.187E-04	4.336E-04	0.0017
30B	0.55218	DIS15	Combination	3.468	1.639E-03	1.277E-04	4.336E-04	0.0016
30B	0.	DIS16	Combination	3.515	-7.547E-03	1.097E-04	5.801E-04	-0.003
30B	0.27609	DIS16	Combination	3.517	-3.875E-03	1.007E-04	5.801E-04	-0.003
30B	0.55218	DIS16	Combination	3.52	-2.020E-04	9.169E-05	5.801E-04	-0.0031
30B	0.	DIS17	Combination	8.051	-0.011	2.672E-04	0.0012	-0.0015
30B	0.27609	DIS17	Combination	8.054	-6.908E-03	2.672E-04	0.0012	-0.0016
30B	0.55218	DIS17	Combination	8.057	-3.230E-03	2.672E-04	0.0012	-0.0017
30B	0.	DIS18	Combination	8.044	-0.011	2.676E-04	0.0012	-0.0015
30B	0.27609	DIS18	Combination	8.046	-6.898E-03	2.676E-04	0.0012	-0.0016
30B	0.55218	DIS18	Combination	8.049	-3.230E-03	2.676E-04	0.0012	-0.0017
30B	0.	DIS19	Combination	7.988	-8.448E-03	1.830E-03	0.0013	0.0039
30B	0.27609	DIS19	Combination	7.99	-4.775E-03	1.839E-03	0.0013	0.0034
30B	0.55218	DIS19	Combination	7.993	-1.103E-03	1.848E-03	0.0013	0.0029
30B	0.	DIS20	Combination	8.107	-0.013	-1.295E-03	0.0011	-0.007
30B	0.27609	DIS20	Combination	8.11	-9.031E-03	-1.304E-03	0.0011	-0.0066
30B	0.55218	DIS20	Combination	8.113	-5.358E-03	-1.313E-03	0.0011	-0.0063
30B	0.	DIS21	Combination	3.491	-6.634E-03	1.096E-04	5.069E-04	-6.615E-04
30B	0.27609	DIS21	Combination	3.493	-2.956E-03	1.096E-04	5.069E-04	-6.917E-04
30B	0.55218	DIS21	Combination	3.496	7.215E-04	1.096E-04	5.069E-04	-7.220E-04
30B	0.	DIS22	Combination	3.487	-6.619E-03	1.098E-04	5.068E-04	-6.613E-04
30B	0.27609	DIS22	Combination	3.49	-2.952E-03	1.098E-04	5.068E-04	-6.916E-04
30B	0.55218	DIS22	Combination	3.493	7.156E-04	1.098E-04	5.068E-04	-7.219E-04
30B	0.	DIS23	Combination	3.463	-5.706E-03	1.097E-04	4.336E-04	0.0017
30B	0.27609	DIS23	Combination	3.466	-2.033E-03	1.187E-04	4.336E-04	0.0017
30B	0.55218	DIS23	Combination	3.468	1.639E-03	1.277E-04	4.336E-04	0.0016
30B	0.	DIS24	Combination	3.515	-7.547E-03	1.097E-04	5.801E-04	-0.003
30B	0.27609	DIS24	Combination	3.517	-3.875E-03	1.007E-04	5.801E-04	-0.003
30B	0.55218	DIS24	Combination	3.52	-2.020E-04	9.169E-05	5.801E-04	-0.0031
30B	0.	DIS25	Combination	3.491	-6.634E-03	1.096E-04	5.069E-04	-6.615E-04
30B	0.27609	DIS25	Combination	3.493	-2.956E-03	1.096E-04	5.069E-04	-6.917E-04
30B	0.55218	DIS25	Combination	3.496	7.215E-04	1.096E-04	5.069E-04	-7.220E-04
30B	0.	DIS26	Combination	3.487	-6.619E-03	1.098E-04	5.068E-04	-6.613E-04
30B	0.27609	DIS26	Combination	3.49	-2.952E-03	1.098E-04	5.068E-04	-6.916E-04
30B	0.55218	DIS26	Combination	3.493	7.156E-04	1.098E-04	5.068E-04	-7.219E-04
30B	0.	DIS27	Combination	3.463	-5.706E-03	1.097E-04	4.336E-04	0.0017
30B	0.27609	DIS27	Combination	3.466	-2.033E-03	1.187E-04	4.336E-04	0.0017
30B	0.55218	DIS27	Combination	3.468	1.639E-03	1.277E-04	4.336E-04	0.0016
30B	0.	DIS28	Combination	3.515	-7.547E-03	1.097E-04	5.801E-04	-0.003
30B	0.27609	DIS28	Combination	3.517	-3.875E-03	1.007E-04	5.801E-04	-0.003
30B	0.55218	DIS28	Combination	3.52	-2.020E-04	9.169E-05	5.801E-04	-0.0031
30B	0.	DIS29	Combination	8.85	-0.011	2.952E-04	0.0013	-0.0017
30B	0.27609	DIS29	Combination	8.853	-7.598E-03	2.952E-04	0.0013	-0.0018
30B	0.55218	DIS29	Combination	8.855	-3.925E-03	2.952E-04	0.0013	-0.0018
30B	0.	DIS30	Combination	8.85	-0.011	2.952E-04	0.0013	-0.0017
30B	0.27609	DIS30	Combination	8.853	-7.598E-03	2.952E-04	0.0013	-0.0018
30B	0.55218	DIS30	Combination	8.855	-3.925E-03	2.952E-04	0.0013	-0.0018
30B	0.	DIS31	Combination	9.267	-0.012	3.096E-04	0.0014	-0.0018
30B	0.27609	DIS31	Combination	9.27	-7.960E-03	3.096E-04	0.0014	-0.0018
30B	0.55218	DIS31	Combination	9.272	-4.287E-03	3.096E-04	0.0014	-0.0019

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30B	0.	DIS32	Combination	4.291	-7.322E-03	1.375E-04	6.242E-04	-8.141E-04
30B	0.27609	DIS32	Combination	4.294	-3.649E-03	1.375E-04	6.242E-04	-8.521E-04
30B	0.55218	DIS32	Combination	4.297	2.348E-05	1.375E-04	6.242E-04	-8.900E-04
30B	0.	DIS33	Combination	4.291	-7.322E-03	1.375E-04	6.242E-04	-8.141E-04
30B	0.27609	DIS33	Combination	4.294	-3.649E-03	1.375E-04	6.242E-04	-8.521E-04
30B	0.55218	DIS33	Combination	4.297	2.348E-05	1.375E-04	6.242E-04	-8.900E-04
30B	0.	DIS34	Combination	4.709	-7.683E-03	1.519E-04	6.853E-04	-8.935E-04
30B	0.27609	DIS34	Combination	4.711	-4.011E-03	1.519E-04	6.853E-04	-9.355E-04
30B	0.55218	DIS34	Combination	4.714	-3.380E-04	1.519E-04	6.853E-04	-9.774E-04
30B	0.	DIS35	Combination	4.291	-7.322E-03	1.375E-04	6.242E-04	-8.141E-04
30B	0.27609	DIS35	Combination	4.294	-3.649E-03	1.375E-04	6.242E-04	-8.521E-04
30B	0.55218	DIS35	Combination	4.297	2.348E-05	1.375E-04	6.242E-04	-8.900E-04
30B	0.	DIS36	Combination	4.291	-7.322E-03	1.375E-04	6.242E-04	-8.141E-04
30B	0.27609	DIS36	Combination	4.294	-3.649E-03	1.375E-04	6.242E-04	-8.521E-04
30B	0.55218	DIS36	Combination	4.297	2.348E-05	1.375E-04	6.242E-04	-8.900E-04
30B	0.	DIS37	Combination	4.709	-7.683E-03	1.519E-04	6.853E-04	-8.935E-04
30B	0.27609	DIS37	Combination	4.711	-4.011E-03	1.519E-04	6.853E-04	-9.355E-04
30B	0.55218	DIS37	Combination	4.714	-3.380E-04	1.519E-04	6.853E-04	-9.774E-04
30B	0.	DIS38	Combination	6.518	-9.251E-03	2.145E-04	9.502E-04	-0.0012
30B	0.27609	DIS38	Combination	6.521	-5.578E-03	2.145E-04	9.502E-04	-0.0013
30B	0.55218	DIS38	Combination	6.524	-1.906E-03	2.145E-04	9.502E-04	-0.0014
30B	0.	DIS39	Combination	6.518	-9.251E-03	2.145E-04	9.502E-04	-0.0012
30B	0.27609	DIS39	Combination	6.521	-5.578E-03	2.145E-04	9.502E-04	-0.0013
30B	0.55218	DIS39	Combination	6.524	-1.906E-03	2.145E-04	9.502E-04	-0.0014
30B	0.	DIS40	Combination	7.321	-9.946E-03	2.423E-04	0.0011	-0.0014
30B	0.27609	DIS40	Combination	7.323	-6.273E-03	2.423E-04	0.0011	-0.0015
30B	0.55218	DIS40	Combination	7.326	-2.601E-03	2.423E-04	0.0011	-0.0015
30B	0.	DIS41	Combination	5.094	-8.017E-03	1.652E-04	7.417E-04	-9.668E-04
30B	0.27609	DIS41	Combination	5.096	-4.344E-03	1.652E-04	7.417E-04	-0.001
30B	0.55218	DIS41	Combination	5.099	-6.716E-04	1.652E-04	7.417E-04	-0.0011
30B	0.	DIS42	Combination	5.094	-8.017E-03	1.652E-04	7.417E-04	-9.668E-04
30B	0.27609	DIS42	Combination	5.096	-4.344E-03	1.652E-04	7.417E-04	-0.001
30B	0.55218	DIS42	Combination	5.099	-6.716E-04	1.652E-04	7.417E-04	-0.0011
30B	0.	DIS43	Combination	5.896	-8.712E-03	1.930E-04	8.591E-04	-0.0011
30B	0.27609	DIS43	Combination	5.899	-5.039E-03	1.930E-04	8.591E-04	-0.0012
30B	0.55218	DIS43	Combination	5.901	-1.367E-03	1.930E-04	8.591E-04	-0.0012
30B	0.	DIS44	Combination	5.094	-8.017E-03	1.652E-04	7.417E-04	-9.668E-04
30B	0.27609	DIS44	Combination	5.096	-4.344E-03	1.652E-04	7.417E-04	-0.001
30B	0.55218	DIS44	Combination	5.099	-6.716E-04	1.652E-04	7.417E-04	-0.0011
30B	0.	DIS45	Combination	5.094	-8.017E-03	1.652E-04	7.417E-04	-9.668E-04
30B	0.27609	DIS45	Combination	5.096	-4.344E-03	1.652E-04	7.417E-04	-0.001
30B	0.55218	DIS45	Combination	5.099	-6.716E-04	1.652E-04	7.417E-04	-0.0011
30B	0.	DIS46	Combination	5.896	-8.712E-03	1.930E-04	8.591E-04	-0.0011
30B	0.27609	DIS46	Combination	5.899	-5.039E-03	1.930E-04	8.591E-04	-0.0012
30B	0.55218	DIS46	Combination	5.901	-1.367E-03	1.930E-04	8.591E-04	-0.0012
30B	0.	DIS47	Combination	3.491	-6.634E-03	1.096E-04	5.069E-04	-6.615E-04
30B	0.27609	DIS47	Combination	3.493	-2.956E-03	1.096E-04	5.069E-04	-6.917E-04
30B	0.55218	DIS47	Combination	3.496	7.215E-04	1.096E-04	5.069E-04	-7.220E-04
30B	0.	DIS48	Combination	3.487	-6.619E-03	1.098E-04	5.068E-04	-6.613E-04
30B	0.27609	DIS48	Combination	3.49	-2.952E-03	1.098E-04	5.068E-04	-6.916E-04
30B	0.55218	DIS48	Combination	3.493	7.156E-04	1.098E-04	5.068E-04	-7.219E-04
30B	0.	DIS49	Combination	3.463	-5.706E-03	1.097E-04	4.336E-04	0.0017
30B	0.27609	DIS49	Combination	3.466	-2.033E-03	1.187E-04	4.336E-04	0.0017
30B	0.55218	DIS49	Combination	3.468	1.639E-03	1.277E-04	4.336E-04	0.0016

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30B	0.	DIS50	Combination	3.515	-7.547E-03	1.097E-04	5.801E-04	-0.003
30B	0.27609	DIS50	Combination	3.517	-3.875E-03	1.007E-04	5.801E-04	-0.003
30B	0.55218	DIS50	Combination	3.52	-2.020E-04	9.169E-05	5.801E-04	-0.0031
30B	0.	DIS51	Combination	4.222	-6.360E-03	1.378E-04	6.150E-04	-8.015E-04
30B	0.27609	DIS51	Combination	4.223	-3.606E-03	1.378E-04	6.150E-04	-8.396E-04
30B	0.55218	DIS51	Combination	4.225	-8.513E-04	1.378E-04	6.150E-04	-8.776E-04
30B	0.	DIS52	Combination	4.222	-6.360E-03	1.378E-04	6.150E-04	-8.015E-04
30B	0.27609	DIS52	Combination	4.223	-3.606E-03	1.378E-04	6.150E-04	-8.396E-04
30B	0.55218	DIS52	Combination	4.225	-8.513E-04	1.378E-04	6.150E-04	-8.776E-04
30B	0.	DIS53	Combination	5.024	-7.055E-03	1.656E-04	7.324E-04	-9.543E-04
30B	0.27609	DIS53	Combination	5.026	-4.301E-03	1.656E-04	7.324E-04	-1.000E-03
30B	0.55218	DIS53	Combination	5.028	-1.546E-03	1.656E-04	7.324E-04	-0.001
30B	0.	DIS54	Combination	2.618	-4.976E-03	8.223E-05	3.802E-04	-4.961E-04
30B	0.27609	DIS54	Combination	2.62	-2.217E-03	8.223E-05	3.802E-04	-5.188E-04
30B	0.55218	DIS54	Combination	2.622	5.412E-04	8.223E-05	3.802E-04	-5.415E-04
30B	0.	DIS55	Combination	2.616	-4.964E-03	8.235E-05	3.801E-04	-4.959E-04
30B	0.27609	DIS55	Combination	2.617	-2.214E-03	8.235E-05	3.801E-04	-5.187E-04
30B	0.55218	DIS55	Combination	2.619	5.367E-04	8.235E-05	3.801E-04	-5.414E-04
30B	0.	DIS56	Combination	2.597	-4.280E-03	8.229E-05	3.252E-04	0.0013
30B	0.27609	DIS56	Combination	2.599	-1.525E-03	8.905E-05	3.252E-04	0.0012
30B	0.55218	DIS56	Combination	2.601	1.229E-03	9.581E-05	3.252E-04	0.0012
30B	0.	DIS57	Combination	2.636	-5.660E-03	8.229E-05	4.350E-04	-0.0023
30B	0.27609	DIS57	Combination	2.638	-2.906E-03	7.553E-05	4.350E-04	-0.0023
30B	0.55218	DIS57	Combination	2.64	-1.515E-04	6.877E-05	4.350E-04	-0.0023
30C	0.	DEAD	LinStatic	-4.765	-1.067E-03	-3.420E-04	-3.700E-04	3.127E-04
30C	0.27609	DEAD	LinStatic	-4.763	1.994E-03	-3.420E-04	-3.700E-04	4.071E-04
30C	0.55218	DEAD	LinStatic	-4.761	5.054E-03	-3.420E-04	-3.700E-04	5.016E-04
30C	0.	L	LinStatic	0.	0.	0.	0.	0.
30C	0.27609	L	LinStatic	0.	0.	0.	0.	0.
30C	0.55218	L	LinStatic	0.	0.	0.	0.	0.
30C	0.	Lr	LinStatic	-4.716	2.015E-03	-3.262E-04	-3.661E-04	3.123E-04
30C	0.27609	Lr	LinStatic	-4.716	2.015E-03	-3.262E-04	-3.661E-04	4.024E-04
30C	0.55218	Lr	LinStatic	-4.716	2.015E-03	-3.262E-04	-3.661E-04	4.924E-04
30C	0.	G	LinStatic	0.	0.	0.	0.	0.
30C	0.27609	G	LinStatic	0.	0.	0.	0.	0.
30C	0.55218	G	LinStatic	0.	0.	0.	0.	0.
30C	0.	Le	LinStatic	0.	0.	0.	0.	0.
30C	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
30C	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
30C	0.	Wx	LinStatic	-2.656	1.135E-03	-1.837E-04	-2.062E-04	1.759E-04
30C	0.27609	Wx	LinStatic	-2.656	1.135E-03	-1.837E-04	-2.062E-04	2.267E-04
30C	0.55218	Wx	LinStatic	-2.656	1.135E-03	-1.837E-04	-2.062E-04	2.774E-04
30C	0.	Wy	LinStatic	-2.656	1.135E-03	-1.837E-04	-2.062E-04	1.759E-04
30C	0.27609	Wy	LinStatic	-2.656	1.135E-03	-1.837E-04	-2.062E-04	2.267E-04
30C	0.55218	Wy	LinStatic	-2.656	1.135E-03	-1.837E-04	-2.062E-04	2.774E-04
30C	0.	CFx D	LinStatic	-1.345E-03	3.534E-06	-7.677E-08	-2.624E-08	2.241E-08
30C	0.27609	CFx D	LinStatic	-1.339E-03	-8.188E-07	-7.677E-08	-2.624E-08	4.361E-08
30C	0.55218	CFx D	LinStatic	-1.333E-03	-5.171E-06	-7.677E-08	-2.624E-08	6.480E-08
30C	0.	CFy D	LinStatic	0.011	-9.590E-04	1.953E-03	0.0011	9.766E-04
30C	0.27609	CFy D	LinStatic	0.011	-9.590E-04	1.946E-03	0.0011	4.384E-04
30C	0.55218	CFy D	LinStatic	0.011	-9.590E-04	1.938E-03	0.0011	-9.776E-05
30C	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
30C	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
30C	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30C	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
30C	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
30C	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
30C	0.	CFx Lr	LinStatic	-1.348E-03	-7.952E-07	-7.560E-08	-3.592E-08	2.704E-08
30C	0.27609	CFx Lr	LinStatic	-1.348E-03	-7.952E-07	-7.560E-08	-3.592E-08	4.791E-08
30C	0.55218	CFx Lr	LinStatic	-1.348E-03	-7.952E-07	-7.560E-08	-3.592E-08	6.878E-08
30C	0.	CFy Lr	LinStatic	0.011	-1.008E-03	0.	9.766E-04	9.766E-04
30C	0.27609	CFy Lr	LinStatic	0.011	-1.008E-03	0.	9.766E-04	9.766E-04
30C	0.55218	CFy Lr	LinStatic	0.011	-1.008E-03	0.	9.766E-04	9.766E-04
30C	0.	DIS01	Combination	-6.673	-1.489E-03	-4.789E-04	-5.181E-04	4.378E-04
30C	0.27609	DIS01	Combination	-6.67	2.790E-03	-4.789E-04	-5.181E-04	5.701E-04
30C	0.55218	DIS01	Combination	-6.667	7.069E-03	-4.789E-04	-5.181E-04	7.023E-04
30C	0.	DIS02	Combination	-6.669	-1.498E-03	-4.787E-04	-5.180E-04	4.378E-04
30C	0.27609	DIS02	Combination	-6.666	2.792E-03	-4.787E-04	-5.180E-04	5.699E-04
30C	0.55218	DIS02	Combination	-6.663	7.083E-03	-4.787E-04	-5.180E-04	7.021E-04
30C	0.	DIS03	Combination	-6.656	-2.836E-03	2.256E-03	0.001	0.0018
30C	0.27609	DIS03	Combination	-6.653	1.449E-03	2.245E-03	0.001	0.0012
30C	0.55218	DIS03	Combination	-6.65	5.733E-03	2.235E-03	0.001	5.653E-04
30C	0.	DIS04	Combination	-6.686	-1.509E-04	-3.213E-03	-0.0021	-9.294E-04
30C	0.27609	DIS04	Combination	-6.683	4.134E-03	-3.203E-03	-0.0021	-4.372E-05
30C	0.55218	DIS04	Combination	-6.68	8.418E-03	-3.192E-03	-0.0021	8.391E-04
30C	0.	DIS05	Combination	-8.078	-2.688E-04	-5.736E-04	-6.272E-04	5.315E-04
30C	0.27609	DIS05	Combination	-8.076	3.399E-03	-5.736E-04	-6.272E-04	6.898E-04
30C	0.55218	DIS05	Combination	-8.073	7.066E-03	-5.736E-04	-6.272E-04	8.482E-04
30C	0.	DIS06	Combination	-8.074	-2.764E-04	-5.734E-04	-6.271E-04	5.314E-04
30C	0.27609	DIS06	Combination	-8.071	3.401E-03	-5.734E-04	-6.271E-04	6.897E-04
30C	0.55218	DIS06	Combination	-8.068	7.079E-03	-5.734E-04	-6.271E-04	8.480E-04
30C	0.	DIS07	Combination	-8.057	-1.927E-03	1.770E-03	0.0012	0.0022
30C	0.27609	DIS07	Combination	-8.055	1.745E-03	1.761E-03	0.0012	0.0017
30C	0.55218	DIS07	Combination	-8.052	5.418E-03	1.752E-03	0.0012	0.0012
30C	0.	DIS08	Combination	-8.095	1.382E-03	-2.917E-03	-0.0024	-0.0011
30C	0.27609	DIS08	Combination	-8.092	5.055E-03	-2.908E-03	-0.0024	-3.246E-04
30C	0.55218	DIS08	Combination	-8.089	8.727E-03	-2.899E-03	-0.0024	4.771E-04
30C	0.	DIS09	Combination	-5.72	-1.276E-03	-4.105E-04	-4.441E-04	3.753E-04
30C	0.27609	DIS09	Combination	-5.717	2.392E-03	-4.105E-04	-4.441E-04	4.886E-04
30C	0.55218	DIS09	Combination	-5.714	6.059E-03	-4.105E-04	-4.441E-04	6.020E-04
30C	0.	DIS10	Combination	-5.716	-1.284E-03	-4.103E-04	-4.440E-04	3.752E-04
30C	0.27609	DIS10	Combination	-5.714	2.393E-03	-4.103E-04	-4.440E-04	4.885E-04
30C	0.55218	DIS10	Combination	-5.711	6.071E-03	-4.103E-04	-4.440E-04	6.018E-04
30C	0.	DIS11	Combination	-5.705	-2.431E-03	1.933E-03	8.743E-04	0.0015
30C	0.27609	DIS11	Combination	-5.702	1.242E-03	1.924E-03	8.743E-04	0.001
30C	0.55218	DIS11	Combination	-5.7	4.914E-03	1.915E-03	8.743E-04	4.846E-04
30C	0.	DIS12	Combination	-5.731	-1.294E-04	-2.754E-03	-0.0018	-7.966E-04
30C	0.27609	DIS12	Combination	-5.729	3.543E-03	-2.745E-03	-0.0018	-3.747E-05
30C	0.55218	DIS12	Combination	-5.726	7.216E-03	-2.736E-03	-0.0018	7.192E-04
30C	0.	DIS13	Combination	-5.72	-1.276E-03	-4.105E-04	-4.441E-04	3.753E-04
30C	0.27609	DIS13	Combination	-5.717	2.392E-03	-4.105E-04	-4.441E-04	4.886E-04
30C	0.55218	DIS13	Combination	-5.714	6.059E-03	-4.105E-04	-4.441E-04	6.020E-04
30C	0.	DIS14	Combination	-5.716	-1.284E-03	-4.103E-04	-4.440E-04	3.752E-04
30C	0.27609	DIS14	Combination	-5.714	2.393E-03	-4.103E-04	-4.440E-04	4.885E-04
30C	0.55218	DIS14	Combination	-5.711	6.071E-03	-4.103E-04	-4.440E-04	6.018E-04
30C	0.	DIS15	Combination	-5.705	-2.431E-03	1.933E-03	8.743E-04	0.0015
30C	0.27609	DIS15	Combination	-5.702	1.242E-03	1.924E-03	8.743E-04	0.001
30C	0.55218	DIS15	Combination	-5.7	4.914E-03	1.915E-03	8.743E-04	4.846E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30C	0.	DIS16	Combination	-5.731	-1.294E-04	-2.754E-03	-0.0018	-7.966E-04
30C	0.27609	DIS16	Combination	-5.729	3.543E-03	-2.745E-03	-0.0018	-3.747E-05
30C	0.55218	DIS16	Combination	-5.726	7.216E-03	-2.736E-03	-0.0018	7.192E-04
30C	0.	DIS17	Combination	-13.267	1.947E-03	-9.325E-04	-0.001	8.751E-04
30C	0.27609	DIS17	Combination	-13.264	5.614E-03	-9.325E-04	-0.001	0.0011
30C	0.55218	DIS17	Combination	-13.262	9.282E-03	-9.325E-04	-0.001	0.0014
30C	0.	DIS18	Combination	-13.259	1.941E-03	-9.321E-04	-0.001	8.749E-04
30C	0.27609	DIS18	Combination	-13.257	5.619E-03	-9.321E-04	-0.001	0.0011
30C	0.55218	DIS18	Combination	-13.254	9.297E-03	-9.321E-04	-0.001	0.0014
30C	0.	DIS19	Combination	-13.233	-8.198E-04	1.411E-03	0.0019	0.0036
30C	0.27609	DIS19	Combination	-13.23	2.853E-03	1.402E-03	0.0019	0.0032
30C	0.55218	DIS19	Combination	-13.227	6.525E-03	1.393E-03	0.0019	0.0028
30C	0.	DIS20	Combination	-13.294	4.708E-03	-3.276E-03	-0.0039	-0.0019
30C	0.27609	DIS20	Combination	-13.291	8.380E-03	-3.267E-03	-0.0039	-9.561E-04
30C	0.55218	DIS20	Combination	-13.288	0.012	-3.258E-03	-0.0039	-5.540E-05
30C	0.	DIS21	Combination	-5.72	-1.276E-03	-4.105E-04	-4.441E-04	3.753E-04
30C	0.27609	DIS21	Combination	-5.717	2.392E-03	-4.105E-04	-4.441E-04	4.886E-04
30C	0.55218	DIS21	Combination	-5.714	6.059E-03	-4.105E-04	-4.441E-04	6.020E-04
30C	0.	DIS22	Combination	-5.716	-1.284E-03	-4.103E-04	-4.440E-04	3.752E-04
30C	0.27609	DIS22	Combination	-5.714	2.393E-03	-4.103E-04	-4.440E-04	4.885E-04
30C	0.55218	DIS22	Combination	-5.711	6.071E-03	-4.103E-04	-4.440E-04	6.018E-04
30C	0.	DIS23	Combination	-5.705	-2.431E-03	1.933E-03	8.743E-04	0.0015
30C	0.27609	DIS23	Combination	-5.702	1.242E-03	1.924E-03	8.743E-04	0.001
30C	0.55218	DIS23	Combination	-5.7	4.914E-03	1.915E-03	8.743E-04	4.846E-04
30C	0.	DIS24	Combination	-5.731	-1.294E-04	-2.754E-03	-0.0018	-7.966E-04
30C	0.27609	DIS24	Combination	-5.729	3.543E-03	-2.745E-03	-0.0018	-3.747E-05
30C	0.55218	DIS24	Combination	-5.726	7.216E-03	-2.736E-03	-0.0018	7.192E-04
30C	0.	DIS25	Combination	-5.72	-1.276E-03	-4.105E-04	-4.441E-04	3.753E-04
30C	0.27609	DIS25	Combination	-5.717	2.392E-03	-4.105E-04	-4.441E-04	4.886E-04
30C	0.55218	DIS25	Combination	-5.714	6.059E-03	-4.105E-04	-4.441E-04	6.020E-04
30C	0.	DIS26	Combination	-5.716	-1.284E-03	-4.103E-04	-4.440E-04	3.752E-04
30C	0.27609	DIS26	Combination	-5.714	2.393E-03	-4.103E-04	-4.440E-04	4.885E-04
30C	0.55218	DIS26	Combination	-5.711	6.071E-03	-4.103E-04	-4.440E-04	6.018E-04
30C	0.	DIS27	Combination	-5.705	-2.431E-03	1.933E-03	8.743E-04	0.0015
30C	0.27609	DIS27	Combination	-5.702	1.242E-03	1.924E-03	8.743E-04	0.001
30C	0.55218	DIS27	Combination	-5.7	4.914E-03	1.915E-03	8.743E-04	4.846E-04
30C	0.	DIS28	Combination	-5.731	-1.294E-04	-2.754E-03	-0.0018	-7.966E-04
30C	0.27609	DIS28	Combination	-5.729	3.543E-03	-2.745E-03	-0.0018	-3.747E-05
30C	0.55218	DIS28	Combination	-5.726	7.216E-03	-2.736E-03	-0.0018	7.192E-04
30C	0.	DIS29	Combination	-14.591	2.511E-03	-1.024E-03	-0.0011	9.630E-04
30C	0.27609	DIS29	Combination	-14.589	6.184E-03	-1.024E-03	-0.0011	0.0012
30C	0.55218	DIS29	Combination	-14.586	9.857E-03	-1.024E-03	-0.0011	0.0015
30C	0.	DIS30	Combination	-14.591	2.511E-03	-1.024E-03	-0.0011	9.630E-04
30C	0.27609	DIS30	Combination	-14.589	6.184E-03	-1.024E-03	-0.0011	0.0012
30C	0.55218	DIS30	Combination	-14.586	9.857E-03	-1.024E-03	-0.0011	0.0015
30C	0.	DIS31	Combination	-15.282	2.807E-03	-1.072E-03	-0.0012	0.001
30C	0.27609	DIS31	Combination	-15.279	6.479E-03	-1.072E-03	-0.0012	0.0013
30C	0.55218	DIS31	Combination	-15.277	0.01	-1.072E-03	-0.0012	0.0016
30C	0.	DIS32	Combination	-7.046	-7.126E-04	-5.023E-04	-5.472E-04	4.632E-04
30C	0.27609	DIS32	Combination	-7.044	2.960E-03	-5.023E-04	-5.472E-04	6.019E-04
30C	0.55218	DIS32	Combination	-7.041	6.633E-03	-5.023E-04	-5.472E-04	7.406E-04
30C	0.	DIS33	Combination	-7.046	-7.126E-04	-5.023E-04	-5.472E-04	4.632E-04
30C	0.27609	DIS33	Combination	-7.044	2.960E-03	-5.023E-04	-5.472E-04	6.019E-04
30C	0.55218	DIS33	Combination	-7.041	6.633E-03	-5.023E-04	-5.472E-04	7.406E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30C	0.	DIS34	Combination	-7.737	-4.175E-04	-5.500E-04	-6.008E-04	5.090E-04
30C	0.27609	DIS34	Combination	-7.734	3.255E-03	-5.500E-04	-6.008E-04	6.608E-04
30C	0.55218	DIS34	Combination	-7.732	6.928E-03	-5.500E-04	-6.008E-04	8.127E-04
30C	0.	DIS35	Combination	-7.046	-7.126E-04	-5.023E-04	-5.472E-04	4.632E-04
30C	0.27609	DIS35	Combination	-7.044	2.960E-03	-5.023E-04	-5.472E-04	6.019E-04
30C	0.55218	DIS35	Combination	-7.041	6.633E-03	-5.023E-04	-5.472E-04	7.406E-04
30C	0.	DIS36	Combination	-7.046	-7.126E-04	-5.023E-04	-5.472E-04	4.632E-04
30C	0.27609	DIS36	Combination	-7.044	2.960E-03	-5.023E-04	-5.472E-04	6.019E-04
30C	0.55218	DIS36	Combination	-7.041	6.633E-03	-5.023E-04	-5.472E-04	7.406E-04
30C	0.	DIS37	Combination	-7.737	-4.175E-04	-5.500E-04	-6.008E-04	5.090E-04
30C	0.27609	DIS37	Combination	-7.734	3.255E-03	-5.500E-04	-6.008E-04	6.608E-04
30C	0.55218	DIS37	Combination	-7.732	6.928E-03	-5.500E-04	-6.008E-04	8.127E-04
30C	0.	DIS38	Combination	-10.732	8.624E-04	-7.572E-04	-8.333E-04	7.074E-04
30C	0.27609	DIS38	Combination	-10.73	4.535E-03	-7.572E-04	-8.333E-04	9.164E-04
30C	0.55218	DIS38	Combination	-10.727	8.208E-03	-7.572E-04	-8.333E-04	0.0011
30C	0.	DIS39	Combination	-10.732	8.624E-04	-7.572E-04	-8.333E-04	7.074E-04
30C	0.27609	DIS39	Combination	-10.73	4.535E-03	-7.572E-04	-8.333E-04	9.164E-04
30C	0.55218	DIS39	Combination	-10.727	8.208E-03	-7.572E-04	-8.333E-04	0.0011
30C	0.	DIS40	Combination	-12.06	1.430E-03	-8.491E-04	-9.364E-04	7.953E-04
30C	0.27609	DIS40	Combination	-12.058	5.102E-03	-8.491E-04	-9.364E-04	0.001
30C	0.55218	DIS40	Combination	-12.055	8.775E-03	-8.491E-04	-9.364E-04	0.0013
30C	0.	DIS41	Combination	-8.374	-1.451E-04	-5.941E-04	-6.503E-04	5.512E-04
30C	0.27609	DIS41	Combination	-8.372	3.527E-03	-5.941E-04	-6.503E-04	7.152E-04
30C	0.55218	DIS41	Combination	-8.369	7.200E-03	-5.941E-04	-6.503E-04	8.793E-04
30C	0.	DIS42	Combination	-8.374	-1.451E-04	-5.941E-04	-6.503E-04	5.512E-04
30C	0.27609	DIS42	Combination	-8.372	3.527E-03	-5.941E-04	-6.503E-04	7.152E-04
30C	0.55218	DIS42	Combination	-8.369	7.200E-03	-5.941E-04	-6.503E-04	8.793E-04
30C	0.	DIS43	Combination	-9.702	4.224E-04	-6.860E-04	-7.534E-04	6.392E-04
30C	0.27609	DIS43	Combination	-9.7	4.095E-03	-6.860E-04	-7.534E-04	8.285E-04
30C	0.55218	DIS43	Combination	-9.697	7.768E-03	-6.860E-04	-7.534E-04	0.001
30C	0.	DIS44	Combination	-8.374	-1.451E-04	-5.941E-04	-6.503E-04	5.512E-04
30C	0.27609	DIS44	Combination	-8.372	3.527E-03	-5.941E-04	-6.503E-04	7.152E-04
30C	0.55218	DIS44	Combination	-8.369	7.200E-03	-5.941E-04	-6.503E-04	8.793E-04
30C	0.	DIS45	Combination	-8.374	-1.451E-04	-5.941E-04	-6.503E-04	5.512E-04
30C	0.27609	DIS45	Combination	-8.372	3.527E-03	-5.941E-04	-6.503E-04	7.152E-04
30C	0.55218	DIS45	Combination	-8.369	7.200E-03	-5.941E-04	-6.503E-04	8.793E-04
30C	0.	DIS46	Combination	-9.702	4.224E-04	-6.860E-04	-7.534E-04	6.392E-04
30C	0.27609	DIS46	Combination	-9.7	4.095E-03	-6.860E-04	-7.534E-04	8.285E-04
30C	0.55218	DIS46	Combination	-9.697	7.768E-03	-6.860E-04	-7.534E-04	0.001
30C	0.	DIS47	Combination	-5.72	-1.276E-03	-4.105E-04	-4.441E-04	3.753E-04
30C	0.27609	DIS47	Combination	-5.717	2.392E-03	-4.105E-04	-4.441E-04	4.886E-04
30C	0.55218	DIS47	Combination	-5.714	6.059E-03	-4.105E-04	-4.441E-04	6.020E-04
30C	0.	DIS48	Combination	-5.716	-1.284E-03	-4.103E-04	-4.440E-04	3.752E-04
30C	0.27609	DIS48	Combination	-5.714	2.393E-03	-4.103E-04	-4.440E-04	4.885E-04
30C	0.55218	DIS48	Combination	-5.711	6.071E-03	-4.103E-04	-4.440E-04	6.018E-04
30C	0.	DIS49	Combination	-5.705	-2.431E-03	1.933E-03	8.743E-04	0.0015
30C	0.27609	DIS49	Combination	-5.702	1.242E-03	1.924E-03	8.743E-04	0.001
30C	0.55218	DIS49	Combination	-5.7	4.914E-03	1.915E-03	8.743E-04	4.846E-04
30C	0.	DIS50	Combination	-5.731	-1.294E-04	-2.754E-03	-0.0018	-7.966E-04
30C	0.27609	DIS50	Combination	-5.729	3.543E-03	-2.745E-03	-0.0018	-3.747E-05
30C	0.55218	DIS50	Combination	-5.726	7.216E-03	-2.736E-03	-0.0018	7.192E-04
30C	0.	DIS51	Combination	-6.945	1.749E-04	-4.915E-04	-5.393E-04	4.574E-04
30C	0.27609	DIS51	Combination	-6.943	2.929E-03	-4.915E-04	-5.393E-04	5.931E-04
30C	0.55218	DIS51	Combination	-6.941	5.684E-03	-4.915E-04	-5.393E-04	7.288E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30C	0.	DIS52	Combination	-6.945	1.749E-04	-4.915E-04	-5.393E-04	4.574E-04
30C	0.27609	DIS52	Combination	-6.943	2.929E-03	-4.915E-04	-5.393E-04	5.931E-04
30C	0.55218	DIS52	Combination	-6.941	5.684E-03	-4.915E-04	-5.393E-04	7.288E-04
30C	0.	DIS53	Combination	-8.273	7.424E-04	-5.834E-04	-6.424E-04	5.453E-04
30C	0.27609	DIS53	Combination	-8.271	3.497E-03	-5.834E-04	-6.424E-04	7.064E-04
30C	0.55218	DIS53	Combination	-8.269	6.251E-03	-5.834E-04	-6.424E-04	8.675E-04
30C	0.	DIS54	Combination	-4.29	-9.569E-04	-3.079E-04	-3.331E-04	2.815E-04
30C	0.27609	DIS54	Combination	-4.288	1.794E-03	-3.079E-04	-3.331E-04	3.665E-04
30C	0.55218	DIS54	Combination	-4.286	4.544E-03	-3.079E-04	-3.331E-04	4.515E-04
30C	0.	DIS55	Combination	-4.287	-9.633E-04	-3.077E-04	-3.330E-04	2.814E-04
30C	0.27609	DIS55	Combination	-4.285	1.795E-03	-3.077E-04	-3.330E-04	3.664E-04
30C	0.55218	DIS55	Combination	-4.283	4.553E-03	-3.077E-04	-3.330E-04	4.513E-04
30C	0.	DIS56	Combination	-4.279	-1.823E-03	1.450E-03	6.557E-04	0.0012
30C	0.27609	DIS56	Combination	-4.277	9.313E-04	1.443E-03	6.557E-04	7.610E-04
30C	0.55218	DIS56	Combination	-4.275	3.686E-03	1.436E-03	6.557E-04	3.634E-04
30C	0.	DIS57	Combination	-4.298	-9.702E-05	-2.066E-03	-0.0013	-5.975E-04
30C	0.27609	DIS57	Combination	-4.296	2.657E-03	-2.059E-03	-0.0013	-2.810E-05
30C	0.55218	DIS57	Combination	-4.295	5.412E-03	-2.052E-03	-0.0013	5.394E-04
311	0.	DEAD	LinStatic	-5.696	-0.482	3.718E-03	-6.717E-05	0.0043
311	0.45	DEAD	LinStatic	-5.696	0.062	3.718E-03	-6.717E-05	0.0026
311	0.9	DEAD	LinStatic	-5.696	0.606	3.718E-03	-6.717E-05	9.769E-04
311	0.	L	LinStatic	0.	0.	0.	0.	0.
311	0.45	L	LinStatic	0.	0.	0.	0.	0.
311	0.9	L	LinStatic	0.	0.	0.	0.	0.
311	0.	Lr	LinStatic	-5.607	-0.488	3.745E-03	-6.794E-05	0.0044
311	0.45	Lr	LinStatic	-5.607	0.063	3.745E-03	-6.794E-05	0.0027
311	0.9	Lr	LinStatic	-5.607	0.614	3.745E-03	-6.794E-05	9.996E-04
311	0.	G	LinStatic	0.	0.	0.	0.	0.
311	0.45	G	LinStatic	0.	0.	0.	0.	0.
311	0.9	G	LinStatic	0.	0.	0.	0.	0.
311	0.	Le	LinStatic	0.	0.	0.	0.	0.
311	0.45	Le	LinStatic	0.	0.	0.	0.	0.
311	0.9	Le	LinStatic	0.	0.	0.	0.	0.
311	0.	Wx	LinStatic	-3.159	-0.275	2.109E-03	-3.827E-05	0.0025
311	0.45	Wx	LinStatic	-3.159	0.036	2.109E-03	-3.827E-05	0.0015
311	0.9	Wx	LinStatic	-3.159	0.346	2.109E-03	-3.827E-05	5.630E-04
311	0.	Wy	LinStatic	-3.159	-0.275	2.109E-03	-3.827E-05	0.0025
311	0.45	Wy	LinStatic	-3.159	0.036	2.109E-03	-3.827E-05	0.0015
311	0.9	Wy	LinStatic	-3.159	0.346	2.109E-03	-3.827E-05	5.630E-04
311	0.	CFx D	LinStatic	1.098E-03	-4.236E-06	-2.084E-07	4.537E-09	2.009E-07
311	0.45	CFx D	LinStatic	1.109E-05	-4.236E-06	-2.084E-07	4.537E-09	2.947E-07
311	0.9	CFx D	LinStatic	-1.076E-03	-4.236E-06	-2.084E-07	4.537E-09	3.884E-07
311	0.	CFy D	LinStatic	0.019	-7.813E-03	-7.813E-03	1.526E-05	0.
311	0.45	CFy D	LinStatic	0.019	-7.813E-03	-6.725E-03	1.526E-05	0.0033
311	0.9	CFy D	LinStatic	0.019	-7.813E-03	-5.638E-03	1.526E-05	0.0061
311	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
311	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
311	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
311	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
311	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
311	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
311	0.	CFx Lr	LinStatic	1.117E-03	-3.189E-06	-1.686E-07	3.498E-09	2.231E-07
311	0.45	CFx Lr	LinStatic	1.489E-05	-3.189E-06	-1.686E-07	3.498E-09	2.990E-07
311	0.9	CFx Lr	LinStatic	-1.088E-03	-3.189E-06	-1.686E-07	3.498E-09	3.749E-07

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
311	0.	CFy Lr	LinStatic	0.02	-7.813E-03	-7.813E-03	2.289E-05	0.002
311	0.45	CFy Lr	LinStatic	0.02	-7.813E-03	-6.710E-03	2.289E-05	0.0052
311	0.9	CFy Lr	LinStatic	0.02	-7.813E-03	-5.607E-03	2.289E-05	0.008
311	0.	DIS01	Combination	-7.973	-0.674	5.205E-03	-9.403E-05	0.0061
311	0.45	DIS01	Combination	-7.974	0.087	5.205E-03	-9.403E-05	0.0037
311	0.9	DIS01	Combination	-7.976	0.848	5.205E-03	-9.403E-05	0.0014
311	0.	DIS02	Combination	-7.976	-0.674	5.205E-03	-9.404E-05	0.0061
311	0.45	DIS02	Combination	-7.974	0.087	5.205E-03	-9.404E-05	0.0037
311	0.9	DIS02	Combination	-7.973	0.848	5.205E-03	-9.404E-05	0.0014
311	0.	DIS03	Combination	-7.947	-0.685	-5.733E-03	-7.267E-05	0.0061
311	0.45	DIS03	Combination	-7.947	0.076	-4.211E-03	-7.267E-05	0.0083
311	0.9	DIS03	Combination	-7.947	0.837	-2.689E-03	-7.267E-05	0.0098
311	0.	DIS04	Combination	-8.001	-0.663	0.016	-1.154E-04	0.0061
311	0.45	DIS04	Combination	-8.001	0.098	0.015	-1.154E-04	-8.696E-04
311	0.9	DIS04	Combination	-8.001	0.859	0.013	-1.154E-04	-0.0071
311	0.	DIS05	Combination	-9.637	-0.822	6.333E-03	-1.146E-04	0.0074
311	0.45	DIS05	Combination	-9.639	0.106	6.333E-03	-1.146E-04	0.0045
311	0.9	DIS05	Combination	-9.641	1.034	6.333E-03	-1.146E-04	0.0017
311	0.	DIS06	Combination	-9.641	-0.822	6.334E-03	-1.146E-04	0.0074
311	0.45	DIS06	Combination	-9.639	0.106	6.334E-03	-1.146E-04	0.0045
311	0.9	DIS06	Combination	-9.637	1.034	6.334E-03	-1.146E-04	0.0017
311	0.	DIS07	Combination	-9.606	-0.835	-6.948E-03	-8.481E-05	0.0083
311	0.45	DIS07	Combination	-9.606	0.093	-5.092E-03	-8.481E-05	0.0111
311	0.9	DIS07	Combination	-9.606	1.021	-3.236E-03	-8.481E-05	0.0129
311	0.	DIS08	Combination	-9.672	-0.809	0.02	-1.443E-04	0.0064
311	0.45	DIS08	Combination	-9.672	0.119	0.018	-1.443E-04	-0.002
311	0.9	DIS08	Combination	-9.672	1.047	0.016	-1.443E-04	-0.0096
311	0.	DIS09	Combination	-6.834	-0.578	4.461E-03	-8.060E-05	0.0052
311	0.45	DIS09	Combination	-6.835	0.074	4.461E-03	-8.060E-05	0.0032
311	0.9	DIS09	Combination	-6.836	0.727	4.461E-03	-8.060E-05	0.0012
311	0.	DIS10	Combination	-6.836	-0.578	4.462E-03	-8.061E-05	0.0052
311	0.45	DIS10	Combination	-6.835	0.074	4.462E-03	-8.061E-05	0.0032
311	0.9	DIS10	Combination	-6.834	0.727	4.462E-03	-8.061E-05	0.0012
311	0.	DIS11	Combination	-6.812	-0.587	-4.914E-03	-6.229E-05	0.0052
311	0.45	DIS11	Combination	-6.812	0.065	-3.609E-03	-6.229E-05	0.0071
311	0.9	DIS11	Combination	-6.812	0.717	-2.305E-03	-6.229E-05	0.0084
311	0.	DIS12	Combination	-6.858	-0.568	0.014	-9.891E-05	0.0052
311	0.45	DIS12	Combination	-6.858	0.084	0.013	-9.891E-05	-7.453E-04
311	0.9	DIS12	Combination	-6.858	0.736	0.011	-9.891E-05	-0.0061
311	0.	DIS13	Combination	-6.834	-0.578	4.461E-03	-8.060E-05	0.0052
311	0.45	DIS13	Combination	-6.835	0.074	4.461E-03	-8.060E-05	0.0032
311	0.9	DIS13	Combination	-6.836	0.727	4.461E-03	-8.060E-05	0.0012
311	0.	DIS14	Combination	-6.836	-0.578	4.462E-03	-8.061E-05	0.0052
311	0.45	DIS14	Combination	-6.835	0.074	4.462E-03	-8.061E-05	0.0032
311	0.9	DIS14	Combination	-6.834	0.727	4.462E-03	-8.061E-05	0.0012
311	0.	DIS15	Combination	-6.812	-0.587	-4.914E-03	-6.229E-05	0.0052
311	0.45	DIS15	Combination	-6.812	0.065	-3.609E-03	-6.229E-05	0.0071
311	0.9	DIS15	Combination	-6.812	0.717	-2.305E-03	-6.229E-05	0.0084
311	0.	DIS16	Combination	-6.858	-0.568	0.014	-9.891E-05	0.0052
311	0.45	DIS16	Combination	-6.858	0.084	0.013	-9.891E-05	-7.453E-04
311	0.9	DIS16	Combination	-6.858	0.736	0.011	-9.891E-05	-0.0061
311	0.	DIS17	Combination	-15.804	-1.359	0.01	-1.893E-04	0.0122
311	0.45	DIS17	Combination	-15.807	0.175	0.01	-1.893E-04	0.0075
311	0.9	DIS17	Combination	-15.81	1.71	0.01	-1.893E-04	0.0028

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
311	0.	DIS18	Combination	-15.81	-1.359	0.01	-1.893E-04	0.0122
311	0.45	DIS18	Combination	-15.807	0.175	0.01	-1.893E-04	0.0075
311	0.9	DIS18	Combination	-15.804	1.71	0.01	-1.893E-04	0.0028
311	0.	DIS19	Combination	-15.752	-1.381	-0.011	-1.344E-04	0.0153
311	0.45	DIS19	Combination	-15.752	0.153	-8.354E-03	-1.344E-04	0.0198
311	0.9	DIS19	Combination	-15.752	1.688	-5.285E-03	-1.344E-04	0.0228
311	0.	DIS20	Combination	-15.862	-1.337	0.032	-2.442E-04	0.0091
311	0.45	DIS20	Combination	-15.862	0.197	0.029	-2.442E-04	-0.0048
311	0.9	DIS20	Combination	-15.862	1.731	0.026	-2.442E-04	-0.0173
311	0.	DIS21	Combination	-6.834	-0.578	4.461E-03	-8.060E-05	0.0052
311	0.45	DIS21	Combination	-6.835	0.074	4.461E-03	-8.060E-05	0.0032
311	0.9	DIS21	Combination	-6.836	0.727	4.461E-03	-8.060E-05	0.0012
311	0.	DIS22	Combination	-6.836	-0.578	4.462E-03	-8.061E-05	0.0052
311	0.45	DIS22	Combination	-6.835	0.074	4.462E-03	-8.061E-05	0.0032
311	0.9	DIS22	Combination	-6.834	0.727	4.462E-03	-8.061E-05	0.0012
311	0.	DIS23	Combination	-6.812	-0.587	-4.914E-03	-6.229E-05	0.0052
311	0.45	DIS23	Combination	-6.812	0.065	-3.609E-03	-6.229E-05	0.0071
311	0.9	DIS23	Combination	-6.812	0.717	-2.305E-03	-6.229E-05	0.0084
311	0.	DIS24	Combination	-6.858	-0.568	0.014	-9.891E-05	0.0052
311	0.45	DIS24	Combination	-6.858	0.084	0.013	-9.891E-05	-7.453E-04
311	0.9	DIS24	Combination	-6.858	0.736	0.011	-9.891E-05	-0.0061
311	0.	DIS25	Combination	-6.834	-0.578	4.461E-03	-8.060E-05	0.0052
311	0.45	DIS25	Combination	-6.835	0.074	4.461E-03	-8.060E-05	0.0032
311	0.9	DIS25	Combination	-6.836	0.727	4.461E-03	-8.060E-05	0.0012
311	0.	DIS26	Combination	-6.836	-0.578	4.462E-03	-8.061E-05	0.0052
311	0.45	DIS26	Combination	-6.835	0.074	4.462E-03	-8.061E-05	0.0032
311	0.9	DIS26	Combination	-6.834	0.727	4.462E-03	-8.061E-05	0.0012
311	0.	DIS27	Combination	-6.812	-0.587	-4.914E-03	-6.229E-05	0.0052
311	0.45	DIS27	Combination	-6.812	0.065	-3.609E-03	-6.229E-05	0.0071
311	0.9	DIS27	Combination	-6.812	0.717	-2.305E-03	-6.229E-05	0.0084
311	0.	DIS28	Combination	-6.858	-0.568	0.014	-9.891E-05	0.0052
311	0.45	DIS28	Combination	-6.858	0.084	0.013	-9.891E-05	-7.453E-04
311	0.9	DIS28	Combination	-6.858	0.736	0.011	-9.891E-05	-0.0061
311	0.	DIS29	Combination	-17.386	-1.496	0.012	-2.084E-04	0.0134
311	0.45	DIS29	Combination	-17.386	0.193	0.012	-2.084E-04	0.0082
311	0.9	DIS29	Combination	-17.386	1.883	0.012	-2.084E-04	0.0031
311	0.	DIS30	Combination	-17.386	-1.496	0.012	-2.084E-04	0.0134
311	0.45	DIS30	Combination	-17.386	0.193	0.012	-2.084E-04	0.0082
311	0.9	DIS30	Combination	-17.386	1.883	0.012	-2.084E-04	0.0031
311	0.	DIS31	Combination	-18.207	-1.568	0.012	-2.184E-04	0.014
311	0.45	DIS31	Combination	-18.207	0.202	0.012	-2.184E-04	0.0086
311	0.9	DIS31	Combination	-18.207	1.972	0.012	-2.184E-04	0.0032
311	0.	DIS32	Combination	-8.414	-0.715	5.516E-03	-9.973E-05	0.0064
311	0.45	DIS32	Combination	-8.414	0.092	5.516E-03	-9.973E-05	0.0039
311	0.9	DIS32	Combination	-8.414	0.9	5.516E-03	-9.973E-05	0.0015
311	0.	DIS33	Combination	-8.414	-0.715	5.516E-03	-9.973E-05	0.0064
311	0.45	DIS33	Combination	-8.414	0.092	5.516E-03	-9.973E-05	0.0039
311	0.9	DIS33	Combination	-8.414	0.9	5.516E-03	-9.973E-05	0.0015
311	0.	DIS34	Combination	-9.236	-0.787	6.064E-03	-1.097E-04	0.0071
311	0.45	DIS34	Combination	-9.236	0.101	6.064E-03	-1.097E-04	0.0043
311	0.9	DIS34	Combination	-9.236	0.99	6.064E-03	-1.097E-04	0.0016
311	0.	DIS35	Combination	-8.414	-0.715	5.516E-03	-9.973E-05	0.0064
311	0.45	DIS35	Combination	-8.414	0.092	5.516E-03	-9.973E-05	0.0039
311	0.9	DIS35	Combination	-8.414	0.9	5.516E-03	-9.973E-05	0.0015

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
311	0.	DIS36	Combination	-8.414	-0.715	5.516E-03	-9.973E-05	0.0064
311	0.45	DIS36	Combination	-8.414	0.092	5.516E-03	-9.973E-05	0.0039
311	0.9	DIS36	Combination	-8.414	0.9	5.516E-03	-9.973E-05	0.0015
311	0.	DIS37	Combination	-9.236	-0.787	6.064E-03	-1.097E-04	0.0071
311	0.45	DIS37	Combination	-9.236	0.101	6.064E-03	-1.097E-04	0.0043
311	0.9	DIS37	Combination	-9.236	0.99	6.064E-03	-1.097E-04	0.0016
311	0.	DIS38	Combination	-12.797	-1.097	8.443E-03	-1.528E-04	0.0098
311	0.45	DIS38	Combination	-12.797	0.141	8.443E-03	-1.528E-04	0.006
311	0.9	DIS38	Combination	-12.797	1.38	8.443E-03	-1.528E-04	0.0022
311	0.	DIS39	Combination	-12.797	-1.097	8.443E-03	-1.528E-04	0.0098
311	0.45	DIS39	Combination	-12.797	0.141	8.443E-03	-1.528E-04	0.006
311	0.9	DIS39	Combination	-12.797	1.38	8.443E-03	-1.528E-04	0.0022
311	0.	DIS40	Combination	-14.377	-1.234	9.497E-03	-1.720E-04	0.0111
311	0.45	DIS40	Combination	-14.377	0.159	9.497E-03	-1.720E-04	0.0068
311	0.9	DIS40	Combination	-14.377	1.553	9.497E-03	-1.720E-04	0.0025
311	0.	DIS41	Combination	-9.994	-0.853	6.571E-03	-1.189E-04	0.0076
311	0.45	DIS41	Combination	-9.994	0.11	6.571E-03	-1.189E-04	0.0047
311	0.9	DIS41	Combination	-9.994	1.073	6.571E-03	-1.189E-04	0.0017
311	0.	DIS42	Combination	-9.994	-0.853	6.571E-03	-1.189E-04	0.0076
311	0.45	DIS42	Combination	-9.994	0.11	6.571E-03	-1.189E-04	0.0047
311	0.9	DIS42	Combination	-9.994	1.073	6.571E-03	-1.189E-04	0.0017
311	0.	DIS43	Combination	-11.573	-0.99	7.625E-03	-1.380E-04	0.0089
311	0.45	DIS43	Combination	-11.573	0.128	7.625E-03	-1.380E-04	0.0054
311	0.9	DIS43	Combination	-11.573	1.246	7.625E-03	-1.380E-04	0.002
311	0.	DIS44	Combination	-9.994	-0.853	6.571E-03	-1.189E-04	0.0076
311	0.45	DIS44	Combination	-9.994	0.11	6.571E-03	-1.189E-04	0.0047
311	0.9	DIS44	Combination	-9.994	1.073	6.571E-03	-1.189E-04	0.0017
311	0.	DIS45	Combination	-9.994	-0.853	6.571E-03	-1.189E-04	0.0076
311	0.45	DIS45	Combination	-9.994	0.11	6.571E-03	-1.189E-04	0.0047
311	0.9	DIS45	Combination	-9.994	1.073	6.571E-03	-1.189E-04	0.0017
311	0.	DIS46	Combination	-11.573	-0.99	7.625E-03	-1.380E-04	0.0089
311	0.45	DIS46	Combination	-11.573	0.128	7.625E-03	-1.380E-04	0.0054
311	0.9	DIS46	Combination	-11.573	1.246	7.625E-03	-1.380E-04	0.002
311	0.	DIS47	Combination	-6.834	-0.578	4.461E-03	-8.060E-05	0.0052
311	0.45	DIS47	Combination	-6.835	0.074	4.461E-03	-8.060E-05	0.0032
311	0.9	DIS47	Combination	-6.836	0.727	4.461E-03	-8.060E-05	0.0012
311	0.	DIS48	Combination	-6.836	-0.578	4.462E-03	-8.061E-05	0.0052
311	0.45	DIS48	Combination	-6.835	0.074	4.462E-03	-8.061E-05	0.0032
311	0.9	DIS48	Combination	-6.834	0.727	4.462E-03	-8.061E-05	0.0012
311	0.	DIS49	Combination	-6.812	-0.587	-4.914E-03	-6.229E-05	0.0052
311	0.45	DIS49	Combination	-6.812	0.065	-3.609E-03	-6.229E-05	0.0071
311	0.9	DIS49	Combination	-6.812	0.717	-2.305E-03	-6.229E-05	0.0084
311	0.	DIS50	Combination	-6.858	-0.568	0.014	-9.891E-05	0.0052
311	0.45	DIS50	Combination	-6.858	0.084	0.013	-9.891E-05	-7.453E-04
311	0.9	DIS50	Combination	-6.858	0.736	0.011	-9.891E-05	-0.0061
311	0.	DIS51	Combination	-8.285	-0.708	5.455E-03	-9.872E-05	0.0064
311	0.45	DIS51	Combination	-8.285	0.091	5.455E-03	-9.872E-05	0.0039
311	0.9	DIS51	Combination	-8.285	0.891	5.455E-03	-9.872E-05	0.0014
311	0.	DIS52	Combination	-8.285	-0.708	5.455E-03	-9.872E-05	0.0064
311	0.45	DIS52	Combination	-8.285	0.091	5.455E-03	-9.872E-05	0.0039
311	0.9	DIS52	Combination	-8.285	0.891	5.455E-03	-9.872E-05	0.0014
311	0.	DIS53	Combination	-9.864	-0.846	6.510E-03	-1.178E-04	0.0076
311	0.45	DIS53	Combination	-9.864	0.109	6.510E-03	-1.178E-04	0.0047
311	0.9	DIS53	Combination	-9.864	1.064	6.510E-03	-1.178E-04	0.0017

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
311	0.	DIS54	Combination	-5.125	-0.433	3.346E-03	-6.045E-05	0.0039
311	0.45	DIS54	Combination	-5.126	0.056	3.346E-03	-6.045E-05	0.0024
311	0.9	DIS54	Combination	-5.127	0.545	3.346E-03	-6.045E-05	8.795E-04
311	0.	DIS55	Combination	-5.127	-0.433	3.346E-03	-6.046E-05	0.0039
311	0.45	DIS55	Combination	-5.126	0.056	3.346E-03	-6.046E-05	0.0024
311	0.9	DIS55	Combination	-5.125	0.545	3.346E-03	-6.046E-05	8.788E-04
311	0.	DIS56	Combination	-5.109	-0.44	-3.685E-03	-4.672E-05	0.0039
311	0.45	DIS56	Combination	-5.109	0.049	-2.707E-03	-4.672E-05	0.0053
311	0.9	DIS56	Combination	-5.109	0.538	-1.728E-03	-4.672E-05	0.0063
311	0.	DIS57	Combination	-5.144	-0.426	0.01	-7.418E-05	0.0039
311	0.45	DIS57	Combination	-5.144	0.063	9.399E-03	-7.418E-05	-5.590E-04
311	0.9	DIS57	Combination	-5.144	0.552	8.421E-03	-7.418E-05	-0.0046
313	0.	DEAD	LinStatic	-15.157	-0.564	-3.589E-04	-9.474E-06	8.633E-05
313	0.45	DEAD	LinStatic	-15.157	-0.021	-3.589E-04	-9.474E-06	2.478E-04
313	0.9	DEAD	LinStatic	-15.157	0.523	-3.589E-04	-9.474E-06	4.093E-04
313	0.	L	LinStatic	0.	0.	0.	0.	0.
313	0.45	L	LinStatic	0.	0.	0.	0.	0.
313	0.9	L	LinStatic	0.	0.	0.	0.	0.
313	0.	Lr	LinStatic	-14.936	-0.572	-3.480E-04	-9.985E-06	9.141E-05
313	0.45	Lr	LinStatic	-14.936	-0.021	-3.480E-04	-9.985E-06	2.480E-04
313	0.9	Lr	LinStatic	-14.936	0.531	-3.480E-04	-9.985E-06	4.046E-04
313	0.	G	LinStatic	0.	0.	0.	0.	0.
313	0.45	G	LinStatic	0.	0.	0.	0.	0.
313	0.9	G	LinStatic	0.	0.	0.	0.	0.
313	0.	Le	LinStatic	0.	0.	0.	0.	0.
313	0.45	Le	LinStatic	0.	0.	0.	0.	0.
313	0.9	Le	LinStatic	0.	0.	0.	0.	0.
313	0.	Wx	LinStatic	-8.413	-0.322	-1.960E-04	-5.624E-06	5.149E-05
313	0.45	Wx	LinStatic	-8.413	-0.012	-1.960E-04	-5.624E-06	1.397E-04
313	0.9	Wx	LinStatic	-8.413	0.299	-1.960E-04	-5.624E-06	2.279E-04
313	0.	Wy	LinStatic	-8.413	-0.322	-1.960E-04	-5.624E-06	5.149E-05
313	0.45	Wy	LinStatic	-8.413	-0.012	-1.960E-04	-5.624E-06	1.397E-04
313	0.9	Wy	LinStatic	-8.413	0.299	-1.960E-04	-5.624E-06	2.279E-04
313	0.	CFx D	LinStatic	1.110E-03	1.490E-06	2.065E-07	-5.194E-09	3.266E-07
313	0.45	CFx D	LinStatic	2.339E-05	1.490E-06	2.065E-07	-5.194E-09	2.336E-07
313	0.9	CFx D	LinStatic	-1.064E-03	1.490E-06	2.065E-07	-5.194E-09	1.407E-07
313	0.	CFy D	LinStatic	0.055	-7.813E-03	-3.906E-03	3.052E-05	0.0059
313	0.45	CFy D	LinStatic	0.055	-7.813E-03	-2.819E-03	3.052E-05	0.0074
313	0.9	CFy D	LinStatic	0.055	-7.813E-03	-1.732E-03	3.052E-05	0.0084
313	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
313	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
313	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
313	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
313	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
313	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
313	0.	CFx Lr	LinStatic	1.128E-03	2.266E-06	2.250E-07	-5.913E-09	3.320E-07
313	0.45	CFx Lr	LinStatic	2.568E-05	2.266E-06	2.250E-07	-5.913E-09	2.308E-07
313	0.9	CFx Lr	LinStatic	-1.077E-03	2.266E-06	2.250E-07	-5.913E-09	1.295E-07
313	0.	CFy Lr	LinStatic	0.055	-3.906E-03	0.	3.052E-05	0.0098
313	0.45	CFy Lr	LinStatic	0.055	-3.906E-03	1.103E-03	3.052E-05	0.0095
313	0.9	CFy Lr	LinStatic	0.055	-3.906E-03	2.205E-03	3.052E-05	0.0088
313	0.	DIS01	Combination	-21.218	-0.79	-5.022E-04	-1.327E-05	1.213E-04
313	0.45	DIS01	Combination	-21.22	-0.029	-5.022E-04	-1.327E-05	3.473E-04
313	0.9	DIS01	Combination	-21.221	0.732	-5.022E-04	-1.327E-05	5.733E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
313	0.	DIS02	Combination	-21.221	-0.79	-5.028E-04	-1.326E-05	1.204E-04
313	0.45	DIS02	Combination	-21.22	-0.029	-5.028E-04	-1.326E-05	3.466E-04
313	0.9	DIS02	Combination	-21.218	0.732	-5.028E-04	-1.326E-05	5.729E-04
313	0.	DIS03	Combination	-21.143	-0.801	-5.971E-03	2.946E-05	0.0083
313	0.45	DIS03	Combination	-21.143	-0.04	-4.449E-03	2.946E-05	0.0107
313	0.9	DIS03	Combination	-21.143	0.721	-2.927E-03	2.946E-05	0.0123
313	0.	DIS04	Combination	-21.297	-0.779	4.966E-03	-5.599E-05	-0.0081
313	0.45	DIS04	Combination	-21.297	-0.018	3.444E-03	-5.599E-05	-0.01
313	0.9	DIS04	Combination	-21.297	0.743	1.922E-03	-5.599E-05	-0.0112
313	0.	DIS05	Combination	-25.654	-0.963	-6.043E-04	-1.637E-05	1.499E-04
313	0.45	DIS05	Combination	-25.656	-0.035	-6.043E-04	-1.637E-05	4.218E-04
313	0.9	DIS05	Combination	-25.658	0.893	-6.043E-04	-1.637E-05	6.938E-04
313	0.	DIS06	Combination	-25.658	-0.963	-6.051E-04	-1.635E-05	1.487E-04
313	0.45	DIS06	Combination	-25.656	-0.035	-6.051E-04	-1.635E-05	4.210E-04
313	0.9	DIS06	Combination	-25.654	0.893	-6.051E-04	-1.635E-05	6.933E-04
313	0.	DIS07	Combination	-25.563	-0.974	-5.292E-03	3.552E-05	0.0121
313	0.45	DIS07	Combination	-25.563	-0.046	-3.436E-03	3.552E-05	0.014
313	0.9	DIS07	Combination	-25.563	0.882	-1.581E-03	3.552E-05	0.0152
313	0.	DIS08	Combination	-25.75	-0.952	4.083E-03	-6.824E-05	-0.0118
313	0.45	DIS08	Combination	-25.75	-0.024	2.227E-03	-6.824E-05	-0.0132
313	0.9	DIS08	Combination	-25.75	0.904	3.713E-04	-6.824E-05	-0.0138
313	0.	DIS09	Combination	-18.187	-0.677	-4.304E-04	-1.138E-05	1.040E-04
313	0.45	DIS09	Combination	-18.188	-0.025	-4.304E-04	-1.138E-05	2.977E-04
313	0.9	DIS09	Combination	-18.19	0.628	-4.304E-04	-1.138E-05	4.914E-04
313	0.	DIS10	Combination	-18.19	-0.677	-4.309E-04	-1.136E-05	1.032E-04
313	0.45	DIS10	Combination	-18.188	-0.025	-4.309E-04	-1.136E-05	2.971E-04
313	0.9	DIS10	Combination	-18.187	0.628	-4.309E-04	-1.136E-05	4.910E-04
313	0.	DIS11	Combination	-18.122	-0.686	-5.118E-03	2.525E-05	0.0071
313	0.45	DIS11	Combination	-18.122	-0.034	-3.814E-03	2.525E-05	0.0091
313	0.9	DIS11	Combination	-18.122	0.618	-2.509E-03	2.525E-05	0.0106
313	0.	DIS12	Combination	-18.254	-0.668	4.257E-03	-4.799E-05	-0.0069
313	0.45	DIS12	Combination	-18.254	-0.015	2.952E-03	-4.799E-05	-0.0085
313	0.9	DIS12	Combination	-18.254	0.637	1.648E-03	-4.799E-05	-0.0096
313	0.	DIS13	Combination	-18.187	-0.677	-4.304E-04	-1.138E-05	1.040E-04
313	0.45	DIS13	Combination	-18.188	-0.025	-4.304E-04	-1.138E-05	2.977E-04
313	0.9	DIS13	Combination	-18.19	0.628	-4.304E-04	-1.138E-05	4.914E-04
313	0.	DIS14	Combination	-18.19	-0.677	-4.309E-04	-1.136E-05	1.032E-04
313	0.45	DIS14	Combination	-18.188	-0.025	-4.309E-04	-1.136E-05	2.971E-04
313	0.9	DIS14	Combination	-18.187	0.628	-4.309E-04	-1.136E-05	4.910E-04
313	0.	DIS15	Combination	-18.122	-0.686	-5.118E-03	2.525E-05	0.0071
313	0.45	DIS15	Combination	-18.122	-0.034	-3.814E-03	2.525E-05	0.0091
313	0.9	DIS15	Combination	-18.122	0.618	-2.509E-03	2.525E-05	0.0106
313	0.	DIS16	Combination	-18.254	-0.668	4.257E-03	-4.799E-05	-0.0069
313	0.45	DIS16	Combination	-18.254	-0.015	2.952E-03	-4.799E-05	-0.0085
313	0.9	DIS16	Combination	-18.254	0.637	1.648E-03	-4.799E-05	-0.0096
313	0.	DIS17	Combination	-42.083	-1.592	-9.869E-04	-2.736E-05	2.508E-04
313	0.45	DIS17	Combination	-42.086	-0.058	-9.869E-04	-2.736E-05	6.949E-04
313	0.9	DIS17	Combination	-42.089	1.477	-9.869E-04	-2.736E-05	0.0011
313	0.	DIS18	Combination	-42.089	-1.592	-9.882E-04	-2.733E-05	2.489E-04
313	0.45	DIS18	Combination	-42.086	-0.058	-9.882E-04	-2.733E-05	6.936E-04
313	0.9	DIS18	Combination	-42.083	1.477	-9.882E-04	-2.733E-05	0.0011
313	0.	DIS19	Combination	-41.932	-1.608	-5.675E-03	5.810E-05	0.0229
313	0.45	DIS19	Combination	-41.932	-0.073	-2.607E-03	5.810E-05	0.0248
313	0.9	DIS19	Combination	-41.932	1.461	4.620E-04	5.810E-05	0.0253

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
313	0.	DIS20	Combination	-42.24	-1.576	3.700E-03	-1.128E-04	-0.0224
313	0.45	DIS20	Combination	-42.24	-0.042	6.314E-04	-1.128E-04	-0.0234
313	0.9	DIS20	Combination	-42.24	1.492	-2.437E-03	-1.128E-04	-0.023
313	0.	DIS21	Combination	-18.187	-0.677	-4.304E-04	-1.138E-05	1.040E-04
313	0.45	DIS21	Combination	-18.188	-0.025	-4.304E-04	-1.138E-05	2.977E-04
313	0.9	DIS21	Combination	-18.19	0.628	-4.304E-04	-1.138E-05	4.914E-04
313	0.	DIS22	Combination	-18.19	-0.677	-4.309E-04	-1.136E-05	1.032E-04
313	0.45	DIS22	Combination	-18.188	-0.025	-4.309E-04	-1.136E-05	2.971E-04
313	0.9	DIS22	Combination	-18.187	0.628	-4.309E-04	-1.136E-05	4.910E-04
313	0.	DIS23	Combination	-18.122	-0.686	-5.118E-03	2.525E-05	0.0071
313	0.45	DIS23	Combination	-18.122	-0.034	-3.814E-03	2.525E-05	0.0091
313	0.9	DIS23	Combination	-18.122	0.618	-2.509E-03	2.525E-05	0.0106
313	0.	DIS24	Combination	-18.254	-0.668	4.257E-03	-4.799E-05	-0.0069
313	0.45	DIS24	Combination	-18.254	-0.015	2.952E-03	-4.799E-05	-0.0085
313	0.9	DIS24	Combination	-18.254	0.637	1.648E-03	-4.799E-05	-0.0096
313	0.	DIS25	Combination	-18.187	-0.677	-4.304E-04	-1.138E-05	1.040E-04
313	0.45	DIS25	Combination	-18.188	-0.025	-4.304E-04	-1.138E-05	2.977E-04
313	0.9	DIS25	Combination	-18.19	0.628	-4.304E-04	-1.138E-05	4.914E-04
313	0.	DIS26	Combination	-18.19	-0.677	-4.309E-04	-1.136E-05	1.032E-04
313	0.45	DIS26	Combination	-18.188	-0.025	-4.309E-04	-1.136E-05	2.971E-04
313	0.9	DIS26	Combination	-18.187	0.628	-4.309E-04	-1.136E-05	4.910E-04
313	0.	DIS27	Combination	-18.122	-0.686	-5.118E-03	2.525E-05	0.0071
313	0.45	DIS27	Combination	-18.122	-0.034	-3.814E-03	2.525E-05	0.0091
313	0.9	DIS27	Combination	-18.122	0.618	-2.509E-03	2.525E-05	0.0106
313	0.	DIS28	Combination	-18.254	-0.668	4.257E-03	-4.799E-05	-0.0069
313	0.45	DIS28	Combination	-18.254	-0.015	2.952E-03	-4.799E-05	-0.0085
313	0.9	DIS28	Combination	-18.254	0.637	1.648E-03	-4.799E-05	-0.0096
313	0.	DIS29	Combination	-46.292	-1.753	-1.086E-03	-3.016E-05	2.756E-04
313	0.45	DIS29	Combination	-46.292	-0.064	-1.086E-03	-3.016E-05	7.641E-04
313	0.9	DIS29	Combination	-46.292	1.626	-1.086E-03	-3.016E-05	0.0013
313	0.	DIS30	Combination	-46.292	-1.753	-1.086E-03	-3.016E-05	2.756E-04
313	0.45	DIS30	Combination	-46.292	-0.064	-1.086E-03	-3.016E-05	7.641E-04
313	0.9	DIS30	Combination	-46.292	1.626	-1.086E-03	-3.016E-05	0.0013
313	0.	DIS31	Combination	-48.48	-1.837	-1.137E-03	-3.162E-05	2.890E-04
313	0.45	DIS31	Combination	-48.48	-0.067	-1.137E-03	-3.162E-05	8.004E-04
313	0.9	DIS31	Combination	-48.48	1.704	-1.137E-03	-3.162E-05	0.0013
313	0.	DIS32	Combination	-22.395	-0.838	-5.287E-04	-1.418E-05	1.293E-04
313	0.45	DIS32	Combination	-22.395	-0.031	-5.287E-04	-1.418E-05	3.673E-04
313	0.9	DIS32	Combination	-22.395	0.777	-5.287E-04	-1.418E-05	6.052E-04
313	0.	DIS33	Combination	-22.395	-0.838	-5.287E-04	-1.418E-05	1.293E-04
313	0.45	DIS33	Combination	-22.395	-0.031	-5.287E-04	-1.418E-05	3.673E-04
313	0.9	DIS33	Combination	-22.395	0.777	-5.287E-04	-1.418E-05	6.052E-04
313	0.	DIS34	Combination	-24.582	-0.922	-5.797E-04	-1.564E-05	1.427E-04
313	0.45	DIS34	Combination	-24.582	-0.034	-5.797E-04	-1.564E-05	4.036E-04
313	0.9	DIS34	Combination	-24.582	0.855	-5.797E-04	-1.564E-05	6.644E-04
313	0.	DIS35	Combination	-22.395	-0.838	-5.287E-04	-1.418E-05	1.293E-04
313	0.45	DIS35	Combination	-22.395	-0.031	-5.287E-04	-1.418E-05	3.673E-04
313	0.9	DIS35	Combination	-22.395	0.777	-5.287E-04	-1.418E-05	6.052E-04
313	0.	DIS36	Combination	-22.395	-0.838	-5.287E-04	-1.418E-05	1.293E-04
313	0.45	DIS36	Combination	-22.395	-0.031	-5.287E-04	-1.418E-05	3.673E-04
313	0.9	DIS36	Combination	-22.395	0.777	-5.287E-04	-1.418E-05	6.052E-04
313	0.	DIS37	Combination	-24.582	-0.922	-5.797E-04	-1.564E-05	1.427E-04
313	0.45	DIS37	Combination	-24.582	-0.034	-5.797E-04	-1.564E-05	4.036E-04
313	0.9	DIS37	Combination	-24.582	0.855	-5.797E-04	-1.564E-05	6.644E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
313	0.	DIS38	Combination	-34.069	-1.285	-8.007E-04	-2.199E-05	2.008E-04
313	0.45	DIS38	Combination	-34.069	-0.047	-8.007E-04	-2.199E-05	5.611E-04
313	0.9	DIS38	Combination	-34.069	1.192	-8.007E-04	-2.199E-05	9.215E-04
313	0.	DIS39	Combination	-34.069	-1.285	-8.007E-04	-2.199E-05	2.008E-04
313	0.45	DIS39	Combination	-34.069	-0.047	-8.007E-04	-2.199E-05	5.611E-04
313	0.9	DIS39	Combination	-34.069	1.192	-8.007E-04	-2.199E-05	9.215E-04
313	0.	DIS40	Combination	-38.276	-1.446	-8.988E-04	-2.480E-05	2.265E-04
313	0.45	DIS40	Combination	-38.276	-0.052	-8.988E-04	-2.480E-05	6.310E-04
313	0.9	DIS40	Combination	-38.276	1.341	-8.988E-04	-2.480E-05	0.001
313	0.	DIS41	Combination	-26.601	-0.999	-6.267E-04	-1.699E-05	1.551E-04
313	0.45	DIS41	Combination	-26.601	-0.036	-6.267E-04	-1.699E-05	4.371E-04
313	0.9	DIS41	Combination	-26.601	0.926	-6.267E-04	-1.699E-05	7.191E-04
313	0.	DIS42	Combination	-26.601	-0.999	-6.267E-04	-1.699E-05	1.551E-04
313	0.45	DIS42	Combination	-26.601	-0.036	-6.267E-04	-1.699E-05	4.371E-04
313	0.9	DIS42	Combination	-26.601	0.926	-6.267E-04	-1.699E-05	7.191E-04
313	0.	DIS43	Combination	-30.808	-1.16	-7.247E-04	-1.981E-05	1.808E-04
313	0.45	DIS43	Combination	-30.808	-0.042	-7.247E-04	-1.981E-05	5.070E-04
313	0.9	DIS43	Combination	-30.808	1.076	-7.247E-04	-1.981E-05	8.331E-04
313	0.	DIS44	Combination	-26.601	-0.999	-6.267E-04	-1.699E-05	1.551E-04
313	0.45	DIS44	Combination	-26.601	-0.036	-6.267E-04	-1.699E-05	4.371E-04
313	0.9	DIS44	Combination	-26.601	0.926	-6.267E-04	-1.699E-05	7.191E-04
313	0.	DIS45	Combination	-26.601	-0.999	-6.267E-04	-1.699E-05	1.551E-04
313	0.45	DIS45	Combination	-26.601	-0.036	-6.267E-04	-1.699E-05	4.371E-04
313	0.9	DIS45	Combination	-26.601	0.926	-6.267E-04	-1.699E-05	7.191E-04
313	0.	DIS46	Combination	-30.808	-1.16	-7.247E-04	-1.981E-05	1.808E-04
313	0.45	DIS46	Combination	-30.808	-0.042	-7.247E-04	-1.981E-05	5.070E-04
313	0.9	DIS46	Combination	-30.808	1.076	-7.247E-04	-1.981E-05	8.331E-04
313	0.	DIS47	Combination	-18.187	-0.677	-4.304E-04	-1.138E-05	1.040E-04
313	0.45	DIS47	Combination	-18.188	-0.025	-4.304E-04	-1.138E-05	2.977E-04
313	0.9	DIS47	Combination	-18.19	0.628	-4.304E-04	-1.138E-05	4.914E-04
313	0.	DIS48	Combination	-18.19	-0.677	-4.309E-04	-1.136E-05	1.032E-04
313	0.45	DIS48	Combination	-18.188	-0.025	-4.309E-04	-1.136E-05	2.971E-04
313	0.9	DIS48	Combination	-18.187	0.628	-4.309E-04	-1.136E-05	4.910E-04
313	0.	DIS49	Combination	-18.122	-0.686	-5.118E-03	2.525E-05	0.0071
313	0.45	DIS49	Combination	-18.122	-0.034	-3.814E-03	2.525E-05	0.0091
313	0.9	DIS49	Combination	-18.122	0.618	-2.509E-03	2.525E-05	0.0106
313	0.	DIS50	Combination	-18.254	-0.668	4.257E-03	-4.799E-05	-0.0069
313	0.45	DIS50	Combination	-18.254	-0.015	2.952E-03	-4.799E-05	-0.0085
313	0.9	DIS50	Combination	-18.254	0.637	1.648E-03	-4.799E-05	-0.0096
313	0.	DIS51	Combination	-22.054	-0.83	-5.191E-04	-1.415E-05	1.292E-04
313	0.45	DIS51	Combination	-22.054	-0.03	-5.191E-04	-1.415E-05	3.628E-04
313	0.9	DIS51	Combination	-22.054	0.77	-5.191E-04	-1.415E-05	5.963E-04
313	0.	DIS52	Combination	-22.054	-0.83	-5.191E-04	-1.415E-05	1.292E-04
313	0.45	DIS52	Combination	-22.054	-0.03	-5.191E-04	-1.415E-05	3.628E-04
313	0.9	DIS52	Combination	-22.054	0.77	-5.191E-04	-1.415E-05	5.963E-04
313	0.	DIS53	Combination	-26.261	-0.991	-6.171E-04	-1.696E-05	1.549E-04
313	0.45	DIS53	Combination	-26.261	-0.036	-6.171E-04	-1.696E-05	4.326E-04
313	0.9	DIS53	Combination	-26.261	0.919	-6.171E-04	-1.696E-05	7.103E-04
313	0.	DIS54	Combination	-13.64	-0.508	-3.228E-04	-8.532E-06	7.799E-05
313	0.45	DIS54	Combination	-13.641	-0.019	-3.228E-04	-8.532E-06	2.233E-04
313	0.9	DIS54	Combination	-13.642	0.471	-3.228E-04	-8.532E-06	3.685E-04
313	0.	DIS55	Combination	-13.642	-0.508	-3.232E-04	-8.522E-06	7.740E-05
313	0.45	DIS55	Combination	-13.641	-0.019	-3.232E-04	-8.522E-06	2.228E-04
313	0.9	DIS55	Combination	-13.64	0.471	-3.232E-04	-8.522E-06	3.683E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
313	0.	DIS56	Combination	-13.592	-0.515	-3.839E-03	1.894E-05	0.0054
313	0.45	DIS56	Combination	-13.592	-0.026	-2.860E-03	1.894E-05	0.0069
313	0.9	DIS56	Combination	-13.592	0.464	-1.882E-03	1.894E-05	0.0079
313	0.	DIS57	Combination	-13.691	-0.501	3.193E-03	-3.599E-05	-0.0052
313	0.45	DIS57	Combination	-13.691	-0.011	2.214E-03	-3.599E-05	-0.0064
313	0.9	DIS57	Combination	-13.691	0.478	1.236E-03	-3.599E-05	-0.0072
315	0.	DEAD	LinStatic	-21.412	-0.544	7.453E-05	-3.035E-06	5.212E-04
315	0.45	DEAD	LinStatic	-21.412	-3.493E-04	7.453E-05	-3.035E-06	4.877E-04
315	0.9	DEAD	LinStatic	-21.412	0.543	7.453E-05	-3.035E-06	4.541E-04
315	0.	L	LinStatic	0.	0.	0.	0.	0.
315	0.45	L	LinStatic	0.	0.	0.	0.	0.
315	0.9	L	LinStatic	0.	0.	0.	0.	0.
315	0.	Lr	LinStatic	-21.104	-0.552	7.667E-05	-3.036E-06	5.191E-04
315	0.45	Lr	LinStatic	-21.104	-2.654E-04	7.667E-05	-3.036E-06	4.846E-04
315	0.9	Lr	LinStatic	-21.104	0.551	7.667E-05	-3.036E-06	4.501E-04
315	0.	G	LinStatic	0.	0.	0.	0.	0.
315	0.45	G	LinStatic	0.	0.	0.	0.	0.
315	0.9	G	LinStatic	0.	0.	0.	0.	0.
315	0.	Le	LinStatic	0.	0.	0.	0.	0.
315	0.45	Le	LinStatic	0.	0.	0.	0.	0.
315	0.9	Le	LinStatic	0.	0.	0.	0.	0.
315	0.	Wx	LinStatic	-11.887	-0.311	4.319E-05	-1.710E-06	2.924E-04
315	0.45	Wx	LinStatic	-11.887	-1.495E-04	4.319E-05	-1.710E-06	2.730E-04
315	0.9	Wx	LinStatic	-11.887	0.31	4.319E-05	-1.710E-06	2.535E-04
315	0.	Wy	LinStatic	-11.887	-0.311	4.319E-05	-1.710E-06	2.924E-04
315	0.45	Wy	LinStatic	-11.887	-1.495E-04	4.319E-05	-1.710E-06	2.730E-04
315	0.9	Wy	LinStatic	-11.887	0.31	4.319E-05	-1.710E-06	2.535E-04
315	0.	CFx D	LinStatic	1.105E-03	1.658E-08	1.571E-08	2.019E-10	1.191E-07
315	0.45	CFx D	LinStatic	1.772E-05	1.658E-08	1.571E-08	2.019E-10	1.121E-07
315	0.9	CFx D	LinStatic	-1.069E-03	1.658E-08	1.571E-08	2.019E-10	1.050E-07
315	0.	CFy D	LinStatic	0.089	-3.906E-03	-3.906E-03	1.068E-04	0.0137
315	0.45	CFy D	LinStatic	0.089	-3.906E-03	-2.819E-03	1.068E-04	0.0152
315	0.9	CFy D	LinStatic	0.089	-3.906E-03	-1.732E-03	1.068E-04	0.0162
315	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
315	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
315	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
315	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
315	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
315	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
315	0.	CFx Lr	LinStatic	1.122E-03	8.543E-07	3.834E-08	-5.973E-10	1.282E-07
315	0.45	CFx Lr	LinStatic	1.907E-05	8.543E-07	3.834E-08	-5.973E-10	1.109E-07
315	0.9	CFx Lr	LinStatic	-1.083E-03	8.543E-07	3.834E-08	-5.973E-10	9.367E-08
315	0.	CFy Lr	LinStatic	0.09	-1.953E-03	-3.906E-03	1.373E-04	0.0156
315	0.45	CFy Lr	LinStatic	0.09	-1.953E-03	-2.804E-03	1.373E-04	0.0171
315	0.9	CFy Lr	LinStatic	0.09	-1.953E-03	-1.701E-03	1.373E-04	0.0181
315	0.	DIS01	Combination	-29.976	-0.761	1.044E-04	-4.249E-06	7.298E-04
315	0.45	DIS01	Combination	-29.977	-4.891E-04	1.044E-04	-4.249E-06	6.829E-04
315	0.9	DIS01	Combination	-29.979	0.76	1.044E-04	-4.249E-06	6.359E-04
315	0.	DIS02	Combination	-29.979	-0.761	1.043E-04	-4.250E-06	7.295E-04
315	0.45	DIS02	Combination	-29.977	-4.891E-04	1.043E-04	-4.250E-06	6.826E-04
315	0.9	DIS02	Combination	-29.976	0.76	1.043E-04	-4.250E-06	6.356E-04
315	0.	DIS03	Combination	-29.852	-0.767	-5.364E-03	1.453E-04	0.0199
315	0.45	DIS03	Combination	-29.852	-5.958E-03	-3.842E-03	1.453E-04	0.0219
315	0.9	DIS03	Combination	-29.852	0.755	-2.321E-03	1.453E-04	0.0233

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
315	0.	DIS04	Combination	-30.102	-0.756	5.573E-03	-1.538E-04	-0.0184
315	0.45	DIS04	Combination	-30.102	4.980E-03	4.051E-03	-1.538E-04	-0.0206
315	0.9	DIS04	Combination	-30.102	0.766	2.529E-03	-1.538E-04	-0.0221
315	0.	DIS05	Combination	-36.245	-0.928	1.278E-04	-5.161E-06	8.852E-04
315	0.45	DIS05	Combination	-36.246	-5.515E-04	1.278E-04	-5.161E-06	8.277E-04
315	0.9	DIS05	Combination	-36.248	0.927	1.278E-04	-5.161E-06	7.702E-04
315	0.	DIS06	Combination	-36.248	-0.928	1.277E-04	-5.161E-06	8.848E-04
315	0.45	DIS06	Combination	-36.247	-5.523E-04	1.277E-04	-5.161E-06	8.273E-04
315	0.9	DIS06	Combination	-36.245	0.927	1.277E-04	-5.161E-06	7.698E-04
315	0.	DIS07	Combination	-36.095	-0.934	-6.513E-03	1.917E-04	0.0251
315	0.45	DIS07	Combination	-36.095	-6.216E-03	-4.657E-03	1.917E-04	0.0276
315	0.9	DIS07	Combination	-36.095	0.922	-2.801E-03	1.917E-04	0.0293
315	0.	DIS08	Combination	-36.398	-0.923	6.768E-03	-2.020E-04	-0.0233
315	0.45	DIS08	Combination	-36.398	5.112E-03	4.913E-03	-2.020E-04	-0.026
315	0.9	DIS08	Combination	-36.398	0.933	3.057E-03	-2.020E-04	-0.0278
315	0.	DIS09	Combination	-25.693	-0.653	8.946E-05	-3.642E-06	6.256E-04
315	0.45	DIS09	Combination	-25.695	-4.192E-04	8.946E-05	-3.642E-06	5.853E-04
315	0.9	DIS09	Combination	-25.696	0.652	8.946E-05	-3.642E-06	5.451E-04
315	0.	DIS10	Combination	-25.696	-0.653	8.942E-05	-3.643E-06	6.253E-04
315	0.45	DIS10	Combination	-25.695	-4.192E-04	8.942E-05	-3.643E-06	5.851E-04
315	0.9	DIS10	Combination	-25.693	0.652	8.942E-05	-3.643E-06	5.448E-04
315	0.	DIS11	Combination	-25.588	-0.657	-4.598E-03	1.245E-04	0.017
315	0.45	DIS11	Combination	-25.588	-5.107E-03	-3.294E-03	1.245E-04	0.0188
315	0.9	DIS11	Combination	-25.588	0.647	-1.989E-03	1.245E-04	0.02
315	0.	DIS12	Combination	-25.802	-0.648	4.777E-03	-1.318E-04	-0.0158
315	0.45	DIS12	Combination	-25.802	4.268E-03	3.472E-03	-1.318E-04	-0.0176
315	0.9	DIS12	Combination	-25.802	0.657	2.168E-03	-1.318E-04	-0.0189
315	0.	DIS13	Combination	-25.693	-0.653	8.946E-05	-3.642E-06	6.256E-04
315	0.45	DIS13	Combination	-25.695	-4.192E-04	8.946E-05	-3.642E-06	5.853E-04
315	0.9	DIS13	Combination	-25.696	0.652	8.946E-05	-3.642E-06	5.451E-04
315	0.	DIS14	Combination	-25.696	-0.653	8.942E-05	-3.643E-06	6.253E-04
315	0.45	DIS14	Combination	-25.695	-4.192E-04	8.942E-05	-3.643E-06	5.851E-04
315	0.9	DIS14	Combination	-25.693	0.652	8.942E-05	-3.643E-06	5.448E-04
315	0.	DIS15	Combination	-25.588	-0.657	-4.598E-03	1.245E-04	0.017
315	0.45	DIS15	Combination	-25.588	-5.107E-03	-3.294E-03	1.245E-04	0.0188
315	0.9	DIS15	Combination	-25.588	0.647	-1.989E-03	1.245E-04	0.02
315	0.	DIS16	Combination	-25.802	-0.648	4.777E-03	-1.318E-04	-0.0158
315	0.45	DIS16	Combination	-25.802	4.268E-03	3.472E-03	-1.318E-04	-0.0176
315	0.9	DIS16	Combination	-25.802	0.657	2.168E-03	-1.318E-04	-0.0189
315	0.	DIS17	Combination	-59.457	-1.535	2.122E-04	-8.501E-06	0.0015
315	0.45	DIS17	Combination	-59.46	-8.424E-04	2.122E-04	-8.501E-06	0.0014
315	0.9	DIS17	Combination	-59.463	1.533	2.122E-04	-8.501E-06	0.0013
315	0.	DIS18	Combination	-59.464	-1.535	2.120E-04	-8.500E-06	0.0015
315	0.45	DIS18	Combination	-59.46	-8.452E-04	2.120E-04	-8.500E-06	0.0014
315	0.9	DIS18	Combination	-59.457	1.533	2.120E-04	-8.500E-06	0.0013
315	0.	DIS19	Combination	-59.21	-1.543	-0.011	3.394E-04	0.0429
315	0.45	DIS19	Combination	-59.21	-8.656E-03	-7.657E-03	3.394E-04	0.047
315	0.9	DIS19	Combination	-59.21	1.526	-4.588E-03	3.394E-04	0.0498
315	0.	DIS20	Combination	-59.711	-1.527	0.011	-3.564E-04	-0.04
315	0.45	DIS20	Combination	-59.711	6.969E-03	8.081E-03	-3.564E-04	-0.0443
315	0.9	DIS20	Combination	-59.711	1.541	5.013E-03	-3.564E-04	-0.0472
315	0.	DIS21	Combination	-25.693	-0.653	8.946E-05	-3.642E-06	6.256E-04
315	0.45	DIS21	Combination	-25.695	-4.192E-04	8.946E-05	-3.642E-06	5.853E-04
315	0.9	DIS21	Combination	-25.696	0.652	8.946E-05	-3.642E-06	5.451E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
315	0.	DIS22	Combination	-25.696	-0.653	8.942E-05	-3.643E-06	6.253E-04
315	0.45	DIS22	Combination	-25.695	-4.192E-04	8.942E-05	-3.643E-06	5.851E-04
315	0.9	DIS22	Combination	-25.693	0.652	8.942E-05	-3.643E-06	5.448E-04
315	0.	DIS23	Combination	-25.588	-0.657	-4.598E-03	1.245E-04	0.017
315	0.45	DIS23	Combination	-25.588	-5.107E-03	-3.294E-03	1.245E-04	0.0188
315	0.9	DIS23	Combination	-25.588	0.647	-1.989E-03	1.245E-04	0.02
315	0.	DIS24	Combination	-25.802	-0.648	4.777E-03	-1.318E-04	-0.0158
315	0.45	DIS24	Combination	-25.802	4.268E-03	3.472E-03	-1.318E-04	-0.0176
315	0.9	DIS24	Combination	-25.802	0.657	2.168E-03	-1.318E-04	-0.0189
315	0.	DIS25	Combination	-25.693	-0.653	8.946E-05	-3.642E-06	6.256E-04
315	0.45	DIS25	Combination	-25.695	-4.192E-04	8.946E-05	-3.642E-06	5.853E-04
315	0.9	DIS25	Combination	-25.696	0.652	8.946E-05	-3.642E-06	5.451E-04
315	0.	DIS26	Combination	-25.696	-0.653	8.942E-05	-3.643E-06	6.253E-04
315	0.45	DIS26	Combination	-25.695	-4.192E-04	8.942E-05	-3.643E-06	5.851E-04
315	0.9	DIS26	Combination	-25.693	0.652	8.942E-05	-3.643E-06	5.448E-04
315	0.	DIS27	Combination	-25.588	-0.657	-4.598E-03	1.245E-04	0.017
315	0.45	DIS27	Combination	-25.588	-5.107E-03	-3.294E-03	1.245E-04	0.0188
315	0.9	DIS27	Combination	-25.588	0.647	-1.989E-03	1.245E-04	0.02
315	0.	DIS28	Combination	-25.802	-0.648	4.777E-03	-1.318E-04	-0.0158
315	0.45	DIS28	Combination	-25.802	4.268E-03	3.472E-03	-1.318E-04	-0.0176
315	0.9	DIS28	Combination	-25.802	0.657	2.168E-03	-1.318E-04	-0.0189
315	0.	DIS29	Combination	-65.404	-1.69	2.337E-04	-9.356E-06	0.0016
315	0.45	DIS29	Combination	-65.404	-9.185E-04	2.337E-04	-9.356E-06	0.0015
315	0.9	DIS29	Combination	-65.404	1.689	2.337E-04	-9.356E-06	0.0014
315	0.	DIS30	Combination	-65.404	-1.69	2.337E-04	-9.356E-06	0.0016
315	0.45	DIS30	Combination	-65.404	-9.185E-04	2.337E-04	-9.356E-06	0.0015
315	0.9	DIS30	Combination	-65.404	1.689	2.337E-04	-9.356E-06	0.0014
315	0.	DIS31	Combination	-68.494	-1.771	2.449E-04	-9.800E-06	0.0017
315	0.45	DIS31	Combination	-68.494	-9.574E-04	2.449E-04	-9.800E-06	0.0016
315	0.9	DIS31	Combination	-68.494	1.769	2.449E-04	-9.800E-06	0.0015
315	0.	DIS32	Combination	-31.638	-0.808	1.110E-04	-4.498E-06	7.716E-04
315	0.45	DIS32	Combination	-31.638	-4.940E-04	1.110E-04	-4.498E-06	7.217E-04
315	0.9	DIS32	Combination	-31.638	0.807	1.110E-04	-4.498E-06	6.717E-04
315	0.	DIS33	Combination	-31.638	-0.808	1.110E-04	-4.498E-06	7.716E-04
315	0.45	DIS33	Combination	-31.638	-4.940E-04	1.110E-04	-4.498E-06	7.217E-04
315	0.9	DIS33	Combination	-31.638	0.807	1.110E-04	-4.498E-06	6.717E-04
315	0.	DIS34	Combination	-34.729	-0.889	1.223E-04	-4.942E-06	8.477E-04
315	0.45	DIS34	Combination	-34.729	-5.328E-04	1.223E-04	-4.942E-06	7.926E-04
315	0.9	DIS34	Combination	-34.729	0.888	1.223E-04	-4.942E-06	7.376E-04
315	0.	DIS35	Combination	-31.638	-0.808	1.110E-04	-4.498E-06	7.716E-04
315	0.45	DIS35	Combination	-31.638	-4.940E-04	1.110E-04	-4.498E-06	7.217E-04
315	0.9	DIS35	Combination	-31.638	0.807	1.110E-04	-4.498E-06	6.717E-04
315	0.	DIS36	Combination	-31.638	-0.808	1.110E-04	-4.498E-06	7.716E-04
315	0.45	DIS36	Combination	-31.638	-4.940E-04	1.110E-04	-4.498E-06	7.217E-04
315	0.9	DIS36	Combination	-31.638	0.807	1.110E-04	-4.498E-06	6.717E-04
315	0.	DIS37	Combination	-34.729	-0.889	1.223E-04	-4.942E-06	8.477E-04
315	0.45	DIS37	Combination	-34.729	-5.328E-04	1.223E-04	-4.942E-06	7.926E-04
315	0.9	DIS37	Combination	-34.729	0.888	1.223E-04	-4.942E-06	7.376E-04
315	0.	DIS38	Combination	-48.133	-1.239	1.710E-04	-6.871E-06	0.0012
315	0.45	DIS38	Combination	-48.133	-7.014E-04	1.710E-04	-6.871E-06	0.0011
315	0.9	DIS38	Combination	-48.133	1.238	1.710E-04	-6.871E-06	0.001
315	0.	DIS39	Combination	-48.133	-1.239	1.710E-04	-6.871E-06	0.0012
315	0.45	DIS39	Combination	-48.133	-7.014E-04	1.710E-04	-6.871E-06	0.0011
315	0.9	DIS39	Combination	-48.133	1.238	1.710E-04	-6.871E-06	0.001

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
315	0.	DIS40	Combination	-54.077	-1.394	1.926E-04	-7.726E-06	0.0013
315	0.45	DIS40	Combination	-54.077	-7.761E-04	1.926E-04	-7.726E-06	0.0012
315	0.9	DIS40	Combination	-54.077	1.393	1.926E-04	-7.726E-06	0.0012
315	0.	DIS41	Combination	-37.582	-0.963	1.326E-04	-5.353E-06	9.178E-04
315	0.45	DIS41	Combination	-37.582	-5.687E-04	1.326E-04	-5.353E-06	8.582E-04
315	0.9	DIS41	Combination	-37.582	0.962	1.326E-04	-5.353E-06	7.985E-04
315	0.	DIS42	Combination	-37.582	-0.963	1.326E-04	-5.353E-06	9.178E-04
315	0.45	DIS42	Combination	-37.582	-5.687E-04	1.326E-04	-5.353E-06	8.582E-04
315	0.9	DIS42	Combination	-37.582	0.962	1.326E-04	-5.353E-06	7.985E-04
315	0.	DIS43	Combination	-43.525	-1.119	1.542E-04	-6.208E-06	0.0011
315	0.45	DIS43	Combination	-43.525	-6.434E-04	1.542E-04	-6.208E-06	9.946E-04
315	0.9	DIS43	Combination	-43.525	1.117	1.542E-04	-6.208E-06	9.252E-04
315	0.	DIS44	Combination	-37.582	-0.963	1.326E-04	-5.353E-06	9.178E-04
315	0.45	DIS44	Combination	-37.582	-5.687E-04	1.326E-04	-5.353E-06	8.582E-04
315	0.9	DIS44	Combination	-37.582	0.962	1.326E-04	-5.353E-06	7.985E-04
315	0.	DIS45	Combination	-37.582	-0.963	1.326E-04	-5.353E-06	9.178E-04
315	0.45	DIS45	Combination	-37.582	-5.687E-04	1.326E-04	-5.353E-06	8.582E-04
315	0.9	DIS45	Combination	-37.582	0.962	1.326E-04	-5.353E-06	7.985E-04
315	0.	DIS46	Combination	-43.525	-1.119	1.542E-04	-6.208E-06	0.0011
315	0.45	DIS46	Combination	-43.525	-6.434E-04	1.542E-04	-6.208E-06	9.946E-04
315	0.9	DIS46	Combination	-43.525	1.117	1.542E-04	-6.208E-06	9.252E-04
315	0.	DIS47	Combination	-25.693	-0.653	8.946E-05	-3.642E-06	6.256E-04
315	0.45	DIS47	Combination	-25.695	-4.192E-04	8.946E-05	-3.642E-06	5.853E-04
315	0.9	DIS47	Combination	-25.696	0.652	8.946E-05	-3.642E-06	5.451E-04
315	0.	DIS48	Combination	-25.696	-0.653	8.942E-05	-3.643E-06	6.253E-04
315	0.45	DIS48	Combination	-25.695	-4.192E-04	8.942E-05	-3.643E-06	5.851E-04
315	0.9	DIS48	Combination	-25.693	0.652	8.942E-05	-3.643E-06	5.448E-04
315	0.	DIS49	Combination	-25.588	-0.657	-4.598E-03	1.245E-04	0.017
315	0.45	DIS49	Combination	-25.588	-5.107E-03	-3.294E-03	1.245E-04	0.0188
315	0.9	DIS49	Combination	-25.588	0.647	-1.989E-03	1.245E-04	0.02
315	0.	DIS50	Combination	-25.802	-0.648	4.777E-03	-1.318E-04	-0.0158
315	0.45	DIS50	Combination	-25.802	4.268E-03	3.472E-03	-1.318E-04	-0.0176
315	0.9	DIS50	Combination	-25.802	0.657	2.168E-03	-1.318E-04	-0.0189
315	0.	DIS51	Combination	-31.158	-0.8	1.103E-04	-4.442E-06	7.615E-04
315	0.45	DIS51	Combination	-31.158	-4.639E-04	1.103E-04	-4.442E-06	7.119E-04
315	0.9	DIS51	Combination	-31.158	0.799	1.103E-04	-4.442E-06	6.622E-04
315	0.	DIS52	Combination	-31.158	-0.8	1.103E-04	-4.442E-06	7.615E-04
315	0.45	DIS52	Combination	-31.158	-4.639E-04	1.103E-04	-4.442E-06	7.119E-04
315	0.9	DIS52	Combination	-31.158	0.799	1.103E-04	-4.442E-06	6.622E-04
315	0.	DIS53	Combination	-37.101	-0.955	1.319E-04	-5.297E-06	9.077E-04
315	0.45	DIS53	Combination	-37.101	-5.386E-04	1.319E-04	-5.297E-06	8.483E-04
315	0.9	DIS53	Combination	-37.101	0.954	1.319E-04	-5.297E-06	7.890E-04
315	0.	DIS54	Combination	-19.27	-0.49	6.710E-05	-2.732E-06	4.692E-04
315	0.45	DIS54	Combination	-19.271	-3.144E-04	6.710E-05	-2.732E-06	4.390E-04
315	0.9	DIS54	Combination	-19.272	0.489	6.710E-05	-2.732E-06	4.088E-04
315	0.	DIS55	Combination	-19.272	-0.49	6.707E-05	-2.732E-06	4.690E-04
315	0.45	DIS55	Combination	-19.271	-3.144E-04	6.707E-05	-2.732E-06	4.388E-04
315	0.9	DIS55	Combination	-19.27	0.489	6.707E-05	-2.732E-06	4.086E-04
315	0.	DIS56	Combination	-19.191	-0.493	-3.449E-03	9.340E-05	0.0128
315	0.45	DIS56	Combination	-19.191	-3.830E-03	-2.470E-03	9.340E-05	0.0141
315	0.9	DIS56	Combination	-19.191	0.485	-1.492E-03	9.340E-05	0.015
315	0.	DIS57	Combination	-19.351	-0.486	3.583E-03	-9.886E-05	-0.0118
315	0.45	DIS57	Combination	-19.351	3.201E-03	2.604E-03	-9.886E-05	-0.0132
315	0.9	DIS57	Combination	-19.351	0.492	1.626E-03	-9.886E-05	-0.0142

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
316	0.	DEAD	LinStatic	-24.547	-0.546	-3.697E-05	-7.104E-07	3.998E-04
316	0.45	DEAD	LinStatic	-24.547	-1.976E-03	-3.697E-05	-7.104E-07	4.164E-04
316	0.9	DEAD	LinStatic	-24.547	0.542	-3.697E-05	-7.104E-07	4.330E-04
316	0.	L	LinStatic	0.	0.	0.	0.	0.
316	0.45	L	LinStatic	0.	0.	0.	0.	0.
316	0.9	L	LinStatic	0.	0.	0.	0.	0.
316	0.	Lr	LinStatic	-24.195	-0.553	-3.592E-05	-7.394E-07	3.951E-04
316	0.45	Lr	LinStatic	-24.195	-1.966E-03	-3.592E-05	-7.394E-07	4.112E-04
316	0.9	Lr	LinStatic	-24.195	0.549	-3.592E-05	-7.394E-07	4.274E-04
316	0.	G	LinStatic	0.	0.	0.	0.	0.
316	0.45	G	LinStatic	0.	0.	0.	0.	0.
316	0.9	G	LinStatic	0.	0.	0.	0.	0.
316	0.	Le	LinStatic	0.	0.	0.	0.	0.
316	0.45	Le	LinStatic	0.	0.	0.	0.	0.
316	0.9	Le	LinStatic	0.	0.	0.	0.	0.
316	0.	Wx	LinStatic	-13.628	-0.312	-2.024E-05	-4.165E-07	2.225E-04
316	0.45	Wx	LinStatic	-13.628	-1.107E-03	-2.024E-05	-4.165E-07	2.316E-04
316	0.9	Wx	LinStatic	-13.628	0.309	-2.024E-05	-4.165E-07	2.407E-04
316	0.	Wy	LinStatic	-13.628	-0.312	-2.024E-05	-4.165E-07	2.225E-04
316	0.45	Wy	LinStatic	-13.628	-1.107E-03	-2.024E-05	-4.165E-07	2.316E-04
316	0.9	Wy	LinStatic	-13.628	0.309	-2.024E-05	-4.165E-07	2.407E-04
316	0.	CFx D	LinStatic	1.103E-03	3.410E-07	2.429E-08	3.248E-10	9.739E-08
316	0.45	CFx D	LinStatic	1.584E-05	3.410E-07	2.429E-08	3.248E-10	8.646E-08
316	0.9	CFx D	LinStatic	-1.071E-03	3.410E-07	2.429E-08	3.248E-10	7.552E-08
316	0.	CFy D	LinStatic	0.099	3.906E-03	7.813E-03	1.526E-04	0.0176
316	0.45	CFy D	LinStatic	0.099	3.906E-03	8.900E-03	1.526E-04	0.0138
316	0.9	CFy D	LinStatic	0.099	3.906E-03	9.987E-03	1.526E-04	0.0096
316	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
316	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
316	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
316	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
316	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
316	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
316	0.	CFx Lr	LinStatic	1.119E-03	1.165E-06	4.606E-08	-4.589E-10	1.059E-07
316	0.45	CFx Lr	LinStatic	1.614E-05	1.165E-06	4.606E-08	-4.589E-10	8.519E-08
316	0.9	CFx Lr	LinStatic	-1.086E-03	1.165E-06	4.606E-08	-4.589E-10	6.446E-08
316	0.	CFy Lr	LinStatic	0.1	7.813E-03	7.813E-03	1.602E-04	0.0195
316	0.45	CFy Lr	LinStatic	0.1	7.813E-03	8.915E-03	1.602E-04	0.0158
316	0.9	CFy Lr	LinStatic	0.1	7.813E-03	0.01	1.602E-04	0.0115
316	0.	DIS01	Combination	-34.365	-0.764	-5.172E-05	-9.941E-07	5.598E-04
316	0.45	DIS01	Combination	-34.366	-2.766E-03	-5.172E-05	-9.941E-07	5.831E-04
316	0.9	DIS01	Combination	-34.368	0.758	-5.172E-05	-9.941E-07	6.064E-04
316	0.	DIS02	Combination	-34.368	-0.764	-5.179E-05	-9.950E-07	5.595E-04
316	0.45	DIS02	Combination	-34.366	-2.767E-03	-5.179E-05	-9.950E-07	5.828E-04
316	0.9	DIS02	Combination	-34.365	0.758	-5.179E-05	-9.950E-07	6.061E-04
316	0.	DIS03	Combination	-34.228	-0.758	0.011	2.126E-04	0.0252
316	0.45	DIS03	Combination	-34.228	2.703E-03	0.012	2.126E-04	0.0199
316	0.9	DIS03	Combination	-34.228	0.764	0.014	2.126E-04	0.014
316	0.	DIS04	Combination	-34.504	-0.769	-0.011	-2.146E-04	-0.024
316	0.45	DIS04	Combination	-34.504	-8.235E-03	-0.013	-2.146E-04	-0.0188
316	0.9	DIS04	Combination	-34.504	0.753	-0.014	-2.146E-04	-0.0128
316	0.	DIS05	Combination	-41.552	-0.931	-6.227E-05	-1.222E-06	6.774E-04
316	0.45	DIS05	Combination	-41.554	-3.353E-03	-6.227E-05	-1.222E-06	7.054E-04
316	0.9	DIS05	Combination	-41.556	0.925	-6.227E-05	-1.222E-06	7.335E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
316	0.	DIS06	Combination	-41.556	-0.931	-6.238E-05	-1.222E-06	6.771E-04
316	0.45	DIS06	Combination	-41.554	-3.355E-03	-6.238E-05	-1.222E-06	7.051E-04
316	0.9	DIS06	Combination	-41.552	0.925	-6.238E-05	-1.222E-06	7.332E-04
316	0.	DIS07	Combination	-41.386	-0.923	0.013	2.620E-04	0.0315
316	0.45	DIS07	Combination	-41.386	5.240E-03	0.015	2.620E-04	0.0252
316	0.9	DIS07	Combination	-41.386	0.933	0.017	2.620E-04	0.018
316	0.	DIS08	Combination	-41.722	-0.94	-0.013	-2.644E-04	-0.0302
316	0.45	DIS08	Combination	-41.722	-0.012	-0.015	-2.644E-04	-0.0238
316	0.9	DIS08	Combination	-41.722	0.916	-0.017	-2.644E-04	-0.0165
316	0.	DIS09	Combination	-29.455	-0.655	-4.433E-05	-8.521E-07	4.798E-04
316	0.45	DIS09	Combination	-29.457	-2.371E-03	-4.433E-05	-8.521E-07	4.998E-04
316	0.9	DIS09	Combination	-29.458	0.65	-4.433E-05	-8.521E-07	5.197E-04
316	0.	DIS10	Combination	-29.458	-0.655	-4.439E-05	-8.528E-07	4.796E-04
316	0.45	DIS10	Combination	-29.457	-2.371E-03	-4.439E-05	-8.528E-07	4.996E-04
316	0.9	DIS10	Combination	-29.455	0.65	-4.439E-05	-8.528E-07	5.195E-04
316	0.	DIS11	Combination	-29.338	-0.65	9.331E-03	1.823E-04	0.0216
316	0.45	DIS11	Combination	-29.338	2.317E-03	0.011	1.823E-04	0.0171
316	0.9	DIS11	Combination	-29.338	0.655	0.012	1.823E-04	0.012
316	0.	DIS12	Combination	-29.575	-0.659	-9.419E-03	-1.840E-04	-0.0206
316	0.45	DIS12	Combination	-29.575	-7.058E-03	-0.011	-1.840E-04	-0.0161
316	0.9	DIS12	Combination	-29.575	0.645	-0.012	-1.840E-04	-0.011
316	0.	DIS13	Combination	-29.455	-0.655	-4.433E-05	-8.521E-07	4.798E-04
316	0.45	DIS13	Combination	-29.457	-2.371E-03	-4.433E-05	-8.521E-07	4.998E-04
316	0.9	DIS13	Combination	-29.458	0.65	-4.433E-05	-8.521E-07	5.197E-04
316	0.	DIS14	Combination	-29.458	-0.655	-4.439E-05	-8.528E-07	4.796E-04
316	0.45	DIS14	Combination	-29.457	-2.371E-03	-4.439E-05	-8.528E-07	4.996E-04
316	0.9	DIS14	Combination	-29.455	0.65	-4.439E-05	-8.528E-07	5.195E-04
316	0.	DIS15	Combination	-29.338	-0.65	9.331E-03	1.823E-04	0.0216
316	0.45	DIS15	Combination	-29.338	2.317E-03	0.011	1.823E-04	0.0171
316	0.9	DIS15	Combination	-29.338	0.655	0.012	1.823E-04	0.012
316	0.	DIS16	Combination	-29.575	-0.659	-9.419E-03	-1.840E-04	-0.0206
316	0.45	DIS16	Combination	-29.575	-7.058E-03	-0.011	-1.840E-04	-0.0161
316	0.9	DIS16	Combination	-29.575	0.645	-0.012	-1.840E-04	-0.011
316	0.	DIS17	Combination	-68.165	-1.54	-1.017E-04	-2.036E-06	0.0011
316	0.45	DIS17	Combination	-68.168	-5.514E-03	-1.017E-04	-2.036E-06	0.0012
316	0.9	DIS17	Combination	-68.171	1.529	-1.017E-04	-2.036E-06	0.0012
316	0.	DIS18	Combination	-68.171	-1.54	-1.019E-04	-2.035E-06	0.0011
316	0.45	DIS18	Combination	-68.168	-5.519E-03	-1.019E-04	-2.035E-06	0.0012
316	0.9	DIS18	Combination	-68.165	1.529	-1.019E-04	-2.035E-06	0.0012
316	0.	DIS19	Combination	-67.89	-1.523	0.022	4.374E-04	0.0535
316	0.45	DIS19	Combination	-67.89	0.012	0.025	4.374E-04	0.043
316	0.9	DIS19	Combination	-67.89	1.546	0.028	4.374E-04	0.0311
316	0.	DIS20	Combination	-68.446	-1.557	-0.022	-4.415E-04	-0.0512
316	0.45	DIS20	Combination	-68.446	-0.023	-0.025	-4.415E-04	-0.0407
316	0.9	DIS20	Combination	-68.446	1.512	-0.028	-4.415E-04	-0.0287
316	0.	DIS21	Combination	-29.455	-0.655	-4.433E-05	-8.521E-07	4.798E-04
316	0.45	DIS21	Combination	-29.457	-2.371E-03	-4.433E-05	-8.521E-07	4.998E-04
316	0.9	DIS21	Combination	-29.458	0.65	-4.433E-05	-8.521E-07	5.197E-04
316	0.	DIS22	Combination	-29.458	-0.655	-4.439E-05	-8.528E-07	4.796E-04
316	0.45	DIS22	Combination	-29.457	-2.371E-03	-4.439E-05	-8.528E-07	4.996E-04
316	0.9	DIS22	Combination	-29.455	0.65	-4.439E-05	-8.528E-07	5.195E-04
316	0.	DIS23	Combination	-29.338	-0.65	9.331E-03	1.823E-04	0.0216
316	0.45	DIS23	Combination	-29.338	2.317E-03	0.011	1.823E-04	0.0171
316	0.9	DIS23	Combination	-29.338	0.655	0.012	1.823E-04	0.012

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
316	0.	DIS24	Combination	-29.575	-0.659	-9.419E-03	-1.840E-04	-0.0206
316	0.45	DIS24	Combination	-29.575	-7.058E-03	-0.011	-1.840E-04	-0.0161
316	0.9	DIS24	Combination	-29.575	0.645	-0.012	-1.840E-04	-0.011
316	0.	DIS25	Combination	-29.455	-0.655	-4.433E-05	-8.521E-07	4.798E-04
316	0.45	DIS25	Combination	-29.457	-2.371E-03	-4.433E-05	-8.521E-07	4.998E-04
316	0.9	DIS25	Combination	-29.458	0.65	-4.433E-05	-8.521E-07	5.197E-04
316	0.	DIS26	Combination	-29.458	-0.655	-4.439E-05	-8.528E-07	4.796E-04
316	0.45	DIS26	Combination	-29.457	-2.371E-03	-4.439E-05	-8.528E-07	4.996E-04
316	0.9	DIS26	Combination	-29.455	0.65	-4.439E-05	-8.528E-07	5.195E-04
316	0.	DIS27	Combination	-29.338	-0.65	9.331E-03	1.823E-04	0.0216
316	0.45	DIS27	Combination	-29.338	2.317E-03	0.011	1.823E-04	0.0171
316	0.9	DIS27	Combination	-29.338	0.655	0.012	1.823E-04	0.012
316	0.	DIS28	Combination	-29.575	-0.659	-9.419E-03	-1.840E-04	-0.0206
316	0.45	DIS28	Combination	-29.575	-7.058E-03	-0.011	-1.840E-04	-0.0161
316	0.9	DIS28	Combination	-29.575	0.645	-0.012	-1.840E-04	-0.011
316	0.	DIS29	Combination	-74.982	-1.696	-1.120E-04	-2.244E-06	0.0012
316	0.45	DIS29	Combination	-74.982	-6.070E-03	-1.120E-04	-2.244E-06	0.0013
316	0.9	DIS29	Combination	-74.982	1.683	-1.120E-04	-2.244E-06	0.0013
316	0.	DIS30	Combination	-74.982	-1.696	-1.120E-04	-2.244E-06	0.0012
316	0.45	DIS30	Combination	-74.982	-6.070E-03	-1.120E-04	-2.244E-06	0.0013
316	0.9	DIS30	Combination	-74.982	1.683	-1.120E-04	-2.244E-06	0.0013
316	0.	DIS31	Combination	-78.525	-1.777	-1.172E-04	-2.352E-06	0.0013
316	0.45	DIS31	Combination	-78.525	-6.358E-03	-1.172E-04	-2.352E-06	0.0013
316	0.9	DIS31	Combination	-78.525	1.764	-1.172E-04	-2.352E-06	0.0014
316	0.	DIS32	Combination	-36.271	-0.81	-5.448E-05	-1.061E-06	5.910E-04
316	0.45	DIS32	Combination	-36.271	-2.925E-03	-5.448E-05	-1.061E-06	6.155E-04
316	0.9	DIS32	Combination	-36.271	0.805	-5.448E-05	-1.061E-06	6.400E-04
316	0.	DIS33	Combination	-36.271	-0.81	-5.448E-05	-1.061E-06	5.910E-04
316	0.45	DIS33	Combination	-36.271	-2.925E-03	-5.448E-05	-1.061E-06	6.155E-04
316	0.9	DIS33	Combination	-36.271	0.805	-5.448E-05	-1.061E-06	6.400E-04
316	0.	DIS34	Combination	-39.814	-0.891	-5.974E-05	-1.169E-06	6.488E-04
316	0.45	DIS34	Combination	-39.814	-3.212E-03	-5.974E-05	-1.169E-06	6.757E-04
316	0.9	DIS34	Combination	-39.814	0.885	-5.974E-05	-1.169E-06	7.026E-04
316	0.	DIS35	Combination	-36.271	-0.81	-5.448E-05	-1.061E-06	5.910E-04
316	0.45	DIS35	Combination	-36.271	-2.925E-03	-5.448E-05	-1.061E-06	6.155E-04
316	0.9	DIS35	Combination	-36.271	0.805	-5.448E-05	-1.061E-06	6.400E-04
316	0.	DIS36	Combination	-36.271	-0.81	-5.448E-05	-1.061E-06	5.910E-04
316	0.45	DIS36	Combination	-36.271	-2.925E-03	-5.448E-05	-1.061E-06	6.155E-04
316	0.9	DIS36	Combination	-36.271	0.805	-5.448E-05	-1.061E-06	6.400E-04
316	0.	DIS37	Combination	-39.814	-0.891	-5.974E-05	-1.169E-06	6.488E-04
316	0.45	DIS37	Combination	-39.814	-3.212E-03	-5.974E-05	-1.169E-06	6.757E-04
316	0.9	DIS37	Combination	-39.814	0.885	-5.974E-05	-1.169E-06	7.026E-04
316	0.	DIS38	Combination	-55.182	-1.243	-8.256E-05	-1.639E-06	8.998E-04
316	0.45	DIS38	Combination	-55.182	-4.461E-03	-8.256E-05	-1.639E-06	9.369E-04
316	0.9	DIS38	Combination	-55.182	1.234	-8.256E-05	-1.639E-06	9.741E-04
316	0.	DIS39	Combination	-55.182	-1.243	-8.256E-05	-1.639E-06	8.998E-04
316	0.45	DIS39	Combination	-55.182	-4.461E-03	-8.256E-05	-1.639E-06	9.369E-04
316	0.9	DIS39	Combination	-55.182	1.234	-8.256E-05	-1.639E-06	9.741E-04
316	0.	DIS40	Combination	-61.996	-1.399	-9.268E-05	-1.847E-06	0.001
316	0.45	DIS40	Combination	-61.996	-5.015E-03	-9.268E-05	-1.847E-06	0.0011
316	0.9	DIS40	Combination	-61.996	1.389	-9.268E-05	-1.847E-06	0.0011
316	0.	DIS41	Combination	-43.085	-0.966	-6.460E-05	-1.269E-06	7.022E-04
316	0.45	DIS41	Combination	-43.085	-3.478E-03	-6.460E-05	-1.269E-06	7.313E-04
316	0.9	DIS41	Combination	-43.085	0.959	-6.460E-05	-1.269E-06	7.604E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
316	0.	DIS42	Combination	-43.085	-0.966	-6.460E-05	-1.269E-06	7.022E-04
316	0.45	DIS42	Combination	-43.085	-3.478E-03	-6.460E-05	-1.269E-06	7.313E-04
316	0.9	DIS42	Combination	-43.085	0.959	-6.460E-05	-1.269E-06	7.604E-04
316	0.	DIS43	Combination	-49.899	-1.122	-7.472E-05	-1.477E-06	8.135E-04
316	0.45	DIS43	Combination	-49.899	-4.032E-03	-7.472E-05	-1.477E-06	8.471E-04
316	0.9	DIS43	Combination	-49.899	1.114	-7.472E-05	-1.477E-06	8.807E-04
316	0.	DIS44	Combination	-43.085	-0.966	-6.460E-05	-1.269E-06	7.022E-04
316	0.45	DIS44	Combination	-43.085	-3.478E-03	-6.460E-05	-1.269E-06	7.313E-04
316	0.9	DIS44	Combination	-43.085	0.959	-6.460E-05	-1.269E-06	7.604E-04
316	0.	DIS45	Combination	-43.085	-0.966	-6.460E-05	-1.269E-06	7.022E-04
316	0.45	DIS45	Combination	-43.085	-3.478E-03	-6.460E-05	-1.269E-06	7.313E-04
316	0.9	DIS45	Combination	-43.085	0.959	-6.460E-05	-1.269E-06	7.604E-04
316	0.	DIS46	Combination	-49.899	-1.122	-7.472E-05	-1.477E-06	8.135E-04
316	0.45	DIS46	Combination	-49.899	-4.032E-03	-7.472E-05	-1.477E-06	8.471E-04
316	0.9	DIS46	Combination	-49.899	1.114	-7.472E-05	-1.477E-06	8.807E-04
316	0.	DIS47	Combination	-29.455	-0.655	-4.433E-05	-8.521E-07	4.798E-04
316	0.45	DIS47	Combination	-29.457	-2.371E-03	-4.433E-05	-8.521E-07	4.998E-04
316	0.9	DIS47	Combination	-29.458	0.65	-4.433E-05	-8.521E-07	5.197E-04
316	0.	DIS48	Combination	-29.458	-0.655	-4.439E-05	-8.528E-07	4.796E-04
316	0.45	DIS48	Combination	-29.457	-2.371E-03	-4.439E-05	-8.528E-07	4.996E-04
316	0.9	DIS48	Combination	-29.455	0.65	-4.439E-05	-8.528E-07	5.195E-04
316	0.	DIS49	Combination	-29.338	-0.65	9.331E-03	1.823E-04	0.0216
316	0.45	DIS49	Combination	-29.338	2.317E-03	0.011	1.823E-04	0.0171
316	0.9	DIS49	Combination	-29.338	0.655	0.012	1.823E-04	0.012
316	0.	DIS50	Combination	-29.575	-0.659	-9.419E-03	-1.840E-04	-0.0206
316	0.45	DIS50	Combination	-29.575	-7.058E-03	-0.011	-1.840E-04	-0.0161
316	0.9	DIS50	Combination	-29.575	0.645	-0.012	-1.840E-04	-0.011
316	0.	DIS51	Combination	-35.721	-0.803	-5.351E-05	-1.056E-06	5.823E-04
316	0.45	DIS51	Combination	-35.721	-2.886E-03	-5.351E-05	-1.056E-06	6.064E-04
316	0.9	DIS51	Combination	-35.721	0.797	-5.351E-05	-1.056E-06	6.305E-04
316	0.	DIS52	Combination	-35.721	-0.803	-5.351E-05	-1.056E-06	5.823E-04
316	0.45	DIS52	Combination	-35.721	-2.886E-03	-5.351E-05	-1.056E-06	6.064E-04
316	0.9	DIS52	Combination	-35.721	0.797	-5.351E-05	-1.056E-06	6.305E-04
316	0.	DIS53	Combination	-42.535	-0.958	-6.363E-05	-1.264E-06	6.936E-04
316	0.45	DIS53	Combination	-42.535	-3.439E-03	-6.363E-05	-1.264E-06	7.222E-04
316	0.9	DIS53	Combination	-42.535	0.951	-6.363E-05	-1.264E-06	7.508E-04
316	0.	DIS54	Combination	-22.092	-0.491	-3.325E-05	-6.391E-07	3.599E-04
316	0.45	DIS54	Combination	-22.093	-1.778E-03	-3.325E-05	-6.391E-07	3.748E-04
316	0.9	DIS54	Combination	-22.094	0.487	-3.325E-05	-6.391E-07	3.898E-04
316	0.	DIS55	Combination	-22.094	-0.491	-3.329E-05	-6.396E-07	3.597E-04
316	0.45	DIS55	Combination	-22.093	-1.779E-03	-3.329E-05	-6.396E-07	3.747E-04
316	0.9	DIS55	Combination	-22.092	0.487	-3.329E-05	-6.396E-07	3.897E-04
316	0.	DIS56	Combination	-22.004	-0.487	6.998E-03	1.367E-04	0.0162
316	0.45	DIS56	Combination	-22.004	1.737E-03	7.976E-03	1.367E-04	0.0128
316	0.9	DIS56	Combination	-22.004	0.491	8.955E-03	1.367E-04	0.009
316	0.	DIS57	Combination	-22.181	-0.494	-7.065E-03	-1.380E-04	-0.0155
316	0.45	DIS57	Combination	-22.181	-5.294E-03	-8.043E-03	-1.380E-04	-0.0121
316	0.9	DIS57	Combination	-22.181	0.484	-9.021E-03	-1.380E-04	-0.0082
318	0.	DEAD	LinStatic	-24.547	-0.542	3.697E-05	7.104E-07	4.330E-04
318	0.45	DEAD	LinStatic	-24.547	1.976E-03	3.697E-05	7.104E-07	4.164E-04
318	0.9	DEAD	LinStatic	-24.547	0.546	3.697E-05	7.104E-07	3.998E-04
318	0.	L	LinStatic	0.	0.	0.	0.	0.
318	0.45	L	LinStatic	0.	0.	0.	0.	0.
318	0.9	L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
318	0.	Lr	LinStatic	-24.195	-0.549	3.592E-05	7.394E-07	4.274E-04
318	0.45	Lr	LinStatic	-24.195	1.966E-03	3.592E-05	7.394E-07	4.112E-04
318	0.9	Lr	LinStatic	-24.195	0.553	3.592E-05	7.394E-07	3.951E-04
318	0.	G	LinStatic	0.	0.	0.	0.	0.
318	0.45	G	LinStatic	0.	0.	0.	0.	0.
318	0.9	G	LinStatic	0.	0.	0.	0.	0.
318	0.	Le	LinStatic	0.	0.	0.	0.	0.
318	0.45	Le	LinStatic	0.	0.	0.	0.	0.
318	0.9	Le	LinStatic	0.	0.	0.	0.	0.
318	0.	Wx	LinStatic	-13.628	-0.309	2.024E-05	4.165E-07	2.407E-04
318	0.45	Wx	LinStatic	-13.628	1.107E-03	2.024E-05	4.165E-07	2.316E-04
318	0.9	Wx	LinStatic	-13.628	0.312	2.024E-05	4.165E-07	2.225E-04
318	0.	Wy	LinStatic	-13.628	-0.309	2.024E-05	4.165E-07	2.407E-04
318	0.45	Wy	LinStatic	-13.628	1.107E-03	2.024E-05	4.165E-07	2.316E-04
318	0.9	Wy	LinStatic	-13.628	0.312	2.024E-05	4.165E-07	2.225E-04
318	0.	CFx D	LinStatic	1.100E-03	2.552E-07	1.472E-08	5.908E-10	6.883E-08
318	0.45	CFx D	LinStatic	1.317E-05	2.552E-07	1.472E-08	5.908E-10	6.220E-08
318	0.9	CFx D	LinStatic	-1.074E-03	2.552E-07	1.472E-08	5.908E-10	5.557E-08
318	0.	CFy D	LinStatic	0.087	0.	7.813E-03	1.831E-04	0.0156
318	0.45	CFy D	LinStatic	0.087	0.	8.900E-03	1.831E-04	0.0119
318	0.9	CFy D	LinStatic	0.087	0.	9.987E-03	1.831E-04	0.0076
318	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
318	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
318	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
318	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
318	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
318	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
318	0.	CFx Lr	LinStatic	1.115E-03	1.080E-06	3.664E-08	-1.969E-10	7.773E-08
318	0.45	CFx Lr	LinStatic	1.243E-05	1.080E-06	3.664E-08	-1.969E-10	6.124E-08
318	0.9	CFx Lr	LinStatic	-1.090E-03	1.080E-06	3.664E-08	-1.969E-10	4.475E-08
318	0.	CFy Lr	LinStatic	0.087	3.906E-03	3.906E-03	1.678E-04	0.0137
318	0.45	CFy Lr	LinStatic	0.087	3.906E-03	5.009E-03	1.678E-04	0.0117
318	0.9	CFy Lr	LinStatic	0.087	3.906E-03	6.111E-03	1.678E-04	0.0092
318	0.	DIS01	Combination	-34.365	-0.758	5.178E-05	9.954E-07	6.063E-04
318	0.45	DIS01	Combination	-34.366	2.766E-03	5.178E-05	9.954E-07	5.830E-04
318	0.9	DIS01	Combination	-34.368	0.764	5.178E-05	9.954E-07	5.597E-04
318	0.	DIS02	Combination	-34.368	-0.758	5.174E-05	9.937E-07	6.061E-04
318	0.45	DIS02	Combination	-34.366	2.766E-03	5.174E-05	9.937E-07	5.829E-04
318	0.9	DIS02	Combination	-34.365	0.764	5.174E-05	9.937E-07	5.596E-04
318	0.	DIS03	Combination	-34.245	-0.758	0.011	2.573E-04	0.0225
318	0.45	DIS03	Combination	-34.245	2.766E-03	0.013	2.573E-04	0.0172
318	0.9	DIS03	Combination	-34.245	0.764	0.014	2.573E-04	0.0112
318	0.	DIS04	Combination	-34.488	-0.758	-0.011	-2.554E-04	-0.0213
318	0.45	DIS04	Combination	-34.488	2.766E-03	-0.012	-2.554E-04	-0.016
318	0.9	DIS04	Combination	-34.488	0.764	-0.014	-2.554E-04	-0.0101
318	0.	DIS05	Combination	-41.552	-0.925	6.236E-05	1.223E-06	7.335E-04
318	0.45	DIS05	Combination	-41.554	3.355E-03	6.236E-05	1.223E-06	7.054E-04
318	0.9	DIS05	Combination	-41.556	0.931	6.236E-05	1.223E-06	6.773E-04
318	0.	DIS06	Combination	-41.556	-0.925	6.229E-05	1.222E-06	7.332E-04
318	0.45	DIS06	Combination	-41.554	3.353E-03	6.229E-05	1.222E-06	7.052E-04
318	0.9	DIS06	Combination	-41.552	0.931	6.229E-05	1.222E-06	6.772E-04
318	0.	DIS07	Combination	-41.406	-0.923	0.011	3.049E-04	0.0263
318	0.45	DIS07	Combination	-41.406	5.307E-03	0.013	3.049E-04	0.0208
318	0.9	DIS07	Combination	-41.406	0.933	0.015	3.049E-04	0.0144

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
318	0.	DIS08	Combination	-41.702	-0.926	-0.011	-3.024E-04	-0.0249
318	0.45	DIS08	Combination	-41.702	1.401E-03	-0.013	-3.024E-04	-0.0194
318	0.9	DIS08	Combination	-41.702	0.929	-0.015	-3.024E-04	-0.013
318	0.	DIS09	Combination	-29.455	-0.65	4.438E-05	8.532E-07	5.197E-04
318	0.45	DIS09	Combination	-29.457	2.371E-03	4.438E-05	8.532E-07	4.998E-04
318	0.9	DIS09	Combination	-29.458	0.655	4.438E-05	8.532E-07	4.798E-04
318	0.	DIS10	Combination	-29.458	-0.65	4.435E-05	8.518E-07	5.196E-04
318	0.45	DIS10	Combination	-29.457	2.371E-03	4.435E-05	8.518E-07	4.996E-04
318	0.9	DIS10	Combination	-29.455	0.655	4.435E-05	8.518E-07	4.796E-04
318	0.	DIS11	Combination	-29.353	-0.65	9.419E-03	2.206E-04	0.0193
318	0.45	DIS11	Combination	-29.353	2.371E-03	0.011	2.206E-04	0.0147
318	0.9	DIS11	Combination	-29.353	0.655	0.012	2.206E-04	0.0096
318	0.	DIS12	Combination	-29.561	-0.65	-9.331E-03	-2.189E-04	-0.0182
318	0.45	DIS12	Combination	-29.561	2.371E-03	-0.011	-2.189E-04	-0.0137
318	0.9	DIS12	Combination	-29.561	0.655	-0.012	-2.189E-04	-0.0087
318	0.	DIS13	Combination	-29.455	-0.65	4.438E-05	8.532E-07	5.197E-04
318	0.45	DIS13	Combination	-29.457	2.371E-03	4.438E-05	8.532E-07	4.998E-04
318	0.9	DIS13	Combination	-29.458	0.655	4.438E-05	8.532E-07	4.798E-04
318	0.	DIS14	Combination	-29.458	-0.65	4.435E-05	8.518E-07	5.196E-04
318	0.45	DIS14	Combination	-29.457	2.371E-03	4.435E-05	8.518E-07	4.996E-04
318	0.9	DIS14	Combination	-29.455	0.655	4.435E-05	8.518E-07	4.796E-04
318	0.	DIS15	Combination	-29.353	-0.65	9.419E-03	2.206E-04	0.0193
318	0.45	DIS15	Combination	-29.353	2.371E-03	0.011	2.206E-04	0.0147
318	0.9	DIS15	Combination	-29.353	0.655	0.012	2.206E-04	0.0096
318	0.	DIS16	Combination	-29.561	-0.65	-9.331E-03	-2.189E-04	-0.0182
318	0.45	DIS16	Combination	-29.561	2.371E-03	-0.011	-2.189E-04	-0.0137
318	0.9	DIS16	Combination	-29.561	0.655	-0.012	-2.189E-04	-0.0087
318	0.	DIS17	Combination	-68.165	-1.529	1.019E-04	2.036E-06	0.0012
318	0.45	DIS17	Combination	-68.168	5.518E-03	1.019E-04	2.036E-06	0.0012
318	0.9	DIS17	Combination	-68.171	1.54	1.019E-04	2.036E-06	0.0011
318	0.	DIS18	Combination	-68.171	-1.529	1.018E-04	2.035E-06	0.0012
318	0.45	DIS18	Combination	-68.168	5.514E-03	1.018E-04	2.035E-06	0.0012
318	0.9	DIS18	Combination	-68.165	1.54	1.018E-04	2.035E-06	0.0011
318	0.	DIS19	Combination	-67.924	-1.522	0.016	4.903E-04	0.0418
318	0.45	DIS19	Combination	-67.924	0.012	0.019	4.903E-04	0.0341
318	0.9	DIS19	Combination	-67.924	1.546	0.022	4.903E-04	0.0249
318	0.	DIS20	Combination	-68.412	-1.535	-0.016	-4.862E-04	-0.0394
318	0.45	DIS20	Combination	-68.412	-7.336E-04	-0.019	-4.862E-04	-0.0317
318	0.9	DIS20	Combination	-68.412	1.534	-0.022	-4.862E-04	-0.0227
318	0.	DIS21	Combination	-29.455	-0.65	4.438E-05	8.532E-07	5.197E-04
318	0.45	DIS21	Combination	-29.457	2.371E-03	4.438E-05	8.532E-07	4.998E-04
318	0.9	DIS21	Combination	-29.458	0.655	4.438E-05	8.532E-07	4.798E-04
318	0.	DIS22	Combination	-29.458	-0.65	4.435E-05	8.518E-07	5.196E-04
318	0.45	DIS22	Combination	-29.457	2.371E-03	4.435E-05	8.518E-07	4.996E-04
318	0.9	DIS22	Combination	-29.455	0.655	4.435E-05	8.518E-07	4.796E-04
318	0.	DIS23	Combination	-29.353	-0.65	9.419E-03	2.206E-04	0.0193
318	0.45	DIS23	Combination	-29.353	2.371E-03	0.011	2.206E-04	0.0147
318	0.9	DIS23	Combination	-29.353	0.655	0.012	2.206E-04	0.0096
318	0.	DIS24	Combination	-29.561	-0.65	-9.331E-03	-2.189E-04	-0.0182
318	0.45	DIS24	Combination	-29.561	2.371E-03	-0.011	-2.189E-04	-0.0137
318	0.9	DIS24	Combination	-29.561	0.655	-0.012	-2.189E-04	-0.0087
318	0.	DIS25	Combination	-29.455	-0.65	4.438E-05	8.532E-07	5.197E-04
318	0.45	DIS25	Combination	-29.457	2.371E-03	4.438E-05	8.532E-07	4.998E-04
318	0.9	DIS25	Combination	-29.458	0.655	4.438E-05	8.532E-07	4.798E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
318	0.	DIS26	Combination	-29.458	-0.65	4.435E-05	8.518E-07	5.196E-04
318	0.45	DIS26	Combination	-29.457	2.371E-03	4.435E-05	8.518E-07	4.996E-04
318	0.9	DIS26	Combination	-29.455	0.655	4.435E-05	8.518E-07	4.796E-04
318	0.	DIS27	Combination	-29.353	-0.65	9.419E-03	2.206E-04	0.0193
318	0.45	DIS27	Combination	-29.353	2.371E-03	0.011	2.206E-04	0.0147
318	0.9	DIS27	Combination	-29.353	0.655	0.012	2.206E-04	0.0096
318	0.	DIS28	Combination	-29.561	-0.65	-9.331E-03	-2.189E-04	-0.0182
318	0.45	DIS28	Combination	-29.561	2.371E-03	-0.011	-2.189E-04	-0.0137
318	0.9	DIS28	Combination	-29.561	0.655	-0.012	-2.189E-04	-0.0087
318	0.	DIS29	Combination	-74.982	-1.683	1.120E-04	2.244E-06	0.0013
318	0.45	DIS29	Combination	-74.982	6.070E-03	1.120E-04	2.244E-06	0.0013
318	0.9	DIS29	Combination	-74.982	1.696	1.120E-04	2.244E-06	0.0012
318	0.	DIS30	Combination	-74.982	-1.683	1.120E-04	2.244E-06	0.0013
318	0.45	DIS30	Combination	-74.982	6.070E-03	1.120E-04	2.244E-06	0.0013
318	0.9	DIS30	Combination	-74.982	1.696	1.120E-04	2.244E-06	0.0012
318	0.	DIS31	Combination	-78.525	-1.764	1.172E-04	2.352E-06	0.0014
318	0.45	DIS31	Combination	-78.525	6.358E-03	1.172E-04	2.352E-06	0.0013
318	0.9	DIS31	Combination	-78.525	1.777	1.172E-04	2.352E-06	0.0013
318	0.	DIS32	Combination	-36.271	-0.805	5.448E-05	1.061E-06	6.400E-04
318	0.45	DIS32	Combination	-36.271	2.925E-03	5.448E-05	1.061E-06	6.155E-04
318	0.9	DIS32	Combination	-36.271	0.81	5.448E-05	1.061E-06	5.910E-04
318	0.	DIS33	Combination	-36.271	-0.805	5.448E-05	1.061E-06	6.400E-04
318	0.45	DIS33	Combination	-36.271	2.925E-03	5.448E-05	1.061E-06	6.155E-04
318	0.9	DIS33	Combination	-36.271	0.81	5.448E-05	1.061E-06	5.910E-04
318	0.	DIS34	Combination	-39.814	-0.885	5.974E-05	1.169E-06	7.026E-04
318	0.45	DIS34	Combination	-39.814	3.212E-03	5.974E-05	1.169E-06	6.757E-04
318	0.9	DIS34	Combination	-39.814	0.891	5.974E-05	1.169E-06	6.488E-04
318	0.	DIS35	Combination	-36.271	-0.805	5.448E-05	1.061E-06	6.400E-04
318	0.45	DIS35	Combination	-36.271	2.925E-03	5.448E-05	1.061E-06	6.155E-04
318	0.9	DIS35	Combination	-36.271	0.81	5.448E-05	1.061E-06	5.910E-04
318	0.	DIS36	Combination	-36.271	-0.805	5.448E-05	1.061E-06	6.400E-04
318	0.45	DIS36	Combination	-36.271	2.925E-03	5.448E-05	1.061E-06	6.155E-04
318	0.9	DIS36	Combination	-36.271	0.81	5.448E-05	1.061E-06	5.910E-04
318	0.	DIS37	Combination	-39.814	-0.885	5.974E-05	1.169E-06	7.026E-04
318	0.45	DIS37	Combination	-39.814	3.212E-03	5.974E-05	1.169E-06	6.757E-04
318	0.9	DIS37	Combination	-39.814	0.891	5.974E-05	1.169E-06	6.488E-04
318	0.	DIS38	Combination	-55.182	-1.234	8.256E-05	1.639E-06	9.741E-04
318	0.45	DIS38	Combination	-55.182	4.461E-03	8.256E-05	1.639E-06	9.369E-04
318	0.9	DIS38	Combination	-55.182	1.243	8.256E-05	1.639E-06	8.998E-04
318	0.	DIS39	Combination	-55.182	-1.234	8.256E-05	1.639E-06	9.741E-04
318	0.45	DIS39	Combination	-55.182	4.461E-03	8.256E-05	1.639E-06	9.369E-04
318	0.9	DIS39	Combination	-55.182	1.243	8.256E-05	1.639E-06	8.998E-04
318	0.	DIS40	Combination	-61.996	-1.389	9.268E-05	1.847E-06	0.0011
318	0.45	DIS40	Combination	-61.996	5.015E-03	9.268E-05	1.847E-06	0.0011
318	0.9	DIS40	Combination	-61.996	1.399	9.268E-05	1.847E-06	0.001
318	0.	DIS41	Combination	-43.085	-0.959	6.460E-05	1.269E-06	7.604E-04
318	0.45	DIS41	Combination	-43.085	3.478E-03	6.460E-05	1.269E-06	7.313E-04
318	0.9	DIS41	Combination	-43.085	0.966	6.460E-05	1.269E-06	7.022E-04
318	0.	DIS42	Combination	-43.085	-0.959	6.460E-05	1.269E-06	7.604E-04
318	0.45	DIS42	Combination	-43.085	3.478E-03	6.460E-05	1.269E-06	7.313E-04
318	0.9	DIS42	Combination	-43.085	0.966	6.460E-05	1.269E-06	7.022E-04
318	0.	DIS43	Combination	-49.899	-1.114	7.472E-05	1.477E-06	8.807E-04
318	0.45	DIS43	Combination	-49.899	4.032E-03	7.472E-05	1.477E-06	8.471E-04
318	0.9	DIS43	Combination	-49.899	1.122	7.472E-05	1.477E-06	8.135E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
318	0.	DIS44	Combination	-43.085	-0.959	6.460E-05	1.269E-06	7.604E-04
318	0.45	DIS44	Combination	-43.085	3.478E-03	6.460E-05	1.269E-06	7.313E-04
318	0.9	DIS44	Combination	-43.085	0.966	6.460E-05	1.269E-06	7.022E-04
318	0.	DIS45	Combination	-43.085	-0.959	6.460E-05	1.269E-06	7.604E-04
318	0.45	DIS45	Combination	-43.085	3.478E-03	6.460E-05	1.269E-06	7.313E-04
318	0.9	DIS45	Combination	-43.085	0.966	6.460E-05	1.269E-06	7.022E-04
318	0.	DIS46	Combination	-49.899	-1.114	7.472E-05	1.477E-06	8.807E-04
318	0.45	DIS46	Combination	-49.899	4.032E-03	7.472E-05	1.477E-06	8.471E-04
318	0.9	DIS46	Combination	-49.899	1.122	7.472E-05	1.477E-06	8.135E-04
318	0.	DIS47	Combination	-29.455	-0.65	4.438E-05	8.532E-07	5.197E-04
318	0.45	DIS47	Combination	-29.457	2.371E-03	4.438E-05	8.532E-07	4.998E-04
318	0.9	DIS47	Combination	-29.458	0.655	4.438E-05	8.532E-07	4.798E-04
318	0.	DIS48	Combination	-29.458	-0.65	4.435E-05	8.518E-07	5.196E-04
318	0.45	DIS48	Combination	-29.457	2.371E-03	4.435E-05	8.518E-07	4.996E-04
318	0.9	DIS48	Combination	-29.455	0.655	4.435E-05	8.518E-07	4.796E-04
318	0.	DIS49	Combination	-29.353	-0.65	9.419E-03	2.206E-04	0.0193
318	0.45	DIS49	Combination	-29.353	2.371E-03	0.011	2.206E-04	0.0147
318	0.9	DIS49	Combination	-29.353	0.655	0.012	2.206E-04	0.0096
318	0.	DIS50	Combination	-29.561	-0.65	-9.331E-03	-2.189E-04	-0.0182
318	0.45	DIS50	Combination	-29.561	2.371E-03	-0.011	-2.189E-04	-0.0137
318	0.9	DIS50	Combination	-29.561	0.655	-0.012	-2.189E-04	-0.0087
318	0.	DIS51	Combination	-35.721	-0.797	5.351E-05	1.056E-06	6.305E-04
318	0.45	DIS51	Combination	-35.721	2.886E-03	5.351E-05	1.056E-06	6.064E-04
318	0.9	DIS51	Combination	-35.721	0.803	5.351E-05	1.056E-06	5.823E-04
318	0.	DIS52	Combination	-35.721	-0.797	5.351E-05	1.056E-06	6.305E-04
318	0.45	DIS52	Combination	-35.721	2.886E-03	5.351E-05	1.056E-06	6.064E-04
318	0.9	DIS52	Combination	-35.721	0.803	5.351E-05	1.056E-06	5.823E-04
318	0.	DIS53	Combination	-42.535	-0.951	6.363E-05	1.264E-06	7.508E-04
318	0.45	DIS53	Combination	-42.535	3.439E-03	6.363E-05	1.264E-06	7.222E-04
318	0.9	DIS53	Combination	-42.535	0.958	6.363E-05	1.264E-06	6.936E-04
318	0.	DIS54	Combination	-22.092	-0.487	3.329E-05	6.399E-07	3.898E-04
318	0.45	DIS54	Combination	-22.093	1.778E-03	3.329E-05	6.399E-07	3.748E-04
318	0.9	DIS54	Combination	-22.094	0.491	3.329E-05	6.399E-07	3.598E-04
318	0.	DIS55	Combination	-22.094	-0.487	3.326E-05	6.388E-07	3.897E-04
318	0.45	DIS55	Combination	-22.093	1.778E-03	3.326E-05	6.388E-07	3.747E-04
318	0.9	DIS55	Combination	-22.092	0.491	3.326E-05	6.388E-07	3.597E-04
318	0.	DIS56	Combination	-22.014	-0.487	7.065E-03	1.654E-04	0.0145
318	0.45	DIS56	Combination	-22.014	1.778E-03	8.043E-03	1.654E-04	0.0111
318	0.9	DIS56	Combination	-22.014	0.491	9.021E-03	1.654E-04	0.0072
318	0.	DIS57	Combination	-22.171	-0.487	-6.998E-03	-1.642E-04	-0.0137
318	0.45	DIS57	Combination	-22.171	1.778E-03	-7.976E-03	-1.642E-04	-0.0103
318	0.9	DIS57	Combination	-22.171	0.491	-8.955E-03	-1.642E-04	-0.0065
31B	0.	DEAD	LinStatic	-21.412	-0.543	-7.453E-05	3.035E-06	4.541E-04
31B	0.45	DEAD	LinStatic	-21.412	3.493E-04	-7.453E-05	3.035E-06	4.877E-04
31B	0.9	DEAD	LinStatic	-21.412	0.544	-7.453E-05	3.035E-06	5.212E-04
31B	0.	L	LinStatic	0.	0.	0.	0.	0.
31B	0.45	L	LinStatic	0.	0.	0.	0.	0.
31B	0.9	L	LinStatic	0.	0.	0.	0.	0.
31B	0.	Lr	LinStatic	-21.104	-0.551	-7.667E-05	3.036E-06	4.501E-04
31B	0.45	Lr	LinStatic	-21.104	2.654E-04	-7.667E-05	3.036E-06	4.846E-04
31B	0.9	Lr	LinStatic	-21.104	0.552	-7.667E-05	3.036E-06	5.191E-04
31B	0.	G	LinStatic	0.	0.	0.	0.	0.
31B	0.45	G	LinStatic	0.	0.	0.	0.	0.
31B	0.9	G	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31B	0.	Le	LinStatic	0.	0.	0.	0.	0.
31B	0.45	Le	LinStatic	0.	0.	0.	0.	0.
31B	0.9	Le	LinStatic	0.	0.	0.	0.	0.
31B	0.	Wx	LinStatic	-11.887	-0.31	-4.319E-05	1.710E-06	2.535E-04
31B	0.45	Wx	LinStatic	-11.887	1.495E-04	-4.319E-05	1.710E-06	2.730E-04
31B	0.9	Wx	LinStatic	-11.887	0.311	-4.319E-05	1.710E-06	2.924E-04
31B	0.	Wy	LinStatic	-11.887	-0.31	-4.319E-05	1.710E-06	2.535E-04
31B	0.45	Wy	LinStatic	-11.887	1.495E-04	-4.319E-05	1.710E-06	2.730E-04
31B	0.9	Wy	LinStatic	-11.887	0.311	-4.319E-05	1.710E-06	2.924E-04
31B	0.	CFx D	LinStatic	1.098E-03	2.977E-07	1.415E-08	6.542E-10	4.917E-08
31B	0.45	CFx D	LinStatic	1.072E-05	2.977E-07	1.415E-08	6.542E-10	4.280E-08
31B	0.9	CFx D	LinStatic	-1.076E-03	2.977E-07	1.415E-08	6.542E-10	3.644E-08
31B	0.	CFy D	LinStatic	0.061	0.	3.906E-03	1.526E-04	0.0117
31B	0.45	CFy D	LinStatic	0.061	0.	4.993E-03	1.526E-04	0.0097
31B	0.9	CFy D	LinStatic	0.061	0.	6.080E-03	1.526E-04	0.0072
31B	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
31B	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
31B	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
31B	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
31B	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
31B	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
31B	0.	CFx Lr	LinStatic	1.111E-03	1.131E-06	3.680E-08	-1.518E-10	5.818E-08
31B	0.45	CFx Lr	LinStatic	8.941E-06	1.131E-06	3.680E-08	-1.518E-10	4.162E-08
31B	0.9	CFx Lr	LinStatic	-1.094E-03	1.131E-06	3.680E-08	-1.518E-10	2.506E-08
31B	0.	CFy Lr	LinStatic	0.061	3.906E-03	0.012	1.755E-04	0.0137
31B	0.45	CFy Lr	LinStatic	0.061	3.906E-03	0.013	1.755E-04	0.0082
31B	0.9	CFy Lr	LinStatic	0.061	3.906E-03	0.014	1.755E-04	0.0021
31B	0.	DIS01	Combination	-29.976	-0.76	-1.043E-04	4.250E-06	6.358E-04
31B	0.45	DIS01	Combination	-29.977	4.895E-04	-1.043E-04	4.250E-06	6.828E-04
31B	0.9	DIS01	Combination	-29.979	0.761	-1.043E-04	4.250E-06	7.297E-04
31B	0.	DIS02	Combination	-29.979	-0.76	-1.044E-04	4.249E-06	6.357E-04
31B	0.45	DIS02	Combination	-29.977	4.887E-04	-1.044E-04	4.249E-06	6.827E-04
31B	0.9	DIS02	Combination	-29.976	0.761	-1.044E-04	4.249E-06	7.296E-04
31B	0.	DIS03	Combination	-29.891	-0.76	5.364E-03	2.179E-04	0.017
31B	0.45	DIS03	Combination	-29.891	4.891E-04	6.886E-03	2.179E-04	0.0143
31B	0.9	DIS03	Combination	-29.891	0.761	8.408E-03	2.179E-04	0.0108
31B	0.	DIS04	Combination	-30.063	-0.76	-5.573E-03	-2.094E-04	-0.0158
31B	0.45	DIS04	Combination	-30.063	4.891E-04	-7.095E-03	-2.094E-04	-0.0129
31B	0.9	DIS04	Combination	-30.063	0.761	-8.617E-03	-2.094E-04	-0.0094
31B	0.	DIS05	Combination	-36.245	-0.927	-1.277E-04	5.161E-06	7.701E-04
31B	0.45	DIS05	Combination	-36.246	5.528E-04	-1.277E-04	5.161E-06	8.276E-04
31B	0.9	DIS05	Combination	-36.248	0.928	-1.277E-04	5.161E-06	8.851E-04
31B	0.	DIS06	Combination	-36.248	-0.927	-1.278E-04	5.160E-06	7.699E-04
31B	0.45	DIS06	Combination	-36.247	5.510E-04	-1.278E-04	5.160E-06	8.274E-04
31B	0.9	DIS06	Combination	-36.245	0.928	-1.278E-04	5.160E-06	8.849E-04
31B	0.	DIS07	Combination	-36.142	-0.925	0.01	2.760E-04	0.0217
31B	0.45	DIS07	Combination	-36.142	2.505E-03	0.012	2.760E-04	0.0166
31B	0.9	DIS07	Combination	-36.142	0.93	0.014	2.760E-04	0.0106
31B	0.	DIS08	Combination	-36.351	-0.929	-0.011	-2.657E-04	-0.0201
31B	0.45	DIS08	Combination	-36.351	-1.401E-03	-0.013	-2.657E-04	-0.0149
31B	0.9	DIS08	Combination	-36.351	0.926	-0.014	-2.657E-04	-0.0089
31B	0.	DIS09	Combination	-25.693	-0.652	-8.942E-05	3.643E-06	5.450E-04
31B	0.45	DIS09	Combination	-25.695	4.196E-04	-8.942E-05	3.643E-06	5.852E-04
31B	0.9	DIS09	Combination	-25.696	0.653	-8.942E-05	3.643E-06	6.255E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31B	0.	DIS10	Combination	-25.696	-0.652	-8.946E-05	3.642E-06	5.449E-04
31B	0.45	DIS10	Combination	-25.695	4.189E-04	-8.946E-05	3.642E-06	5.851E-04
31B	0.9	DIS10	Combination	-25.693	0.653	-8.946E-05	3.642E-06	6.254E-04
31B	0.	DIS11	Combination	-25.621	-0.652	4.598E-03	1.867E-04	0.0146
31B	0.45	DIS11	Combination	-25.621	4.192E-04	5.903E-03	1.867E-04	0.0122
31B	0.9	DIS11	Combination	-25.621	0.653	7.207E-03	1.867E-04	0.0093
31B	0.	DIS12	Combination	-25.768	-0.652	-4.777E-03	-1.795E-04	-0.0135
31B	0.45	DIS12	Combination	-25.768	4.192E-04	-6.081E-03	-1.795E-04	-0.0111
31B	0.9	DIS12	Combination	-25.768	0.653	-7.386E-03	-1.795E-04	-0.008
31B	0.	DIS13	Combination	-25.693	-0.652	-8.942E-05	3.643E-06	5.450E-04
31B	0.45	DIS13	Combination	-25.695	4.196E-04	-8.942E-05	3.643E-06	5.852E-04
31B	0.9	DIS13	Combination	-25.696	0.653	-8.942E-05	3.643E-06	6.255E-04
31B	0.	DIS14	Combination	-25.696	-0.652	-8.946E-05	3.642E-06	5.449E-04
31B	0.45	DIS14	Combination	-25.695	4.189E-04	-8.946E-05	3.642E-06	5.851E-04
31B	0.9	DIS14	Combination	-25.693	0.653	-8.946E-05	3.642E-06	6.254E-04
31B	0.	DIS15	Combination	-25.621	-0.652	4.598E-03	1.867E-04	0.0146
31B	0.45	DIS15	Combination	-25.621	4.192E-04	5.903E-03	1.867E-04	0.0122
31B	0.9	DIS15	Combination	-25.621	0.653	7.207E-03	1.867E-04	0.0093
31B	0.	DIS16	Combination	-25.768	-0.652	-4.777E-03	-1.795E-04	-0.0135
31B	0.45	DIS16	Combination	-25.768	4.192E-04	-6.081E-03	-1.795E-04	-0.0111
31B	0.9	DIS16	Combination	-25.768	0.653	-7.386E-03	-1.795E-04	-0.008
31B	0.	DIS17	Combination	-59.457	-1.533	-2.120E-04	8.501E-06	0.0013
31B	0.45	DIS17	Combination	-59.46	8.460E-04	-2.120E-04	8.501E-06	0.0014
31B	0.9	DIS17	Combination	-59.463	1.535	-2.120E-04	8.501E-06	0.0015
31B	0.	DIS18	Combination	-59.464	-1.533	-2.122E-04	8.500E-06	0.0013
31B	0.45	DIS18	Combination	-59.46	8.416E-04	-2.122E-04	8.500E-06	0.0014
31B	0.9	DIS18	Combination	-59.457	1.535	-2.122E-04	8.500E-06	0.0015
31B	0.	DIS19	Combination	-59.289	-1.527	0.023	4.724E-04	0.0372
31B	0.45	DIS19	Combination	-59.289	7.094E-03	0.026	4.724E-04	0.0261
31B	0.9	DIS19	Combination	-59.289	1.541	0.029	4.724E-04	0.0135
31B	0.	DIS20	Combination	-59.632	-1.54	-0.024	-4.554E-04	-0.0347
31B	0.45	DIS20	Combination	-59.632	-5.406E-03	-0.027	-4.554E-04	-0.0233
31B	0.9	DIS20	Combination	-59.632	1.529	-0.03	-4.554E-04	-0.0106
31B	0.	DIS21	Combination	-25.693	-0.652	-8.942E-05	3.643E-06	5.450E-04
31B	0.45	DIS21	Combination	-25.695	4.196E-04	-8.942E-05	3.643E-06	5.852E-04
31B	0.9	DIS21	Combination	-25.696	0.653	-8.942E-05	3.643E-06	6.255E-04
31B	0.	DIS22	Combination	-25.696	-0.652	-8.946E-05	3.642E-06	5.449E-04
31B	0.45	DIS22	Combination	-25.695	4.189E-04	-8.946E-05	3.642E-06	5.851E-04
31B	0.9	DIS22	Combination	-25.693	0.653	-8.946E-05	3.642E-06	6.254E-04
31B	0.	DIS23	Combination	-25.621	-0.652	4.598E-03	1.867E-04	0.0146
31B	0.45	DIS23	Combination	-25.621	4.192E-04	5.903E-03	1.867E-04	0.0122
31B	0.9	DIS23	Combination	-25.621	0.653	7.207E-03	1.867E-04	0.0093
31B	0.	DIS24	Combination	-25.768	-0.652	-4.777E-03	-1.795E-04	-0.0135
31B	0.45	DIS24	Combination	-25.768	4.192E-04	-6.081E-03	-1.795E-04	-0.0111
31B	0.9	DIS24	Combination	-25.768	0.653	-7.386E-03	-1.795E-04	-0.008
31B	0.	DIS25	Combination	-25.693	-0.652	-8.942E-05	3.643E-06	5.450E-04
31B	0.45	DIS25	Combination	-25.695	4.196E-04	-8.942E-05	3.643E-06	5.852E-04
31B	0.9	DIS25	Combination	-25.696	0.653	-8.942E-05	3.643E-06	6.255E-04
31B	0.	DIS26	Combination	-25.696	-0.652	-8.946E-05	3.642E-06	5.449E-04
31B	0.45	DIS26	Combination	-25.695	4.189E-04	-8.946E-05	3.642E-06	5.851E-04
31B	0.9	DIS26	Combination	-25.693	0.653	-8.946E-05	3.642E-06	6.254E-04
31B	0.	DIS27	Combination	-25.621	-0.652	4.598E-03	1.867E-04	0.0146
31B	0.45	DIS27	Combination	-25.621	4.192E-04	5.903E-03	1.867E-04	0.0122
31B	0.9	DIS27	Combination	-25.621	0.653	7.207E-03	1.867E-04	0.0093

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31B	0.	DIS28	Combination	-25.768	-0.652	-4.777E-03	-1.795E-04	-0.0135
31B	0.45	DIS28	Combination	-25.768	4.192E-04	-6.081E-03	-1.795E-04	-0.0111
31B	0.9	DIS28	Combination	-25.768	0.653	-7.386E-03	-1.795E-04	-0.008
31B	0.	DIS29	Combination	-65.404	-1.689	-2.337E-04	9.356E-06	0.0014
31B	0.45	DIS29	Combination	-65.404	9.185E-04	-2.337E-04	9.356E-06	0.0015
31B	0.9	DIS29	Combination	-65.404	1.69	-2.337E-04	9.356E-06	0.0016
31B	0.	DIS30	Combination	-65.404	-1.689	-2.337E-04	9.356E-06	0.0014
31B	0.45	DIS30	Combination	-65.404	9.185E-04	-2.337E-04	9.356E-06	0.0015
31B	0.9	DIS30	Combination	-65.404	1.69	-2.337E-04	9.356E-06	0.0016
31B	0.	DIS31	Combination	-68.494	-1.769	-2.449E-04	9.800E-06	0.0015
31B	0.45	DIS31	Combination	-68.494	9.574E-04	-2.449E-04	9.800E-06	0.0016
31B	0.9	DIS31	Combination	-68.494	1.771	-2.449E-04	9.800E-06	0.0017
31B	0.	DIS32	Combination	-31.638	-0.807	-1.110E-04	4.498E-06	6.717E-04
31B	0.45	DIS32	Combination	-31.638	4.940E-04	-1.110E-04	4.498E-06	7.217E-04
31B	0.9	DIS32	Combination	-31.638	0.808	-1.110E-04	4.498E-06	7.716E-04
31B	0.	DIS33	Combination	-31.638	-0.807	-1.110E-04	4.498E-06	6.717E-04
31B	0.45	DIS33	Combination	-31.638	4.940E-04	-1.110E-04	4.498E-06	7.217E-04
31B	0.9	DIS33	Combination	-31.638	0.808	-1.110E-04	4.498E-06	7.716E-04
31B	0.	DIS34	Combination	-34.729	-0.888	-1.223E-04	4.942E-06	7.376E-04
31B	0.45	DIS34	Combination	-34.729	5.328E-04	-1.223E-04	4.942E-06	7.926E-04
31B	0.9	DIS34	Combination	-34.729	0.889	-1.223E-04	4.942E-06	8.477E-04
31B	0.	DIS35	Combination	-31.638	-0.807	-1.110E-04	4.498E-06	6.717E-04
31B	0.45	DIS35	Combination	-31.638	4.940E-04	-1.110E-04	4.498E-06	7.217E-04
31B	0.9	DIS35	Combination	-31.638	0.808	-1.110E-04	4.498E-06	7.716E-04
31B	0.	DIS36	Combination	-31.638	-0.807	-1.110E-04	4.498E-06	6.717E-04
31B	0.45	DIS36	Combination	-31.638	4.940E-04	-1.110E-04	4.498E-06	7.217E-04
31B	0.9	DIS36	Combination	-31.638	0.808	-1.110E-04	4.498E-06	7.716E-04
31B	0.	DIS37	Combination	-34.729	-0.888	-1.223E-04	4.942E-06	7.376E-04
31B	0.45	DIS37	Combination	-34.729	5.328E-04	-1.223E-04	4.942E-06	7.926E-04
31B	0.9	DIS37	Combination	-34.729	0.889	-1.223E-04	4.942E-06	8.477E-04
31B	0.	DIS38	Combination	-48.133	-1.238	-1.710E-04	6.871E-06	0.001
31B	0.45	DIS38	Combination	-48.133	7.014E-04	-1.710E-04	6.871E-06	0.0011
31B	0.9	DIS38	Combination	-48.133	1.239	-1.710E-04	6.871E-06	0.0012
31B	0.	DIS39	Combination	-48.133	-1.238	-1.710E-04	6.871E-06	0.001
31B	0.45	DIS39	Combination	-48.133	7.014E-04	-1.710E-04	6.871E-06	0.0011
31B	0.9	DIS39	Combination	-48.133	1.239	-1.710E-04	6.871E-06	0.0012
31B	0.	DIS40	Combination	-54.077	-1.393	-1.926E-04	7.726E-06	0.0012
31B	0.45	DIS40	Combination	-54.077	7.761E-04	-1.926E-04	7.726E-06	0.0012
31B	0.9	DIS40	Combination	-54.077	1.394	-1.926E-04	7.726E-06	0.0013
31B	0.	DIS41	Combination	-37.582	-0.962	-1.326E-04	5.353E-06	7.985E-04
31B	0.45	DIS41	Combination	-37.582	5.687E-04	-1.326E-04	5.353E-06	8.582E-04
31B	0.9	DIS41	Combination	-37.582	0.963	-1.326E-04	5.353E-06	9.178E-04
31B	0.	DIS42	Combination	-37.582	-0.962	-1.326E-04	5.353E-06	7.985E-04
31B	0.45	DIS42	Combination	-37.582	5.687E-04	-1.326E-04	5.353E-06	8.582E-04
31B	0.9	DIS42	Combination	-37.582	0.963	-1.326E-04	5.353E-06	9.178E-04
31B	0.	DIS43	Combination	-43.525	-1.117	-1.542E-04	6.208E-06	9.252E-04
31B	0.45	DIS43	Combination	-43.525	6.434E-04	-1.542E-04	6.208E-06	9.946E-04
31B	0.9	DIS43	Combination	-43.525	1.119	-1.542E-04	6.208E-06	0.0011
31B	0.	DIS44	Combination	-37.582	-0.962	-1.326E-04	5.353E-06	7.985E-04
31B	0.45	DIS44	Combination	-37.582	5.687E-04	-1.326E-04	5.353E-06	8.582E-04
31B	0.9	DIS44	Combination	-37.582	0.963	-1.326E-04	5.353E-06	9.178E-04
31B	0.	DIS45	Combination	-37.582	-0.962	-1.326E-04	5.353E-06	7.985E-04
31B	0.45	DIS45	Combination	-37.582	5.687E-04	-1.326E-04	5.353E-06	8.582E-04
31B	0.9	DIS45	Combination	-37.582	0.963	-1.326E-04	5.353E-06	9.178E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31B	0.	DIS46	Combination	-43.525	-1.117	-1.542E-04	6.208E-06	9.252E-04
31B	0.45	DIS46	Combination	-43.525	6.434E-04	-1.542E-04	6.208E-06	9.946E-04
31B	0.9	DIS46	Combination	-43.525	1.119	-1.542E-04	6.208E-06	0.0011
31B	0.	DIS47	Combination	-25.693	-0.652	-8.942E-05	3.643E-06	5.450E-04
31B	0.45	DIS47	Combination	-25.695	4.196E-04	-8.942E-05	3.643E-06	5.852E-04
31B	0.9	DIS47	Combination	-25.696	0.653	-8.942E-05	3.643E-06	6.255E-04
31B	0.	DIS48	Combination	-25.696	-0.652	-8.946E-05	3.642E-06	5.449E-04
31B	0.45	DIS48	Combination	-25.695	4.189E-04	-8.946E-05	3.642E-06	5.851E-04
31B	0.9	DIS48	Combination	-25.693	0.653	-8.946E-05	3.642E-06	6.254E-04
31B	0.	DIS49	Combination	-25.621	-0.652	4.598E-03	1.867E-04	0.0146
31B	0.45	DIS49	Combination	-25.621	4.192E-04	5.903E-03	1.867E-04	0.0122
31B	0.9	DIS49	Combination	-25.621	0.653	7.207E-03	1.867E-04	0.0093
31B	0.	DIS50	Combination	-25.768	-0.652	-4.777E-03	-1.795E-04	-0.0135
31B	0.45	DIS50	Combination	-25.768	4.192E-04	-6.081E-03	-1.795E-04	-0.0111
31B	0.9	DIS50	Combination	-25.768	0.653	-7.386E-03	-1.795E-04	-0.008
31B	0.	DIS51	Combination	-31.158	-0.799	-1.103E-04	4.442E-06	6.622E-04
31B	0.45	DIS51	Combination	-31.158	4.639E-04	-1.103E-04	4.442E-06	7.119E-04
31B	0.9	DIS51	Combination	-31.158	0.8	-1.103E-04	4.442E-06	7.615E-04
31B	0.	DIS52	Combination	-31.158	-0.799	-1.103E-04	4.442E-06	6.622E-04
31B	0.45	DIS52	Combination	-31.158	4.639E-04	-1.103E-04	4.442E-06	7.119E-04
31B	0.9	DIS52	Combination	-31.158	0.8	-1.103E-04	4.442E-06	7.615E-04
31B	0.	DIS53	Combination	-37.101	-0.954	-1.319E-04	5.297E-06	7.890E-04
31B	0.45	DIS53	Combination	-37.101	5.386E-04	-1.319E-04	5.297E-06	8.483E-04
31B	0.9	DIS53	Combination	-37.101	0.955	-1.319E-04	5.297E-06	9.077E-04
31B	0.	DIS54	Combination	-19.27	-0.489	-6.707E-05	2.732E-06	4.088E-04
31B	0.45	DIS54	Combination	-19.271	3.147E-04	-6.707E-05	2.732E-06	4.389E-04
31B	0.9	DIS54	Combination	-19.272	0.49	-6.707E-05	2.732E-06	4.691E-04
31B	0.	DIS55	Combination	-19.272	-0.489	-6.709E-05	2.731E-06	4.087E-04
31B	0.45	DIS55	Combination	-19.271	3.141E-04	-6.709E-05	2.731E-06	4.389E-04
31B	0.9	DIS55	Combination	-19.27	0.49	-6.709E-05	2.731E-06	4.690E-04
31B	0.	DIS56	Combination	-19.216	-0.489	3.449E-03	1.401E-04	0.011
31B	0.45	DIS56	Combination	-19.216	3.144E-04	4.427E-03	1.401E-04	0.0092
31B	0.9	DIS56	Combination	-19.216	0.49	5.405E-03	1.401E-04	0.007
31B	0.	DIS57	Combination	-19.326	-0.489	-3.583E-03	-1.346E-04	-0.0101
31B	0.45	DIS57	Combination	-19.326	3.144E-04	-4.561E-03	-1.346E-04	-0.0083
31B	0.9	DIS57	Combination	-19.326	0.49	-5.539E-03	-1.346E-04	-0.006
31D	0.	DEAD	LinStatic	-15.157	-0.523	3.589E-04	9.474E-06	4.093E-04
31D	0.45	DEAD	LinStatic	-15.157	0.021	3.589E-04	9.474E-06	2.478E-04
31D	0.9	DEAD	LinStatic	-15.157	0.564	3.589E-04	9.474E-06	8.633E-05
31D	0.	L	LinStatic	0.	0.	0.	0.	0.
31D	0.45	L	LinStatic	0.	0.	0.	0.	0.
31D	0.9	L	LinStatic	0.	0.	0.	0.	0.
31D	0.	Lr	LinStatic	-14.936	-0.531	3.480E-04	9.985E-06	4.046E-04
31D	0.45	Lr	LinStatic	-14.936	0.021	3.480E-04	9.985E-06	2.480E-04
31D	0.9	Lr	LinStatic	-14.936	0.572	3.480E-04	9.985E-06	9.141E-05
31D	0.	G	LinStatic	0.	0.	0.	0.	0.
31D	0.45	G	LinStatic	0.	0.	0.	0.	0.
31D	0.9	G	LinStatic	0.	0.	0.	0.	0.
31D	0.	Le	LinStatic	0.	0.	0.	0.	0.
31D	0.45	Le	LinStatic	0.	0.	0.	0.	0.
31D	0.9	Le	LinStatic	0.	0.	0.	0.	0.
31D	0.	Wx	LinStatic	-8.413	-0.299	1.960E-04	5.624E-06	2.279E-04
31D	0.45	Wx	LinStatic	-8.413	0.012	1.960E-04	5.624E-06	1.397E-04
31D	0.9	Wx	LinStatic	-8.413	0.322	1.960E-04	5.624E-06	5.149E-05

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31D	0.	Wy	LinStatic	-8.413	-0.299	1.960E-04	5.624E-06	2.279E-04
31D	0.45	Wy	LinStatic	-8.413	0.012	1.960E-04	5.624E-06	1.397E-04
31D	0.9	Wy	LinStatic	-8.413	0.322	1.960E-04	5.624E-06	5.149E-05
31D	0.	CFx D	LinStatic	1.095E-03	1.565E-07	2.378E-08	1.490E-10	3.275E-08
31D	0.45	CFx D	LinStatic	7.959E-06	1.565E-07	2.378E-08	1.490E-10	2.204E-08
31D	0.9	CFx D	LinStatic	-1.079E-03	1.565E-07	2.378E-08	1.490E-10	1.134E-08
31D	0.	CFy D	LinStatic	0.031	3.906E-03	0.016	1.068E-04	0.0098
31D	0.45	CFy D	LinStatic	0.031	3.906E-03	0.017	1.068E-04	0.0025
31D	0.9	CFy D	LinStatic	0.031	3.906E-03	0.018	1.068E-04	-0.0053
31D	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
31D	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
31D	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
31D	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
31D	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
31D	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
31D	0.	CFx Lr	LinStatic	1.108E-03	9.517E-07	4.503E-08	-6.498E-10	4.136E-08
31D	0.45	CFx Lr	LinStatic	5.206E-06	9.517E-07	4.503E-08	-6.498E-10	2.109E-08
31D	0.9	CFx Lr	LinStatic	-1.097E-03	9.517E-07	4.503E-08	-6.498E-10	8.245E-10
31D	0.	CFy Lr	LinStatic	0.032	3.906E-03	7.813E-03	9.918E-05	0.0098
31D	0.45	CFy Lr	LinStatic	0.032	3.906E-03	8.915E-03	9.918E-05	0.006
31D	0.9	CFy Lr	LinStatic	0.032	3.906E-03	0.01	9.918E-05	0.0017
31D	0.	DIS01	Combination	-21.218	-0.732	5.025E-04	1.326E-05	5.731E-04
31D	0.45	DIS01	Combination	-21.22	0.029	5.025E-04	1.326E-05	3.470E-04
31D	0.9	DIS01	Combination	-21.221	0.79	5.025E-04	1.326E-05	1.209E-04
31D	0.	DIS02	Combination	-21.221	-0.732	5.024E-04	1.326E-05	5.730E-04
31D	0.45	DIS02	Combination	-21.22	0.029	5.024E-04	1.326E-05	3.469E-04
31D	0.9	DIS02	Combination	-21.218	0.79	5.024E-04	1.326E-05	1.208E-04
31D	0.	DIS03	Combination	-21.176	-0.727	0.022	1.628E-04	0.0142
31D	0.45	DIS03	Combination	-21.176	0.034	0.024	1.628E-04	0.0038
31D	0.9	DIS03	Combination	-21.176	0.795	0.025	1.628E-04	-0.0073
31D	0.	DIS04	Combination	-21.264	-0.738	-0.021	-1.363E-04	-0.0131
31D	0.45	DIS04	Combination	-21.264	0.023	-0.023	-1.363E-04	-0.0031
31D	0.9	DIS04	Combination	-21.264	0.784	-0.024	-1.363E-04	0.0075
31D	0.	DIS05	Combination	-25.654	-0.893	6.048E-04	1.636E-05	6.936E-04
31D	0.45	DIS05	Combination	-25.656	0.035	6.048E-04	1.636E-05	4.215E-04
31D	0.9	DIS05	Combination	-25.658	0.963	6.048E-04	1.636E-05	1.493E-04
31D	0.	DIS06	Combination	-25.658	-0.893	6.047E-04	1.636E-05	6.935E-04
31D	0.45	DIS06	Combination	-25.656	0.035	6.047E-04	1.636E-05	4.214E-04
31D	0.9	DIS06	Combination	-25.654	0.963	6.047E-04	1.636E-05	1.493E-04
31D	0.	DIS07	Combination	-25.603	-0.886	0.023	1.941E-04	0.0173
31D	0.45	DIS07	Combination	-25.603	0.042	0.025	1.941E-04	0.0064
31D	0.9	DIS07	Combination	-25.603	0.97	0.027	1.941E-04	-0.0053
31D	0.	DIS08	Combination	-25.71	-0.9	-0.022	-1.614E-04	-0.0159
31D	0.45	DIS08	Combination	-25.71	0.028	-0.024	-1.614E-04	-0.0056
31D	0.9	DIS08	Combination	-25.71	0.956	-0.026	-1.614E-04	0.0056
31D	0.	DIS09	Combination	-18.187	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS09	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS09	Combination	-18.19	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS10	Combination	-18.19	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS10	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS10	Combination	-18.187	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS11	Combination	-18.151	-0.623	0.019	1.395E-04	0.0122
31D	0.45	DIS11	Combination	-18.151	0.029	0.02	1.395E-04	0.0033
31D	0.9	DIS11	Combination	-18.151	0.682	0.022	1.395E-04	-0.0062

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31D	0.	DIS12	Combination	-18.226	-0.632	-0.018	-1.168E-04	-0.0112
31D	0.45	DIS12	Combination	-18.226	0.02	-0.02	-1.168E-04	-0.0027
31D	0.9	DIS12	Combination	-18.226	0.672	-0.021	-1.168E-04	0.0064
31D	0.	DIS13	Combination	-18.187	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS13	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS13	Combination	-18.19	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS14	Combination	-18.19	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS14	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS14	Combination	-18.187	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS15	Combination	-18.151	-0.623	0.019	1.395E-04	0.0122
31D	0.45	DIS15	Combination	-18.151	0.029	0.02	1.395E-04	0.0033
31D	0.9	DIS15	Combination	-18.151	0.682	0.022	1.395E-04	-0.0062
31D	0.	DIS16	Combination	-18.226	-0.632	-0.018	-1.168E-04	-0.0112
31D	0.45	DIS16	Combination	-18.226	0.02	-0.02	-1.168E-04	-0.0027
31D	0.9	DIS16	Combination	-18.226	0.672	-0.021	-1.168E-04	0.0064
31D	0.	DIS17	Combination	-42.083	-1.477	9.876E-04	2.734E-05	0.0011
31D	0.45	DIS17	Combination	-42.086	0.058	9.876E-04	2.734E-05	6.943E-04
31D	0.9	DIS17	Combination	-42.089	1.592	9.876E-04	2.734E-05	2.499E-04
31D	0.	DIS18	Combination	-42.089	-1.477	9.874E-04	2.735E-05	0.0011
31D	0.45	DIS18	Combination	-42.086	0.058	9.874E-04	2.735E-05	6.942E-04
31D	0.9	DIS18	Combination	-42.083	1.592	9.874E-04	2.735E-05	2.498E-04
31D	0.	DIS19	Combination	-41.997	-1.466	0.032	3.142E-04	0.0285
31D	0.45	DIS19	Combination	-41.997	0.069	0.035	3.142E-04	0.0133
31D	0.9	DIS19	Combination	-41.997	1.603	0.038	3.142E-04	-0.0033
31D	0.	DIS20	Combination	-42.175	-1.487	-0.03	-2.595E-04	-0.0262
31D	0.45	DIS20	Combination	-42.175	0.047	-0.033	-2.595E-04	-0.0119
31D	0.9	DIS20	Combination	-42.175	1.581	-0.036	-2.595E-04	0.0038
31D	0.	DIS21	Combination	-18.187	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS21	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS21	Combination	-18.19	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS22	Combination	-18.19	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS22	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS22	Combination	-18.187	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS23	Combination	-18.151	-0.623	0.019	1.395E-04	0.0122
31D	0.45	DIS23	Combination	-18.151	0.029	0.02	1.395E-04	0.0033
31D	0.9	DIS23	Combination	-18.151	0.682	0.022	1.395E-04	-0.0062
31D	0.	DIS24	Combination	-18.226	-0.632	-0.018	-1.168E-04	-0.0112
31D	0.45	DIS24	Combination	-18.226	0.02	-0.02	-1.168E-04	-0.0027
31D	0.9	DIS24	Combination	-18.226	0.672	-0.021	-1.168E-04	0.0064
31D	0.	DIS25	Combination	-18.187	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS25	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS25	Combination	-18.19	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS26	Combination	-18.19	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS26	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS26	Combination	-18.187	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS27	Combination	-18.151	-0.623	0.019	1.395E-04	0.0122
31D	0.45	DIS27	Combination	-18.151	0.029	0.02	1.395E-04	0.0033
31D	0.9	DIS27	Combination	-18.151	0.682	0.022	1.395E-04	-0.0062
31D	0.	DIS28	Combination	-18.226	-0.632	-0.018	-1.168E-04	-0.0112
31D	0.45	DIS28	Combination	-18.226	0.02	-0.02	-1.168E-04	-0.0027
31D	0.9	DIS28	Combination	-18.226	0.672	-0.021	-1.168E-04	0.0064
31D	0.	DIS29	Combination	-46.292	-1.626	1.086E-03	3.016E-05	0.0013
31D	0.45	DIS29	Combination	-46.292	0.064	1.086E-03	3.016E-05	7.641E-04
31D	0.9	DIS29	Combination	-46.292	1.753	1.086E-03	3.016E-05	2.756E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31D	0.	DIS30	Combination	-46.292	-1.626	1.086E-03	3.016E-05	0.0013
31D	0.45	DIS30	Combination	-46.292	0.064	1.086E-03	3.016E-05	7.641E-04
31D	0.9	DIS30	Combination	-46.292	1.753	1.086E-03	3.016E-05	2.756E-04
31D	0.	DIS31	Combination	-48.48	-1.704	1.137E-03	3.162E-05	0.0013
31D	0.45	DIS31	Combination	-48.48	0.067	1.137E-03	3.162E-05	8.004E-04
31D	0.9	DIS31	Combination	-48.48	1.837	1.137E-03	3.162E-05	2.890E-04
31D	0.	DIS32	Combination	-22.395	-0.777	5.287E-04	1.418E-05	6.052E-04
31D	0.45	DIS32	Combination	-22.395	0.031	5.287E-04	1.418E-05	3.673E-04
31D	0.9	DIS32	Combination	-22.395	0.838	5.287E-04	1.418E-05	1.293E-04
31D	0.	DIS33	Combination	-22.395	-0.777	5.287E-04	1.418E-05	6.052E-04
31D	0.45	DIS33	Combination	-22.395	0.031	5.287E-04	1.418E-05	3.673E-04
31D	0.9	DIS33	Combination	-22.395	0.838	5.287E-04	1.418E-05	1.293E-04
31D	0.	DIS34	Combination	-24.582	-0.855	5.797E-04	1.564E-05	6.644E-04
31D	0.45	DIS34	Combination	-24.582	0.034	5.797E-04	1.564E-05	4.036E-04
31D	0.9	DIS34	Combination	-24.582	0.922	5.797E-04	1.564E-05	1.427E-04
31D	0.	DIS35	Combination	-22.395	-0.777	5.287E-04	1.418E-05	6.052E-04
31D	0.45	DIS35	Combination	-22.395	0.031	5.287E-04	1.418E-05	3.673E-04
31D	0.9	DIS35	Combination	-22.395	0.838	5.287E-04	1.418E-05	1.293E-04
31D	0.	DIS36	Combination	-22.395	-0.777	5.287E-04	1.418E-05	6.052E-04
31D	0.45	DIS36	Combination	-22.395	0.031	5.287E-04	1.418E-05	3.673E-04
31D	0.9	DIS36	Combination	-22.395	0.838	5.287E-04	1.418E-05	1.293E-04
31D	0.	DIS37	Combination	-24.582	-0.855	5.797E-04	1.564E-05	6.644E-04
31D	0.45	DIS37	Combination	-24.582	0.034	5.797E-04	1.564E-05	4.036E-04
31D	0.9	DIS37	Combination	-24.582	0.922	5.797E-04	1.564E-05	1.427E-04
31D	0.	DIS38	Combination	-34.069	-1.192	8.007E-04	2.199E-05	9.215E-04
31D	0.45	DIS38	Combination	-34.069	0.047	8.007E-04	2.199E-05	5.611E-04
31D	0.9	DIS38	Combination	-34.069	1.285	8.007E-04	2.199E-05	2.008E-04
31D	0.	DIS39	Combination	-34.069	-1.192	8.007E-04	2.199E-05	9.215E-04
31D	0.45	DIS39	Combination	-34.069	0.047	8.007E-04	2.199E-05	5.611E-04
31D	0.9	DIS39	Combination	-34.069	1.285	8.007E-04	2.199E-05	2.008E-04
31D	0.	DIS40	Combination	-38.276	-1.341	8.988E-04	2.480E-05	0.001
31D	0.45	DIS40	Combination	-38.276	0.052	8.988E-04	2.480E-05	6.310E-04
31D	0.9	DIS40	Combination	-38.276	1.446	8.988E-04	2.480E-05	2.265E-04
31D	0.	DIS41	Combination	-26.601	-0.926	6.267E-04	1.699E-05	7.191E-04
31D	0.45	DIS41	Combination	-26.601	0.036	6.267E-04	1.699E-05	4.371E-04
31D	0.9	DIS41	Combination	-26.601	0.999	6.267E-04	1.699E-05	1.551E-04
31D	0.	DIS42	Combination	-26.601	-0.926	6.267E-04	1.699E-05	7.191E-04
31D	0.45	DIS42	Combination	-26.601	0.036	6.267E-04	1.699E-05	4.371E-04
31D	0.9	DIS42	Combination	-26.601	0.999	6.267E-04	1.699E-05	1.551E-04
31D	0.	DIS43	Combination	-30.808	-1.076	7.247E-04	1.981E-05	8.331E-04
31D	0.45	DIS43	Combination	-30.808	0.042	7.247E-04	1.981E-05	5.070E-04
31D	0.9	DIS43	Combination	-30.808	1.16	7.247E-04	1.981E-05	1.808E-04
31D	0.	DIS44	Combination	-26.601	-0.926	6.267E-04	1.699E-05	7.191E-04
31D	0.45	DIS44	Combination	-26.601	0.036	6.267E-04	1.699E-05	4.371E-04
31D	0.9	DIS44	Combination	-26.601	0.999	6.267E-04	1.699E-05	1.551E-04
31D	0.	DIS45	Combination	-26.601	-0.926	6.267E-04	1.699E-05	7.191E-04
31D	0.45	DIS45	Combination	-26.601	0.036	6.267E-04	1.699E-05	4.371E-04
31D	0.9	DIS45	Combination	-26.601	0.999	6.267E-04	1.699E-05	1.551E-04
31D	0.	DIS46	Combination	-30.808	-1.076	7.247E-04	1.981E-05	8.331E-04
31D	0.45	DIS46	Combination	-30.808	0.042	7.247E-04	1.981E-05	5.070E-04
31D	0.9	DIS46	Combination	-30.808	1.16	7.247E-04	1.981E-05	1.808E-04
31D	0.	DIS47	Combination	-18.187	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS47	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS47	Combination	-18.19	0.677	4.307E-04	1.137E-05	1.036E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31D	0.	DIS48	Combination	-18.19	-0.628	4.307E-04	1.137E-05	4.912E-04
31D	0.45	DIS48	Combination	-18.188	0.025	4.307E-04	1.137E-05	2.974E-04
31D	0.9	DIS48	Combination	-18.187	0.677	4.307E-04	1.137E-05	1.036E-04
31D	0.	DIS49	Combination	-18.151	-0.623	0.019	1.395E-04	0.0122
31D	0.45	DIS49	Combination	-18.151	0.029	0.02	1.395E-04	0.0033
31D	0.9	DIS49	Combination	-18.151	0.682	0.022	1.395E-04	-0.0062
31D	0.	DIS50	Combination	-18.226	-0.632	-0.018	-1.168E-04	-0.0112
31D	0.45	DIS50	Combination	-18.226	0.02	-0.02	-1.168E-04	-0.0027
31D	0.9	DIS50	Combination	-18.226	0.672	-0.021	-1.168E-04	0.0064
31D	0.	DIS51	Combination	-22.054	-0.77	5.191E-04	1.415E-05	5.963E-04
31D	0.45	DIS51	Combination	-22.054	0.03	5.191E-04	1.415E-05	3.628E-04
31D	0.9	DIS51	Combination	-22.054	0.83	5.191E-04	1.415E-05	1.292E-04
31D	0.	DIS52	Combination	-22.054	-0.77	5.191E-04	1.415E-05	5.963E-04
31D	0.45	DIS52	Combination	-22.054	0.03	5.191E-04	1.415E-05	3.628E-04
31D	0.9	DIS52	Combination	-22.054	0.83	5.191E-04	1.415E-05	1.292E-04
31D	0.	DIS53	Combination	-26.261	-0.919	6.171E-04	1.696E-05	7.103E-04
31D	0.45	DIS53	Combination	-26.261	0.036	6.171E-04	1.696E-05	4.326E-04
31D	0.9	DIS53	Combination	-26.261	0.991	6.171E-04	1.696E-05	1.549E-04
31D	0.	DIS54	Combination	-13.64	-0.471	3.230E-04	8.527E-06	3.684E-04
31D	0.45	DIS54	Combination	-13.641	0.019	3.230E-04	8.527E-06	2.231E-04
31D	0.9	DIS54	Combination	-13.642	0.508	3.230E-04	8.527E-06	7.770E-05
31D	0.	DIS55	Combination	-13.642	-0.471	3.230E-04	8.527E-06	3.684E-04
31D	0.45	DIS55	Combination	-13.641	0.019	3.230E-04	8.527E-06	2.230E-04
31D	0.9	DIS55	Combination	-13.64	0.508	3.230E-04	8.527E-06	7.768E-05
31D	0.	DIS56	Combination	-13.613	-0.467	0.014	1.047E-04	0.0092
31D	0.45	DIS56	Combination	-13.613	0.022	0.015	1.047E-04	0.0025
31D	0.9	DIS56	Combination	-13.613	0.511	0.016	1.047E-04	-0.0047
31D	0.	DIS57	Combination	-13.669	-0.474	-0.014	-8.760E-05	-0.0084
31D	0.45	DIS57	Combination	-13.669	0.015	-0.015	-8.760E-05	-0.002
31D	0.9	DIS57	Combination	-13.669	0.504	-0.016	-8.760E-05	0.0048
31F	0.	DEAD	LinStatic	-5.696	-0.606	-3.718E-03	6.717E-05	9.769E-04
31F	0.45	DEAD	LinStatic	-5.696	-0.062	-3.718E-03	6.717E-05	0.0026
31F	0.9	DEAD	LinStatic	-5.696	0.482	-3.718E-03	6.717E-05	0.0043
31F	0.	L	LinStatic	0.	0.	0.	0.	0.
31F	0.45	L	LinStatic	0.	0.	0.	0.	0.
31F	0.9	L	LinStatic	0.	0.	0.	0.	0.
31F	0.	Lr	LinStatic	-5.607	-0.614	-3.745E-03	6.794E-05	9.996E-04
31F	0.45	Lr	LinStatic	-5.607	-0.063	-3.745E-03	6.794E-05	0.0027
31F	0.9	Lr	LinStatic	-5.607	0.488	-3.745E-03	6.794E-05	0.0044
31F	0.	G	LinStatic	0.	0.	0.	0.	0.
31F	0.45	G	LinStatic	0.	0.	0.	0.	0.
31F	0.9	G	LinStatic	0.	0.	0.	0.	0.
31F	0.	Le	LinStatic	0.	0.	0.	0.	0.
31F	0.45	Le	LinStatic	0.	0.	0.	0.	0.
31F	0.9	Le	LinStatic	0.	0.	0.	0.	0.
31F	0.	Wx	LinStatic	-3.159	-0.346	-2.109E-03	3.827E-05	5.630E-04
31F	0.45	Wx	LinStatic	-3.159	-0.036	-2.109E-03	3.827E-05	0.0015
31F	0.9	Wx	LinStatic	-3.159	0.275	-2.109E-03	3.827E-05	0.0025
31F	0.	Wy	LinStatic	-3.159	-0.346	-2.109E-03	3.827E-05	5.630E-04
31F	0.45	Wy	LinStatic	-3.159	-0.036	-2.109E-03	3.827E-05	0.0015
31F	0.9	Wy	LinStatic	-3.159	0.275	-2.109E-03	3.827E-05	0.0025
31F	0.	CFx D	LinStatic	1.093E-03	9.390E-07	1.865E-08	4.493E-10	-1.046E-08
31F	0.45	CFx D	LinStatic	6.326E-06	9.390E-07	1.865E-08	4.493E-10	-1.886E-08
31F	0.9	CFx D	LinStatic	-1.081E-03	9.390E-07	1.865E-08	4.493E-10	-2.725E-08

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31F	0.	CFy D	LinStatic	0.035	3.906E-03	7.813E-03	-6.104E-05	0.0117
31F	0.45	CFy D	LinStatic	0.035	3.906E-03	8.900E-03	-6.104E-05	0.008
31F	0.9	CFy D	LinStatic	0.035	3.906E-03	9.987E-03	-6.104E-05	0.0037
31F	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
31F	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
31F	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
31F	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
31F	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
31F	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
31F	0.	CFx Lr	LinStatic	1.105E-03	1.909E-06	5.500E-08	-5.281E-10	-2.580E-09
31F	0.45	CFx Lr	LinStatic	2.260E-06	1.909E-06	5.500E-08	-5.281E-10	-2.733E-08
31F	0.9	CFx Lr	LinStatic	-1.100E-03	1.909E-06	5.500E-08	-5.281E-10	-5.208E-08
31F	0.	CFy Lr	LinStatic	0.036	3.906E-03	7.813E-03	-5.341E-05	0.0098
31F	0.45	CFy Lr	LinStatic	0.036	3.906E-03	8.915E-03	-5.341E-05	0.006
31F	0.9	CFy Lr	LinStatic	0.036	3.906E-03	0.01	-5.341E-05	0.0017
31F	0.	DIS01	Combination	-7.973	-0.848	-5.205E-03	9.404E-05	0.0014
31F	0.45	DIS01	Combination	-7.974	-0.087	-5.205E-03	9.404E-05	0.0037
31F	0.9	DIS01	Combination	-7.976	0.674	-5.205E-03	9.404E-05	0.0061
31F	0.	DIS02	Combination	-7.976	-0.848	-5.205E-03	9.403E-05	0.0014
31F	0.45	DIS02	Combination	-7.974	-0.087	-5.205E-03	9.403E-05	0.0037
31F	0.9	DIS02	Combination	-7.973	0.674	-5.205E-03	9.403E-05	0.0061
31F	0.	DIS03	Combination	-7.925	-0.842	5.733E-03	8.586E-06	0.0178
31F	0.45	DIS03	Combination	-7.925	-0.081	7.254E-03	8.586E-06	0.0149
31F	0.9	DIS03	Combination	-7.925	0.68	8.776E-03	8.586E-06	0.0112
31F	0.	DIS04	Combination	-8.024	-0.853	-0.016	1.795E-04	-0.015
31F	0.45	DIS04	Combination	-8.024	-0.092	-0.018	1.795E-04	-0.0074
31F	0.9	DIS04	Combination	-8.024	0.669	-0.019	1.795E-04	8.593E-04
31F	0.	DIS05	Combination	-9.637	-1.034	-6.334E-03	1.146E-04	0.0017
31F	0.45	DIS05	Combination	-9.639	-0.106	-6.334E-03	1.146E-04	0.0045
31F	0.9	DIS05	Combination	-9.641	0.822	-6.334E-03	1.146E-04	0.0074
31F	0.	DIS06	Combination	-9.641	-1.034	-6.334E-03	1.146E-04	0.0017
31F	0.45	DIS06	Combination	-9.639	-0.106	-6.334E-03	1.146E-04	0.0045
31F	0.9	DIS06	Combination	-9.637	0.822	-6.334E-03	1.146E-04	0.0074
31F	0.	DIS07	Combination	-9.578	-1.027	6.948E-03	1.462E-05	0.0206
31F	0.45	DIS07	Combination	-9.578	-0.099	8.803E-03	1.462E-05	0.0171
31F	0.9	DIS07	Combination	-9.578	0.829	0.011	1.462E-05	0.0127
31F	0.	DIS08	Combination	-9.7	-1.04	-0.02	2.145E-04	-0.0173
31F	0.45	DIS08	Combination	-9.7	-0.113	-0.021	2.145E-04	-0.008
31F	0.9	DIS08	Combination	-9.7	0.815	-0.023	2.145E-04	0.0021
31F	0.	DIS09	Combination	-6.834	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS09	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS09	Combination	-6.836	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS10	Combination	-6.836	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS10	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS10	Combination	-6.834	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS11	Combination	-6.792	-0.722	4.914E-03	7.359E-06	0.0152
31F	0.45	DIS11	Combination	-6.792	-0.07	6.218E-03	7.359E-06	0.0127
31F	0.9	DIS11	Combination	-6.792	0.583	7.523E-03	7.359E-06	0.0096
31F	0.	DIS12	Combination	-6.878	-0.731	-0.014	1.538E-04	-0.0129
31F	0.45	DIS12	Combination	-6.878	-0.079	-0.015	1.538E-04	-0.0064
31F	0.9	DIS12	Combination	-6.878	0.573	-0.016	1.538E-04	7.366E-04
31F	0.	DIS13	Combination	-6.834	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS13	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS13	Combination	-6.836	0.578	-4.461E-03	8.060E-05	0.0052

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31F	0.	DIS14	Combination	-6.836	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS14	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS14	Combination	-6.834	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS15	Combination	-6.792	-0.722	4.914E-03	7.359E-06	0.0152
31F	0.45	DIS15	Combination	-6.792	-0.07	6.218E-03	7.359E-06	0.0127
31F	0.9	DIS15	Combination	-6.792	0.583	7.523E-03	7.359E-06	0.0096
31F	0.	DIS16	Combination	-6.878	-0.731	-0.014	1.538E-04	-0.0129
31F	0.45	DIS16	Combination	-6.878	-0.079	-0.015	1.538E-04	-0.0064
31F	0.9	DIS16	Combination	-6.878	0.573	-0.016	1.538E-04	7.366E-04
31F	0.	DIS17	Combination	-15.804	-1.71	-0.01	1.893E-04	0.0028
31F	0.45	DIS17	Combination	-15.807	-0.175	-0.01	1.893E-04	0.0075
31F	0.9	DIS17	Combination	-15.81	1.359	-0.01	1.893E-04	0.0122
31F	0.	DIS18	Combination	-15.81	-1.71	-0.01	1.893E-04	0.0028
31F	0.45	DIS18	Combination	-15.807	-0.175	-0.01	1.893E-04	0.0075
31F	0.9	DIS18	Combination	-15.804	1.359	-0.01	1.893E-04	0.0122
31F	0.	DIS19	Combination	-15.706	-1.699	0.011	3.061E-05	0.0325
31F	0.45	DIS19	Combination	-15.706	-0.164	0.014	3.061E-05	0.0266
31F	0.9	DIS19	Combination	-15.706	1.37	0.018	3.061E-05	0.0194
31F	0.	DIS20	Combination	-15.908	-1.72	-0.032	3.480E-04	-0.0269
31F	0.45	DIS20	Combination	-15.908	-0.186	-0.035	3.480E-04	-0.0117
31F	0.9	DIS20	Combination	-15.908	1.348	-0.038	3.480E-04	0.0049
31F	0.	DIS21	Combination	-6.834	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS21	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS21	Combination	-6.836	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS22	Combination	-6.836	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS22	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS22	Combination	-6.834	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS23	Combination	-6.792	-0.722	4.914E-03	7.359E-06	0.0152
31F	0.45	DIS23	Combination	-6.792	-0.07	6.218E-03	7.359E-06	0.0127
31F	0.9	DIS23	Combination	-6.792	0.583	7.523E-03	7.359E-06	0.0096
31F	0.	DIS24	Combination	-6.878	-0.731	-0.014	1.538E-04	-0.0129
31F	0.45	DIS24	Combination	-6.878	-0.079	-0.015	1.538E-04	-0.0064
31F	0.9	DIS24	Combination	-6.878	0.573	-0.016	1.538E-04	7.366E-04
31F	0.	DIS25	Combination	-6.834	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS25	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS25	Combination	-6.836	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS26	Combination	-6.836	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS26	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS26	Combination	-6.834	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS27	Combination	-6.792	-0.722	4.914E-03	7.359E-06	0.0152
31F	0.45	DIS27	Combination	-6.792	-0.07	6.218E-03	7.359E-06	0.0127
31F	0.9	DIS27	Combination	-6.792	0.583	7.523E-03	7.359E-06	0.0096
31F	0.	DIS28	Combination	-6.878	-0.731	-0.014	1.538E-04	-0.0129
31F	0.45	DIS28	Combination	-6.878	-0.079	-0.015	1.538E-04	-0.0064
31F	0.9	DIS28	Combination	-6.878	0.573	-0.016	1.538E-04	7.366E-04
31F	0.	DIS29	Combination	-17.386	-1.883	-0.012	2.084E-04	0.0031
31F	0.45	DIS29	Combination	-17.386	-0.193	-0.012	2.084E-04	0.0082
31F	0.9	DIS29	Combination	-17.386	1.496	-0.012	2.084E-04	0.0134
31F	0.	DIS30	Combination	-17.386	-1.883	-0.012	2.084E-04	0.0031
31F	0.45	DIS30	Combination	-17.386	-0.193	-0.012	2.084E-04	0.0082
31F	0.9	DIS30	Combination	-17.386	1.496	-0.012	2.084E-04	0.0134
31F	0.	DIS31	Combination	-18.207	-1.972	-0.012	2.184E-04	0.0032
31F	0.45	DIS31	Combination	-18.207	-0.202	-0.012	2.184E-04	0.0086
31F	0.9	DIS31	Combination	-18.207	1.568	-0.012	2.184E-04	0.014

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31F	0.	DIS32	Combination	-8.414	-0.9	-5.516E-03	9.973E-05	0.0015
31F	0.45	DIS32	Combination	-8.414	-0.092	-5.516E-03	9.973E-05	0.0039
31F	0.9	DIS32	Combination	-8.414	0.715	-5.516E-03	9.973E-05	0.0064
31F	0.	DIS33	Combination	-8.414	-0.9	-5.516E-03	9.973E-05	0.0015
31F	0.45	DIS33	Combination	-8.414	-0.092	-5.516E-03	9.973E-05	0.0039
31F	0.9	DIS33	Combination	-8.414	0.715	-5.516E-03	9.973E-05	0.0064
31F	0.	DIS34	Combination	-9.236	-0.99	-6.064E-03	1.097E-04	0.0016
31F	0.45	DIS34	Combination	-9.236	-0.101	-6.064E-03	1.097E-04	0.0043
31F	0.9	DIS34	Combination	-9.236	0.787	-6.064E-03	1.097E-04	0.0071
31F	0.	DIS35	Combination	-8.414	-0.9	-5.516E-03	9.973E-05	0.0015
31F	0.45	DIS35	Combination	-8.414	-0.092	-5.516E-03	9.973E-05	0.0039
31F	0.9	DIS35	Combination	-8.414	0.715	-5.516E-03	9.973E-05	0.0064
31F	0.	DIS36	Combination	-8.414	-0.9	-5.516E-03	9.973E-05	0.0015
31F	0.45	DIS36	Combination	-8.414	-0.092	-5.516E-03	9.973E-05	0.0039
31F	0.9	DIS36	Combination	-8.414	0.715	-5.516E-03	9.973E-05	0.0064
31F	0.	DIS37	Combination	-9.236	-0.99	-6.064E-03	1.097E-04	0.0016
31F	0.45	DIS37	Combination	-9.236	-0.101	-6.064E-03	1.097E-04	0.0043
31F	0.9	DIS37	Combination	-9.236	0.787	-6.064E-03	1.097E-04	0.0071
31F	0.	DIS38	Combination	-12.797	-1.38	-8.443E-03	1.528E-04	0.0022
31F	0.45	DIS38	Combination	-12.797	-0.141	-8.443E-03	1.528E-04	0.006
31F	0.9	DIS38	Combination	-12.797	1.097	-8.443E-03	1.528E-04	0.0098
31F	0.	DIS39	Combination	-12.797	-1.38	-8.443E-03	1.528E-04	0.0022
31F	0.45	DIS39	Combination	-12.797	-0.141	-8.443E-03	1.528E-04	0.006
31F	0.9	DIS39	Combination	-12.797	1.097	-8.443E-03	1.528E-04	0.0098
31F	0.	DIS40	Combination	-14.377	-1.553	-9.497E-03	1.720E-04	0.0025
31F	0.45	DIS40	Combination	-14.377	-0.159	-9.497E-03	1.720E-04	0.0068
31F	0.9	DIS40	Combination	-14.377	1.234	-9.497E-03	1.720E-04	0.0111
31F	0.	DIS41	Combination	-9.994	-1.073	-6.571E-03	1.189E-04	0.0017
31F	0.45	DIS41	Combination	-9.994	-0.11	-6.571E-03	1.189E-04	0.0047
31F	0.9	DIS41	Combination	-9.994	0.853	-6.571E-03	1.189E-04	0.0076
31F	0.	DIS42	Combination	-9.994	-1.073	-6.571E-03	1.189E-04	0.0017
31F	0.45	DIS42	Combination	-9.994	-0.11	-6.571E-03	1.189E-04	0.0047
31F	0.9	DIS42	Combination	-9.994	0.853	-6.571E-03	1.189E-04	0.0076
31F	0.	DIS43	Combination	-11.573	-1.246	-7.625E-03	1.380E-04	0.002
31F	0.45	DIS43	Combination	-11.573	-0.128	-7.625E-03	1.380E-04	0.0054
31F	0.9	DIS43	Combination	-11.573	0.99	-7.625E-03	1.380E-04	0.0089
31F	0.	DIS44	Combination	-9.994	-1.073	-6.571E-03	1.189E-04	0.0017
31F	0.45	DIS44	Combination	-9.994	-0.11	-6.571E-03	1.189E-04	0.0047
31F	0.9	DIS44	Combination	-9.994	0.853	-6.571E-03	1.189E-04	0.0076
31F	0.	DIS45	Combination	-9.994	-1.073	-6.571E-03	1.189E-04	0.0017
31F	0.45	DIS45	Combination	-9.994	-0.11	-6.571E-03	1.189E-04	0.0047
31F	0.9	DIS45	Combination	-9.994	0.853	-6.571E-03	1.189E-04	0.0076
31F	0.	DIS46	Combination	-11.573	-1.246	-7.625E-03	1.380E-04	0.002
31F	0.45	DIS46	Combination	-11.573	-0.128	-7.625E-03	1.380E-04	0.0054
31F	0.9	DIS46	Combination	-11.573	0.99	-7.625E-03	1.380E-04	0.0089
31F	0.	DIS47	Combination	-6.834	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS47	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS47	Combination	-6.836	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS48	Combination	-6.836	-0.727	-4.461E-03	8.060E-05	0.0012
31F	0.45	DIS48	Combination	-6.835	-0.074	-4.461E-03	8.060E-05	0.0032
31F	0.9	DIS48	Combination	-6.834	0.578	-4.461E-03	8.060E-05	0.0052
31F	0.	DIS49	Combination	-6.792	-0.722	4.914E-03	7.359E-06	0.0152
31F	0.45	DIS49	Combination	-6.792	-0.07	6.218E-03	7.359E-06	0.0127
31F	0.9	DIS49	Combination	-6.792	0.583	7.523E-03	7.359E-06	0.0096

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31F	0.	DIS50	Combination	-6.878	-0.731	-0.014	1.538E-04	-0.0129
31F	0.45	DIS50	Combination	-6.878	-0.079	-0.015	1.538E-04	-0.0064
31F	0.9	DIS50	Combination	-6.878	0.573	-0.016	1.538E-04	7.366E-04
31F	0.	DIS51	Combination	-8.285	-0.891	-5.455E-03	9.872E-05	0.0014
31F	0.45	DIS51	Combination	-8.285	-0.091	-5.455E-03	9.872E-05	0.0039
31F	0.9	DIS51	Combination	-8.285	0.708	-5.455E-03	9.872E-05	0.0064
31F	0.	DIS52	Combination	-8.285	-0.891	-5.455E-03	9.872E-05	0.0014
31F	0.45	DIS52	Combination	-8.285	-0.091	-5.455E-03	9.872E-05	0.0039
31F	0.9	DIS52	Combination	-8.285	0.708	-5.455E-03	9.872E-05	0.0064
31F	0.	DIS53	Combination	-9.864	-1.064	-6.510E-03	1.178E-04	0.0017
31F	0.45	DIS53	Combination	-9.864	-0.109	-6.510E-03	1.178E-04	0.0047
31F	0.9	DIS53	Combination	-9.864	0.846	-6.510E-03	1.178E-04	0.0076
31F	0.	DIS54	Combination	-5.125	-0.545	-3.346E-03	6.045E-05	8.792E-04
31F	0.45	DIS54	Combination	-5.126	-0.056	-3.346E-03	6.045E-05	0.0024
31F	0.9	DIS54	Combination	-5.127	0.433	-3.346E-03	6.045E-05	0.0039
31F	0.	DIS55	Combination	-5.127	-0.545	-3.346E-03	6.045E-05	8.792E-04
31F	0.45	DIS55	Combination	-5.126	-0.056	-3.346E-03	6.045E-05	0.0024
31F	0.9	DIS55	Combination	-5.125	0.433	-3.346E-03	6.045E-05	0.0039
31F	0.	DIS56	Combination	-5.094	-0.541	3.685E-03	5.519E-06	0.0114
31F	0.45	DIS56	Combination	-5.094	-0.052	4.664E-03	5.519E-06	0.0095
31F	0.9	DIS56	Combination	-5.094	0.437	5.642E-03	5.519E-06	0.0072
31F	0.	DIS57	Combination	-5.158	-0.549	-0.01	1.154E-04	-0.0097
31F	0.45	DIS57	Combination	-5.158	-0.059	-0.011	1.154E-04	-0.0048
31F	0.9	DIS57	Combination	-5.158	0.43	-0.012	1.154E-04	5.524E-04
320	0.	DEAD	LinStatic	4.79	8.965E-04	-2.455E-03	2.074E-04	-6.291E-04
320	0.27609	DEAD	LinStatic	4.792	3.957E-03	-2.455E-03	2.074E-04	4.874E-05
320	0.55218	DEAD	LinStatic	4.794	7.017E-03	-2.455E-03	2.074E-04	7.265E-04
320	0.	L	LinStatic	0.	0.	0.	0.	0.
320	0.27609	L	LinStatic	0.	0.	0.	0.	0.
320	0.55218	L	LinStatic	0.	0.	0.	0.	0.
320	0.	Lr	LinStatic	4.703	3.992E-03	-2.485E-03	2.053E-04	-6.229E-04
320	0.27609	Lr	LinStatic	4.703	3.992E-03	-2.485E-03	2.053E-04	6.325E-05
320	0.55218	Lr	LinStatic	4.703	3.992E-03	-2.485E-03	2.053E-04	7.494E-04
320	0.	G	LinStatic	0.	0.	0.	0.	0.
320	0.27609	G	LinStatic	0.	0.	0.	0.	0.
320	0.55218	G	LinStatic	0.	0.	0.	0.	0.
320	0.	Le	LinStatic	0.	0.	0.	0.	0.
320	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
320	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
320	0.	Wx	LinStatic	2.649	2.249E-03	-1.400E-03	1.156E-04	-3.508E-04
320	0.27609	Wx	LinStatic	2.649	2.249E-03	-1.400E-03	1.156E-04	3.562E-05
320	0.55218	Wx	LinStatic	2.649	2.249E-03	-1.400E-03	1.156E-04	4.221E-04
320	0.	Wy	LinStatic	2.649	2.249E-03	-1.400E-03	1.156E-04	-3.508E-04
320	0.27609	Wy	LinStatic	2.649	2.249E-03	-1.400E-03	1.156E-04	3.562E-05
320	0.55218	Wy	LinStatic	2.649	2.249E-03	-1.400E-03	1.156E-04	4.221E-04
320	0.	CFx D	LinStatic	1.349E-03	-5.575E-06	-3.574E-08	3.212E-08	-5.817E-08
320	0.27609	CFx D	LinStatic	1.343E-03	-1.222E-06	-3.574E-08	3.212E-08	-4.831E-08
320	0.55218	CFx D	LinStatic	1.337E-03	3.130E-06	-3.574E-08	3.212E-08	-3.844E-08
320	0.	CFy D	LinStatic	-7.507E-03	-1.008E-03	0.	-3.052E-04	4.883E-04
320	0.27609	CFy D	LinStatic	-7.507E-03	-1.008E-03	7.511E-06	-3.052E-04	4.872E-04
320	0.55218	CFy D	LinStatic	-7.507E-03	-1.008E-03	1.502E-05	-3.052E-04	4.841E-04
320	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
320	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
320	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
320	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
320	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
320	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
320	0.	CFx Lr	LinStatic	1.352E-03	-1.229E-06	-3.144E-08	2.180E-08	-5.233E-08
320	0.27609	CFx Lr	LinStatic	1.352E-03	-1.229E-06	-3.144E-08	2.180E-08	-4.364E-08
320	0.55218	CFx Lr	LinStatic	1.352E-03	-1.229E-06	-3.144E-08	2.180E-08	-3.496E-08
320	0.	CFy Lr	LinStatic	-6.311E-03	-9.509E-04	9.766E-04	-3.052E-04	9.766E-04
320	0.27609	CFy Lr	LinStatic	-6.311E-03	-9.509E-04	9.766E-04	-3.052E-04	7.069E-04
320	0.55218	CFy Lr	LinStatic	-6.311E-03	-9.509E-04	9.766E-04	-3.052E-04	4.373E-04
320	0.	DIS01	Combination	6.708	1.247E-03	-3.437E-03	2.905E-04	-8.808E-04
320	0.27609	DIS01	Combination	6.711	5.538E-03	-3.437E-03	2.905E-04	6.816E-05
320	0.55218	DIS01	Combination	6.714	9.829E-03	-3.437E-03	2.905E-04	0.001
320	0.	DIS02	Combination	6.704	1.263E-03	-3.437E-03	2.904E-04	-8.806E-04
320	0.27609	DIS02	Combination	6.707	5.542E-03	-3.437E-03	2.904E-04	6.830E-05
320	0.55218	DIS02	Combination	6.71	9.820E-03	-3.437E-03	2.904E-04	0.001
320	0.	DIS03	Combination	6.696	-1.563E-04	-3.437E-03	-1.368E-04	-1.971E-04
320	0.27609	DIS03	Combination	6.699	4.128E-03	-3.426E-03	-1.368E-04	7.504E-04
320	0.55218	DIS03	Combination	6.702	8.413E-03	-3.416E-03	-1.368E-04	0.0017
320	0.	DIS04	Combination	6.717	2.666E-03	-3.437E-03	7.177E-04	-0.0016
320	0.27609	DIS04	Combination	6.72	6.951E-03	-3.447E-03	7.177E-04	-6.139E-04
320	0.55218	DIS04	Combination	6.723	0.011	-3.458E-03	7.177E-04	3.394E-04
320	0.	DIS05	Combination	8.102	3.064E-03	-4.189E-03	3.516E-04	-0.0011
320	0.27609	DIS05	Combination	8.105	6.742E-03	-4.189E-03	3.516E-04	9.003E-05
320	0.55218	DIS05	Combination	8.107	0.01	-4.189E-03	3.516E-04	0.0012
320	0.	DIS06	Combination	8.097	3.079E-03	-4.188E-03	3.515E-04	-0.0011
320	0.27609	DIS06	Combination	8.1	6.746E-03	-4.188E-03	3.515E-04	9.019E-05
320	0.55218	DIS06	Combination	8.103	0.01	-4.188E-03	3.515E-04	0.0012
320	0.	DIS07	Combination	8.088	1.387E-03	-3.700E-03	-1.672E-04	7.924E-06
320	0.27609	DIS07	Combination	8.09	5.059E-03	-3.691E-03	-1.672E-04	0.001
320	0.55218	DIS07	Combination	8.093	8.732E-03	-3.682E-03	-1.672E-04	0.002
320	0.	DIS08	Combination	8.112	4.757E-03	-4.677E-03	8.704E-04	-0.0021
320	0.27609	DIS08	Combination	8.115	8.430E-03	-4.686E-03	8.704E-04	-8.481E-04
320	0.55218	DIS08	Combination	8.117	0.012	-4.695E-03	8.704E-04	4.469E-04
320	0.	DIS09	Combination	5.75	1.069E-03	-2.946E-03	2.490E-04	-7.549E-04
320	0.27609	DIS09	Combination	5.752	4.747E-03	-2.946E-03	2.490E-04	5.843E-05
320	0.55218	DIS09	Combination	5.755	8.425E-03	-2.946E-03	2.490E-04	8.718E-04
320	0.	DIS10	Combination	5.746	1.082E-03	-2.946E-03	2.489E-04	-7.548E-04
320	0.27609	DIS10	Combination	5.749	4.750E-03	-2.946E-03	2.489E-04	5.854E-05
320	0.55218	DIS10	Combination	5.752	8.417E-03	-2.946E-03	2.489E-04	8.719E-04
320	0.	DIS11	Combination	5.739	-1.339E-04	-2.946E-03	-1.173E-04	-1.689E-04
320	0.27609	DIS11	Combination	5.742	3.539E-03	-2.937E-03	-1.173E-04	6.432E-04
320	0.55218	DIS11	Combination	5.744	7.211E-03	-2.928E-03	-1.173E-04	0.0015
320	0.	DIS12	Combination	5.757	2.286E-03	-2.946E-03	6.151E-04	-0.0013
320	0.27609	DIS12	Combination	5.76	5.958E-03	-2.955E-03	6.151E-04	-5.262E-04
320	0.55218	DIS12	Combination	5.762	9.631E-03	-2.964E-03	6.151E-04	2.909E-04
320	0.	DIS13	Combination	5.75	1.069E-03	-2.946E-03	2.490E-04	-7.549E-04
320	0.27609	DIS13	Combination	5.752	4.747E-03	-2.946E-03	2.490E-04	5.843E-05
320	0.55218	DIS13	Combination	5.755	8.425E-03	-2.946E-03	2.490E-04	8.718E-04
320	0.	DIS14	Combination	5.746	1.082E-03	-2.946E-03	2.489E-04	-7.548E-04
320	0.27609	DIS14	Combination	5.749	4.750E-03	-2.946E-03	2.489E-04	5.854E-05
320	0.55218	DIS14	Combination	5.752	8.417E-03	-2.946E-03	2.489E-04	8.719E-04
320	0.	DIS15	Combination	5.739	-1.339E-04	-2.946E-03	-1.173E-04	-1.689E-04
320	0.27609	DIS15	Combination	5.742	3.539E-03	-2.937E-03	-1.173E-04	6.432E-04
320	0.55218	DIS15	Combination	5.744	7.211E-03	-2.928E-03	-1.173E-04	0.0015

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
320	0.	DIS16	Combination	5.757	2.286E-03	-2.946E-03	6.151E-04	-0.0013
320	0.27609	DIS16	Combination	5.76	5.958E-03	-2.955E-03	6.151E-04	-5.262E-04
320	0.55218	DIS16	Combination	5.762	9.631E-03	-2.964E-03	6.151E-04	2.909E-04
320	0.	DIS17	Combination	13.277	7.454E-03	-6.922E-03	5.775E-04	-0.0018
320	0.27609	DIS17	Combination	13.28	0.011	-6.922E-03	5.775E-04	1.596E-04
320	0.55218	DIS17	Combination	13.282	0.015	-6.922E-03	5.775E-04	0.0021
320	0.	DIS18	Combination	13.27	7.472E-03	-6.922E-03	5.774E-04	-0.0018
320	0.27609	DIS18	Combination	13.272	0.011	-6.922E-03	5.774E-04	1.598E-04
320	0.55218	DIS18	Combination	13.275	0.015	-6.922E-03	5.774E-04	0.0021
320	0.	DIS19	Combination	13.254	4.732E-03	-5.360E-03	-2.771E-04	3.970E-04
320	0.27609	DIS19	Combination	13.257	8.404E-03	-5.351E-03	-2.771E-04	0.0019
320	0.55218	DIS19	Combination	13.26	0.012	-5.342E-03	-2.771E-04	0.0034
320	0.	DIS20	Combination	13.293	0.01	-8.485E-03	0.0014	-0.0039
320	0.27609	DIS20	Combination	13.295	0.014	-8.494E-03	0.0014	-0.0016
320	0.55218	DIS20	Combination	13.298	0.018	-8.503E-03	0.0014	7.901E-04
320	0.	DIS21	Combination	5.75	1.069E-03	-2.946E-03	2.490E-04	-7.549E-04
320	0.27609	DIS21	Combination	5.752	4.747E-03	-2.946E-03	2.490E-04	5.843E-05
320	0.55218	DIS21	Combination	5.755	8.425E-03	-2.946E-03	2.490E-04	8.718E-04
320	0.	DIS22	Combination	5.746	1.082E-03	-2.946E-03	2.489E-04	-7.548E-04
320	0.27609	DIS22	Combination	5.749	4.750E-03	-2.946E-03	2.489E-04	5.854E-05
320	0.55218	DIS22	Combination	5.752	8.417E-03	-2.946E-03	2.489E-04	8.719E-04
320	0.	DIS23	Combination	5.739	-1.339E-04	-2.946E-03	-1.173E-04	-1.689E-04
320	0.27609	DIS23	Combination	5.742	3.539E-03	-2.937E-03	-1.173E-04	6.432E-04
320	0.55218	DIS23	Combination	5.744	7.211E-03	-2.928E-03	-1.173E-04	0.0015
320	0.	DIS24	Combination	5.757	2.286E-03	-2.946E-03	6.151E-04	-0.0013
320	0.27609	DIS24	Combination	5.76	5.958E-03	-2.955E-03	6.151E-04	-5.262E-04
320	0.55218	DIS24	Combination	5.762	9.631E-03	-2.964E-03	6.151E-04	2.909E-04
320	0.	DIS25	Combination	5.75	1.069E-03	-2.946E-03	2.490E-04	-7.549E-04
320	0.27609	DIS25	Combination	5.752	4.747E-03	-2.946E-03	2.490E-04	5.843E-05
320	0.55218	DIS25	Combination	5.755	8.425E-03	-2.946E-03	2.490E-04	8.718E-04
320	0.	DIS26	Combination	5.746	1.082E-03	-2.946E-03	2.489E-04	-7.548E-04
320	0.27609	DIS26	Combination	5.749	4.750E-03	-2.946E-03	2.489E-04	5.854E-05
320	0.55218	DIS26	Combination	5.752	8.417E-03	-2.946E-03	2.489E-04	8.719E-04
320	0.	DIS27	Combination	5.739	-1.339E-04	-2.946E-03	-1.173E-04	-1.689E-04
320	0.27609	DIS27	Combination	5.742	3.539E-03	-2.937E-03	-1.173E-04	6.432E-04
320	0.55218	DIS27	Combination	5.744	7.211E-03	-2.928E-03	-1.173E-04	0.0015
320	0.	DIS28	Combination	5.757	2.286E-03	-2.946E-03	6.151E-04	-0.0013
320	0.27609	DIS28	Combination	5.76	5.958E-03	-2.955E-03	6.151E-04	-5.262E-04
320	0.55218	DIS28	Combination	5.762	9.631E-03	-2.964E-03	6.151E-04	2.909E-04
320	0.	DIS29	Combination	14.598	8.587E-03	-7.622E-03	6.352E-04	-0.0019
320	0.27609	DIS29	Combination	14.601	0.012	-7.622E-03	6.352E-04	1.775E-04
320	0.55218	DIS29	Combination	14.603	0.016	-7.622E-03	6.352E-04	0.0023
320	0.	DIS30	Combination	14.598	8.587E-03	-7.622E-03	6.352E-04	-0.0019
320	0.27609	DIS30	Combination	14.601	0.012	-7.622E-03	6.352E-04	1.775E-04
320	0.55218	DIS30	Combination	14.603	0.016	-7.622E-03	6.352E-04	0.0023
320	0.	DIS31	Combination	15.287	9.172E-03	-7.986E-03	6.653E-04	-0.002
320	0.27609	DIS31	Combination	15.29	0.013	-7.986E-03	6.653E-04	1.868E-04
320	0.55218	DIS31	Combination	15.292	0.017	-7.986E-03	6.653E-04	0.0024
320	0.	DIS32	Combination	7.073	2.200E-03	-3.646E-03	3.068E-04	-9.303E-04
320	0.27609	DIS32	Combination	7.075	5.873E-03	-3.646E-03	3.068E-04	7.630E-05
320	0.55218	DIS32	Combination	7.078	9.545E-03	-3.646E-03	3.068E-04	0.0011
320	0.	DIS33	Combination	7.073	2.200E-03	-3.646E-03	3.068E-04	-9.303E-04
320	0.27609	DIS33	Combination	7.075	5.873E-03	-3.646E-03	3.068E-04	7.630E-05
320	0.55218	DIS33	Combination	7.078	9.545E-03	-3.646E-03	3.068E-04	0.0011

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
320	0.	DIS34	Combination	7.761	2.785E-03	-4.010E-03	3.368E-04	-0.001
320	0.27609	DIS34	Combination	7.764	6.457E-03	-4.010E-03	3.368E-04	8.556E-05
320	0.55218	DIS34	Combination	7.767	0.01	-4.010E-03	3.368E-04	0.0012
320	0.	DIS35	Combination	7.073	2.200E-03	-3.646E-03	3.068E-04	-9.303E-04
320	0.27609	DIS35	Combination	7.075	5.873E-03	-3.646E-03	3.068E-04	7.630E-05
320	0.55218	DIS35	Combination	7.078	9.545E-03	-3.646E-03	3.068E-04	0.0011
320	0.	DIS36	Combination	7.073	2.200E-03	-3.646E-03	3.068E-04	-9.303E-04
320	0.27609	DIS36	Combination	7.075	5.873E-03	-3.646E-03	3.068E-04	7.630E-05
320	0.55218	DIS36	Combination	7.078	9.545E-03	-3.646E-03	3.068E-04	0.0011
320	0.	DIS37	Combination	7.761	2.785E-03	-4.010E-03	3.368E-04	-0.001
320	0.27609	DIS37	Combination	7.764	6.457E-03	-4.010E-03	3.368E-04	8.556E-05
320	0.55218	DIS37	Combination	7.767	0.01	-4.010E-03	3.368E-04	0.0012
320	0.	DIS38	Combination	10.749	5.320E-03	-5.588E-03	4.672E-04	-0.0014
320	0.27609	DIS38	Combination	10.752	8.993E-03	-5.588E-03	4.672E-04	1.257E-04
320	0.55218	DIS38	Combination	10.754	0.013	-5.588E-03	4.672E-04	0.0017
320	0.	DIS39	Combination	10.749	5.320E-03	-5.588E-03	4.672E-04	-0.0014
320	0.27609	DIS39	Combination	10.752	8.993E-03	-5.588E-03	4.672E-04	1.257E-04
320	0.55218	DIS39	Combination	10.754	0.013	-5.588E-03	4.672E-04	0.0017
320	0.	DIS40	Combination	12.074	6.445E-03	-6.288E-03	5.251E-04	-0.0016
320	0.27609	DIS40	Combination	12.076	0.01	-6.288E-03	5.251E-04	1.435E-04
320	0.55218	DIS40	Combination	12.079	0.014	-6.288E-03	5.251E-04	0.0019
320	0.	DIS41	Combination	8.397	3.324E-03	-4.346E-03	3.646E-04	-0.0011
320	0.27609	DIS41	Combination	8.4	6.997E-03	-4.346E-03	3.646E-04	9.411E-05
320	0.55218	DIS41	Combination	8.403	0.011	-4.346E-03	3.646E-04	0.0013
320	0.	DIS42	Combination	8.397	3.324E-03	-4.346E-03	3.646E-04	-0.0011
320	0.27609	DIS42	Combination	8.4	6.997E-03	-4.346E-03	3.646E-04	9.411E-05
320	0.55218	DIS42	Combination	8.403	0.011	-4.346E-03	3.646E-04	0.0013
320	0.	DIS43	Combination	9.722	4.449E-03	-5.046E-03	4.224E-04	-0.0013
320	0.27609	DIS43	Combination	9.725	8.121E-03	-5.046E-03	4.224E-04	1.119E-04
320	0.55218	DIS43	Combination	9.727	0.012	-5.046E-03	4.224E-04	0.0015
320	0.	DIS44	Combination	8.397	3.324E-03	-4.346E-03	3.646E-04	-0.0011
320	0.27609	DIS44	Combination	8.4	6.997E-03	-4.346E-03	3.646E-04	9.411E-05
320	0.55218	DIS44	Combination	8.403	0.011	-4.346E-03	3.646E-04	0.0013
320	0.	DIS45	Combination	8.397	3.324E-03	-4.346E-03	3.646E-04	-0.0011
320	0.27609	DIS45	Combination	8.4	6.997E-03	-4.346E-03	3.646E-04	9.411E-05
320	0.55218	DIS45	Combination	8.403	0.011	-4.346E-03	3.646E-04	0.0013
320	0.	DIS46	Combination	9.722	4.449E-03	-5.046E-03	4.224E-04	-0.0013
320	0.27609	DIS46	Combination	9.725	8.121E-03	-5.046E-03	4.224E-04	1.119E-04
320	0.55218	DIS46	Combination	9.727	0.012	-5.046E-03	4.224E-04	0.0015
320	0.	DIS47	Combination	5.75	1.069E-03	-2.946E-03	2.490E-04	-7.549E-04
320	0.27609	DIS47	Combination	5.752	4.747E-03	-2.946E-03	2.490E-04	5.843E-05
320	0.55218	DIS47	Combination	5.755	8.425E-03	-2.946E-03	2.490E-04	8.718E-04
320	0.	DIS48	Combination	5.746	1.082E-03	-2.946E-03	2.489E-04	-7.548E-04
320	0.27609	DIS48	Combination	5.749	4.750E-03	-2.946E-03	2.489E-04	5.854E-05
320	0.55218	DIS48	Combination	5.752	8.417E-03	-2.946E-03	2.489E-04	8.719E-04
320	0.	DIS49	Combination	5.739	-1.339E-04	-2.946E-03	-1.173E-04	-1.689E-04
320	0.27609	DIS49	Combination	5.742	3.539E-03	-2.937E-03	-1.173E-04	6.432E-04
320	0.55218	DIS49	Combination	5.744	7.211E-03	-2.928E-03	-1.173E-04	0.0015
320	0.	DIS50	Combination	5.757	2.286E-03	-2.946E-03	6.151E-04	-0.0013
320	0.27609	DIS50	Combination	5.76	5.958E-03	-2.955E-03	6.151E-04	-5.262E-04
320	0.55218	DIS50	Combination	5.762	9.631E-03	-2.964E-03	6.151E-04	2.909E-04
320	0.	DIS51	Combination	6.96	3.055E-03	-3.609E-03	3.023E-04	-9.170E-04
320	0.27609	DIS51	Combination	6.962	5.810E-03	-3.609E-03	3.023E-04	7.949E-05
320	0.55218	DIS51	Combination	6.964	8.564E-03	-3.609E-03	3.023E-04	0.0011

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
320	0.	DIS52	Combination	6.96	3.055E-03	-3.609E-03	3.023E-04	-9.170E-04
320	0.27609	DIS52	Combination	6.962	5.810E-03	-3.609E-03	3.023E-04	7.949E-05
320	0.55218	DIS52	Combination	6.964	8.564E-03	-3.609E-03	3.023E-04	0.0011
320	0.	DIS53	Combination	8.285	4.180E-03	-4.309E-03	3.602E-04	-0.0011
320	0.27609	DIS53	Combination	8.287	6.934E-03	-4.309E-03	3.602E-04	9.730E-05
320	0.55218	DIS53	Combination	8.289	9.689E-03	-4.309E-03	3.602E-04	0.0013
320	0.	DIS54	Combination	4.312	8.018E-04	-2.210E-03	1.867E-04	-5.662E-04
320	0.27609	DIS54	Combination	4.314	3.560E-03	-2.210E-03	1.867E-04	4.382E-05
320	0.55218	DIS54	Combination	4.316	6.319E-03	-2.210E-03	1.867E-04	6.538E-04
320	0.	DIS55	Combination	4.31	8.119E-04	-2.209E-03	1.867E-04	-5.661E-04
320	0.27609	DIS55	Combination	4.312	3.562E-03	-2.209E-03	1.867E-04	4.391E-05
320	0.55218	DIS55	Combination	4.314	6.313E-03	-2.209E-03	1.867E-04	6.539E-04
320	0.	DIS56	Combination	4.304	-1.005E-04	-2.209E-03	-8.796E-05	-1.267E-04
320	0.27609	DIS56	Combination	4.306	2.654E-03	-2.203E-03	-8.796E-05	4.824E-04
320	0.55218	DIS56	Combination	4.308	5.408E-03	-2.196E-03	-8.796E-05	0.0011
320	0.	DIS57	Combination	4.318	1.714E-03	-2.209E-03	4.614E-04	-0.001
320	0.27609	DIS57	Combination	4.32	4.469E-03	-2.216E-03	4.614E-04	-3.947E-04
320	0.55218	DIS57	Combination	4.322	7.223E-03	-2.223E-03	4.614E-04	2.182E-04
321	0.	DEAD	LinStatic	-6.825	-7.412E-03	1.622E-03	1.912E-04	0.0015
321	0.27609	DEAD	LinStatic	-6.823	-4.352E-03	1.622E-03	1.912E-04	0.0011
321	0.55218	DEAD	LinStatic	-6.821	-1.291E-03	1.622E-03	1.912E-04	6.498E-04
321	0.	L	LinStatic	0.	0.	0.	0.	0.
321	0.27609	L	LinStatic	0.	0.	0.	0.	0.
321	0.55218	L	LinStatic	0.	0.	0.	0.	0.
321	0.	Lr	LinStatic	-6.749	-4.617E-03	1.607E-03	2.017E-04	0.0015
321	0.27609	Lr	LinStatic	-6.749	-4.617E-03	1.607E-03	2.017E-04	0.0011
321	0.55218	Lr	LinStatic	-6.749	-4.617E-03	1.607E-03	2.017E-04	6.545E-04
321	0.	G	LinStatic	0.	0.	0.	0.	0.
321	0.27609	G	LinStatic	0.	0.	0.	0.	0.
321	0.55218	G	LinStatic	0.	0.	0.	0.	0.
321	0.	Le	LinStatic	0.	0.	0.	0.	0.
321	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
321	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
321	0.	Wx	LinStatic	-3.802	-2.601E-03	9.054E-04	1.136E-04	8.686E-04
321	0.27609	Wx	LinStatic	-3.802	-2.601E-03	9.054E-04	1.136E-04	6.186E-04
321	0.55218	Wx	LinStatic	-3.802	-2.601E-03	9.054E-04	1.136E-04	3.686E-04
321	0.	Wy	LinStatic	-3.802	-2.601E-03	9.054E-04	1.136E-04	8.686E-04
321	0.27609	Wy	LinStatic	-3.802	-2.601E-03	9.054E-04	1.136E-04	6.186E-04
321	0.55218	Wy	LinStatic	-3.802	-2.601E-03	9.054E-04	1.136E-04	3.686E-04
321	0.	CFx D	LinStatic	-1.346E-03	4.466E-06	-3.061E-08	-1.337E-08	8.114E-09
321	0.27609	CFx D	LinStatic	-1.340E-03	1.129E-07	-3.061E-08	-1.337E-08	1.656E-08
321	0.55218	CFx D	LinStatic	-1.334E-03	-4.240E-06	-3.061E-08	-1.337E-08	2.502E-08
321	0.	CFy D	LinStatic	-0.011	1.319E-03	2.930E-03	5.493E-04	0.
321	0.27609	CFy D	LinStatic	-0.011	1.319E-03	2.922E-03	5.493E-04	-8.078E-04
321	0.55218	CFy D	LinStatic	-0.011	1.319E-03	2.915E-03	5.493E-04	-0.0016
321	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
321	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
321	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
321	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
321	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
321	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
321	0.	CFx Lr	LinStatic	-1.349E-03	1.189E-07	-4.141E-08	-2.399E-08	6.365E-09
321	0.27609	CFx Lr	LinStatic	-1.349E-03	1.189E-07	-4.141E-08	-2.399E-08	1.780E-08
321	0.55218	CFx Lr	LinStatic	-1.349E-03	1.189E-07	-4.141E-08	-2.399E-08	2.923E-08

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
321	0.	CFy Lr	LinStatic	-0.011	1.312E-03	1.953E-03	6.714E-04	0.
321	0.27609	CFy Lr	LinStatic	-0.011	1.312E-03	1.953E-03	6.714E-04	-5.392E-04
321	0.55218	CFy Lr	LinStatic	-0.011	1.312E-03	1.953E-03	6.714E-04	-0.0011
321	0.	DIS01	Combination	-9.557	-0.01	2.270E-03	2.677E-04	0.0022
321	0.27609	DIS01	Combination	-9.554	-6.092E-03	2.270E-03	2.677E-04	0.0015
321	0.55218	DIS01	Combination	-9.551	-1.813E-03	2.270E-03	2.677E-04	9.097E-04
321	0.	DIS02	Combination	-9.553	-0.01	2.271E-03	2.678E-04	0.0022
321	0.27609	DIS02	Combination	-9.55	-6.092E-03	2.271E-03	2.678E-04	0.0015
321	0.55218	DIS02	Combination	-9.547	-1.802E-03	2.271E-03	2.678E-04	9.096E-04
321	0.	DIS03	Combination	-9.57	-8.531E-03	6.372E-03	0.001	0.0022
321	0.27609	DIS03	Combination	-9.567	-4.246E-03	6.362E-03	0.001	4.056E-04
321	0.55218	DIS03	Combination	-9.564	3.875E-05	6.351E-03	0.001	-0.0013
321	0.	DIS04	Combination	-9.54	-0.012	-1.831E-03	-5.013E-04	0.0022
321	0.27609	DIS04	Combination	-9.537	-7.939E-03	-1.821E-03	-5.013E-04	0.0027
321	0.55218	DIS04	Combination	-9.534	-3.654E-03	-1.810E-03	-5.013E-04	0.0032
321	0.	DIS05	Combination	-11.567	-0.011	2.750E-03	3.303E-04	0.0026
321	0.27609	DIS05	Combination	-11.564	-7.530E-03	2.750E-03	3.303E-04	0.0019
321	0.55218	DIS05	Combination	-11.562	-3.863E-03	2.750E-03	3.303E-04	0.0011
321	0.	DIS06	Combination	-11.563	-0.011	2.750E-03	3.304E-04	0.0026
321	0.27609	DIS06	Combination	-11.56	-7.531E-03	2.750E-03	3.304E-04	0.0019
321	0.55218	DIS06	Combination	-11.557	-3.853E-03	2.750E-03	3.304E-04	0.0011
321	0.	DIS07	Combination	-11.583	-8.964E-03	7.242E-03	0.0013	0.0026
321	0.27609	DIS07	Combination	-11.58	-5.292E-03	7.233E-03	0.0013	6.271E-04
321	0.55218	DIS07	Combination	-11.578	-1.619E-03	7.224E-03	0.0013	-0.0014
321	0.	DIS08	Combination	-11.547	-0.013	-1.742E-03	-6.645E-04	0.0026
321	0.27609	DIS08	Combination	-11.544	-9.769E-03	-1.733E-03	-6.645E-04	0.0031
321	0.55218	DIS08	Combination	-11.541	-6.097E-03	-1.724E-03	-6.645E-04	0.0036
321	0.	DIS09	Combination	-8.192	-8.889E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS09	Combination	-8.189	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS09	Combination	-8.187	-1.554E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS10	Combination	-8.189	-8.900E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS10	Combination	-8.186	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS10	Combination	-8.183	-1.544E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS11	Combination	-8.203	-7.312E-03	5.462E-03	8.887E-04	0.0019
321	0.27609	DIS11	Combination	-8.2	-3.639E-03	5.453E-03	8.887E-04	3.476E-04
321	0.55218	DIS11	Combination	-8.198	3.321E-05	5.444E-03	8.887E-04	-0.0012
321	0.	DIS12	Combination	-8.177	-0.01	-1.570E-03	-4.297E-04	0.0019
321	0.27609	DIS12	Combination	-8.175	-6.804E-03	-1.561E-03	-4.297E-04	0.0023
321	0.55218	DIS12	Combination	-8.172	-3.132E-03	-1.551E-03	-4.297E-04	0.0027
321	0.	DIS13	Combination	-8.192	-8.889E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS13	Combination	-8.189	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS13	Combination	-8.187	-1.554E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS14	Combination	-8.189	-8.900E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS14	Combination	-8.186	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS14	Combination	-8.183	-1.544E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS15	Combination	-8.203	-7.312E-03	5.462E-03	8.887E-04	0.0019
321	0.27609	DIS15	Combination	-8.2	-3.639E-03	5.453E-03	8.887E-04	3.476E-04
321	0.55218	DIS15	Combination	-8.198	3.321E-05	5.444E-03	8.887E-04	-0.0012
321	0.	DIS16	Combination	-8.177	-0.01	-1.570E-03	-4.297E-04	0.0019
321	0.27609	DIS16	Combination	-8.175	-6.804E-03	-1.561E-03	-4.297E-04	0.0023
321	0.55218	DIS16	Combination	-8.172	-3.132E-03	-1.551E-03	-4.297E-04	0.0027
321	0.	DIS17	Combination	-18.993	-0.016	4.518E-03	5.521E-04	0.0043
321	0.27609	DIS17	Combination	-18.99	-0.013	4.518E-03	5.521E-04	0.0031
321	0.55218	DIS17	Combination	-18.988	-8.941E-03	4.518E-03	5.521E-04	0.0018

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
321	0.	DIS18	Combination	-18.985	-0.016	4.518E-03	5.522E-04	0.0043
321	0.27609	DIS18	Combination	-18.983	-0.013	4.518E-03	5.522E-04	0.0031
321	0.55218	DIS18	Combination	-18.98	-8.932E-03	4.518E-03	5.522E-04	0.0018
321	0.	DIS19	Combination	-19.019	-0.013	0.011	0.0023	0.0043
321	0.27609	DIS19	Combination	-19.016	-8.927E-03	0.011	0.0023	0.0012
321	0.55218	DIS19	Combination	-19.014	-5.254E-03	0.011	0.0023	-0.0018
321	0.	DIS20	Combination	-18.959	-0.02	-2.123E-03	-0.0012	0.0043
321	0.27609	DIS20	Combination	-18.957	-0.016	-2.114E-03	-0.0012	0.0049
321	0.55218	DIS20	Combination	-18.954	-0.013	-2.105E-03	-0.0012	0.0055
321	0.	DIS21	Combination	-8.192	-8.889E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS21	Combination	-8.189	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS21	Combination	-8.187	-1.554E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS22	Combination	-8.189	-8.900E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS22	Combination	-8.186	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS22	Combination	-8.183	-1.544E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS23	Combination	-8.203	-7.312E-03	5.462E-03	8.887E-04	0.0019
321	0.27609	DIS23	Combination	-8.2	-3.639E-03	5.453E-03	8.887E-04	3.476E-04
321	0.55218	DIS23	Combination	-8.198	3.321E-05	5.444E-03	8.887E-04	-0.0012
321	0.	DIS24	Combination	-8.177	-0.01	-1.570E-03	-4.297E-04	0.0019
321	0.27609	DIS24	Combination	-8.175	-6.804E-03	-1.561E-03	-4.297E-04	0.0023
321	0.55218	DIS24	Combination	-8.172	-3.132E-03	-1.551E-03	-4.297E-04	0.0027
321	0.	DIS25	Combination	-8.192	-8.889E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS25	Combination	-8.189	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS25	Combination	-8.187	-1.554E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS26	Combination	-8.189	-8.900E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS26	Combination	-8.186	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS26	Combination	-8.183	-1.544E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS27	Combination	-8.203	-7.312E-03	5.462E-03	8.887E-04	0.0019
321	0.27609	DIS27	Combination	-8.2	-3.639E-03	5.453E-03	8.887E-04	3.476E-04
321	0.55218	DIS27	Combination	-8.198	3.321E-05	5.444E-03	8.887E-04	-0.0012
321	0.	DIS28	Combination	-8.177	-0.01	-1.570E-03	-4.297E-04	0.0019
321	0.27609	DIS28	Combination	-8.175	-6.804E-03	-1.561E-03	-4.297E-04	0.0023
321	0.55218	DIS28	Combination	-8.172	-3.132E-03	-1.551E-03	-4.297E-04	0.0027
321	0.	DIS29	Combination	-20.89	-0.018	4.971E-03	6.090E-04	0.0048
321	0.27609	DIS29	Combination	-20.887	-0.014	4.971E-03	6.090E-04	0.0034
321	0.55218	DIS29	Combination	-20.885	-0.01	4.971E-03	6.090E-04	0.002
321	0.	DIS30	Combination	-20.89	-0.018	4.971E-03	6.090E-04	0.0048
321	0.27609	DIS30	Combination	-20.887	-0.014	4.971E-03	6.090E-04	0.0034
321	0.55218	DIS30	Combination	-20.885	-0.01	4.971E-03	6.090E-04	0.002
321	0.	DIS31	Combination	-21.878	-0.018	5.206E-03	6.385E-04	0.005
321	0.27609	DIS31	Combination	-21.876	-0.015	5.206E-03	6.385E-04	0.0035
321	0.55218	DIS31	Combination	-21.873	-0.011	5.206E-03	6.385E-04	0.0021
321	0.	DIS32	Combination	-10.091	-0.01	2.399E-03	2.863E-04	0.0023
321	0.27609	DIS32	Combination	-10.088	-6.522E-03	2.399E-03	2.863E-04	0.0016
321	0.55218	DIS32	Combination	-10.086	-2.850E-03	2.399E-03	2.863E-04	9.640E-04
321	0.	DIS33	Combination	-10.091	-0.01	2.399E-03	2.863E-04	0.0023
321	0.27609	DIS33	Combination	-10.088	-6.522E-03	2.399E-03	2.863E-04	0.0016
321	0.55218	DIS33	Combination	-10.086	-2.850E-03	2.399E-03	2.863E-04	9.640E-04
321	0.	DIS34	Combination	-11.079	-0.011	2.634E-03	3.158E-04	0.0025
321	0.27609	DIS34	Combination	-11.077	-7.198E-03	2.634E-03	3.158E-04	0.0018
321	0.55218	DIS34	Combination	-11.074	-3.526E-03	2.634E-03	3.158E-04	0.0011
321	0.	DIS35	Combination	-10.091	-0.01	2.399E-03	2.863E-04	0.0023
321	0.27609	DIS35	Combination	-10.088	-6.522E-03	2.399E-03	2.863E-04	0.0016
321	0.55218	DIS35	Combination	-10.086	-2.850E-03	2.399E-03	2.863E-04	9.640E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
321	0.	DIS36	Combination	-10.091	-0.01	2.399E-03	2.863E-04	0.0023
321	0.27609	DIS36	Combination	-10.088	-6.522E-03	2.399E-03	2.863E-04	0.0016
321	0.55218	DIS36	Combination	-10.086	-2.850E-03	2.399E-03	2.863E-04	9.640E-04
321	0.	DIS37	Combination	-11.079	-0.011	2.634E-03	3.158E-04	0.0025
321	0.27609	DIS37	Combination	-11.077	-7.198E-03	2.634E-03	3.158E-04	0.0018
321	0.55218	DIS37	Combination	-11.074	-3.526E-03	2.634E-03	3.158E-04	0.0011
321	0.	DIS38	Combination	-15.367	-0.014	3.655E-03	4.439E-04	0.0035
321	0.27609	DIS38	Combination	-15.364	-0.01	3.655E-03	4.439E-04	0.0025
321	0.55218	DIS38	Combination	-15.361	-6.458E-03	3.655E-03	4.439E-04	0.0015
321	0.	DIS39	Combination	-15.367	-0.014	3.655E-03	4.439E-04	0.0035
321	0.27609	DIS39	Combination	-15.364	-0.01	3.655E-03	4.439E-04	0.0025
321	0.55218	DIS39	Combination	-15.361	-6.458E-03	3.655E-03	4.439E-04	0.0015
321	0.	DIS40	Combination	-17.267	-0.015	4.108E-03	5.007E-04	0.0039
321	0.27609	DIS40	Combination	-17.265	-0.011	4.108E-03	5.007E-04	0.0028
321	0.55218	DIS40	Combination	-17.262	-7.759E-03	4.108E-03	5.007E-04	0.0017
321	0.	DIS41	Combination	-11.992	-0.011	2.852E-03	3.431E-04	0.0027
321	0.27609	DIS41	Combination	-11.989	-7.823E-03	2.852E-03	3.431E-04	0.0019
321	0.55218	DIS41	Combination	-11.987	-4.150E-03	2.852E-03	3.431E-04	0.0011
321	0.	DIS42	Combination	-11.992	-0.011	2.852E-03	3.431E-04	0.0027
321	0.27609	DIS42	Combination	-11.989	-7.823E-03	2.852E-03	3.431E-04	0.0019
321	0.55218	DIS42	Combination	-11.987	-4.150E-03	2.852E-03	3.431E-04	0.0011
321	0.	DIS43	Combination	-13.893	-0.013	3.304E-03	3.999E-04	0.0032
321	0.27609	DIS43	Combination	-13.89	-9.123E-03	3.304E-03	3.999E-04	0.0022
321	0.55218	DIS43	Combination	-13.887	-5.450E-03	3.304E-03	3.999E-04	0.0013
321	0.	DIS44	Combination	-11.992	-0.011	2.852E-03	3.431E-04	0.0027
321	0.27609	DIS44	Combination	-11.989	-7.823E-03	2.852E-03	3.431E-04	0.0019
321	0.55218	DIS44	Combination	-11.987	-4.150E-03	2.852E-03	3.431E-04	0.0011
321	0.	DIS45	Combination	-11.992	-0.011	2.852E-03	3.431E-04	0.0027
321	0.27609	DIS45	Combination	-11.989	-7.823E-03	2.852E-03	3.431E-04	0.0019
321	0.55218	DIS45	Combination	-11.987	-4.150E-03	2.852E-03	3.431E-04	0.0011
321	0.	DIS46	Combination	-13.893	-0.013	3.304E-03	3.999E-04	0.0032
321	0.27609	DIS46	Combination	-13.89	-9.123E-03	3.304E-03	3.999E-04	0.0022
321	0.55218	DIS46	Combination	-13.887	-5.450E-03	3.304E-03	3.999E-04	0.0013
321	0.	DIS47	Combination	-8.192	-8.889E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS47	Combination	-8.189	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS47	Combination	-8.187	-1.554E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS48	Combination	-8.189	-8.900E-03	1.946E-03	2.295E-04	0.0019
321	0.27609	DIS48	Combination	-8.186	-5.222E-03	1.946E-03	2.295E-04	0.0013
321	0.55218	DIS48	Combination	-8.183	-1.544E-03	1.946E-03	2.295E-04	7.797E-04
321	0.	DIS49	Combination	-8.203	-7.312E-03	5.462E-03	8.887E-04	0.0019
321	0.27609	DIS49	Combination	-8.2	-3.639E-03	5.453E-03	8.887E-04	3.476E-04
321	0.55218	DIS49	Combination	-8.198	3.321E-05	5.444E-03	8.887E-04	-0.0012
321	0.	DIS50	Combination	-8.177	-0.01	-1.570E-03	-4.297E-04	0.0019
321	0.27609	DIS50	Combination	-8.175	-6.804E-03	-1.561E-03	-4.297E-04	0.0023
321	0.55218	DIS50	Combination	-8.172	-3.132E-03	-1.551E-03	-4.297E-04	0.0027
321	0.	DIS51	Combination	-9.944	-9.271E-03	2.365E-03	2.857E-04	0.0023
321	0.27609	DIS51	Combination	-9.942	-6.517E-03	2.365E-03	2.857E-04	0.0016
321	0.55218	DIS51	Combination	-9.94	-3.763E-03	2.365E-03	2.857E-04	9.534E-04
321	0.	DIS52	Combination	-9.944	-9.271E-03	2.365E-03	2.857E-04	0.0023
321	0.27609	DIS52	Combination	-9.942	-6.517E-03	2.365E-03	2.857E-04	0.0016
321	0.55218	DIS52	Combination	-9.94	-3.763E-03	2.365E-03	2.857E-04	9.534E-04
321	0.	DIS53	Combination	-11.845	-0.011	2.818E-03	3.425E-04	0.0027
321	0.27609	DIS53	Combination	-11.843	-7.817E-03	2.818E-03	3.425E-04	0.0019
321	0.55218	DIS53	Combination	-11.841	-5.063E-03	2.818E-03	3.425E-04	0.0011

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
321	0.	DIS54	Combination	-6.144	-6.667E-03	1.460E-03	1.721E-04	0.0014
321	0.27609	DIS54	Combination	-6.142	-3.916E-03	1.460E-03	1.721E-04	9.878E-04
321	0.55218	DIS54	Combination	-6.14	-1.166E-03	1.460E-03	1.721E-04	5.848E-04
321	0.	DIS55	Combination	-6.141	-6.675E-03	1.460E-03	1.721E-04	0.0014
321	0.27609	DIS55	Combination	-6.139	-3.917E-03	1.460E-03	1.721E-04	9.877E-04
321	0.55218	DIS55	Combination	-6.137	-1.158E-03	1.460E-03	1.721E-04	5.848E-04
321	0.	DIS56	Combination	-6.152	-5.484E-03	4.096E-03	6.665E-04	0.0014
321	0.27609	DIS56	Combination	-6.15	-2.730E-03	4.090E-03	6.665E-04	2.607E-04
321	0.55218	DIS56	Combination	-6.148	2.491E-05	4.083E-03	6.665E-04	-8.674E-04
321	0.	DIS57	Combination	-6.133	-7.858E-03	-1.177E-03	-3.223E-04	0.0014
321	0.27609	DIS57	Combination	-6.131	-5.103E-03	-1.170E-03	-3.223E-04	0.0017
321	0.55218	DIS57	Combination	-6.129	-2.349E-03	-1.164E-03	-3.223E-04	0.002
322	0.	DEAD	LinStatic	6.837	-0.033	6.204E-03	7.854E-04	8.529E-04
322	0.27609	DEAD	LinStatic	6.839	-0.03	6.204E-03	7.854E-04	-8.599E-04
322	0.55218	DEAD	LinStatic	6.841	-0.027	6.204E-03	7.854E-04	-0.0026
322	0.	L	LinStatic	0.	0.	0.	0.	0.
322	0.27609	L	LinStatic	0.	0.	0.	0.	0.
322	0.55218	L	LinStatic	0.	0.	0.	0.	0.
322	0.	Lr	LinStatic	6.73	-0.031	6.241E-03	7.973E-04	8.494E-04
322	0.27609	Lr	LinStatic	6.73	-0.031	6.241E-03	7.973E-04	-8.737E-04
322	0.55218	Lr	LinStatic	6.73	-0.031	6.241E-03	7.973E-04	-0.0026
322	0.	G	LinStatic	0.	0.	0.	0.	0.
322	0.27609	G	LinStatic	0.	0.	0.	0.	0.
322	0.55218	G	LinStatic	0.	0.	0.	0.	0.
322	0.	Le	LinStatic	0.	0.	0.	0.	0.
322	0.27609	Le	LinStatic	0.	0.	0.	0.	0.
322	0.55218	Le	LinStatic	0.	0.	0.	0.	0.
322	0.	Wx	LinStatic	3.791	-0.017	3.515E-03	4.491E-04	4.784E-04
322	0.27609	Wx	LinStatic	3.791	-0.017	3.515E-03	4.491E-04	-4.921E-04
322	0.55218	Wx	LinStatic	3.791	-0.017	3.515E-03	4.491E-04	-0.0015
322	0.	Wy	LinStatic	3.791	-0.017	3.515E-03	4.491E-04	4.784E-04
322	0.27609	Wy	LinStatic	3.791	-0.017	3.515E-03	4.491E-04	-4.921E-04
322	0.55218	Wy	LinStatic	3.791	-0.017	3.515E-03	4.491E-04	-0.0015
322	0.	CFx D	LinStatic	1.341E-03	-4.827E-06	-9.975E-08	6.297E-09	-2.338E-08
322	0.27609	CFx D	LinStatic	1.335E-03	-4.743E-07	-9.975E-08	6.297E-09	4.158E-09
322	0.55218	CFx D	LinStatic	1.328E-03	3.878E-06	-9.975E-08	6.297E-09	3.170E-08
322	0.	CFy D	LinStatic	-0.032	1.595E-03	1.953E-03	-0.0012	0.
322	0.27609	CFy D	LinStatic	-0.032	1.595E-03	1.961E-03	-0.0012	-5.403E-04
322	0.55218	CFy D	LinStatic	-0.032	1.595E-03	1.968E-03	-0.0012	-0.0011
322	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
322	0.27609	CFx L	LinStatic	0.	0.	0.	0.	0.
322	0.55218	CFx L	LinStatic	0.	0.	0.	0.	0.
322	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
322	0.27609	CFy L	LinStatic	0.	0.	0.	0.	0.
322	0.55218	CFy L	LinStatic	0.	0.	0.	0.	0.
322	0.	CFx Lr	LinStatic	1.345E-03	-3.971E-07	-1.256E-07	-4.297E-09	-2.535E-08
322	0.27609	CFx Lr	LinStatic	1.345E-03	-3.971E-07	-1.256E-07	-4.297E-09	9.320E-09
322	0.55218	CFx Lr	LinStatic	1.345E-03	-3.971E-07	-1.256E-07	-4.297E-09	4.399E-08
322	0.	CFy Lr	LinStatic	-0.034	1.600E-03	1.953E-03	-0.0012	4.883E-04
322	0.27609	CFy Lr	LinStatic	-0.034	1.600E-03	1.953E-03	-0.0012	-5.095E-05
322	0.55218	CFy Lr	LinStatic	-0.034	1.600E-03	1.953E-03	-0.0012	-5.902E-04
322	0.	DIS01	Combination	9.573	-0.047	8.685E-03	0.0011	0.0012
322	0.27609	DIS01	Combination	9.576	-0.042	8.685E-03	0.0011	-0.0012
322	0.55218	DIS01	Combination	9.579	-0.038	8.685E-03	0.0011	-0.0036

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
322	0.	DIS02	Combination	9.57	-0.047	8.686E-03	0.0011	0.0012
322	0.27609	DIS02	Combination	9.573	-0.042	8.686E-03	0.0011	-0.0012
322	0.55218	DIS02	Combination	9.576	-0.038	8.686E-03	0.0011	-0.0036
322	0.	DIS03	Combination	9.527	-0.045	0.011	-6.095E-04	0.0012
322	0.27609	DIS03	Combination	9.53	-0.04	0.011	-6.095E-04	-0.002
322	0.55218	DIS03	Combination	9.533	-0.036	0.011	-6.095E-04	-0.0051
322	0.	DIS04	Combination	9.616	-0.049	5.951E-03	0.0028	0.0012
322	0.27609	DIS04	Combination	9.619	-0.045	5.941E-03	0.0028	-4.475E-04
322	0.55218	DIS04	Combination	9.622	-0.04	5.930E-03	0.0028	-0.0021
322	0.	DIS05	Combination	11.571	-0.055	0.011	0.0013	0.0014
322	0.27609	DIS05	Combination	11.574	-0.052	0.011	0.0013	-0.0015
322	0.55218	DIS05	Combination	11.576	-0.048	0.011	0.0013	-0.0044
322	0.	DIS06	Combination	11.567	-0.055	0.011	0.0013	0.0014
322	0.27609	DIS06	Combination	11.569	-0.052	0.011	0.0013	-0.0015
322	0.55218	DIS06	Combination	11.572	-0.048	0.011	0.0013	-0.0044
322	0.	DIS07	Combination	11.514	-0.053	0.014	-7.341E-04	0.0017
322	0.27609	DIS07	Combination	11.517	-0.049	0.014	-7.341E-04	-0.0021
322	0.55218	DIS07	Combination	11.519	-0.045	0.014	-7.341E-04	-0.006
322	0.	DIS08	Combination	11.624	-0.058	7.245E-03	0.0034	0.0012
322	0.27609	DIS08	Combination	11.627	-0.054	7.236E-03	0.0034	-7.949E-04
322	0.55218	DIS08	Combination	11.629	-0.051	7.227E-03	0.0034	-0.0028
322	0.	DIS09	Combination	8.206	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS09	Combination	8.208	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS09	Combination	8.211	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS10	Combination	8.203	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS10	Combination	8.205	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS10	Combination	8.208	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS11	Combination	8.166	-0.038	9.788E-03	-5.224E-04	0.001
322	0.27609	DIS11	Combination	8.169	-0.034	9.797E-03	-5.224E-04	-0.0017
322	0.55218	DIS11	Combination	8.171	-0.031	9.806E-03	-5.224E-04	-0.0044
322	0.	DIS12	Combination	8.242	-0.042	5.101E-03	0.0024	0.001
322	0.27609	DIS12	Combination	8.245	-0.038	5.092E-03	0.0024	-3.835E-04
322	0.55218	DIS12	Combination	8.247	-0.035	5.083E-03	0.0024	-0.0018
322	0.	DIS13	Combination	8.206	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS13	Combination	8.208	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS13	Combination	8.211	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS14	Combination	8.203	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS14	Combination	8.205	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS14	Combination	8.208	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS15	Combination	8.166	-0.038	9.788E-03	-5.224E-04	0.001
322	0.27609	DIS15	Combination	8.169	-0.034	9.797E-03	-5.224E-04	-0.0017
322	0.55218	DIS15	Combination	8.171	-0.031	9.806E-03	-5.224E-04	-0.0044
322	0.	DIS16	Combination	8.242	-0.042	5.101E-03	0.0024	0.001
322	0.27609	DIS16	Combination	8.245	-0.038	5.092E-03	0.0024	-3.835E-04
322	0.55218	DIS16	Combination	8.247	-0.035	5.083E-03	0.0024	-0.0018
322	0.	DIS17	Combination	18.975	-0.089	0.017	0.0022	0.0024
322	0.27609	DIS17	Combination	18.978	-0.085	0.017	0.0022	-0.0024
322	0.55218	DIS17	Combination	18.981	-0.082	0.017	0.0022	-0.0072
322	0.	DIS18	Combination	18.968	-0.089	0.017	0.0022	0.0024
322	0.27609	DIS18	Combination	18.97	-0.085	0.017	0.0022	-0.0024
322	0.55218	DIS18	Combination	18.973	-0.082	0.017	0.0022	-0.0072
322	0.	DIS19	Combination	18.879	-0.084	0.023	-0.0012	0.0032
322	0.27609	DIS19	Combination	18.882	-0.081	0.023	-0.0012	-0.0032
322	0.55218	DIS19	Combination	18.885	-0.077	0.023	-0.0012	-0.0095

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
322	0.	DIS20	Combination	19.064	-0.093	0.012	0.0056	0.0016
322	0.27609	DIS20	Combination	19.066	-0.09	0.012	0.0056	-0.0017
322	0.55218	DIS20	Combination	19.069	-0.086	0.012	0.0056	-0.005
322	0.	DIS21	Combination	8.206	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS21	Combination	8.208	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS21	Combination	8.211	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS22	Combination	8.203	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS22	Combination	8.205	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS22	Combination	8.208	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS23	Combination	8.166	-0.038	9.788E-03	-5.224E-04	0.001
322	0.27609	DIS23	Combination	8.169	-0.034	9.797E-03	-5.224E-04	-0.0017
322	0.55218	DIS23	Combination	8.171	-0.031	9.806E-03	-5.224E-04	-0.0044
322	0.	DIS24	Combination	8.242	-0.042	5.101E-03	0.0024	0.001
322	0.27609	DIS24	Combination	8.245	-0.038	5.092E-03	0.0024	-3.835E-04
322	0.55218	DIS24	Combination	8.247	-0.035	5.083E-03	0.0024	-0.0018
322	0.	DIS25	Combination	8.206	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS25	Combination	8.208	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS25	Combination	8.211	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS26	Combination	8.203	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS26	Combination	8.205	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS26	Combination	8.208	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS27	Combination	8.166	-0.038	9.788E-03	-5.224E-04	0.001
322	0.27609	DIS27	Combination	8.169	-0.034	9.797E-03	-5.224E-04	-0.0017
322	0.55218	DIS27	Combination	8.171	-0.031	9.806E-03	-5.224E-04	-0.0044
322	0.	DIS28	Combination	8.242	-0.042	5.101E-03	0.0024	0.001
322	0.27609	DIS28	Combination	8.245	-0.038	5.092E-03	0.0024	-3.835E-04
322	0.55218	DIS28	Combination	8.247	-0.035	5.083E-03	0.0024	-0.0018
322	0.	DIS29	Combination	20.867	-0.098	0.019	0.0024	0.0026
322	0.27609	DIS29	Combination	20.87	-0.094	0.019	0.0024	-0.0027
322	0.55218	DIS29	Combination	20.872	-0.09	0.019	0.0024	-0.008
322	0.	DIS30	Combination	20.867	-0.098	0.019	0.0024	0.0026
322	0.27609	DIS30	Combination	20.87	-0.094	0.019	0.0024	-0.0027
322	0.55218	DIS30	Combination	20.872	-0.09	0.019	0.0024	-0.008
322	0.	DIS31	Combination	21.852	-0.102	0.02	0.0026	0.0027
322	0.27609	DIS31	Combination	21.855	-0.098	0.02	0.0026	-0.0028
322	0.55218	DIS31	Combination	21.858	-0.095	0.02	0.0026	-0.0084
322	0.	DIS32	Combination	10.099	-0.049	9.202E-03	0.0012	0.0013
322	0.27609	DIS32	Combination	10.102	-0.045	9.202E-03	0.0012	-0.0013
322	0.55218	DIS32	Combination	10.105	-0.041	9.202E-03	0.0012	-0.0038
322	0.	DIS33	Combination	10.099	-0.049	9.202E-03	0.0012	0.0013
322	0.27609	DIS33	Combination	10.102	-0.045	9.202E-03	0.0012	-0.0013
322	0.55218	DIS33	Combination	10.105	-0.041	9.202E-03	0.0012	-0.0038
322	0.	DIS34	Combination	11.085	-0.053	0.01	0.0013	0.0014
322	0.27609	DIS34	Combination	11.088	-0.049	0.01	0.0013	-0.0014
322	0.55218	DIS34	Combination	11.09	-0.046	0.01	0.0013	-0.0042
322	0.	DIS35	Combination	10.099	-0.049	9.202E-03	0.0012	0.0013
322	0.27609	DIS35	Combination	10.102	-0.045	9.202E-03	0.0012	-0.0013
322	0.55218	DIS35	Combination	10.105	-0.041	9.202E-03	0.0012	-0.0038
322	0.	DIS36	Combination	10.099	-0.049	9.202E-03	0.0012	0.0013
322	0.27609	DIS36	Combination	10.102	-0.045	9.202E-03	0.0012	-0.0013
322	0.55218	DIS36	Combination	10.105	-0.041	9.202E-03	0.0012	-0.0038
322	0.	DIS37	Combination	11.085	-0.053	0.01	0.0013	0.0014
322	0.27609	DIS37	Combination	11.088	-0.049	0.01	0.0013	-0.0014
322	0.55218	DIS37	Combination	11.09	-0.046	0.01	0.0013	-0.0042

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
322	0.	DIS38	Combination	15.36	-0.073	0.014	0.0018	0.0019
322	0.27609	DIS38	Combination	15.362	-0.069	0.014	0.0018	-0.002
322	0.55218	DIS38	Combination	15.365	-0.065	0.014	0.0018	-0.0058
322	0.	DIS39	Combination	15.36	-0.073	0.014	0.0018	0.0019
322	0.27609	DIS39	Combination	15.362	-0.069	0.014	0.0018	-0.002
322	0.55218	DIS39	Combination	15.365	-0.065	0.014	0.0018	-0.0058
322	0.	DIS40	Combination	17.255	-0.081	0.016	0.002	0.0022
322	0.27609	DIS40	Combination	17.257	-0.077	0.016	0.002	-0.0022
322	0.55218	DIS40	Combination	17.26	-0.074	0.016	0.002	-0.0066
322	0.	DIS41	Combination	11.995	-0.057	0.011	0.0014	0.0015
322	0.27609	DIS41	Combination	11.997	-0.054	0.011	0.0014	-0.0015
322	0.55218	DIS41	Combination	12.	-0.05	0.011	0.0014	-0.0045
322	0.	DIS42	Combination	11.995	-0.057	0.011	0.0014	0.0015
322	0.27609	DIS42	Combination	11.997	-0.054	0.011	0.0014	-0.0015
322	0.55218	DIS42	Combination	12.	-0.05	0.011	0.0014	-0.0045
322	0.	DIS43	Combination	13.89	-0.066	0.013	0.0016	0.0017
322	0.27609	DIS43	Combination	13.893	-0.062	0.013	0.0016	-0.0018
322	0.55218	DIS43	Combination	13.895	-0.059	0.013	0.0016	-0.0053
322	0.	DIS44	Combination	11.995	-0.057	0.011	0.0014	0.0015
322	0.27609	DIS44	Combination	11.997	-0.054	0.011	0.0014	-0.0015
322	0.55218	DIS44	Combination	12.	-0.05	0.011	0.0014	-0.0045
322	0.	DIS45	Combination	11.995	-0.057	0.011	0.0014	0.0015
322	0.27609	DIS45	Combination	11.997	-0.054	0.011	0.0014	-0.0015
322	0.55218	DIS45	Combination	12.	-0.05	0.011	0.0014	-0.0045
322	0.	DIS46	Combination	13.89	-0.066	0.013	0.0016	0.0017
322	0.27609	DIS46	Combination	13.893	-0.062	0.013	0.0016	-0.0018
322	0.55218	DIS46	Combination	13.895	-0.059	0.013	0.0016	-0.0053
322	0.	DIS47	Combination	8.206	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS47	Combination	8.208	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS47	Combination	8.211	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS48	Combination	8.203	-0.04	7.445E-03	9.424E-04	0.001
322	0.27609	DIS48	Combination	8.205	-0.036	7.445E-03	9.424E-04	-0.001
322	0.55218	DIS48	Combination	8.208	-0.033	7.445E-03	9.424E-04	-0.0031
322	0.	DIS49	Combination	8.166	-0.038	9.788E-03	-5.224E-04	0.001
322	0.27609	DIS49	Combination	8.169	-0.034	9.797E-03	-5.224E-04	-0.0017
322	0.55218	DIS49	Combination	8.171	-0.031	9.806E-03	-5.224E-04	-0.0044
322	0.	DIS50	Combination	8.242	-0.042	5.101E-03	0.0024	0.001
322	0.27609	DIS50	Combination	8.245	-0.038	5.092E-03	0.0024	-3.835E-04
322	0.55218	DIS50	Combination	8.247	-0.035	5.083E-03	0.0024	-0.0018
322	0.	DIS51	Combination	9.944	-0.047	9.099E-03	0.0012	0.0012
322	0.27609	DIS51	Combination	9.946	-0.045	9.099E-03	0.0012	-0.0013
322	0.55218	DIS51	Combination	9.948	-0.042	9.099E-03	0.0012	-0.0038
322	0.	DIS52	Combination	9.944	-0.047	9.099E-03	0.0012	0.0012
322	0.27609	DIS52	Combination	9.946	-0.045	9.099E-03	0.0012	-0.0013
322	0.55218	DIS52	Combination	9.948	-0.042	9.099E-03	0.0012	-0.0038
322	0.	DIS53	Combination	11.839	-0.056	0.011	0.0014	0.0015
322	0.27609	DIS53	Combination	11.841	-0.053	0.011	0.0014	-0.0015
322	0.55218	DIS53	Combination	11.843	-0.05	0.011	0.0014	-0.0045
322	0.	DIS54	Combination	6.154	-0.03	5.583E-03	7.068E-04	7.676E-04
322	0.27609	DIS54	Combination	6.156	-0.027	5.583E-03	7.068E-04	-7.739E-04
322	0.55218	DIS54	Combination	6.158	-0.025	5.583E-03	7.068E-04	-0.0023
322	0.	DIS55	Combination	6.152	-0.03	5.584E-03	7.068E-04	7.677E-04
322	0.27609	DIS55	Combination	6.154	-0.027	5.584E-03	7.068E-04	-7.739E-04
322	0.55218	DIS55	Combination	6.156	-0.025	5.584E-03	7.068E-04	-0.0023

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
322	0.	DIS56	Combination	6.125	-0.029	7.341E-03	-3.918E-04	7.676E-04
322	0.27609	DIS56	Combination	6.127	-0.026	7.348E-03	-3.918E-04	-0.0013
322	0.55218	DIS56	Combination	6.128	-0.023	7.355E-03	-3.918E-04	-0.0033
322	0.	DIS57	Combination	6.182	-0.031	3.826E-03	0.0018	7.676E-04
322	0.27609	DIS57	Combination	6.184	-0.029	3.819E-03	0.0018	-2.877E-04
322	0.55218	DIS57	Combination	6.186	-0.026	3.812E-03	0.0018	-0.0013
323	0.	DEAD	LinStatic	-4.428	0.105	2.486E-03	0.0018	1.179E-05
323	0.16	DEAD	LinStatic	-4.426	0.105	2.486E-03	0.0018	-3.860E-04
323	0.32	DEAD	LinStatic	-4.424	0.105	2.486E-03	0.0018	-7.837E-04
323	0.	L	LinStatic	0.	0.	0.	0.	0.
323	0.16	L	LinStatic	0.	0.	0.	0.	0.
323	0.32	L	LinStatic	0.	0.	0.	0.	0.
323	0.	Lr	LinStatic	-4.363	0.105	2.497E-03	0.0018	1.169E-05
323	0.16	Lr	LinStatic	-4.363	0.105	2.497E-03	0.0018	-3.878E-04
323	0.32	Lr	LinStatic	-4.363	0.105	2.497E-03	0.0018	-7.872E-04
323	0.	G	LinStatic	0.	0.	0.	0.	0.
323	0.16	G	LinStatic	0.	0.	0.	0.	0.
323	0.32	G	LinStatic	0.	0.	0.	0.	0.
323	0.	Le	LinStatic	0.	0.	0.	0.	0.
323	0.16	Le	LinStatic	0.	0.	0.	0.	0.
323	0.32	Le	LinStatic	0.	0.	0.	0.	0.
323	0.	Wx	LinStatic	-2.458	0.059	1.406E-03	0.001	6.587E-06
323	0.16	Wx	LinStatic	-2.458	0.059	1.406E-03	0.001	-2.184E-04
323	0.32	Wx	LinStatic	-2.458	0.059	1.406E-03	0.001	-4.434E-04
323	0.	Wy	LinStatic	-2.458	0.059	1.406E-03	0.001	6.587E-06
323	0.16	Wy	LinStatic	-2.458	0.059	1.406E-03	0.001	-2.184E-04
323	0.32	Wy	LinStatic	-2.458	0.059	1.406E-03	0.001	-4.434E-04
323	0.	CFx D	LinStatic	-7.740E-04	9.065E-06	-8.110E-08	-5.067E-09	-2.000E-09
323	0.16	CFx D	LinStatic	-7.740E-04	4.713E-06	-8.110E-08	-5.067E-09	1.098E-08
323	0.32	CFx D	LinStatic	-7.740E-04	3.598E-07	-8.110E-08	-5.067E-09	2.395E-08
323	0.	CFy D	LinStatic	0.01	-8.027E-03	-7.813E-03	-1.564E-04	0.002
323	0.16	CFy D	LinStatic	0.01	-8.027E-03	-7.817E-03	-1.564E-04	0.0032
323	0.32	CFy D	LinStatic	0.01	-8.027E-03	-7.821E-03	-1.564E-04	0.0045
323	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
323	0.16	CFx L	LinStatic	0.	0.	0.	0.	0.
323	0.32	CFx L	LinStatic	0.	0.	0.	0.	0.
323	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
323	0.16	CFy L	LinStatic	0.	0.	0.	0.	0.
323	0.32	CFy L	LinStatic	0.	0.	0.	0.	0.
323	0.	CFx Lr	LinStatic	-7.808E-04	4.262E-06	-7.058E-08	-1.374E-08	-1.121E-09
323	0.16	CFx Lr	LinStatic	-7.808E-04	4.262E-06	-7.058E-08	-1.374E-08	1.017E-08
323	0.32	CFx Lr	LinStatic	-7.808E-04	4.262E-06	-7.058E-08	-1.374E-08	2.146E-08
323	0.	CFy Lr	LinStatic	0.011	-8.222E-03	-7.813E-03	-1.755E-04	0.
323	0.16	CFy Lr	LinStatic	0.011	-8.222E-03	-7.813E-03	-1.755E-04	0.0013
323	0.32	CFy Lr	LinStatic	0.011	-8.222E-03	-7.813E-03	-1.755E-04	0.0025
323	0.	DIS01	Combination	-6.201	0.147	3.480E-03	0.0025	1.651E-05
323	0.16	DIS01	Combination	-6.198	0.147	3.480E-03	0.0025	-5.403E-04
323	0.32	DIS01	Combination	-6.195	0.147	3.480E-03	0.0025	-0.0011
323	0.	DIS02	Combination	-6.198	0.147	3.481E-03	0.0025	1.651E-05
323	0.16	DIS02	Combination	-6.195	0.147	3.481E-03	0.0025	-5.404E-04
323	0.32	DIS02	Combination	-6.192	0.147	3.481E-03	0.0025	-0.0011
323	0.	DIS03	Combination	-6.185	0.136	-7.457E-03	0.0023	0.0028
323	0.16	DIS03	Combination	-6.182	0.136	-7.463E-03	0.0023	0.0039
323	0.32	DIS03	Combination	-6.179	0.136	-7.469E-03	0.0023	0.0051

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
323	0.	DIS04	Combination	-6.214	0.158	0.014	0.0027	-0.0027
323	0.16	DIS04	Combination	-6.211	0.158	0.014	0.0027	-0.005
323	0.32	DIS04	Combination	-6.208	0.158	0.014	0.0027	-0.0073
323	0.	DIS05	Combination	-7.497	0.179	4.231E-03	0.003	2.000E-05
323	0.16	DIS05	Combination	-7.494	0.179	4.231E-03	0.003	-6.570E-04
323	0.32	DIS05	Combination	-7.492	0.179	4.231E-03	0.003	-0.0013
323	0.	DIS06	Combination	-7.494	0.179	4.232E-03	0.003	2.000E-05
323	0.16	DIS06	Combination	-7.492	0.179	4.232E-03	0.003	-6.571E-04
323	0.32	DIS06	Combination	-7.489	0.179	4.232E-03	0.003	-0.0013
323	0.	DIS07	Combination	-7.477	0.165	-9.050E-03	0.0027	0.0024
323	0.16	DIS07	Combination	-7.475	0.165	-9.055E-03	0.0027	0.0038
323	0.32	DIS07	Combination	-7.472	0.165	-9.060E-03	0.0027	0.0053
323	0.	DIS08	Combination	-7.514	0.192	0.018	0.0033	-0.0023
323	0.16	DIS08	Combination	-7.511	0.192	0.018	0.0033	-0.0051
323	0.32	DIS08	Combination	-7.508	0.192	0.018	0.0033	-0.0079
323	0.	DIS09	Combination	-5.315	0.126	2.983E-03	0.0021	1.415E-05
323	0.16	DIS09	Combination	-5.312	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS09	Combination	-5.31	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS10	Combination	-5.313	0.126	2.983E-03	0.0021	1.416E-05
323	0.16	DIS10	Combination	-5.31	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS10	Combination	-5.308	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS11	Combination	-5.301	0.116	-6.392E-03	0.0019	0.0024
323	0.16	DIS11	Combination	-5.299	0.116	-6.397E-03	0.0019	0.0034
323	0.32	DIS11	Combination	-5.296	0.116	-6.402E-03	0.0019	0.0044
323	0.	DIS12	Combination	-5.326	0.135	0.012	0.0023	-0.0023
323	0.16	DIS12	Combination	-5.324	0.135	0.012	0.0023	-0.0043
323	0.32	DIS12	Combination	-5.321	0.135	0.012	0.0023	-0.0063
323	0.	DIS13	Combination	-5.315	0.126	2.983E-03	0.0021	1.415E-05
323	0.16	DIS13	Combination	-5.312	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS13	Combination	-5.31	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS14	Combination	-5.313	0.126	2.983E-03	0.0021	1.416E-05
323	0.16	DIS14	Combination	-5.31	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS14	Combination	-5.308	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS15	Combination	-5.301	0.116	-6.392E-03	0.0019	0.0024
323	0.16	DIS15	Combination	-5.299	0.116	-6.397E-03	0.0019	0.0034
323	0.32	DIS15	Combination	-5.296	0.116	-6.402E-03	0.0019	0.0044
323	0.	DIS16	Combination	-5.326	0.135	0.012	0.0023	-0.0023
323	0.16	DIS16	Combination	-5.324	0.135	0.012	0.0023	-0.0043
323	0.32	DIS16	Combination	-5.321	0.135	0.012	0.0023	-0.0063
323	0.	DIS17	Combination	-12.297	0.295	6.977E-03	0.005	3.286E-05
323	0.16	DIS17	Combination	-12.295	0.295	6.977E-03	0.005	-0.0011
323	0.32	DIS17	Combination	-12.292	0.294	6.977E-03	0.005	-0.0022
323	0.	DIS18	Combination	-12.293	0.294	6.978E-03	0.005	3.287E-05
323	0.16	DIS18	Combination	-12.29	0.294	6.978E-03	0.005	-0.0011
323	0.32	DIS18	Combination	-12.288	0.294	6.978E-03	0.005	-0.0022
323	0.	DIS19	Combination	-12.265	0.272	-0.015	0.0045	0.0024
323	0.16	DIS19	Combination	-12.262	0.272	-0.015	0.0045	0.0048
323	0.32	DIS19	Combination	-12.26	0.272	-0.015	0.0045	0.0071
323	0.	DIS20	Combination	-12.326	0.317	0.029	0.0055	-0.0023
323	0.16	DIS20	Combination	-12.323	0.317	0.029	0.0055	-0.0069
323	0.32	DIS20	Combination	-12.32	0.317	0.029	0.0055	-0.0115
323	0.	DIS21	Combination	-5.315	0.126	2.983E-03	0.0021	1.415E-05
323	0.16	DIS21	Combination	-5.312	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS21	Combination	-5.31	0.126	2.983E-03	0.0021	-9.405E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
323	0.	DIS22	Combination	-5.313	0.126	2.983E-03	0.0021	1.416E-05
323	0.16	DIS22	Combination	-5.31	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS22	Combination	-5.308	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS23	Combination	-5.301	0.116	-6.392E-03	0.0019	0.0024
323	0.16	DIS23	Combination	-5.299	0.116	-6.397E-03	0.0019	0.0034
323	0.32	DIS23	Combination	-5.296	0.116	-6.402E-03	0.0019	0.0044
323	0.	DIS24	Combination	-5.326	0.135	0.012	0.0023	-0.0023
323	0.16	DIS24	Combination	-5.324	0.135	0.012	0.0023	-0.0043
323	0.32	DIS24	Combination	-5.321	0.135	0.012	0.0023	-0.0063
323	0.	DIS25	Combination	-5.315	0.126	2.983E-03	0.0021	1.415E-05
323	0.16	DIS25	Combination	-5.312	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS25	Combination	-5.31	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS26	Combination	-5.313	0.126	2.983E-03	0.0021	1.416E-05
323	0.16	DIS26	Combination	-5.31	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS26	Combination	-5.308	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS27	Combination	-5.301	0.116	-6.392E-03	0.0019	0.0024
323	0.16	DIS27	Combination	-5.299	0.116	-6.397E-03	0.0019	0.0034
323	0.32	DIS27	Combination	-5.296	0.116	-6.402E-03	0.0019	0.0044
323	0.	DIS28	Combination	-5.326	0.135	0.012	0.0023	-0.0023
323	0.16	DIS28	Combination	-5.324	0.135	0.012	0.0023	-0.0043
323	0.32	DIS28	Combination	-5.321	0.135	0.012	0.0023	-0.0063
323	0.	DIS29	Combination	-13.524	0.324	7.681E-03	0.0055	3.616E-05
323	0.16	DIS29	Combination	-13.521	0.324	7.681E-03	0.0055	-0.0012
323	0.32	DIS29	Combination	-13.519	0.324	7.681E-03	0.0055	-0.0024
323	0.	DIS30	Combination	-13.524	0.324	7.681E-03	0.0055	3.616E-05
323	0.16	DIS30	Combination	-13.521	0.324	7.681E-03	0.0055	-0.0012
323	0.32	DIS30	Combination	-13.519	0.324	7.681E-03	0.0055	-0.0024
323	0.	DIS31	Combination	-14.163	0.34	8.046E-03	0.0058	3.787E-05
323	0.16	DIS31	Combination	-14.161	0.34	8.046E-03	0.0058	-0.0012
323	0.32	DIS31	Combination	-14.158	0.34	8.046E-03	0.0058	-0.0025
323	0.	DIS32	Combination	-6.543	0.156	3.686E-03	0.0026	1.745E-05
323	0.16	DIS32	Combination	-6.54	0.156	3.686E-03	0.0026	-5.724E-04
323	0.32	DIS32	Combination	-6.538	0.156	3.686E-03	0.0026	-0.0012
323	0.	DIS33	Combination	-6.543	0.156	3.686E-03	0.0026	1.745E-05
323	0.16	DIS33	Combination	-6.54	0.156	3.686E-03	0.0026	-5.724E-04
323	0.32	DIS33	Combination	-6.538	0.156	3.686E-03	0.0026	-0.0012
323	0.	DIS34	Combination	-7.182	0.171	4.052E-03	0.0029	1.916E-05
323	0.16	DIS34	Combination	-7.179	0.171	4.052E-03	0.0029	-6.292E-04
323	0.32	DIS34	Combination	-7.177	0.171	4.052E-03	0.0029	-0.0013
323	0.	DIS35	Combination	-6.543	0.156	3.686E-03	0.0026	1.745E-05
323	0.16	DIS35	Combination	-6.54	0.156	3.686E-03	0.0026	-5.724E-04
323	0.32	DIS35	Combination	-6.538	0.156	3.686E-03	0.0026	-0.0012
323	0.	DIS36	Combination	-6.543	0.156	3.686E-03	0.0026	1.745E-05
323	0.16	DIS36	Combination	-6.54	0.156	3.686E-03	0.0026	-5.724E-04
323	0.32	DIS36	Combination	-6.538	0.156	3.686E-03	0.0026	-0.0012
323	0.	DIS37	Combination	-7.182	0.171	4.052E-03	0.0029	1.916E-05
323	0.16	DIS37	Combination	-7.179	0.171	4.052E-03	0.0029	-6.292E-04
323	0.32	DIS37	Combination	-7.177	0.171	4.052E-03	0.0029	-0.0013
323	0.	DIS38	Combination	-9.953	0.238	5.638E-03	0.004	2.659E-05
323	0.16	DIS38	Combination	-9.951	0.238	5.638E-03	0.004	-8.754E-04
323	0.32	DIS38	Combination	-9.948	0.238	5.638E-03	0.004	-0.0018
323	0.	DIS39	Combination	-9.953	0.238	5.638E-03	0.004	2.659E-05
323	0.16	DIS39	Combination	-9.951	0.238	5.638E-03	0.004	-8.754E-04
323	0.32	DIS39	Combination	-9.948	0.238	5.638E-03	0.004	-0.0018

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
323	0.	DIS40	Combination	-11.182	0.268	6.341E-03	0.0045	2.988E-05
323	0.16	DIS40	Combination	-11.18	0.268	6.341E-03	0.0045	-9.847E-04
323	0.32	DIS40	Combination	-11.177	0.268	6.341E-03	0.0045	-0.002
323	0.	DIS41	Combination	-7.772	0.185	4.389E-03	0.0031	2.074E-05
323	0.16	DIS41	Combination	-7.769	0.185	4.389E-03	0.0031	-6.816E-04
323	0.32	DIS41	Combination	-7.766	0.185	4.389E-03	0.0031	-0.0014
323	0.	DIS42	Combination	-7.772	0.185	4.389E-03	0.0031	2.074E-05
323	0.16	DIS42	Combination	-7.769	0.185	4.389E-03	0.0031	-6.816E-04
323	0.32	DIS42	Combination	-7.766	0.185	4.389E-03	0.0031	-0.0014
323	0.	DIS43	Combination	-9.	0.215	5.093E-03	0.0036	2.403E-05
323	0.16	DIS43	Combination	-8.998	0.215	5.093E-03	0.0036	-7.908E-04
323	0.32	DIS43	Combination	-8.995	0.215	5.093E-03	0.0036	-0.0016
323	0.	DIS44	Combination	-7.772	0.185	4.389E-03	0.0031	2.074E-05
323	0.16	DIS44	Combination	-7.769	0.185	4.389E-03	0.0031	-6.816E-04
323	0.32	DIS44	Combination	-7.766	0.185	4.389E-03	0.0031	-0.0014
323	0.	DIS45	Combination	-7.772	0.185	4.389E-03	0.0031	2.074E-05
323	0.16	DIS45	Combination	-7.769	0.185	4.389E-03	0.0031	-6.816E-04
323	0.32	DIS45	Combination	-7.766	0.185	4.389E-03	0.0031	-0.0014
323	0.	DIS46	Combination	-9.	0.215	5.093E-03	0.0036	2.403E-05
323	0.16	DIS46	Combination	-8.998	0.215	5.093E-03	0.0036	-7.908E-04
323	0.32	DIS46	Combination	-8.995	0.215	5.093E-03	0.0036	-0.0016
323	0.	DIS47	Combination	-5.315	0.126	2.983E-03	0.0021	1.415E-05
323	0.16	DIS47	Combination	-5.312	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS47	Combination	-5.31	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS48	Combination	-5.313	0.126	2.983E-03	0.0021	1.416E-05
323	0.16	DIS48	Combination	-5.31	0.126	2.983E-03	0.0021	-4.632E-04
323	0.32	DIS48	Combination	-5.308	0.126	2.983E-03	0.0021	-9.405E-04
323	0.	DIS49	Combination	-5.301	0.116	-6.392E-03	0.0019	0.0024
323	0.16	DIS49	Combination	-5.299	0.116	-6.397E-03	0.0019	0.0034
323	0.32	DIS49	Combination	-5.296	0.116	-6.402E-03	0.0019	0.0044
323	0.	DIS50	Combination	-5.326	0.135	0.012	0.0023	-0.0023
323	0.16	DIS50	Combination	-5.324	0.135	0.012	0.0023	-0.0043
323	0.32	DIS50	Combination	-5.321	0.135	0.012	0.0023	-0.0063
323	0.	DIS51	Combination	-6.443	0.154	3.644E-03	0.0026	1.720E-05
323	0.16	DIS51	Combination	-6.441	0.154	3.644E-03	0.0026	-5.658E-04
323	0.32	DIS51	Combination	-6.439	0.154	3.644E-03	0.0026	-0.0011
323	0.	DIS52	Combination	-6.443	0.154	3.644E-03	0.0026	1.720E-05
323	0.16	DIS52	Combination	-6.441	0.154	3.644E-03	0.0026	-5.658E-04
323	0.32	DIS52	Combination	-6.439	0.154	3.644E-03	0.0026	-0.0011
323	0.	DIS53	Combination	-7.672	0.183	4.347E-03	0.0031	2.050E-05
323	0.16	DIS53	Combination	-7.67	0.183	4.347E-03	0.0031	-6.750E-04
323	0.32	DIS53	Combination	-7.668	0.183	4.347E-03	0.0031	-0.0014
323	0.	DIS54	Combination	-3.986	0.094	2.237E-03	0.0016	1.061E-05
323	0.16	DIS54	Combination	-3.984	0.094	2.237E-03	0.0016	-3.474E-04
323	0.32	DIS54	Combination	-3.982	0.094	2.237E-03	0.0016	-7.053E-04
323	0.	DIS55	Combination	-3.985	0.094	2.238E-03	0.0016	1.062E-05
323	0.16	DIS55	Combination	-3.983	0.094	2.238E-03	0.0016	-3.474E-04
323	0.32	DIS55	Combination	-3.981	0.094	2.238E-03	0.0016	-7.054E-04
323	0.	DIS56	Combination	-3.976	0.087	-4.794E-03	0.0015	0.0018
323	0.16	DIS56	Combination	-3.974	0.087	-4.798E-03	0.0015	0.0025
323	0.32	DIS56	Combination	-3.972	0.087	-4.802E-03	0.0015	0.0033
323	0.	DIS57	Combination	-3.995	0.102	9.269E-03	0.0017	-0.0017
323	0.16	DIS57	Combination	-3.993	0.102	9.273E-03	0.0017	-0.0032
323	0.32	DIS57	Combination	-3.991	0.102	9.277E-03	0.0017	-0.0047

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
336	0.	DEAD	LinStatic	0.105	-0.049	2.486E-03	1.179E-05	-0.0018
336	0.45	DEAD	LinStatic	0.105	-0.041	2.486E-03	1.179E-05	-0.0029
336	0.	L	LinStatic	0.	0.	0.	0.	0.
336	0.45	L	LinStatic	0.	0.	0.	0.	0.
336	0.	Lr	LinStatic	0.105	-0.047	2.497E-03	1.169E-05	-0.0018
336	0.45	Lr	LinStatic	0.105	-0.047	2.497E-03	1.169E-05	-0.0029
336	0.	G	LinStatic	0.	0.	0.	0.	0.
336	0.45	G	LinStatic	0.	0.	0.	0.	0.
336	0.	Le	LinStatic	0.	0.	0.	0.	0.
336	0.45	Le	LinStatic	0.	0.	0.	0.	0.
336	0.	Wx	LinStatic	0.059	-0.026	1.406E-03	6.587E-06	-0.001
336	0.45	Wx	LinStatic	0.059	-0.026	1.406E-03	6.587E-06	-0.0016
336	0.	Wy	LinStatic	0.059	-0.026	1.406E-03	6.587E-06	-0.001
336	0.45	Wy	LinStatic	0.059	-0.026	1.406E-03	6.587E-06	-0.0016
336	0.	CFx D	LinStatic	0.018	7.796E-06	2.121E-07	9.660E-09	-3.592E-08
336	0.45	CFx D	LinStatic	0.018	7.796E-06	2.121E-07	9.660E-09	-1.314E-07
336	0.	CFy D	LinStatic	-4.769E-03	-3.662E-03	-7.324E-03	0.	0.
336	0.45	CFy D	LinStatic	-4.769E-03	-3.662E-03	-7.308E-03	0.	0.0033
336	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
336	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
336	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
336	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
336	0.	CFx Lr	LinStatic	0.018	6.182E-06	1.996E-07	8.667E-09	-4.413E-08
336	0.45	CFx Lr	LinStatic	0.018	6.182E-06	1.996E-07	8.667E-09	-1.339E-07
336	0.	CFy Lr	LinStatic	-4.026E-03	-3.418E-03	-7.324E-03	1.526E-05	1.221E-04
336	0.45	CFy Lr	LinStatic	-4.026E-03	-3.418E-03	-7.324E-03	1.526E-05	0.0034
336	0.	DIS01	Combination	0.172	-0.068	3.481E-03	1.653E-05	-0.0025
336	0.45	DIS01	Combination	0.172	-0.057	3.481E-03	1.653E-05	-0.004
336	0.	DIS02	Combination	0.122	-0.068	3.480E-03	1.650E-05	-0.0025
336	0.45	DIS02	Combination	0.122	-0.057	3.480E-03	1.650E-05	-0.004
336	0.	DIS03	Combination	0.14	-0.074	-6.773E-03	1.651E-05	-0.0025
336	0.45	DIS03	Combination	0.14	-0.062	-6.751E-03	1.651E-05	5.634E-04
336	0.	DIS04	Combination	0.153	-0.063	0.014	1.651E-05	-0.0025
336	0.45	DIS04	Combination	0.153	-0.052	0.014	1.651E-05	-0.0087
336	0.	DIS05	Combination	0.209	-0.082	4.232E-03	2.002E-05	-0.003
336	0.45	DIS05	Combination	0.209	-0.072	4.232E-03	2.002E-05	-0.0049
336	0.	DIS06	Combination	0.148	-0.082	4.231E-03	1.998E-05	-0.003
336	0.45	DIS06	Combination	0.148	-0.072	4.231E-03	1.998E-05	-0.0049
336	0.	DIS07	Combination	0.171	-0.088	-8.220E-03	2.763E-05	-0.003
336	0.45	DIS07	Combination	0.171	-0.078	-8.200E-03	2.763E-05	7.345E-04
336	0.	DIS08	Combination	0.186	-0.076	0.017	1.237E-05	-0.0031
336	0.45	DIS08	Combination	0.186	-0.066	0.017	1.237E-05	-0.0106
336	0.	DIS09	Combination	0.147	-0.059	2.984E-03	1.416E-05	-0.0021
336	0.45	DIS09	Combination	0.147	-0.049	2.984E-03	1.416E-05	-0.0035
336	0.	DIS10	Combination	0.104	-0.059	2.983E-03	1.414E-05	-0.0021
336	0.45	DIS10	Combination	0.104	-0.049	2.983E-03	1.414E-05	-0.0035
336	0.	DIS11	Combination	0.12	-0.063	-5.806E-03	1.415E-05	-0.0021
336	0.45	DIS11	Combination	0.12	-0.053	-5.787E-03	1.415E-05	4.829E-04
336	0.	DIS12	Combination	0.132	-0.054	0.012	1.415E-05	-0.0021
336	0.45	DIS12	Combination	0.132	-0.045	0.012	1.415E-05	-0.0074
336	0.	DIS13	Combination	0.147	-0.059	2.984E-03	1.416E-05	-0.0021
336	0.45	DIS13	Combination	0.147	-0.049	2.984E-03	1.416E-05	-0.0035
336	0.	DIS14	Combination	0.104	-0.059	2.983E-03	1.414E-05	-0.0021
336	0.45	DIS14	Combination	0.104	-0.049	2.983E-03	1.414E-05	-0.0035

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
336	0.	DIS15	Combination	0.12	-0.063	-5.806E-03	1.415E-05	-0.0021
336	0.45	DIS15	Combination	0.12	-0.053	-5.787E-03	1.415E-05	4.829E-04
336	0.	DIS16	Combination	0.132	-0.054	0.012	1.415E-05	-0.0021
336	0.45	DIS16	Combination	0.132	-0.045	0.012	1.415E-05	-0.0074
336	0.	DIS17	Combination	0.344	-0.133	6.978E-03	3.289E-05	-0.005
336	0.45	DIS17	Combination	0.344	-0.124	6.978E-03	3.289E-05	-0.0081
336	0.	DIS18	Combination	0.245	-0.133	6.977E-03	3.284E-05	-0.005
336	0.45	DIS18	Combination	0.245	-0.124	6.977E-03	3.284E-05	-0.0081
336	0.	DIS19	Combination	0.282	-0.143	-0.014	5.728E-05	-0.0048
336	0.45	DIS19	Combination	0.282	-0.134	-0.014	5.728E-05	0.0013
336	0.	DIS20	Combination	0.307	-0.123	0.027	8.450E-06	-0.0052
336	0.45	DIS20	Combination	0.307	-0.114	0.027	8.450E-06	-0.0176
336	0.	DIS21	Combination	0.147	-0.059	2.984E-03	1.416E-05	-0.0021
336	0.45	DIS21	Combination	0.147	-0.049	2.984E-03	1.416E-05	-0.0035
336	0.	DIS22	Combination	0.104	-0.059	2.983E-03	1.414E-05	-0.0021
336	0.45	DIS22	Combination	0.104	-0.049	2.983E-03	1.414E-05	-0.0035
336	0.	DIS23	Combination	0.12	-0.063	-5.806E-03	1.415E-05	-0.0021
336	0.45	DIS23	Combination	0.12	-0.053	-5.787E-03	1.415E-05	4.829E-04
336	0.	DIS24	Combination	0.132	-0.054	0.012	1.415E-05	-0.0021
336	0.45	DIS24	Combination	0.132	-0.045	0.012	1.415E-05	-0.0074
336	0.	DIS25	Combination	0.147	-0.059	2.984E-03	1.416E-05	-0.0021
336	0.45	DIS25	Combination	0.147	-0.049	2.984E-03	1.416E-05	-0.0035
336	0.	DIS26	Combination	0.104	-0.059	2.983E-03	1.414E-05	-0.0021
336	0.45	DIS26	Combination	0.104	-0.049	2.983E-03	1.414E-05	-0.0035
336	0.	DIS27	Combination	0.12	-0.063	-5.806E-03	1.415E-05	-0.0021
336	0.45	DIS27	Combination	0.12	-0.053	-5.787E-03	1.415E-05	4.829E-04
336	0.	DIS28	Combination	0.132	-0.054	0.012	1.415E-05	-0.0021
336	0.45	DIS28	Combination	0.132	-0.045	0.012	1.415E-05	-0.0074
336	0.	DIS29	Combination	0.324	-0.146	7.681E-03	3.616E-05	-0.0055
336	0.45	DIS29	Combination	0.324	-0.137	7.681E-03	3.616E-05	-0.009
336	0.	DIS30	Combination	0.324	-0.146	7.681E-03	3.616E-05	-0.0055
336	0.45	DIS30	Combination	0.324	-0.137	7.681E-03	3.616E-05	-0.009
336	0.	DIS31	Combination	0.34	-0.153	8.046E-03	3.787E-05	-0.0058
336	0.45	DIS31	Combination	0.34	-0.144	8.046E-03	3.787E-05	-0.0094
336	0.	DIS32	Combination	0.156	-0.072	3.686E-03	1.745E-05	-0.0026
336	0.45	DIS32	Combination	0.156	-0.062	3.686E-03	1.745E-05	-0.0043
336	0.	DIS33	Combination	0.156	-0.072	3.686E-03	1.745E-05	-0.0026
336	0.45	DIS33	Combination	0.156	-0.062	3.686E-03	1.745E-05	-0.0043
336	0.	DIS34	Combination	0.171	-0.079	4.052E-03	1.916E-05	-0.0029
336	0.45	DIS34	Combination	0.171	-0.069	4.052E-03	1.916E-05	-0.0047
336	0.	DIS35	Combination	0.156	-0.072	3.686E-03	1.745E-05	-0.0026
336	0.45	DIS35	Combination	0.156	-0.062	3.686E-03	1.745E-05	-0.0043
336	0.	DIS36	Combination	0.156	-0.072	3.686E-03	1.745E-05	-0.0026
336	0.45	DIS36	Combination	0.156	-0.062	3.686E-03	1.745E-05	-0.0043
336	0.	DIS37	Combination	0.171	-0.079	4.052E-03	1.916E-05	-0.0029
336	0.45	DIS37	Combination	0.171	-0.069	4.052E-03	1.916E-05	-0.0047
336	0.	DIS38	Combination	0.238	-0.108	5.638E-03	2.659E-05	-0.004
336	0.45	DIS38	Combination	0.238	-0.099	5.638E-03	2.659E-05	-0.0066
336	0.	DIS39	Combination	0.238	-0.108	5.638E-03	2.659E-05	-0.004
336	0.45	DIS39	Combination	0.238	-0.099	5.638E-03	2.659E-05	-0.0066
336	0.	DIS40	Combination	0.268	-0.121	6.341E-03	2.988E-05	-0.0045
336	0.45	DIS40	Combination	0.268	-0.112	6.341E-03	2.988E-05	-0.0074
336	0.	DIS41	Combination	0.185	-0.085	4.389E-03	2.074E-05	-0.0031
336	0.45	DIS41	Combination	0.185	-0.075	4.389E-03	2.074E-05	-0.0051

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
336	0.	DIS42	Combination	0.185	-0.085	4.389E-03	2.074E-05	-0.0031
336	0.45	DIS42	Combination	0.185	-0.075	4.389E-03	2.074E-05	-0.0051
336	0.	DIS43	Combination	0.215	-0.098	5.093E-03	2.403E-05	-0.0036
336	0.45	DIS43	Combination	0.215	-0.088	5.093E-03	2.403E-05	-0.0059
336	0.	DIS44	Combination	0.185	-0.085	4.389E-03	2.074E-05	-0.0031
336	0.45	DIS44	Combination	0.185	-0.075	4.389E-03	2.074E-05	-0.0051
336	0.	DIS45	Combination	0.185	-0.085	4.389E-03	2.074E-05	-0.0031
336	0.45	DIS45	Combination	0.185	-0.075	4.389E-03	2.074E-05	-0.0051
336	0.	DIS46	Combination	0.215	-0.098	5.093E-03	2.403E-05	-0.0036
336	0.45	DIS46	Combination	0.215	-0.088	5.093E-03	2.403E-05	-0.0059
336	0.	DIS47	Combination	0.147	-0.059	2.984E-03	1.416E-05	-0.0021
336	0.45	DIS47	Combination	0.147	-0.049	2.984E-03	1.416E-05	-0.0035
336	0.	DIS48	Combination	0.104	-0.059	2.983E-03	1.414E-05	-0.0021
336	0.45	DIS48	Combination	0.104	-0.049	2.983E-03	1.414E-05	-0.0035
336	0.	DIS49	Combination	0.12	-0.063	-5.806E-03	1.415E-05	-0.0021
336	0.45	DIS49	Combination	0.12	-0.053	-5.787E-03	1.415E-05	4.829E-04
336	0.	DIS50	Combination	0.132	-0.054	0.012	1.415E-05	-0.0021
336	0.45	DIS50	Combination	0.132	-0.045	0.012	1.415E-05	-0.0074
336	0.	DIS51	Combination	0.154	-0.07	3.644E-03	1.720E-05	-0.0026
336	0.45	DIS51	Combination	0.154	-0.063	3.644E-03	1.720E-05	-0.0042
336	0.	DIS52	Combination	0.154	-0.07	3.644E-03	1.720E-05	-0.0026
336	0.45	DIS52	Combination	0.154	-0.063	3.644E-03	1.720E-05	-0.0042
336	0.	DIS53	Combination	0.183	-0.083	4.347E-03	2.050E-05	-0.0031
336	0.45	DIS53	Combination	0.183	-0.076	4.347E-03	2.050E-05	-0.0051
336	0.	DIS54	Combination	0.11	-0.044	2.238E-03	1.062E-05	-0.0016
336	0.45	DIS54	Combination	0.11	-0.037	2.238E-03	1.062E-05	-0.0026
336	0.	DIS55	Combination	0.078	-0.044	2.237E-03	1.061E-05	-0.0016
336	0.45	DIS55	Combination	0.078	-0.037	2.237E-03	1.061E-05	-0.0026
336	0.	DIS56	Combination	0.09	-0.047	-4.354E-03	1.061E-05	-0.0016
336	0.45	DIS56	Combination	0.09	-0.04	-4.340E-03	1.061E-05	3.622E-04
336	0.	DIS57	Combination	0.099	-0.041	8.829E-03	1.061E-05	-0.0016
336	0.45	DIS57	Combination	0.099	-0.033	8.815E-03	1.061E-05	-0.0056
337	0.	DEAD	LinStatic	11.254	-0.014	-2.096E-03	-7.117E-05	-0.0015
337	0.45	DEAD	LinStatic	11.254	-6.291E-03	-2.096E-03	-7.117E-05	-5.582E-04
337	0.9	DEAD	LinStatic	11.254	1.752E-03	-2.096E-03	-7.117E-05	3.850E-04
337	0.	L	LinStatic	0.	0.	0.	0.	0.
337	0.45	L	LinStatic	0.	0.	0.	0.	0.
337	0.9	L	LinStatic	0.	0.	0.	0.	0.
337	0.	Lr	LinStatic	11.105	-6.606E-03	-2.137E-03	-7.229E-05	-0.0015
337	0.45	Lr	LinStatic	11.105	-6.606E-03	-2.137E-03	-7.229E-05	-5.831E-04
337	0.9	Lr	LinStatic	11.105	-6.606E-03	-2.137E-03	-7.229E-05	3.786E-04
337	0.	G	LinStatic	0.	0.	0.	0.	0.
337	0.45	G	LinStatic	0.	0.	0.	0.	0.
337	0.9	G	LinStatic	0.	0.	0.	0.	0.
337	0.	Le	LinStatic	0.	0.	0.	0.	0.
337	0.45	Le	LinStatic	0.	0.	0.	0.	0.
337	0.9	Le	LinStatic	0.	0.	0.	0.	0.
337	0.	Wx	LinStatic	6.255	-3.721E-03	-1.204E-03	-4.072E-05	-8.701E-04
337	0.45	Wx	LinStatic	6.255	-3.721E-03	-1.204E-03	-4.072E-05	-3.285E-04
337	0.9	Wx	LinStatic	6.255	-3.721E-03	-1.204E-03	-4.072E-05	2.132E-04
337	0.	Wy	LinStatic	6.255	-3.721E-03	-1.204E-03	-4.072E-05	-8.701E-04
337	0.45	Wy	LinStatic	6.255	-3.721E-03	-1.204E-03	-4.072E-05	-3.285E-04
337	0.9	Wy	LinStatic	6.255	-3.721E-03	-1.204E-03	-4.072E-05	2.132E-04
337	0.	CFx D	LinStatic	0.016	-1.837E-06	-1.341E-07	-2.639E-09	-1.568E-07

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
337	0.45	CFx D	LinStatic	0.016	-1.837E-06	-1.341E-07	-2.639E-09	-9.648E-08
337	0.9	CFx D	LinStatic	0.016	-1.837E-06	-1.341E-07	-2.639E-09	-3.614E-08
337	0.	CFy D	LinStatic	-0.042	-2.808E-03	-4.639E-03	1.526E-05	0.0032
337	0.45	CFy D	LinStatic	-0.042	-2.808E-03	-4.623E-03	1.526E-05	0.0053
337	0.9	CFy D	LinStatic	-0.042	-2.808E-03	-4.606E-03	1.526E-05	0.0073
337	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
337	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
337	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
337	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
337	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
337	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
337	0.	CFx Lr	LinStatic	0.015	-2.586E-06	-1.574E-07	-3.585E-09	-1.682E-07
337	0.45	CFx Lr	LinStatic	0.015	-2.586E-06	-1.574E-07	-3.585E-09	-9.731E-08
337	0.9	CFx Lr	LinStatic	0.015	-2.586E-06	-1.574E-07	-3.585E-09	-2.646E-08
337	0.	CFy Lr	LinStatic	-0.043	-2.197E-03	-4.395E-03	3.052E-05	0.0033
337	0.45	CFy Lr	LinStatic	-0.043	-2.197E-03	-4.395E-03	3.052E-05	0.0053
337	0.9	CFy Lr	LinStatic	-0.043	-2.197E-03	-4.395E-03	3.052E-05	0.0073
337	0.	DIS01	Combination	15.777	-0.02	-2.935E-03	-9.964E-05	-0.0021
337	0.45	DIS01	Combination	15.777	-8.810E-03	-2.935E-03	-9.964E-05	-7.816E-04
337	0.9	DIS01	Combination	15.777	2.450E-03	-2.935E-03	-9.964E-05	5.390E-04
337	0.	DIS02	Combination	15.733	-0.02	-2.934E-03	-9.963E-05	-0.0021
337	0.45	DIS02	Combination	15.733	-8.805E-03	-2.934E-03	-9.963E-05	-7.813E-04
337	0.9	DIS02	Combination	15.733	2.455E-03	-2.934E-03	-9.963E-05	5.391E-04
337	0.	DIS03	Combination	15.696	-0.024	-9.429E-03	-7.827E-05	0.0023
337	0.45	DIS03	Combination	15.696	-0.013	-9.406E-03	-7.827E-05	0.0066
337	0.9	DIS03	Combination	15.696	-1.478E-03	-9.384E-03	-7.827E-05	0.0108
337	0.	DIS04	Combination	15.814	-0.016	3.560E-03	-1.210E-04	-0.0065
337	0.45	DIS04	Combination	15.814	-4.877E-03	3.537E-03	-1.210E-04	-0.0081
337	0.9	DIS04	Combination	15.814	6.384E-03	3.515E-03	-1.210E-04	-0.0097
337	0.	DIS05	Combination	19.084	-0.021	-3.584E-03	-1.216E-04	-0.0026
337	0.45	DIS05	Combination	19.084	-0.011	-3.584E-03	-1.216E-04	-9.616E-04
337	0.9	DIS05	Combination	19.084	-1.204E-03	-3.584E-03	-1.216E-04	6.513E-04
337	0.	DIS06	Combination	19.031	-0.021	-3.584E-03	-1.215E-04	-0.0026
337	0.45	DIS06	Combination	19.031	-0.011	-3.584E-03	-1.215E-04	-9.612E-04
337	0.9	DIS06	Combination	19.031	-1.197E-03	-3.584E-03	-1.215E-04	6.514E-04
337	0.	DIS07	Combination	18.985	-0.025	-0.011	-8.798E-05	0.0029
337	0.45	DIS07	Combination	18.985	-0.015	-0.011	-8.798E-05	0.008
337	0.9	DIS07	Combination	18.985	-5.668E-03	-0.011	-8.798E-05	0.0131
337	0.	DIS08	Combination	19.129	-0.016	4.180E-03	-1.551E-04	-0.008
337	0.45	DIS08	Combination	19.129	-6.385E-03	4.161E-03	-1.551E-04	-0.0099
337	0.9	DIS08	Combination	19.129	3.267E-03	4.141E-03	-1.551E-04	-0.0118
337	0.	DIS09	Combination	13.523	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS09	Combination	13.523	-7.551E-03	-2.515E-03	-8.540E-05	-6.699E-04
337	0.9	DIS09	Combination	13.523	2.100E-03	-2.515E-03	-8.540E-05	4.620E-04
337	0.	DIS10	Combination	13.486	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS10	Combination	13.486	-7.547E-03	-2.515E-03	-8.540E-05	-6.697E-04
337	0.9	DIS10	Combination	13.486	2.105E-03	-2.515E-03	-8.540E-05	4.621E-04
337	0.	DIS11	Combination	13.454	-0.021	-8.082E-03	-6.709E-05	0.002
337	0.45	DIS11	Combination	13.454	-0.011	-8.062E-03	-6.709E-05	0.0056
337	0.9	DIS11	Combination	13.454	-1.267E-03	-8.043E-03	-6.709E-05	0.0093
337	0.	DIS12	Combination	13.555	-0.014	3.051E-03	-1.037E-04	-0.0056
337	0.45	DIS12	Combination	13.555	-4.180E-03	3.032E-03	-1.037E-04	-0.007
337	0.9	DIS12	Combination	13.555	5.472E-03	3.013E-03	-1.037E-04	-0.0083
337	0.	DIS13	Combination	13.523	-0.017	-2.515E-03	-8.540E-05	-0.0018

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
337	0.45	DIS13	Combination	13.523	-7.551E-03	-2.515E-03	-8.540E-05	-6.699E-04
337	0.9	DIS13	Combination	13.523	2.100E-03	-2.515E-03	-8.540E-05	4.620E-04
337	0.	DIS14	Combination	13.486	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS14	Combination	13.486	-7.547E-03	-2.515E-03	-8.540E-05	-6.697E-04
337	0.9	DIS14	Combination	13.486	2.105E-03	-2.515E-03	-8.540E-05	4.621E-04
337	0.	DIS15	Combination	13.454	-0.021	-8.082E-03	-6.709E-05	0.002
337	0.45	DIS15	Combination	13.454	-0.011	-8.062E-03	-6.709E-05	0.0056
337	0.9	DIS15	Combination	13.454	-1.267E-03	-8.043E-03	-6.709E-05	0.0093
337	0.	DIS16	Combination	13.555	-0.014	3.051E-03	-1.037E-04	-0.0056
337	0.45	DIS16	Combination	13.555	-4.180E-03	3.032E-03	-1.037E-04	-0.007
337	0.9	DIS16	Combination	13.555	5.472E-03	3.013E-03	-1.037E-04	-0.0083
337	0.	DIS17	Combination	31.316	-0.028	-5.935E-03	-2.011E-04	-0.0043
337	0.45	DIS17	Combination	31.316	-0.018	-5.935E-03	-2.011E-04	-0.0016
337	0.9	DIS17	Combination	31.316	-8.474E-03	-5.935E-03	-2.011E-04	0.0011
337	0.	DIS18	Combination	31.229	-0.028	-5.934E-03	-2.011E-04	-0.0043
337	0.45	DIS18	Combination	31.229	-0.018	-5.934E-03	-2.011E-04	-0.0016
337	0.9	DIS18	Combination	31.229	-8.461E-03	-5.934E-03	-2.011E-04	0.0011
337	0.	DIS19	Combination	31.154	-0.035	-0.019	-1.339E-04	0.0048
337	0.45	DIS19	Combination	31.154	-0.025	-0.019	-1.339E-04	0.0131
337	0.9	DIS19	Combination	31.154	-0.015	-0.018	-1.339E-04	0.0215
337	0.	DIS20	Combination	31.391	-0.021	6.663E-03	-2.682E-04	-0.0134
337	0.45	DIS20	Combination	31.391	-0.011	6.644E-03	-2.682E-04	-0.0163
337	0.9	DIS20	Combination	31.391	-1.583E-03	6.624E-03	-2.682E-04	-0.0193
337	0.	DIS21	Combination	13.523	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS21	Combination	13.523	-7.551E-03	-2.515E-03	-8.540E-05	-6.699E-04
337	0.9	DIS21	Combination	13.523	2.100E-03	-2.515E-03	-8.540E-05	4.620E-04
337	0.	DIS22	Combination	13.486	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS22	Combination	13.486	-7.547E-03	-2.515E-03	-8.540E-05	-6.697E-04
337	0.9	DIS22	Combination	13.486	2.105E-03	-2.515E-03	-8.540E-05	4.621E-04
337	0.	DIS23	Combination	13.454	-0.021	-8.082E-03	-6.709E-05	0.002
337	0.45	DIS23	Combination	13.454	-0.011	-8.062E-03	-6.709E-05	0.0056
337	0.9	DIS23	Combination	13.454	-1.267E-03	-8.043E-03	-6.709E-05	0.0093
337	0.	DIS24	Combination	13.555	-0.014	3.051E-03	-1.037E-04	-0.0056
337	0.45	DIS24	Combination	13.555	-4.180E-03	3.032E-03	-1.037E-04	-0.007
337	0.9	DIS24	Combination	13.555	5.472E-03	3.013E-03	-1.037E-04	-0.0083
337	0.	DIS25	Combination	13.523	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS25	Combination	13.523	-7.551E-03	-2.515E-03	-8.540E-05	-6.699E-04
337	0.9	DIS25	Combination	13.523	2.100E-03	-2.515E-03	-8.540E-05	4.620E-04
337	0.	DIS26	Combination	13.486	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS26	Combination	13.486	-7.547E-03	-2.515E-03	-8.540E-05	-6.697E-04
337	0.9	DIS26	Combination	13.486	2.105E-03	-2.515E-03	-8.540E-05	4.621E-04
337	0.	DIS27	Combination	13.454	-0.021	-8.082E-03	-6.709E-05	0.002
337	0.45	DIS27	Combination	13.454	-0.011	-8.062E-03	-6.709E-05	0.0056
337	0.9	DIS27	Combination	13.454	-1.267E-03	-8.043E-03	-6.709E-05	0.0093
337	0.	DIS28	Combination	13.555	-0.014	3.051E-03	-1.037E-04	-0.0056
337	0.45	DIS28	Combination	13.555	-4.180E-03	3.032E-03	-1.037E-04	-0.007
337	0.9	DIS28	Combination	13.555	5.472E-03	3.013E-03	-1.037E-04	-0.0083
337	0.	DIS29	Combination	34.4	-0.03	-6.536E-03	-2.214E-04	-0.0047
337	0.45	DIS29	Combination	34.4	-0.02	-6.536E-03	-2.214E-04	-0.0018
337	0.9	DIS29	Combination	34.4	-0.01	-6.536E-03	-2.214E-04	0.0012
337	0.	DIS30	Combination	34.4	-0.03	-6.536E-03	-2.214E-04	-0.0047
337	0.45	DIS30	Combination	34.4	-0.02	-6.536E-03	-2.214E-04	-0.0018
337	0.9	DIS30	Combination	34.4	-0.01	-6.536E-03	-2.214E-04	0.0012
337	0.	DIS31	Combination	36.027	-0.031	-6.849E-03	-2.320E-04	-0.0049

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
337	0.45	DIS31	Combination	36.027	-0.021	-6.849E-03	-2.320E-04	-0.0019
337	0.9	DIS31	Combination	36.027	-0.011	-6.849E-03	-2.320E-04	0.0012
337	0.	DIS32	Combination	16.632	-0.019	-3.117E-03	-1.058E-04	-0.0022
337	0.45	DIS32	Combination	16.632	-9.410E-03	-3.117E-03	-1.058E-04	-8.341E-04
337	0.9	DIS32	Combination	16.632	2.419E-04	-3.117E-03	-1.058E-04	5.687E-04
337	0.	DIS33	Combination	16.632	-0.019	-3.117E-03	-1.058E-04	-0.0022
337	0.45	DIS33	Combination	16.632	-9.410E-03	-3.117E-03	-1.058E-04	-8.341E-04
337	0.9	DIS33	Combination	16.632	2.419E-04	-3.117E-03	-1.058E-04	5.687E-04
337	0.	DIS34	Combination	18.258	-0.02	-3.430E-03	-1.163E-04	-0.0025
337	0.45	DIS34	Combination	18.258	-0.01	-3.430E-03	-1.163E-04	-9.195E-04
337	0.9	DIS34	Combination	18.258	-7.256E-04	-3.430E-03	-1.163E-04	6.241E-04
337	0.	DIS35	Combination	16.632	-0.019	-3.117E-03	-1.058E-04	-0.0022
337	0.45	DIS35	Combination	16.632	-9.410E-03	-3.117E-03	-1.058E-04	-8.341E-04
337	0.9	DIS35	Combination	16.632	2.419E-04	-3.117E-03	-1.058E-04	5.687E-04
337	0.	DIS36	Combination	16.632	-0.019	-3.117E-03	-1.058E-04	-0.0022
337	0.45	DIS36	Combination	16.632	-9.410E-03	-3.117E-03	-1.058E-04	-8.341E-04
337	0.9	DIS36	Combination	16.632	2.419E-04	-3.117E-03	-1.058E-04	5.687E-04
337	0.	DIS37	Combination	18.258	-0.02	-3.430E-03	-1.163E-04	-0.0025
337	0.45	DIS37	Combination	18.258	-0.01	-3.430E-03	-1.163E-04	-9.195E-04
337	0.9	DIS37	Combination	18.258	-7.256E-04	-3.430E-03	-1.163E-04	6.241E-04
337	0.	DIS38	Combination	25.312	-0.024	-4.788E-03	-1.623E-04	-0.0034
337	0.45	DIS38	Combination	25.312	-0.015	-4.788E-03	-1.623E-04	-0.0013
337	0.9	DIS38	Combination	25.312	-4.922E-03	-4.788E-03	-1.623E-04	8.645E-04
337	0.	DIS39	Combination	25.312	-0.024	-4.788E-03	-1.623E-04	-0.0034
337	0.45	DIS39	Combination	25.312	-0.015	-4.788E-03	-1.623E-04	-0.0013
337	0.9	DIS39	Combination	25.312	-4.922E-03	-4.788E-03	-1.623E-04	8.645E-04
337	0.	DIS40	Combination	28.44	-0.026	-5.389E-03	-1.826E-04	-0.0039
337	0.45	DIS40	Combination	28.44	-0.016	-5.389E-03	-1.826E-04	-0.0015
337	0.9	DIS40	Combination	28.44	-6.782E-03	-5.389E-03	-1.826E-04	9.712E-04
337	0.	DIS41	Combination	19.76	-0.021	-3.719E-03	-1.261E-04	-0.0027
337	0.45	DIS41	Combination	19.76	-0.011	-3.719E-03	-1.261E-04	-9.983E-04
337	0.9	DIS41	Combination	19.76	-1.619E-03	-3.719E-03	-1.261E-04	6.753E-04
337	0.	DIS42	Combination	19.76	-0.021	-3.719E-03	-1.261E-04	-0.0027
337	0.45	DIS42	Combination	19.76	-0.011	-3.719E-03	-1.261E-04	-9.983E-04
337	0.9	DIS42	Combination	19.76	-1.619E-03	-3.719E-03	-1.261E-04	6.753E-04
337	0.	DIS43	Combination	22.887	-0.023	-4.321E-03	-1.465E-04	-0.0031
337	0.45	DIS43	Combination	22.887	-0.013	-4.321E-03	-1.465E-04	-0.0012
337	0.9	DIS43	Combination	22.887	-3.479E-03	-4.321E-03	-1.465E-04	7.819E-04
337	0.	DIS44	Combination	19.76	-0.021	-3.719E-03	-1.261E-04	-0.0027
337	0.45	DIS44	Combination	19.76	-0.011	-3.719E-03	-1.261E-04	-9.983E-04
337	0.9	DIS44	Combination	19.76	-1.619E-03	-3.719E-03	-1.261E-04	6.753E-04
337	0.	DIS45	Combination	19.76	-0.021	-3.719E-03	-1.261E-04	-0.0027
337	0.45	DIS45	Combination	19.76	-0.011	-3.719E-03	-1.261E-04	-9.983E-04
337	0.9	DIS45	Combination	19.76	-1.619E-03	-3.719E-03	-1.261E-04	6.753E-04
337	0.	DIS46	Combination	22.887	-0.023	-4.321E-03	-1.465E-04	-0.0031
337	0.45	DIS46	Combination	22.887	-0.013	-4.321E-03	-1.465E-04	-0.0012
337	0.9	DIS46	Combination	22.887	-3.479E-03	-4.321E-03	-1.465E-04	7.819E-04
337	0.	DIS47	Combination	13.523	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS47	Combination	13.523	-7.551E-03	-2.515E-03	-8.540E-05	-6.699E-04
337	0.9	DIS47	Combination	13.523	2.100E-03	-2.515E-03	-8.540E-05	4.620E-04
337	0.	DIS48	Combination	13.486	-0.017	-2.515E-03	-8.540E-05	-0.0018
337	0.45	DIS48	Combination	13.486	-7.547E-03	-2.515E-03	-8.540E-05	-6.697E-04
337	0.9	DIS48	Combination	13.486	2.105E-03	-2.515E-03	-8.540E-05	4.621E-04
337	0.	DIS49	Combination	13.454	-0.021	-8.082E-03	-6.709E-05	0.002

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
337	0.45	DIS49	Combination	13.454	-0.011	-8.062E-03	-6.709E-05	0.0056
337	0.9	DIS49	Combination	13.454	-1.267E-03	-8.043E-03	-6.709E-05	0.0093
337	0.	DIS50	Combination	13.555	-0.014	3.051E-03	-1.037E-04	-0.0056
337	0.45	DIS50	Combination	13.555	-4.180E-03	3.032E-03	-1.037E-04	-0.007
337	0.9	DIS50	Combination	13.555	5.472E-03	3.013E-03	-1.037E-04	-0.0083
337	0.	DIS51	Combination	16.384	-0.017	-3.090E-03	-1.048E-04	-0.0022
337	0.45	DIS51	Combination	16.384	-9.383E-03	-3.090E-03	-1.048E-04	-8.308E-04
337	0.9	DIS51	Combination	16.384	-2.144E-03	-3.090E-03	-1.048E-04	5.598E-04
337	0.	DIS52	Combination	16.384	-0.017	-3.090E-03	-1.048E-04	-0.0022
337	0.45	DIS52	Combination	16.384	-9.383E-03	-3.090E-03	-1.048E-04	-8.308E-04
337	0.9	DIS52	Combination	16.384	-2.144E-03	-3.090E-03	-1.048E-04	5.598E-04
337	0.	DIS53	Combination	19.511	-0.018	-3.692E-03	-1.251E-04	-0.0027
337	0.45	DIS53	Combination	19.511	-0.011	-3.692E-03	-1.251E-04	-9.951E-04
337	0.9	DIS53	Combination	19.511	-4.005E-03	-3.692E-03	-1.251E-04	6.664E-04
337	0.	DIS54	Combination	10.142	-0.013	-1.887E-03	-6.405E-05	-0.0014
337	0.45	DIS54	Combination	10.142	-5.664E-03	-1.887E-03	-6.405E-05	-5.025E-04
337	0.9	DIS54	Combination	10.142	1.575E-03	-1.887E-03	-6.405E-05	3.465E-04
337	0.	DIS55	Combination	10.114	-0.013	-1.886E-03	-6.405E-05	-0.0014
337	0.45	DIS55	Combination	10.114	-5.660E-03	-1.886E-03	-6.405E-05	-5.023E-04
337	0.9	DIS55	Combination	10.114	1.578E-03	-1.886E-03	-6.405E-05	3.466E-04
337	0.	DIS56	Combination	10.09	-0.015	-6.061E-03	-5.032E-05	0.0015
337	0.45	DIS56	Combination	10.09	-8.189E-03	-6.047E-03	-5.032E-05	0.0042
337	0.9	DIS56	Combination	10.09	-9.500E-04	-6.032E-03	-5.032E-05	0.0069
337	0.	DIS57	Combination	10.166	-0.01	2.288E-03	-7.778E-05	-0.0042
337	0.45	DIS57	Combination	10.166	-3.135E-03	2.274E-03	-7.778E-05	-0.0052
337	0.9	DIS57	Combination	10.166	4.104E-03	2.259E-03	-7.778E-05	-0.0063
338	0.	DEAD	LinStatic	19.04	-0.013	1.689E-05	3.989E-06	2.215E-04
338	0.45	DEAD	LinStatic	19.04	-4.529E-03	1.689E-05	3.989E-06	2.139E-04
338	0.9	DEAD	LinStatic	19.04	3.514E-03	1.689E-05	3.989E-06	2.062E-04
338	0.	L	LinStatic	0.	0.	0.	0.	0.
338	0.45	L	LinStatic	0.	0.	0.	0.	0.
338	0.9	L	LinStatic	0.	0.	0.	0.	0.
338	0.	Lr	LinStatic	18.78	-4.371E-03	2.188E-05	3.990E-06	2.187E-04
338	0.45	Lr	LinStatic	18.78	-4.371E-03	2.188E-05	3.990E-06	2.089E-04
338	0.9	Lr	LinStatic	18.78	-4.371E-03	2.188E-05	3.990E-06	1.990E-04
338	0.	G	LinStatic	0.	0.	0.	0.	0.
338	0.45	G	LinStatic	0.	0.	0.	0.	0.
338	0.9	G	LinStatic	0.	0.	0.	0.	0.
338	0.	Le	LinStatic	0.	0.	0.	0.	0.
338	0.45	Le	LinStatic	0.	0.	0.	0.	0.
338	0.9	Le	LinStatic	0.	0.	0.	0.	0.
338	0.	Wx	LinStatic	10.578	-2.462E-03	1.232E-05	2.247E-06	1.232E-04
338	0.45	Wx	LinStatic	10.578	-2.462E-03	1.232E-05	2.247E-06	1.176E-04
338	0.9	Wx	LinStatic	10.578	-2.462E-03	1.232E-05	2.247E-06	1.121E-04
338	0.	Wy	LinStatic	10.578	-2.462E-03	1.232E-05	2.247E-06	1.232E-04
338	0.45	Wy	LinStatic	10.578	-2.462E-03	1.232E-05	2.247E-06	1.176E-04
338	0.9	Wy	LinStatic	10.578	-2.462E-03	1.232E-05	2.247E-06	1.121E-04
338	0.	CFx D	LinStatic	0.013	2.330E-06	2.825E-09	-1.866E-09	7.114E-08
338	0.45	CFx D	LinStatic	0.013	2.330E-06	2.825E-09	-1.866E-09	6.986E-08
338	0.9	CFx D	LinStatic	0.013	2.330E-06	2.825E-09	-1.866E-09	6.859E-08
338	0.	CFy D	LinStatic	-0.078	-3.418E-03	-5.859E-03	9.155E-05	0.0083
338	0.45	CFy D	LinStatic	-0.078	-3.418E-03	-5.843E-03	9.155E-05	0.0109
338	0.9	CFy D	LinStatic	-0.078	-3.418E-03	-5.827E-03	9.155E-05	0.0136
338	0.	CFx L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
338	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
338	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
338	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
338	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
338	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
338	0.	CFx Lr	LinStatic	0.013	1.468E-06	-1.884E-08	-2.620E-09	5.956E-08
338	0.45	CFx Lr	LinStatic	0.013	1.468E-06	-1.884E-08	-2.620E-09	6.804E-08
338	0.9	CFx Lr	LinStatic	0.013	1.468E-06	-1.884E-08	-2.620E-09	7.652E-08
338	0.	CFy Lr	LinStatic	-0.079	-4.883E-03	-8.301E-03	9.155E-05	0.0071
338	0.45	CFy Lr	LinStatic	-0.079	-4.883E-03	-8.301E-03	9.155E-05	0.0108
338	0.9	CFy Lr	LinStatic	-0.079	-4.883E-03	-8.301E-03	9.155E-05	0.0146
338	0.	DIS01	Combination	26.674	-0.018	2.366E-05	5.581E-06	3.101E-04
338	0.45	DIS01	Combination	26.674	-6.338E-03	2.366E-05	5.581E-06	2.995E-04
338	0.9	DIS01	Combination	26.674	4.922E-03	2.366E-05	5.581E-06	2.888E-04
338	0.	DIS02	Combination	26.637	-0.018	2.365E-05	5.587E-06	3.099E-04
338	0.45	DIS02	Combination	26.637	-6.344E-03	2.365E-05	5.587E-06	2.993E-04
338	0.9	DIS02	Combination	26.637	4.916E-03	2.365E-05	5.587E-06	2.887E-04
338	0.	DIS03	Combination	26.546	-0.022	-8.179E-03	1.338E-04	0.0119
338	0.45	DIS03	Combination	26.546	-0.011	-8.157E-03	1.338E-04	0.0156
338	0.9	DIS03	Combination	26.546	1.341E-04	-8.134E-03	1.338E-04	0.0193
338	0.	DIS04	Combination	26.765	-0.013	8.227E-03	-1.226E-04	-0.0113
338	0.45	DIS04	Combination	26.765	-1.556E-03	8.204E-03	-1.226E-04	-0.015
338	0.9	DIS04	Combination	26.765	9.704E-03	8.182E-03	-1.226E-04	-0.0187
338	0.	DIS05	Combination	32.26	-0.017	3.121E-05	6.778E-06	3.752E-04
338	0.45	DIS05	Combination	32.26	-7.617E-03	3.121E-05	6.778E-06	3.612E-04
338	0.9	DIS05	Combination	32.26	2.034E-03	3.121E-05	6.778E-06	3.471E-04
338	0.	DIS06	Combination	32.215	-0.017	3.122E-05	6.785E-06	3.750E-04
338	0.45	DIS06	Combination	32.215	-7.624E-03	3.122E-05	6.785E-06	3.609E-04
338	0.9	DIS06	Combination	32.215	2.027E-03	3.122E-05	6.785E-06	3.469E-04
338	0.	DIS07	Combination	32.104	-0.024	-0.011	1.624E-04	0.0139
338	0.45	DIS07	Combination	32.104	-0.014	-0.011	1.624E-04	0.0189
338	0.9	DIS07	Combination	32.104	-4.512E-03	-0.011	1.624E-04	0.0239
338	0.	DIS08	Combination	32.371	-0.011	0.011	-1.489E-04	-0.0131
338	0.45	DIS08	Combination	32.371	-1.078E-03	0.011	-1.489E-04	-0.0182
338	0.9	DIS08	Combination	32.371	8.574E-03	0.011	-1.489E-04	-0.0232
338	0.	DIS09	Combination	22.864	-0.015	2.028E-05	4.784E-06	2.658E-04
338	0.45	DIS09	Combination	22.864	-5.432E-03	2.028E-05	4.784E-06	2.567E-04
338	0.9	DIS09	Combination	22.864	4.219E-03	2.028E-05	4.784E-06	2.476E-04
338	0.	DIS10	Combination	22.831	-0.015	2.027E-05	4.788E-06	2.657E-04
338	0.45	DIS10	Combination	22.831	-5.438E-03	2.027E-05	4.788E-06	2.565E-04
338	0.9	DIS10	Combination	22.831	4.214E-03	2.027E-05	4.788E-06	2.474E-04
338	0.	DIS11	Combination	22.754	-0.019	-7.011E-03	1.146E-04	0.0102
338	0.45	DIS11	Combination	22.754	-9.537E-03	-6.992E-03	1.146E-04	0.0134
338	0.9	DIS11	Combination	22.754	1.149E-04	-6.972E-03	1.146E-04	0.0165
338	0.	DIS12	Combination	22.941	-0.011	7.052E-03	-1.051E-04	-0.0097
338	0.45	DIS12	Combination	22.941	-1.334E-03	7.032E-03	-1.051E-04	-0.0129
338	0.9	DIS12	Combination	22.941	8.318E-03	7.013E-03	-1.051E-04	-0.016
338	0.	DIS13	Combination	22.864	-0.015	2.028E-05	4.784E-06	2.658E-04
338	0.45	DIS13	Combination	22.864	-5.432E-03	2.028E-05	4.784E-06	2.567E-04
338	0.9	DIS13	Combination	22.864	4.219E-03	2.028E-05	4.784E-06	2.476E-04
338	0.	DIS14	Combination	22.831	-0.015	2.027E-05	4.788E-06	2.657E-04
338	0.45	DIS14	Combination	22.831	-5.438E-03	2.027E-05	4.788E-06	2.565E-04
338	0.9	DIS14	Combination	22.831	4.214E-03	2.027E-05	4.788E-06	2.474E-04
338	0.	DIS15	Combination	22.754	-0.019	-7.011E-03	1.146E-04	0.0102

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
338	0.45	DIS15	Combination	22.754	-9.537E-03	-6.992E-03	1.146E-04	0.0134
338	0.9	DIS15	Combination	22.754	1.149E-04	-6.972E-03	1.146E-04	0.0165
338	0.	DIS16	Combination	22.941	-0.011	7.052E-03	-1.051E-04	-0.0097
338	0.45	DIS16	Combination	22.941	-1.334E-03	7.032E-03	-1.051E-04	-0.0129
338	0.9	DIS16	Combination	22.941	8.318E-03	7.013E-03	-1.051E-04	-0.016
338	0.	DIS17	Combination	52.933	-0.022	5.525E-05	1.116E-05	6.158E-04
338	0.45	DIS17	Combination	52.933	-0.012	5.525E-05	1.116E-05	5.910E-04
338	0.9	DIS17	Combination	52.933	-2.772E-03	5.525E-05	1.116E-05	5.661E-04
338	0.	DIS18	Combination	52.859	-0.022	5.530E-05	1.118E-05	6.155E-04
338	0.45	DIS18	Combination	52.859	-0.012	5.530E-05	1.118E-05	5.906E-04
338	0.9	DIS18	Combination	52.859	-2.783E-03	5.530E-05	1.118E-05	5.657E-04
338	0.	DIS19	Combination	52.676	-0.034	-0.02	2.675E-04	0.0219
338	0.45	DIS19	Combination	52.676	-0.024	-0.02	2.675E-04	0.031
338	0.9	DIS19	Combination	52.676	-0.015	-0.02	2.675E-04	0.0401
338	0.	DIS20	Combination	53.116	-0.01	0.02	-2.452E-04	-0.0207
338	0.45	DIS20	Combination	53.116	-5.151E-04	0.02	-2.452E-04	-0.0298
338	0.9	DIS20	Combination	53.116	9.137E-03	0.02	-2.452E-04	-0.039
338	0.	DIS21	Combination	22.864	-0.015	2.028E-05	4.784E-06	2.658E-04
338	0.45	DIS21	Combination	22.864	-5.432E-03	2.028E-05	4.784E-06	2.567E-04
338	0.9	DIS21	Combination	22.864	4.219E-03	2.028E-05	4.784E-06	2.476E-04
338	0.	DIS22	Combination	22.831	-0.015	2.027E-05	4.788E-06	2.657E-04
338	0.45	DIS22	Combination	22.831	-5.438E-03	2.027E-05	4.788E-06	2.565E-04
338	0.9	DIS22	Combination	22.831	4.214E-03	2.027E-05	4.788E-06	2.474E-04
338	0.	DIS23	Combination	22.754	-0.019	-7.011E-03	1.146E-04	0.0102
338	0.45	DIS23	Combination	22.754	-9.537E-03	-6.992E-03	1.146E-04	0.0134
338	0.9	DIS23	Combination	22.754	1.149E-04	-6.972E-03	1.146E-04	0.0165
338	0.	DIS24	Combination	22.941	-0.011	7.052E-03	-1.051E-04	-0.0097
338	0.45	DIS24	Combination	22.941	-1.334E-03	7.032E-03	-1.051E-04	-0.0129
338	0.9	DIS24	Combination	22.941	8.318E-03	7.013E-03	-1.051E-04	-0.016
338	0.	DIS25	Combination	22.864	-0.015	2.028E-05	4.784E-06	2.658E-04
338	0.45	DIS25	Combination	22.864	-5.432E-03	2.028E-05	4.784E-06	2.567E-04
338	0.9	DIS25	Combination	22.864	4.219E-03	2.028E-05	4.784E-06	2.476E-04
338	0.	DIS26	Combination	22.831	-0.015	2.027E-05	4.788E-06	2.657E-04
338	0.45	DIS26	Combination	22.831	-5.438E-03	2.027E-05	4.788E-06	2.565E-04
338	0.9	DIS26	Combination	22.831	4.214E-03	2.027E-05	4.788E-06	2.474E-04
338	0.	DIS27	Combination	22.754	-0.019	-7.011E-03	1.146E-04	0.0102
338	0.45	DIS27	Combination	22.754	-9.537E-03	-6.992E-03	1.146E-04	0.0134
338	0.9	DIS27	Combination	22.754	1.149E-04	-6.972E-03	1.146E-04	0.0165
338	0.	DIS28	Combination	22.941	-0.011	7.052E-03	-1.051E-04	-0.0097
338	0.45	DIS28	Combination	22.941	-1.334E-03	7.032E-03	-1.051E-04	-0.0129
338	0.9	DIS28	Combination	22.941	8.318E-03	7.013E-03	-1.051E-04	-0.016
338	0.	DIS29	Combination	58.185	-0.023	6.144E-05	1.229E-05	6.773E-04
338	0.45	DIS29	Combination	58.185	-0.014	6.144E-05	1.229E-05	6.496E-04
338	0.9	DIS29	Combination	58.185	-4.009E-03	6.144E-05	1.229E-05	6.220E-04
338	0.	DIS30	Combination	58.185	-0.023	6.144E-05	1.229E-05	6.773E-04
338	0.45	DIS30	Combination	58.185	-0.014	6.144E-05	1.229E-05	6.496E-04
338	0.9	DIS30	Combination	58.185	-4.009E-03	6.144E-05	1.229E-05	6.220E-04
338	0.	DIS31	Combination	60.935	-0.024	6.464E-05	1.288E-05	7.093E-04
338	0.45	DIS31	Combination	60.935	-0.014	6.464E-05	1.288E-05	6.802E-04
338	0.9	DIS31	Combination	60.935	-4.649E-03	6.464E-05	1.288E-05	6.511E-04
338	0.	DIS32	Combination	28.137	-0.016	2.643E-05	5.910E-06	3.273E-04
338	0.45	DIS32	Combination	28.137	-6.666E-03	2.643E-05	5.910E-06	3.154E-04
338	0.9	DIS32	Combination	28.137	2.985E-03	2.643E-05	5.910E-06	3.035E-04
338	0.	DIS33	Combination	28.137	-0.016	2.643E-05	5.910E-06	3.273E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
338	0.45	DIS33	Combination	28.137	-6.666E-03	2.643E-05	5.910E-06	3.154E-04
338	0.9	DIS33	Combination	28.137	2.985E-03	2.643E-05	5.910E-06	3.035E-04
338	0.	DIS34	Combination	30.887	-0.017	2.964E-05	6.494E-06	3.594E-04
338	0.45	DIS34	Combination	30.887	-7.306E-03	2.964E-05	6.494E-06	3.460E-04
338	0.9	DIS34	Combination	30.887	2.345E-03	2.964E-05	6.494E-06	3.327E-04
338	0.	DIS35	Combination	28.137	-0.016	2.643E-05	5.910E-06	3.273E-04
338	0.45	DIS35	Combination	28.137	-6.666E-03	2.643E-05	5.910E-06	3.154E-04
338	0.9	DIS35	Combination	28.137	2.985E-03	2.643E-05	5.910E-06	3.035E-04
338	0.	DIS36	Combination	28.137	-0.016	2.643E-05	5.910E-06	3.273E-04
338	0.45	DIS36	Combination	28.137	-6.666E-03	2.643E-05	5.910E-06	3.154E-04
338	0.9	DIS36	Combination	28.137	2.985E-03	2.643E-05	5.910E-06	3.035E-04
338	0.	DIS37	Combination	30.887	-0.017	2.964E-05	6.494E-06	3.594E-04
338	0.45	DIS37	Combination	30.887	-7.306E-03	2.964E-05	6.494E-06	3.460E-04
338	0.9	DIS37	Combination	30.887	2.345E-03	2.964E-05	6.494E-06	3.327E-04
338	0.	DIS38	Combination	42.816	-0.02	4.354E-05	9.029E-06	4.983E-04
338	0.45	DIS38	Combination	42.816	-0.01	4.354E-05	9.029E-06	4.787E-04
338	0.9	DIS38	Combination	42.816	-4.313E-04	4.354E-05	9.029E-06	4.591E-04
338	0.	DIS39	Combination	42.816	-0.02	4.354E-05	9.029E-06	4.983E-04
338	0.45	DIS39	Combination	42.816	-0.01	4.354E-05	9.029E-06	4.787E-04
338	0.9	DIS39	Combination	42.816	-4.313E-04	4.354E-05	9.029E-06	4.591E-04
338	0.	DIS40	Combination	48.105	-0.021	4.970E-05	1.015E-05	5.599E-04
338	0.45	DIS40	Combination	48.105	-0.011	4.970E-05	1.015E-05	5.375E-04
338	0.9	DIS40	Combination	48.105	-1.662E-03	4.970E-05	1.015E-05	5.151E-04
338	0.	DIS41	Combination	33.426	-0.018	3.260E-05	7.034E-06	3.889E-04
338	0.45	DIS41	Combination	33.426	-7.897E-03	3.260E-05	7.034E-06	3.743E-04
338	0.9	DIS41	Combination	33.426	1.754E-03	3.260E-05	7.034E-06	3.596E-04
338	0.	DIS42	Combination	33.426	-0.018	3.260E-05	7.034E-06	3.889E-04
338	0.45	DIS42	Combination	33.426	-7.897E-03	3.260E-05	7.034E-06	3.743E-04
338	0.9	DIS42	Combination	33.426	1.754E-03	3.260E-05	7.034E-06	3.596E-04
338	0.	DIS43	Combination	38.715	-0.019	3.876E-05	8.157E-06	4.505E-04
338	0.45	DIS43	Combination	38.715	-9.128E-03	3.876E-05	8.157E-06	4.331E-04
338	0.9	DIS43	Combination	38.715	5.232E-04	3.876E-05	8.157E-06	4.156E-04
338	0.	DIS44	Combination	33.426	-0.018	3.260E-05	7.034E-06	3.889E-04
338	0.45	DIS44	Combination	33.426	-7.897E-03	3.260E-05	7.034E-06	3.743E-04
338	0.9	DIS44	Combination	33.426	1.754E-03	3.260E-05	7.034E-06	3.596E-04
338	0.	DIS45	Combination	33.426	-0.018	3.260E-05	7.034E-06	3.889E-04
338	0.45	DIS45	Combination	33.426	-7.897E-03	3.260E-05	7.034E-06	3.743E-04
338	0.9	DIS45	Combination	33.426	1.754E-03	3.260E-05	7.034E-06	3.596E-04
338	0.	DIS46	Combination	38.715	-0.019	3.876E-05	8.157E-06	4.505E-04
338	0.45	DIS46	Combination	38.715	-9.128E-03	3.876E-05	8.157E-06	4.331E-04
338	0.9	DIS46	Combination	38.715	5.232E-04	3.876E-05	8.157E-06	4.156E-04
338	0.	DIS47	Combination	22.864	-0.015	2.028E-05	4.784E-06	2.658E-04
338	0.45	DIS47	Combination	22.864	-5.432E-03	2.028E-05	4.784E-06	2.567E-04
338	0.9	DIS47	Combination	22.864	4.219E-03	2.028E-05	4.784E-06	2.476E-04
338	0.	DIS48	Combination	22.831	-0.015	2.027E-05	4.788E-06	2.657E-04
338	0.45	DIS48	Combination	22.831	-5.438E-03	2.027E-05	4.788E-06	2.565E-04
338	0.9	DIS48	Combination	22.831	4.214E-03	2.027E-05	4.788E-06	2.474E-04
338	0.	DIS49	Combination	22.754	-0.019	-7.011E-03	1.146E-04	0.0102
338	0.45	DIS49	Combination	22.754	-9.537E-03	-6.992E-03	1.146E-04	0.0134
338	0.9	DIS49	Combination	22.754	1.149E-04	-6.972E-03	1.146E-04	0.0165
338	0.	DIS50	Combination	22.941	-0.011	7.052E-03	-1.051E-04	-0.0097
338	0.45	DIS50	Combination	22.941	-1.334E-03	7.032E-03	-1.051E-04	-0.0129
338	0.9	DIS50	Combination	22.941	8.318E-03	7.013E-03	-1.051E-04	-0.016
338	0.	DIS51	Combination	27.714	-0.014	2.753E-05	5.837E-06	3.225E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
338	0.45	DIS51	Combination	27.714	-6.539E-03	2.753E-05	5.837E-06	3.101E-04
338	0.9	DIS51	Combination	27.714	7.002E-04	2.753E-05	5.837E-06	2.977E-04
338	0.	DIS52	Combination	27.714	-0.014	2.753E-05	5.837E-06	3.225E-04
338	0.45	DIS52	Combination	27.714	-6.539E-03	2.753E-05	5.837E-06	3.101E-04
338	0.9	DIS52	Combination	27.714	7.002E-04	2.753E-05	5.837E-06	2.977E-04
338	0.	DIS53	Combination	33.003	-0.015	3.369E-05	6.961E-06	3.841E-04
338	0.45	DIS53	Combination	33.003	-7.770E-03	3.369E-05	6.961E-06	3.689E-04
338	0.9	DIS53	Combination	33.003	-5.309E-04	3.369E-05	6.961E-06	3.538E-04
338	0.	DIS54	Combination	17.148	-0.011	1.521E-05	3.588E-06	1.994E-04
338	0.45	DIS54	Combination	17.148	-4.074E-03	1.521E-05	3.588E-06	1.925E-04
338	0.9	DIS54	Combination	17.148	3.164E-03	1.521E-05	3.588E-06	1.857E-04
338	0.	DIS55	Combination	17.124	-0.011	1.520E-05	3.591E-06	1.992E-04
338	0.45	DIS55	Combination	17.124	-4.078E-03	1.520E-05	3.591E-06	1.924E-04
338	0.9	DIS55	Combination	17.124	3.160E-03	1.520E-05	3.591E-06	1.856E-04
338	0.	DIS56	Combination	17.065	-0.014	-5.258E-03	8.599E-05	0.0077
338	0.45	DIS56	Combination	17.065	-7.153E-03	-5.244E-03	8.599E-05	0.01
338	0.9	DIS56	Combination	17.065	8.618E-05	-5.229E-03	8.599E-05	0.0124
338	0.	DIS57	Combination	17.206	-8.239E-03	5.289E-03	-7.881E-05	-0.0073
338	0.45	DIS57	Combination	17.206	-1.000E-03	5.274E-03	-7.881E-05	-0.0096
338	0.9	DIS57	Combination	17.206	6.239E-03	5.260E-03	-7.881E-05	-0.012
339	0.	DEAD	LinStatic	23.75	-0.011	-1.663E-04	-3.490E-06	2.525E-04
339	0.45	DEAD	LinStatic	23.75	-2.599E-03	-1.663E-04	-3.490E-06	3.274E-04
339	0.9	DEAD	LinStatic	23.75	5.444E-03	-1.663E-04	-3.490E-06	4.022E-04
339	0.	L	LinStatic	0.	0.	0.	0.	0.
339	0.45	L	LinStatic	0.	0.	0.	0.	0.
339	0.9	L	LinStatic	0.	0.	0.	0.	0.
339	0.	Lr	LinStatic	23.425	-2.587E-03	-1.675E-04	-3.543E-06	2.453E-04
339	0.45	Lr	LinStatic	23.425	-2.587E-03	-1.675E-04	-3.543E-06	3.206E-04
339	0.9	Lr	LinStatic	23.425	-2.587E-03	-1.675E-04	-3.543E-06	3.960E-04
339	0.	G	LinStatic	0.	0.	0.	0.	0.
339	0.45	G	LinStatic	0.	0.	0.	0.	0.
339	0.9	G	LinStatic	0.	0.	0.	0.	0.
339	0.	Le	LinStatic	0.	0.	0.	0.	0.
339	0.45	Le	LinStatic	0.	0.	0.	0.	0.
339	0.9	Le	LinStatic	0.	0.	0.	0.	0.
339	0.	Wx	LinStatic	13.194	-1.457E-03	-9.433E-05	-1.996E-06	1.382E-04
339	0.45	Wx	LinStatic	13.194	-1.457E-03	-9.433E-05	-1.996E-06	1.806E-04
339	0.9	Wx	LinStatic	13.194	-1.457E-03	-9.433E-05	-1.996E-06	2.230E-04
339	0.	Wy	LinStatic	13.194	-1.457E-03	-9.433E-05	-1.996E-06	1.382E-04
339	0.45	Wy	LinStatic	13.194	-1.457E-03	-9.433E-05	-1.996E-06	1.806E-04
339	0.9	Wy	LinStatic	13.194	-1.457E-03	-9.433E-05	-1.996E-06	2.230E-04
339	0.	CFx D	LinStatic	0.011	1.549E-06	3.921E-08	3.535E-10	9.178E-08
339	0.45	CFx D	LinStatic	0.011	1.549E-06	3.921E-08	3.535E-10	7.413E-08
339	0.9	CFx D	LinStatic	0.011	1.549E-06	3.921E-08	3.535E-10	5.649E-08
339	0.	CFy D	LinStatic	-0.103	-9.766E-04	-2.930E-03	1.373E-04	0.0122
339	0.45	CFy D	LinStatic	-0.103	-9.766E-04	-2.914E-03	1.373E-04	0.0135
339	0.9	CFy D	LinStatic	-0.103	-9.766E-04	-2.898E-03	1.373E-04	0.0148
339	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
339	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
339	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
339	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
339	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
339	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
339	0.	CFx Lr	LinStatic	0.011	7.091E-07	1.703E-08	-4.400E-10	8.051E-08

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
339	0.45	CFx Lr	LinStatic	0.011	7.091E-07	1.703E-08	-4.400E-10	7.285E-08
339	0.9	CFx Lr	LinStatic	0.011	7.091E-07	1.703E-08	-4.400E-10	6.518E-08
339	0.	CFy Lr	LinStatic	-0.103	-4.883E-04	-2.930E-03	1.602E-04	0.0117
339	0.45	CFy Lr	LinStatic	-0.103	-4.883E-04	-2.930E-03	1.602E-04	0.013
339	0.9	CFy Lr	LinStatic	-0.103	-4.883E-04	-2.930E-03	1.602E-04	0.0144
339	0.	DIS01	Combination	33.265	-0.015	-2.328E-04	-4.886E-06	3.537E-04
339	0.45	DIS01	Combination	33.265	-3.637E-03	-2.328E-04	-4.886E-06	4.584E-04
339	0.9	DIS01	Combination	33.265	7.623E-03	-2.328E-04	-4.886E-06	5.632E-04
339	0.	DIS02	Combination	33.234	-0.015	-2.329E-04	-4.887E-06	3.534E-04
339	0.45	DIS02	Combination	33.234	-3.641E-03	-2.329E-04	-4.887E-06	4.582E-04
339	0.9	DIS02	Combination	33.234	7.619E-03	-2.329E-04	-4.887E-06	5.630E-04
339	0.	DIS03	Combination	33.106	-0.016	-4.334E-03	1.874E-04	0.0174
339	0.45	DIS03	Combination	33.106	-5.006E-03	-4.312E-03	1.874E-04	0.0194
339	0.9	DIS03	Combination	33.106	6.254E-03	-4.289E-03	1.874E-04	0.0213
339	0.	DIS04	Combination	33.393	-0.014	3.869E-03	-1.971E-04	-0.0167
339	0.45	DIS04	Combination	33.393	-2.272E-03	3.846E-03	-1.971E-04	-0.0185
339	0.9	DIS04	Combination	33.393	8.988E-03	3.824E-03	-1.971E-04	-0.0202
339	0.	DIS05	Combination	40.231	-0.014	-2.833E-04	-5.960E-06	4.258E-04
339	0.45	DIS05	Combination	40.231	-4.411E-03	-2.833E-04	-5.960E-06	5.533E-04
339	0.9	DIS05	Combination	40.231	5.241E-03	-2.833E-04	-5.960E-06	6.808E-04
339	0.	DIS06	Combination	40.193	-0.014	-2.834E-04	-5.960E-06	4.255E-04
339	0.45	DIS06	Combination	40.193	-4.415E-03	-2.834E-04	-5.960E-06	5.530E-04
339	0.9	DIS06	Combination	40.193	5.237E-03	-2.834E-04	-5.960E-06	6.806E-04
339	0.	DIS07	Combination	40.038	-0.015	-5.264E-03	2.389E-04	0.0209
339	0.45	DIS07	Combination	40.038	-5.829E-03	-5.245E-03	2.389E-04	0.0233
339	0.9	DIS07	Combination	40.038	3.823E-03	-5.225E-03	2.389E-04	0.0257
339	0.	DIS08	Combination	40.386	-0.013	4.697E-03	-2.509E-04	-0.0201
339	0.45	DIS08	Combination	40.386	-2.997E-03	4.678E-03	-2.509E-04	-0.0222
339	0.9	DIS08	Combination	40.386	6.655E-03	4.659E-03	-2.509E-04	-0.0243
339	0.	DIS09	Combination	28.513	-0.013	-1.996E-04	-4.188E-06	3.031E-04
339	0.45	DIS09	Combination	28.513	-3.117E-03	-1.996E-04	-4.188E-06	3.929E-04
339	0.9	DIS09	Combination	28.513	6.534E-03	-1.996E-04	-4.188E-06	4.827E-04
339	0.	DIS10	Combination	28.486	-0.013	-1.997E-04	-4.189E-06	3.029E-04
339	0.45	DIS10	Combination	28.486	-3.121E-03	-1.997E-04	-4.189E-06	3.928E-04
339	0.9	DIS10	Combination	28.486	6.530E-03	-1.997E-04	-4.189E-06	4.826E-04
339	0.	DIS11	Combination	28.377	-0.014	-3.715E-03	1.606E-04	0.015
339	0.45	DIS11	Combination	28.377	-4.291E-03	-3.696E-03	1.606E-04	0.0166
339	0.9	DIS11	Combination	28.377	5.360E-03	-3.677E-03	1.606E-04	0.0183
339	0.	DIS12	Combination	28.623	-0.012	3.316E-03	-1.690E-04	-0.0143
339	0.45	DIS12	Combination	28.623	-1.947E-03	3.297E-03	-1.690E-04	-0.0158
339	0.9	DIS12	Combination	28.623	7.704E-03	3.277E-03	-1.690E-04	-0.0173
339	0.	DIS13	Combination	28.513	-0.013	-1.996E-04	-4.188E-06	3.031E-04
339	0.45	DIS13	Combination	28.513	-3.117E-03	-1.996E-04	-4.188E-06	3.929E-04
339	0.9	DIS13	Combination	28.513	6.534E-03	-1.996E-04	-4.188E-06	4.827E-04
339	0.	DIS14	Combination	28.486	-0.013	-1.997E-04	-4.189E-06	3.029E-04
339	0.45	DIS14	Combination	28.486	-3.121E-03	-1.997E-04	-4.189E-06	3.928E-04
339	0.9	DIS14	Combination	28.486	6.530E-03	-1.997E-04	-4.189E-06	4.826E-04
339	0.	DIS15	Combination	28.377	-0.014	-3.715E-03	1.606E-04	0.015
339	0.45	DIS15	Combination	28.377	-4.291E-03	-3.696E-03	1.606E-04	0.0166
339	0.9	DIS15	Combination	28.377	5.360E-03	-3.677E-03	1.606E-04	0.0183
339	0.	DIS16	Combination	28.623	-0.012	3.316E-03	-1.690E-04	-0.0143
339	0.45	DIS16	Combination	28.623	-1.947E-03	3.297E-03	-1.690E-04	-0.0158
339	0.9	DIS16	Combination	28.623	7.704E-03	3.277E-03	-1.690E-04	-0.0173
339	0.	DIS17	Combination	66.01	-0.017	-4.675E-04	-9.858E-06	6.957E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
339	0.45	DIS17	Combination	66.01	-7.255E-03	-4.675E-04	-9.858E-06	9.061E-04
339	0.9	DIS17	Combination	66.01	2.396E-03	-4.675E-04	-9.858E-06	0.0011
339	0.	DIS18	Combination	65.948	-0.017	-4.676E-04	-9.857E-06	6.952E-04
339	0.45	DIS18	Combination	65.948	-7.261E-03	-4.676E-04	-9.857E-06	9.056E-04
339	0.9	DIS18	Combination	65.948	2.390E-03	-4.676E-04	-9.857E-06	0.0011
339	0.	DIS19	Combination	65.692	-0.019	-8.671E-03	4.113E-04	0.0341
339	0.45	DIS19	Combination	65.692	-9.211E-03	-8.651E-03	4.113E-04	0.038
339	0.9	DIS19	Combination	65.692	4.403E-04	-8.632E-03	4.113E-04	0.0419
339	0.	DIS20	Combination	66.266	-0.015	7.736E-03	-4.310E-04	-0.0327
339	0.45	DIS20	Combination	66.266	-5.305E-03	7.716E-03	-4.310E-04	-0.0362
339	0.9	DIS20	Combination	66.266	4.347E-03	7.697E-03	-4.310E-04	-0.0396
339	0.	DIS21	Combination	28.513	-0.013	-1.996E-04	-4.188E-06	3.031E-04
339	0.45	DIS21	Combination	28.513	-3.117E-03	-1.996E-04	-4.188E-06	3.929E-04
339	0.9	DIS21	Combination	28.513	6.534E-03	-1.996E-04	-4.188E-06	4.827E-04
339	0.	DIS22	Combination	28.486	-0.013	-1.997E-04	-4.189E-06	3.029E-04
339	0.45	DIS22	Combination	28.486	-3.121E-03	-1.997E-04	-4.189E-06	3.928E-04
339	0.9	DIS22	Combination	28.486	6.530E-03	-1.997E-04	-4.189E-06	4.826E-04
339	0.	DIS23	Combination	28.377	-0.014	-3.715E-03	1.606E-04	0.015
339	0.45	DIS23	Combination	28.377	-4.291E-03	-3.696E-03	1.606E-04	0.0166
339	0.9	DIS23	Combination	28.377	5.360E-03	-3.677E-03	1.606E-04	0.0183
339	0.	DIS24	Combination	28.623	-0.012	3.316E-03	-1.690E-04	-0.0143
339	0.45	DIS24	Combination	28.623	-1.947E-03	3.297E-03	-1.690E-04	-0.0158
339	0.9	DIS24	Combination	28.623	7.704E-03	3.277E-03	-1.690E-04	-0.0173
339	0.	DIS25	Combination	28.513	-0.013	-1.996E-04	-4.188E-06	3.031E-04
339	0.45	DIS25	Combination	28.513	-3.117E-03	-1.996E-04	-4.188E-06	3.929E-04
339	0.9	DIS25	Combination	28.513	6.534E-03	-1.996E-04	-4.188E-06	4.827E-04
339	0.	DIS26	Combination	28.486	-0.013	-1.997E-04	-4.189E-06	3.029E-04
339	0.45	DIS26	Combination	28.486	-3.121E-03	-1.997E-04	-4.189E-06	3.928E-04
339	0.9	DIS26	Combination	28.486	6.530E-03	-1.997E-04	-4.189E-06	4.826E-04
339	0.	DIS27	Combination	28.377	-0.014	-3.715E-03	1.606E-04	0.015
339	0.45	DIS27	Combination	28.377	-4.291E-03	-3.696E-03	1.606E-04	0.0166
339	0.9	DIS27	Combination	28.377	5.360E-03	-3.677E-03	1.606E-04	0.0183
339	0.	DIS28	Combination	28.623	-0.012	3.316E-03	-1.690E-04	-0.0143
339	0.45	DIS28	Combination	28.623	-1.947E-03	3.297E-03	-1.690E-04	-0.0158
339	0.9	DIS28	Combination	28.623	7.704E-03	3.277E-03	-1.690E-04	-0.0173
339	0.	DIS29	Combination	72.577	-0.018	-5.147E-04	-1.086E-05	7.645E-04
339	0.45	DIS29	Combination	72.577	-7.987E-03	-5.147E-04	-1.086E-05	9.962E-04
339	0.9	DIS29	Combination	72.577	1.665E-03	-5.147E-04	-1.086E-05	0.0012
339	0.	DIS30	Combination	72.577	-0.018	-5.147E-04	-1.086E-05	7.645E-04
339	0.45	DIS30	Combination	72.577	-7.987E-03	-5.147E-04	-1.086E-05	9.962E-04
339	0.9	DIS30	Combination	72.577	1.665E-03	-5.147E-04	-1.086E-05	0.0012
339	0.	DIS31	Combination	76.007	-0.018	-5.392E-04	-1.137E-05	8.004E-04
339	0.45	DIS31	Combination	76.007	-8.366E-03	-5.392E-04	-1.137E-05	0.001
339	0.9	DIS31	Combination	76.007	1.286E-03	-5.392E-04	-1.137E-05	0.0013
339	0.	DIS32	Combination	35.097	-0.013	-2.468E-04	-5.186E-06	3.721E-04
339	0.45	DIS32	Combination	35.097	-3.848E-03	-2.468E-04	-5.186E-06	4.831E-04
339	0.9	DIS32	Combination	35.097	5.804E-03	-2.468E-04	-5.186E-06	5.942E-04
339	0.	DIS33	Combination	35.097	-0.013	-2.468E-04	-5.186E-06	3.721E-04
339	0.45	DIS33	Combination	35.097	-3.848E-03	-2.468E-04	-5.186E-06	4.831E-04
339	0.9	DIS33	Combination	35.097	5.804E-03	-2.468E-04	-5.186E-06	5.942E-04
339	0.	DIS34	Combination	38.527	-0.014	-2.713E-04	-5.705E-06	4.080E-04
339	0.45	DIS34	Combination	38.527	-4.227E-03	-2.713E-04	-5.705E-06	5.301E-04
339	0.9	DIS34	Combination	38.527	5.425E-03	-2.713E-04	-5.705E-06	6.522E-04
339	0.	DIS35	Combination	35.097	-0.013	-2.468E-04	-5.186E-06	3.721E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
339	0.45	DIS35	Combination	35.097	-3.848E-03	-2.468E-04	-5.186E-06	4.831E-04
339	0.9	DIS35	Combination	35.097	5.804E-03	-2.468E-04	-5.186E-06	5.942E-04
339	0.	DIS36	Combination	35.097	-0.013	-2.468E-04	-5.186E-06	3.721E-04
339	0.45	DIS36	Combination	35.097	-3.848E-03	-2.468E-04	-5.186E-06	4.831E-04
339	0.9	DIS36	Combination	35.097	5.804E-03	-2.468E-04	-5.186E-06	5.942E-04
339	0.	DIS37	Combination	38.527	-0.014	-2.713E-04	-5.705E-06	4.080E-04
339	0.45	DIS37	Combination	38.527	-4.227E-03	-2.713E-04	-5.705E-06	5.301E-04
339	0.9	DIS37	Combination	38.527	5.425E-03	-2.713E-04	-5.705E-06	6.522E-04
339	0.	DIS38	Combination	53.406	-0.016	-3.777E-04	-7.956E-06	5.638E-04
339	0.45	DIS38	Combination	53.406	-5.870E-03	-3.777E-04	-7.956E-06	7.338E-04
339	0.9	DIS38	Combination	53.406	3.782E-03	-3.777E-04	-7.956E-06	9.037E-04
339	0.	DIS39	Combination	53.406	-0.016	-3.777E-04	-7.956E-06	5.638E-04
339	0.45	DIS39	Combination	53.406	-5.870E-03	-3.777E-04	-7.956E-06	7.338E-04
339	0.9	DIS39	Combination	53.406	3.782E-03	-3.777E-04	-7.956E-06	9.037E-04
339	0.	DIS40	Combination	60.004	-0.016	-4.248E-04	-8.953E-06	6.329E-04
339	0.45	DIS40	Combination	60.004	-6.598E-03	-4.248E-04	-8.953E-06	8.241E-04
339	0.9	DIS40	Combination	60.004	3.053E-03	-4.248E-04	-8.953E-06	0.001
339	0.	DIS41	Combination	41.694	-0.014	-2.939E-04	-6.184E-06	4.412E-04
339	0.45	DIS41	Combination	41.694	-4.576E-03	-2.939E-04	-6.184E-06	5.734E-04
339	0.9	DIS41	Combination	41.694	5.075E-03	-2.939E-04	-6.184E-06	7.057E-04
339	0.	DIS42	Combination	41.694	-0.014	-2.939E-04	-6.184E-06	4.412E-04
339	0.45	DIS42	Combination	41.694	-4.576E-03	-2.939E-04	-6.184E-06	5.734E-04
339	0.9	DIS42	Combination	41.694	5.075E-03	-2.939E-04	-6.184E-06	7.057E-04
339	0.	DIS43	Combination	48.291	-0.015	-3.411E-04	-7.182E-06	5.102E-04
339	0.45	DIS43	Combination	48.291	-5.305E-03	-3.411E-04	-7.182E-06	6.637E-04
339	0.9	DIS43	Combination	48.291	4.347E-03	-3.411E-04	-7.182E-06	8.172E-04
339	0.	DIS44	Combination	41.694	-0.014	-2.939E-04	-6.184E-06	4.412E-04
339	0.45	DIS44	Combination	41.694	-4.576E-03	-2.939E-04	-6.184E-06	5.734E-04
339	0.9	DIS44	Combination	41.694	5.075E-03	-2.939E-04	-6.184E-06	7.057E-04
339	0.	DIS45	Combination	41.694	-0.014	-2.939E-04	-6.184E-06	4.412E-04
339	0.45	DIS45	Combination	41.694	-4.576E-03	-2.939E-04	-6.184E-06	5.734E-04
339	0.9	DIS45	Combination	41.694	5.075E-03	-2.939E-04	-6.184E-06	7.057E-04
339	0.	DIS46	Combination	48.291	-0.015	-3.411E-04	-7.182E-06	5.102E-04
339	0.45	DIS46	Combination	48.291	-5.305E-03	-3.411E-04	-7.182E-06	6.637E-04
339	0.9	DIS46	Combination	48.291	4.347E-03	-3.411E-04	-7.182E-06	8.172E-04
339	0.	DIS47	Combination	28.513	-0.013	-1.996E-04	-4.188E-06	3.031E-04
339	0.45	DIS47	Combination	28.513	-3.117E-03	-1.996E-04	-4.188E-06	3.929E-04
339	0.9	DIS47	Combination	28.513	6.534E-03	-1.996E-04	-4.188E-06	4.827E-04
339	0.	DIS48	Combination	28.486	-0.013	-1.997E-04	-4.189E-06	3.029E-04
339	0.45	DIS48	Combination	28.486	-3.121E-03	-1.997E-04	-4.189E-06	3.928E-04
339	0.9	DIS48	Combination	28.486	6.530E-03	-1.997E-04	-4.189E-06	4.826E-04
339	0.	DIS49	Combination	28.377	-0.014	-3.715E-03	1.606E-04	0.015
339	0.45	DIS49	Combination	28.377	-4.291E-03	-3.696E-03	1.606E-04	0.0166
339	0.9	DIS49	Combination	28.377	5.360E-03	-3.677E-03	1.606E-04	0.0183
339	0.	DIS50	Combination	28.623	-0.012	3.316E-03	-1.690E-04	-0.0143
339	0.45	DIS50	Combination	28.623	-1.947E-03	3.297E-03	-1.690E-04	-0.0158
339	0.9	DIS50	Combination	28.623	7.704E-03	3.277E-03	-1.690E-04	-0.0173
339	0.	DIS51	Combination	34.569	-0.011	-2.440E-04	-5.137E-06	3.654E-04
339	0.45	DIS51	Combination	34.569	-3.797E-03	-2.440E-04	-5.137E-06	4.752E-04
339	0.9	DIS51	Combination	34.569	3.442E-03	-2.440E-04	-5.137E-06	5.851E-04
339	0.	DIS52	Combination	34.569	-0.011	-2.440E-04	-5.137E-06	3.654E-04
339	0.45	DIS52	Combination	34.569	-3.797E-03	-2.440E-04	-5.137E-06	4.752E-04
339	0.9	DIS52	Combination	34.569	3.442E-03	-2.440E-04	-5.137E-06	5.851E-04
339	0.	DIS53	Combination	41.166	-0.012	-2.912E-04	-6.135E-06	4.345E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
339	0.45	DIS53	Combination	41.166	-4.525E-03	-2.912E-04	-6.135E-06	5.655E-04
339	0.9	DIS53	Combination	41.166	2.714E-03	-2.912E-04	-6.135E-06	6.966E-04
339	0.	DIS54	Combination	21.385	-9.577E-03	-1.497E-04	-3.141E-06	2.273E-04
339	0.45	DIS54	Combination	21.385	-2.338E-03	-1.497E-04	-3.141E-06	2.947E-04
339	0.9	DIS54	Combination	21.385	4.901E-03	-1.497E-04	-3.141E-06	3.621E-04
339	0.	DIS55	Combination	21.365	-9.580E-03	-1.497E-04	-3.142E-06	2.272E-04
339	0.45	DIS55	Combination	21.365	-2.341E-03	-1.497E-04	-3.142E-06	2.946E-04
339	0.9	DIS55	Combination	21.365	4.898E-03	-1.497E-04	-3.142E-06	3.620E-04
339	0.	DIS56	Combination	21.283	-0.01	-2.786E-03	1.205E-04	0.0112
339	0.45	DIS56	Combination	21.283	-3.218E-03	-2.772E-03	1.205E-04	0.0125
339	0.9	DIS56	Combination	21.283	4.020E-03	-2.757E-03	1.205E-04	0.0137
339	0.	DIS57	Combination	21.467	-8.699E-03	2.487E-03	-1.267E-04	-0.0108
339	0.45	DIS57	Combination	21.467	-1.461E-03	2.473E-03	-1.267E-04	-0.0119
339	0.9	DIS57	Combination	21.467	5.778E-03	2.458E-03	-1.267E-04	-0.013
33A	0.	DEAD	LinStatic	25.314	-8.043E-03	-1.776E-15	6.418E-17	3.940E-04
33A	0.45	DEAD	LinStatic	25.314	-6.773E-16	-1.776E-15	6.418E-17	3.940E-04
33A	0.9	DEAD	LinStatic	25.314	8.043E-03	-1.776E-15	6.418E-17	3.940E-04
33A	0.	L	LinStatic	0.	0.	0.	0.	0.
33A	0.45	L	LinStatic	0.	0.	0.	0.	0.
33A	0.9	L	LinStatic	0.	0.	0.	0.	0.
33A	0.	Lr	LinStatic	24.966	6.661E-16	0.	6.158E-17	3.881E-04
33A	0.45	Lr	LinStatic	24.966	6.661E-16	0.	6.158E-17	3.881E-04
33A	0.9	Lr	LinStatic	24.966	6.661E-16	0.	6.158E-17	3.881E-04
33A	0.	G	LinStatic	0.	0.	0.	0.	0.
33A	0.45	G	LinStatic	0.	0.	0.	0.	0.
33A	0.9	G	LinStatic	0.	0.	0.	0.	0.
33A	0.	Le	LinStatic	0.	0.	0.	0.	0.
33A	0.45	Le	LinStatic	0.	0.	0.	0.	0.
33A	0.9	Le	LinStatic	0.	0.	0.	0.	0.
33A	0.	Wx	LinStatic	14.063	5.551E-16	0.	3.296E-17	2.186E-04
33A	0.45	Wx	LinStatic	14.063	5.551E-16	0.	3.296E-17	2.186E-04
33A	0.9	Wx	LinStatic	14.063	5.551E-16	0.	3.296E-17	2.186E-04
33A	0.	Wy	LinStatic	14.063	5.551E-16	0.	3.296E-17	2.186E-04
33A	0.45	Wy	LinStatic	14.063	5.551E-16	0.	3.296E-17	2.186E-04
33A	0.9	Wy	LinStatic	14.063	5.551E-16	0.	3.296E-17	2.186E-04
33A	0.	CFx D	LinStatic	8.951E-03	1.719E-06	4.695E-08	4.948E-10	8.849E-08
33A	0.45	CFx D	LinStatic	8.935E-03	1.719E-06	4.695E-08	4.948E-10	6.736E-08
33A	0.9	CFx D	LinStatic	8.919E-03	1.719E-06	4.695E-08	4.948E-10	4.624E-08
33A	0.	CFy D	LinStatic	-0.098	1.465E-03	0.	1.755E-04	0.0127
33A	0.45	CFy D	LinStatic	-0.098	1.465E-03	1.609E-05	1.755E-04	0.0127
33A	0.9	CFy D	LinStatic	-0.098	1.465E-03	3.217E-05	1.755E-04	0.0127
33A	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
33A	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
33A	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
33A	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
33A	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
33A	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
33A	0.	CFx Lr	LinStatic	8.801E-03	8.742E-07	2.493E-08	-2.893E-10	7.757E-08
33A	0.45	CFx Lr	LinStatic	8.801E-03	8.742E-07	2.493E-08	-2.893E-10	6.635E-08
33A	0.9	CFx Lr	LinStatic	8.801E-03	8.742E-07	2.493E-08	-2.893E-10	5.514E-08
33A	0.	CFy Lr	LinStatic	-0.098	9.766E-04	9.766E-04	1.755E-04	0.0127
33A	0.45	CFy Lr	LinStatic	-0.098	9.766E-04	9.766E-04	1.755E-04	0.0123
33A	0.9	CFy Lr	LinStatic	-0.098	9.766E-04	9.766E-04	1.755E-04	0.0118
33A	0.	DIS01	Combination	35.452	-0.011	6.573E-08	6.927E-10	5.517E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33A	0.45	DIS01	Combination	35.452	2.406E-06	6.573E-08	6.927E-10	5.517E-04
33A	0.9	DIS01	Combination	35.452	0.011	6.573E-08	6.927E-10	5.516E-04
33A	0.	DIS02	Combination	35.427	-0.011	-6.573E-08	-6.927E-10	5.515E-04
33A	0.45	DIS02	Combination	35.427	-2.406E-06	-6.573E-08	-6.927E-10	5.515E-04
33A	0.9	DIS02	Combination	35.427	0.011	-6.573E-08	-6.927E-10	5.515E-04
33A	0.	DIS03	Combination	35.302	-9.209E-03	-2.487E-15	2.457E-04	0.0183
33A	0.45	DIS03	Combination	35.302	2.051E-03	2.252E-05	2.457E-04	0.0183
33A	0.9	DIS03	Combination	35.302	0.013	4.504E-05	2.457E-04	0.0183
33A	0.	DIS04	Combination	35.576	-0.013	-2.487E-15	-2.457E-04	-0.0172
33A	0.45	DIS04	Combination	35.576	-2.051E-03	-2.252E-05	-2.457E-04	-0.0172
33A	0.9	DIS04	Combination	35.576	9.209E-03	-4.504E-05	-2.457E-04	-0.0172
33A	0.	DIS05	Combination	42.875	-9.649E-03	6.881E-08	4.491E-10	6.670E-04
33A	0.45	DIS05	Combination	42.875	2.500E-06	6.881E-08	4.491E-10	6.669E-04
33A	0.9	DIS05	Combination	42.875	9.654E-03	6.881E-08	4.491E-10	6.669E-04
33A	0.	DIS06	Combination	42.844	-9.654E-03	-6.881E-08	-4.491E-10	6.667E-04
33A	0.45	DIS06	Combination	42.844	-2.500E-06	-6.881E-08	-4.491E-10	6.667E-04
33A	0.9	DIS06	Combination	42.844	9.649E-03	-6.881E-08	-4.491E-10	6.667E-04
33A	0.	DIS07	Combination	42.693	-7.406E-03	4.883E-04	2.983E-04	0.0222
33A	0.45	DIS07	Combination	42.693	2.246E-03	5.076E-04	2.983E-04	0.022
33A	0.9	DIS07	Combination	42.693	0.012	5.269E-04	2.983E-04	0.0218
33A	0.	DIS08	Combination	43.026	-0.012	-4.883E-04	-2.983E-04	-0.0209
33A	0.45	DIS08	Combination	43.026	-2.246E-03	-5.076E-04	-2.983E-04	-0.0207
33A	0.9	DIS08	Combination	43.026	7.406E-03	-5.269E-04	-2.983E-04	-0.0205
33A	0.	DIS09	Combination	30.387	-9.650E-03	5.634E-08	5.937E-10	4.729E-04
33A	0.45	DIS09	Combination	30.387	2.063E-06	5.634E-08	5.937E-10	4.729E-04
33A	0.9	DIS09	Combination	30.387	9.654E-03	5.634E-08	5.937E-10	4.728E-04
33A	0.	DIS10	Combination	30.366	-9.654E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.45	DIS10	Combination	30.366	-2.063E-06	-5.634E-08	-5.937E-10	4.727E-04
33A	0.9	DIS10	Combination	30.366	9.650E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.	DIS11	Combination	30.259	-7.894E-03	-2.132E-15	2.106E-04	0.0157
33A	0.45	DIS11	Combination	30.259	1.758E-03	1.930E-05	2.106E-04	0.0157
33A	0.9	DIS11	Combination	30.259	0.011	3.861E-05	2.106E-04	0.0157
33A	0.	DIS12	Combination	30.494	-0.011	-2.132E-15	-2.106E-04	-0.0148
33A	0.45	DIS12	Combination	30.494	-1.758E-03	-1.930E-05	-2.106E-04	-0.0148
33A	0.9	DIS12	Combination	30.494	7.894E-03	-3.861E-05	-2.106E-04	-0.0147
33A	0.	DIS13	Combination	30.387	-9.650E-03	5.634E-08	5.937E-10	4.729E-04
33A	0.45	DIS13	Combination	30.387	2.063E-06	5.634E-08	5.937E-10	4.729E-04
33A	0.9	DIS13	Combination	30.387	9.654E-03	5.634E-08	5.937E-10	4.728E-04
33A	0.	DIS14	Combination	30.366	-9.654E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.45	DIS14	Combination	30.366	-2.063E-06	-5.634E-08	-5.937E-10	4.727E-04
33A	0.9	DIS14	Combination	30.366	9.650E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.	DIS15	Combination	30.259	-7.894E-03	-2.132E-15	2.106E-04	0.0157
33A	0.45	DIS15	Combination	30.259	1.758E-03	1.930E-05	2.106E-04	0.0157
33A	0.9	DIS15	Combination	30.259	0.011	3.861E-05	2.106E-04	0.0157
33A	0.	DIS16	Combination	30.494	-0.011	-2.132E-15	-2.106E-04	-0.0148
33A	0.45	DIS16	Combination	30.494	-1.758E-03	-1.930E-05	-2.106E-04	-0.0148
33A	0.9	DIS16	Combination	30.494	7.894E-03	-3.861E-05	-2.106E-04	-0.0147
33A	0.	DIS17	Combination	70.347	-9.648E-03	9.623E-08	1.309E-10	0.0011
33A	0.45	DIS17	Combination	70.347	3.461E-06	9.623E-08	1.309E-10	0.0011
33A	0.9	DIS17	Combination	70.347	9.655E-03	9.623E-08	1.309E-10	0.0011
33A	0.	DIS18	Combination	70.298	-9.655E-03	-9.623E-08	-1.309E-10	0.0011
33A	0.45	DIS18	Combination	70.298	-3.461E-06	-9.623E-08	-1.309E-10	0.0011
33A	0.9	DIS18	Combination	70.298	9.648E-03	-9.623E-08	-1.309E-10	0.0011
33A	0.	DIS19	Combination	70.049	-6.331E-03	1.562E-03	4.913E-04	0.0366

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33A	0.45	DIS19	Combination	70.049	3.320E-03	1.582E-03	4.913E-04	0.0359
33A	0.9	DIS19	Combination	70.049	0.013	1.601E-03	4.913E-04	0.0352
33A	0.	DIS20	Combination	70.597	-0.013	-1.563E-03	-4.913E-04	-0.0345
33A	0.45	DIS20	Combination	70.597	-3.320E-03	-1.582E-03	-4.913E-04	-0.0337
33A	0.9	DIS20	Combination	70.597	6.331E-03	-1.601E-03	-4.913E-04	-0.033
33A	0.	DIS21	Combination	30.387	-9.650E-03	5.634E-08	5.937E-10	4.729E-04
33A	0.45	DIS21	Combination	30.387	2.063E-06	5.634E-08	5.937E-10	4.729E-04
33A	0.9	DIS21	Combination	30.387	9.654E-03	5.634E-08	5.937E-10	4.728E-04
33A	0.	DIS22	Combination	30.366	-9.654E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.45	DIS22	Combination	30.366	-2.063E-06	-5.634E-08	-5.937E-10	4.727E-04
33A	0.9	DIS22	Combination	30.366	9.650E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.	DIS23	Combination	30.259	-7.894E-03	-2.132E-15	2.106E-04	0.0157
33A	0.45	DIS23	Combination	30.259	1.758E-03	1.930E-05	2.106E-04	0.0157
33A	0.9	DIS23	Combination	30.259	0.011	3.861E-05	2.106E-04	0.0157
33A	0.	DIS24	Combination	30.494	-0.011	-2.132E-15	-2.106E-04	-0.0148
33A	0.45	DIS24	Combination	30.494	-1.758E-03	-1.930E-05	-2.106E-04	-0.0148
33A	0.9	DIS24	Combination	30.494	7.894E-03	-3.861E-05	-2.106E-04	-0.0147
33A	0.	DIS25	Combination	30.387	-9.650E-03	5.634E-08	5.937E-10	4.729E-04
33A	0.45	DIS25	Combination	30.387	2.063E-06	5.634E-08	5.937E-10	4.729E-04
33A	0.9	DIS25	Combination	30.387	9.654E-03	5.634E-08	5.937E-10	4.728E-04
33A	0.	DIS26	Combination	30.366	-9.654E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.45	DIS26	Combination	30.366	-2.063E-06	-5.634E-08	-5.937E-10	4.727E-04
33A	0.9	DIS26	Combination	30.366	9.650E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.	DIS27	Combination	30.259	-7.894E-03	-2.132E-15	2.106E-04	0.0157
33A	0.45	DIS27	Combination	30.259	1.758E-03	1.930E-05	2.106E-04	0.0157
33A	0.9	DIS27	Combination	30.259	0.011	3.861E-05	2.106E-04	0.0157
33A	0.	DIS28	Combination	30.494	-0.011	-2.132E-15	-2.106E-04	-0.0148
33A	0.45	DIS28	Combination	30.494	-1.758E-03	-1.930E-05	-2.106E-04	-0.0148
33A	0.9	DIS28	Combination	30.494	7.894E-03	-3.861E-05	-2.106E-04	-0.0147
33A	0.	DIS29	Combination	77.354	-9.652E-03	-2.132E-15	1.920E-16	0.0012
33A	0.45	DIS29	Combination	77.354	5.307E-16	-2.132E-15	1.920E-16	0.0012
33A	0.9	DIS29	Combination	77.354	9.652E-03	-2.132E-15	1.920E-16	0.0012
33A	0.	DIS30	Combination	77.354	-9.652E-03	-2.132E-15	1.920E-16	0.0012
33A	0.45	DIS30	Combination	77.354	5.307E-16	-2.132E-15	1.920E-16	0.0012
33A	0.9	DIS30	Combination	77.354	9.652E-03	-2.132E-15	1.920E-16	0.0012
33A	0.	DIS31	Combination	81.01	-9.652E-03	-2.132E-15	2.006E-16	0.0013
33A	0.45	DIS31	Combination	81.01	6.750E-16	-2.132E-15	2.006E-16	0.0013
33A	0.9	DIS31	Combination	81.01	9.652E-03	-2.132E-15	2.006E-16	0.0013
33A	0.	DIS32	Combination	37.408	-9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.45	DIS32	Combination	37.408	-5.352E-16	-2.132E-15	9.350E-17	5.821E-04
33A	0.9	DIS32	Combination	37.408	9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.	DIS33	Combination	37.408	-9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.45	DIS33	Combination	37.408	-5.352E-16	-2.132E-15	9.350E-17	5.821E-04
33A	0.9	DIS33	Combination	37.408	9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.	DIS34	Combination	41.064	-9.652E-03	-2.132E-15	1.021E-16	6.389E-04
33A	0.45	DIS34	Combination	41.064	-3.908E-16	-2.132E-15	1.021E-16	6.389E-04
33A	0.9	DIS34	Combination	41.064	9.652E-03	-2.132E-15	1.021E-16	6.389E-04
33A	0.	DIS35	Combination	37.408	-9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.45	DIS35	Combination	37.408	-5.352E-16	-2.132E-15	9.350E-17	5.821E-04
33A	0.9	DIS35	Combination	37.408	9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.	DIS36	Combination	37.408	-9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.45	DIS36	Combination	37.408	-5.352E-16	-2.132E-15	9.350E-17	5.821E-04
33A	0.9	DIS36	Combination	37.408	9.652E-03	-2.132E-15	9.350E-17	5.821E-04
33A	0.	DIS37	Combination	41.064	-9.652E-03	-2.132E-15	1.021E-16	6.389E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33A	0.45	DIS37	Combination	41.064	-3.908E-16	-2.132E-15	1.021E-16	6.389E-04
33A	0.9	DIS37	Combination	41.064	9.652E-03	-2.132E-15	1.021E-16	6.389E-04
33A	0.	DIS38	Combination	56.922	-9.652E-03	-2.132E-15	1.408E-16	8.854E-04
33A	0.45	DIS38	Combination	56.922	7.546E-17	-2.132E-15	1.408E-16	8.854E-04
33A	0.9	DIS38	Combination	56.922	9.652E-03	-2.132E-15	1.408E-16	8.854E-04
33A	0.	DIS39	Combination	56.922	-9.652E-03	-2.132E-15	1.408E-16	8.854E-04
33A	0.45	DIS39	Combination	56.922	7.546E-17	-2.132E-15	1.408E-16	8.854E-04
33A	0.9	DIS39	Combination	56.922	9.652E-03	-2.132E-15	1.408E-16	8.854E-04
33A	0.	DIS40	Combination	63.954	-9.652E-03	-2.132E-15	1.573E-16	9.947E-04
33A	0.45	DIS40	Combination	63.954	3.530E-16	-2.132E-15	1.573E-16	9.947E-04
33A	0.9	DIS40	Combination	63.954	9.652E-03	-2.132E-15	1.573E-16	9.947E-04
33A	0.	DIS41	Combination	44.439	-9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.45	DIS41	Combination	44.439	-2.576E-16	-2.132E-15	1.100E-16	6.914E-04
33A	0.9	DIS41	Combination	44.439	9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.	DIS42	Combination	44.439	-9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.45	DIS42	Combination	44.439	-2.576E-16	-2.132E-15	1.100E-16	6.914E-04
33A	0.9	DIS42	Combination	44.439	9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.	DIS43	Combination	51.47	-9.652E-03	-2.132E-15	1.265E-16	8.007E-04
33A	0.45	DIS43	Combination	51.47	1.995E-17	-2.132E-15	1.265E-16	8.007E-04
33A	0.9	DIS43	Combination	51.47	9.652E-03	-2.132E-15	1.265E-16	8.007E-04
33A	0.	DIS44	Combination	44.439	-9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.45	DIS44	Combination	44.439	-2.576E-16	-2.132E-15	1.100E-16	6.914E-04
33A	0.9	DIS44	Combination	44.439	9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.	DIS45	Combination	44.439	-9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.45	DIS45	Combination	44.439	-2.576E-16	-2.132E-15	1.100E-16	6.914E-04
33A	0.9	DIS45	Combination	44.439	9.652E-03	-2.132E-15	1.100E-16	6.914E-04
33A	0.	DIS46	Combination	51.47	-9.652E-03	-2.132E-15	1.265E-16	8.007E-04
33A	0.45	DIS46	Combination	51.47	1.995E-17	-2.132E-15	1.265E-16	8.007E-04
33A	0.9	DIS46	Combination	51.47	9.652E-03	-2.132E-15	1.265E-16	8.007E-04
33A	0.	DIS47	Combination	30.387	-9.650E-03	5.634E-08	5.937E-10	4.729E-04
33A	0.45	DIS47	Combination	30.387	2.063E-06	5.634E-08	5.937E-10	4.729E-04
33A	0.9	DIS47	Combination	30.387	9.654E-03	5.634E-08	5.937E-10	4.728E-04
33A	0.	DIS48	Combination	30.366	-9.654E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.45	DIS48	Combination	30.366	-2.063E-06	-5.634E-08	-5.937E-10	4.727E-04
33A	0.9	DIS48	Combination	30.366	9.650E-03	-5.634E-08	-5.937E-10	4.727E-04
33A	0.	DIS49	Combination	30.259	-7.894E-03	-2.132E-15	2.106E-04	0.0157
33A	0.45	DIS49	Combination	30.259	1.758E-03	1.930E-05	2.106E-04	0.0157
33A	0.9	DIS49	Combination	30.259	0.011	3.861E-05	2.106E-04	0.0157
33A	0.	DIS50	Combination	30.494	-0.011	-2.132E-15	-2.106E-04	-0.0148
33A	0.45	DIS50	Combination	30.494	-1.758E-03	-1.930E-05	-2.106E-04	-0.0148
33A	0.9	DIS50	Combination	30.494	7.894E-03	-3.861E-05	-2.106E-04	-0.0147
33A	0.	DIS51	Combination	36.845	-7.239E-03	-1.599E-15	9.073E-17	5.732E-04
33A	0.45	DIS51	Combination	36.845	-5.443E-17	-1.599E-15	9.073E-17	5.732E-04
33A	0.9	DIS51	Combination	36.845	7.239E-03	-1.599E-15	9.073E-17	5.732E-04
33A	0.	DIS52	Combination	36.845	-7.239E-03	-1.599E-15	9.073E-17	5.732E-04
33A	0.45	DIS52	Combination	36.845	-5.443E-17	-1.599E-15	9.073E-17	5.732E-04
33A	0.9	DIS52	Combination	36.845	7.239E-03	-1.599E-15	9.073E-17	5.732E-04
33A	0.	DIS53	Combination	43.876	-7.239E-03	-1.599E-15	1.072E-16	6.825E-04
33A	0.45	DIS53	Combination	43.876	2.231E-16	-1.599E-15	1.072E-16	6.825E-04
33A	0.9	DIS53	Combination	43.876	7.239E-03	-1.599E-15	1.072E-16	6.825E-04
33A	0.	DIS54	Combination	22.79	-7.237E-03	4.226E-08	4.453E-10	3.547E-04
33A	0.45	DIS54	Combination	22.79	1.547E-06	4.226E-08	4.453E-10	3.546E-04
33A	0.9	DIS54	Combination	22.79	7.240E-03	4.226E-08	4.453E-10	3.546E-04
33A	0.	DIS55	Combination	22.774	-7.240E-03	-4.226E-08	-4.453E-10	3.545E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33A	0.45	DIS55	Combination	22.774	-1.547E-06	-4.226E-08	-4.453E-10	3.545E-04
33A	0.9	DIS55	Combination	22.774	7.237E-03	-4.226E-08	-4.453E-10	3.545E-04
33A	0.	DIS56	Combination	22.694	-5.920E-03	-1.599E-15	1.579E-04	0.0118
33A	0.45	DIS56	Combination	22.694	1.318E-03	1.448E-05	1.579E-04	0.0118
33A	0.9	DIS56	Combination	22.694	8.557E-03	2.895E-05	1.579E-04	0.0118
33A	0.	DIS57	Combination	22.87	-8.557E-03	-1.599E-15	-1.579E-04	-0.0111
33A	0.45	DIS57	Combination	22.87	-1.318E-03	-1.448E-05	-1.579E-04	-0.0111
33A	0.9	DIS57	Combination	22.87	5.920E-03	-2.895E-05	-1.579E-04	-0.0111
33B	0.	DEAD	LinStatic	23.75	-5.444E-03	1.663E-04	3.490E-06	4.022E-04
33B	0.45	DEAD	LinStatic	23.75	2.599E-03	1.663E-04	3.490E-06	3.274E-04
33B	0.9	DEAD	LinStatic	23.75	0.011	1.663E-04	3.490E-06	2.525E-04
33B	0.	L	LinStatic	0.	0.	0.	0.	0.
33B	0.45	L	LinStatic	0.	0.	0.	0.	0.
33B	0.9	L	LinStatic	0.	0.	0.	0.	0.
33B	0.	Lr	LinStatic	23.425	2.587E-03	1.675E-04	3.543E-06	3.960E-04
33B	0.45	Lr	LinStatic	23.425	2.587E-03	1.675E-04	3.543E-06	3.206E-04
33B	0.9	Lr	LinStatic	23.425	2.587E-03	1.675E-04	3.543E-06	2.453E-04
33B	0.	G	LinStatic	0.	0.	0.	0.	0.
33B	0.45	G	LinStatic	0.	0.	0.	0.	0.
33B	0.9	G	LinStatic	0.	0.	0.	0.	0.
33B	0.	Le	LinStatic	0.	0.	0.	0.	0.
33B	0.45	Le	LinStatic	0.	0.	0.	0.	0.
33B	0.9	Le	LinStatic	0.	0.	0.	0.	0.
33B	0.	Wx	LinStatic	13.194	1.457E-03	9.433E-05	1.996E-06	2.230E-04
33B	0.45	Wx	LinStatic	13.194	1.457E-03	9.433E-05	1.996E-06	1.806E-04
33B	0.9	Wx	LinStatic	13.194	1.457E-03	9.433E-05	1.996E-06	1.382E-04
33B	0.	Wy	LinStatic	13.194	1.457E-03	9.433E-05	1.996E-06	2.230E-04
33B	0.45	Wy	LinStatic	13.194	1.457E-03	9.433E-05	1.996E-06	1.806E-04
33B	0.9	Wy	LinStatic	13.194	1.457E-03	9.433E-05	1.996E-06	1.382E-04
33B	0.	CFx D	LinStatic	6.719E-03	1.663E-06	4.803E-08	5.978E-10	7.452E-08
33B	0.45	CFx D	LinStatic	6.702E-03	1.663E-06	4.803E-08	5.978E-10	5.291E-08
33B	0.9	CFx D	LinStatic	6.686E-03	1.663E-06	4.803E-08	5.978E-10	3.129E-08
33B	0.	CFy D	LinStatic	-0.079	9.766E-04	-3.906E-03	1.450E-04	0.0112
33B	0.45	CFy D	LinStatic	-0.079	9.766E-04	-3.890E-03	1.450E-04	0.013
33B	0.9	CFy D	LinStatic	-0.079	9.766E-04	-3.874E-03	1.450E-04	0.0147
33B	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
33B	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
33B	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
33B	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
33B	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
33B	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
33B	0.	CFx Lr	LinStatic	6.601E-03	8.213E-07	2.572E-08	-1.994E-10	6.386E-08
33B	0.45	CFx Lr	LinStatic	6.601E-03	8.213E-07	2.572E-08	-1.994E-10	5.229E-08
33B	0.9	CFx Lr	LinStatic	6.601E-03	8.213E-07	2.572E-08	-1.994E-10	4.071E-08
33B	0.	CFy Lr	LinStatic	-0.08	9.766E-04	-1.953E-03	1.602E-04	0.0107
33B	0.45	CFy Lr	LinStatic	-0.08	9.766E-04	-1.953E-03	1.602E-04	0.0116
33B	0.9	CFy Lr	LinStatic	-0.08	9.766E-04	-1.953E-03	1.602E-04	0.0125
33B	0.	DIS01	Combination	33.259	-7.619E-03	2.330E-04	4.887E-06	5.632E-04
33B	0.45	DIS01	Combination	33.259	3.642E-03	2.330E-04	4.887E-06	4.584E-04
33B	0.9	DIS01	Combination	33.259	0.015	2.330E-04	4.887E-06	3.536E-04
33B	0.	DIS02	Combination	33.24	-7.623E-03	2.328E-04	4.886E-06	5.630E-04
33B	0.45	DIS02	Combination	33.24	3.637E-03	2.328E-04	4.886E-06	4.582E-04
33B	0.9	DIS02	Combination	33.24	0.015	2.328E-04	4.886E-06	3.535E-04
33B	0.	DIS03	Combination	33.139	-6.254E-03	-5.236E-03	2.078E-04	0.0163

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33B	0.45	DIS03	Combination	33.139	5.006E-03	-5.213E-03	2.078E-04	0.0186
33B	0.9	DIS03	Combination	33.139	0.016	-5.191E-03	2.078E-04	0.021
33B	0.	DIS04	Combination	33.361	-8.988E-03	5.702E-03	-1.981E-04	-0.0152
33B	0.45	DIS04	Combination	33.361	2.272E-03	5.679E-03	-1.981E-04	-0.0177
33B	0.9	DIS04	Combination	33.361	0.014	5.657E-03	-1.981E-04	-0.0203
33B	0.	DIS05	Combination	40.224	-5.236E-03	2.834E-04	5.961E-06	6.808E-04
33B	0.45	DIS05	Combination	40.224	4.415E-03	2.834E-04	5.961E-06	5.533E-04
33B	0.9	DIS05	Combination	40.223	0.014	2.834E-04	5.961E-06	4.257E-04
33B	0.	DIS06	Combination	40.201	-5.241E-03	2.833E-04	5.959E-06	6.805E-04
33B	0.45	DIS06	Combination	40.201	4.410E-03	2.833E-04	5.959E-06	5.531E-04
33B	0.9	DIS06	Combination	40.201	0.014	2.833E-04	5.959E-06	4.256E-04
33B	0.	DIS07	Combination	40.077	-3.579E-03	-5.381E-03	2.600E-04	0.0195
33B	0.45	DIS07	Combination	40.077	6.073E-03	-5.361E-03	2.600E-04	0.0219
33B	0.9	DIS07	Combination	40.077	0.016	-5.342E-03	2.600E-04	0.0244
33B	0.	DIS08	Combination	40.347	-6.899E-03	5.947E-03	-2.481E-04	-0.0182
33B	0.45	DIS08	Combination	40.347	2.753E-03	5.928E-03	-2.481E-04	-0.0208
33B	0.9	DIS08	Combination	40.347	0.012	5.909E-03	-2.481E-04	-0.0235
33B	0.	DIS09	Combination	28.508	-6.530E-03	1.997E-04	4.189E-06	4.828E-04
33B	0.45	DIS09	Combination	28.508	3.121E-03	1.997E-04	4.189E-06	3.929E-04
33B	0.9	DIS09	Combination	28.508	0.013	1.997E-04	4.189E-06	3.031E-04
33B	0.	DIS10	Combination	28.492	-6.534E-03	1.996E-04	4.188E-06	4.826E-04
33B	0.45	DIS10	Combination	28.492	3.117E-03	1.996E-04	4.188E-06	3.928E-04
33B	0.9	DIS10	Combination	28.492	0.013	1.996E-04	4.188E-06	3.030E-04
33B	0.	DIS11	Combination	28.405	-5.360E-03	-4.488E-03	1.781E-04	0.014
33B	0.45	DIS11	Combination	28.405	4.291E-03	-4.469E-03	1.781E-04	0.016
33B	0.9	DIS11	Combination	28.405	0.014	-4.449E-03	1.781E-04	0.018
33B	0.	DIS12	Combination	28.595	-7.704E-03	4.887E-03	-1.698E-04	-0.013
33B	0.45	DIS12	Combination	28.595	1.947E-03	4.868E-03	-1.698E-04	-0.0152
33B	0.9	DIS12	Combination	28.595	0.012	4.849E-03	-1.698E-04	-0.0174
33B	0.	DIS13	Combination	28.508	-6.530E-03	1.997E-04	4.189E-06	4.828E-04
33B	0.45	DIS13	Combination	28.508	3.121E-03	1.997E-04	4.189E-06	3.929E-04
33B	0.9	DIS13	Combination	28.508	0.013	1.997E-04	4.189E-06	3.031E-04
33B	0.	DIS14	Combination	28.492	-6.534E-03	1.996E-04	4.188E-06	4.826E-04
33B	0.45	DIS14	Combination	28.492	3.117E-03	1.996E-04	4.188E-06	3.928E-04
33B	0.9	DIS14	Combination	28.492	0.013	1.996E-04	4.188E-06	3.030E-04
33B	0.	DIS15	Combination	28.405	-5.360E-03	-4.488E-03	1.781E-04	0.014
33B	0.45	DIS15	Combination	28.405	4.291E-03	-4.469E-03	1.781E-04	0.016
33B	0.9	DIS15	Combination	28.405	0.014	-4.449E-03	1.781E-04	0.018
33B	0.	DIS16	Combination	28.595	-7.704E-03	4.887E-03	-1.698E-04	-0.013
33B	0.45	DIS16	Combination	28.595	1.947E-03	4.868E-03	-1.698E-04	-0.0152
33B	0.9	DIS16	Combination	28.595	0.012	4.849E-03	-1.698E-04	-0.0174
33B	0.	DIS17	Combination	65.998	-2.390E-03	4.677E-04	9.858E-06	0.0011
33B	0.45	DIS17	Combination	65.998	7.262E-03	4.677E-04	9.858E-06	9.060E-04
33B	0.9	DIS17	Combination	65.998	0.017	4.677E-04	9.858E-06	6.956E-04
33B	0.	DIS18	Combination	65.961	-2.397E-03	4.675E-04	9.857E-06	0.0011
33B	0.45	DIS18	Combination	65.961	7.255E-03	4.675E-04	9.857E-06	9.057E-04
33B	0.9	DIS18	Combination	65.961	0.017	4.675E-04	9.857E-06	6.954E-04
33B	0.	DIS19	Combination	65.757	3.410E-04	-7.345E-03	4.402E-04	0.0318
33B	0.45	DIS19	Combination	65.757	9.993E-03	-7.326E-03	4.402E-04	0.0351
33B	0.9	DIS19	Combination	65.757	0.02	-7.306E-03	4.402E-04	0.0384
33B	0.	DIS20	Combination	66.202	-5.128E-03	8.280E-03	-4.204E-04	-0.0295
33B	0.45	DIS20	Combination	66.202	4.524E-03	8.261E-03	-4.204E-04	-0.0333
33B	0.9	DIS20	Combination	66.202	0.014	8.241E-03	-4.204E-04	-0.037
33B	0.	DIS21	Combination	28.508	-6.530E-03	1.997E-04	4.189E-06	4.828E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33B	0.45	DIS21	Combination	28.508	3.121E-03	1.997E-04	4.189E-06	3.929E-04
33B	0.9	DIS21	Combination	28.508	0.013	1.997E-04	4.189E-06	3.031E-04
33B	0.	DIS22	Combination	28.492	-6.534E-03	1.996E-04	4.188E-06	4.826E-04
33B	0.45	DIS22	Combination	28.492	3.117E-03	1.996E-04	4.188E-06	3.928E-04
33B	0.9	DIS22	Combination	28.492	0.013	1.996E-04	4.188E-06	3.030E-04
33B	0.	DIS23	Combination	28.405	-5.360E-03	-4.488E-03	1.781E-04	0.014
33B	0.45	DIS23	Combination	28.405	4.291E-03	-4.469E-03	1.781E-04	0.016
33B	0.9	DIS23	Combination	28.405	0.014	-4.449E-03	1.781E-04	0.018
33B	0.	DIS24	Combination	28.595	-7.704E-03	4.887E-03	-1.698E-04	-0.013
33B	0.45	DIS24	Combination	28.595	1.947E-03	4.868E-03	-1.698E-04	-0.0152
33B	0.9	DIS24	Combination	28.595	0.012	4.849E-03	-1.698E-04	-0.0174
33B	0.	DIS25	Combination	28.508	-6.530E-03	1.997E-04	4.189E-06	4.828E-04
33B	0.45	DIS25	Combination	28.508	3.121E-03	1.997E-04	4.189E-06	3.929E-04
33B	0.9	DIS25	Combination	28.508	0.013	1.997E-04	4.189E-06	3.031E-04
33B	0.	DIS26	Combination	28.492	-6.534E-03	1.996E-04	4.188E-06	4.826E-04
33B	0.45	DIS26	Combination	28.492	3.117E-03	1.996E-04	4.188E-06	3.928E-04
33B	0.9	DIS26	Combination	28.492	0.013	1.996E-04	4.188E-06	3.030E-04
33B	0.	DIS27	Combination	28.405	-5.360E-03	-4.488E-03	1.781E-04	0.014
33B	0.45	DIS27	Combination	28.405	4.291E-03	-4.469E-03	1.781E-04	0.016
33B	0.9	DIS27	Combination	28.405	0.014	-4.449E-03	1.781E-04	0.018
33B	0.	DIS28	Combination	28.595	-7.704E-03	4.887E-03	-1.698E-04	-0.013
33B	0.45	DIS28	Combination	28.595	1.947E-03	4.868E-03	-1.698E-04	-0.0152
33B	0.9	DIS28	Combination	28.595	0.012	4.849E-03	-1.698E-04	-0.0174
33B	0.	DIS29	Combination	72.577	-1.665E-03	5.147E-04	1.086E-05	0.0012
33B	0.45	DIS29	Combination	72.577	7.987E-03	5.147E-04	1.086E-05	9.962E-04
33B	0.9	DIS29	Combination	72.577	0.018	5.147E-04	1.086E-05	7.645E-04
33B	0.	DIS30	Combination	72.577	-1.665E-03	5.147E-04	1.086E-05	0.0012
33B	0.45	DIS30	Combination	72.577	7.987E-03	5.147E-04	1.086E-05	9.962E-04
33B	0.9	DIS30	Combination	72.577	0.018	5.147E-04	1.086E-05	7.645E-04
33B	0.	DIS31	Combination	76.007	-1.286E-03	5.392E-04	1.137E-05	0.0013
33B	0.45	DIS31	Combination	76.007	8.366E-03	5.392E-04	1.137E-05	0.001
33B	0.9	DIS31	Combination	76.007	0.018	5.392E-04	1.137E-05	8.004E-04
33B	0.	DIS32	Combination	35.097	-5.804E-03	2.468E-04	5.186E-06	5.942E-04
33B	0.45	DIS32	Combination	35.097	3.848E-03	2.468E-04	5.186E-06	4.831E-04
33B	0.9	DIS32	Combination	35.097	0.013	2.468E-04	5.186E-06	3.721E-04
33B	0.	DIS33	Combination	35.097	-5.804E-03	2.468E-04	5.186E-06	5.942E-04
33B	0.45	DIS33	Combination	35.097	3.848E-03	2.468E-04	5.186E-06	4.831E-04
33B	0.9	DIS33	Combination	35.097	0.013	2.468E-04	5.186E-06	3.721E-04
33B	0.	DIS34	Combination	38.527	-5.425E-03	2.713E-04	5.705E-06	6.522E-04
33B	0.45	DIS34	Combination	38.527	4.227E-03	2.713E-04	5.705E-06	5.301E-04
33B	0.9	DIS34	Combination	38.527	0.014	2.713E-04	5.705E-06	4.080E-04
33B	0.	DIS35	Combination	35.097	-5.804E-03	2.468E-04	5.186E-06	5.942E-04
33B	0.45	DIS35	Combination	35.097	3.848E-03	2.468E-04	5.186E-06	4.831E-04
33B	0.9	DIS35	Combination	35.097	0.013	2.468E-04	5.186E-06	3.721E-04
33B	0.	DIS36	Combination	35.097	-5.804E-03	2.468E-04	5.186E-06	5.942E-04
33B	0.45	DIS36	Combination	35.097	3.848E-03	2.468E-04	5.186E-06	4.831E-04
33B	0.9	DIS36	Combination	35.097	0.013	2.468E-04	5.186E-06	3.721E-04
33B	0.	DIS37	Combination	38.527	-5.425E-03	2.713E-04	5.705E-06	6.522E-04
33B	0.45	DIS37	Combination	38.527	4.227E-03	2.713E-04	5.705E-06	5.301E-04
33B	0.9	DIS37	Combination	38.527	0.014	2.713E-04	5.705E-06	4.080E-04
33B	0.	DIS38	Combination	53.406	-3.782E-03	3.777E-04	7.956E-06	9.037E-04
33B	0.45	DIS38	Combination	53.406	5.870E-03	3.777E-04	7.956E-06	7.338E-04
33B	0.9	DIS38	Combination	53.406	0.016	3.777E-04	7.956E-06	5.638E-04
33B	0.	DIS39	Combination	53.406	-3.782E-03	3.777E-04	7.956E-06	9.037E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33B	0.45	DIS39	Combination	53.406	5.870E-03	3.777E-04	7.956E-06	7.338E-04
33B	0.9	DIS39	Combination	53.406	0.016	3.777E-04	7.956E-06	5.638E-04
33B	0.	DIS40	Combination	60.004	-3.053E-03	4.248E-04	8.953E-06	0.001
33B	0.45	DIS40	Combination	60.004	6.598E-03	4.248E-04	8.953E-06	8.241E-04
33B	0.9	DIS40	Combination	60.004	0.016	4.248E-04	8.953E-06	6.329E-04
33B	0.	DIS41	Combination	41.694	-5.075E-03	2.939E-04	6.184E-06	7.057E-04
33B	0.45	DIS41	Combination	41.694	4.576E-03	2.939E-04	6.184E-06	5.734E-04
33B	0.9	DIS41	Combination	41.694	0.014	2.939E-04	6.184E-06	4.412E-04
33B	0.	DIS42	Combination	41.694	-5.075E-03	2.939E-04	6.184E-06	7.057E-04
33B	0.45	DIS42	Combination	41.694	4.576E-03	2.939E-04	6.184E-06	5.734E-04
33B	0.9	DIS42	Combination	41.694	0.014	2.939E-04	6.184E-06	4.412E-04
33B	0.	DIS43	Combination	48.291	-4.347E-03	3.411E-04	7.182E-06	8.172E-04
33B	0.45	DIS43	Combination	48.291	5.305E-03	3.411E-04	7.182E-06	6.637E-04
33B	0.9	DIS43	Combination	48.291	0.015	3.411E-04	7.182E-06	5.102E-04
33B	0.	DIS44	Combination	41.694	-5.075E-03	2.939E-04	6.184E-06	7.057E-04
33B	0.45	DIS44	Combination	41.694	4.576E-03	2.939E-04	6.184E-06	5.734E-04
33B	0.9	DIS44	Combination	41.694	0.014	2.939E-04	6.184E-06	4.412E-04
33B	0.	DIS45	Combination	41.694	-5.075E-03	2.939E-04	6.184E-06	7.057E-04
33B	0.45	DIS45	Combination	41.694	4.576E-03	2.939E-04	6.184E-06	5.734E-04
33B	0.9	DIS45	Combination	41.694	0.014	2.939E-04	6.184E-06	4.412E-04
33B	0.	DIS46	Combination	48.291	-4.347E-03	3.411E-04	7.182E-06	8.172E-04
33B	0.45	DIS46	Combination	48.291	5.305E-03	3.411E-04	7.182E-06	6.637E-04
33B	0.9	DIS46	Combination	48.291	0.015	3.411E-04	7.182E-06	5.102E-04
33B	0.	DIS47	Combination	28.508	-6.530E-03	1.997E-04	4.189E-06	4.828E-04
33B	0.45	DIS47	Combination	28.508	3.121E-03	1.997E-04	4.189E-06	3.929E-04
33B	0.9	DIS47	Combination	28.508	0.013	1.997E-04	4.189E-06	3.031E-04
33B	0.	DIS48	Combination	28.492	-6.534E-03	1.996E-04	4.188E-06	4.826E-04
33B	0.45	DIS48	Combination	28.492	3.117E-03	1.996E-04	4.188E-06	3.928E-04
33B	0.9	DIS48	Combination	28.492	0.013	1.996E-04	4.188E-06	3.030E-04
33B	0.	DIS49	Combination	28.405	-5.360E-03	-4.488E-03	1.781E-04	0.014
33B	0.45	DIS49	Combination	28.405	4.291E-03	-4.469E-03	1.781E-04	0.016
33B	0.9	DIS49	Combination	28.405	0.014	-4.449E-03	1.781E-04	0.018
33B	0.	DIS50	Combination	28.595	-7.704E-03	4.887E-03	-1.698E-04	-0.013
33B	0.45	DIS50	Combination	28.595	1.947E-03	4.868E-03	-1.698E-04	-0.0152
33B	0.9	DIS50	Combination	28.595	0.012	4.849E-03	-1.698E-04	-0.0174
33B	0.	DIS51	Combination	34.569	-3.442E-03	2.440E-04	5.137E-06	5.851E-04
33B	0.45	DIS51	Combination	34.569	3.797E-03	2.440E-04	5.137E-06	4.752E-04
33B	0.9	DIS51	Combination	34.569	0.011	2.440E-04	5.137E-06	3.654E-04
33B	0.	DIS52	Combination	34.569	-3.442E-03	2.440E-04	5.137E-06	5.851E-04
33B	0.45	DIS52	Combination	34.569	3.797E-03	2.440E-04	5.137E-06	4.752E-04
33B	0.9	DIS52	Combination	34.569	0.011	2.440E-04	5.137E-06	3.654E-04
33B	0.	DIS53	Combination	41.166	-2.714E-03	2.912E-04	6.135E-06	6.966E-04
33B	0.45	DIS53	Combination	41.166	4.525E-03	2.912E-04	6.135E-06	5.655E-04
33B	0.9	DIS53	Combination	41.166	0.012	2.912E-04	6.135E-06	4.345E-04
33B	0.	DIS54	Combination	21.381	-4.898E-03	1.498E-04	3.142E-06	3.621E-04
33B	0.45	DIS54	Combination	21.381	2.341E-03	1.498E-04	3.142E-06	2.947E-04
33B	0.9	DIS54	Combination	21.381	9.580E-03	1.498E-04	3.142E-06	2.273E-04
33B	0.	DIS55	Combination	21.369	-4.901E-03	1.497E-04	3.141E-06	3.619E-04
33B	0.45	DIS55	Combination	21.369	2.338E-03	1.497E-04	3.141E-06	2.946E-04
33B	0.9	DIS55	Combination	21.369	9.577E-03	1.497E-04	3.141E-06	2.272E-04
33B	0.	DIS56	Combination	21.303	-4.020E-03	-3.366E-03	1.336E-04	0.0105
33B	0.45	DIS56	Combination	21.303	3.218E-03	-3.351E-03	1.336E-04	0.012
33B	0.9	DIS56	Combination	21.303	0.01	-3.337E-03	1.336E-04	0.0135
33B	0.	DIS57	Combination	21.446	-5.778E-03	3.665E-03	-1.273E-04	-0.0097

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33B	0.45	DIS57	Combination	21.446	1.461E-03	3.651E-03	-1.273E-04	-0.0114
33B	0.9	DIS57	Combination	21.446	8.699E-03	3.636E-03	-1.273E-04	-0.013
33C	0.	DEAD	LinStatic	19.04	-3.514E-03	-1.689E-05	-3.989E-06	2.062E-04
33C	0.45	DEAD	LinStatic	19.04	4.529E-03	-1.689E-05	-3.989E-06	2.139E-04
33C	0.9	DEAD	LinStatic	19.04	0.013	-1.689E-05	-3.989E-06	2.215E-04
33C	0.	L	LinStatic	0.	0.	0.	0.	0.
33C	0.45	L	LinStatic	0.	0.	0.	0.	0.
33C	0.9	L	LinStatic	0.	0.	0.	0.	0.
33C	0.	Lr	LinStatic	18.78	4.371E-03	-2.188E-05	-3.990E-06	1.990E-04
33C	0.45	Lr	LinStatic	18.78	4.371E-03	-2.188E-05	-3.990E-06	2.089E-04
33C	0.9	Lr	LinStatic	18.78	4.371E-03	-2.188E-05	-3.990E-06	2.187E-04
33C	0.	G	LinStatic	0.	0.	0.	0.	0.
33C	0.45	G	LinStatic	0.	0.	0.	0.	0.
33C	0.9	G	LinStatic	0.	0.	0.	0.	0.
33C	0.	Le	LinStatic	0.	0.	0.	0.	0.
33C	0.45	Le	LinStatic	0.	0.	0.	0.	0.
33C	0.9	Le	LinStatic	0.	0.	0.	0.	0.
33C	0.	Wx	LinStatic	10.578	2.462E-03	-1.232E-05	-2.247E-06	1.121E-04
33C	0.45	Wx	LinStatic	10.578	2.462E-03	-1.232E-05	-2.247E-06	1.176E-04
33C	0.9	Wx	LinStatic	10.578	2.462E-03	-1.232E-05	-2.247E-06	1.232E-04
33C	0.	Wy	LinStatic	10.578	2.462E-03	-1.232E-05	-2.247E-06	1.121E-04
33C	0.45	Wy	LinStatic	10.578	2.462E-03	-1.232E-05	-2.247E-06	1.176E-04
33C	0.9	Wy	LinStatic	10.578	2.462E-03	-1.232E-05	-2.247E-06	1.232E-04
33C	0.	CFx D	LinStatic	4.486E-03	1.789E-06	5.298E-08	6.341E-10	5.911E-08
33C	0.45	CFx D	LinStatic	4.470E-03	1.789E-06	5.298E-08	6.341E-10	3.527E-08
33C	0.9	CFx D	LinStatic	4.454E-03	1.789E-06	5.298E-08	6.341E-10	1.142E-08
33C	0.	CFy D	LinStatic	-0.042	3.906E-03	0.	1.755E-04	0.0117
33C	0.45	CFy D	LinStatic	-0.042	3.906E-03	1.609E-05	1.755E-04	0.0117
33C	0.9	CFy D	LinStatic	-0.042	3.906E-03	3.217E-05	1.755E-04	0.0117
33C	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
33C	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
33C	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
33C	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
33C	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
33C	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
33C	0.	CFx Lr	LinStatic	4.401E-03	9.357E-07	3.056E-08	-1.580E-10	4.927E-08
33C	0.45	CFx Lr	LinStatic	4.401E-03	9.357E-07	3.056E-08	-1.580E-10	3.551E-08
33C	0.9	CFx Lr	LinStatic	4.401E-03	9.357E-07	3.056E-08	-1.580E-10	2.176E-08
33C	0.	CFy Lr	LinStatic	-0.043	1.953E-03	1.953E-03	1.755E-04	0.0117
33C	0.45	CFy Lr	LinStatic	-0.043	1.953E-03	1.953E-03	1.755E-04	0.0108
33C	0.9	CFy Lr	LinStatic	-0.043	1.953E-03	1.953E-03	1.755E-04	0.01
33C	0.	DIS01	Combination	26.662	-4.917E-03	-2.358E-05	-5.583E-06	2.888E-04
33C	0.45	DIS01	Combination	26.662	6.344E-03	-2.358E-05	-5.583E-06	2.994E-04
33C	0.9	DIS01	Combination	26.662	0.018	-2.358E-05	-5.583E-06	3.101E-04
33C	0.	DIS02	Combination	26.649	-4.922E-03	-2.373E-05	-5.585E-06	2.887E-04
33C	0.45	DIS02	Combination	26.649	6.339E-03	-2.373E-05	-5.585E-06	2.993E-04
33C	0.9	DIS02	Combination	26.649	0.018	-2.373E-05	-5.585E-06	3.100E-04
33C	0.	DIS03	Combination	26.597	5.495E-04	-2.365E-05	2.401E-04	0.0167
33C	0.45	DIS03	Combination	26.597	0.012	-1.132E-06	2.401E-04	0.0167
33C	0.9	DIS03	Combination	26.597	0.023	2.139E-05	2.401E-04	0.0167
33C	0.	DIS04	Combination	26.714	-0.01	-2.365E-05	-2.513E-04	-0.0161
33C	0.45	DIS04	Combination	26.714	8.723E-04	-4.617E-05	-2.513E-04	-0.0161
33C	0.9	DIS04	Combination	26.714	0.012	-6.869E-05	-2.513E-04	-0.0161
33C	0.	DIS05	Combination	32.245	-2.028E-03	-3.113E-05	-6.781E-06	3.471E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33C	0.45	DIS05	Combination	32.245	7.623E-03	-3.113E-05	-6.781E-06	3.611E-04
33C	0.9	DIS05	Combination	32.245	0.017	-3.113E-05	-6.781E-06	3.751E-04
33C	0.	DIS06	Combination	32.23	-2.033E-03	-3.129E-05	-6.782E-06	3.469E-04
33C	0.45	DIS06	Combination	32.23	7.618E-03	-3.129E-05	-6.782E-06	3.610E-04
33C	0.9	DIS06	Combination	32.23	0.017	-3.129E-05	-6.782E-06	3.751E-04
33C	0.	DIS07	Combination	32.166	3.633E-03	9.454E-04	2.915E-04	0.0203
33C	0.45	DIS07	Combination	32.166	0.013	9.647E-04	2.915E-04	0.0198
33C	0.9	DIS07	Combination	32.166	0.023	9.840E-04	2.915E-04	0.0194
33C	0.	DIS08	Combination	32.31	-7.695E-03	-1.008E-03	-3.051E-04	-0.0196
33C	0.45	DIS08	Combination	32.31	1.957E-03	-1.027E-03	-3.051E-04	-0.0191
33C	0.9	DIS08	Combination	32.31	0.012	-1.046E-03	-3.051E-04	-0.0187
33C	0.	DIS09	Combination	22.853	-4.214E-03	-2.021E-05	-4.785E-06	2.476E-04
33C	0.45	DIS09	Combination	22.853	5.437E-03	-2.021E-05	-4.785E-06	2.567E-04
33C	0.9	DIS09	Combination	22.853	0.015	-2.021E-05	-4.785E-06	2.658E-04
33C	0.	DIS10	Combination	22.842	-4.219E-03	-2.034E-05	-4.787E-06	2.474E-04
33C	0.45	DIS10	Combination	22.842	5.433E-03	-2.034E-05	-4.787E-06	2.566E-04
33C	0.9	DIS10	Combination	22.842	0.015	-2.034E-05	-4.787E-06	2.657E-04
33C	0.	DIS11	Combination	22.797	4.710E-04	-2.027E-05	2.058E-04	0.0143
33C	0.45	DIS11	Combination	22.797	0.01	-9.701E-07	2.058E-04	0.0143
33C	0.9	DIS11	Combination	22.797	0.02	1.833E-05	2.058E-04	0.0143
33C	0.	DIS12	Combination	22.898	-8.904E-03	-2.027E-05	-2.154E-04	-0.0138
33C	0.45	DIS12	Combination	22.898	7.477E-04	-3.958E-05	-2.154E-04	-0.0138
33C	0.9	DIS12	Combination	22.898	0.01	-5.888E-05	-2.154E-04	-0.0138
33C	0.	DIS13	Combination	22.853	-4.214E-03	-2.021E-05	-4.785E-06	2.476E-04
33C	0.45	DIS13	Combination	22.853	5.437E-03	-2.021E-05	-4.785E-06	2.567E-04
33C	0.9	DIS13	Combination	22.853	0.015	-2.021E-05	-4.785E-06	2.658E-04
33C	0.	DIS14	Combination	22.842	-4.219E-03	-2.034E-05	-4.787E-06	2.474E-04
33C	0.45	DIS14	Combination	22.842	5.433E-03	-2.034E-05	-4.787E-06	2.566E-04
33C	0.9	DIS14	Combination	22.842	0.015	-2.034E-05	-4.787E-06	2.657E-04
33C	0.	DIS15	Combination	22.797	4.710E-04	-2.027E-05	2.058E-04	0.0143
33C	0.45	DIS15	Combination	22.797	0.01	-9.701E-07	2.058E-04	0.0143
33C	0.9	DIS15	Combination	22.797	0.02	1.833E-05	2.058E-04	0.0143
33C	0.	DIS16	Combination	22.898	-8.904E-03	-2.027E-05	-2.154E-04	-0.0138
33C	0.45	DIS16	Combination	22.898	7.477E-04	-3.958E-05	-2.154E-04	-0.0138
33C	0.9	DIS16	Combination	22.898	0.01	-5.888E-05	-2.154E-04	-0.0138
33C	0.	DIS17	Combination	52.908	2.781E-03	-5.517E-05	-1.117E-05	5.661E-04
33C	0.45	DIS17	Combination	52.908	0.012	-5.517E-05	-1.117E-05	5.909E-04
33C	0.9	DIS17	Combination	52.908	0.022	-5.517E-05	-1.117E-05	6.157E-04
33C	0.	DIS18	Combination	52.883	2.774E-03	-5.539E-05	-1.117E-05	5.658E-04
33C	0.45	DIS18	Combination	52.883	0.012	-5.539E-05	-1.117E-05	5.907E-04
33C	0.9	DIS18	Combination	52.884	0.022	-5.539E-05	-1.117E-05	6.156E-04
33C	0.	DIS19	Combination	52.776	0.011	3.070E-03	4.802E-04	0.0334
33C	0.45	DIS19	Combination	52.776	0.02	3.089E-03	4.802E-04	0.032
33C	0.9	DIS19	Combination	52.776	0.03	3.108E-03	4.802E-04	0.0306
33C	0.	DIS20	Combination	53.016	-5.035E-03	-3.180E-03	-5.025E-04	-0.0322
33C	0.45	DIS20	Combination	53.016	4.617E-03	-3.200E-03	-5.025E-04	-0.0308
33C	0.9	DIS20	Combination	53.016	0.014	-3.219E-03	-5.025E-04	-0.0294
33C	0.	DIS21	Combination	22.853	-4.214E-03	-2.021E-05	-4.785E-06	2.476E-04
33C	0.45	DIS21	Combination	22.853	5.437E-03	-2.021E-05	-4.785E-06	2.567E-04
33C	0.9	DIS21	Combination	22.853	0.015	-2.021E-05	-4.785E-06	2.658E-04
33C	0.	DIS22	Combination	22.842	-4.219E-03	-2.034E-05	-4.787E-06	2.474E-04
33C	0.45	DIS22	Combination	22.842	5.433E-03	-2.034E-05	-4.787E-06	2.566E-04
33C	0.9	DIS22	Combination	22.842	0.015	-2.034E-05	-4.787E-06	2.657E-04
33C	0.	DIS23	Combination	22.797	4.710E-04	-2.027E-05	2.058E-04	0.0143

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33C	0.45	DIS23	Combination	22.797	0.01	-9.701E-07	2.058E-04	0.0143
33C	0.9	DIS23	Combination	22.797	0.02	1.833E-05	2.058E-04	0.0143
33C	0.	DIS24	Combination	22.898	-8.904E-03	-2.027E-05	-2.154E-04	-0.0138
33C	0.45	DIS24	Combination	22.898	7.477E-04	-3.958E-05	-2.154E-04	-0.0138
33C	0.9	DIS24	Combination	22.898	0.01	-5.888E-05	-2.154E-04	-0.0138
33C	0.	DIS25	Combination	22.853	-4.214E-03	-2.021E-05	-4.785E-06	2.476E-04
33C	0.45	DIS25	Combination	22.853	5.437E-03	-2.021E-05	-4.785E-06	2.567E-04
33C	0.9	DIS25	Combination	22.853	0.015	-2.021E-05	-4.785E-06	2.658E-04
33C	0.	DIS26	Combination	22.842	-4.219E-03	-2.034E-05	-4.787E-06	2.474E-04
33C	0.45	DIS26	Combination	22.842	5.433E-03	-2.034E-05	-4.787E-06	2.566E-04
33C	0.9	DIS26	Combination	22.842	0.015	-2.034E-05	-4.787E-06	2.657E-04
33C	0.	DIS27	Combination	22.797	4.710E-04	-2.027E-05	2.058E-04	0.0143
33C	0.45	DIS27	Combination	22.797	0.01	-9.701E-07	2.058E-04	0.0143
33C	0.9	DIS27	Combination	22.797	0.02	1.833E-05	2.058E-04	0.0143
33C	0.	DIS28	Combination	22.898	-8.904E-03	-2.027E-05	-2.154E-04	-0.0138
33C	0.45	DIS28	Combination	22.898	7.477E-04	-3.958E-05	-2.154E-04	-0.0138
33C	0.9	DIS28	Combination	22.898	0.01	-5.888E-05	-2.154E-04	-0.0138
33C	0.	DIS29	Combination	58.185	4.009E-03	-6.144E-05	-1.229E-05	6.220E-04
33C	0.45	DIS29	Combination	58.185	0.014	-6.144E-05	-1.229E-05	6.496E-04
33C	0.9	DIS29	Combination	58.185	0.023	-6.144E-05	-1.229E-05	6.773E-04
33C	0.	DIS30	Combination	58.185	4.009E-03	-6.144E-05	-1.229E-05	6.220E-04
33C	0.45	DIS30	Combination	58.185	0.014	-6.144E-05	-1.229E-05	6.496E-04
33C	0.9	DIS30	Combination	58.185	0.023	-6.144E-05	-1.229E-05	6.773E-04
33C	0.	DIS31	Combination	60.935	4.649E-03	-6.464E-05	-1.288E-05	6.511E-04
33C	0.45	DIS31	Combination	60.935	0.014	-6.464E-05	-1.288E-05	6.802E-04
33C	0.9	DIS31	Combination	60.935	0.024	-6.464E-05	-1.288E-05	7.093E-04
33C	0.	DIS32	Combination	28.137	-2.985E-03	-2.643E-05	-5.910E-06	3.035E-04
33C	0.45	DIS32	Combination	28.137	6.666E-03	-2.643E-05	-5.910E-06	3.154E-04
33C	0.9	DIS32	Combination	28.137	0.016	-2.643E-05	-5.910E-06	3.273E-04
33C	0.	DIS33	Combination	28.137	-2.985E-03	-2.643E-05	-5.910E-06	3.035E-04
33C	0.45	DIS33	Combination	28.137	6.666E-03	-2.643E-05	-5.910E-06	3.154E-04
33C	0.9	DIS33	Combination	28.137	0.016	-2.643E-05	-5.910E-06	3.273E-04
33C	0.	DIS34	Combination	30.887	-2.345E-03	-2.964E-05	-6.494E-06	3.327E-04
33C	0.45	DIS34	Combination	30.887	7.306E-03	-2.964E-05	-6.494E-06	3.460E-04
33C	0.9	DIS34	Combination	30.887	0.017	-2.964E-05	-6.494E-06	3.594E-04
33C	0.	DIS35	Combination	28.137	-2.985E-03	-2.643E-05	-5.910E-06	3.035E-04
33C	0.45	DIS35	Combination	28.137	6.666E-03	-2.643E-05	-5.910E-06	3.154E-04
33C	0.9	DIS35	Combination	28.137	0.016	-2.643E-05	-5.910E-06	3.273E-04
33C	0.	DIS36	Combination	28.137	-2.985E-03	-2.643E-05	-5.910E-06	3.035E-04
33C	0.45	DIS36	Combination	28.137	6.666E-03	-2.643E-05	-5.910E-06	3.154E-04
33C	0.9	DIS36	Combination	28.137	0.016	-2.643E-05	-5.910E-06	3.273E-04
33C	0.	DIS37	Combination	30.887	-2.345E-03	-2.964E-05	-6.494E-06	3.327E-04
33C	0.45	DIS37	Combination	30.887	7.306E-03	-2.964E-05	-6.494E-06	3.460E-04
33C	0.9	DIS37	Combination	30.887	0.017	-2.964E-05	-6.494E-06	3.594E-04
33C	0.	DIS38	Combination	42.816	4.313E-04	-4.354E-05	-9.029E-06	4.591E-04
33C	0.45	DIS38	Combination	42.816	0.01	-4.354E-05	-9.029E-06	4.787E-04
33C	0.9	DIS38	Combination	42.816	0.02	-4.354E-05	-9.029E-06	4.983E-04
33C	0.	DIS39	Combination	42.816	4.313E-04	-4.354E-05	-9.029E-06	4.591E-04
33C	0.45	DIS39	Combination	42.816	0.01	-4.354E-05	-9.029E-06	4.787E-04
33C	0.9	DIS39	Combination	42.816	0.02	-4.354E-05	-9.029E-06	4.983E-04
33C	0.	DIS40	Combination	48.105	1.662E-03	-4.970E-05	-1.015E-05	5.151E-04
33C	0.45	DIS40	Combination	48.105	0.011	-4.970E-05	-1.015E-05	5.375E-04
33C	0.9	DIS40	Combination	48.105	0.021	-4.970E-05	-1.015E-05	5.599E-04
33C	0.	DIS41	Combination	33.426	-1.754E-03	-3.260E-05	-7.034E-06	3.596E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33C	0.45	DIS41	Combination	33.426	7.897E-03	-3.260E-05	-7.034E-06	3.743E-04
33C	0.9	DIS41	Combination	33.426	0.018	-3.260E-05	-7.034E-06	3.889E-04
33C	0.	DIS42	Combination	33.426	-1.754E-03	-3.260E-05	-7.034E-06	3.596E-04
33C	0.45	DIS42	Combination	33.426	7.897E-03	-3.260E-05	-7.034E-06	3.743E-04
33C	0.9	DIS42	Combination	33.426	0.018	-3.260E-05	-7.034E-06	3.889E-04
33C	0.	DIS43	Combination	38.715	-5.232E-04	-3.876E-05	-8.157E-06	4.156E-04
33C	0.45	DIS43	Combination	38.715	9.128E-03	-3.876E-05	-8.157E-06	4.331E-04
33C	0.9	DIS43	Combination	38.715	0.019	-3.876E-05	-8.157E-06	4.505E-04
33C	0.	DIS44	Combination	33.426	-1.754E-03	-3.260E-05	-7.034E-06	3.596E-04
33C	0.45	DIS44	Combination	33.426	7.897E-03	-3.260E-05	-7.034E-06	3.743E-04
33C	0.9	DIS44	Combination	33.426	0.018	-3.260E-05	-7.034E-06	3.889E-04
33C	0.	DIS45	Combination	33.426	-1.754E-03	-3.260E-05	-7.034E-06	3.596E-04
33C	0.45	DIS45	Combination	33.426	7.897E-03	-3.260E-05	-7.034E-06	3.743E-04
33C	0.9	DIS45	Combination	33.426	0.018	-3.260E-05	-7.034E-06	3.889E-04
33C	0.	DIS46	Combination	38.715	-5.232E-04	-3.876E-05	-8.157E-06	4.156E-04
33C	0.45	DIS46	Combination	38.715	9.128E-03	-3.876E-05	-8.157E-06	4.331E-04
33C	0.9	DIS46	Combination	38.715	0.019	-3.876E-05	-8.157E-06	4.505E-04
33C	0.	DIS47	Combination	22.853	-4.214E-03	-2.021E-05	-4.785E-06	2.476E-04
33C	0.45	DIS47	Combination	22.853	5.437E-03	-2.021E-05	-4.785E-06	2.567E-04
33C	0.9	DIS47	Combination	22.853	0.015	-2.021E-05	-4.785E-06	2.658E-04
33C	0.	DIS48	Combination	22.842	-4.219E-03	-2.034E-05	-4.787E-06	2.474E-04
33C	0.45	DIS48	Combination	22.842	5.433E-03	-2.034E-05	-4.787E-06	2.566E-04
33C	0.9	DIS48	Combination	22.842	0.015	-2.034E-05	-4.787E-06	2.657E-04
33C	0.	DIS49	Combination	22.797	4.710E-04	-2.027E-05	2.058E-04	0.0143
33C	0.45	DIS49	Combination	22.797	0.01	-9.701E-07	2.058E-04	0.0143
33C	0.9	DIS49	Combination	22.797	0.02	1.833E-05	2.058E-04	0.0143
33C	0.	DIS50	Combination	22.898	-8.904E-03	-2.027E-05	-2.154E-04	-0.0138
33C	0.45	DIS50	Combination	22.898	7.477E-04	-3.958E-05	-2.154E-04	-0.0138
33C	0.9	DIS50	Combination	22.898	0.01	-5.888E-05	-2.154E-04	-0.0138
33C	0.	DIS51	Combination	27.714	-7.002E-04	-2.753E-05	-5.837E-06	2.977E-04
33C	0.45	DIS51	Combination	27.714	6.539E-03	-2.753E-05	-5.837E-06	3.101E-04
33C	0.9	DIS51	Combination	27.714	0.014	-2.753E-05	-5.837E-06	3.225E-04
33C	0.	DIS52	Combination	27.714	-7.002E-04	-2.753E-05	-5.837E-06	2.977E-04
33C	0.45	DIS52	Combination	27.714	6.539E-03	-2.753E-05	-5.837E-06	3.101E-04
33C	0.9	DIS52	Combination	27.714	0.014	-2.753E-05	-5.837E-06	3.225E-04
33C	0.	DIS53	Combination	33.003	5.309E-04	-3.369E-05	-6.961E-06	3.538E-04
33C	0.45	DIS53	Combination	33.003	7.770E-03	-3.369E-05	-6.961E-06	3.689E-04
33C	0.9	DIS53	Combination	33.003	0.015	-3.369E-05	-6.961E-06	3.841E-04
33C	0.	DIS54	Combination	17.14	-3.161E-03	-1.516E-05	-3.589E-06	1.857E-04
33C	0.45	DIS54	Combination	17.14	4.078E-03	-1.516E-05	-3.589E-06	1.925E-04
33C	0.9	DIS54	Combination	17.14	0.011	-1.516E-05	-3.589E-06	1.993E-04
33C	0.	DIS55	Combination	17.132	-3.164E-03	-1.525E-05	-3.590E-06	1.856E-04
33C	0.45	DIS55	Combination	17.132	4.075E-03	-1.525E-05	-3.590E-06	1.924E-04
33C	0.9	DIS55	Combination	17.132	0.011	-1.525E-05	-3.590E-06	1.993E-04
33C	0.	DIS56	Combination	17.098	3.533E-04	-1.521E-05	1.543E-04	0.0107
33C	0.45	DIS56	Combination	17.098	7.592E-03	-7.276E-07	1.543E-04	0.0107
33C	0.9	DIS56	Combination	17.098	0.015	1.375E-05	1.543E-04	0.0107
33C	0.	DIS57	Combination	17.173	-6.678E-03	-1.521E-05	-1.615E-04	-0.0104
33C	0.45	DIS57	Combination	17.173	5.607E-04	-2.968E-05	-1.615E-04	-0.0104
33C	0.9	DIS57	Combination	17.173	7.799E-03	-4.416E-05	-1.615E-04	-0.0103
33D	0.	DEAD	LinStatic	11.254	-1.752E-03	2.096E-03	7.117E-05	3.850E-04
33D	0.45	DEAD	LinStatic	11.254	6.291E-03	2.096E-03	7.117E-05	-5.582E-04
33D	0.9	DEAD	LinStatic	11.254	0.014	2.096E-03	7.117E-05	-0.0015
33D	0.	L	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33D	0.45	L	LinStatic	0.	0.	0.	0.	0.
33D	0.9	L	LinStatic	0.	0.	0.	0.	0.
33D	0.	Lr	LinStatic	11.105	6.606E-03	2.137E-03	7.229E-05	3.786E-04
33D	0.45	Lr	LinStatic	11.105	6.606E-03	2.137E-03	7.229E-05	-5.831E-04
33D	0.9	Lr	LinStatic	11.105	6.606E-03	2.137E-03	7.229E-05	-0.0015
33D	0.	G	LinStatic	0.	0.	0.	0.	0.
33D	0.45	G	LinStatic	0.	0.	0.	0.	0.
33D	0.9	G	LinStatic	0.	0.	0.	0.	0.
33D	0.	Le	LinStatic	0.	0.	0.	0.	0.
33D	0.45	Le	LinStatic	0.	0.	0.	0.	0.
33D	0.9	Le	LinStatic	0.	0.	0.	0.	0.
33D	0.	Wx	LinStatic	6.255	3.721E-03	1.204E-03	4.072E-05	2.132E-04
33D	0.45	Wx	LinStatic	6.255	3.721E-03	1.204E-03	4.072E-05	-3.285E-04
33D	0.9	Wx	LinStatic	6.255	3.721E-03	1.204E-03	4.072E-05	-8.701E-04
33D	0.	Wy	LinStatic	6.255	3.721E-03	1.204E-03	4.072E-05	2.132E-04
33D	0.45	Wy	LinStatic	6.255	3.721E-03	1.204E-03	4.072E-05	-3.285E-04
33D	0.9	Wy	LinStatic	6.255	3.721E-03	1.204E-03	4.072E-05	-8.701E-04
33D	0.	CFx D	LinStatic	2.253E-03	1.239E-06	1.196E-08	-2.240E-10	4.398E-08
33D	0.45	CFx D	LinStatic	2.236E-03	1.239E-06	1.196E-08	-2.240E-10	3.860E-08
33D	0.9	CFx D	LinStatic	2.220E-03	1.239E-06	1.196E-08	-2.240E-10	3.322E-08
33D	0.	CFy D	LinStatic	-0.027	9.766E-04	0.	2.289E-05	0.0107
33D	0.45	CFy D	LinStatic	-0.027	9.766E-04	1.609E-05	2.289E-05	0.0107
33D	0.9	CFy D	LinStatic	-0.027	9.766E-04	3.217E-05	2.289E-05	0.0107
33D	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
33D	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
33D	0.9	CFx L	LinStatic	0.	0.	0.	0.	0.
33D	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
33D	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
33D	0.9	CFy L	LinStatic	0.	0.	0.	0.	0.
33D	0.	CFx Lr	LinStatic	2.200E-03	4.443E-07	-1.359E-08	-1.206E-09	3.419E-08
33D	0.45	CFx Lr	LinStatic	2.200E-03	4.443E-07	-1.359E-08	-1.206E-09	4.030E-08
33D	0.9	CFx Lr	LinStatic	2.200E-03	4.443E-07	-1.359E-08	-1.206E-09	4.642E-08
33D	0.	CFy Lr	LinStatic	-0.028	0.	-1.953E-03	3.052E-05	0.0088
33D	0.45	CFy Lr	LinStatic	-0.028	0.	-1.953E-03	3.052E-05	0.0097
33D	0.9	CFy Lr	LinStatic	-0.028	0.	-1.953E-03	3.052E-05	0.0105
33D	0.	DIS01	Combination	15.758	-2.451E-03	2.935E-03	9.963E-05	5.391E-04
33D	0.45	DIS01	Combination	15.758	8.809E-03	2.935E-03	9.963E-05	-7.814E-04
33D	0.9	DIS01	Combination	15.758	0.02	2.935E-03	9.963E-05	-0.0021
33D	0.	DIS02	Combination	15.752	-2.455E-03	2.934E-03	9.963E-05	5.390E-04
33D	0.45	DIS02	Combination	15.752	8.806E-03	2.934E-03	9.963E-05	-7.815E-04
33D	0.9	DIS02	Combination	15.752	0.02	2.934E-03	9.963E-05	-0.0021
33D	0.	DIS03	Combination	15.718	-1.086E-03	2.934E-03	1.317E-04	0.0156
33D	0.45	DIS03	Combination	15.718	0.01	2.957E-03	1.317E-04	0.0143
33D	0.9	DIS03	Combination	15.718	0.021	2.980E-03	1.317E-04	0.0129
33D	0.	DIS04	Combination	15.793	-3.820E-03	2.934E-03	6.759E-05	-0.0145
33D	0.45	DIS04	Combination	15.793	7.440E-03	2.912E-03	6.759E-05	-0.0158
33D	0.9	DIS04	Combination	15.793	0.019	2.889E-03	6.759E-05	-0.0171
33D	0.	DIS05	Combination	19.061	1.202E-03	3.584E-03	1.215E-04	6.514E-04
33D	0.45	DIS05	Combination	19.061	0.011	3.584E-03	1.215E-04	-9.613E-04
33D	0.9	DIS05	Combination	19.061	0.021	3.584E-03	1.215E-04	-0.0026
33D	0.	DIS06	Combination	19.053	1.199E-03	3.584E-03	1.215E-04	6.513E-04
33D	0.45	DIS06	Combination	19.053	0.011	3.584E-03	1.215E-04	-9.615E-04
33D	0.9	DIS06	Combination	19.053	0.021	3.584E-03	1.215E-04	-0.0026
33D	0.	DIS07	Combination	19.011	2.373E-03	2.607E-03	1.643E-04	0.0179

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33D	0.45	DIS07	Combination	19.011	0.012	2.627E-03	1.643E-04	0.0168
33D	0.9	DIS07	Combination	19.011	0.022	2.646E-03	1.643E-04	0.0156
33D	0.	DIS08	Combination	19.103	2.881E-05	4.560E-03	7.882E-05	-0.0166
33D	0.45	DIS08	Combination	19.103	9.680E-03	4.541E-03	7.882E-05	-0.0187
33D	0.9	DIS08	Combination	19.103	0.019	4.522E-03	7.882E-05	-0.0207
33D	0.	DIS09	Combination	13.507	-2.101E-03	2.515E-03	8.540E-05	4.621E-04
33D	0.45	DIS09	Combination	13.507	7.551E-03	2.515E-03	8.540E-05	-6.698E-04
33D	0.9	DIS09	Combination	13.507	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS10	Combination	13.502	-2.104E-03	2.515E-03	8.540E-05	4.620E-04
33D	0.45	DIS10	Combination	13.502	7.548E-03	2.515E-03	8.540E-05	-6.699E-04
33D	0.9	DIS10	Combination	13.502	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS11	Combination	13.473	-9.306E-04	2.515E-03	1.129E-04	0.0134
33D	0.45	DIS11	Combination	13.473	8.721E-03	2.535E-03	1.129E-04	0.0122
33D	0.9	DIS11	Combination	13.473	0.018	2.554E-03	1.129E-04	0.0111
33D	0.	DIS12	Combination	13.536	-3.274E-03	2.515E-03	5.794E-05	-0.0124
33D	0.45	DIS12	Combination	13.536	6.377E-03	2.496E-03	5.794E-05	-0.0136
33D	0.9	DIS12	Combination	13.536	0.016	2.477E-03	5.794E-05	-0.0147
33D	0.	DIS13	Combination	13.507	-2.101E-03	2.515E-03	8.540E-05	4.621E-04
33D	0.45	DIS13	Combination	13.507	7.551E-03	2.515E-03	8.540E-05	-6.698E-04
33D	0.9	DIS13	Combination	13.507	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS14	Combination	13.502	-2.104E-03	2.515E-03	8.540E-05	4.620E-04
33D	0.45	DIS14	Combination	13.502	7.548E-03	2.515E-03	8.540E-05	-6.699E-04
33D	0.9	DIS14	Combination	13.502	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS15	Combination	13.473	-9.306E-04	2.515E-03	1.129E-04	0.0134
33D	0.45	DIS15	Combination	13.473	8.721E-03	2.535E-03	1.129E-04	0.0122
33D	0.9	DIS15	Combination	13.473	0.018	2.554E-03	1.129E-04	0.0111
33D	0.	DIS16	Combination	13.536	-3.274E-03	2.515E-03	5.794E-05	-0.0124
33D	0.45	DIS16	Combination	13.536	6.377E-03	2.496E-03	5.794E-05	-0.0136
33D	0.9	DIS16	Combination	13.536	0.016	2.477E-03	5.794E-05	-0.0147
33D	0.	DIS17	Combination	31.279	8.470E-03	5.935E-03	2.011E-04	0.0011
33D	0.45	DIS17	Combination	31.279	0.018	5.935E-03	2.011E-04	-0.0016
33D	0.9	DIS17	Combination	31.279	0.028	5.935E-03	2.011E-04	-0.0043
33D	0.	DIS18	Combination	31.267	8.465E-03	5.935E-03	2.011E-04	0.0011
33D	0.45	DIS18	Combination	31.267	0.018	5.935E-03	2.011E-04	-0.0016
33D	0.9	DIS18	Combination	31.267	0.028	5.935E-03	2.011E-04	-0.0043
33D	0.	DIS19	Combination	31.197	9.639E-03	2.810E-03	2.774E-04	0.028
33D	0.45	DIS19	Combination	31.197	0.019	2.829E-03	2.774E-04	0.0268
33D	0.9	DIS19	Combination	31.197	0.029	2.848E-03	2.774E-04	0.0255
33D	0.	DIS20	Combination	31.349	7.296E-03	9.060E-03	1.248E-04	-0.0259
33D	0.45	DIS20	Combination	31.349	0.017	9.040E-03	1.248E-04	-0.03
33D	0.9	DIS20	Combination	31.349	0.027	9.021E-03	1.248E-04	-0.034
33D	0.	DIS21	Combination	13.507	-2.101E-03	2.515E-03	8.540E-05	4.621E-04
33D	0.45	DIS21	Combination	13.507	7.551E-03	2.515E-03	8.540E-05	-6.698E-04
33D	0.9	DIS21	Combination	13.507	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS22	Combination	13.502	-2.104E-03	2.515E-03	8.540E-05	4.620E-04
33D	0.45	DIS22	Combination	13.502	7.548E-03	2.515E-03	8.540E-05	-6.699E-04
33D	0.9	DIS22	Combination	13.502	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS23	Combination	13.473	-9.306E-04	2.515E-03	1.129E-04	0.0134
33D	0.45	DIS23	Combination	13.473	8.721E-03	2.535E-03	1.129E-04	0.0122
33D	0.9	DIS23	Combination	13.473	0.018	2.554E-03	1.129E-04	0.0111
33D	0.	DIS24	Combination	13.536	-3.274E-03	2.515E-03	5.794E-05	-0.0124
33D	0.45	DIS24	Combination	13.536	6.377E-03	2.496E-03	5.794E-05	-0.0136
33D	0.9	DIS24	Combination	13.536	0.016	2.477E-03	5.794E-05	-0.0147
33D	0.	DIS25	Combination	13.507	-2.101E-03	2.515E-03	8.540E-05	4.621E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33D	0.45	DIS25	Combination	13.507	7.551E-03	2.515E-03	8.540E-05	-6.698E-04
33D	0.9	DIS25	Combination	13.507	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS26	Combination	13.502	-2.104E-03	2.515E-03	8.540E-05	4.620E-04
33D	0.45	DIS26	Combination	13.502	7.548E-03	2.515E-03	8.540E-05	-6.699E-04
33D	0.9	DIS26	Combination	13.502	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS27	Combination	13.473	-9.306E-04	2.515E-03	1.129E-04	0.0134
33D	0.45	DIS27	Combination	13.473	8.721E-03	2.535E-03	1.129E-04	0.0122
33D	0.9	DIS27	Combination	13.473	0.018	2.554E-03	1.129E-04	0.0111
33D	0.	DIS28	Combination	13.536	-3.274E-03	2.515E-03	5.794E-05	-0.0124
33D	0.45	DIS28	Combination	13.536	6.377E-03	2.496E-03	5.794E-05	-0.0136
33D	0.9	DIS28	Combination	13.536	0.016	2.477E-03	5.794E-05	-0.0147
33D	0.	DIS29	Combination	34.4	0.01	6.536E-03	2.214E-04	0.0012
33D	0.45	DIS29	Combination	34.4	0.02	6.536E-03	2.214E-04	-0.0018
33D	0.9	DIS29	Combination	34.4	0.03	6.536E-03	2.214E-04	-0.0047
33D	0.	DIS30	Combination	34.4	0.01	6.536E-03	2.214E-04	0.0012
33D	0.45	DIS30	Combination	34.4	0.02	6.536E-03	2.214E-04	-0.0018
33D	0.9	DIS30	Combination	34.4	0.03	6.536E-03	2.214E-04	-0.0047
33D	0.	DIS31	Combination	36.027	0.011	6.849E-03	2.320E-04	0.0012
33D	0.45	DIS31	Combination	36.027	0.021	6.849E-03	2.320E-04	-0.0019
33D	0.9	DIS31	Combination	36.027	0.031	6.849E-03	2.320E-04	-0.0049
33D	0.	DIS32	Combination	16.632	-2.419E-04	3.117E-03	1.058E-04	5.687E-04
33D	0.45	DIS32	Combination	16.632	9.410E-03	3.117E-03	1.058E-04	-8.341E-04
33D	0.9	DIS32	Combination	16.632	0.019	3.117E-03	1.058E-04	-0.0022
33D	0.	DIS33	Combination	16.632	-2.419E-04	3.117E-03	1.058E-04	5.687E-04
33D	0.45	DIS33	Combination	16.632	9.410E-03	3.117E-03	1.058E-04	-8.341E-04
33D	0.9	DIS33	Combination	16.632	0.019	3.117E-03	1.058E-04	-0.0022
33D	0.	DIS34	Combination	18.258	7.256E-04	3.430E-03	1.163E-04	6.241E-04
33D	0.45	DIS34	Combination	18.258	0.01	3.430E-03	1.163E-04	-9.195E-04
33D	0.9	DIS34	Combination	18.258	0.02	3.430E-03	1.163E-04	-0.0025
33D	0.	DIS35	Combination	16.632	-2.419E-04	3.117E-03	1.058E-04	5.687E-04
33D	0.45	DIS35	Combination	16.632	9.410E-03	3.117E-03	1.058E-04	-8.341E-04
33D	0.9	DIS35	Combination	16.632	0.019	3.117E-03	1.058E-04	-0.0022
33D	0.	DIS36	Combination	16.632	-2.419E-04	3.117E-03	1.058E-04	5.687E-04
33D	0.45	DIS36	Combination	16.632	9.410E-03	3.117E-03	1.058E-04	-8.341E-04
33D	0.9	DIS36	Combination	16.632	0.019	3.117E-03	1.058E-04	-0.0022
33D	0.	DIS37	Combination	18.258	7.256E-04	3.430E-03	1.163E-04	6.241E-04
33D	0.45	DIS37	Combination	18.258	0.01	3.430E-03	1.163E-04	-9.195E-04
33D	0.9	DIS37	Combination	18.258	0.02	3.430E-03	1.163E-04	-0.0025
33D	0.	DIS38	Combination	25.312	4.922E-03	4.788E-03	1.623E-04	8.645E-04
33D	0.45	DIS38	Combination	25.312	0.015	4.788E-03	1.623E-04	-0.0013
33D	0.9	DIS38	Combination	25.312	0.024	4.788E-03	1.623E-04	-0.0034
33D	0.	DIS39	Combination	25.312	4.922E-03	4.788E-03	1.623E-04	8.645E-04
33D	0.45	DIS39	Combination	25.312	0.015	4.788E-03	1.623E-04	-0.0013
33D	0.9	DIS39	Combination	25.312	0.024	4.788E-03	1.623E-04	-0.0034
33D	0.	DIS40	Combination	28.44	6.782E-03	5.389E-03	1.826E-04	9.712E-04
33D	0.45	DIS40	Combination	28.44	0.016	5.389E-03	1.826E-04	-0.0015
33D	0.9	DIS40	Combination	28.44	0.026	5.389E-03	1.826E-04	-0.0039
33D	0.	DIS41	Combination	19.76	1.619E-03	3.719E-03	1.261E-04	6.753E-04
33D	0.45	DIS41	Combination	19.76	0.011	3.719E-03	1.261E-04	-9.983E-04
33D	0.9	DIS41	Combination	19.76	0.021	3.719E-03	1.261E-04	-0.0027
33D	0.	DIS42	Combination	19.76	1.619E-03	3.719E-03	1.261E-04	6.753E-04
33D	0.45	DIS42	Combination	19.76	0.011	3.719E-03	1.261E-04	-9.983E-04
33D	0.9	DIS42	Combination	19.76	0.021	3.719E-03	1.261E-04	-0.0027
33D	0.	DIS43	Combination	22.887	3.479E-03	4.321E-03	1.465E-04	7.819E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33D	0.45	DIS43	Combination	22.887	0.013	4.321E-03	1.465E-04	-0.0012
33D	0.9	DIS43	Combination	22.887	0.023	4.321E-03	1.465E-04	-0.0031
33D	0.	DIS44	Combination	19.76	1.619E-03	3.719E-03	1.261E-04	6.753E-04
33D	0.45	DIS44	Combination	19.76	0.011	3.719E-03	1.261E-04	-9.983E-04
33D	0.9	DIS44	Combination	19.76	0.021	3.719E-03	1.261E-04	-0.0027
33D	0.	DIS45	Combination	19.76	1.619E-03	3.719E-03	1.261E-04	6.753E-04
33D	0.45	DIS45	Combination	19.76	0.011	3.719E-03	1.261E-04	-9.983E-04
33D	0.9	DIS45	Combination	19.76	0.021	3.719E-03	1.261E-04	-0.0027
33D	0.	DIS46	Combination	22.887	3.479E-03	4.321E-03	1.465E-04	7.819E-04
33D	0.45	DIS46	Combination	22.887	0.013	4.321E-03	1.465E-04	-0.0012
33D	0.9	DIS46	Combination	22.887	0.023	4.321E-03	1.465E-04	-0.0031
33D	0.	DIS47	Combination	13.507	-2.101E-03	2.515E-03	8.540E-05	4.621E-04
33D	0.45	DIS47	Combination	13.507	7.551E-03	2.515E-03	8.540E-05	-6.698E-04
33D	0.9	DIS47	Combination	13.507	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS48	Combination	13.502	-2.104E-03	2.515E-03	8.540E-05	4.620E-04
33D	0.45	DIS48	Combination	13.502	7.548E-03	2.515E-03	8.540E-05	-6.699E-04
33D	0.9	DIS48	Combination	13.502	0.017	2.515E-03	8.540E-05	-0.0018
33D	0.	DIS49	Combination	13.473	-9.306E-04	2.515E-03	1.129E-04	0.0134
33D	0.45	DIS49	Combination	13.473	8.721E-03	2.535E-03	1.129E-04	0.0122
33D	0.9	DIS49	Combination	13.473	0.018	2.554E-03	1.129E-04	0.0111
33D	0.	DIS50	Combination	13.536	-3.274E-03	2.515E-03	5.794E-05	-0.0124
33D	0.45	DIS50	Combination	13.536	6.377E-03	2.496E-03	5.794E-05	-0.0136
33D	0.9	DIS50	Combination	13.536	0.016	2.477E-03	5.794E-05	-0.0147
33D	0.	DIS51	Combination	16.384	2.144E-03	3.090E-03	1.048E-04	5.598E-04
33D	0.45	DIS51	Combination	16.384	9.383E-03	3.090E-03	1.048E-04	-8.308E-04
33D	0.9	DIS51	Combination	16.384	0.017	3.090E-03	1.048E-04	-0.0022
33D	0.	DIS52	Combination	16.384	2.144E-03	3.090E-03	1.048E-04	5.598E-04
33D	0.45	DIS52	Combination	16.384	9.383E-03	3.090E-03	1.048E-04	-8.308E-04
33D	0.9	DIS52	Combination	16.384	0.017	3.090E-03	1.048E-04	-0.0022
33D	0.	DIS53	Combination	19.511	4.005E-03	3.692E-03	1.251E-04	6.664E-04
33D	0.45	DIS53	Combination	19.511	0.011	3.692E-03	1.251E-04	-9.951E-04
33D	0.9	DIS53	Combination	19.511	0.018	3.692E-03	1.251E-04	-0.0027
33D	0.	DIS54	Combination	10.13	-1.576E-03	1.886E-03	6.405E-05	3.466E-04
33D	0.45	DIS54	Combination	10.13	5.663E-03	1.886E-03	6.405E-05	-5.023E-04
33D	0.9	DIS54	Combination	10.13	0.013	1.886E-03	6.405E-05	-0.0014
33D	0.	DIS55	Combination	10.126	-1.578E-03	1.886E-03	6.405E-05	3.465E-04
33D	0.45	DIS55	Combination	10.126	5.661E-03	1.886E-03	6.405E-05	-5.024E-04
33D	0.9	DIS55	Combination	10.126	0.013	1.886E-03	6.405E-05	-0.0014
33D	0.	DIS56	Combination	10.104	-6.979E-04	1.886E-03	8.465E-05	0.01
33D	0.45	DIS56	Combination	10.104	6.541E-03	1.901E-03	8.465E-05	0.0092
33D	0.9	DIS56	Combination	10.104	0.014	1.915E-03	8.465E-05	0.0083
33D	0.	DIS57	Combination	10.152	-2.456E-03	1.886E-03	4.345E-05	-0.0093
33D	0.45	DIS57	Combination	10.152	4.783E-03	1.872E-03	4.345E-05	-0.0102
33D	0.9	DIS57	Combination	10.152	0.012	1.858E-03	4.345E-05	-0.011
33E	0.	DEAD	LinStatic	0.105	0.041	-2.486E-03	-1.179E-05	-0.0029
33E	0.45	DEAD	LinStatic	0.105	0.049	-2.486E-03	-1.179E-05	-0.0018
33E	0.	L	LinStatic	0.	0.	0.	0.	0.
33E	0.45	L	LinStatic	0.	0.	0.	0.	0.
33E	0.	Lr	LinStatic	0.105	0.047	-2.497E-03	-1.169E-05	-0.0029
33E	0.45	Lr	LinStatic	0.105	0.047	-2.497E-03	-1.169E-05	-0.0018
33E	0.	G	LinStatic	0.	0.	0.	0.	0.
33E	0.45	G	LinStatic	0.	0.	0.	0.	0.
33E	0.	Le	LinStatic	0.	0.	0.	0.	0.
33E	0.45	Le	LinStatic	0.	0.	0.	0.	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33E	0.	Wx	LinStatic	0.059	0.026	-1.406E-03	-6.587E-06	-0.0016
33E	0.45	Wx	LinStatic	0.059	0.026	-1.406E-03	-6.587E-06	-0.001
33E	0.	Wy	LinStatic	0.059	0.026	-1.406E-03	-6.587E-06	-0.0016
33E	0.45	Wy	LinStatic	0.059	0.026	-1.406E-03	-6.587E-06	-0.001
33E	0.	CFx D	LinStatic	2.515E-05	4.785E-06	8.110E-08	2.000E-09	4.156E-08
33E	0.45	CFx D	LinStatic	9.065E-06	4.785E-06	8.110E-08	2.000E-09	5.067E-09
33E	0.	CFy D	LinStatic	-0.01	0.016	0.	9.155E-05	0.0039
33E	0.45	CFy D	LinStatic	-0.01	0.016	1.609E-05	9.155E-05	0.0039
33E	0.	CFx L	LinStatic	0.	0.	0.	0.	0.
33E	0.45	CFx L	LinStatic	0.	0.	0.	0.	0.
33E	0.	CFy L	LinStatic	0.	0.	0.	0.	0.
33E	0.45	CFy L	LinStatic	0.	0.	0.	0.	0.
33E	0.	CFx Lr	LinStatic	4.262E-06	3.216E-06	7.058E-08	1.121E-09	4.550E-08
33E	0.45	CFx Lr	LinStatic	4.262E-06	3.216E-06	7.058E-08	1.121E-09	1.374E-08
33E	0.	CFy Lr	LinStatic	-9.204E-03	7.813E-03	-0.016	1.068E-04	0.
33E	0.45	CFy Lr	LinStatic	-9.204E-03	7.813E-03	-0.016	1.068E-04	0.007
33E	0.	DIS01	Combination	0.147	0.057	-3.480E-03	-1.651E-05	-0.004
33E	0.45	DIS01	Combination	0.147	0.068	-3.480E-03	-1.651E-05	-0.0025
33E	0.	DIS02	Combination	0.147	0.057	-3.481E-03	-1.651E-05	-0.004
33E	0.45	DIS02	Combination	0.147	0.068	-3.481E-03	-1.651E-05	-0.0025
33E	0.	DIS03	Combination	0.132	0.079	-3.480E-03	1.117E-04	0.0014
33E	0.45	DIS03	Combination	0.132	0.09	-3.458E-03	1.117E-04	0.003
33E	0.	DIS04	Combination	0.161	0.035	-3.480E-03	-1.447E-04	-0.0095
33E	0.45	DIS04	Combination	0.161	0.047	-3.503E-03	-1.447E-04	-0.0079
33E	0.	DIS05	Combination	0.179	0.072	-4.231E-03	-2.000E-05	-0.0049
33E	0.45	DIS05	Combination	0.179	0.082	-4.231E-03	-2.000E-05	-0.003
33E	0.	DIS06	Combination	0.179	0.072	-4.232E-03	-2.000E-05	-0.0049
33E	0.45	DIS06	Combination	0.179	0.082	-4.232E-03	-2.000E-05	-0.003
33E	0.	DIS07	Combination	0.162	0.095	-0.012	1.433E-04	-2.378E-04
33E	0.45	DIS07	Combination	0.162	0.105	-0.012	1.433E-04	0.0052
33E	0.	DIS08	Combination	0.195	0.05	3.581E-03	-1.833E-04	-0.0096
33E	0.45	DIS08	Combination	0.195	0.059	3.562E-03	-1.833E-04	-0.0112
33E	0.	DIS09	Combination	0.126	0.049	-2.983E-03	-1.415E-05	-0.0035
33E	0.45	DIS09	Combination	0.126	0.059	-2.983E-03	-1.415E-05	-0.0021
33E	0.	DIS10	Combination	0.126	0.049	-2.983E-03	-1.416E-05	-0.0035
33E	0.45	DIS10	Combination	0.126	0.059	-2.983E-03	-1.416E-05	-0.0021
33E	0.	DIS11	Combination	0.113	0.068	-2.983E-03	9.571E-05	0.0012
33E	0.45	DIS11	Combination	0.113	0.077	-2.964E-03	9.571E-05	0.0026
33E	0.	DIS12	Combination	0.138	0.03	-2.983E-03	-1.240E-04	-0.0082
33E	0.45	DIS12	Combination	0.138	0.04	-3.003E-03	-1.240E-04	-0.0068
33E	0.	DIS13	Combination	0.126	0.049	-2.983E-03	-1.415E-05	-0.0035
33E	0.45	DIS13	Combination	0.126	0.059	-2.983E-03	-1.415E-05	-0.0021
33E	0.	DIS14	Combination	0.126	0.049	-2.983E-03	-1.416E-05	-0.0035
33E	0.45	DIS14	Combination	0.126	0.059	-2.983E-03	-1.416E-05	-0.0021
33E	0.	DIS15	Combination	0.113	0.068	-2.983E-03	9.571E-05	0.0012
33E	0.45	DIS15	Combination	0.113	0.077	-2.964E-03	9.571E-05	0.0026
33E	0.	DIS16	Combination	0.138	0.03	-2.983E-03	-1.240E-04	-0.0082
33E	0.45	DIS16	Combination	0.138	0.04	-3.003E-03	-1.240E-04	-0.0068
33E	0.	DIS17	Combination	0.295	0.124	-6.977E-03	-3.286E-05	-0.0081
33E	0.45	DIS17	Combination	0.295	0.133	-6.977E-03	-3.286E-05	-0.005
33E	0.	DIS18	Combination	0.294	0.124	-6.978E-03	-3.287E-05	-0.0081
33E	0.45	DIS18	Combination	0.294	0.133	-6.978E-03	-3.287E-05	-0.005
33E	0.	DIS19	Combination	0.267	0.155	-0.032	2.479E-04	-0.0034
33E	0.45	DIS19	Combination	0.267	0.165	-0.032	2.479E-04	0.0109

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33E	0.	DIS20	Combination	0.322	0.092	0.018	-3.136E-04	-0.0128
33E	0.45	DIS20	Combination	0.322	0.102	0.018	-3.136E-04	-0.0209
33E	0.	DIS21	Combination	0.126	0.049	-2.983E-03	-1.415E-05	-0.0035
33E	0.45	DIS21	Combination	0.126	0.059	-2.983E-03	-1.415E-05	-0.0021
33E	0.	DIS22	Combination	0.126	0.049	-2.983E-03	-1.416E-05	-0.0035
33E	0.45	DIS22	Combination	0.126	0.059	-2.983E-03	-1.416E-05	-0.0021
33E	0.	DIS23	Combination	0.113	0.068	-2.983E-03	9.571E-05	0.0012
33E	0.45	DIS23	Combination	0.113	0.077	-2.964E-03	9.571E-05	0.0026
33E	0.	DIS24	Combination	0.138	0.03	-2.983E-03	-1.240E-04	-0.0082
33E	0.45	DIS24	Combination	0.138	0.04	-3.003E-03	-1.240E-04	-0.0068
33E	0.	DIS25	Combination	0.126	0.049	-2.983E-03	-1.415E-05	-0.0035
33E	0.45	DIS25	Combination	0.126	0.059	-2.983E-03	-1.415E-05	-0.0021
33E	0.	DIS26	Combination	0.126	0.049	-2.983E-03	-1.416E-05	-0.0035
33E	0.45	DIS26	Combination	0.126	0.059	-2.983E-03	-1.416E-05	-0.0021
33E	0.	DIS27	Combination	0.113	0.068	-2.983E-03	9.571E-05	0.0012
33E	0.45	DIS27	Combination	0.113	0.077	-2.964E-03	9.571E-05	0.0026
33E	0.	DIS28	Combination	0.138	0.03	-2.983E-03	-1.240E-04	-0.0082
33E	0.45	DIS28	Combination	0.138	0.04	-3.003E-03	-1.240E-04	-0.0068
33E	0.	DIS29	Combination	0.324	0.137	-7.681E-03	-3.616E-05	-0.009
33E	0.45	DIS29	Combination	0.324	0.146	-7.681E-03	-3.616E-05	-0.0055
33E	0.	DIS30	Combination	0.324	0.137	-7.681E-03	-3.616E-05	-0.009
33E	0.45	DIS30	Combination	0.324	0.146	-7.681E-03	-3.616E-05	-0.0055
33E	0.	DIS31	Combination	0.34	0.144	-8.046E-03	-3.787E-05	-0.0094
33E	0.45	DIS31	Combination	0.34	0.153	-8.046E-03	-3.787E-05	-0.0058
33E	0.	DIS32	Combination	0.156	0.062	-3.686E-03	-1.745E-05	-0.0043
33E	0.45	DIS32	Combination	0.156	0.072	-3.686E-03	-1.745E-05	-0.0026
33E	0.	DIS33	Combination	0.156	0.062	-3.686E-03	-1.745E-05	-0.0043
33E	0.45	DIS33	Combination	0.156	0.072	-3.686E-03	-1.745E-05	-0.0026
33E	0.	DIS34	Combination	0.171	0.069	-4.052E-03	-1.916E-05	-0.0047
33E	0.45	DIS34	Combination	0.171	0.079	-4.052E-03	-1.916E-05	-0.0029
33E	0.	DIS35	Combination	0.156	0.062	-3.686E-03	-1.745E-05	-0.0043
33E	0.45	DIS35	Combination	0.156	0.072	-3.686E-03	-1.745E-05	-0.0026
33E	0.	DIS36	Combination	0.156	0.062	-3.686E-03	-1.745E-05	-0.0043
33E	0.45	DIS36	Combination	0.156	0.072	-3.686E-03	-1.745E-05	-0.0026
33E	0.	DIS37	Combination	0.171	0.069	-4.052E-03	-1.916E-05	-0.0047
33E	0.45	DIS37	Combination	0.171	0.079	-4.052E-03	-1.916E-05	-0.0029
33E	0.	DIS38	Combination	0.238	0.099	-5.638E-03	-2.659E-05	-0.0066
33E	0.45	DIS38	Combination	0.238	0.108	-5.638E-03	-2.659E-05	-0.004
33E	0.	DIS39	Combination	0.238	0.099	-5.638E-03	-2.659E-05	-0.0066
33E	0.45	DIS39	Combination	0.238	0.108	-5.638E-03	-2.659E-05	-0.004
33E	0.	DIS40	Combination	0.268	0.112	-6.341E-03	-2.988E-05	-0.0074
33E	0.45	DIS40	Combination	0.268	0.121	-6.341E-03	-2.988E-05	-0.0045
33E	0.	DIS41	Combination	0.185	0.075	-4.389E-03	-2.074E-05	-0.0051
33E	0.45	DIS41	Combination	0.185	0.085	-4.389E-03	-2.074E-05	-0.0031
33E	0.	DIS42	Combination	0.185	0.075	-4.389E-03	-2.074E-05	-0.0051
33E	0.45	DIS42	Combination	0.185	0.085	-4.389E-03	-2.074E-05	-0.0031
33E	0.	DIS43	Combination	0.215	0.088	-5.093E-03	-2.403E-05	-0.0059
33E	0.45	DIS43	Combination	0.215	0.098	-5.093E-03	-2.403E-05	-0.0036
33E	0.	DIS44	Combination	0.185	0.075	-4.389E-03	-2.074E-05	-0.0051
33E	0.45	DIS44	Combination	0.185	0.085	-4.389E-03	-2.074E-05	-0.0031
33E	0.	DIS45	Combination	0.185	0.075	-4.389E-03	-2.074E-05	-0.0051
33E	0.45	DIS45	Combination	0.185	0.085	-4.389E-03	-2.074E-05	-0.0031
33E	0.	DIS46	Combination	0.215	0.088	-5.093E-03	-2.403E-05	-0.0059
33E	0.45	DIS46	Combination	0.215	0.098	-5.093E-03	-2.403E-05	-0.0036

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33E	0.	DIS47	Combination	0.126	0.049	-2.983E-03	-1.415E-05	-0.0035
33E	0.45	DIS47	Combination	0.126	0.059	-2.983E-03	-1.415E-05	-0.0021
33E	0.	DIS48	Combination	0.126	0.049	-2.983E-03	-1.416E-05	-0.0035
33E	0.45	DIS48	Combination	0.126	0.059	-2.983E-03	-1.416E-05	-0.0021
33E	0.	DIS49	Combination	0.113	0.068	-2.983E-03	9.571E-05	0.0012
33E	0.45	DIS49	Combination	0.113	0.077	-2.964E-03	9.571E-05	0.0026
33E	0.	DIS50	Combination	0.138	0.03	-2.983E-03	-1.240E-04	-0.0082
33E	0.45	DIS50	Combination	0.138	0.04	-3.003E-03	-1.240E-04	-0.0068
33E	0.	DIS51	Combination	0.154	0.063	-3.644E-03	-1.720E-05	-0.0042
33E	0.45	DIS51	Combination	0.154	0.07	-3.644E-03	-1.720E-05	-0.0026
33E	0.	DIS52	Combination	0.154	0.063	-3.644E-03	-1.720E-05	-0.0042
33E	0.45	DIS52	Combination	0.154	0.07	-3.644E-03	-1.720E-05	-0.0026
33E	0.	DIS53	Combination	0.183	0.076	-4.347E-03	-2.050E-05	-0.0051
33E	0.45	DIS53	Combination	0.183	0.083	-4.347E-03	-2.050E-05	-0.0031
33E	0.	DIS54	Combination	0.094	0.037	-2.237E-03	-1.061E-05	-0.0026
33E	0.45	DIS54	Combination	0.094	0.044	-2.237E-03	-1.061E-05	-0.0016
33E	0.	DIS55	Combination	0.094	0.037	-2.238E-03	-1.062E-05	-0.0026
33E	0.45	DIS55	Combination	0.094	0.044	-2.238E-03	-1.062E-05	-0.0016
33E	0.	DIS56	Combination	0.085	0.051	-2.237E-03	7.178E-05	9.147E-04
33E	0.45	DIS56	Combination	0.085	0.058	-2.223E-03	7.178E-05	0.0019
33E	0.	DIS57	Combination	0.104	0.023	-2.237E-03	-9.301E-05	-0.0061
33E	0.45	DIS57	Combination	0.104	0.03	-2.252E-03	-9.301E-05	-0.0051

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2F2	0.	DEAD	-0.0121	2F2-1	0.
2F2	0.16	DEAD	0.0047	2F2-1	0.16
2F2	0.32	DEAD	0.0215	2F2-1	0.32
2F2	0.	L	0.	2F2-1	0.
2F2	0.16	L	0.	2F2-1	0.16
2F2	0.32	L	0.	2F2-1	0.32
2F2	0.	Lr	-0.0121	2F2-1	0.
2F2	0.16	Lr	0.0048	2F2-1	0.16
2F2	0.32	Lr	0.0216	2F2-1	0.32
2F2	0.	G	0.	2F2-1	0.
2F2	0.16	G	0.	2F2-1	0.16
2F2	0.32	G	0.	2F2-1	0.32
2F2	0.	Le	0.	2F2-1	0.
2F2	0.16	Le	0.	2F2-1	0.16
2F2	0.32	Le	0.	2F2-1	0.32
2F2	0.	Wx	-0.0068	2F2-1	0.
2F2	0.16	Wx	0.0027	2F2-1	0.16
2F2	0.32	Wx	0.0122	2F2-1	0.32
2F2	0.	Wy	-0.0068	2F2-1	0.
2F2	0.16	Wy	0.0027	2F2-1	0.16
2F2	0.32	Wy	0.0122	2F2-1	0.32
2F2	0.	CFx D	4.108E-06	2F2-1	0.
2F2	0.16	CFx D	1.575E-07	2F2-1	0.16
2F2	0.32	CFx D	-3.096E-06	2F2-1	0.32
2F2	0.	CFy D	3.635E-05	2F2-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2F2	0.16	CFy D	3.739E-06	2F2-1	0.16
2F2	0.32	CFy D	-2.887E-05	2F2-1	0.32
2F2	0.	CFx L	0.	2F2-1	0.
2F2	0.16	CFx L	0.	2F2-1	0.16
2F2	0.32	CFx L	0.	2F2-1	0.32
2F2	0.	CFy L	0.	2F2-1	0.
2F2	0.16	CFy L	0.	2F2-1	0.16
2F2	0.32	CFy L	0.	2F2-1	0.32
2F2	0.	CFx Lr	3.790E-06	2F2-1	0.
2F2	0.16	CFx Lr	3.028E-07	2F2-1	0.16
2F2	0.32	CFx Lr	-3.184E-06	2F2-1	0.32
2F2	0.	CFy Lr	2.911E-05	2F2-1	0.
2F2	0.16	CFy Lr	8.855E-06	2F2-1	0.16
2F2	0.32	CFy Lr	-1.139E-05	2F2-1	0.32
2F2	0.	DIS01	-0.0169	2F2-1	0.
2F2	0.16	DIS01	0.0066	2F2-1	0.16
2F2	0.32	DIS01	0.0301	2F2-1	0.32
2F2	0.	DIS02	-0.0169	2F2-1	0.
2F2	0.16	DIS02	0.0066	2F2-1	0.16
2F2	0.32	DIS02	0.0301	2F2-1	0.32
2F2	0.	DIS03	-0.0168	2F2-1	0.
2F2	0.16	DIS03	0.0066	2F2-1	0.16
2F2	0.32	DIS03	0.03	2F2-1	0.32
2F2	0.	DIS04	-0.0169	2F2-1	0.
2F2	0.16	DIS04	0.0066	2F2-1	0.16
2F2	0.32	DIS04	0.0301	2F2-1	0.32
2F2	0.	DIS05	-0.0205	2F2-1	0.
2F2	0.16	DIS05	0.008	2F2-1	0.16
2F2	0.32	DIS05	0.0366	2F2-1	0.32
2F2	0.	DIS06	-0.0205	2F2-1	0.
2F2	0.16	DIS06	0.008	2F2-1	0.16
2F2	0.32	DIS06	0.0366	2F2-1	0.32
2F2	0.	DIS07	-0.0205	2F2-1	0.
2F2	0.16	DIS07	0.0081	2F2-1	0.16
2F2	0.32	DIS07	0.0366	2F2-1	0.32
2F2	0.	DIS08	-0.0206	2F2-1	0.
2F2	0.16	DIS08	0.008	2F2-1	0.16
2F2	0.32	DIS08	0.0367	2F2-1	0.32
2F2	0.	DIS09	-0.0145	2F2-1	0.
2F2	0.16	DIS09	0.0057	2F2-1	0.16
2F2	0.32	DIS09	0.0258	2F2-1	0.32
2F2	0.	DIS10	-0.0145	2F2-1	0.
2F2	0.16	DIS10	0.0057	2F2-1	0.16
2F2	0.32	DIS10	0.0258	2F2-1	0.32
2F2	0.	DIS11	-0.0144	2F2-1	0.
2F2	0.16	DIS11	0.0057	2F2-1	0.16
2F2	0.32	DIS11	0.0258	2F2-1	0.32
2F2	0.	DIS12	-0.0145	2F2-1	0.
2F2	0.16	DIS12	0.0057	2F2-1	0.16
2F2	0.32	DIS12	0.0258	2F2-1	0.32
2F2	0.	DIS13	-0.0145	2F2-1	0.
2F2	0.16	DIS13	0.0057	2F2-1	0.16
2F2	0.32	DIS13	0.0258	2F2-1	0.32
2F2	0.	DIS14	-0.0145	2F2-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2F2	0.16	DIS14	0.0057	2F2-1	0.16
2F2	0.32	DIS14	0.0258	2F2-1	0.32
2F2	0.	DIS15	-0.0144	2F2-1	0.
2F2	0.16	DIS15	0.0057	2F2-1	0.16
2F2	0.32	DIS15	0.0258	2F2-1	0.32
2F2	0.	DIS16	-0.0145	2F2-1	0.
2F2	0.16	DIS16	0.0057	2F2-1	0.16
2F2	0.32	DIS16	0.0258	2F2-1	0.32
2F2	0.	DIS17	-0.0338	2F2-1	0.
2F2	0.16	DIS17	0.0133	2F2-1	0.16
2F2	0.32	DIS17	0.0604	2F2-1	0.32
2F2	0.	DIS18	-0.0338	2F2-1	0.
2F2	0.16	DIS18	0.0133	2F2-1	0.16
2F2	0.32	DIS18	0.0604	2F2-1	0.32
2F2	0.	DIS19	-0.0337	2F2-1	0.
2F2	0.16	DIS19	0.0133	2F2-1	0.16
2F2	0.32	DIS19	0.0604	2F2-1	0.32
2F2	0.	DIS20	-0.0339	2F2-1	0.
2F2	0.16	DIS20	0.0133	2F2-1	0.16
2F2	0.32	DIS20	0.0605	2F2-1	0.32
2F2	0.	DIS21	-0.0145	2F2-1	0.
2F2	0.16	DIS21	0.0057	2F2-1	0.16
2F2	0.32	DIS21	0.0258	2F2-1	0.32
2F2	0.	DIS22	-0.0145	2F2-1	0.
2F2	0.16	DIS22	0.0057	2F2-1	0.16
2F2	0.32	DIS22	0.0258	2F2-1	0.32
2F2	0.	DIS23	-0.0144	2F2-1	0.
2F2	0.16	DIS23	0.0057	2F2-1	0.16
2F2	0.32	DIS23	0.0258	2F2-1	0.32
2F2	0.	DIS24	-0.0145	2F2-1	0.
2F2	0.16	DIS24	0.0057	2F2-1	0.16
2F2	0.32	DIS24	0.0258	2F2-1	0.32
2F2	0.	DIS25	-0.0145	2F2-1	0.
2F2	0.16	DIS25	0.0057	2F2-1	0.16
2F2	0.32	DIS25	0.0258	2F2-1	0.32
2F2	0.	DIS26	-0.0145	2F2-1	0.
2F2	0.16	DIS26	0.0057	2F2-1	0.16
2F2	0.32	DIS26	0.0258	2F2-1	0.32
2F2	0.	DIS27	-0.0144	2F2-1	0.
2F2	0.16	DIS27	0.0057	2F2-1	0.16
2F2	0.32	DIS27	0.0258	2F2-1	0.32
2F2	0.	DIS28	-0.0145	2F2-1	0.
2F2	0.16	DIS28	0.0057	2F2-1	0.16
2F2	0.32	DIS28	0.0258	2F2-1	0.32
2F2	0.	DIS29	-0.0372	2F2-1	0.
2F2	0.16	DIS29	0.0146	2F2-1	0.16
2F2	0.32	DIS29	0.0665	2F2-1	0.32
2F2	0.	DIS30	-0.0372	2F2-1	0.
2F2	0.16	DIS30	0.0146	2F2-1	0.16
2F2	0.32	DIS30	0.0665	2F2-1	0.32
2F2	0.	DIS31	-0.039	2F2-1	0.
2F2	0.16	DIS31	0.0153	2F2-1	0.16
2F2	0.32	DIS31	0.0697	2F2-1	0.32
2F2	0.	DIS32	-0.0179	2F2-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2F2	0.16	DIS32	0.007	2F2-1	0.16
2F2	0.32	DIS32	0.0319	2F2-1	0.32
2F2	0.	DIS33	-0.0179	2F2-1	0.
2F2	0.16	DIS33	0.007	2F2-1	0.16
2F2	0.32	DIS33	0.0319	2F2-1	0.32
2F2	0.	DIS34	-0.0197	2F2-1	0.
2F2	0.16	DIS34	0.0077	2F2-1	0.16
2F2	0.32	DIS34	0.0351	2F2-1	0.32
2F2	0.	DIS35	-0.0179	2F2-1	0.
2F2	0.16	DIS35	0.007	2F2-1	0.16
2F2	0.32	DIS35	0.0319	2F2-1	0.32
2F2	0.	DIS36	-0.0179	2F2-1	0.
2F2	0.16	DIS36	0.007	2F2-1	0.16
2F2	0.32	DIS36	0.0319	2F2-1	0.32
2F2	0.	DIS37	-0.0197	2F2-1	0.
2F2	0.16	DIS37	0.0077	2F2-1	0.16
2F2	0.32	DIS37	0.0351	2F2-1	0.32
2F2	0.	DIS38	-0.0273	2F2-1	0.
2F2	0.16	DIS38	0.0107	2F2-1	0.16
2F2	0.32	DIS38	0.0488	2F2-1	0.32
2F2	0.	DIS39	-0.0273	2F2-1	0.
2F2	0.16	DIS39	0.0107	2F2-1	0.16
2F2	0.32	DIS39	0.0488	2F2-1	0.32
2F2	0.	DIS40	-0.0307	2F2-1	0.
2F2	0.16	DIS40	0.0121	2F2-1	0.16
2F2	0.32	DIS40	0.0549	2F2-1	0.32
2F2	0.	DIS41	-0.0213	2F2-1	0.
2F2	0.16	DIS41	0.0083	2F2-1	0.16
2F2	0.32	DIS41	0.038	2F2-1	0.32
2F2	0.	DIS42	-0.0213	2F2-1	0.
2F2	0.16	DIS42	0.0083	2F2-1	0.16
2F2	0.32	DIS42	0.038	2F2-1	0.32
2F2	0.	DIS43	-0.0247	2F2-1	0.
2F2	0.16	DIS43	0.0097	2F2-1	0.16
2F2	0.32	DIS43	0.0441	2F2-1	0.32
2F2	0.	DIS44	-0.0213	2F2-1	0.
2F2	0.16	DIS44	0.0083	2F2-1	0.16
2F2	0.32	DIS44	0.038	2F2-1	0.32
2F2	0.	DIS45	-0.0213	2F2-1	0.
2F2	0.16	DIS45	0.0083	2F2-1	0.16
2F2	0.32	DIS45	0.038	2F2-1	0.32
2F2	0.	DIS46	-0.0247	2F2-1	0.
2F2	0.16	DIS46	0.0097	2F2-1	0.16
2F2	0.32	DIS46	0.0441	2F2-1	0.32
2F2	0.	DIS47	-0.0145	2F2-1	0.
2F2	0.16	DIS47	0.0057	2F2-1	0.16
2F2	0.32	DIS47	0.0258	2F2-1	0.32
2F2	0.	DIS48	-0.0145	2F2-1	0.
2F2	0.16	DIS48	0.0057	2F2-1	0.16
2F2	0.32	DIS48	0.0258	2F2-1	0.32
2F2	0.	DIS49	-0.0144	2F2-1	0.
2F2	0.16	DIS49	0.0057	2F2-1	0.16
2F2	0.32	DIS49	0.0258	2F2-1	0.32
2F2	0.	DIS50	-0.0145	2F2-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2F2	0.16	DIS50	0.0057	2F2-1	0.16
2F2	0.32	DIS50	0.0258	2F2-1	0.32
2F2	0.	DIS51	-0.0177	2F2-1	0.
2F2	0.16	DIS51	0.0069	2F2-1	0.16
2F2	0.32	DIS51	0.0315	2F2-1	0.32
2F2	0.	DIS52	-0.0177	2F2-1	0.
2F2	0.16	DIS52	0.0069	2F2-1	0.16
2F2	0.32	DIS52	0.0315	2F2-1	0.32
2F2	0.	DIS53	-0.0211	2F2-1	0.
2F2	0.16	DIS53	0.0083	2F2-1	0.16
2F2	0.32	DIS53	0.0376	2F2-1	0.32
2F2	0.	DIS54	-0.0109	2F2-1	0.
2F2	0.16	DIS54	0.0042	2F2-1	0.16
2F2	0.32	DIS54	0.0193	2F2-1	0.32
2F2	0.	DIS55	-0.0109	2F2-1	0.
2F2	0.16	DIS55	0.0042	2F2-1	0.16
2F2	0.32	DIS55	0.0193	2F2-1	0.32
2F2	0.	DIS56	-0.0108	2F2-1	0.
2F2	0.16	DIS56	0.0042	2F2-1	0.16
2F2	0.32	DIS56	0.0193	2F2-1	0.32
2F2	0.	DIS57	-0.0109	2F2-1	0.
2F2	0.16	DIS57	0.0042	2F2-1	0.16
2F2	0.32	DIS57	0.0194	2F2-1	0.32
300	0.	DEAD	-0.006	300-1	0.
300	0.27609	DEAD	0.0028	300-1	0.27609
300	0.55218	DEAD	0.0108	300-1	0.55218
300	0.	L	0.	300-1	0.
300	0.27609	L	0.	300-1	0.27609
300	0.55218	L	0.	300-1	0.55218
300	0.	Lr	-0.0057	300-1	0.
300	0.27609	Lr	0.0027	300-1	0.27609
300	0.55218	Lr	0.0112	300-1	0.55218
300	0.	G	0.	300-1	0.
300	0.27609	G	0.	300-1	0.27609
300	0.55218	G	0.	300-1	0.55218
300	0.	Le	0.	300-1	0.
300	0.27609	Le	0.	300-1	0.27609
300	0.55218	Le	0.	300-1	0.55218
300	0.	Wx	-0.0032	300-1	0.
300	0.27609	Wx	0.0015	300-1	0.27609
300	0.55218	Wx	0.0063	300-1	0.55218
300	0.	Wy	-0.0032	300-1	0.
300	0.27609	Wy	0.0015	300-1	0.27609
300	0.55218	Wy	0.0063	300-1	0.55218
300	0.	CFx D	3.739E-07	300-1	0.
300	0.27609	CFx D	1.905E-07	300-1	0.27609
300	0.55218	CFx D	1.209E-06	300-1	0.55218
300	0.	CFy D	-2.911E-05	300-1	0.
300	0.27609	CFy D	-9.337E-06	300-1	0.27609
300	0.55218	CFy D	1.043E-05	300-1	0.55218
300	0.	CFx L	0.	300-1	0.
300	0.27609	CFx L	0.	300-1	0.27609
300	0.55218	CFx L	0.	300-1	0.55218
300	0.	CFy L	0.	300-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
300	0.27609	CFy L	0.	300-1	0.27609
300	0.55218	CFy L	0.	300-1	0.55218
300	0.	CFx Lr	-1.816E-08	300-1	0.
300	0.27609	CFx Lr	4.124E-07	300-1	0.27609
300	0.55218	CFx Lr	8.430E-07	300-1	0.55218
300	0.	CFy Lr	-3.319E-05	300-1	0.
300	0.27609	CFy Lr	-6.257E-06	300-1	0.27609
300	0.55218	CFy Lr	2.067E-05	300-1	0.55218
300	0.	DIS01	-0.0083	300-1	0.
300	0.27609	DIS01	0.004	300-1	0.27609
300	0.55218	DIS01	0.0151	300-1	0.55218
300	0.	DIS02	-0.0083	300-1	0.
300	0.27609	DIS02	0.004	300-1	0.27609
300	0.55218	DIS02	0.0151	300-1	0.55218
300	0.	DIS03	-0.0084	300-1	0.
300	0.27609	DIS03	0.004	300-1	0.27609
300	0.55218	DIS03	0.0151	300-1	0.55218
300	0.	DIS04	-0.0083	300-1	0.
300	0.27609	DIS04	0.004	300-1	0.27609
300	0.55218	DIS04	0.0151	300-1	0.55218
300	0.	DIS05	-0.01	300-1	0.
300	0.27609	DIS05	0.0048	300-1	0.27609
300	0.55218	DIS05	0.0186	300-1	0.55218
300	0.	DIS06	-0.01	300-1	0.
300	0.27609	DIS06	0.0048	300-1	0.27609
300	0.55218	DIS06	0.0185	300-1	0.55218
300	0.	DIS07	-0.01	300-1	0.
300	0.27609	DIS07	0.0048	300-1	0.27609
300	0.55218	DIS07	0.0186	300-1	0.55218
300	0.	DIS08	-0.0099	300-1	0.
300	0.27609	DIS08	0.0048	300-1	0.27609
300	0.55218	DIS08	0.0185	300-1	0.55218
300	0.	DIS09	-0.0071	300-1	0.
300	0.27609	DIS09	0.0034	300-1	0.27609
300	0.55218	DIS09	0.013	300-1	0.55218
300	0.	DIS10	-0.0071	300-1	0.
300	0.27609	DIS10	0.0034	300-1	0.27609
300	0.55218	DIS10	0.013	300-1	0.55218
300	0.	DIS11	-0.0072	300-1	0.
300	0.27609	DIS11	0.0034	300-1	0.27609
300	0.55218	DIS11	0.013	300-1	0.55218
300	0.	DIS12	-0.0071	300-1	0.
300	0.27609	DIS12	0.0034	300-1	0.27609
300	0.55218	DIS12	0.0129	300-1	0.55218
300	0.	DIS13	-0.0071	300-1	0.
300	0.27609	DIS13	0.0034	300-1	0.27609
300	0.55218	DIS13	0.013	300-1	0.55218
300	0.	DIS14	-0.0071	300-1	0.
300	0.27609	DIS14	0.0034	300-1	0.27609
300	0.55218	DIS14	0.013	300-1	0.55218
300	0.	DIS15	-0.0072	300-1	0.
300	0.27609	DIS15	0.0034	300-1	0.27609
300	0.55218	DIS15	0.013	300-1	0.55218
300	0.	DIS16	-0.0071	300-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
300	0.27609	DIS16	0.0034	300-1	0.27609
300	0.55218	DIS16	0.0129	300-1	0.55218
300	0.	DIS17	-0.0162	300-1	0.
300	0.27609	DIS17	0.0078	300-1	0.27609
300	0.55218	DIS17	0.0308	300-1	0.55218
300	0.	DIS18	-0.0162	300-1	0.
300	0.27609	DIS18	0.0078	300-1	0.27609
300	0.55218	DIS18	0.0308	300-1	0.55218
300	0.	DIS19	-0.0163	300-1	0.
300	0.27609	DIS19	0.0078	300-1	0.27609
300	0.55218	DIS19	0.0309	300-1	0.55218
300	0.	DIS20	-0.0161	300-1	0.
300	0.27609	DIS20	0.0078	300-1	0.27609
300	0.55218	DIS20	0.0308	300-1	0.55218
300	0.	DIS21	-0.0071	300-1	0.
300	0.27609	DIS21	0.0034	300-1	0.27609
300	0.55218	DIS21	0.013	300-1	0.55218
300	0.	DIS22	-0.0071	300-1	0.
300	0.27609	DIS22	0.0034	300-1	0.27609
300	0.55218	DIS22	0.013	300-1	0.55218
300	0.	DIS23	-0.0072	300-1	0.
300	0.27609	DIS23	0.0034	300-1	0.27609
300	0.55218	DIS23	0.013	300-1	0.55218
300	0.	DIS24	-0.0071	300-1	0.
300	0.27609	DIS24	0.0034	300-1	0.27609
300	0.55218	DIS24	0.0129	300-1	0.55218
300	0.	DIS25	-0.0071	300-1	0.
300	0.27609	DIS25	0.0034	300-1	0.27609
300	0.55218	DIS25	0.013	300-1	0.55218
300	0.	DIS26	-0.0071	300-1	0.
300	0.27609	DIS26	0.0034	300-1	0.27609
300	0.55218	DIS26	0.013	300-1	0.55218
300	0.	DIS27	-0.0072	300-1	0.
300	0.27609	DIS27	0.0034	300-1	0.27609
300	0.55218	DIS27	0.013	300-1	0.55218
300	0.	DIS28	-0.0071	300-1	0.
300	0.27609	DIS28	0.0034	300-1	0.27609
300	0.55218	DIS28	0.0129	300-1	0.55218
300	0.	DIS29	-0.0178	300-1	0.
300	0.27609	DIS29	0.0086	300-1	0.27609
300	0.55218	DIS29	0.034	300-1	0.55218
300	0.	DIS30	-0.0178	300-1	0.
300	0.27609	DIS30	0.0086	300-1	0.27609
300	0.55218	DIS30	0.034	300-1	0.55218
300	0.	DIS31	-0.0187	300-1	0.
300	0.27609	DIS31	0.009	300-1	0.27609
300	0.55218	DIS31	0.0356	300-1	0.55218
300	0.	DIS32	-0.0087	300-1	0.
300	0.27609	DIS32	0.0042	300-1	0.27609
300	0.55218	DIS32	0.0161	300-1	0.55218
300	0.	DIS33	-0.0087	300-1	0.
300	0.27609	DIS33	0.0042	300-1	0.27609
300	0.55218	DIS33	0.0161	300-1	0.55218
300	0.	DIS34	-0.0096	300-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
300	0.27609	DIS34	0.0046	300-1	0.27609
300	0.55218	DIS34	0.0177	300-1	0.55218
300	0.	DIS35	-0.0087	300-1	0.
300	0.27609	DIS35	0.0042	300-1	0.27609
300	0.55218	DIS35	0.0161	300-1	0.55218
300	0.	DIS36	-0.0087	300-1	0.
300	0.27609	DIS36	0.0042	300-1	0.27609
300	0.55218	DIS36	0.0161	300-1	0.55218
300	0.	DIS37	-0.0096	300-1	0.
300	0.27609	DIS37	0.0046	300-1	0.27609
300	0.55218	DIS37	0.0177	300-1	0.55218
300	0.	DIS38	-0.0132	300-1	0.
300	0.27609	DIS38	0.0063	300-1	0.27609
300	0.55218	DIS38	0.0248	300-1	0.55218
300	0.	DIS39	-0.0132	300-1	0.
300	0.27609	DIS39	0.0063	300-1	0.27609
300	0.55218	DIS39	0.0248	300-1	0.55218
300	0.	DIS40	-0.0148	300-1	0.
300	0.27609	DIS40	0.0071	300-1	0.27609
300	0.55218	DIS40	0.028	300-1	0.55218
300	0.	DIS41	-0.0103	300-1	0.
300	0.27609	DIS41	0.005	300-1	0.27609
300	0.55218	DIS41	0.0193	300-1	0.55218
300	0.	DIS42	-0.0103	300-1	0.
300	0.27609	DIS42	0.005	300-1	0.27609
300	0.55218	DIS42	0.0193	300-1	0.55218
300	0.	DIS43	-0.0119	300-1	0.
300	0.27609	DIS43	0.0057	300-1	0.27609
300	0.55218	DIS43	0.0224	300-1	0.55218
300	0.	DIS44	-0.0103	300-1	0.
300	0.27609	DIS44	0.005	300-1	0.27609
300	0.55218	DIS44	0.0193	300-1	0.55218
300	0.	DIS45	-0.0103	300-1	0.
300	0.27609	DIS45	0.005	300-1	0.27609
300	0.55218	DIS45	0.0193	300-1	0.55218
300	0.	DIS46	-0.0119	300-1	0.
300	0.27609	DIS46	0.0057	300-1	0.27609
300	0.55218	DIS46	0.0224	300-1	0.55218
300	0.	DIS47	-0.0071	300-1	0.
300	0.27609	DIS47	0.0034	300-1	0.27609
300	0.55218	DIS47	0.013	300-1	0.55218
300	0.	DIS48	-0.0071	300-1	0.
300	0.27609	DIS48	0.0034	300-1	0.27609
300	0.55218	DIS48	0.013	300-1	0.55218
300	0.	DIS49	-0.0072	300-1	0.
300	0.27609	DIS49	0.0034	300-1	0.27609
300	0.55218	DIS49	0.013	300-1	0.55218
300	0.	DIS50	-0.0071	300-1	0.
300	0.27609	DIS50	0.0034	300-1	0.27609
300	0.55218	DIS50	0.0129	300-1	0.55218
300	0.	DIS51	-0.0086	300-1	0.
300	0.27609	DIS51	0.0041	300-1	0.27609
300	0.55218	DIS51	0.016	300-1	0.55218
300	0.	DIS52	-0.0086	300-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
300	0.27609	DIS52	0.0041	300-1	0.27609
300	0.55218	DIS52	0.016	300-1	0.55218
300	0.	DIS53	-0.0102	300-1	0.
300	0.27609	DIS53	0.0049	300-1	0.27609
300	0.55218	DIS53	0.0192	300-1	0.55218
300	0.	DIS54	-0.0054	300-1	0.
300	0.27609	DIS54	0.0026	300-1	0.27609
300	0.55218	DIS54	0.0097	300-1	0.55218
300	0.	DIS55	-0.0054	300-1	0.
300	0.27609	DIS55	0.0026	300-1	0.27609
300	0.55218	DIS55	0.0097	300-1	0.55218
300	0.	DIS56	-0.0054	300-1	0.
300	0.27609	DIS56	0.0026	300-1	0.27609
300	0.55218	DIS56	0.0097	300-1	0.55218
300	0.	DIS57	-0.0053	300-1	0.
300	0.27609	DIS57	0.0026	300-1	0.27609
300	0.55218	DIS57	0.0097	300-1	0.55218
301	0.	DEAD	-3.694E-04	301-1	0.
301	0.27609	DEAD	0.0013	301-1	0.27609
301	0.55218	DEAD	0.002	301-1	0.55218
301	0.	L	0.	301-1	0.
301	0.27609	L	0.	301-1	0.27609
301	0.55218	L	0.	301-1	0.55218
301	0.	Lr	-1.768E-04	301-1	0.
301	0.27609	Lr	0.0011	301-1	0.27609
301	0.55218	Lr	0.0024	301-1	0.55218
301	0.	G	0.	301-1	0.
301	0.27609	G	0.	301-1	0.27609
301	0.55218	G	0.	301-1	0.55218
301	0.	Le	0.	301-1	0.
301	0.27609	Le	0.	301-1	0.27609
301	0.55218	Le	0.	301-1	0.55218
301	0.	Wx	-9.960E-05	301-1	0.
301	0.27609	Wx	6.184E-04	301-1	0.27609
301	0.55218	Wx	0.0013	301-1	0.55218
301	0.	Wy	-9.960E-05	301-1	0.
301	0.27609	Wy	6.184E-04	301-1	0.27609
301	0.55218	Wy	0.0013	301-1	0.55218
301	0.	CFx D	-1.768E-06	301-1	0.
301	0.27609	CFx D	5.089E-07	301-1	0.27609
301	0.55218	CFx D	1.584E-06	301-1	0.55218
301	0.	CFy D	-4.209E-05	301-1	0.
301	0.27609	CFy D	4.177E-05	301-1	0.27609
301	0.55218	CFy D	1.256E-04	301-1	0.55218
301	0.	CFx L	0.	301-1	0.
301	0.27609	CFx L	0.	301-1	0.27609
301	0.55218	CFx L	0.	301-1	0.55218
301	0.	CFy L	0.	301-1	0.
301	0.27609	CFy L	0.	301-1	0.27609
301	0.55218	CFy L	0.	301-1	0.55218
301	0.	CFx Lr	-1.370E-06	301-1	0.
301	0.27609	CFx Lr	2.832E-07	301-1	0.27609
301	0.55218	CFx Lr	1.936E-06	301-1	0.55218
301	0.	CFy Lr	-4.222E-05	301-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
301	0.27609	CFy Lr	4.061E-05	301-1	0.27609
301	0.55218	CFy Lr	1.234E-04	301-1	0.55218
301	0.	DIS01	-5.197E-04	301-1	0.
301	0.27609	DIS01	0.0018	301-1	0.27609
301	0.55218	DIS01	0.0028	301-1	0.55218
301	0.	DIS02	-5.147E-04	301-1	0.
301	0.27609	DIS02	0.0018	301-1	0.27609
301	0.55218	DIS02	0.0028	301-1	0.55218
301	0.	DIS03	-5.761E-04	301-1	0.
301	0.27609	DIS03	0.0018	301-1	0.27609
301	0.55218	DIS03	0.003	301-1	0.55218
301	0.	DIS04	-4.583E-04	301-1	0.
301	0.27609	DIS04	0.0017	301-1	0.27609
301	0.55218	DIS04	0.0027	301-1	0.55218
301	0.	DIS05	-5.345E-04	301-1	0.
301	0.27609	DIS05	0.0021	301-1	0.27609
301	0.55218	DIS05	0.0036	301-1	0.55218
301	0.	DIS06	-5.289E-04	301-1	0.
301	0.27609	DIS06	0.0021	301-1	0.27609
301	0.55218	DIS06	0.0036	301-1	0.55218
301	0.	DIS07	-6.034E-04	301-1	0.
301	0.27609	DIS07	0.0021	301-1	0.27609
301	0.55218	DIS07	0.0038	301-1	0.55218
301	0.	DIS08	-4.601E-04	301-1	0.
301	0.27609	DIS08	0.002	301-1	0.27609
301	0.55218	DIS08	0.0034	301-1	0.55218
301	0.	DIS09	-4.454E-04	301-1	0.
301	0.27609	DIS09	0.0015	301-1	0.27609
301	0.55218	DIS09	0.0024	301-1	0.55218
301	0.	DIS10	-4.412E-04	301-1	0.
301	0.27609	DIS10	0.0015	301-1	0.27609
301	0.55218	DIS10	0.0024	301-1	0.55218
301	0.	DIS11	-4.938E-04	301-1	0.
301	0.27609	DIS11	0.0016	301-1	0.27609
301	0.55218	DIS11	0.0026	301-1	0.55218
301	0.	DIS12	-3.928E-04	301-1	0.
301	0.27609	DIS12	0.0015	301-1	0.27609
301	0.55218	DIS12	0.0023	301-1	0.55218
301	0.	DIS13	-4.454E-04	301-1	0.
301	0.27609	DIS13	0.0015	301-1	0.27609
301	0.55218	DIS13	0.0024	301-1	0.55218
301	0.	DIS14	-4.412E-04	301-1	0.
301	0.27609	DIS14	0.0015	301-1	0.27609
301	0.55218	DIS14	0.0024	301-1	0.55218
301	0.	DIS15	-4.938E-04	301-1	0.
301	0.27609	DIS15	0.0016	301-1	0.27609
301	0.55218	DIS15	0.0026	301-1	0.55218
301	0.	DIS16	-3.928E-04	301-1	0.
301	0.27609	DIS16	0.0015	301-1	0.27609
301	0.55218	DIS16	0.0023	301-1	0.55218
301	0.	DIS17	-7.305E-04	301-1	0.
301	0.27609	DIS17	0.0033	301-1	0.27609
301	0.55218	DIS17	0.0062	301-1	0.55218
301	0.	DIS18	-7.219E-04	301-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
301	0.27609	DIS18	0.0033	301-1	0.27609
301	0.55218	DIS18	0.0062	301-1	0.55218
301	0.	DIS19	-8.443E-04	301-1	0.
301	0.27609	DIS19	0.0034	301-1	0.27609
301	0.55218	DIS19	0.0066	301-1	0.55218
301	0.	DIS20	-6.082E-04	301-1	0.
301	0.27609	DIS20	0.0031	301-1	0.27609
301	0.55218	DIS20	0.0059	301-1	0.55218
301	0.	DIS21	-4.454E-04	301-1	0.
301	0.27609	DIS21	0.0015	301-1	0.27609
301	0.55218	DIS21	0.0024	301-1	0.55218
301	0.	DIS22	-4.412E-04	301-1	0.
301	0.27609	DIS22	0.0015	301-1	0.27609
301	0.55218	DIS22	0.0024	301-1	0.55218
301	0.	DIS23	-4.938E-04	301-1	0.
301	0.27609	DIS23	0.0016	301-1	0.27609
301	0.55218	DIS23	0.0026	301-1	0.55218
301	0.	DIS24	-3.928E-04	301-1	0.
301	0.27609	DIS24	0.0015	301-1	0.27609
301	0.55218	DIS24	0.0023	301-1	0.55218
301	0.	DIS25	-4.454E-04	301-1	0.
301	0.27609	DIS25	0.0015	301-1	0.27609
301	0.55218	DIS25	0.0024	301-1	0.55218
301	0.	DIS26	-4.412E-04	301-1	0.
301	0.27609	DIS26	0.0015	301-1	0.27609
301	0.55218	DIS26	0.0024	301-1	0.55218
301	0.	DIS27	-4.938E-04	301-1	0.
301	0.27609	DIS27	0.0016	301-1	0.27609
301	0.55218	DIS27	0.0026	301-1	0.55218
301	0.	DIS28	-3.928E-04	301-1	0.
301	0.27609	DIS28	0.0015	301-1	0.27609
301	0.55218	DIS28	0.0023	301-1	0.55218
301	0.	DIS29	-7.760E-04	301-1	0.
301	0.27609	DIS29	0.0036	301-1	0.27609
301	0.55218	DIS29	0.0069	301-1	0.55218
301	0.	DIS30	-7.760E-04	301-1	0.
301	0.27609	DIS30	0.0036	301-1	0.27609
301	0.55218	DIS30	0.0069	301-1	0.55218
301	0.	DIS31	-8.019E-04	301-1	0.
301	0.27609	DIS31	0.0037	301-1	0.27609
301	0.55218	DIS31	0.0073	301-1	0.55218
301	0.	DIS32	-4.931E-04	301-1	0.
301	0.27609	DIS32	0.0018	301-1	0.27609
301	0.55218	DIS32	0.0031	301-1	0.55218
301	0.	DIS33	-4.931E-04	301-1	0.
301	0.27609	DIS33	0.0018	301-1	0.27609
301	0.55218	DIS33	0.0031	301-1	0.55218
301	0.	DIS34	-5.190E-04	301-1	0.
301	0.27609	DIS34	0.002	301-1	0.27609
301	0.55218	DIS34	0.0035	301-1	0.55218
301	0.	DIS35	-4.931E-04	301-1	0.
301	0.27609	DIS35	0.0018	301-1	0.27609
301	0.55218	DIS35	0.0031	301-1	0.55218
301	0.	DIS36	-4.931E-04	301-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
301	0.27609	DIS36	0.0018	301-1	0.27609
301	0.55218	DIS36	0.0031	301-1	0.55218
301	0.	DIS37	-5.190E-04	301-1	0.
301	0.27609	DIS37	0.002	301-1	0.27609
301	0.55218	DIS37	0.0035	301-1	0.55218
301	0.	DIS38	-6.313E-04	301-1	0.
301	0.27609	DIS38	0.0027	301-1	0.27609
301	0.55218	DIS38	0.005	301-1	0.55218
301	0.	DIS39	-6.313E-04	301-1	0.
301	0.27609	DIS39	0.0027	301-1	0.27609
301	0.55218	DIS39	0.005	301-1	0.55218
301	0.	DIS40	-6.811E-04	301-1	0.
301	0.27609	DIS40	0.003	301-1	0.27609
301	0.55218	DIS40	0.0056	301-1	0.55218
301	0.	DIS41	-5.429E-04	301-1	0.
301	0.27609	DIS41	0.0021	301-1	0.27609
301	0.55218	DIS41	0.0038	301-1	0.55218
301	0.	DIS42	-5.429E-04	301-1	0.
301	0.27609	DIS42	0.0021	301-1	0.27609
301	0.55218	DIS42	0.0038	301-1	0.55218
301	0.	DIS43	-5.927E-04	301-1	0.
301	0.27609	DIS43	0.0024	301-1	0.27609
301	0.55218	DIS43	0.0044	301-1	0.55218
301	0.	DIS44	-5.429E-04	301-1	0.
301	0.27609	DIS44	0.0021	301-1	0.27609
301	0.55218	DIS44	0.0038	301-1	0.55218
301	0.	DIS45	-5.429E-04	301-1	0.
301	0.27609	DIS45	0.0021	301-1	0.27609
301	0.55218	DIS45	0.0038	301-1	0.55218
301	0.	DIS46	-5.927E-04	301-1	0.
301	0.27609	DIS46	0.0024	301-1	0.27609
301	0.55218	DIS46	0.0044	301-1	0.55218
301	0.	DIS47	-4.454E-04	301-1	0.
301	0.27609	DIS47	0.0015	301-1	0.27609
301	0.55218	DIS47	0.0024	301-1	0.55218
301	0.	DIS48	-4.412E-04	301-1	0.
301	0.27609	DIS48	0.0015	301-1	0.27609
301	0.55218	DIS48	0.0024	301-1	0.55218
301	0.	DIS49	-4.938E-04	301-1	0.
301	0.27609	DIS49	0.0016	301-1	0.27609
301	0.55218	DIS49	0.0026	301-1	0.55218
301	0.	DIS50	-3.928E-04	301-1	0.
301	0.27609	DIS50	0.0015	301-1	0.27609
301	0.55218	DIS50	0.0023	301-1	0.55218
301	0.	DIS51	-4.321E-04	301-1	0.
301	0.27609	DIS51	0.0017	301-1	0.27609
301	0.55218	DIS51	0.0032	301-1	0.55218
301	0.	DIS52	-4.321E-04	301-1	0.
301	0.27609	DIS52	0.0017	301-1	0.27609
301	0.55218	DIS52	0.0032	301-1	0.55218
301	0.	DIS53	-4.819E-04	301-1	0.
301	0.27609	DIS53	0.0021	301-1	0.27609
301	0.55218	DIS53	0.0038	301-1	0.55218
301	0.	DIS54	-3.341E-04	301-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
301	0.27609	DIS54	0.0011	301-1	0.27609
301	0.55218	DIS54	0.0018	301-1	0.55218
301	0.	DIS55	-3.309E-04	301-1	0.
301	0.27609	DIS55	0.0011	301-1	0.27609
301	0.55218	DIS55	0.0018	301-1	0.55218
301	0.	DIS56	-3.704E-04	301-1	0.
301	0.27609	DIS56	0.0012	301-1	0.27609
301	0.55218	DIS56	0.0019	301-1	0.55218
301	0.	DIS57	-2.946E-04	301-1	0.
301	0.27609	DIS57	0.0011	301-1	0.27609
301	0.55218	DIS57	0.0017	301-1	0.55218
302	0.	DEAD	0.001	302-1	0.
302	0.27609	DEAD	3.632E-04	302-1	0.27609
302	0.55218	DEAD	-0.0012	302-1	0.55218
302	0.	L	0.	302-1	0.
302	0.27609	L	0.	302-1	0.27609
302	0.55218	L	0.	302-1	0.55218
302	0.	Lr	0.0013	302-1	0.
302	0.27609	Lr	2.018E-04	302-1	0.27609
302	0.55218	Lr	-9.004E-04	302-1	0.55218
302	0.	G	0.	302-1	0.
302	0.27609	G	0.	302-1	0.27609
302	0.55218	G	0.	302-1	0.55218
302	0.	Le	0.	302-1	0.
302	0.27609	Le	0.	302-1	0.27609
302	0.55218	Le	0.	302-1	0.55218
302	0.	Wx	7.344E-04	302-1	0.
302	0.27609	Wx	1.136E-04	302-1	0.27609
302	0.55218	Wx	-5.071E-04	302-1	0.55218
302	0.	Wy	7.344E-04	302-1	0.
302	0.27609	Wy	1.136E-04	302-1	0.27609
302	0.55218	Wy	-5.071E-04	302-1	0.55218
302	0.	CFx D	-5.329E-07	302-1	0.
302	0.27609	CFx D	1.918E-07	302-1	0.27609
302	0.55218	CFx D	2.118E-06	302-1	0.55218
302	0.	CFy D	9.491E-05	302-1	0.
302	0.27609	CFy D	-3.205E-05	302-1	0.27609
302	0.55218	CFy D	-1.590E-04	302-1	0.55218
302	0.	CFx L	0.	302-1	0.
302	0.27609	CFx L	0.	302-1	0.27609
302	0.55218	CFx L	0.	302-1	0.55218
302	0.	CFy L	0.	302-1	0.
302	0.27609	CFy L	0.	302-1	0.27609
302	0.55218	CFy L	0.	302-1	0.55218
302	0.	CFx Lr	-8.900E-07	302-1	0.
302	0.27609	CFx Lr	4.090E-07	302-1	0.27609
302	0.55218	CFx Lr	1.708E-06	302-1	0.55218
302	0.	CFy Lr	7.474E-05	302-1	0.
302	0.27609	CFy Lr	-3.609E-05	302-1	0.27609
302	0.55218	CFy Lr	-1.469E-04	302-1	0.55218
302	0.	DIS01	0.0014	302-1	0.
302	0.27609	DIS01	5.087E-04	302-1	0.27609
302	0.55218	DIS01	-0.0016	302-1	0.55218
302	0.	DIS02	0.0014	302-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
302	0.27609	DIS02	5.082E-04	302-1	0.27609
302	0.55218	DIS02	-0.0016	302-1	0.55218
302	0.	DIS03	0.0016	302-1	0.
302	0.27609	DIS03	4.636E-04	302-1	0.27609
302	0.55218	DIS03	-0.0018	302-1	0.55218
302	0.	DIS04	0.0013	302-1	0.
302	0.27609	DIS04	5.533E-04	302-1	0.27609
302	0.55218	DIS04	-0.0014	302-1	0.55218
302	0.	DIS05	0.0019	302-1	0.
302	0.27609	DIS05	5.371E-04	302-1	0.27609
302	0.55218	DIS05	-0.0018	302-1	0.55218
302	0.	DIS06	0.0019	302-1	0.
302	0.27609	DIS06	5.362E-04	302-1	0.27609
302	0.55218	DIS06	-0.0018	302-1	0.55218
302	0.	DIS07	0.002	302-1	0.
302	0.27609	DIS07	4.802E-04	302-1	0.27609
302	0.55218	DIS07	-0.0021	302-1	0.55218
302	0.	DIS08	0.0017	302-1	0.
302	0.27609	DIS08	5.932E-04	302-1	0.27609
302	0.55218	DIS08	-0.0016	302-1	0.55218
302	0.	DIS09	0.0012	302-1	0.
302	0.27609	DIS09	4.360E-04	302-1	0.27609
302	0.55218	DIS09	-0.0014	302-1	0.55218
302	0.	DIS10	0.0012	302-1	0.
302	0.27609	DIS10	4.356E-04	302-1	0.27609
302	0.55218	DIS10	-0.0014	302-1	0.55218
302	0.	DIS11	0.0014	302-1	0.
302	0.27609	DIS11	3.973E-04	302-1	0.27609
302	0.55218	DIS11	-0.0016	302-1	0.55218
302	0.	DIS12	0.0011	302-1	0.
302	0.27609	DIS12	4.743E-04	302-1	0.27609
302	0.55218	DIS12	-0.0012	302-1	0.55218
302	0.	DIS13	0.0012	302-1	0.
302	0.27609	DIS13	4.360E-04	302-1	0.27609
302	0.55218	DIS13	-0.0014	302-1	0.55218
302	0.	DIS14	0.0012	302-1	0.
302	0.27609	DIS14	4.356E-04	302-1	0.27609
302	0.55218	DIS14	-0.0014	302-1	0.55218
302	0.	DIS15	0.0014	302-1	0.
302	0.27609	DIS15	3.973E-04	302-1	0.27609
302	0.55218	DIS15	-0.0016	302-1	0.55218
302	0.	DIS16	0.0011	302-1	0.
302	0.27609	DIS16	4.743E-04	302-1	0.27609
302	0.55218	DIS16	-0.0012	302-1	0.55218
302	0.	DIS17	0.0033	302-1	0.
302	0.27609	DIS17	7.595E-04	302-1	0.27609
302	0.55218	DIS17	-0.0028	302-1	0.55218
302	0.	DIS18	0.0033	302-1	0.
302	0.27609	DIS18	7.577E-04	302-1	0.27609
302	0.55218	DIS18	-0.0028	302-1	0.55218
302	0.	DIS19	0.0036	302-1	0.
302	0.27609	DIS19	6.624E-04	302-1	0.27609
302	0.55218	DIS19	-0.0032	302-1	0.55218
302	0.	DIS20	0.0031	302-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
302	0.27609	DIS20	8.548E-04	302-1	0.27609
302	0.55218	DIS20	-0.0024	302-1	0.55218
302	0.	DIS21	0.0012	302-1	0.
302	0.27609	DIS21	4.360E-04	302-1	0.27609
302	0.55218	DIS21	-0.0014	302-1	0.55218
302	0.	DIS22	0.0012	302-1	0.
302	0.27609	DIS22	4.356E-04	302-1	0.27609
302	0.55218	DIS22	-0.0014	302-1	0.55218
302	0.	DIS23	0.0014	302-1	0.
302	0.27609	DIS23	3.973E-04	302-1	0.27609
302	0.55218	DIS23	-0.0016	302-1	0.55218
302	0.	DIS24	0.0011	302-1	0.
302	0.27609	DIS24	4.743E-04	302-1	0.27609
302	0.55218	DIS24	-0.0012	302-1	0.55218
302	0.	DIS25	0.0012	302-1	0.
302	0.27609	DIS25	4.360E-04	302-1	0.27609
302	0.55218	DIS25	-0.0014	302-1	0.55218
302	0.	DIS26	0.0012	302-1	0.
302	0.27609	DIS26	4.356E-04	302-1	0.27609
302	0.55218	DIS26	-0.0014	302-1	0.55218
302	0.	DIS27	0.0014	302-1	0.
302	0.27609	DIS27	3.973E-04	302-1	0.27609
302	0.55218	DIS27	-0.0016	302-1	0.55218
302	0.	DIS28	0.0011	302-1	0.
302	0.27609	DIS28	4.743E-04	302-1	0.27609
302	0.55218	DIS28	-0.0012	302-1	0.55218
302	0.	DIS29	0.0037	302-1	0.
302	0.27609	DIS29	8.155E-04	302-1	0.27609
302	0.55218	DIS29	-0.0031	302-1	0.55218
302	0.	DIS30	0.0037	302-1	0.
302	0.27609	DIS30	8.155E-04	302-1	0.27609
302	0.55218	DIS30	-0.0031	302-1	0.55218
302	0.	DIS31	0.0039	302-1	0.
302	0.27609	DIS31	8.450E-04	302-1	0.27609
302	0.55218	DIS31	-0.0032	302-1	0.55218
302	0.	DIS32	0.0016	302-1	0.
302	0.27609	DIS32	4.926E-04	302-1	0.27609
302	0.55218	DIS32	-0.0016	302-1	0.55218
302	0.	DIS33	0.0016	302-1	0.
302	0.27609	DIS33	4.926E-04	302-1	0.27609
302	0.55218	DIS33	-0.0016	302-1	0.55218
302	0.	DIS34	0.0018	302-1	0.
302	0.27609	DIS34	5.222E-04	302-1	0.27609
302	0.55218	DIS34	-0.0018	302-1	0.55218
302	0.	DIS35	0.0016	302-1	0.
302	0.27609	DIS35	4.926E-04	302-1	0.27609
302	0.55218	DIS35	-0.0016	302-1	0.55218
302	0.	DIS36	0.0016	302-1	0.
302	0.27609	DIS36	4.926E-04	302-1	0.27609
302	0.55218	DIS36	-0.0016	302-1	0.55218
302	0.	DIS37	0.0018	302-1	0.
302	0.27609	DIS37	5.222E-04	302-1	0.27609
302	0.55218	DIS37	-0.0018	302-1	0.55218
302	0.	DIS38	0.0026	302-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
302	0.27609	DIS38	6.503E-04	302-1	0.27609
302	0.55218	DIS38	-0.0023	302-1	0.55218
302	0.	DIS39	0.0026	302-1	0.
302	0.27609	DIS39	6.503E-04	302-1	0.27609
302	0.55218	DIS39	-0.0023	302-1	0.55218
302	0.	DIS40	0.003	302-1	0.
302	0.27609	DIS40	7.072E-04	302-1	0.27609
302	0.55218	DIS40	-0.0026	302-1	0.55218
302	0.	DIS41	0.002	302-1	0.
302	0.27609	DIS41	5.494E-04	302-1	0.27609
302	0.55218	DIS41	-0.0019	302-1	0.55218
302	0.	DIS42	0.002	302-1	0.
302	0.27609	DIS42	5.494E-04	302-1	0.27609
302	0.55218	DIS42	-0.0019	302-1	0.55218
302	0.	DIS43	0.0023	302-1	0.
302	0.27609	DIS43	6.063E-04	302-1	0.27609
302	0.55218	DIS43	-0.0021	302-1	0.55218
302	0.	DIS44	0.002	302-1	0.
302	0.27609	DIS44	5.494E-04	302-1	0.27609
302	0.55218	DIS44	-0.0019	302-1	0.55218
302	0.	DIS45	0.002	302-1	0.
302	0.27609	DIS45	5.494E-04	302-1	0.27609
302	0.55218	DIS45	-0.0019	302-1	0.55218
302	0.	DIS46	0.0023	302-1	0.
302	0.27609	DIS46	6.063E-04	302-1	0.27609
302	0.55218	DIS46	-0.0021	302-1	0.55218
302	0.	DIS47	0.0012	302-1	0.
302	0.27609	DIS47	4.360E-04	302-1	0.27609
302	0.55218	DIS47	-0.0014	302-1	0.55218
302	0.	DIS48	0.0012	302-1	0.
302	0.27609	DIS48	4.356E-04	302-1	0.27609
302	0.55218	DIS48	-0.0014	302-1	0.55218
302	0.	DIS49	0.0014	302-1	0.
302	0.27609	DIS49	3.973E-04	302-1	0.27609
302	0.55218	DIS49	-0.0016	302-1	0.55218
302	0.	DIS50	0.0011	302-1	0.
302	0.27609	DIS50	4.743E-04	302-1	0.27609
302	0.55218	DIS50	-0.0012	302-1	0.55218
302	0.	DIS51	0.0017	302-1	0.
302	0.27609	DIS51	4.405E-04	302-1	0.27609
302	0.55218	DIS51	-0.0015	302-1	0.55218
302	0.	DIS52	0.0017	302-1	0.
302	0.27609	DIS52	4.405E-04	302-1	0.27609
302	0.55218	DIS52	-0.0015	302-1	0.55218
302	0.	DIS53	0.002	302-1	0.
302	0.27609	DIS53	4.973E-04	302-1	0.27609
302	0.55218	DIS53	-0.0018	302-1	0.55218
302	0.	DIS54	9.294E-04	302-1	0.
302	0.27609	DIS54	3.270E-04	302-1	0.27609
302	0.55218	DIS54	-0.001	302-1	0.55218
302	0.	DIS55	9.303E-04	302-1	0.
302	0.27609	DIS55	3.267E-04	302-1	0.27609
302	0.55218	DIS55	-0.001	302-1	0.55218
302	0.	DIS56	0.001	302-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
302	0.27609	DIS56	2.980E-04	302-1	0.27609
302	0.55218	DIS56	-0.0012	302-1	0.55218
302	0.	DIS57	8.444E-04	302-1	0.
302	0.27609	DIS57	3.557E-04	302-1	0.27609
302	0.55218	DIS57	-8.935E-04	302-1	0.55218
303	0.	DEAD	0.0012	303-1	0.
303	0.27609	DEAD	0.001	303-1	0.27609
303	0.55218	DEAD	5.175E-05	303-1	0.55218
303	0.	L	0.	303-1	0.
303	0.27609	L	0.	303-1	0.27609
303	0.55218	L	0.	303-1	0.55218
303	0.	Lr	0.0014	303-1	0.
303	0.27609	Lr	8.722E-04	303-1	0.27609
303	0.55218	Lr	3.159E-04	303-1	0.55218
303	0.	G	0.	303-1	0.
303	0.27609	G	0.	303-1	0.27609
303	0.55218	G	0.	303-1	0.55218
303	0.	Le	0.	303-1	0.
303	0.27609	Le	0.	303-1	0.27609
303	0.55218	Le	0.	303-1	0.55218
303	0.	Wx	8.046E-04	303-1	0.
303	0.27609	Wx	4.913E-04	303-1	0.27609
303	0.55218	Wx	1.779E-04	303-1	0.55218
303	0.	Wy	8.046E-04	303-1	0.
303	0.27609	Wy	4.913E-04	303-1	0.27609
303	0.55218	Wy	1.779E-04	303-1	0.55218
303	0.	CFx D	-1.155E-06	303-1	0.
303	0.27609	CFx D	6.502E-07	303-1	0.27609
303	0.55218	CFx D	1.253E-06	303-1	0.55218
303	0.	CFy D	-6.499E-05	303-1	0.
303	0.27609	CFy D	8.267E-06	303-1	0.27609
303	0.55218	CFy D	8.152E-05	303-1	0.55218
303	0.	CFx L	0.	303-1	0.
303	0.27609	CFx L	0.	303-1	0.27609
303	0.55218	CFx L	0.	303-1	0.55218
303	0.	CFy L	0.	303-1	0.
303	0.27609	CFy L	0.	303-1	0.27609
303	0.55218	CFy L	0.	303-1	0.55218
303	0.	CFx Lr	-7.700E-07	303-1	0.
303	0.27609	CFx Lr	4.189E-07	303-1	0.27609
303	0.55218	CFx Lr	1.608E-06	303-1	0.55218
303	0.	CFy Lr	-4.504E-05	303-1	0.
303	0.27609	CFy Lr	1.265E-05	303-1	0.27609
303	0.55218	CFy Lr	7.035E-05	303-1	0.55218
303	0.	DIS01	0.0016	303-1	0.
303	0.27609	DIS01	0.0014	303-1	0.27609
303	0.55218	DIS01	7.421E-05	303-1	0.55218
303	0.	DIS02	0.0016	303-1	0.
303	0.27609	DIS02	0.0014	303-1	0.27609
303	0.55218	DIS02	7.070E-05	303-1	0.55218
303	0.	DIS03	0.0015	303-1	0.
303	0.27609	DIS03	0.0014	303-1	0.27609
303	0.55218	DIS03	1.866E-04	303-1	0.55218
303	0.	DIS04	0.0017	303-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
303	0.27609	DIS04	0.0014	303-1	0.27609
303	0.55218	DIS04	-4.167E-05	303-1	0.55218
303	0.	DIS05	0.0021	303-1	0.
303	0.27609	DIS05	0.0017	303-1	0.27609
303	0.55218	DIS05	2.223E-04	303-1	0.55218
303	0.	DIS06	0.0021	303-1	0.
303	0.27609	DIS06	0.0017	303-1	0.27609
303	0.55218	DIS06	2.177E-04	303-1	0.55218
303	0.	DIS07	0.002	303-1	0.
303	0.27609	DIS07	0.0017	303-1	0.27609
303	0.55218	DIS07	3.530E-04	303-1	0.55218
303	0.	DIS08	0.0022	303-1	0.
303	0.27609	DIS08	0.0016	303-1	0.27609
303	0.55218	DIS08	8.704E-05	303-1	0.55218
303	0.	DIS09	0.0014	303-1	0.
303	0.27609	DIS09	0.0012	303-1	0.27609
303	0.55218	DIS09	6.361E-05	303-1	0.55218
303	0.	DIS10	0.0014	303-1	0.
303	0.27609	DIS10	0.0012	303-1	0.27609
303	0.55218	DIS10	6.060E-05	303-1	0.55218
303	0.	DIS11	0.0013	303-1	0.
303	0.27609	DIS11	0.0012	303-1	0.27609
303	0.55218	DIS11	1.599E-04	303-1	0.55218
303	0.	DIS12	0.0015	303-1	0.
303	0.27609	DIS12	0.0012	303-1	0.27609
303	0.55218	DIS12	-3.572E-05	303-1	0.55218
303	0.	DIS13	0.0014	303-1	0.
303	0.27609	DIS13	0.0012	303-1	0.27609
303	0.55218	DIS13	6.361E-05	303-1	0.55218
303	0.	DIS14	0.0014	303-1	0.
303	0.27609	DIS14	0.0012	303-1	0.27609
303	0.55218	DIS14	6.060E-05	303-1	0.55218
303	0.	DIS15	0.0013	303-1	0.
303	0.27609	DIS15	0.0012	303-1	0.27609
303	0.55218	DIS15	1.599E-04	303-1	0.55218
303	0.	DIS16	0.0015	303-1	0.
303	0.27609	DIS16	0.0012	303-1	0.27609
303	0.55218	DIS16	-3.572E-05	303-1	0.55218
303	0.	DIS17	0.0037	303-1	0.
303	0.27609	DIS17	0.0026	303-1	0.27609
303	0.55218	DIS17	5.716E-04	303-1	0.55218
303	0.	DIS18	0.0037	303-1	0.
303	0.27609	DIS18	0.0026	303-1	0.27609
303	0.55218	DIS18	5.634E-04	303-1	0.55218
303	0.	DIS19	0.0035	303-1	0.
303	0.27609	DIS19	0.0027	303-1	0.27609
303	0.55218	DIS19	7.779E-04	303-1	0.55218
303	0.	DIS20	0.0038	303-1	0.
303	0.27609	DIS20	0.0026	303-1	0.27609
303	0.55218	DIS20	3.571E-04	303-1	0.55218
303	0.	DIS21	0.0014	303-1	0.
303	0.27609	DIS21	0.0012	303-1	0.27609
303	0.55218	DIS21	6.361E-05	303-1	0.55218
303	0.	DIS22	0.0014	303-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
303	0.27609	DIS22	0.0012	303-1	0.27609
303	0.55218	DIS22	6.060E-05	303-1	0.55218
303	0.	DIS23	0.0013	303-1	0.
303	0.27609	DIS23	0.0012	303-1	0.27609
303	0.55218	DIS23	1.599E-04	303-1	0.55218
303	0.	DIS24	0.0015	303-1	0.
303	0.27609	DIS24	0.0012	303-1	0.27609
303	0.55218	DIS24	-3.572E-05	303-1	0.55218
303	0.	DIS25	0.0014	303-1	0.
303	0.27609	DIS25	0.0012	303-1	0.27609
303	0.55218	DIS25	6.361E-05	303-1	0.55218
303	0.	DIS26	0.0014	303-1	0.
303	0.27609	DIS26	0.0012	303-1	0.27609
303	0.55218	DIS26	6.060E-05	303-1	0.55218
303	0.	DIS27	0.0013	303-1	0.
303	0.27609	DIS27	0.0012	303-1	0.27609
303	0.55218	DIS27	1.599E-04	303-1	0.55218
303	0.	DIS28	0.0015	303-1	0.
303	0.27609	DIS28	0.0012	303-1	0.27609
303	0.55218	DIS28	-3.572E-05	303-1	0.55218
303	0.	DIS29	0.0041	303-1	0.
303	0.27609	DIS29	0.0029	303-1	0.27609
303	0.55218	DIS29	6.565E-04	303-1	0.55218
303	0.	DIS30	0.0041	303-1	0.
303	0.27609	DIS30	0.0029	303-1	0.27609
303	0.55218	DIS30	6.565E-04	303-1	0.55218
303	0.	DIS31	0.0043	303-1	0.
303	0.27609	DIS31	0.003	303-1	0.27609
303	0.55218	DIS31	7.027E-04	303-1	0.55218
303	0.	DIS32	0.0018	303-1	0.
303	0.27609	DIS32	0.0015	303-1	0.27609
303	0.55218	DIS32	1.511E-04	303-1	0.55218
303	0.	DIS33	0.0018	303-1	0.
303	0.27609	DIS33	0.0015	303-1	0.27609
303	0.55218	DIS33	1.511E-04	303-1	0.55218
303	0.	DIS34	0.002	303-1	0.
303	0.27609	DIS34	0.0016	303-1	0.27609
303	0.55218	DIS34	1.973E-04	303-1	0.55218
303	0.	DIS35	0.0018	303-1	0.
303	0.27609	DIS35	0.0015	303-1	0.27609
303	0.55218	DIS35	1.511E-04	303-1	0.55218
303	0.	DIS36	0.0018	303-1	0.
303	0.27609	DIS36	0.0015	303-1	0.27609
303	0.55218	DIS36	1.511E-04	303-1	0.55218
303	0.	DIS37	0.002	303-1	0.
303	0.27609	DIS37	0.0016	303-1	0.27609
303	0.55218	DIS37	1.973E-04	303-1	0.55218
303	0.	DIS38	0.0029	303-1	0.
303	0.27609	DIS38	0.0022	303-1	0.27609
303	0.55218	DIS38	3.980E-04	303-1	0.55218
303	0.	DIS39	0.0029	303-1	0.
303	0.27609	DIS39	0.0022	303-1	0.27609
303	0.55218	DIS39	3.980E-04	303-1	0.55218
303	0.	DIS40	0.0033	303-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
303	0.27609	DIS40	0.0024	303-1	0.27609
303	0.55218	DIS40	4.869E-04	303-1	0.55218
303	0.	DIS41	0.0022	303-1	0.
303	0.27609	DIS41	0.0017	303-1	0.27609
303	0.55218	DIS41	2.400E-04	303-1	0.55218
303	0.	DIS42	0.0022	303-1	0.
303	0.27609	DIS42	0.0017	303-1	0.27609
303	0.55218	DIS42	2.400E-04	303-1	0.55218
303	0.	DIS43	0.0026	303-1	0.
303	0.27609	DIS43	0.002	303-1	0.27609
303	0.55218	DIS43	3.290E-04	303-1	0.55218
303	0.	DIS44	0.0022	303-1	0.
303	0.27609	DIS44	0.0017	303-1	0.27609
303	0.55218	DIS44	2.400E-04	303-1	0.55218
303	0.	DIS45	0.0022	303-1	0.
303	0.27609	DIS45	0.0017	303-1	0.27609
303	0.55218	DIS45	2.400E-04	303-1	0.55218
303	0.	DIS46	0.0026	303-1	0.
303	0.27609	DIS46	0.002	303-1	0.27609
303	0.55218	DIS46	3.290E-04	303-1	0.55218
303	0.	DIS47	0.0014	303-1	0.
303	0.27609	DIS47	0.0012	303-1	0.27609
303	0.55218	DIS47	6.361E-05	303-1	0.55218
303	0.	DIS48	0.0014	303-1	0.
303	0.27609	DIS48	0.0012	303-1	0.27609
303	0.55218	DIS48	6.060E-05	303-1	0.55218
303	0.	DIS49	0.0013	303-1	0.
303	0.27609	DIS49	0.0012	303-1	0.27609
303	0.55218	DIS49	1.599E-04	303-1	0.55218
303	0.	DIS50	0.0015	303-1	0.
303	0.27609	DIS50	0.0012	303-1	0.27609
303	0.55218	DIS50	-3.572E-05	303-1	0.55218
303	0.	DIS51	0.0018	303-1	0.
303	0.27609	DIS51	0.0014	303-1	0.27609
303	0.55218	DIS51	2.245E-04	303-1	0.55218
303	0.	DIS52	0.0018	303-1	0.
303	0.27609	DIS52	0.0014	303-1	0.27609
303	0.55218	DIS52	2.245E-04	303-1	0.55218
303	0.	DIS53	0.0022	303-1	0.
303	0.27609	DIS53	0.0017	303-1	0.27609
303	0.55218	DIS53	3.135E-04	303-1	0.55218
303	0.	DIS54	0.001	303-1	0.
303	0.27609	DIS54	9.228E-04	303-1	0.27609
303	0.55218	DIS54	4.771E-05	303-1	0.55218
303	0.	DIS55	0.001	303-1	0.
303	0.27609	DIS55	9.216E-04	303-1	0.27609
303	0.55218	DIS55	4.545E-05	303-1	0.55218
303	0.	DIS56	9.789E-04	303-1	0.
303	0.27609	DIS56	9.297E-04	303-1	0.27609
303	0.55218	DIS56	1.199E-04	303-1	0.55218
303	0.	DIS57	0.0011	303-1	0.
303	0.27609	DIS57	9.148E-04	303-1	0.27609
303	0.55218	DIS57	-2.679E-05	303-1	0.55218
304	0.	DEAD	3.202E-04	304-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
304	0.27609	DEAD	0.0014	304-1	0.27609
304	0.55218	DEAD	0.0017	304-1	0.55218
304	0.	L	0.	304-1	0.
304	0.27609	L	0.	304-1	0.27609
304	0.55218	L	0.	304-1	0.55218
304	0.	Lr	5.858E-04	304-1	0.
304	0.27609	Lr	0.0013	304-1	0.27609
304	0.55218	Lr	0.0019	304-1	0.55218
304	0.	G	0.	304-1	0.
304	0.27609	G	0.	304-1	0.27609
304	0.55218	G	0.	304-1	0.55218
304	0.	Le	0.	304-1	0.
304	0.27609	Le	0.	304-1	0.27609
304	0.55218	Le	0.	304-1	0.55218
304	0.	Wx	3.300E-04	304-1	0.
304	0.27609	Wx	7.138E-04	304-1	0.27609
304	0.55218	Wx	0.0011	304-1	0.55218
304	0.	Wy	3.300E-04	304-1	0.
304	0.27609	Wy	7.138E-04	304-1	0.27609
304	0.55218	Wy	0.0011	304-1	0.55218
304	0.	CFx D	-1.885E-07	304-1	0.
304	0.27609	CFx D	1.087E-07	304-1	0.27609
304	0.55218	CFx D	1.608E-06	304-1	0.55218
304	0.	CFy D	4.166E-05	304-1	0.
304	0.27609	CFy D	-2.077E-05	304-1	0.27609
304	0.55218	CFy D	-8.319E-05	304-1	0.55218
304	0.	CFx L	0.	304-1	0.
304	0.27609	CFx L	0.	304-1	0.27609
304	0.55218	CFx L	0.	304-1	0.55218
304	0.	CFy L	0.	304-1	0.
304	0.27609	CFy L	0.	304-1	0.27609
304	0.55218	CFy L	0.	304-1	0.55218
304	0.	CFx Lr	-5.549E-07	304-1	0.
304	0.27609	CFx Lr	3.282E-07	304-1	0.27609
304	0.55218	CFx Lr	1.211E-06	304-1	0.55218
304	0.	CFy Lr	4.158E-05	304-1	0.
304	0.27609	CFy Lr	-2.033E-05	304-1	0.27609
304	0.55218	CFy Lr	-8.223E-05	304-1	0.55218
304	0.	DIS01	4.480E-04	304-1	0.
304	0.27609	DIS01	0.002	304-1	0.27609
304	0.55218	DIS01	0.0024	304-1	0.55218
304	0.	DIS02	4.485E-04	304-1	0.
304	0.27609	DIS02	0.002	304-1	0.27609
304	0.55218	DIS02	0.0023	304-1	0.55218
304	0.	DIS03	5.066E-04	304-1	0.
304	0.27609	DIS03	0.002	304-1	0.27609
304	0.55218	DIS03	0.0022	304-1	0.55218
304	0.	DIS04	3.899E-04	304-1	0.
304	0.27609	DIS04	0.002	304-1	0.27609
304	0.55218	DIS04	0.0025	304-1	0.55218
304	0.	DIS05	6.766E-04	304-1	0.
304	0.27609	DIS05	0.0023	304-1	0.27609
304	0.55218	DIS05	0.003	304-1	0.55218
304	0.	DIS06	6.776E-04	304-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
304	0.27609	DIS06	0.0023	304-1	0.27609
304	0.55218	DIS06	0.003	304-1	0.55218
304	0.	DIS07	7.479E-04	304-1	0.
304	0.27609	DIS07	0.0023	304-1	0.27609
304	0.55218	DIS07	0.0028	304-1	0.55218
304	0.	DIS08	6.063E-04	304-1	0.
304	0.27609	DIS08	0.0024	304-1	0.27609
304	0.55218	DIS08	0.0031	304-1	0.55218
304	0.	DIS09	3.840E-04	304-1	0.
304	0.27609	DIS09	0.0017	304-1	0.27609
304	0.55218	DIS09	0.002	304-1	0.55218
304	0.	DIS10	3.844E-04	304-1	0.
304	0.27609	DIS10	0.0017	304-1	0.27609
304	0.55218	DIS10	0.002	304-1	0.55218
304	0.	DIS11	4.342E-04	304-1	0.
304	0.27609	DIS11	0.0017	304-1	0.27609
304	0.55218	DIS11	0.0019	304-1	0.55218
304	0.	DIS12	3.342E-04	304-1	0.
304	0.27609	DIS12	0.0017	304-1	0.27609
304	0.55218	DIS12	0.0021	304-1	0.55218
304	0.	DIS13	3.840E-04	304-1	0.
304	0.27609	DIS13	0.0017	304-1	0.27609
304	0.55218	DIS13	0.002	304-1	0.55218
304	0.	DIS14	3.844E-04	304-1	0.
304	0.27609	DIS14	0.0017	304-1	0.27609
304	0.55218	DIS14	0.002	304-1	0.55218
304	0.	DIS15	4.342E-04	304-1	0.
304	0.27609	DIS15	0.0017	304-1	0.27609
304	0.55218	DIS15	0.0019	304-1	0.55218
304	0.	DIS16	3.342E-04	304-1	0.
304	0.27609	DIS16	0.0017	304-1	0.27609
304	0.55218	DIS16	0.0021	304-1	0.55218
304	0.	DIS17	0.0013	304-1	0.
304	0.27609	DIS17	0.0037	304-1	0.27609
304	0.55218	DIS17	0.0051	304-1	0.55218
304	0.	DIS18	0.0013	304-1	0.
304	0.27609	DIS18	0.0037	304-1	0.27609
304	0.55218	DIS18	0.0051	304-1	0.55218
304	0.	DIS19	0.0014	304-1	0.
304	0.27609	DIS19	0.0037	304-1	0.27609
304	0.55218	DIS19	0.0049	304-1	0.55218
304	0.	DIS20	0.0012	304-1	0.
304	0.27609	DIS20	0.0038	304-1	0.27609
304	0.55218	DIS20	0.0054	304-1	0.55218
304	0.	DIS21	3.840E-04	304-1	0.
304	0.27609	DIS21	0.0017	304-1	0.27609
304	0.55218	DIS21	0.002	304-1	0.55218
304	0.	DIS22	3.844E-04	304-1	0.
304	0.27609	DIS22	0.0017	304-1	0.27609
304	0.55218	DIS22	0.002	304-1	0.55218
304	0.	DIS23	4.342E-04	304-1	0.
304	0.27609	DIS23	0.0017	304-1	0.27609
304	0.55218	DIS23	0.0019	304-1	0.55218
304	0.	DIS24	3.342E-04	304-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
304	0.27609	DIS24	0.0017	304-1	0.27609
304	0.55218	DIS24	0.0021	304-1	0.55218
304	0.	DIS25	3.840E-04	304-1	0.
304	0.27609	DIS25	0.0017	304-1	0.27609
304	0.55218	DIS25	0.002	304-1	0.55218
304	0.	DIS26	3.844E-04	304-1	0.
304	0.27609	DIS26	0.0017	304-1	0.27609
304	0.55218	DIS26	0.002	304-1	0.55218
304	0.	DIS27	4.342E-04	304-1	0.
304	0.27609	DIS27	0.0017	304-1	0.27609
304	0.55218	DIS27	0.0019	304-1	0.55218
304	0.	DIS28	3.342E-04	304-1	0.
304	0.27609	DIS28	0.0017	304-1	0.27609
304	0.55218	DIS28	0.0021	304-1	0.55218
304	0.	DIS29	0.0015	304-1	0.
304	0.27609	DIS29	0.0041	304-1	0.27609
304	0.55218	DIS29	0.0057	304-1	0.55218
304	0.	DIS30	0.0015	304-1	0.
304	0.27609	DIS30	0.0041	304-1	0.27609
304	0.55218	DIS30	0.0057	304-1	0.55218
304	0.	DIS31	0.0016	304-1	0.
304	0.27609	DIS31	0.0043	304-1	0.27609
304	0.55218	DIS31	0.006	304-1	0.55218
304	0.	DIS32	5.492E-04	304-1	0.
304	0.27609	DIS32	0.0021	304-1	0.27609
304	0.55218	DIS32	0.0026	304-1	0.55218
304	0.	DIS33	5.492E-04	304-1	0.
304	0.27609	DIS33	0.0021	304-1	0.27609
304	0.55218	DIS33	0.0026	304-1	0.55218
304	0.	DIS34	6.350E-04	304-1	0.
304	0.27609	DIS34	0.0022	304-1	0.27609
304	0.55218	DIS34	0.0028	304-1	0.55218
304	0.	DIS35	5.492E-04	304-1	0.
304	0.27609	DIS35	0.0021	304-1	0.27609
304	0.55218	DIS35	0.0026	304-1	0.55218
304	0.	DIS36	5.492E-04	304-1	0.
304	0.27609	DIS36	0.0021	304-1	0.27609
304	0.55218	DIS36	0.0026	304-1	0.55218
304	0.	DIS37	6.350E-04	304-1	0.
304	0.27609	DIS37	0.0022	304-1	0.27609
304	0.55218	DIS37	0.0028	304-1	0.55218
304	0.	DIS38	0.001	304-1	0.
304	0.27609	DIS38	0.0031	304-1	0.27609
304	0.55218	DIS38	0.0041	304-1	0.55218
304	0.	DIS39	0.001	304-1	0.
304	0.27609	DIS39	0.0031	304-1	0.27609
304	0.55218	DIS39	0.0041	304-1	0.55218
304	0.	DIS40	0.0012	304-1	0.
304	0.27609	DIS40	0.0034	304-1	0.27609
304	0.55218	DIS40	0.0046	304-1	0.55218
304	0.	DIS41	7.142E-04	304-1	0.
304	0.27609	DIS41	0.0024	304-1	0.27609
304	0.55218	DIS41	0.0031	304-1	0.55218
304	0.	DIS42	7.142E-04	304-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
304	0.27609	DIS42	0.0024	304-1	0.27609
304	0.55218	DIS42	0.0031	304-1	0.55218
304	0.	DIS43	8.791E-04	304-1	0.
304	0.27609	DIS43	0.0028	304-1	0.27609
304	0.55218	DIS43	0.0037	304-1	0.55218
304	0.	DIS44	7.142E-04	304-1	0.
304	0.27609	DIS44	0.0024	304-1	0.27609
304	0.55218	DIS44	0.0031	304-1	0.55218
304	0.	DIS45	7.142E-04	304-1	0.
304	0.27609	DIS45	0.0024	304-1	0.27609
304	0.55218	DIS45	0.0031	304-1	0.55218
304	0.	DIS46	8.791E-04	304-1	0.
304	0.27609	DIS46	0.0028	304-1	0.27609
304	0.55218	DIS46	0.0037	304-1	0.55218
304	0.	DIS47	3.840E-04	304-1	0.
304	0.27609	DIS47	0.0017	304-1	0.27609
304	0.55218	DIS47	0.002	304-1	0.55218
304	0.	DIS48	3.844E-04	304-1	0.
304	0.27609	DIS48	0.0017	304-1	0.27609
304	0.55218	DIS48	0.002	304-1	0.55218
304	0.	DIS49	4.342E-04	304-1	0.
304	0.27609	DIS49	0.0017	304-1	0.27609
304	0.55218	DIS49	0.0019	304-1	0.55218
304	0.	DIS50	3.342E-04	304-1	0.
304	0.27609	DIS50	0.0017	304-1	0.27609
304	0.55218	DIS50	0.0021	304-1	0.55218
304	0.	DIS51	6.181E-04	304-1	0.
304	0.27609	DIS51	0.002	304-1	0.27609
304	0.55218	DIS51	0.0026	304-1	0.55218
304	0.	DIS52	6.181E-04	304-1	0.
304	0.27609	DIS52	0.002	304-1	0.27609
304	0.55218	DIS52	0.0026	304-1	0.55218
304	0.	DIS53	7.831E-04	304-1	0.
304	0.27609	DIS53	0.0024	304-1	0.27609
304	0.55218	DIS53	0.0032	304-1	0.55218
304	0.	DIS54	2.880E-04	304-1	0.
304	0.27609	DIS54	0.0013	304-1	0.27609
304	0.55218	DIS54	0.0015	304-1	0.55218
304	0.	DIS55	2.883E-04	304-1	0.
304	0.27609	DIS55	0.0013	304-1	0.27609
304	0.55218	DIS55	0.0015	304-1	0.55218
304	0.	DIS56	3.256E-04	304-1	0.
304	0.27609	DIS56	0.0013	304-1	0.27609
304	0.55218	DIS56	0.0014	304-1	0.55218
304	0.	DIS57	2.507E-04	304-1	0.
304	0.27609	DIS57	0.0013	304-1	0.27609
304	0.55218	DIS57	0.0016	304-1	0.55218
305	0.	DEAD	9.618E-04	305-1	0.
305	0.27609	DEAD	0.0014	305-1	0.27609
305	0.55218	DEAD	0.0011	305-1	0.55218
305	0.	L	0.	305-1	0.
305	0.27609	L	0.	305-1	0.27609
305	0.55218	L	0.	305-1	0.55218
305	0.	Lr	0.0012	305-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
305	0.27609	Lr	0.0013	305-1	0.27609
305	0.55218	Lr	0.0014	305-1	0.55218
305	0.	G	0.	305-1	0.
305	0.27609	G	0.	305-1	0.27609
305	0.55218	G	0.	305-1	0.55218
305	0.	Le	0.	305-1	0.
305	0.27609	Le	0.	305-1	0.27609
305	0.55218	Le	0.	305-1	0.55218
305	0.	Wx	6.848E-04	305-1	0.
305	0.27609	Wx	7.231E-04	305-1	0.27609
305	0.55218	Wx	7.614E-04	305-1	0.55218
305	0.	Wy	6.848E-04	305-1	0.
305	0.27609	Wy	7.231E-04	305-1	0.27609
305	0.55218	Wy	7.614E-04	305-1	0.55218
305	0.	CFx D	-1.125E-06	305-1	0.
305	0.27609	CFx D	5.478E-07	305-1	0.27609
305	0.55218	CFx D	1.019E-06	305-1	0.55218
305	0.	CFy D	-1.741E-05	305-1	0.
305	0.27609	CFy D	-6.640E-06	305-1	0.27609
305	0.55218	CFy D	4.131E-06	305-1	0.55218
305	0.	CFx L	0.	305-1	0.
305	0.27609	CFx L	0.	305-1	0.27609
305	0.55218	CFx L	0.	305-1	0.55218
305	0.	CFy L	0.	305-1	0.
305	0.27609	CFy L	0.	305-1	0.27609
305	0.55218	CFy L	0.	305-1	0.55218
305	0.	CFx Lr	-7.404E-07	305-1	0.
305	0.27609	CFx Lr	3.187E-07	305-1	0.27609
305	0.55218	CFx Lr	1.378E-06	305-1	0.55218
305	0.	CFy Lr	-2.228E-05	305-1	0.
305	0.27609	CFy Lr	-4.610E-06	305-1	0.27609
305	0.55218	CFy Lr	1.306E-05	305-1	0.55218
305	0.	DIS01	0.0013	305-1	0.
305	0.27609	DIS01	0.002	305-1	0.27609
305	0.55218	DIS01	0.0015	305-1	0.55218
305	0.	DIS02	0.0013	305-1	0.
305	0.27609	DIS02	0.002	305-1	0.27609
305	0.55218	DIS02	0.0015	305-1	0.55218
305	0.	DIS03	0.0013	305-1	0.
305	0.27609	DIS03	0.002	305-1	0.27609
305	0.55218	DIS03	0.0015	305-1	0.55218
305	0.	DIS04	0.0014	305-1	0.
305	0.27609	DIS04	0.002	305-1	0.27609
305	0.55218	DIS04	0.0015	305-1	0.55218
305	0.	DIS05	0.0018	305-1	0.
305	0.27609	DIS05	0.0024	305-1	0.27609
305	0.55218	DIS05	0.002	305-1	0.55218
305	0.	DIS06	0.0018	305-1	0.
305	0.27609	DIS06	0.0024	305-1	0.27609
305	0.55218	DIS06	0.002	305-1	0.55218
305	0.	DIS07	0.0017	305-1	0.
305	0.27609	DIS07	0.0024	305-1	0.27609
305	0.55218	DIS07	0.002	305-1	0.55218
305	0.	DIS08	0.0018	305-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
305	0.27609	DIS08	0.0024	305-1	0.27609
305	0.55218	DIS08	0.002	305-1	0.55218
305	0.	DIS09	0.0012	305-1	0.
305	0.27609	DIS09	0.0017	305-1	0.27609
305	0.55218	DIS09	0.0013	305-1	0.55218
305	0.	DIS10	0.0012	305-1	0.
305	0.27609	DIS10	0.0017	305-1	0.27609
305	0.55218	DIS10	0.0013	305-1	0.55218
305	0.	DIS11	0.0011	305-1	0.
305	0.27609	DIS11	0.0017	305-1	0.27609
305	0.55218	DIS11	0.0013	305-1	0.55218
305	0.	DIS12	0.0012	305-1	0.
305	0.27609	DIS12	0.0017	305-1	0.27609
305	0.55218	DIS12	0.0013	305-1	0.55218
305	0.	DIS13	0.0012	305-1	0.
305	0.27609	DIS13	0.0017	305-1	0.27609
305	0.55218	DIS13	0.0013	305-1	0.55218
305	0.	DIS14	0.0012	305-1	0.
305	0.27609	DIS14	0.0017	305-1	0.27609
305	0.55218	DIS14	0.0013	305-1	0.55218
305	0.	DIS15	0.0011	305-1	0.
305	0.27609	DIS15	0.0017	305-1	0.27609
305	0.55218	DIS15	0.0013	305-1	0.55218
305	0.	DIS16	0.0012	305-1	0.
305	0.27609	DIS16	0.0017	305-1	0.27609
305	0.55218	DIS16	0.0013	305-1	0.55218
305	0.	DIS17	0.0031	305-1	0.
305	0.27609	DIS17	0.0038	305-1	0.27609
305	0.55218	DIS17	0.0035	305-1	0.55218
305	0.	DIS18	0.0031	305-1	0.
305	0.27609	DIS18	0.0038	305-1	0.27609
305	0.55218	DIS18	0.0035	305-1	0.55218
305	0.	DIS19	0.003	305-1	0.
305	0.27609	DIS19	0.0038	305-1	0.27609
305	0.55218	DIS19	0.0035	305-1	0.55218
305	0.	DIS20	0.0032	305-1	0.
305	0.27609	DIS20	0.0038	305-1	0.27609
305	0.55218	DIS20	0.0034	305-1	0.55218
305	0.	DIS21	0.0012	305-1	0.
305	0.27609	DIS21	0.0017	305-1	0.27609
305	0.55218	DIS21	0.0013	305-1	0.55218
305	0.	DIS22	0.0012	305-1	0.
305	0.27609	DIS22	0.0017	305-1	0.27609
305	0.55218	DIS22	0.0013	305-1	0.55218
305	0.	DIS23	0.0011	305-1	0.
305	0.27609	DIS23	0.0017	305-1	0.27609
305	0.55218	DIS23	0.0013	305-1	0.55218
305	0.	DIS24	0.0012	305-1	0.
305	0.27609	DIS24	0.0017	305-1	0.27609
305	0.55218	DIS24	0.0013	305-1	0.55218
305	0.	DIS25	0.0012	305-1	0.
305	0.27609	DIS25	0.0017	305-1	0.27609
305	0.55218	DIS25	0.0013	305-1	0.55218
305	0.	DIS26	0.0012	305-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
305	0.27609	DIS26	0.0017	305-1	0.27609
305	0.55218	DIS26	0.0013	305-1	0.55218
305	0.	DIS27	0.0011	305-1	0.
305	0.27609	DIS27	0.0017	305-1	0.27609
305	0.55218	DIS27	0.0013	305-1	0.55218
305	0.	DIS28	0.0012	305-1	0.
305	0.27609	DIS28	0.0017	305-1	0.27609
305	0.55218	DIS28	0.0013	305-1	0.55218
305	0.	DIS29	0.0034	305-1	0.
305	0.27609	DIS29	0.0041	305-1	0.27609
305	0.55218	DIS29	0.0038	305-1	0.55218
305	0.	DIS30	0.0034	305-1	0.
305	0.27609	DIS30	0.0041	305-1	0.27609
305	0.55218	DIS30	0.0038	305-1	0.55218
305	0.	DIS31	0.0036	305-1	0.
305	0.27609	DIS31	0.0043	305-1	0.27609
305	0.55218	DIS31	0.004	305-1	0.55218
305	0.	DIS32	0.0015	305-1	0.
305	0.27609	DIS32	0.0021	305-1	0.27609
305	0.55218	DIS32	0.0017	305-1	0.55218
305	0.	DIS33	0.0015	305-1	0.
305	0.27609	DIS33	0.0021	305-1	0.27609
305	0.55218	DIS33	0.0017	305-1	0.55218
305	0.	DIS34	0.0017	305-1	0.
305	0.27609	DIS34	0.0023	305-1	0.27609
305	0.55218	DIS34	0.0019	305-1	0.55218
305	0.	DIS35	0.0015	305-1	0.
305	0.27609	DIS35	0.0021	305-1	0.27609
305	0.55218	DIS35	0.0017	305-1	0.55218
305	0.	DIS36	0.0015	305-1	0.
305	0.27609	DIS36	0.0021	305-1	0.27609
305	0.55218	DIS36	0.0017	305-1	0.55218
305	0.	DIS37	0.0017	305-1	0.
305	0.27609	DIS37	0.0023	305-1	0.27609
305	0.55218	DIS37	0.0019	305-1	0.55218
305	0.	DIS38	0.0024	305-1	0.
305	0.27609	DIS38	0.0031	305-1	0.27609
305	0.55218	DIS38	0.0027	305-1	0.55218
305	0.	DIS39	0.0024	305-1	0.
305	0.27609	DIS39	0.0031	305-1	0.27609
305	0.55218	DIS39	0.0027	305-1	0.55218
305	0.	DIS40	0.0028	305-1	0.
305	0.27609	DIS40	0.0035	305-1	0.27609
305	0.55218	DIS40	0.0031	305-1	0.55218
305	0.	DIS41	0.0018	305-1	0.
305	0.27609	DIS41	0.0025	305-1	0.27609
305	0.55218	DIS41	0.0021	305-1	0.55218
305	0.	DIS42	0.0018	305-1	0.
305	0.27609	DIS42	0.0025	305-1	0.27609
305	0.55218	DIS42	0.0021	305-1	0.55218
305	0.	DIS43	0.0022	305-1	0.
305	0.27609	DIS43	0.0028	305-1	0.27609
305	0.55218	DIS43	0.0024	305-1	0.55218
305	0.	DIS44	0.0018	305-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
305	0.27609	DIS44	0.0025	305-1	0.27609
305	0.55218	DIS44	0.0021	305-1	0.55218
305	0.	DIS45	0.0018	305-1	0.
305	0.27609	DIS45	0.0025	305-1	0.27609
305	0.55218	DIS45	0.0021	305-1	0.55218
305	0.	DIS46	0.0022	305-1	0.
305	0.27609	DIS46	0.0028	305-1	0.27609
305	0.55218	DIS46	0.0024	305-1	0.55218
305	0.	DIS47	0.0012	305-1	0.
305	0.27609	DIS47	0.0017	305-1	0.27609
305	0.55218	DIS47	0.0013	305-1	0.55218
305	0.	DIS48	0.0012	305-1	0.
305	0.27609	DIS48	0.0017	305-1	0.27609
305	0.55218	DIS48	0.0013	305-1	0.55218
305	0.	DIS49	0.0011	305-1	0.
305	0.27609	DIS49	0.0017	305-1	0.27609
305	0.55218	DIS49	0.0013	305-1	0.55218
305	0.	DIS50	0.0012	305-1	0.
305	0.27609	DIS50	0.0017	305-1	0.27609
305	0.55218	DIS50	0.0013	305-1	0.55218
305	0.	DIS51	0.0016	305-1	0.
305	0.27609	DIS51	0.002	305-1	0.27609
305	0.55218	DIS51	0.0017	305-1	0.55218
305	0.	DIS52	0.0016	305-1	0.
305	0.27609	DIS52	0.002	305-1	0.27609
305	0.55218	DIS52	0.0017	305-1	0.55218
305	0.	DIS53	0.0019	305-1	0.
305	0.27609	DIS53	0.0024	305-1	0.27609
305	0.55218	DIS53	0.0021	305-1	0.55218
305	0.	DIS54	8.646E-04	305-1	0.
305	0.27609	DIS54	0.0013	305-1	0.27609
305	0.55218	DIS54	9.725E-04	305-1	0.55218
305	0.	DIS55	8.666E-04	305-1	0.
305	0.27609	DIS55	0.0013	305-1	0.27609
305	0.55218	DIS55	9.707E-04	305-1	0.55218
305	0.	DIS56	8.500E-04	305-1	0.
305	0.27609	DIS56	0.0013	305-1	0.27609
305	0.55218	DIS56	9.753E-04	305-1	0.55218
305	0.	DIS57	8.813E-04	305-1	0.
305	0.27609	DIS57	0.0013	305-1	0.27609
305	0.55218	DIS57	9.679E-04	305-1	0.55218
306	0.	DEAD	8.946E-04	306-1	0.
306	0.27609	DEAD	0.0015	306-1	0.27609
306	0.55218	DEAD	0.0012	306-1	0.55218
306	0.	L	0.	306-1	0.
306	0.27609	L	0.	306-1	0.27609
306	0.55218	L	0.	306-1	0.55218
306	0.	Lr	0.0012	306-1	0.
306	0.27609	Lr	0.0013	306-1	0.27609
306	0.55218	Lr	0.0015	306-1	0.55218
306	0.	G	0.	306-1	0.
306	0.27609	G	0.	306-1	0.27609
306	0.55218	G	0.	306-1	0.55218
306	0.	Le	0.	306-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
306	0.27609	Le	0.	306-1	0.27609
306	0.55218	Le	0.	306-1	0.55218
306	0.	Wx	6.501E-04	306-1	0.
306	0.27609	Wx	7.471E-04	306-1	0.27609
306	0.55218	Wx	8.441E-04	306-1	0.55218
306	0.	Wy	6.501E-04	306-1	0.
306	0.27609	Wy	7.471E-04	306-1	0.27609
306	0.55218	Wy	8.441E-04	306-1	0.55218
306	0.	CFx D	-1.145E-07	306-1	0.
306	0.27609	CFx D	5.429E-08	306-1	0.27609
306	0.55218	CFx D	1.425E-06	306-1	0.55218
306	0.	CFy D	-1.054E-04	306-1	0.
306	0.27609	CFy D	-3.320E-05	306-1	0.27609
306	0.55218	CFy D	3.901E-05	306-1	0.55218
306	0.	CFx L	0.	306-1	0.
306	0.27609	CFx L	0.	306-1	0.27609
306	0.55218	CFx L	0.	306-1	0.55218
306	0.	CFy L	0.	306-1	0.
306	0.27609	CFy L	0.	306-1	0.27609
306	0.55218	CFy L	0.	306-1	0.55218
306	0.	CFx Lr	-4.810E-07	306-1	0.
306	0.27609	CFx Lr	2.744E-07	306-1	0.27609
306	0.55218	CFx Lr	1.030E-06	306-1	0.55218
306	0.	CFy Lr	-9.296E-05	306-1	0.
306	0.27609	CFy Lr	-3.321E-05	306-1	0.27609
306	0.55218	CFy Lr	2.653E-05	306-1	0.55218
306	0.	DIS01	0.0013	306-1	0.
306	0.27609	DIS01	0.0021	306-1	0.27609
306	0.55218	DIS01	0.0017	306-1	0.55218
306	0.	DIS02	0.0013	306-1	0.
306	0.27609	DIS02	0.0021	306-1	0.27609
306	0.55218	DIS02	0.0017	306-1	0.55218
306	0.	DIS03	0.0011	306-1	0.
306	0.27609	DIS03	0.002	306-1	0.27609
306	0.55218	DIS03	0.0018	306-1	0.55218
306	0.	DIS04	0.0014	306-1	0.
306	0.27609	DIS04	0.0021	306-1	0.27609
306	0.55218	DIS04	0.0017	306-1	0.55218
306	0.	DIS05	0.0017	306-1	0.
306	0.27609	DIS05	0.0024	306-1	0.27609
306	0.55218	DIS05	0.0022	306-1	0.55218
306	0.	DIS06	0.0017	306-1	0.
306	0.27609	DIS06	0.0024	306-1	0.27609
306	0.55218	DIS06	0.0022	306-1	0.55218
306	0.	DIS07	0.0015	306-1	0.
306	0.27609	DIS07	0.0024	306-1	0.27609
306	0.55218	DIS07	0.0023	306-1	0.55218
306	0.	DIS08	0.0018	306-1	0.
306	0.27609	DIS08	0.0025	306-1	0.27609
306	0.55218	DIS08	0.0022	306-1	0.55218
306	0.	DIS09	0.0011	306-1	0.
306	0.27609	DIS09	0.0018	306-1	0.27609
306	0.55218	DIS09	0.0015	306-1	0.55218
306	0.	DIS10	0.0011	306-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
306	0.27609	DIS10	0.0018	306-1	0.27609
306	0.55218	DIS10	0.0015	306-1	0.55218
306	0.	DIS11	9.470E-04	306-1	0.
306	0.27609	DIS11	0.0017	306-1	0.27609
306	0.55218	DIS11	0.0015	306-1	0.55218
306	0.	DIS12	0.0012	306-1	0.
306	0.27609	DIS12	0.0018	306-1	0.27609
306	0.55218	DIS12	0.0014	306-1	0.55218
306	0.	DIS13	0.0011	306-1	0.
306	0.27609	DIS13	0.0018	306-1	0.27609
306	0.55218	DIS13	0.0015	306-1	0.55218
306	0.	DIS14	0.0011	306-1	0.
306	0.27609	DIS14	0.0018	306-1	0.27609
306	0.55218	DIS14	0.0015	306-1	0.55218
306	0.	DIS15	9.470E-04	306-1	0.
306	0.27609	DIS15	0.0017	306-1	0.27609
306	0.55218	DIS15	0.0015	306-1	0.55218
306	0.	DIS16	0.0012	306-1	0.
306	0.27609	DIS16	0.0018	306-1	0.27609
306	0.55218	DIS16	0.0014	306-1	0.55218
306	0.	DIS17	0.0029	306-1	0.
306	0.27609	DIS17	0.0039	306-1	0.27609
306	0.55218	DIS17	0.0039	306-1	0.55218
306	0.	DIS18	0.0029	306-1	0.
306	0.27609	DIS18	0.0039	306-1	0.27609
306	0.55218	DIS18	0.0039	306-1	0.55218
306	0.	DIS19	0.0026	306-1	0.
306	0.27609	DIS19	0.0038	306-1	0.27609
306	0.55218	DIS19	0.004	306-1	0.55218
306	0.	DIS20	0.0032	306-1	0.
306	0.27609	DIS20	0.004	306-1	0.27609
306	0.55218	DIS20	0.0038	306-1	0.55218
306	0.	DIS21	0.0011	306-1	0.
306	0.27609	DIS21	0.0018	306-1	0.27609
306	0.55218	DIS21	0.0015	306-1	0.55218
306	0.	DIS22	0.0011	306-1	0.
306	0.27609	DIS22	0.0018	306-1	0.27609
306	0.55218	DIS22	0.0015	306-1	0.55218
306	0.	DIS23	9.470E-04	306-1	0.
306	0.27609	DIS23	0.0017	306-1	0.27609
306	0.55218	DIS23	0.0015	306-1	0.55218
306	0.	DIS24	0.0012	306-1	0.
306	0.27609	DIS24	0.0018	306-1	0.27609
306	0.55218	DIS24	0.0014	306-1	0.55218
306	0.	DIS25	0.0011	306-1	0.
306	0.27609	DIS25	0.0018	306-1	0.27609
306	0.55218	DIS25	0.0015	306-1	0.55218
306	0.	DIS26	0.0011	306-1	0.
306	0.27609	DIS26	0.0018	306-1	0.27609
306	0.55218	DIS26	0.0015	306-1	0.55218
306	0.	DIS27	9.470E-04	306-1	0.
306	0.27609	DIS27	0.0017	306-1	0.27609
306	0.55218	DIS27	0.0015	306-1	0.55218
306	0.	DIS28	0.0012	306-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
306	0.27609	DIS28	0.0018	306-1	0.27609
306	0.55218	DIS28	0.0014	306-1	0.55218
306	0.	DIS29	0.0032	306-1	0.
306	0.27609	DIS29	0.0043	306-1	0.27609
306	0.55218	DIS29	0.0043	306-1	0.55218
306	0.	DIS30	0.0032	306-1	0.
306	0.27609	DIS30	0.0043	306-1	0.27609
306	0.55218	DIS30	0.0043	306-1	0.55218
306	0.	DIS31	0.0034	306-1	0.
306	0.27609	DIS31	0.0045	306-1	0.27609
306	0.55218	DIS31	0.0045	306-1	0.55218
306	0.	DIS32	0.0014	306-1	0.
306	0.27609	DIS32	0.0022	306-1	0.27609
306	0.55218	DIS32	0.0019	306-1	0.55218
306	0.	DIS33	0.0014	306-1	0.
306	0.27609	DIS33	0.0022	306-1	0.27609
306	0.55218	DIS33	0.0019	306-1	0.55218
306	0.	DIS34	0.0016	306-1	0.
306	0.27609	DIS34	0.0024	306-1	0.27609
306	0.55218	DIS34	0.0021	306-1	0.55218
306	0.	DIS35	0.0014	306-1	0.
306	0.27609	DIS35	0.0022	306-1	0.27609
306	0.55218	DIS35	0.0019	306-1	0.55218
306	0.	DIS36	0.0014	306-1	0.
306	0.27609	DIS36	0.0022	306-1	0.27609
306	0.55218	DIS36	0.0019	306-1	0.55218
306	0.	DIS37	0.0016	306-1	0.
306	0.27609	DIS37	0.0024	306-1	0.27609
306	0.55218	DIS37	0.0021	306-1	0.55218
306	0.	DIS38	0.0023	306-1	0.
306	0.27609	DIS38	0.0032	306-1	0.27609
306	0.55218	DIS38	0.0031	306-1	0.55218
306	0.	DIS39	0.0023	306-1	0.
306	0.27609	DIS39	0.0032	306-1	0.27609
306	0.55218	DIS39	0.0031	306-1	0.55218
306	0.	DIS40	0.0026	306-1	0.
306	0.27609	DIS40	0.0036	306-1	0.27609
306	0.55218	DIS40	0.0035	306-1	0.55218
306	0.	DIS41	0.0017	306-1	0.
306	0.27609	DIS41	0.0025	306-1	0.27609
306	0.55218	DIS41	0.0023	306-1	0.55218
306	0.	DIS42	0.0017	306-1	0.
306	0.27609	DIS42	0.0025	306-1	0.27609
306	0.55218	DIS42	0.0023	306-1	0.55218
306	0.	DIS43	0.002	306-1	0.
306	0.27609	DIS43	0.0029	306-1	0.27609
306	0.55218	DIS43	0.0027	306-1	0.55218
306	0.	DIS44	0.0017	306-1	0.
306	0.27609	DIS44	0.0025	306-1	0.27609
306	0.55218	DIS44	0.0023	306-1	0.55218
306	0.	DIS45	0.0017	306-1	0.
306	0.27609	DIS45	0.0025	306-1	0.27609
306	0.55218	DIS45	0.0023	306-1	0.55218
306	0.	DIS46	0.002	306-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
306	0.27609	DIS46	0.0029	306-1	0.27609
306	0.55218	DIS46	0.0027	306-1	0.55218
306	0.	DIS47	0.0011	306-1	0.
306	0.27609	DIS47	0.0018	306-1	0.27609
306	0.55218	DIS47	0.0015	306-1	0.55218
306	0.	DIS48	0.0011	306-1	0.
306	0.27609	DIS48	0.0018	306-1	0.27609
306	0.55218	DIS48	0.0015	306-1	0.55218
306	0.	DIS49	9.470E-04	306-1	0.
306	0.27609	DIS49	0.0017	306-1	0.27609
306	0.55218	DIS49	0.0015	306-1	0.55218
306	0.	DIS50	0.0012	306-1	0.
306	0.27609	DIS50	0.0018	306-1	0.27609
306	0.55218	DIS50	0.0014	306-1	0.55218
306	0.	DIS51	0.0015	306-1	0.
306	0.27609	DIS51	0.0021	306-1	0.27609
306	0.55218	DIS51	0.002	306-1	0.55218
306	0.	DIS52	0.0015	306-1	0.
306	0.27609	DIS52	0.0021	306-1	0.27609
306	0.55218	DIS52	0.002	306-1	0.55218
306	0.	DIS53	0.0018	306-1	0.
306	0.27609	DIS53	0.0025	306-1	0.27609
306	0.55218	DIS53	0.0024	306-1	0.55218
306	0.	DIS54	8.051E-04	306-1	0.
306	0.27609	DIS54	0.0013	306-1	0.27609
306	0.55218	DIS54	0.0011	306-1	0.55218
306	0.	DIS55	8.053E-04	306-1	0.
306	0.27609	DIS55	0.0013	306-1	0.27609
306	0.55218	DIS55	0.0011	306-1	0.55218
306	0.	DIS56	7.103E-04	306-1	0.
306	0.27609	DIS56	0.0013	306-1	0.27609
306	0.55218	DIS56	0.0011	306-1	0.55218
306	0.	DIS57	9.000E-04	306-1	0.
306	0.27609	DIS57	0.0014	306-1	0.27609
306	0.55218	DIS57	0.0011	306-1	0.55218
307	0.	DEAD	0.0011	307-1	0.
307	0.27609	DEAD	0.0016	307-1	0.27609
307	0.55218	DEAD	0.0012	307-1	0.55218
307	0.	L	0.	307-1	0.
307	0.27609	L	0.	307-1	0.27609
307	0.55218	L	0.	307-1	0.55218
307	0.	Lr	0.0013	307-1	0.
307	0.27609	Lr	0.0014	307-1	0.27609
307	0.55218	Lr	0.0015	307-1	0.55218
307	0.	G	0.	307-1	0.
307	0.27609	G	0.	307-1	0.27609
307	0.55218	G	0.	307-1	0.55218
307	0.	Le	0.	307-1	0.
307	0.27609	Le	0.	307-1	0.27609
307	0.55218	Le	0.	307-1	0.55218
307	0.	Wx	7.371E-04	307-1	0.
307	0.27609	Wx	7.878E-04	307-1	0.27609
307	0.55218	Wx	8.386E-04	307-1	0.55218
307	0.	Wy	7.371E-04	307-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
307	0.27609	Wy	7.878E-04	307-1	0.27609
307	0.55218	Wy	8.386E-04	307-1	0.55218
307	0.	CFx D	-9.867E-07	307-1	0.
307	0.27609	CFx D	4.956E-07	307-1	0.27609
307	0.55218	CFx D	7.762E-07	307-1	0.55218
307	0.	CFy D	7.943E-05	307-1	0.
307	0.27609	CFy D	2.980E-05	307-1	0.27609
307	0.55218	CFy D	-1.982E-05	307-1	0.55218
307	0.	CFx L	0.	307-1	0.
307	0.27609	CFx L	0.	307-1	0.27609
307	0.55218	CFx L	0.	307-1	0.55218
307	0.	CFy L	0.	307-1	0.
307	0.27609	CFy L	0.	307-1	0.27609
307	0.55218	CFy L	0.	307-1	0.55218
307	0.	CFx Lr	-6.037E-07	307-1	0.
307	0.27609	CFx Lr	2.672E-07	307-1	0.27609
307	0.55218	CFx Lr	1.138E-06	307-1	0.55218
307	0.	CFy Lr	7.824E-05	307-1	0.
307	0.27609	CFy Lr	2.364E-05	307-1	0.27609
307	0.55218	CFy Lr	-3.097E-05	307-1	0.55218
307	0.	DIS01	0.0015	307-1	0.
307	0.27609	DIS01	0.0022	307-1	0.27609
307	0.55218	DIS01	0.0017	307-1	0.55218
307	0.	DIS02	0.0015	307-1	0.
307	0.27609	DIS02	0.0022	307-1	0.27609
307	0.55218	DIS02	0.0017	307-1	0.55218
307	0.	DIS03	0.0016	307-1	0.
307	0.27609	DIS03	0.0022	307-1	0.27609
307	0.55218	DIS03	0.0017	307-1	0.55218
307	0.	DIS04	0.0014	307-1	0.
307	0.27609	DIS04	0.0021	307-1	0.27609
307	0.55218	DIS04	0.0017	307-1	0.55218
307	0.	DIS05	0.0019	307-1	0.
307	0.27609	DIS05	0.0026	307-1	0.27609
307	0.55218	DIS05	0.0022	307-1	0.55218
307	0.	DIS06	0.0019	307-1	0.
307	0.27609	DIS06	0.0026	307-1	0.27609
307	0.55218	DIS06	0.0022	307-1	0.55218
307	0.	DIS07	0.002	307-1	0.
307	0.27609	DIS07	0.0026	307-1	0.27609
307	0.55218	DIS07	0.0022	307-1	0.55218
307	0.	DIS08	0.0018	307-1	0.
307	0.27609	DIS08	0.0025	307-1	0.27609
307	0.55218	DIS08	0.0023	307-1	0.55218
307	0.	DIS09	0.0013	307-1	0.
307	0.27609	DIS09	0.0019	307-1	0.27609
307	0.55218	DIS09	0.0015	307-1	0.55218
307	0.	DIS10	0.0013	307-1	0.
307	0.27609	DIS10	0.0019	307-1	0.27609
307	0.55218	DIS10	0.0015	307-1	0.55218
307	0.	DIS11	0.0014	307-1	0.
307	0.27609	DIS11	0.0019	307-1	0.27609
307	0.55218	DIS11	0.0014	307-1	0.55218
307	0.	DIS12	0.0012	307-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
307	0.27609	DIS12	0.0018	307-1	0.27609
307	0.55218	DIS12	0.0015	307-1	0.55218
307	0.	DIS13	0.0013	307-1	0.
307	0.27609	DIS13	0.0019	307-1	0.27609
307	0.55218	DIS13	0.0015	307-1	0.55218
307	0.	DIS14	0.0013	307-1	0.
307	0.27609	DIS14	0.0019	307-1	0.27609
307	0.55218	DIS14	0.0015	307-1	0.55218
307	0.	DIS15	0.0014	307-1	0.
307	0.27609	DIS15	0.0019	307-1	0.27609
307	0.55218	DIS15	0.0014	307-1	0.55218
307	0.	DIS16	0.0012	307-1	0.
307	0.27609	DIS16	0.0018	307-1	0.27609
307	0.55218	DIS16	0.0015	307-1	0.55218
307	0.	DIS17	0.0034	307-1	0.
307	0.27609	DIS17	0.0041	307-1	0.27609
307	0.55218	DIS17	0.0039	307-1	0.55218
307	0.	DIS18	0.0034	307-1	0.
307	0.27609	DIS18	0.0041	307-1	0.27609
307	0.55218	DIS18	0.0038	307-1	0.55218
307	0.	DIS19	0.0036	307-1	0.
307	0.27609	DIS19	0.0042	307-1	0.27609
307	0.55218	DIS19	0.0038	307-1	0.55218
307	0.	DIS20	0.0031	307-1	0.
307	0.27609	DIS20	0.004	307-1	0.27609
307	0.55218	DIS20	0.0039	307-1	0.55218
307	0.	DIS21	0.0013	307-1	0.
307	0.27609	DIS21	0.0019	307-1	0.27609
307	0.55218	DIS21	0.0015	307-1	0.55218
307	0.	DIS22	0.0013	307-1	0.
307	0.27609	DIS22	0.0019	307-1	0.27609
307	0.55218	DIS22	0.0015	307-1	0.55218
307	0.	DIS23	0.0014	307-1	0.
307	0.27609	DIS23	0.0019	307-1	0.27609
307	0.55218	DIS23	0.0014	307-1	0.55218
307	0.	DIS24	0.0012	307-1	0.
307	0.27609	DIS24	0.0018	307-1	0.27609
307	0.55218	DIS24	0.0015	307-1	0.55218
307	0.	DIS25	0.0013	307-1	0.
307	0.27609	DIS25	0.0019	307-1	0.27609
307	0.55218	DIS25	0.0015	307-1	0.55218
307	0.	DIS26	0.0013	307-1	0.
307	0.27609	DIS26	0.0019	307-1	0.27609
307	0.55218	DIS26	0.0015	307-1	0.55218
307	0.	DIS27	0.0014	307-1	0.
307	0.27609	DIS27	0.0019	307-1	0.27609
307	0.55218	DIS27	0.0014	307-1	0.55218
307	0.	DIS28	0.0012	307-1	0.
307	0.27609	DIS28	0.0018	307-1	0.27609
307	0.55218	DIS28	0.0015	307-1	0.55218
307	0.	DIS29	0.0037	307-1	0.
307	0.27609	DIS29	0.0045	307-1	0.27609
307	0.55218	DIS29	0.0043	307-1	0.55218
307	0.	DIS30	0.0037	307-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
307	0.27609	DIS30	0.0045	307-1	0.27609
307	0.55218	DIS30	0.0043	307-1	0.55218
307	0.	DIS31	0.0039	307-1	0.
307	0.27609	DIS31	0.0047	307-1	0.27609
307	0.55218	DIS31	0.0045	307-1	0.55218
307	0.	DIS32	0.0016	307-1	0.
307	0.27609	DIS32	0.0023	307-1	0.27609
307	0.55218	DIS32	0.0019	307-1	0.55218
307	0.	DIS33	0.0016	307-1	0.
307	0.27609	DIS33	0.0023	307-1	0.27609
307	0.55218	DIS33	0.0019	307-1	0.55218
307	0.	DIS34	0.0018	307-1	0.
307	0.27609	DIS34	0.0025	307-1	0.27609
307	0.55218	DIS34	0.0021	307-1	0.55218
307	0.	DIS35	0.0016	307-1	0.
307	0.27609	DIS35	0.0023	307-1	0.27609
307	0.55218	DIS35	0.0019	307-1	0.55218
307	0.	DIS36	0.0016	307-1	0.
307	0.27609	DIS36	0.0023	307-1	0.27609
307	0.55218	DIS36	0.0019	307-1	0.55218
307	0.	DIS37	0.0018	307-1	0.
307	0.27609	DIS37	0.0025	307-1	0.27609
307	0.55218	DIS37	0.0021	307-1	0.55218
307	0.	DIS38	0.0027	307-1	0.
307	0.27609	DIS38	0.0034	307-1	0.27609
307	0.55218	DIS38	0.0031	307-1	0.55218
307	0.	DIS39	0.0027	307-1	0.
307	0.27609	DIS39	0.0034	307-1	0.27609
307	0.55218	DIS39	0.0031	307-1	0.55218
307	0.	DIS40	0.003	307-1	0.
307	0.27609	DIS40	0.0038	307-1	0.27609
307	0.55218	DIS40	0.0035	307-1	0.55218
307	0.	DIS41	0.002	307-1	0.
307	0.27609	DIS41	0.0027	307-1	0.27609
307	0.55218	DIS41	0.0023	307-1	0.55218
307	0.	DIS42	0.002	307-1	0.
307	0.27609	DIS42	0.0027	307-1	0.27609
307	0.55218	DIS42	0.0023	307-1	0.55218
307	0.	DIS43	0.0024	307-1	0.
307	0.27609	DIS43	0.0031	307-1	0.27609
307	0.55218	DIS43	0.0027	307-1	0.55218
307	0.	DIS44	0.002	307-1	0.
307	0.27609	DIS44	0.0027	307-1	0.27609
307	0.55218	DIS44	0.0023	307-1	0.55218
307	0.	DIS45	0.002	307-1	0.
307	0.27609	DIS45	0.0027	307-1	0.27609
307	0.55218	DIS45	0.0023	307-1	0.55218
307	0.	DIS46	0.0024	307-1	0.
307	0.27609	DIS46	0.0031	307-1	0.27609
307	0.55218	DIS46	0.0027	307-1	0.55218
307	0.	DIS47	0.0013	307-1	0.
307	0.27609	DIS47	0.0019	307-1	0.27609
307	0.55218	DIS47	0.0015	307-1	0.55218
307	0.	DIS48	0.0013	307-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
307	0.27609	DIS48	0.0019	307-1	0.27609
307	0.55218	DIS48	0.0015	307-1	0.55218
307	0.	DIS49	0.0014	307-1	0.
307	0.27609	DIS49	0.0019	307-1	0.27609
307	0.55218	DIS49	0.0014	307-1	0.55218
307	0.	DIS50	0.0012	307-1	0.
307	0.27609	DIS50	0.0018	307-1	0.27609
307	0.55218	DIS50	0.0015	307-1	0.55218
307	0.	DIS51	0.0017	307-1	0.
307	0.27609	DIS51	0.0022	307-1	0.27609
307	0.55218	DIS51	0.0019	307-1	0.55218
307	0.	DIS52	0.0017	307-1	0.
307	0.27609	DIS52	0.0022	307-1	0.27609
307	0.55218	DIS52	0.0019	307-1	0.55218
307	0.	DIS53	0.0021	307-1	0.
307	0.27609	DIS53	0.0026	307-1	0.27609
307	0.55218	DIS53	0.0024	307-1	0.55218
307	0.	DIS54	9.443E-04	307-1	0.
307	0.27609	DIS54	0.0014	307-1	0.27609
307	0.55218	DIS54	0.0011	307-1	0.55218
307	0.	DIS55	9.461E-04	307-1	0.
307	0.27609	DIS55	0.0014	307-1	0.27609
307	0.55218	DIS55	0.0011	307-1	0.55218
307	0.	DIS56	0.001	307-1	0.
307	0.27609	DIS56	0.0014	307-1	0.27609
307	0.55218	DIS56	0.0011	307-1	0.55218
307	0.	DIS57	8.737E-04	307-1	0.
307	0.27609	DIS57	0.0014	307-1	0.27609
307	0.55218	DIS57	0.0011	307-1	0.55218
308	0.	DEAD	0.0011	308-1	0.
308	0.27609	DEAD	0.0016	308-1	0.27609
308	0.55218	DEAD	0.0012	308-1	0.55218
308	0.	L	0.	308-1	0.
308	0.27609	L	0.	308-1	0.27609
308	0.55218	L	0.	308-1	0.55218
308	0.	Lr	0.0013	308-1	0.
308	0.27609	Lr	0.0014	308-1	0.27609
308	0.55218	Lr	0.0015	308-1	0.55218
308	0.	G	0.	308-1	0.
308	0.27609	G	0.	308-1	0.27609
308	0.55218	G	0.	308-1	0.55218
308	0.	Le	0.	308-1	0.
308	0.27609	Le	0.	308-1	0.27609
308	0.55218	Le	0.	308-1	0.55218
308	0.	Wx	7.371E-04	308-1	0.
308	0.27609	Wx	7.878E-04	308-1	0.27609
308	0.55218	Wx	8.386E-04	308-1	0.55218
308	0.	Wy	7.371E-04	308-1	0.
308	0.27609	Wy	7.878E-04	308-1	0.27609
308	0.55218	Wy	8.386E-04	308-1	0.55218
308	0.	CFx D	1.632E-08	308-1	0.
308	0.27609	CFx D	-8.450E-09	308-1	0.27609
308	0.55218	CFx D	1.169E-06	308-1	0.55218
308	0.	CFy D	-3.091E-05	308-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
308	0.27609	CFy D	-2.609E-05	308-1	0.27609
308	0.55218	CFy D	-2.127E-05	308-1	0.55218
308	0.	CFx L	0.	308-1	0.
308	0.27609	CFx L	0.	308-1	0.27609
308	0.55218	CFx L	0.	308-1	0.55218
308	0.	CFy L	0.	308-1	0.
308	0.27609	CFy L	0.	308-1	0.27609
308	0.55218	CFy L	0.	308-1	0.55218
308	0.	CFx Lr	-3.521E-07	308-1	0.
308	0.27609	CFx Lr	2.127E-07	308-1	0.27609
308	0.55218	CFx Lr	7.775E-07	308-1	0.55218
308	0.	CFy Lr	-4.357E-05	308-1	0.
308	0.27609	CFy Lr	-2.325E-05	308-1	0.27609
308	0.55218	CFy Lr	-2.932E-06	308-1	0.55218
308	0.	DIS01	0.0015	308-1	0.
308	0.27609	DIS01	0.0022	308-1	0.27609
308	0.55218	DIS01	0.0017	308-1	0.55218
308	0.	DIS02	0.0015	308-1	0.
308	0.27609	DIS02	0.0022	308-1	0.27609
308	0.55218	DIS02	0.0017	308-1	0.55218
308	0.	DIS03	0.0014	308-1	0.
308	0.27609	DIS03	0.0021	308-1	0.27609
308	0.55218	DIS03	0.0017	308-1	0.55218
308	0.	DIS04	0.0015	308-1	0.
308	0.27609	DIS04	0.0022	308-1	0.27609
308	0.55218	DIS04	0.0017	308-1	0.55218
308	0.	DIS05	0.0019	308-1	0.
308	0.27609	DIS05	0.0026	308-1	0.27609
308	0.55218	DIS05	0.0022	308-1	0.55218
308	0.	DIS06	0.0019	308-1	0.
308	0.27609	DIS06	0.0026	308-1	0.27609
308	0.55218	DIS06	0.0022	308-1	0.55218
308	0.	DIS07	0.0019	308-1	0.
308	0.27609	DIS07	0.0025	308-1	0.27609
308	0.55218	DIS07	0.0022	308-1	0.55218
308	0.	DIS08	0.002	308-1	0.
308	0.27609	DIS08	0.0026	308-1	0.27609
308	0.55218	DIS08	0.0022	308-1	0.55218
308	0.	DIS09	0.0013	308-1	0.
308	0.27609	DIS09	0.0019	308-1	0.27609
308	0.55218	DIS09	0.0015	308-1	0.55218
308	0.	DIS10	0.0013	308-1	0.
308	0.27609	DIS10	0.0019	308-1	0.27609
308	0.55218	DIS10	0.0015	308-1	0.55218
308	0.	DIS11	0.0012	308-1	0.
308	0.27609	DIS11	0.0018	308-1	0.27609
308	0.55218	DIS11	0.0014	308-1	0.55218
308	0.	DIS12	0.0013	308-1	0.
308	0.27609	DIS12	0.0019	308-1	0.27609
308	0.55218	DIS12	0.0015	308-1	0.55218
308	0.	DIS13	0.0013	308-1	0.
308	0.27609	DIS13	0.0019	308-1	0.27609
308	0.55218	DIS13	0.0015	308-1	0.55218
308	0.	DIS14	0.0013	308-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
308	0.27609	DIS14	0.0019	308-1	0.27609
308	0.55218	DIS14	0.0015	308-1	0.55218
308	0.	DIS15	0.0012	308-1	0.
308	0.27609	DIS15	0.0018	308-1	0.27609
308	0.55218	DIS15	0.0014	308-1	0.55218
308	0.	DIS16	0.0013	308-1	0.
308	0.27609	DIS16	0.0019	308-1	0.27609
308	0.55218	DIS16	0.0015	308-1	0.55218
308	0.	DIS17	0.0034	308-1	0.
308	0.27609	DIS17	0.0041	308-1	0.27609
308	0.55218	DIS17	0.0039	308-1	0.55218
308	0.	DIS18	0.0034	308-1	0.
308	0.27609	DIS18	0.0041	308-1	0.27609
308	0.55218	DIS18	0.0038	308-1	0.55218
308	0.	DIS19	0.0032	308-1	0.
308	0.27609	DIS19	0.004	308-1	0.27609
308	0.55218	DIS19	0.0038	308-1	0.55218
308	0.	DIS20	0.0035	308-1	0.
308	0.27609	DIS20	0.0042	308-1	0.27609
308	0.55218	DIS20	0.0039	308-1	0.55218
308	0.	DIS21	0.0013	308-1	0.
308	0.27609	DIS21	0.0019	308-1	0.27609
308	0.55218	DIS21	0.0015	308-1	0.55218
308	0.	DIS22	0.0013	308-1	0.
308	0.27609	DIS22	0.0019	308-1	0.27609
308	0.55218	DIS22	0.0015	308-1	0.55218
308	0.	DIS23	0.0012	308-1	0.
308	0.27609	DIS23	0.0018	308-1	0.27609
308	0.55218	DIS23	0.0014	308-1	0.55218
308	0.	DIS24	0.0013	308-1	0.
308	0.27609	DIS24	0.0019	308-1	0.27609
308	0.55218	DIS24	0.0015	308-1	0.55218
308	0.	DIS25	0.0013	308-1	0.
308	0.27609	DIS25	0.0019	308-1	0.27609
308	0.55218	DIS25	0.0015	308-1	0.55218
308	0.	DIS26	0.0013	308-1	0.
308	0.27609	DIS26	0.0019	308-1	0.27609
308	0.55218	DIS26	0.0015	308-1	0.55218
308	0.	DIS27	0.0012	308-1	0.
308	0.27609	DIS27	0.0018	308-1	0.27609
308	0.55218	DIS27	0.0014	308-1	0.55218
308	0.	DIS28	0.0013	308-1	0.
308	0.27609	DIS28	0.0019	308-1	0.27609
308	0.55218	DIS28	0.0015	308-1	0.55218
308	0.	DIS29	0.0037	308-1	0.
308	0.27609	DIS29	0.0045	308-1	0.27609
308	0.55218	DIS29	0.0043	308-1	0.55218
308	0.	DIS30	0.0037	308-1	0.
308	0.27609	DIS30	0.0045	308-1	0.27609
308	0.55218	DIS30	0.0043	308-1	0.55218
308	0.	DIS31	0.0039	308-1	0.
308	0.27609	DIS31	0.0047	308-1	0.27609
308	0.55218	DIS31	0.0045	308-1	0.55218
308	0.	DIS32	0.0016	308-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
308	0.27609	DIS32	0.0023	308-1	0.27609
308	0.55218	DIS32	0.0019	308-1	0.55218
308	0.	DIS33	0.0016	308-1	0.
308	0.27609	DIS33	0.0023	308-1	0.27609
308	0.55218	DIS33	0.0019	308-1	0.55218
308	0.	DIS34	0.0018	308-1	0.
308	0.27609	DIS34	0.0025	308-1	0.27609
308	0.55218	DIS34	0.0021	308-1	0.55218
308	0.	DIS35	0.0016	308-1	0.
308	0.27609	DIS35	0.0023	308-1	0.27609
308	0.55218	DIS35	0.0019	308-1	0.55218
308	0.	DIS36	0.0016	308-1	0.
308	0.27609	DIS36	0.0023	308-1	0.27609
308	0.55218	DIS36	0.0019	308-1	0.55218
308	0.	DIS37	0.0018	308-1	0.
308	0.27609	DIS37	0.0025	308-1	0.27609
308	0.55218	DIS37	0.0021	308-1	0.55218
308	0.	DIS38	0.0027	308-1	0.
308	0.27609	DIS38	0.0034	308-1	0.27609
308	0.55218	DIS38	0.0031	308-1	0.55218
308	0.	DIS39	0.0027	308-1	0.
308	0.27609	DIS39	0.0034	308-1	0.27609
308	0.55218	DIS39	0.0031	308-1	0.55218
308	0.	DIS40	0.003	308-1	0.
308	0.27609	DIS40	0.0038	308-1	0.27609
308	0.55218	DIS40	0.0035	308-1	0.55218
308	0.	DIS41	0.002	308-1	0.
308	0.27609	DIS41	0.0027	308-1	0.27609
308	0.55218	DIS41	0.0023	308-1	0.55218
308	0.	DIS42	0.002	308-1	0.
308	0.27609	DIS42	0.0027	308-1	0.27609
308	0.55218	DIS42	0.0023	308-1	0.55218
308	0.	DIS43	0.0024	308-1	0.
308	0.27609	DIS43	0.0031	308-1	0.27609
308	0.55218	DIS43	0.0027	308-1	0.55218
308	0.	DIS44	0.002	308-1	0.
308	0.27609	DIS44	0.0027	308-1	0.27609
308	0.55218	DIS44	0.0023	308-1	0.55218
308	0.	DIS45	0.002	308-1	0.
308	0.27609	DIS45	0.0027	308-1	0.27609
308	0.55218	DIS45	0.0023	308-1	0.55218
308	0.	DIS46	0.0024	308-1	0.
308	0.27609	DIS46	0.0031	308-1	0.27609
308	0.55218	DIS46	0.0027	308-1	0.55218
308	0.	DIS47	0.0013	308-1	0.
308	0.27609	DIS47	0.0019	308-1	0.27609
308	0.55218	DIS47	0.0015	308-1	0.55218
308	0.	DIS48	0.0013	308-1	0.
308	0.27609	DIS48	0.0019	308-1	0.27609
308	0.55218	DIS48	0.0015	308-1	0.55218
308	0.	DIS49	0.0012	308-1	0.
308	0.27609	DIS49	0.0018	308-1	0.27609
308	0.55218	DIS49	0.0014	308-1	0.55218
308	0.	DIS50	0.0013	308-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
308	0.27609	DIS50	0.0019	308-1	0.27609
308	0.55218	DIS50	0.0015	308-1	0.55218
308	0.	DIS51	0.0017	308-1	0.
308	0.27609	DIS51	0.0022	308-1	0.27609
308	0.55218	DIS51	0.0019	308-1	0.55218
308	0.	DIS52	0.0017	308-1	0.
308	0.27609	DIS52	0.0022	308-1	0.27609
308	0.55218	DIS52	0.0019	308-1	0.55218
308	0.	DIS53	0.0021	308-1	0.
308	0.27609	DIS53	0.0026	308-1	0.27609
308	0.55218	DIS53	0.0024	308-1	0.55218
308	0.	DIS54	9.452E-04	308-1	0.
308	0.27609	DIS54	0.0014	308-1	0.27609
308	0.55218	DIS54	0.0011	308-1	0.55218
308	0.	DIS55	9.452E-04	308-1	0.
308	0.27609	DIS55	0.0014	308-1	0.27609
308	0.55218	DIS55	0.0011	308-1	0.55218
308	0.	DIS56	9.174E-04	308-1	0.
308	0.27609	DIS56	0.0014	308-1	0.27609
308	0.55218	DIS56	0.0011	308-1	0.55218
308	0.	DIS57	9.730E-04	308-1	0.
308	0.27609	DIS57	0.0014	308-1	0.27609
308	0.55218	DIS57	0.0011	308-1	0.55218
309	0.	DEAD	8.946E-04	309-1	0.
309	0.27609	DEAD	0.0015	309-1	0.27609
309	0.55218	DEAD	0.0012	309-1	0.55218
309	0.	L	0.	309-1	0.
309	0.27609	L	0.	309-1	0.27609
309	0.55218	L	0.	309-1	0.55218
309	0.	Lr	0.0012	309-1	0.
309	0.27609	Lr	0.0013	309-1	0.27609
309	0.55218	Lr	0.0015	309-1	0.55218
309	0.	G	0.	309-1	0.
309	0.27609	G	0.	309-1	0.27609
309	0.55218	G	0.	309-1	0.55218
309	0.	Le	0.	309-1	0.
309	0.27609	Le	0.	309-1	0.27609
309	0.55218	Le	0.	309-1	0.55218
309	0.	Wx	6.501E-04	309-1	0.
309	0.27609	Wx	7.471E-04	309-1	0.27609
309	0.55218	Wx	8.441E-04	309-1	0.55218
309	0.	Wy	6.501E-04	309-1	0.
309	0.27609	Wy	7.471E-04	309-1	0.27609
309	0.55218	Wy	8.441E-04	309-1	0.55218
309	0.	CFx D	-8.676E-07	309-1	0.
309	0.27609	CFx D	4.334E-07	309-1	0.27609
309	0.55218	CFx D	5.328E-07	309-1	0.55218
309	0.	CFy D	-1.109E-04	309-1	0.
309	0.27609	CFy D	8.286E-05	309-1	0.27609
309	0.55218	CFy D	2.766E-04	309-1	0.55218
309	0.	CFx L	0.	309-1	0.
309	0.27609	CFx L	0.	309-1	0.27609
309	0.55218	CFx L	0.	309-1	0.55218
309	0.	CFy L	0.	309-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
309	0.27609	CFy L	0.	309-1	0.27609
309	0.55218	CFy L	0.	309-1	0.55218
309	0.	CFx Lr	-4.864E-07	309-1	0.
309	0.27609	CFx Lr	2.060E-07	309-1	0.27609
309	0.55218	CFx Lr	8.985E-07	309-1	0.55218
309	0.	CFy Lr	-9.778E-05	309-1	0.
309	0.27609	CFy Lr	7.962E-05	309-1	0.27609
309	0.55218	CFy Lr	2.570E-04	309-1	0.55218
309	0.	DIS01	0.0013	309-1	0.
309	0.27609	DIS01	0.0021	309-1	0.27609
309	0.55218	DIS01	0.0017	309-1	0.55218
309	0.	DIS02	0.0013	309-1	0.
309	0.27609	DIS02	0.0021	309-1	0.27609
309	0.55218	DIS02	0.0017	309-1	0.55218
309	0.	DIS03	0.0011	309-1	0.
309	0.27609	DIS03	0.0022	309-1	0.27609
309	0.55218	DIS03	0.0021	309-1	0.55218
309	0.	DIS04	0.0014	309-1	0.
309	0.27609	DIS04	0.002	309-1	0.27609
309	0.55218	DIS04	0.0013	309-1	0.55218
309	0.	DIS05	0.0016	309-1	0.
309	0.27609	DIS05	0.0024	309-1	0.27609
309	0.55218	DIS05	0.0022	309-1	0.55218
309	0.	DIS06	0.0017	309-1	0.
309	0.27609	DIS06	0.0024	309-1	0.27609
309	0.55218	DIS06	0.0022	309-1	0.55218
309	0.	DIS07	0.0015	309-1	0.
309	0.27609	DIS07	0.0026	309-1	0.27609
309	0.55218	DIS07	0.0027	309-1	0.55218
309	0.	DIS08	0.0018	309-1	0.
309	0.27609	DIS08	0.0023	309-1	0.27609
309	0.55218	DIS08	0.0018	309-1	0.55218
309	0.	DIS09	0.0011	309-1	0.
309	0.27609	DIS09	0.0018	309-1	0.27609
309	0.55218	DIS09	0.0015	309-1	0.55218
309	0.	DIS10	0.0011	309-1	0.
309	0.27609	DIS10	0.0018	309-1	0.27609
309	0.55218	DIS10	0.0015	309-1	0.55218
309	0.	DIS11	9.405E-04	309-1	0.
309	0.27609	DIS11	0.0019	309-1	0.27609
309	0.55218	DIS11	0.0018	309-1	0.55218
309	0.	DIS12	0.0012	309-1	0.
309	0.27609	DIS12	0.0017	309-1	0.27609
309	0.55218	DIS12	0.0011	309-1	0.55218
309	0.	DIS13	0.0011	309-1	0.
309	0.27609	DIS13	0.0018	309-1	0.27609
309	0.55218	DIS13	0.0015	309-1	0.55218
309	0.	DIS14	0.0011	309-1	0.
309	0.27609	DIS14	0.0018	309-1	0.27609
309	0.55218	DIS14	0.0015	309-1	0.55218
309	0.	DIS15	9.405E-04	309-1	0.
309	0.27609	DIS15	0.0019	309-1	0.27609
309	0.55218	DIS15	0.0018	309-1	0.55218
309	0.	DIS16	0.0012	309-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
309	0.27609	DIS16	0.0017	309-1	0.27609
309	0.55218	DIS16	0.0011	309-1	0.55218
309	0.	DIS17	0.0029	309-1	0.
309	0.27609	DIS17	0.0039	309-1	0.27609
309	0.55218	DIS17	0.0039	309-1	0.55218
309	0.	DIS18	0.0029	309-1	0.
309	0.27609	DIS18	0.0039	309-1	0.27609
309	0.55218	DIS18	0.0039	309-1	0.55218
309	0.	DIS19	0.0026	309-1	0.
309	0.27609	DIS19	0.0041	309-1	0.27609
309	0.55218	DIS19	0.0046	309-1	0.55218
309	0.	DIS20	0.0032	309-1	0.
309	0.27609	DIS20	0.0037	309-1	0.27609
309	0.55218	DIS20	0.0031	309-1	0.55218
309	0.	DIS21	0.0011	309-1	0.
309	0.27609	DIS21	0.0018	309-1	0.27609
309	0.55218	DIS21	0.0015	309-1	0.55218
309	0.	DIS22	0.0011	309-1	0.
309	0.27609	DIS22	0.0018	309-1	0.27609
309	0.55218	DIS22	0.0015	309-1	0.55218
309	0.	DIS23	9.405E-04	309-1	0.
309	0.27609	DIS23	0.0019	309-1	0.27609
309	0.55218	DIS23	0.0018	309-1	0.55218
309	0.	DIS24	0.0012	309-1	0.
309	0.27609	DIS24	0.0017	309-1	0.27609
309	0.55218	DIS24	0.0011	309-1	0.55218
309	0.	DIS25	0.0011	309-1	0.
309	0.27609	DIS25	0.0018	309-1	0.27609
309	0.55218	DIS25	0.0015	309-1	0.55218
309	0.	DIS26	0.0011	309-1	0.
309	0.27609	DIS26	0.0018	309-1	0.27609
309	0.55218	DIS26	0.0015	309-1	0.55218
309	0.	DIS27	9.405E-04	309-1	0.
309	0.27609	DIS27	0.0019	309-1	0.27609
309	0.55218	DIS27	0.0018	309-1	0.55218
309	0.	DIS28	0.0012	309-1	0.
309	0.27609	DIS28	0.0017	309-1	0.27609
309	0.55218	DIS28	0.0011	309-1	0.55218
309	0.	DIS29	0.0032	309-1	0.
309	0.27609	DIS29	0.0043	309-1	0.27609
309	0.55218	DIS29	0.0043	309-1	0.55218
309	0.	DIS30	0.0032	309-1	0.
309	0.27609	DIS30	0.0043	309-1	0.27609
309	0.55218	DIS30	0.0043	309-1	0.55218
309	0.	DIS31	0.0034	309-1	0.
309	0.27609	DIS31	0.0045	309-1	0.27609
309	0.55218	DIS31	0.0045	309-1	0.55218
309	0.	DIS32	0.0014	309-1	0.
309	0.27609	DIS32	0.0022	309-1	0.27609
309	0.55218	DIS32	0.0019	309-1	0.55218
309	0.	DIS33	0.0014	309-1	0.
309	0.27609	DIS33	0.0022	309-1	0.27609
309	0.55218	DIS33	0.0019	309-1	0.55218
309	0.	DIS34	0.0016	309-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
309	0.27609	DIS34	0.0024	309-1	0.27609
309	0.55218	DIS34	0.0021	309-1	0.55218
309	0.	DIS35	0.0014	309-1	0.
309	0.27609	DIS35	0.0022	309-1	0.27609
309	0.55218	DIS35	0.0019	309-1	0.55218
309	0.	DIS36	0.0014	309-1	0.
309	0.27609	DIS36	0.0022	309-1	0.27609
309	0.55218	DIS36	0.0019	309-1	0.55218
309	0.	DIS37	0.0016	309-1	0.
309	0.27609	DIS37	0.0024	309-1	0.27609
309	0.55218	DIS37	0.0021	309-1	0.55218
309	0.	DIS38	0.0023	309-1	0.
309	0.27609	DIS38	0.0032	309-1	0.27609
309	0.55218	DIS38	0.0031	309-1	0.55218
309	0.	DIS39	0.0023	309-1	0.
309	0.27609	DIS39	0.0032	309-1	0.27609
309	0.55218	DIS39	0.0031	309-1	0.55218
309	0.	DIS40	0.0026	309-1	0.
309	0.27609	DIS40	0.0036	309-1	0.27609
309	0.55218	DIS40	0.0035	309-1	0.55218
309	0.	DIS41	0.0017	309-1	0.
309	0.27609	DIS41	0.0025	309-1	0.27609
309	0.55218	DIS41	0.0023	309-1	0.55218
309	0.	DIS42	0.0017	309-1	0.
309	0.27609	DIS42	0.0025	309-1	0.27609
309	0.55218	DIS42	0.0023	309-1	0.55218
309	0.	DIS43	0.002	309-1	0.
309	0.27609	DIS43	0.0029	309-1	0.27609
309	0.55218	DIS43	0.0027	309-1	0.55218
309	0.	DIS44	0.0017	309-1	0.
309	0.27609	DIS44	0.0025	309-1	0.27609
309	0.55218	DIS44	0.0023	309-1	0.55218
309	0.	DIS45	0.0017	309-1	0.
309	0.27609	DIS45	0.0025	309-1	0.27609
309	0.55218	DIS45	0.0023	309-1	0.55218
309	0.	DIS46	0.002	309-1	0.
309	0.27609	DIS46	0.0029	309-1	0.27609
309	0.55218	DIS46	0.0027	309-1	0.55218
309	0.	DIS47	0.0011	309-1	0.
309	0.27609	DIS47	0.0018	309-1	0.27609
309	0.55218	DIS47	0.0015	309-1	0.55218
309	0.	DIS48	0.0011	309-1	0.
309	0.27609	DIS48	0.0018	309-1	0.27609
309	0.55218	DIS48	0.0015	309-1	0.55218
309	0.	DIS49	9.405E-04	309-1	0.
309	0.27609	DIS49	0.0019	309-1	0.27609
309	0.55218	DIS49	0.0018	309-1	0.55218
309	0.	DIS50	0.0012	309-1	0.
309	0.27609	DIS50	0.0017	309-1	0.27609
309	0.55218	DIS50	0.0011	309-1	0.55218
309	0.	DIS51	0.0015	309-1	0.
309	0.27609	DIS51	0.0021	309-1	0.27609
309	0.55218	DIS51	0.002	309-1	0.55218
309	0.	DIS52	0.0015	309-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
309	0.27609	DIS52	0.0021	309-1	0.27609
309	0.55218	DIS52	0.002	309-1	0.55218
309	0.	DIS53	0.0018	309-1	0.
309	0.27609	DIS53	0.0025	309-1	0.27609
309	0.55218	DIS53	0.0024	309-1	0.55218
309	0.	DIS54	8.044E-04	309-1	0.
309	0.27609	DIS54	0.0013	309-1	0.27609
309	0.55218	DIS54	0.0011	309-1	0.55218
309	0.	DIS55	8.059E-04	309-1	0.
309	0.27609	DIS55	0.0013	309-1	0.27609
309	0.55218	DIS55	0.0011	309-1	0.55218
309	0.	DIS56	7.054E-04	309-1	0.
309	0.27609	DIS56	0.0014	309-1	0.27609
309	0.55218	DIS56	0.0014	309-1	0.55218
309	0.	DIS57	9.049E-04	309-1	0.
309	0.27609	DIS57	0.0013	309-1	0.27609
309	0.55218	DIS57	8.618E-04	309-1	0.55218
30A	0.	DEAD	9.618E-04	30A-1	0.
30A	0.27609	DEAD	0.0014	30A-1	0.27609
30A	0.55218	DEAD	0.0011	30A-1	0.55218
30A	0.	L	0.	30A-1	0.
30A	0.27609	L	0.	30A-1	0.27609
30A	0.55218	L	0.	30A-1	0.55218
30A	0.	Lr	0.0012	30A-1	0.
30A	0.27609	Lr	0.0013	30A-1	0.27609
30A	0.55218	Lr	0.0014	30A-1	0.55218
30A	0.	G	0.	30A-1	0.
30A	0.27609	G	0.	30A-1	0.27609
30A	0.55218	G	0.	30A-1	0.55218
30A	0.	Le	0.	30A-1	0.
30A	0.27609	Le	0.	30A-1	0.27609
30A	0.55218	Le	0.	30A-1	0.55218
30A	0.	Wx	6.848E-04	30A-1	0.
30A	0.27609	Wx	7.231E-04	30A-1	0.27609
30A	0.55218	Wx	7.614E-04	30A-1	0.55218
30A	0.	Wy	6.848E-04	30A-1	0.
30A	0.27609	Wy	7.231E-04	30A-1	0.27609
30A	0.55218	Wy	7.614E-04	30A-1	0.55218
30A	0.	CFx D	1.400E-07	30A-1	0.
30A	0.27609	CFx D	-6.796E-08	30A-1	0.27609
30A	0.55218	CFx D	9.258E-07	30A-1	0.55218
30A	0.	CFy D	9.834E-05	30A-1	0.
30A	0.27609	CFy D	-9.297E-05	30A-1	0.27609
30A	0.55218	CFy D	-2.843E-04	30A-1	0.55218
30A	0.	CFx L	0.	30A-1	0.
30A	0.27609	CFx L	0.	30A-1	0.27609
30A	0.55218	CFx L	0.	30A-1	0.55218
30A	0.	CFy L	0.	30A-1	0.
30A	0.27609	CFy L	0.	30A-1	0.27609
30A	0.55218	CFy L	0.	30A-1	0.55218
30A	0.	CFx Lr	-2.302E-07	30A-1	0.
30A	0.27609	CFx Lr	1.539E-07	30A-1	0.27609
30A	0.55218	CFx Lr	5.380E-07	30A-1	0.55218
30A	0.	CFy Lr	9.420E-05	30A-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30A	0.27609	CFy Lr	-8.759E-05	30A-1	0.27609
30A	0.55218	CFy Lr	-2.694E-04	30A-1	0.55218
30A	0.	DIS01	0.0013	30A-1	0.
30A	0.27609	DIS01	0.002	30A-1	0.27609
30A	0.55218	DIS01	0.0015	30A-1	0.55218
30A	0.	DIS02	0.0013	30A-1	0.
30A	0.27609	DIS02	0.002	30A-1	0.27609
30A	0.55218	DIS02	0.0015	30A-1	0.55218
30A	0.	DIS03	0.0015	30A-1	0.
30A	0.27609	DIS03	0.0019	30A-1	0.27609
30A	0.55218	DIS03	0.0011	30A-1	0.55218
30A	0.	DIS04	0.0012	30A-1	0.
30A	0.27609	DIS04	0.0022	30A-1	0.27609
30A	0.55218	DIS04	0.0019	30A-1	0.55218
30A	0.	DIS05	0.0018	30A-1	0.
30A	0.27609	DIS05	0.0024	30A-1	0.27609
30A	0.55218	DIS05	0.002	30A-1	0.55218
30A	0.	DIS06	0.0018	30A-1	0.
30A	0.27609	DIS06	0.0024	30A-1	0.27609
30A	0.55218	DIS06	0.002	30A-1	0.55218
30A	0.	DIS07	0.0019	30A-1	0.
30A	0.27609	DIS07	0.0022	30A-1	0.27609
30A	0.55218	DIS07	0.0015	30A-1	0.55218
30A	0.	DIS08	0.0016	30A-1	0.
30A	0.27609	DIS08	0.0025	30A-1	0.27609
30A	0.55218	DIS08	0.0024	30A-1	0.55218
30A	0.	DIS09	0.0012	30A-1	0.
30A	0.27609	DIS09	0.0017	30A-1	0.27609
30A	0.55218	DIS09	0.0013	30A-1	0.55218
30A	0.	DIS10	0.0012	30A-1	0.
30A	0.27609	DIS10	0.0017	30A-1	0.27609
30A	0.55218	DIS10	0.0013	30A-1	0.55218
30A	0.	DIS11	0.0013	30A-1	0.
30A	0.27609	DIS11	0.0016	30A-1	0.27609
30A	0.55218	DIS11	9.543E-04	30A-1	0.55218
30A	0.	DIS12	0.001	30A-1	0.
30A	0.27609	DIS12	0.0018	30A-1	0.27609
30A	0.55218	DIS12	0.0016	30A-1	0.55218
30A	0.	DIS13	0.0012	30A-1	0.
30A	0.27609	DIS13	0.0017	30A-1	0.27609
30A	0.55218	DIS13	0.0013	30A-1	0.55218
30A	0.	DIS14	0.0012	30A-1	0.
30A	0.27609	DIS14	0.0017	30A-1	0.27609
30A	0.55218	DIS14	0.0013	30A-1	0.55218
30A	0.	DIS15	0.0013	30A-1	0.
30A	0.27609	DIS15	0.0016	30A-1	0.27609
30A	0.55218	DIS15	9.543E-04	30A-1	0.55218
30A	0.	DIS16	0.001	30A-1	0.
30A	0.27609	DIS16	0.0018	30A-1	0.27609
30A	0.55218	DIS16	0.0016	30A-1	0.55218
30A	0.	DIS17	0.0031	30A-1	0.
30A	0.27609	DIS17	0.0038	30A-1	0.27609
30A	0.55218	DIS17	0.0035	30A-1	0.55218
30A	0.	DIS18	0.0031	30A-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30A	0.27609	DIS18	0.0038	30A-1	0.27609
30A	0.55218	DIS18	0.0035	30A-1	0.55218
30A	0.	DIS19	0.0034	30A-1	0.
30A	0.27609	DIS19	0.0035	30A-1	0.27609
30A	0.55218	DIS19	0.0027	30A-1	0.55218
30A	0.	DIS20	0.0028	30A-1	0.
30A	0.27609	DIS20	0.004	30A-1	0.27609
30A	0.55218	DIS20	0.0042	30A-1	0.55218
30A	0.	DIS21	0.0012	30A-1	0.
30A	0.27609	DIS21	0.0017	30A-1	0.27609
30A	0.55218	DIS21	0.0013	30A-1	0.55218
30A	0.	DIS22	0.0012	30A-1	0.
30A	0.27609	DIS22	0.0017	30A-1	0.27609
30A	0.55218	DIS22	0.0013	30A-1	0.55218
30A	0.	DIS23	0.0013	30A-1	0.
30A	0.27609	DIS23	0.0016	30A-1	0.27609
30A	0.55218	DIS23	9.543E-04	30A-1	0.55218
30A	0.	DIS24	0.001	30A-1	0.
30A	0.27609	DIS24	0.0018	30A-1	0.27609
30A	0.55218	DIS24	0.0016	30A-1	0.55218
30A	0.	DIS25	0.0012	30A-1	0.
30A	0.27609	DIS25	0.0017	30A-1	0.27609
30A	0.55218	DIS25	0.0013	30A-1	0.55218
30A	0.	DIS26	0.0012	30A-1	0.
30A	0.27609	DIS26	0.0017	30A-1	0.27609
30A	0.55218	DIS26	0.0013	30A-1	0.55218
30A	0.	DIS27	0.0013	30A-1	0.
30A	0.27609	DIS27	0.0016	30A-1	0.27609
30A	0.55218	DIS27	9.543E-04	30A-1	0.55218
30A	0.	DIS28	0.001	30A-1	0.
30A	0.27609	DIS28	0.0018	30A-1	0.27609
30A	0.55218	DIS28	0.0016	30A-1	0.55218
30A	0.	DIS29	0.0034	30A-1	0.
30A	0.27609	DIS29	0.0041	30A-1	0.27609
30A	0.55218	DIS29	0.0038	30A-1	0.55218
30A	0.	DIS30	0.0034	30A-1	0.
30A	0.27609	DIS30	0.0041	30A-1	0.27609
30A	0.55218	DIS30	0.0038	30A-1	0.55218
30A	0.	DIS31	0.0036	30A-1	0.
30A	0.27609	DIS31	0.0043	30A-1	0.27609
30A	0.55218	DIS31	0.004	30A-1	0.55218
30A	0.	DIS32	0.0015	30A-1	0.
30A	0.27609	DIS32	0.0021	30A-1	0.27609
30A	0.55218	DIS32	0.0017	30A-1	0.55218
30A	0.	DIS33	0.0015	30A-1	0.
30A	0.27609	DIS33	0.0021	30A-1	0.27609
30A	0.55218	DIS33	0.0017	30A-1	0.55218
30A	0.	DIS34	0.0017	30A-1	0.
30A	0.27609	DIS34	0.0023	30A-1	0.27609
30A	0.55218	DIS34	0.0019	30A-1	0.55218
30A	0.	DIS35	0.0015	30A-1	0.
30A	0.27609	DIS35	0.0021	30A-1	0.27609
30A	0.55218	DIS35	0.0017	30A-1	0.55218
30A	0.	DIS36	0.0015	30A-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30A	0.27609	DIS36	0.0021	30A-1	0.27609
30A	0.55218	DIS36	0.0017	30A-1	0.55218
30A	0.	DIS37	0.0017	30A-1	0.
30A	0.27609	DIS37	0.0023	30A-1	0.27609
30A	0.55218	DIS37	0.0019	30A-1	0.55218
30A	0.	DIS38	0.0024	30A-1	0.
30A	0.27609	DIS38	0.0031	30A-1	0.27609
30A	0.55218	DIS38	0.0027	30A-1	0.55218
30A	0.	DIS39	0.0024	30A-1	0.
30A	0.27609	DIS39	0.0031	30A-1	0.27609
30A	0.55218	DIS39	0.0027	30A-1	0.55218
30A	0.	DIS40	0.0028	30A-1	0.
30A	0.27609	DIS40	0.0035	30A-1	0.27609
30A	0.55218	DIS40	0.0031	30A-1	0.55218
30A	0.	DIS41	0.0018	30A-1	0.
30A	0.27609	DIS41	0.0025	30A-1	0.27609
30A	0.55218	DIS41	0.0021	30A-1	0.55218
30A	0.	DIS42	0.0018	30A-1	0.
30A	0.27609	DIS42	0.0025	30A-1	0.27609
30A	0.55218	DIS42	0.0021	30A-1	0.55218
30A	0.	DIS43	0.0022	30A-1	0.
30A	0.27609	DIS43	0.0028	30A-1	0.27609
30A	0.55218	DIS43	0.0024	30A-1	0.55218
30A	0.	DIS44	0.0018	30A-1	0.
30A	0.27609	DIS44	0.0025	30A-1	0.27609
30A	0.55218	DIS44	0.0021	30A-1	0.55218
30A	0.	DIS45	0.0018	30A-1	0.
30A	0.27609	DIS45	0.0025	30A-1	0.27609
30A	0.55218	DIS45	0.0021	30A-1	0.55218
30A	0.	DIS46	0.0022	30A-1	0.
30A	0.27609	DIS46	0.0028	30A-1	0.27609
30A	0.55218	DIS46	0.0024	30A-1	0.55218
30A	0.	DIS47	0.0012	30A-1	0.
30A	0.27609	DIS47	0.0017	30A-1	0.27609
30A	0.55218	DIS47	0.0013	30A-1	0.55218
30A	0.	DIS48	0.0012	30A-1	0.
30A	0.27609	DIS48	0.0017	30A-1	0.27609
30A	0.55218	DIS48	0.0013	30A-1	0.55218
30A	0.	DIS49	0.0013	30A-1	0.
30A	0.27609	DIS49	0.0016	30A-1	0.27609
30A	0.55218	DIS49	9.543E-04	30A-1	0.55218
30A	0.	DIS50	0.001	30A-1	0.
30A	0.27609	DIS50	0.0018	30A-1	0.27609
30A	0.55218	DIS50	0.0016	30A-1	0.55218
30A	0.	DIS51	0.0016	30A-1	0.
30A	0.27609	DIS51	0.002	30A-1	0.27609
30A	0.55218	DIS51	0.0017	30A-1	0.55218
30A	0.	DIS52	0.0016	30A-1	0.
30A	0.27609	DIS52	0.002	30A-1	0.27609
30A	0.55218	DIS52	0.0017	30A-1	0.55218
30A	0.	DIS53	0.0019	30A-1	0.
30A	0.27609	DIS53	0.0024	30A-1	0.27609
30A	0.55218	DIS53	0.0021	30A-1	0.55218
30A	0.	DIS54	8.657E-04	30A-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30A	0.27609	DIS54	0.0013	30A-1	0.27609
30A	0.55218	DIS54	9.724E-04	30A-1	0.55218
30A	0.	DIS55	8.655E-04	30A-1	0.
30A	0.27609	DIS55	0.0013	30A-1	0.27609
30A	0.55218	DIS55	9.708E-04	30A-1	0.55218
30A	0.	DIS56	9.541E-04	30A-1	0.
30A	0.27609	DIS56	0.0012	30A-1	0.27609
30A	0.55218	DIS56	7.157E-04	30A-1	0.55218
30A	0.	DIS57	7.771E-04	30A-1	0.
30A	0.27609	DIS57	0.0014	30A-1	0.27609
30A	0.55218	DIS57	0.0012	30A-1	0.55218
30B	0.	DEAD	3.202E-04	30B-1	0.
30B	0.27609	DEAD	0.0014	30B-1	0.27609
30B	0.55218	DEAD	0.0017	30B-1	0.55218
30B	0.	L	0.	30B-1	0.
30B	0.27609	L	0.	30B-1	0.27609
30B	0.55218	L	0.	30B-1	0.55218
30B	0.	Lr	5.858E-04	30B-1	0.
30B	0.27609	Lr	0.0013	30B-1	0.27609
30B	0.55218	Lr	0.0019	30B-1	0.55218
30B	0.	G	0.	30B-1	0.
30B	0.27609	G	0.	30B-1	0.27609
30B	0.55218	G	0.	30B-1	0.55218
30B	0.	Le	0.	30B-1	0.
30B	0.27609	Le	0.	30B-1	0.27609
30B	0.55218	Le	0.	30B-1	0.55218
30B	0.	Wx	3.300E-04	30B-1	0.
30B	0.27609	Wx	7.138E-04	30B-1	0.27609
30B	0.55218	Wx	0.0011	30B-1	0.55218
30B	0.	Wy	3.300E-04	30B-1	0.
30B	0.27609	Wy	7.138E-04	30B-1	0.27609
30B	0.55218	Wy	0.0011	30B-1	0.55218
30B	0.	CFx D	-7.477E-07	30B-1	0.
30B	0.27609	CFx D	3.711E-07	30B-1	0.27609
30B	0.55218	CFx D	2.882E-07	30B-1	0.55218
30B	0.	CFy D	1.635E-04	30B-1	0.
30B	0.27609	CFy D	-4.831E-05	30B-1	0.27609
30B	0.55218	CFy D	-2.601E-04	30B-1	0.55218
30B	0.	CFx L	0.	30B-1	0.
30B	0.27609	CFx L	0.	30B-1	0.27609
30B	0.55218	CFx L	0.	30B-1	0.55218
30B	0.	CFy L	0.	30B-1	0.
30B	0.27609	CFy L	0.	30B-1	0.27609
30B	0.55218	CFy L	0.	30B-1	0.55218
30B	0.	CFx Lr	-3.672E-07	30B-1	0.
30B	0.27609	CFx Lr	1.444E-07	30B-1	0.27609
30B	0.55218	CFx Lr	6.559E-07	30B-1	0.55218
30B	0.	CFy Lr	1.591E-04	30B-1	0.
30B	0.27609	CFy Lr	-4.920E-05	30B-1	0.27609
30B	0.55218	CFy Lr	-2.575E-04	30B-1	0.55218
30B	0.	DIS01	4.472E-04	30B-1	0.
30B	0.27609	DIS01	0.002	30B-1	0.27609
30B	0.55218	DIS01	0.0024	30B-1	0.55218
30B	0.	DIS02	4.493E-04	30B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30B	0.27609	DIS02	0.002	30B-1	0.27609
30B	0.55218	DIS02	0.0024	30B-1	0.55218
30B	0.	DIS03	6.771E-04	30B-1	0.
30B	0.27609	DIS03	0.0019	30B-1	0.27609
30B	0.55218	DIS03	0.002	30B-1	0.55218
30B	0.	DIS04	2.193E-04	30B-1	0.
30B	0.27609	DIS04	0.0021	30B-1	0.27609
30B	0.55218	DIS04	0.0027	30B-1	0.55218
30B	0.	DIS05	6.760E-04	30B-1	0.
30B	0.27609	DIS05	0.0023	30B-1	0.27609
30B	0.55218	DIS05	0.003	30B-1	0.55218
30B	0.	DIS06	6.782E-04	30B-1	0.
30B	0.27609	DIS06	0.0023	30B-1	0.27609
30B	0.55218	DIS06	0.003	30B-1	0.55218
30B	0.	DIS07	9.528E-04	30B-1	0.
30B	0.27609	DIS07	0.0023	30B-1	0.27609
30B	0.55218	DIS07	0.0025	30B-1	0.55218
30B	0.	DIS08	4.014E-04	30B-1	0.
30B	0.27609	DIS08	0.0024	30B-1	0.27609
30B	0.55218	DIS08	0.0034	30B-1	0.55218
30B	0.	DIS09	3.833E-04	30B-1	0.
30B	0.27609	DIS09	0.0017	30B-1	0.27609
30B	0.55218	DIS09	0.002	30B-1	0.55218
30B	0.	DIS10	3.851E-04	30B-1	0.
30B	0.27609	DIS10	0.0017	30B-1	0.27609
30B	0.55218	DIS10	0.002	30B-1	0.55218
30B	0.	DIS11	5.804E-04	30B-1	0.
30B	0.27609	DIS11	0.0016	30B-1	0.27609
30B	0.55218	DIS11	0.0017	30B-1	0.55218
30B	0.	DIS12	1.880E-04	30B-1	0.
30B	0.27609	DIS12	0.0018	30B-1	0.27609
30B	0.55218	DIS12	0.0023	30B-1	0.55218
30B	0.	DIS13	3.833E-04	30B-1	0.
30B	0.27609	DIS13	0.0017	30B-1	0.27609
30B	0.55218	DIS13	0.002	30B-1	0.55218
30B	0.	DIS14	3.851E-04	30B-1	0.
30B	0.27609	DIS14	0.0017	30B-1	0.27609
30B	0.55218	DIS14	0.002	30B-1	0.55218
30B	0.	DIS15	5.804E-04	30B-1	0.
30B	0.27609	DIS15	0.0016	30B-1	0.27609
30B	0.55218	DIS15	0.0017	30B-1	0.55218
30B	0.	DIS16	1.880E-04	30B-1	0.
30B	0.27609	DIS16	0.0018	30B-1	0.27609
30B	0.55218	DIS16	0.0023	30B-1	0.55218
30B	0.	DIS17	0.0013	30B-1	0.
30B	0.27609	DIS17	0.0037	30B-1	0.27609
30B	0.55218	DIS17	0.0051	30B-1	0.55218
30B	0.	DIS18	0.0013	30B-1	0.
30B	0.27609	DIS18	0.0037	30B-1	0.27609
30B	0.55218	DIS18	0.0051	30B-1	0.55218
30B	0.	DIS19	0.0018	30B-1	0.
30B	0.27609	DIS19	0.0036	30B-1	0.27609
30B	0.55218	DIS19	0.0044	30B-1	0.55218
30B	0.	DIS20	8.707E-04	30B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30B	0.27609	DIS20	0.0039	30B-1	0.27609
30B	0.55218	DIS20	0.0059	30B-1	0.55218
30B	0.	DIS21	3.833E-04	30B-1	0.
30B	0.27609	DIS21	0.0017	30B-1	0.27609
30B	0.55218	DIS21	0.002	30B-1	0.55218
30B	0.	DIS22	3.851E-04	30B-1	0.
30B	0.27609	DIS22	0.0017	30B-1	0.27609
30B	0.55218	DIS22	0.002	30B-1	0.55218
30B	0.	DIS23	5.804E-04	30B-1	0.
30B	0.27609	DIS23	0.0016	30B-1	0.27609
30B	0.55218	DIS23	0.0017	30B-1	0.55218
30B	0.	DIS24	1.880E-04	30B-1	0.
30B	0.27609	DIS24	0.0018	30B-1	0.27609
30B	0.55218	DIS24	0.0023	30B-1	0.55218
30B	0.	DIS25	3.833E-04	30B-1	0.
30B	0.27609	DIS25	0.0017	30B-1	0.27609
30B	0.55218	DIS25	0.002	30B-1	0.55218
30B	0.	DIS26	3.851E-04	30B-1	0.
30B	0.27609	DIS26	0.0017	30B-1	0.27609
30B	0.55218	DIS26	0.002	30B-1	0.55218
30B	0.	DIS27	5.804E-04	30B-1	0.
30B	0.27609	DIS27	0.0016	30B-1	0.27609
30B	0.55218	DIS27	0.0017	30B-1	0.55218
30B	0.	DIS28	1.880E-04	30B-1	0.
30B	0.27609	DIS28	0.0018	30B-1	0.27609
30B	0.55218	DIS28	0.0023	30B-1	0.55218
30B	0.	DIS29	0.0015	30B-1	0.
30B	0.27609	DIS29	0.0041	30B-1	0.27609
30B	0.55218	DIS29	0.0057	30B-1	0.55218
30B	0.	DIS30	0.0015	30B-1	0.
30B	0.27609	DIS30	0.0041	30B-1	0.27609
30B	0.55218	DIS30	0.0057	30B-1	0.55218
30B	0.	DIS31	0.0016	30B-1	0.
30B	0.27609	DIS31	0.0043	30B-1	0.27609
30B	0.55218	DIS31	0.006	30B-1	0.55218
30B	0.	DIS32	5.492E-04	30B-1	0.
30B	0.27609	DIS32	0.0021	30B-1	0.27609
30B	0.55218	DIS32	0.0026	30B-1	0.55218
30B	0.	DIS33	5.492E-04	30B-1	0.
30B	0.27609	DIS33	0.0021	30B-1	0.27609
30B	0.55218	DIS33	0.0026	30B-1	0.55218
30B	0.	DIS34	6.350E-04	30B-1	0.
30B	0.27609	DIS34	0.0022	30B-1	0.27609
30B	0.55218	DIS34	0.0028	30B-1	0.55218
30B	0.	DIS35	5.492E-04	30B-1	0.
30B	0.27609	DIS35	0.0021	30B-1	0.27609
30B	0.55218	DIS35	0.0026	30B-1	0.55218
30B	0.	DIS36	5.492E-04	30B-1	0.
30B	0.27609	DIS36	0.0021	30B-1	0.27609
30B	0.55218	DIS36	0.0026	30B-1	0.55218
30B	0.	DIS37	6.350E-04	30B-1	0.
30B	0.27609	DIS37	0.0022	30B-1	0.27609
30B	0.55218	DIS37	0.0028	30B-1	0.55218
30B	0.	DIS38	0.001	30B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30B	0.27609	DIS38	0.0031	30B-1	0.27609
30B	0.55218	DIS38	0.0041	30B-1	0.55218
30B	0.	DIS39	0.001	30B-1	0.
30B	0.27609	DIS39	0.0031	30B-1	0.27609
30B	0.55218	DIS39	0.0041	30B-1	0.55218
30B	0.	DIS40	0.0012	30B-1	0.
30B	0.27609	DIS40	0.0034	30B-1	0.27609
30B	0.55218	DIS40	0.0046	30B-1	0.55218
30B	0.	DIS41	7.142E-04	30B-1	0.
30B	0.27609	DIS41	0.0024	30B-1	0.27609
30B	0.55218	DIS41	0.0031	30B-1	0.55218
30B	0.	DIS42	7.142E-04	30B-1	0.
30B	0.27609	DIS42	0.0024	30B-1	0.27609
30B	0.55218	DIS42	0.0031	30B-1	0.55218
30B	0.	DIS43	8.791E-04	30B-1	0.
30B	0.27609	DIS43	0.0028	30B-1	0.27609
30B	0.55218	DIS43	0.0037	30B-1	0.55218
30B	0.	DIS44	7.142E-04	30B-1	0.
30B	0.27609	DIS44	0.0024	30B-1	0.27609
30B	0.55218	DIS44	0.0031	30B-1	0.55218
30B	0.	DIS45	7.142E-04	30B-1	0.
30B	0.27609	DIS45	0.0024	30B-1	0.27609
30B	0.55218	DIS45	0.0031	30B-1	0.55218
30B	0.	DIS46	8.791E-04	30B-1	0.
30B	0.27609	DIS46	0.0028	30B-1	0.27609
30B	0.55218	DIS46	0.0037	30B-1	0.55218
30B	0.	DIS47	3.833E-04	30B-1	0.
30B	0.27609	DIS47	0.0017	30B-1	0.27609
30B	0.55218	DIS47	0.002	30B-1	0.55218
30B	0.	DIS48	3.851E-04	30B-1	0.
30B	0.27609	DIS48	0.0017	30B-1	0.27609
30B	0.55218	DIS48	0.002	30B-1	0.55218
30B	0.	DIS49	5.804E-04	30B-1	0.
30B	0.27609	DIS49	0.0016	30B-1	0.27609
30B	0.55218	DIS49	0.0017	30B-1	0.55218
30B	0.	DIS50	1.880E-04	30B-1	0.
30B	0.27609	DIS50	0.0018	30B-1	0.27609
30B	0.55218	DIS50	0.0023	30B-1	0.55218
30B	0.	DIS51	6.181E-04	30B-1	0.
30B	0.27609	DIS51	0.002	30B-1	0.27609
30B	0.55218	DIS51	0.0026	30B-1	0.55218
30B	0.	DIS52	6.181E-04	30B-1	0.
30B	0.27609	DIS52	0.002	30B-1	0.27609
30B	0.55218	DIS52	0.0026	30B-1	0.55218
30B	0.	DIS53	7.831E-04	30B-1	0.
30B	0.27609	DIS53	0.0024	30B-1	0.27609
30B	0.55218	DIS53	0.0032	30B-1	0.55218
30B	0.	DIS54	2.875E-04	30B-1	0.
30B	0.27609	DIS54	0.0013	30B-1	0.27609
30B	0.55218	DIS54	0.0015	30B-1	0.55218
30B	0.	DIS55	2.888E-04	30B-1	0.
30B	0.27609	DIS55	0.0013	30B-1	0.27609
30B	0.55218	DIS55	0.0015	30B-1	0.55218
30B	0.	DIS56	4.353E-04	30B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30B	0.27609	DIS56	0.0012	30B-1	0.27609
30B	0.55218	DIS56	0.0013	30B-1	0.55218
30B	0.	DIS57	1.410E-04	30B-1	0.
30B	0.27609	DIS57	0.0013	30B-1	0.27609
30B	0.55218	DIS57	0.0017	30B-1	0.55218
30C	0.	DEAD	0.0012	30C-1	0.
30C	0.27609	DEAD	0.001	30C-1	0.27609
30C	0.55218	DEAD	5.175E-05	30C-1	0.55218
30C	0.	L	0.	30C-1	0.
30C	0.27609	L	0.	30C-1	0.27609
30C	0.55218	L	0.	30C-1	0.55218
30C	0.	Lr	0.0014	30C-1	0.
30C	0.27609	Lr	8.722E-04	30C-1	0.27609
30C	0.55218	Lr	3.159E-04	30C-1	0.55218
30C	0.	G	0.	30C-1	0.
30C	0.27609	G	0.	30C-1	0.27609
30C	0.55218	G	0.	30C-1	0.55218
30C	0.	Le	0.	30C-1	0.
30C	0.27609	Le	0.	30C-1	0.27609
30C	0.55218	Le	0.	30C-1	0.55218
30C	0.	Wx	8.046E-04	30C-1	0.
30C	0.27609	Wx	4.913E-04	30C-1	0.27609
30C	0.55218	Wx	1.779E-04	30C-1	0.55218
30C	0.	Wy	8.046E-04	30C-1	0.
30C	0.27609	Wy	4.913E-04	30C-1	0.27609
30C	0.55218	Wy	1.779E-04	30C-1	0.55218
30C	0.	CFx D	2.425E-07	30C-1	0.
30C	0.27609	CFx D	-1.324E-07	30C-1	0.27609
30C	0.55218	CFx D	6.946E-07	30C-1	0.55218
30C	0.	CFy D	-2.379E-04	30C-1	0.
30C	0.27609	CFy D	2.681E-05	30C-1	0.27609
30C	0.55218	CFy D	2.916E-04	30C-1	0.55218
30C	0.	CFx L	0.	30C-1	0.
30C	0.27609	CFx L	0.	30C-1	0.27609
30C	0.55218	CFx L	0.	30C-1	0.55218
30C	0.	CFy L	0.	30C-1	0.
30C	0.27609	CFy L	0.	30C-1	0.27609
30C	0.55218	CFy L	0.	30C-1	0.55218
30C	0.	CFx Lr	-1.284E-07	30C-1	0.
30C	0.27609	CFx Lr	9.115E-08	30C-1	0.27609
30C	0.55218	CFx Lr	3.107E-07	30C-1	0.55218
30C	0.	CFy Lr	-2.565E-04	30C-1	0.
30C	0.27609	CFy Lr	2.186E-05	30C-1	0.27609
30C	0.55218	CFy Lr	3.002E-04	30C-1	0.55218
30C	0.	DIS01	0.0016	30C-1	0.
30C	0.27609	DIS01	0.0014	30C-1	0.27609
30C	0.55218	DIS01	7.343E-05	30C-1	0.55218
30C	0.	DIS02	0.0016	30C-1	0.
30C	0.27609	DIS02	0.0014	30C-1	0.27609
30C	0.55218	DIS02	7.148E-05	30C-1	0.55218
30C	0.	DIS03	0.0013	30C-1	0.
30C	0.27609	DIS03	0.0015	30C-1	0.27609
30C	0.55218	DIS03	4.807E-04	30C-1	0.55218
30C	0.	DIS04	0.0019	30C-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30C	0.27609	DIS04	0.0014	30C-1	0.27609
30C	0.55218	DIS04	-3.357E-04	30C-1	0.55218
30C	0.	DIS05	0.0021	30C-1	0.
30C	0.27609	DIS05	0.0017	30C-1	0.27609
30C	0.55218	DIS05	2.210E-04	30C-1	0.55218
30C	0.	DIS06	0.0021	30C-1	0.
30C	0.27609	DIS06	0.0017	30C-1	0.27609
30C	0.55218	DIS06	2.190E-04	30C-1	0.55218
30C	0.	DIS07	0.0017	30C-1	0.
30C	0.27609	DIS07	0.0017	30C-1	0.27609
30C	0.55218	DIS07	7.200E-04	30C-1	0.55218
30C	0.	DIS08	0.0025	30C-1	0.
30C	0.27609	DIS08	0.0016	30C-1	0.27609
30C	0.55218	DIS08	-2.799E-04	30C-1	0.55218
30C	0.	DIS09	0.0014	30C-1	0.
30C	0.27609	DIS09	0.0012	30C-1	0.27609
30C	0.55218	DIS09	6.294E-05	30C-1	0.55218
30C	0.	DIS10	0.0014	30C-1	0.
30C	0.27609	DIS10	0.0012	30C-1	0.27609
30C	0.55218	DIS10	6.127E-05	30C-1	0.55218
30C	0.	DIS11	0.0011	30C-1	0.
30C	0.27609	DIS11	0.0013	30C-1	0.27609
30C	0.55218	DIS11	4.120E-04	30C-1	0.55218
30C	0.	DIS12	0.0017	30C-1	0.
30C	0.27609	DIS12	0.0012	30C-1	0.27609
30C	0.55218	DIS12	-2.878E-04	30C-1	0.55218
30C	0.	DIS13	0.0014	30C-1	0.
30C	0.27609	DIS13	0.0012	30C-1	0.27609
30C	0.55218	DIS13	6.294E-05	30C-1	0.55218
30C	0.	DIS14	0.0014	30C-1	0.
30C	0.27609	DIS14	0.0012	30C-1	0.27609
30C	0.55218	DIS14	6.127E-05	30C-1	0.55218
30C	0.	DIS15	0.0011	30C-1	0.
30C	0.27609	DIS15	0.0013	30C-1	0.27609
30C	0.55218	DIS15	4.120E-04	30C-1	0.55218
30C	0.	DIS16	0.0017	30C-1	0.
30C	0.27609	DIS16	0.0012	30C-1	0.27609
30C	0.55218	DIS16	-2.878E-04	30C-1	0.55218
30C	0.	DIS17	0.0037	30C-1	0.
30C	0.27609	DIS17	0.0026	30C-1	0.27609
30C	0.55218	DIS17	5.688E-04	30C-1	0.55218
30C	0.	DIS18	0.0037	30C-1	0.
30C	0.27609	DIS18	0.0026	30C-1	0.27609
30C	0.55218	DIS18	5.662E-04	30C-1	0.55218
30C	0.	DIS19	0.003	30C-1	0.
30C	0.27609	DIS19	0.0027	30C-1	0.27609
30C	0.55218	DIS19	0.0014	30C-1	0.55218
30C	0.	DIS20	0.0044	30C-1	0.
30C	0.27609	DIS20	0.0026	30C-1	0.27609
30C	0.55218	DIS20	-2.627E-04	30C-1	0.55218
30C	0.	DIS21	0.0014	30C-1	0.
30C	0.27609	DIS21	0.0012	30C-1	0.27609
30C	0.55218	DIS21	6.294E-05	30C-1	0.55218
30C	0.	DIS22	0.0014	30C-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30C	0.27609	DIS22	0.0012	30C-1	0.27609
30C	0.55218	DIS22	6.127E-05	30C-1	0.55218
30C	0.	DIS23	0.0011	30C-1	0.
30C	0.27609	DIS23	0.0013	30C-1	0.27609
30C	0.55218	DIS23	4.120E-04	30C-1	0.55218
30C	0.	DIS24	0.0017	30C-1	0.
30C	0.27609	DIS24	0.0012	30C-1	0.27609
30C	0.55218	DIS24	-2.878E-04	30C-1	0.55218
30C	0.	DIS25	0.0014	30C-1	0.
30C	0.27609	DIS25	0.0012	30C-1	0.27609
30C	0.55218	DIS25	6.294E-05	30C-1	0.55218
30C	0.	DIS26	0.0014	30C-1	0.
30C	0.27609	DIS26	0.0012	30C-1	0.27609
30C	0.55218	DIS26	6.127E-05	30C-1	0.55218
30C	0.	DIS27	0.0011	30C-1	0.
30C	0.27609	DIS27	0.0013	30C-1	0.27609
30C	0.55218	DIS27	4.120E-04	30C-1	0.55218
30C	0.	DIS28	0.0017	30C-1	0.
30C	0.27609	DIS28	0.0012	30C-1	0.27609
30C	0.55218	DIS28	-2.878E-04	30C-1	0.55218
30C	0.	DIS29	0.0041	30C-1	0.
30C	0.27609	DIS29	0.0029	30C-1	0.27609
30C	0.55218	DIS29	6.565E-04	30C-1	0.55218
30C	0.	DIS30	0.0041	30C-1	0.
30C	0.27609	DIS30	0.0029	30C-1	0.27609
30C	0.55218	DIS30	6.565E-04	30C-1	0.55218
30C	0.	DIS31	0.0043	30C-1	0.
30C	0.27609	DIS31	0.003	30C-1	0.27609
30C	0.55218	DIS31	7.027E-04	30C-1	0.55218
30C	0.	DIS32	0.0018	30C-1	0.
30C	0.27609	DIS32	0.0015	30C-1	0.27609
30C	0.55218	DIS32	1.511E-04	30C-1	0.55218
30C	0.	DIS33	0.0018	30C-1	0.
30C	0.27609	DIS33	0.0015	30C-1	0.27609
30C	0.55218	DIS33	1.511E-04	30C-1	0.55218
30C	0.	DIS34	0.002	30C-1	0.
30C	0.27609	DIS34	0.0016	30C-1	0.27609
30C	0.55218	DIS34	1.973E-04	30C-1	0.55218
30C	0.	DIS35	0.0018	30C-1	0.
30C	0.27609	DIS35	0.0015	30C-1	0.27609
30C	0.55218	DIS35	1.511E-04	30C-1	0.55218
30C	0.	DIS36	0.0018	30C-1	0.
30C	0.27609	DIS36	0.0015	30C-1	0.27609
30C	0.55218	DIS36	1.511E-04	30C-1	0.55218
30C	0.	DIS37	0.002	30C-1	0.
30C	0.27609	DIS37	0.0016	30C-1	0.27609
30C	0.55218	DIS37	1.973E-04	30C-1	0.55218
30C	0.	DIS38	0.0029	30C-1	0.
30C	0.27609	DIS38	0.0022	30C-1	0.27609
30C	0.55218	DIS38	3.980E-04	30C-1	0.55218
30C	0.	DIS39	0.0029	30C-1	0.
30C	0.27609	DIS39	0.0022	30C-1	0.27609
30C	0.55218	DIS39	3.980E-04	30C-1	0.55218
30C	0.	DIS40	0.0033	30C-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30C	0.27609	DIS40	0.0024	30C-1	0.27609
30C	0.55218	DIS40	4.869E-04	30C-1	0.55218
30C	0.	DIS41	0.0022	30C-1	0.
30C	0.27609	DIS41	0.0017	30C-1	0.27609
30C	0.55218	DIS41	2.400E-04	30C-1	0.55218
30C	0.	DIS42	0.0022	30C-1	0.
30C	0.27609	DIS42	0.0017	30C-1	0.27609
30C	0.55218	DIS42	2.400E-04	30C-1	0.55218
30C	0.	DIS43	0.0026	30C-1	0.
30C	0.27609	DIS43	0.002	30C-1	0.27609
30C	0.55218	DIS43	3.290E-04	30C-1	0.55218
30C	0.	DIS44	0.0022	30C-1	0.
30C	0.27609	DIS44	0.0017	30C-1	0.27609
30C	0.55218	DIS44	2.400E-04	30C-1	0.55218
30C	0.	DIS45	0.0022	30C-1	0.
30C	0.27609	DIS45	0.0017	30C-1	0.27609
30C	0.55218	DIS45	2.400E-04	30C-1	0.55218
30C	0.	DIS46	0.0026	30C-1	0.
30C	0.27609	DIS46	0.002	30C-1	0.27609
30C	0.55218	DIS46	3.290E-04	30C-1	0.55218
30C	0.	DIS47	0.0014	30C-1	0.
30C	0.27609	DIS47	0.0012	30C-1	0.27609
30C	0.55218	DIS47	6.294E-05	30C-1	0.55218
30C	0.	DIS48	0.0014	30C-1	0.
30C	0.27609	DIS48	0.0012	30C-1	0.27609
30C	0.55218	DIS48	6.127E-05	30C-1	0.55218
30C	0.	DIS49	0.0011	30C-1	0.
30C	0.27609	DIS49	0.0013	30C-1	0.27609
30C	0.55218	DIS49	4.120E-04	30C-1	0.55218
30C	0.	DIS50	0.0017	30C-1	0.
30C	0.27609	DIS50	0.0012	30C-1	0.27609
30C	0.55218	DIS50	-2.878E-04	30C-1	0.55218
30C	0.	DIS51	0.0018	30C-1	0.
30C	0.27609	DIS51	0.0014	30C-1	0.27609
30C	0.55218	DIS51	2.245E-04	30C-1	0.55218
30C	0.	DIS52	0.0018	30C-1	0.
30C	0.27609	DIS52	0.0014	30C-1	0.27609
30C	0.55218	DIS52	2.245E-04	30C-1	0.55218
30C	0.	DIS53	0.0022	30C-1	0.
30C	0.27609	DIS53	0.0017	30C-1	0.27609
30C	0.55218	DIS53	3.135E-04	30C-1	0.55218
30C	0.	DIS54	0.001	30C-1	0.
30C	0.27609	DIS54	9.221E-04	30C-1	0.27609
30C	0.55218	DIS54	4.720E-05	30C-1	0.55218
30C	0.	DIS55	0.001	30C-1	0.
30C	0.27609	DIS55	9.223E-04	30C-1	0.27609
30C	0.55218	DIS55	4.595E-05	30C-1	0.55218
30C	0.	DIS56	8.232E-04	30C-1	0.
30C	0.27609	DIS56	9.464E-04	30C-1	0.27609
30C	0.55218	DIS56	3.090E-04	30C-1	0.55218
30C	0.	DIS57	0.0013	30C-1	0.
30C	0.27609	DIS57	8.981E-04	30C-1	0.27609
30C	0.55218	DIS57	-2.158E-04	30C-1	0.55218
311	0.	DEAD	-0.0323	311-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
311	0.45	DEAD	0.0621	311-1	0.45
311	0.9	DEAD	-0.0881	311-1	0.9
311	0.	L	0.	311-1	0.
311	0.45	L	0.	311-1	0.45
311	0.9	L	0.	311-1	0.9
311	0.	Lr	-0.0328	311-1	0.
311	0.45	Lr	0.0628	311-1	0.45
311	0.9	Lr	-0.0896	311-1	0.9
311	0.	G	0.	311-1	0.
311	0.45	G	0.	311-1	0.45
311	0.9	G	0.	311-1	0.9
311	0.	Le	0.	311-1	0.
311	0.45	Le	0.	311-1	0.45
311	0.9	Le	0.	311-1	0.9
311	0.	Wx	-0.0185	311-1	0.
311	0.45	Wx	0.0354	311-1	0.45
311	0.9	Wx	-0.0504	311-1	0.9
311	0.	Wy	-0.0185	311-1	0.
311	0.45	Wy	0.0354	311-1	0.45
311	0.9	Wy	-0.0504	311-1	0.9
311	0.	CFx D	1.887E-06	311-1	0.
311	0.45	CFx D	3.794E-06	311-1	0.45
311	0.9	CFx D	5.700E-06	311-1	0.9
311	0.	CFy D	0.	311-1	0.
311	0.45	CFy D	0.0035	311-1	0.45
311	0.9	CFy D	0.007	311-1	0.9
311	0.	CFx L	0.	311-1	0.
311	0.45	CFx L	0.	311-1	0.45
311	0.9	CFx L	0.	311-1	0.9
311	0.	CFy L	0.	311-1	0.
311	0.45	CFy L	0.	311-1	0.45
311	0.9	CFy L	0.	311-1	0.9
311	0.	CFx Lr	2.341E-06	311-1	0.
311	0.45	CFx Lr	3.776E-06	311-1	0.45
311	0.9	CFx Lr	5.212E-06	311-1	0.9
311	0.	CFy Lr	0.	311-1	0.
311	0.45	CFy Lr	0.0035	311-1	0.45
311	0.9	CFy Lr	0.007	311-1	0.9
311	0.	DIS01	-0.0452	311-1	0.
311	0.45	DIS01	0.0869	311-1	0.45
311	0.9	DIS01	-0.1233	311-1	0.9
311	0.	DIS02	-0.0452	311-1	0.
311	0.45	DIS02	0.0869	311-1	0.45
311	0.9	DIS02	-0.1234	311-1	0.9
311	0.	DIS03	-0.0452	311-1	0.
311	0.45	DIS03	0.0919	311-1	0.45
311	0.9	DIS03	-0.1135	311-1	0.9
311	0.	DIS04	-0.0452	311-1	0.
311	0.45	DIS04	0.082	311-1	0.45
311	0.9	DIS04	-0.1332	311-1	0.9
311	0.	DIS05	-0.0552	311-1	0.
311	0.45	DIS05	0.1059	311-1	0.45
311	0.9	DIS05	-0.1505	311-1	0.9
311	0.	DIS06	-0.0552	311-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
311	0.45	DIS06	0.1059	311-1	0.45
311	0.9	DIS06	-0.1505	311-1	0.9
311	0.	DIS07	-0.0552	311-1	0.
311	0.45	DIS07	0.1119	311-1	0.45
311	0.9	DIS07	-0.1385	311-1	0.9
311	0.	DIS08	-0.0552	311-1	0.
311	0.45	DIS08	0.1	311-1	0.45
311	0.9	DIS08	-0.1625	311-1	0.9
311	0.	DIS09	-0.0387	311-1	0.
311	0.45	DIS09	0.0745	311-1	0.45
311	0.9	DIS09	-0.1057	311-1	0.9
311	0.	DIS10	-0.0388	311-1	0.
311	0.45	DIS10	0.0745	311-1	0.45
311	0.9	DIS10	-0.1057	311-1	0.9
311	0.	DIS11	-0.0388	311-1	0.
311	0.45	DIS11	0.0787	311-1	0.45
311	0.9	DIS11	-0.0973	311-1	0.9
311	0.	DIS12	-0.0388	311-1	0.
311	0.45	DIS12	0.0703	311-1	0.45
311	0.9	DIS12	-0.1142	311-1	0.9
311	0.	DIS13	-0.0387	311-1	0.
311	0.45	DIS13	0.0745	311-1	0.45
311	0.9	DIS13	-0.1057	311-1	0.9
311	0.	DIS14	-0.0388	311-1	0.
311	0.45	DIS14	0.0745	311-1	0.45
311	0.9	DIS14	-0.1057	311-1	0.9
311	0.	DIS15	-0.0388	311-1	0.
311	0.45	DIS15	0.0787	311-1	0.45
311	0.9	DIS15	-0.0973	311-1	0.9
311	0.	DIS16	-0.0388	311-1	0.
311	0.45	DIS16	0.0703	311-1	0.45
311	0.9	DIS16	-0.1142	311-1	0.9
311	0.	DIS17	-0.0913	311-1	0.
311	0.45	DIS17	0.1751	311-1	0.45
311	0.9	DIS17	-0.249	311-1	0.9
311	0.	DIS18	-0.0913	311-1	0.
311	0.45	DIS18	0.1751	311-1	0.45
311	0.9	DIS18	-0.249	311-1	0.9
311	0.	DIS19	-0.0913	311-1	0.
311	0.45	DIS19	0.1849	311-1	0.45
311	0.9	DIS19	-0.2293	311-1	0.9
311	0.	DIS20	-0.0913	311-1	0.
311	0.45	DIS20	0.1652	311-1	0.45
311	0.9	DIS20	-0.2687	311-1	0.9
311	0.	DIS21	-0.0387	311-1	0.
311	0.45	DIS21	0.0745	311-1	0.45
311	0.9	DIS21	-0.1057	311-1	0.9
311	0.	DIS22	-0.0388	311-1	0.
311	0.45	DIS22	0.0745	311-1	0.45
311	0.9	DIS22	-0.1057	311-1	0.9
311	0.	DIS23	-0.0388	311-1	0.
311	0.45	DIS23	0.0787	311-1	0.45
311	0.9	DIS23	-0.0973	311-1	0.9
311	0.	DIS24	-0.0388	311-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
311	0.45	DIS24	0.0703	311-1	0.45
311	0.9	DIS24	-0.1142	311-1	0.9
311	0.	DIS25	-0.0387	311-1	0.
311	0.45	DIS25	0.0745	311-1	0.45
311	0.9	DIS25	-0.1057	311-1	0.9
311	0.	DIS26	-0.0388	311-1	0.
311	0.45	DIS26	0.0745	311-1	0.45
311	0.9	DIS26	-0.1057	311-1	0.9
311	0.	DIS27	-0.0388	311-1	0.
311	0.45	DIS27	0.0787	311-1	0.45
311	0.9	DIS27	-0.0973	311-1	0.9
311	0.	DIS28	-0.0388	311-1	0.
311	0.45	DIS28	0.0703	311-1	0.45
311	0.9	DIS28	-0.1142	311-1	0.9
311	0.	DIS29	-0.1005	311-1	0.
311	0.45	DIS29	0.1928	311-1	0.45
311	0.9	DIS29	-0.2742	311-1	0.9
311	0.	DIS30	-0.1005	311-1	0.
311	0.45	DIS30	0.1928	311-1	0.45
311	0.9	DIS30	-0.2742	311-1	0.9
311	0.	DIS31	-0.1053	311-1	0.
311	0.45	DIS31	0.202	311-1	0.45
311	0.9	DIS31	-0.2873	311-1	0.9
311	0.	DIS32	-0.048	311-1	0.
311	0.45	DIS32	0.0922	311-1	0.45
311	0.9	DIS32	-0.1309	311-1	0.9
311	0.	DIS33	-0.048	311-1	0.
311	0.45	DIS33	0.0922	311-1	0.45
311	0.9	DIS33	-0.1309	311-1	0.9
311	0.	DIS34	-0.0528	311-1	0.
311	0.45	DIS34	0.1014	311-1	0.45
311	0.9	DIS34	-0.1441	311-1	0.9
311	0.	DIS35	-0.048	311-1	0.
311	0.45	DIS35	0.0922	311-1	0.45
311	0.9	DIS35	-0.1309	311-1	0.9
311	0.	DIS36	-0.048	311-1	0.
311	0.45	DIS36	0.0922	311-1	0.45
311	0.9	DIS36	-0.1309	311-1	0.9
311	0.	DIS37	-0.0528	311-1	0.
311	0.45	DIS37	0.1014	311-1	0.45
311	0.9	DIS37	-0.1441	311-1	0.9
311	0.	DIS38	-0.0736	311-1	0.
311	0.45	DIS38	0.1413	311-1	0.45
311	0.9	DIS38	-0.2009	311-1	0.9
311	0.	DIS39	-0.0736	311-1	0.
311	0.45	DIS39	0.1413	311-1	0.45
311	0.9	DIS39	-0.2009	311-1	0.9
311	0.	DIS40	-0.0829	311-1	0.
311	0.45	DIS40	0.159	311-1	0.45
311	0.9	DIS40	-0.2262	311-1	0.9
311	0.	DIS41	-0.0572	311-1	0.
311	0.45	DIS41	0.1099	311-1	0.45
311	0.9	DIS41	-0.1562	311-1	0.9
311	0.	DIS42	-0.0572	311-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
311	0.45	DIS42	0.1099	311-1	0.45
311	0.9	DIS42	-0.1562	311-1	0.9
311	0.	DIS43	-0.0665	311-1	0.
311	0.45	DIS43	0.1276	311-1	0.45
311	0.9	DIS43	-0.1814	311-1	0.9
311	0.	DIS44	-0.0572	311-1	0.
311	0.45	DIS44	0.1099	311-1	0.45
311	0.9	DIS44	-0.1562	311-1	0.9
311	0.	DIS45	-0.0572	311-1	0.
311	0.45	DIS45	0.1099	311-1	0.45
311	0.9	DIS45	-0.1562	311-1	0.9
311	0.	DIS46	-0.0665	311-1	0.
311	0.45	DIS46	0.1276	311-1	0.45
311	0.9	DIS46	-0.1814	311-1	0.9
311	0.	DIS47	-0.0387	311-1	0.
311	0.45	DIS47	0.0745	311-1	0.45
311	0.9	DIS47	-0.1057	311-1	0.9
311	0.	DIS48	-0.0388	311-1	0.
311	0.45	DIS48	0.0745	311-1	0.45
311	0.9	DIS48	-0.1057	311-1	0.9
311	0.	DIS49	-0.0388	311-1	0.
311	0.45	DIS49	0.0787	311-1	0.45
311	0.9	DIS49	-0.0973	311-1	0.9
311	0.	DIS50	-0.0388	311-1	0.
311	0.45	DIS50	0.0703	311-1	0.45
311	0.9	DIS50	-0.1142	311-1	0.9
311	0.	DIS51	-0.0476	311-1	0.
311	0.45	DIS51	0.0913	311-1	0.45
311	0.9	DIS51	-0.1297	311-1	0.9
311	0.	DIS52	-0.0476	311-1	0.
311	0.45	DIS52	0.0913	311-1	0.45
311	0.9	DIS52	-0.1297	311-1	0.9
311	0.	DIS53	-0.0568	311-1	0.
311	0.45	DIS53	0.109	311-1	0.45
311	0.9	DIS53	-0.155	311-1	0.9
311	0.	DIS54	-0.0291	311-1	0.
311	0.45	DIS54	0.0559	311-1	0.45
311	0.9	DIS54	-0.0793	311-1	0.9
311	0.	DIS55	-0.0291	311-1	0.
311	0.45	DIS55	0.0559	311-1	0.45
311	0.9	DIS55	-0.0793	311-1	0.9
311	0.	DIS56	-0.0291	311-1	0.
311	0.45	DIS56	0.0591	311-1	0.45
311	0.9	DIS56	-0.073	311-1	0.9
311	0.	DIS57	-0.0291	311-1	0.
311	0.45	DIS57	0.0527	311-1	0.45
311	0.9	DIS57	-0.0856	311-1	0.9
313	0.	DEAD	-0.0849	313-1	0.
313	0.45	DEAD	0.0466	313-1	0.45
313	0.9	DEAD	-0.0664	313-1	0.9
313	0.	L	0.	313-1	0.
313	0.45	L	0.	313-1	0.45
313	0.9	L	0.	313-1	0.9
313	0.	Lr	-0.0863	313-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
313	0.45	Lr	0.047	313-1	0.45
313	0.9	Lr	-0.0677	313-1	0.9
313	0.	G	0.	313-1	0.
313	0.45	G	0.	313-1	0.45
313	0.9	G	0.	313-1	0.9
313	0.	Le	0.	313-1	0.
313	0.45	Le	0.	313-1	0.45
313	0.9	Le	0.	313-1	0.9
313	0.	Wx	-0.0486	313-1	0.
313	0.45	Wx	0.0265	313-1	0.45
313	0.9	Wx	-0.0381	313-1	0.9
313	0.	Wy	-0.0486	313-1	0.
313	0.45	Wy	0.0265	313-1	0.45
313	0.9	Wy	-0.0381	313-1	0.9
313	0.	CFx D	5.166E-06	313-1	0.
313	0.45	CFx D	4.495E-06	313-1	0.45
313	0.9	CFx D	3.825E-06	313-1	0.9
313	0.	CFy D	0.0029	313-1	0.
313	0.45	CFy D	0.0064	313-1	0.45
313	0.9	CFy D	0.01	313-1	0.9
313	0.	CFx L	0.	313-1	0.
313	0.45	CFx L	0.	313-1	0.45
313	0.9	CFx L	0.	313-1	0.9
313	0.	CFy L	0.	313-1	0.
313	0.45	CFy L	0.	313-1	0.45
313	0.9	CFy L	0.	313-1	0.9
313	0.	CFx Lr	5.440E-06	313-1	0.
313	0.45	CFx Lr	4.420E-06	313-1	0.45
313	0.9	CFx Lr	3.401E-06	313-1	0.9
313	0.	CFy Lr	0.0039	313-1	0.
313	0.45	CFy Lr	0.0057	313-1	0.45
313	0.9	CFy Lr	0.0074	313-1	0.9
313	0.	DIS01	-0.1189	313-1	0.
313	0.45	DIS01	0.0653	313-1	0.45
313	0.9	DIS01	-0.093	313-1	0.9
313	0.	DIS02	-0.1189	313-1	0.
313	0.45	DIS02	0.0653	313-1	0.45
313	0.9	DIS02	-0.093	313-1	0.9
313	0.	DIS03	-0.1148	313-1	0.
313	0.45	DIS03	0.0743	313-1	0.45
313	0.9	DIS03	-0.079	313-1	0.9
313	0.	DIS04	-0.123	313-1	0.
313	0.45	DIS04	0.0563	313-1	0.45
313	0.9	DIS04	-0.1069	313-1	0.9
313	0.	DIS05	-0.145	313-1	0.
313	0.45	DIS05	0.0795	313-1	0.45
313	0.9	DIS05	-0.1135	313-1	0.9
313	0.	DIS06	-0.1451	313-1	0.
313	0.45	DIS06	0.0795	313-1	0.45
313	0.9	DIS06	-0.1135	313-1	0.9
313	0.	DIS07	-0.1396	313-1	0.
313	0.45	DIS07	0.0901	313-1	0.45
313	0.9	DIS07	-0.0979	313-1	0.9
313	0.	DIS08	-0.1505	313-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
313	0.45	DIS08	0.0689	313-1	0.45
313	0.9	DIS08	-0.1292	313-1	0.9
313	0.	DIS09	-0.1019	313-1	0.
313	0.45	DIS09	0.056	313-1	0.45
313	0.9	DIS09	-0.0797	313-1	0.9
313	0.	DIS10	-0.1019	313-1	0.
313	0.45	DIS10	0.056	313-1	0.45
313	0.9	DIS10	-0.0797	313-1	0.9
313	0.	DIS11	-0.0984	313-1	0.
313	0.45	DIS11	0.0637	313-1	0.45
313	0.9	DIS11	-0.0677	313-1	0.9
313	0.	DIS12	-0.1054	313-1	0.
313	0.45	DIS12	0.0482	313-1	0.45
313	0.9	DIS12	-0.0916	313-1	0.9
313	0.	DIS13	-0.1019	313-1	0.
313	0.45	DIS13	0.056	313-1	0.45
313	0.9	DIS13	-0.0797	313-1	0.9
313	0.	DIS14	-0.1019	313-1	0.
313	0.45	DIS14	0.056	313-1	0.45
313	0.9	DIS14	-0.0797	313-1	0.9
313	0.	DIS15	-0.0984	313-1	0.
313	0.45	DIS15	0.0637	313-1	0.45
313	0.9	DIS15	-0.0677	313-1	0.9
313	0.	DIS16	-0.1054	313-1	0.
313	0.45	DIS16	0.0482	313-1	0.45
313	0.9	DIS16	-0.0916	313-1	0.9
313	0.	DIS17	-0.2399	313-1	0.
313	0.45	DIS17	0.1313	313-1	0.45
313	0.9	DIS17	-0.188	313-1	0.9
313	0.	DIS18	-0.24	313-1	0.
313	0.45	DIS18	0.1312	313-1	0.45
313	0.9	DIS18	-0.188	313-1	0.9
313	0.	DIS19	-0.2302	313-1	0.
313	0.45	DIS19	0.148	313-1	0.45
313	0.9	DIS19	-0.1642	313-1	0.9
313	0.	DIS20	-0.2497	313-1	0.
313	0.45	DIS20	0.1144	313-1	0.45
313	0.9	DIS20	-0.2118	313-1	0.9
313	0.	DIS21	-0.1019	313-1	0.
313	0.45	DIS21	0.056	313-1	0.45
313	0.9	DIS21	-0.0797	313-1	0.9
313	0.	DIS22	-0.1019	313-1	0.
313	0.45	DIS22	0.056	313-1	0.45
313	0.9	DIS22	-0.0797	313-1	0.9
313	0.	DIS23	-0.0984	313-1	0.
313	0.45	DIS23	0.0637	313-1	0.45
313	0.9	DIS23	-0.0677	313-1	0.9
313	0.	DIS24	-0.1054	313-1	0.
313	0.45	DIS24	0.0482	313-1	0.45
313	0.9	DIS24	-0.0916	313-1	0.9
313	0.	DIS25	-0.1019	313-1	0.
313	0.45	DIS25	0.056	313-1	0.45
313	0.9	DIS25	-0.0797	313-1	0.9
313	0.	DIS26	-0.1019	313-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
313	0.45	DIS26	0.056	313-1	0.45
313	0.9	DIS26	-0.0797	313-1	0.9
313	0.	DIS27	-0.0984	313-1	0.
313	0.45	DIS27	0.0637	313-1	0.45
313	0.9	DIS27	-0.0677	313-1	0.9
313	0.	DIS28	-0.1054	313-1	0.
313	0.45	DIS28	0.0482	313-1	0.45
313	0.9	DIS28	-0.0916	313-1	0.9
313	0.	DIS29	-0.2642	313-1	0.
313	0.45	DIS29	0.1445	313-1	0.45
313	0.9	DIS29	-0.2071	313-1	0.9
313	0.	DIS30	-0.2642	313-1	0.
313	0.45	DIS30	0.1445	313-1	0.45
313	0.9	DIS30	-0.2071	313-1	0.9
313	0.	DIS31	-0.2769	313-1	0.
313	0.45	DIS31	0.1514	313-1	0.45
313	0.9	DIS31	-0.217	313-1	0.9
313	0.	DIS32	-0.1262	313-1	0.
313	0.45	DIS32	0.0692	313-1	0.45
313	0.9	DIS32	-0.0987	313-1	0.9
313	0.	DIS33	-0.1262	313-1	0.
313	0.45	DIS33	0.0692	313-1	0.45
313	0.9	DIS33	-0.0987	313-1	0.9
313	0.	DIS34	-0.1388	313-1	0.
313	0.45	DIS34	0.0761	313-1	0.45
313	0.9	DIS34	-0.1087	313-1	0.9
313	0.	DIS35	-0.1262	313-1	0.
313	0.45	DIS35	0.0692	313-1	0.45
313	0.9	DIS35	-0.0987	313-1	0.9
313	0.	DIS36	-0.1262	313-1	0.
313	0.45	DIS36	0.0692	313-1	0.45
313	0.9	DIS36	-0.0987	313-1	0.9
313	0.	DIS37	-0.1388	313-1	0.
313	0.45	DIS37	0.0761	313-1	0.45
313	0.9	DIS37	-0.1087	313-1	0.9
313	0.	DIS38	-0.1936	313-1	0.
313	0.45	DIS38	0.106	313-1	0.45
313	0.9	DIS38	-0.1517	313-1	0.9
313	0.	DIS39	-0.1936	313-1	0.
313	0.45	DIS39	0.106	313-1	0.45
313	0.9	DIS39	-0.1517	313-1	0.9
313	0.	DIS40	-0.2179	313-1	0.
313	0.45	DIS40	0.1192	313-1	0.45
313	0.9	DIS40	-0.1707	313-1	0.9
313	0.	DIS41	-0.1505	313-1	0.
313	0.45	DIS41	0.0825	313-1	0.45
313	0.9	DIS41	-0.1178	313-1	0.9
313	0.	DIS42	-0.1505	313-1	0.
313	0.45	DIS42	0.0825	313-1	0.45
313	0.9	DIS42	-0.1178	313-1	0.9
313	0.	DIS43	-0.1748	313-1	0.
313	0.45	DIS43	0.0957	313-1	0.45
313	0.9	DIS43	-0.1369	313-1	0.9
313	0.	DIS44	-0.1505	313-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
313	0.45	DIS44	0.0825	313-1	0.45
313	0.9	DIS44	-0.1178	313-1	0.9
313	0.	DIS45	-0.1505	313-1	0.
313	0.45	DIS45	0.0825	313-1	0.45
313	0.9	DIS45	-0.1178	313-1	0.9
313	0.	DIS46	-0.1748	313-1	0.
313	0.45	DIS46	0.0957	313-1	0.45
313	0.9	DIS46	-0.1369	313-1	0.9
313	0.	DIS47	-0.1019	313-1	0.
313	0.45	DIS47	0.056	313-1	0.45
313	0.9	DIS47	-0.0797	313-1	0.9
313	0.	DIS48	-0.1019	313-1	0.
313	0.45	DIS48	0.056	313-1	0.45
313	0.9	DIS48	-0.0797	313-1	0.9
313	0.	DIS49	-0.0984	313-1	0.
313	0.45	DIS49	0.0637	313-1	0.45
313	0.9	DIS49	-0.0677	313-1	0.9
313	0.	DIS50	-0.1054	313-1	0.
313	0.45	DIS50	0.0482	313-1	0.45
313	0.9	DIS50	-0.0916	313-1	0.9
313	0.	DIS51	-0.125	313-1	0.
313	0.45	DIS51	0.0685	313-1	0.45
313	0.9	DIS51	-0.0979	313-1	0.9
313	0.	DIS52	-0.125	313-1	0.
313	0.45	DIS52	0.0685	313-1	0.45
313	0.9	DIS52	-0.0979	313-1	0.9
313	0.	DIS53	-0.1493	313-1	0.
313	0.45	DIS53	0.0817	313-1	0.45
313	0.9	DIS53	-0.117	313-1	0.9
313	0.	DIS54	-0.0764	313-1	0.
313	0.45	DIS54	0.042	313-1	0.45
313	0.9	DIS54	-0.0598	313-1	0.9
313	0.	DIS55	-0.0764	313-1	0.
313	0.45	DIS55	0.042	313-1	0.45
313	0.9	DIS55	-0.0598	313-1	0.9
313	0.	DIS56	-0.0738	313-1	0.
313	0.45	DIS56	0.0478	313-1	0.45
313	0.9	DIS56	-0.0508	313-1	0.9
313	0.	DIS57	-0.0791	313-1	0.
313	0.45	DIS57	0.0362	313-1	0.45
313	0.9	DIS57	-0.0687	313-1	0.9
315	0.	DEAD	-0.068	315-1	0.
315	0.45	DEAD	0.0544	315-1	0.45
315	0.9	DEAD	-0.0677	315-1	0.9
315	0.	L	0.	315-1	0.
315	0.45	L	0.	315-1	0.45
315	0.9	L	0.	315-1	0.9
315	0.	Lr	-0.0693	315-1	0.
315	0.45	Lr	0.0548	315-1	0.45
315	0.9	Lr	-0.0691	315-1	0.9
315	0.	G	0.	315-1	0.
315	0.45	G	0.	315-1	0.45
315	0.9	G	0.	315-1	0.9
315	0.	Le	0.	315-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
315	0.45	Le	0.	315-1	0.45
315	0.9	Le	0.	315-1	0.9
315	0.	Wx	-0.039	315-1	0.
315	0.45	Wx	0.0309	315-1	0.45
315	0.9	Wx	-0.0389	315-1	0.9
315	0.	Wy	-0.039	315-1	0.
315	0.45	Wy	0.0309	315-1	0.45
315	0.9	Wy	-0.0389	315-1	0.9
315	0.	CFx D	3.470E-06	315-1	0.
315	0.45	CFx D	3.463E-06	315-1	0.45
315	0.9	CFx D	3.455E-06	315-1	0.9
315	0.	CFy D	0.0068	315-1	0.
315	0.45	CFy D	0.0086	315-1	0.45
315	0.9	CFy D	0.0104	315-1	0.9
315	0.	CFx L	0.	315-1	0.
315	0.45	CFx L	0.	315-1	0.45
315	0.9	CFx L	0.	315-1	0.9
315	0.	CFy L	0.	315-1	0.
315	0.45	CFy L	0.	315-1	0.45
315	0.9	CFy L	0.	315-1	0.9
315	0.	CFx Lr	3.797E-06	315-1	0.
315	0.45	CFx Lr	3.413E-06	315-1	0.45
315	0.9	CFx Lr	3.029E-06	315-1	0.9
315	0.	CFy Lr	0.0088	315-1	0.
315	0.45	CFy Lr	0.0097	315-1	0.45
315	0.9	CFy Lr	0.0105	315-1	0.9
315	0.	DIS01	-0.0952	315-1	0.
315	0.45	DIS01	0.0762	315-1	0.45
315	0.9	DIS01	-0.0948	315-1	0.9
315	0.	DIS02	-0.0952	315-1	0.
315	0.45	DIS02	0.0762	315-1	0.45
315	0.9	DIS02	-0.0948	315-1	0.9
315	0.	DIS03	-0.0857	315-1	0.
315	0.45	DIS03	0.0882	315-1	0.45
315	0.9	DIS03	-0.0803	315-1	0.9
315	0.	DIS04	-0.1048	315-1	0.
315	0.45	DIS04	0.0642	315-1	0.45
315	0.9	DIS04	-0.1093	315-1	0.9
315	0.	DIS05	-0.1163	315-1	0.
315	0.45	DIS05	0.0927	315-1	0.45
315	0.9	DIS05	-0.1158	315-1	0.9
315	0.	DIS06	-0.1163	315-1	0.
315	0.45	DIS06	0.0927	315-1	0.45
315	0.9	DIS06	-0.1158	315-1	0.9
315	0.	DIS07	-0.1037	315-1	0.
315	0.45	DIS07	0.1079	315-1	0.45
315	0.9	DIS07	-0.0981	315-1	0.9
315	0.	DIS08	-0.1289	315-1	0.
315	0.45	DIS08	0.0776	315-1	0.45
315	0.9	DIS08	-0.1335	315-1	0.9
315	0.	DIS09	-0.0816	315-1	0.
315	0.45	DIS09	0.0653	315-1	0.45
315	0.9	DIS09	-0.0813	315-1	0.9
315	0.	DIS10	-0.0816	315-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
315	0.45	DIS10	0.0653	315-1	0.45
315	0.9	DIS10	-0.0813	315-1	0.9
315	0.	DIS11	-0.0734	315-1	0.
315	0.45	DIS11	0.0756	315-1	0.45
315	0.9	DIS11	-0.0688	315-1	0.9
315	0.	DIS12	-0.0898	315-1	0.
315	0.45	DIS12	0.055	315-1	0.45
315	0.9	DIS12	-0.0937	315-1	0.9
315	0.	DIS13	-0.0816	315-1	0.
315	0.45	DIS13	0.0653	315-1	0.45
315	0.9	DIS13	-0.0813	315-1	0.9
315	0.	DIS14	-0.0816	315-1	0.
315	0.45	DIS14	0.0653	315-1	0.45
315	0.9	DIS14	-0.0813	315-1	0.9
315	0.	DIS15	-0.0734	315-1	0.
315	0.45	DIS15	0.0756	315-1	0.45
315	0.9	DIS15	-0.0688	315-1	0.9
315	0.	DIS16	-0.0898	315-1	0.
315	0.45	DIS16	0.055	315-1	0.45
315	0.9	DIS16	-0.0937	315-1	0.9
315	0.	DIS17	-0.1925	315-1	0.
315	0.45	DIS17	0.153	315-1	0.45
315	0.9	DIS17	-0.1918	315-1	0.9
315	0.	DIS18	-0.1926	315-1	0.
315	0.45	DIS18	0.153	315-1	0.45
315	0.9	DIS18	-0.1918	315-1	0.9
315	0.	DIS19	-0.1703	315-1	0.
315	0.45	DIS19	0.1788	315-1	0.45
315	0.9	DIS19	-0.1625	315-1	0.9
315	0.	DIS20	-0.2148	315-1	0.
315	0.45	DIS20	0.1273	315-1	0.45
315	0.9	DIS20	-0.2211	315-1	0.9
315	0.	DIS21	-0.0816	315-1	0.
315	0.45	DIS21	0.0653	315-1	0.45
315	0.9	DIS21	-0.0813	315-1	0.9
315	0.	DIS22	-0.0816	315-1	0.
315	0.45	DIS22	0.0653	315-1	0.45
315	0.9	DIS22	-0.0813	315-1	0.9
315	0.	DIS23	-0.0734	315-1	0.
315	0.45	DIS23	0.0756	315-1	0.45
315	0.9	DIS23	-0.0688	315-1	0.9
315	0.	DIS24	-0.0898	315-1	0.
315	0.45	DIS24	0.055	315-1	0.45
315	0.9	DIS24	-0.0937	315-1	0.9
315	0.	DIS25	-0.0816	315-1	0.
315	0.45	DIS25	0.0653	315-1	0.45
315	0.9	DIS25	-0.0813	315-1	0.9
315	0.	DIS26	-0.0816	315-1	0.
315	0.45	DIS26	0.0653	315-1	0.45
315	0.9	DIS26	-0.0813	315-1	0.9
315	0.	DIS27	-0.0734	315-1	0.
315	0.45	DIS27	0.0756	315-1	0.45
315	0.9	DIS27	-0.0688	315-1	0.9
315	0.	DIS28	-0.0898	315-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
315	0.45	DIS28	0.055	315-1	0.45
315	0.9	DIS28	-0.0937	315-1	0.9
315	0.	DIS29	-0.2121	315-1	0.
315	0.45	DIS29	0.1685	315-1	0.45
315	0.9	DIS29	-0.2112	315-1	0.9
315	0.	DIS30	-0.2121	315-1	0.
315	0.45	DIS30	0.1685	315-1	0.45
315	0.9	DIS30	-0.2112	315-1	0.9
315	0.	DIS31	-0.2222	315-1	0.
315	0.45	DIS31	0.1765	315-1	0.45
315	0.9	DIS31	-0.2214	315-1	0.9
315	0.	DIS32	-0.1012	315-1	0.
315	0.45	DIS32	0.0807	315-1	0.45
315	0.9	DIS32	-0.1007	315-1	0.9
315	0.	DIS33	-0.1012	315-1	0.
315	0.45	DIS33	0.0807	315-1	0.45
315	0.9	DIS33	-0.1007	315-1	0.9
315	0.	DIS34	-0.1113	315-1	0.
315	0.45	DIS34	0.0888	315-1	0.45
315	0.9	DIS34	-0.1108	315-1	0.9
315	0.	DIS35	-0.1012	315-1	0.
315	0.45	DIS35	0.0807	315-1	0.45
315	0.9	DIS35	-0.1007	315-1	0.9
315	0.	DIS36	-0.1012	315-1	0.
315	0.45	DIS36	0.0807	315-1	0.45
315	0.9	DIS36	-0.1007	315-1	0.9
315	0.	DIS37	-0.1113	315-1	0.
315	0.45	DIS37	0.0888	315-1	0.45
315	0.9	DIS37	-0.1108	315-1	0.9
315	0.	DIS38	-0.1553	315-1	0.
315	0.45	DIS38	0.1236	315-1	0.45
315	0.9	DIS38	-0.1547	315-1	0.9
315	0.	DIS39	-0.1553	315-1	0.
315	0.45	DIS39	0.1236	315-1	0.45
315	0.9	DIS39	-0.1547	315-1	0.9
315	0.	DIS40	-0.1749	315-1	0.
315	0.45	DIS40	0.139	315-1	0.45
315	0.9	DIS40	-0.1742	315-1	0.9
315	0.	DIS41	-0.1207	315-1	0.
315	0.45	DIS41	0.0962	315-1	0.45
315	0.9	DIS41	-0.1202	315-1	0.9
315	0.	DIS42	-0.1207	315-1	0.
315	0.45	DIS42	0.0962	315-1	0.45
315	0.9	DIS42	-0.1202	315-1	0.9
315	0.	DIS43	-0.1402	315-1	0.
315	0.45	DIS43	0.1116	315-1	0.45
315	0.9	DIS43	-0.1396	315-1	0.9
315	0.	DIS44	-0.1207	315-1	0.
315	0.45	DIS44	0.0962	315-1	0.45
315	0.9	DIS44	-0.1202	315-1	0.9
315	0.	DIS45	-0.1207	315-1	0.
315	0.45	DIS45	0.0962	315-1	0.45
315	0.9	DIS45	-0.1202	315-1	0.9
315	0.	DIS46	-0.1402	315-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
315	0.45	DIS46	0.1116	315-1	0.45
315	0.9	DIS46	-0.1396	315-1	0.9
315	0.	DIS47	-0.0816	315-1	0.
315	0.45	DIS47	0.0653	315-1	0.45
315	0.9	DIS47	-0.0813	315-1	0.9
315	0.	DIS48	-0.0816	315-1	0.
315	0.45	DIS48	0.0653	315-1	0.45
315	0.9	DIS48	-0.0813	315-1	0.9
315	0.	DIS49	-0.0734	315-1	0.
315	0.45	DIS49	0.0756	315-1	0.45
315	0.9	DIS49	-0.0688	315-1	0.9
315	0.	DIS50	-0.0898	315-1	0.
315	0.45	DIS50	0.055	315-1	0.45
315	0.9	DIS50	-0.0937	315-1	0.9
315	0.	DIS51	-0.1003	315-1	0.
315	0.45	DIS51	0.0799	315-1	0.45
315	0.9	DIS51	-0.0999	315-1	0.9
315	0.	DIS52	-0.1003	315-1	0.
315	0.45	DIS52	0.0799	315-1	0.45
315	0.9	DIS52	-0.0999	315-1	0.9
315	0.	DIS53	-0.1198	315-1	0.
315	0.45	DIS53	0.0953	315-1	0.45
315	0.9	DIS53	-0.1193	315-1	0.9
315	0.	DIS54	-0.0612	315-1	0.
315	0.45	DIS54	0.049	315-1	0.45
315	0.9	DIS54	-0.0609	315-1	0.9
315	0.	DIS55	-0.0612	315-1	0.
315	0.45	DIS55	0.049	315-1	0.45
315	0.9	DIS55	-0.0609	315-1	0.9
315	0.	DIS56	-0.0551	315-1	0.
315	0.45	DIS56	0.0567	315-1	0.45
315	0.9	DIS56	-0.0516	315-1	0.9
315	0.	DIS57	-0.0674	315-1	0.
315	0.45	DIS57	0.0412	315-1	0.45
315	0.9	DIS57	-0.0703	315-1	0.9
316	0.	DEAD	-0.0679	316-1	0.
316	0.45	DEAD	0.0553	316-1	0.45
316	0.9	DEAD	-0.0661	316-1	0.9
316	0.	L	0.	316-1	0.
316	0.45	L	0.	316-1	0.45
316	0.9	L	0.	316-1	0.9
316	0.	Lr	-0.0692	316-1	0.
316	0.45	Lr	0.0557	316-1	0.45
316	0.9	Lr	-0.0675	316-1	0.9
316	0.	G	0.	316-1	0.
316	0.45	G	0.	316-1	0.45
316	0.9	G	0.	316-1	0.9
316	0.	Le	0.	316-1	0.
316	0.45	Le	0.	316-1	0.45
316	0.9	Le	0.	316-1	0.9
316	0.	Wx	-0.039	316-1	0.
316	0.45	Wx	0.0314	316-1	0.45
316	0.9	Wx	-0.038	316-1	0.9
316	0.	Wy	-0.039	316-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
316	0.45	Wy	0.0314	316-1	0.45
316	0.9	Wy	-0.038	316-1	0.9
316	0.	CFx D	3.050E-06	316-1	0.
316	0.45	CFx D	2.896E-06	316-1	0.45
316	0.9	CFx D	2.743E-06	316-1	0.9
316	0.	CFy D	0.0098	316-1	0.
316	0.45	CFy D	0.008	316-1	0.45
316	0.9	CFy D	0.0062	316-1	0.9
316	0.	CFx L	0.	316-1	0.
316	0.45	CFx L	0.	316-1	0.45
316	0.9	CFx L	0.	316-1	0.9
316	0.	CFy L	0.	316-1	0.
316	0.45	CFy L	0.	316-1	0.45
316	0.9	CFy L	0.	316-1	0.9
316	0.	CFx Lr	3.377E-06	316-1	0.
316	0.45	CFx Lr	2.852E-06	316-1	0.45
316	0.9	CFx Lr	2.328E-06	316-1	0.9
316	0.	CFy Lr	0.0117	316-1	0.
316	0.45	CFy Lr	0.0082	316-1	0.45
316	0.9	CFy Lr	0.0047	316-1	0.9
316	0.	DIS01	-0.095	316-1	0.
316	0.45	DIS01	0.0774	316-1	0.45
316	0.9	DIS01	-0.0925	316-1	0.9
316	0.	DIS02	-0.095	316-1	0.
316	0.45	DIS02	0.0774	316-1	0.45
316	0.9	DIS02	-0.0925	316-1	0.9
316	0.	DIS03	-0.0813	316-1	0.
316	0.45	DIS03	0.0887	316-1	0.45
316	0.9	DIS03	-0.0838	316-1	0.9
316	0.	DIS04	-0.1087	316-1	0.
316	0.45	DIS04	0.0662	316-1	0.45
316	0.9	DIS04	-0.1013	316-1	0.9
316	0.	DIS05	-0.1161	316-1	0.
316	0.45	DIS05	0.0942	316-1	0.45
316	0.9	DIS05	-0.113	316-1	0.9
316	0.	DIS06	-0.1161	316-1	0.
316	0.45	DIS06	0.0942	316-1	0.45
316	0.9	DIS06	-0.113	316-1	0.9
316	0.	DIS07	-0.0985	316-1	0.
316	0.45	DIS07	0.1079	316-1	0.45
316	0.9	DIS07	-0.1032	316-1	0.9
316	0.	DIS08	-0.1336	316-1	0.
316	0.45	DIS08	0.0805	316-1	0.45
316	0.9	DIS08	-0.1229	316-1	0.9
316	0.	DIS09	-0.0814	316-1	0.
316	0.45	DIS09	0.0664	316-1	0.45
316	0.9	DIS09	-0.0793	316-1	0.9
316	0.	DIS10	-0.0814	316-1	0.
316	0.45	DIS10	0.0664	316-1	0.45
316	0.9	DIS10	-0.0793	316-1	0.9
316	0.	DIS11	-0.0697	316-1	0.
316	0.45	DIS11	0.076	316-1	0.45
316	0.9	DIS11	-0.0718	316-1	0.9
316	0.	DIS12	-0.0932	316-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
316	0.45	DIS12	0.0568	316-1	0.45
316	0.9	DIS12	-0.0868	316-1	0.9
316	0.	DIS13	-0.0814	316-1	0.
316	0.45	DIS13	0.0664	316-1	0.45
316	0.9	DIS13	-0.0793	316-1	0.9
316	0.	DIS14	-0.0814	316-1	0.
316	0.45	DIS14	0.0664	316-1	0.45
316	0.9	DIS14	-0.0793	316-1	0.9
316	0.	DIS15	-0.0697	316-1	0.
316	0.45	DIS15	0.076	316-1	0.45
316	0.9	DIS15	-0.0718	316-1	0.9
316	0.	DIS16	-0.0932	316-1	0.
316	0.45	DIS16	0.0568	316-1	0.45
316	0.9	DIS16	-0.0868	316-1	0.9
316	0.	DIS17	-0.1922	316-1	0.
316	0.45	DIS17	0.1555	316-1	0.45
316	0.9	DIS17	-0.1872	316-1	0.9
316	0.	DIS18	-0.1922	316-1	0.
316	0.45	DIS18	0.1555	316-1	0.45
316	0.9	DIS18	-0.1873	316-1	0.9
316	0.	DIS19	-0.1617	316-1	0.
316	0.45	DIS19	0.1782	316-1	0.45
316	0.9	DIS19	-0.1722	316-1	0.9
316	0.	DIS20	-0.2227	316-1	0.
316	0.45	DIS20	0.1327	316-1	0.45
316	0.9	DIS20	-0.2022	316-1	0.9
316	0.	DIS21	-0.0814	316-1	0.
316	0.45	DIS21	0.0664	316-1	0.45
316	0.9	DIS21	-0.0793	316-1	0.9
316	0.	DIS22	-0.0814	316-1	0.
316	0.45	DIS22	0.0664	316-1	0.45
316	0.9	DIS22	-0.0793	316-1	0.9
316	0.	DIS23	-0.0697	316-1	0.
316	0.45	DIS23	0.076	316-1	0.45
316	0.9	DIS23	-0.0718	316-1	0.9
316	0.	DIS24	-0.0932	316-1	0.
316	0.45	DIS24	0.0568	316-1	0.45
316	0.9	DIS24	-0.0868	316-1	0.9
316	0.	DIS25	-0.0814	316-1	0.
316	0.45	DIS25	0.0664	316-1	0.45
316	0.9	DIS25	-0.0793	316-1	0.9
316	0.	DIS26	-0.0814	316-1	0.
316	0.45	DIS26	0.0664	316-1	0.45
316	0.9	DIS26	-0.0793	316-1	0.9
316	0.	DIS27	-0.0697	316-1	0.
316	0.45	DIS27	0.076	316-1	0.45
316	0.9	DIS27	-0.0718	316-1	0.9
316	0.	DIS28	-0.0932	316-1	0.
316	0.45	DIS28	0.0568	316-1	0.45
316	0.9	DIS28	-0.0868	316-1	0.9
316	0.	DIS29	-0.2117	316-1	0.
316	0.45	DIS29	0.1712	316-1	0.45
316	0.9	DIS29	-0.2062	316-1	0.9
316	0.	DIS30	-0.2117	316-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
316	0.45	DIS30	0.1712	316-1	0.45
316	0.9	DIS30	-0.2062	316-1	0.9
316	0.	DIS31	-0.2218	316-1	0.
316	0.45	DIS31	0.1793	316-1	0.45
316	0.9	DIS31	-0.2161	316-1	0.9
316	0.	DIS32	-0.1009	316-1	0.
316	0.45	DIS32	0.0821	316-1	0.45
316	0.9	DIS32	-0.0983	316-1	0.9
316	0.	DIS33	-0.1009	316-1	0.
316	0.45	DIS33	0.0821	316-1	0.45
316	0.9	DIS33	-0.0983	316-1	0.9
316	0.	DIS34	-0.1111	316-1	0.
316	0.45	DIS34	0.0902	316-1	0.45
316	0.9	DIS34	-0.1082	316-1	0.9
316	0.	DIS35	-0.1009	316-1	0.
316	0.45	DIS35	0.0821	316-1	0.45
316	0.9	DIS35	-0.0983	316-1	0.9
316	0.	DIS36	-0.1009	316-1	0.
316	0.45	DIS36	0.0821	316-1	0.45
316	0.9	DIS36	-0.0983	316-1	0.9
316	0.	DIS37	-0.1111	316-1	0.
316	0.45	DIS37	0.0902	316-1	0.45
316	0.9	DIS37	-0.1082	316-1	0.9
316	0.	DIS38	-0.1551	316-1	0.
316	0.45	DIS38	0.1256	316-1	0.45
316	0.9	DIS38	-0.151	316-1	0.9
316	0.	DIS39	-0.1551	316-1	0.
316	0.45	DIS39	0.1256	316-1	0.45
316	0.9	DIS39	-0.151	316-1	0.9
316	0.	DIS40	-0.1746	316-1	0.
316	0.45	DIS40	0.1413	316-1	0.45
316	0.9	DIS40	-0.17	316-1	0.9
316	0.	DIS41	-0.1204	316-1	0.
316	0.45	DIS41	0.0977	316-1	0.45
316	0.9	DIS41	-0.1173	316-1	0.9
316	0.	DIS42	-0.1204	316-1	0.
316	0.45	DIS42	0.0977	316-1	0.45
316	0.9	DIS42	-0.1173	316-1	0.9
316	0.	DIS43	-0.1399	316-1	0.
316	0.45	DIS43	0.1134	316-1	0.45
316	0.9	DIS43	-0.1363	316-1	0.9
316	0.	DIS44	-0.1204	316-1	0.
316	0.45	DIS44	0.0977	316-1	0.45
316	0.9	DIS44	-0.1173	316-1	0.9
316	0.	DIS45	-0.1204	316-1	0.
316	0.45	DIS45	0.0977	316-1	0.45
316	0.9	DIS45	-0.1173	316-1	0.9
316	0.	DIS46	-0.1399	316-1	0.
316	0.45	DIS46	0.1134	316-1	0.45
316	0.9	DIS46	-0.1363	316-1	0.9
316	0.	DIS47	-0.0814	316-1	0.
316	0.45	DIS47	0.0664	316-1	0.45
316	0.9	DIS47	-0.0793	316-1	0.9
316	0.	DIS48	-0.0814	316-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
316	0.45	DIS48	0.0664	316-1	0.45
316	0.9	DIS48	-0.0793	316-1	0.9
316	0.	DIS49	-0.0697	316-1	0.
316	0.45	DIS49	0.076	316-1	0.45
316	0.9	DIS49	-0.0718	316-1	0.9
316	0.	DIS50	-0.0932	316-1	0.
316	0.45	DIS50	0.0568	316-1	0.45
316	0.9	DIS50	-0.0868	316-1	0.9
316	0.	DIS51	-0.1001	316-1	0.
316	0.45	DIS51	0.0811	316-1	0.45
316	0.9	DIS51	-0.0975	316-1	0.9
316	0.	DIS52	-0.1001	316-1	0.
316	0.45	DIS52	0.0811	316-1	0.45
316	0.9	DIS52	-0.0975	316-1	0.9
316	0.	DIS53	-0.1196	316-1	0.
316	0.45	DIS53	0.0968	316-1	0.45
316	0.9	DIS53	-0.1165	316-1	0.9
316	0.	DIS54	-0.0611	316-1	0.
316	0.45	DIS54	0.0498	316-1	0.45
316	0.9	DIS54	-0.0595	316-1	0.9
316	0.	DIS55	-0.0611	316-1	0.
316	0.45	DIS55	0.0498	316-1	0.45
316	0.9	DIS55	-0.0595	316-1	0.9
316	0.	DIS56	-0.0523	316-1	0.
316	0.45	DIS56	0.057	316-1	0.45
316	0.9	DIS56	-0.0539	316-1	0.9
316	0.	DIS57	-0.0699	316-1	0.
316	0.45	DIS57	0.0426	316-1	0.45
316	0.9	DIS57	-0.0651	316-1	0.9
318	0.	DEAD	-0.0661	318-1	0.
318	0.45	DEAD	0.0553	318-1	0.45
318	0.9	DEAD	-0.0679	318-1	0.9
318	0.	L	0.	318-1	0.
318	0.45	L	0.	318-1	0.45
318	0.9	L	0.	318-1	0.9
318	0.	Lr	-0.0675	318-1	0.
318	0.45	Lr	0.0557	318-1	0.45
318	0.9	Lr	-0.0692	318-1	0.9
318	0.	G	0.	318-1	0.
318	0.45	G	0.	318-1	0.45
318	0.9	G	0.	318-1	0.9
318	0.	Le	0.	318-1	0.
318	0.45	Le	0.	318-1	0.45
318	0.9	Le	0.	318-1	0.9
318	0.	Wx	-0.038	318-1	0.
318	0.45	Wx	0.0314	318-1	0.45
318	0.9	Wx	-0.039	318-1	0.9
318	0.	Wy	-0.038	318-1	0.
318	0.45	Wy	0.0314	318-1	0.45
318	0.9	Wy	-0.039	318-1	0.9
318	0.	CFx D	2.351E-06	318-1	0.
318	0.45	CFx D	2.236E-06	318-1	0.45
318	0.9	CFx D	2.121E-06	318-1	0.9
318	0.	CFy D	0.0078	318-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
318	0.45	CFy D	0.0078	318-1	0.45
318	0.9	CFy D	0.0078	318-1	0.9
318	0.	CFx L	0.	318-1	0.
318	0.45	CFx L	0.	318-1	0.45
318	0.9	CFx L	0.	318-1	0.9
318	0.	CFy L	0.	318-1	0.
318	0.45	CFy L	0.	318-1	0.45
318	0.9	CFy L	0.	318-1	0.9
318	0.	CFx Lr	2.689E-06	318-1	0.
318	0.45	CFx Lr	2.203E-06	318-1	0.45
318	0.9	CFx Lr	1.716E-06	318-1	0.9
318	0.	CFy Lr	0.0059	318-1	0.
318	0.45	CFy Lr	0.0041	318-1	0.45
318	0.9	CFy Lr	0.0023	318-1	0.9
318	0.	DIS01	-0.0925	318-1	0.
318	0.45	DIS01	0.0774	318-1	0.45
318	0.9	DIS01	-0.095	318-1	0.9
318	0.	DIS02	-0.0925	318-1	0.
318	0.45	DIS02	0.0774	318-1	0.45
318	0.9	DIS02	-0.095	318-1	0.9
318	0.	DIS03	-0.0816	318-1	0.
318	0.45	DIS03	0.0884	318-1	0.45
318	0.9	DIS03	-0.0841	318-1	0.9
318	0.	DIS04	-0.1035	318-1	0.
318	0.45	DIS04	0.0665	318-1	0.45
318	0.9	DIS04	-0.106	318-1	0.9
318	0.	DIS05	-0.113	318-1	0.
318	0.45	DIS05	0.0942	318-1	0.45
318	0.9	DIS05	-0.1161	318-1	0.9
318	0.	DIS06	-0.113	318-1	0.
318	0.45	DIS06	0.0942	318-1	0.45
318	0.9	DIS06	-0.1161	318-1	0.9
318	0.	DIS07	-0.1007	318-1	0.
318	0.45	DIS07	0.1056	318-1	0.45
318	0.9	DIS07	-0.1055	318-1	0.9
318	0.	DIS08	-0.1253	318-1	0.
318	0.45	DIS08	0.0828	318-1	0.45
318	0.9	DIS08	-0.1266	318-1	0.9
318	0.	DIS09	-0.0793	318-1	0.
318	0.45	DIS09	0.0664	318-1	0.45
318	0.9	DIS09	-0.0814	318-1	0.9
318	0.	DIS10	-0.0793	318-1	0.
318	0.45	DIS10	0.0664	318-1	0.45
318	0.9	DIS10	-0.0814	318-1	0.9
318	0.	DIS11	-0.0699	318-1	0.
318	0.45	DIS11	0.0758	318-1	0.45
318	0.9	DIS11	-0.0721	318-1	0.9
318	0.	DIS12	-0.0887	318-1	0.
318	0.45	DIS12	0.057	318-1	0.45
318	0.9	DIS12	-0.0908	318-1	0.9
318	0.	DIS13	-0.0793	318-1	0.
318	0.45	DIS13	0.0664	318-1	0.45
318	0.9	DIS13	-0.0814	318-1	0.9
318	0.	DIS14	-0.0793	318-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
318	0.45	DIS14	0.0664	318-1	0.45
318	0.9	DIS14	-0.0814	318-1	0.9
318	0.	DIS15	-0.0699	318-1	0.
318	0.45	DIS15	0.0758	318-1	0.45
318	0.9	DIS15	-0.0721	318-1	0.9
318	0.	DIS16	-0.0887	318-1	0.
318	0.45	DIS16	0.057	318-1	0.45
318	0.9	DIS16	-0.0908	318-1	0.9
318	0.	DIS17	-0.1872	318-1	0.
318	0.45	DIS17	0.1555	318-1	0.45
318	0.9	DIS17	-0.1922	318-1	0.9
318	0.	DIS18	-0.1873	318-1	0.
318	0.45	DIS18	0.1555	318-1	0.45
318	0.9	DIS18	-0.1922	318-1	0.9
318	0.	DIS19	-0.1685	318-1	0.
318	0.45	DIS19	0.1714	318-1	0.45
318	0.9	DIS19	-0.1791	318-1	0.9
318	0.	DIS20	-0.206	318-1	0.
318	0.45	DIS20	0.1395	318-1	0.45
318	0.9	DIS20	-0.2053	318-1	0.9
318	0.	DIS21	-0.0793	318-1	0.
318	0.45	DIS21	0.0664	318-1	0.45
318	0.9	DIS21	-0.0814	318-1	0.9
318	0.	DIS22	-0.0793	318-1	0.
318	0.45	DIS22	0.0664	318-1	0.45
318	0.9	DIS22	-0.0814	318-1	0.9
318	0.	DIS23	-0.0699	318-1	0.
318	0.45	DIS23	0.0758	318-1	0.45
318	0.9	DIS23	-0.0721	318-1	0.9
318	0.	DIS24	-0.0887	318-1	0.
318	0.45	DIS24	0.057	318-1	0.45
318	0.9	DIS24	-0.0908	318-1	0.9
318	0.	DIS25	-0.0793	318-1	0.
318	0.45	DIS25	0.0664	318-1	0.45
318	0.9	DIS25	-0.0814	318-1	0.9
318	0.	DIS26	-0.0793	318-1	0.
318	0.45	DIS26	0.0664	318-1	0.45
318	0.9	DIS26	-0.0814	318-1	0.9
318	0.	DIS27	-0.0699	318-1	0.
318	0.45	DIS27	0.0758	318-1	0.45
318	0.9	DIS27	-0.0721	318-1	0.9
318	0.	DIS28	-0.0887	318-1	0.
318	0.45	DIS28	0.057	318-1	0.45
318	0.9	DIS28	-0.0908	318-1	0.9
318	0.	DIS29	-0.2062	318-1	0.
318	0.45	DIS29	0.1712	318-1	0.45
318	0.9	DIS29	-0.2117	318-1	0.9
318	0.	DIS30	-0.2062	318-1	0.
318	0.45	DIS30	0.1712	318-1	0.45
318	0.9	DIS30	-0.2117	318-1	0.9
318	0.	DIS31	-0.2161	318-1	0.
318	0.45	DIS31	0.1793	318-1	0.45
318	0.9	DIS31	-0.2218	318-1	0.9
318	0.	DIS32	-0.0983	318-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
318	0.45	DIS32	0.0821	318-1	0.45
318	0.9	DIS32	-0.1009	318-1	0.9
318	0.	DIS33	-0.0983	318-1	0.
318	0.45	DIS33	0.0821	318-1	0.45
318	0.9	DIS33	-0.1009	318-1	0.9
318	0.	DIS34	-0.1082	318-1	0.
318	0.45	DIS34	0.0902	318-1	0.45
318	0.9	DIS34	-0.1111	318-1	0.9
318	0.	DIS35	-0.0983	318-1	0.
318	0.45	DIS35	0.0821	318-1	0.45
318	0.9	DIS35	-0.1009	318-1	0.9
318	0.	DIS36	-0.0983	318-1	0.
318	0.45	DIS36	0.0821	318-1	0.45
318	0.9	DIS36	-0.1009	318-1	0.9
318	0.	DIS37	-0.1082	318-1	0.
318	0.45	DIS37	0.0902	318-1	0.45
318	0.9	DIS37	-0.1111	318-1	0.9
318	0.	DIS38	-0.151	318-1	0.
318	0.45	DIS38	0.1256	318-1	0.45
318	0.9	DIS38	-0.1551	318-1	0.9
318	0.	DIS39	-0.151	318-1	0.
318	0.45	DIS39	0.1256	318-1	0.45
318	0.9	DIS39	-0.1551	318-1	0.9
318	0.	DIS40	-0.17	318-1	0.
318	0.45	DIS40	0.1413	318-1	0.45
318	0.9	DIS40	-0.1746	318-1	0.9
318	0.	DIS41	-0.1173	318-1	0.
318	0.45	DIS41	0.0977	318-1	0.45
318	0.9	DIS41	-0.1204	318-1	0.9
318	0.	DIS42	-0.1173	318-1	0.
318	0.45	DIS42	0.0977	318-1	0.45
318	0.9	DIS42	-0.1204	318-1	0.9
318	0.	DIS43	-0.1363	318-1	0.
318	0.45	DIS43	0.1134	318-1	0.45
318	0.9	DIS43	-0.1399	318-1	0.9
318	0.	DIS44	-0.1173	318-1	0.
318	0.45	DIS44	0.0977	318-1	0.45
318	0.9	DIS44	-0.1204	318-1	0.9
318	0.	DIS45	-0.1173	318-1	0.
318	0.45	DIS45	0.0977	318-1	0.45
318	0.9	DIS45	-0.1204	318-1	0.9
318	0.	DIS46	-0.1363	318-1	0.
318	0.45	DIS46	0.1134	318-1	0.45
318	0.9	DIS46	-0.1399	318-1	0.9
318	0.	DIS47	-0.0793	318-1	0.
318	0.45	DIS47	0.0664	318-1	0.45
318	0.9	DIS47	-0.0814	318-1	0.9
318	0.	DIS48	-0.0793	318-1	0.
318	0.45	DIS48	0.0664	318-1	0.45
318	0.9	DIS48	-0.0814	318-1	0.9
318	0.	DIS49	-0.0699	318-1	0.
318	0.45	DIS49	0.0758	318-1	0.45
318	0.9	DIS49	-0.0721	318-1	0.9
318	0.	DIS50	-0.0887	318-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
318	0.45	DIS50	0.057	318-1	0.45
318	0.9	DIS50	-0.0908	318-1	0.9
318	0.	DIS51	-0.0975	318-1	0.
318	0.45	DIS51	0.0811	318-1	0.45
318	0.9	DIS51	-0.1001	318-1	0.9
318	0.	DIS52	-0.0975	318-1	0.
318	0.45	DIS52	0.0811	318-1	0.45
318	0.9	DIS52	-0.1001	318-1	0.9
318	0.	DIS53	-0.1165	318-1	0.
318	0.45	DIS53	0.0968	318-1	0.45
318	0.9	DIS53	-0.1196	318-1	0.9
318	0.	DIS54	-0.0595	318-1	0.
318	0.45	DIS54	0.0498	318-1	0.45
318	0.9	DIS54	-0.0611	318-1	0.9
318	0.	DIS55	-0.0595	318-1	0.
318	0.45	DIS55	0.0498	318-1	0.45
318	0.9	DIS55	-0.0611	318-1	0.9
318	0.	DIS56	-0.0525	318-1	0.
318	0.45	DIS56	0.0568	318-1	0.45
318	0.9	DIS56	-0.0541	318-1	0.9
318	0.	DIS57	-0.0665	318-1	0.
318	0.45	DIS57	0.0428	318-1	0.45
318	0.9	DIS57	-0.0681	318-1	0.9
31B	0.	DEAD	-0.0677	31B-1	0.
31B	0.45	DEAD	0.0544	31B-1	0.45
31B	0.9	DEAD	-0.068	31B-1	0.9
31B	0.	L	0.	31B-1	0.
31B	0.45	L	0.	31B-1	0.45
31B	0.9	L	0.	31B-1	0.9
31B	0.	Lr	-0.0691	31B-1	0.
31B	0.45	Lr	0.0548	31B-1	0.45
31B	0.9	Lr	-0.0693	31B-1	0.9
31B	0.	G	0.	31B-1	0.
31B	0.45	G	0.	31B-1	0.45
31B	0.9	G	0.	31B-1	0.9
31B	0.	Le	0.	31B-1	0.
31B	0.45	Le	0.	31B-1	0.45
31B	0.9	Le	0.	31B-1	0.9
31B	0.	Wx	-0.0389	31B-1	0.
31B	0.45	Wx	0.0309	31B-1	0.45
31B	0.9	Wx	-0.039	31B-1	0.9
31B	0.	Wy	-0.0389	31B-1	0.
31B	0.45	Wy	0.0309	31B-1	0.45
31B	0.9	Wy	-0.039	31B-1	0.9
31B	0.	CFx D	1.728E-06	31B-1	0.
31B	0.45	CFx D	1.594E-06	31B-1	0.45
31B	0.9	CFx D	1.460E-06	31B-1	0.9
31B	0.	CFy D	0.0078	31B-1	0.
31B	0.45	CFy D	0.0078	31B-1	0.45
31B	0.9	CFy D	0.0078	31B-1	0.9
31B	0.	CFx L	0.	31B-1	0.
31B	0.45	CFx L	0.	31B-1	0.45
31B	0.9	CFx L	0.	31B-1	0.9
31B	0.	CFy L	0.	31B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31B	0.45	CFy L	0.	31B-1	0.45
31B	0.9	CFy L	0.	31B-1	0.9
31B	0.	CFx Lr	2.077E-06	31B-1	0.
31B	0.45	CFx Lr	1.568E-06	31B-1	0.45
31B	0.9	CFx Lr	1.059E-06	31B-1	0.9
31B	0.	CFy Lr	0.0078	31B-1	0.
31B	0.45	CFy Lr	0.0061	31B-1	0.45
31B	0.9	CFy Lr	0.0043	31B-1	0.9
31B	0.	DIS01	-0.0948	31B-1	0.
31B	0.45	DIS01	0.0762	31B-1	0.45
31B	0.9	DIS01	-0.0952	31B-1	0.9
31B	0.	DIS02	-0.0948	31B-1	0.
31B	0.45	DIS02	0.0762	31B-1	0.45
31B	0.9	DIS02	-0.0952	31B-1	0.9
31B	0.	DIS03	-0.0839	31B-1	0.
31B	0.45	DIS03	0.0871	31B-1	0.45
31B	0.9	DIS03	-0.0843	31B-1	0.9
31B	0.	DIS04	-0.1057	31B-1	0.
31B	0.45	DIS04	0.0653	31B-1	0.45
31B	0.9	DIS04	-0.1062	31B-1	0.9
31B	0.	DIS05	-0.1158	31B-1	0.
31B	0.45	DIS05	0.0927	31B-1	0.45
31B	0.9	DIS05	-0.1163	31B-1	0.9
31B	0.	DIS06	-0.1158	31B-1	0.
31B	0.45	DIS06	0.0927	31B-1	0.45
31B	0.9	DIS06	-0.1163	31B-1	0.9
31B	0.	DIS07	-0.1025	31B-1	0.
31B	0.45	DIS07	0.1051	31B-1	0.45
31B	0.9	DIS07	-0.1048	31B-1	0.9
31B	0.	DIS08	-0.1291	31B-1	0.
31B	0.45	DIS08	0.0803	31B-1	0.45
31B	0.9	DIS08	-0.1278	31B-1	0.9
31B	0.	DIS09	-0.0813	31B-1	0.
31B	0.45	DIS09	0.0653	31B-1	0.45
31B	0.9	DIS09	-0.0816	31B-1	0.9
31B	0.	DIS10	-0.0813	31B-1	0.
31B	0.45	DIS10	0.0653	31B-1	0.45
31B	0.9	DIS10	-0.0816	31B-1	0.9
31B	0.	DIS11	-0.0719	31B-1	0.
31B	0.45	DIS11	0.0747	31B-1	0.45
31B	0.9	DIS11	-0.0723	31B-1	0.9
31B	0.	DIS12	-0.0906	31B-1	0.
31B	0.45	DIS12	0.0559	31B-1	0.45
31B	0.9	DIS12	-0.091	31B-1	0.9
31B	0.	DIS13	-0.0813	31B-1	0.
31B	0.45	DIS13	0.0653	31B-1	0.45
31B	0.9	DIS13	-0.0816	31B-1	0.9
31B	0.	DIS14	-0.0813	31B-1	0.
31B	0.45	DIS14	0.0653	31B-1	0.45
31B	0.9	DIS14	-0.0816	31B-1	0.9
31B	0.	DIS15	-0.0719	31B-1	0.
31B	0.45	DIS15	0.0747	31B-1	0.45
31B	0.9	DIS15	-0.0723	31B-1	0.9
31B	0.	DIS16	-0.0906	31B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31B	0.45	DIS16	0.0559	31B-1	0.45
31B	0.9	DIS16	-0.091	31B-1	0.9
31B	0.	DIS17	-0.1918	31B-1	0.
31B	0.45	DIS17	0.153	31B-1	0.45
31B	0.9	DIS17	-0.1925	31B-1	0.9
31B	0.	DIS18	-0.1918	31B-1	0.
31B	0.45	DIS18	0.153	31B-1	0.45
31B	0.9	DIS18	-0.1926	31B-1	0.9
31B	0.	DIS19	-0.1699	31B-1	0.
31B	0.45	DIS19	0.1721	31B-1	0.45
31B	0.9	DIS19	-0.1763	31B-1	0.9
31B	0.	DIS20	-0.2137	31B-1	0.
31B	0.45	DIS20	0.134	31B-1	0.45
31B	0.9	DIS20	-0.2088	31B-1	0.9
31B	0.	DIS21	-0.0813	31B-1	0.
31B	0.45	DIS21	0.0653	31B-1	0.45
31B	0.9	DIS21	-0.0816	31B-1	0.9
31B	0.	DIS22	-0.0813	31B-1	0.
31B	0.45	DIS22	0.0653	31B-1	0.45
31B	0.9	DIS22	-0.0816	31B-1	0.9
31B	0.	DIS23	-0.0719	31B-1	0.
31B	0.45	DIS23	0.0747	31B-1	0.45
31B	0.9	DIS23	-0.0723	31B-1	0.9
31B	0.	DIS24	-0.0906	31B-1	0.
31B	0.45	DIS24	0.0559	31B-1	0.45
31B	0.9	DIS24	-0.091	31B-1	0.9
31B	0.	DIS25	-0.0813	31B-1	0.
31B	0.45	DIS25	0.0653	31B-1	0.45
31B	0.9	DIS25	-0.0816	31B-1	0.9
31B	0.	DIS26	-0.0813	31B-1	0.
31B	0.45	DIS26	0.0653	31B-1	0.45
31B	0.9	DIS26	-0.0816	31B-1	0.9
31B	0.	DIS27	-0.0719	31B-1	0.
31B	0.45	DIS27	0.0747	31B-1	0.45
31B	0.9	DIS27	-0.0723	31B-1	0.9
31B	0.	DIS28	-0.0906	31B-1	0.
31B	0.45	DIS28	0.0559	31B-1	0.45
31B	0.9	DIS28	-0.091	31B-1	0.9
31B	0.	DIS29	-0.2112	31B-1	0.
31B	0.45	DIS29	0.1685	31B-1	0.45
31B	0.9	DIS29	-0.2121	31B-1	0.9
31B	0.	DIS30	-0.2112	31B-1	0.
31B	0.45	DIS30	0.1685	31B-1	0.45
31B	0.9	DIS30	-0.2121	31B-1	0.9
31B	0.	DIS31	-0.2214	31B-1	0.
31B	0.45	DIS31	0.1765	31B-1	0.45
31B	0.9	DIS31	-0.2222	31B-1	0.9
31B	0.	DIS32	-0.1007	31B-1	0.
31B	0.45	DIS32	0.0807	31B-1	0.45
31B	0.9	DIS32	-0.1012	31B-1	0.9
31B	0.	DIS33	-0.1007	31B-1	0.
31B	0.45	DIS33	0.0807	31B-1	0.45
31B	0.9	DIS33	-0.1012	31B-1	0.9
31B	0.	DIS34	-0.1108	31B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31B	0.45	DIS34	0.0888	31B-1	0.45
31B	0.9	DIS34	-0.1113	31B-1	0.9
31B	0.	DIS35	-0.1007	31B-1	0.
31B	0.45	DIS35	0.0807	31B-1	0.45
31B	0.9	DIS35	-0.1012	31B-1	0.9
31B	0.	DIS36	-0.1007	31B-1	0.
31B	0.45	DIS36	0.0807	31B-1	0.45
31B	0.9	DIS36	-0.1012	31B-1	0.9
31B	0.	DIS37	-0.1108	31B-1	0.
31B	0.45	DIS37	0.0888	31B-1	0.45
31B	0.9	DIS37	-0.1113	31B-1	0.9
31B	0.	DIS38	-0.1547	31B-1	0.
31B	0.45	DIS38	0.1236	31B-1	0.45
31B	0.9	DIS38	-0.1553	31B-1	0.9
31B	0.	DIS39	-0.1547	31B-1	0.
31B	0.45	DIS39	0.1236	31B-1	0.45
31B	0.9	DIS39	-0.1553	31B-1	0.9
31B	0.	DIS40	-0.1742	31B-1	0.
31B	0.45	DIS40	0.139	31B-1	0.45
31B	0.9	DIS40	-0.1749	31B-1	0.9
31B	0.	DIS41	-0.1202	31B-1	0.
31B	0.45	DIS41	0.0962	31B-1	0.45
31B	0.9	DIS41	-0.1207	31B-1	0.9
31B	0.	DIS42	-0.1202	31B-1	0.
31B	0.45	DIS42	0.0962	31B-1	0.45
31B	0.9	DIS42	-0.1207	31B-1	0.9
31B	0.	DIS43	-0.1396	31B-1	0.
31B	0.45	DIS43	0.1116	31B-1	0.45
31B	0.9	DIS43	-0.1402	31B-1	0.9
31B	0.	DIS44	-0.1202	31B-1	0.
31B	0.45	DIS44	0.0962	31B-1	0.45
31B	0.9	DIS44	-0.1207	31B-1	0.9
31B	0.	DIS45	-0.1202	31B-1	0.
31B	0.45	DIS45	0.0962	31B-1	0.45
31B	0.9	DIS45	-0.1207	31B-1	0.9
31B	0.	DIS46	-0.1396	31B-1	0.
31B	0.45	DIS46	0.1116	31B-1	0.45
31B	0.9	DIS46	-0.1402	31B-1	0.9
31B	0.	DIS47	-0.0813	31B-1	0.
31B	0.45	DIS47	0.0653	31B-1	0.45
31B	0.9	DIS47	-0.0816	31B-1	0.9
31B	0.	DIS48	-0.0813	31B-1	0.
31B	0.45	DIS48	0.0653	31B-1	0.45
31B	0.9	DIS48	-0.0816	31B-1	0.9
31B	0.	DIS49	-0.0719	31B-1	0.
31B	0.45	DIS49	0.0747	31B-1	0.45
31B	0.9	DIS49	-0.0723	31B-1	0.9
31B	0.	DIS50	-0.0906	31B-1	0.
31B	0.45	DIS50	0.0559	31B-1	0.45
31B	0.9	DIS50	-0.091	31B-1	0.9
31B	0.	DIS51	-0.0999	31B-1	0.
31B	0.45	DIS51	0.0799	31B-1	0.45
31B	0.9	DIS51	-0.1003	31B-1	0.9
31B	0.	DIS52	-0.0999	31B-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31B	0.45	DIS52	0.0799	31B-1	0.45
31B	0.9	DIS52	-0.1003	31B-1	0.9
31B	0.	DIS53	-0.1193	31B-1	0.
31B	0.45	DIS53	0.0953	31B-1	0.45
31B	0.9	DIS53	-0.1198	31B-1	0.9
31B	0.	DIS54	-0.0609	31B-1	0.
31B	0.45	DIS54	0.049	31B-1	0.45
31B	0.9	DIS54	-0.0612	31B-1	0.9
31B	0.	DIS55	-0.0609	31B-1	0.
31B	0.45	DIS55	0.049	31B-1	0.45
31B	0.9	DIS55	-0.0612	31B-1	0.9
31B	0.	DIS56	-0.0539	31B-1	0.
31B	0.45	DIS56	0.056	31B-1	0.45
31B	0.9	DIS56	-0.0542	31B-1	0.9
31B	0.	DIS57	-0.068	31B-1	0.
31B	0.45	DIS57	0.0419	31B-1	0.45
31B	0.9	DIS57	-0.0683	31B-1	0.9
31D	0.	DEAD	-0.0664	31D-1	0.
31D	0.45	DEAD	0.0466	31D-1	0.45
31D	0.9	DEAD	-0.0849	31D-1	0.9
31D	0.	L	0.	31D-1	0.
31D	0.45	L	0.	31D-1	0.45
31D	0.9	L	0.	31D-1	0.9
31D	0.	Lr	-0.0677	31D-1	0.
31D	0.45	Lr	0.047	31D-1	0.45
31D	0.9	Lr	-0.0863	31D-1	0.9
31D	0.	G	0.	31D-1	0.
31D	0.45	G	0.	31D-1	0.45
31D	0.9	G	0.	31D-1	0.9
31D	0.	Le	0.	31D-1	0.
31D	0.45	Le	0.	31D-1	0.45
31D	0.9	Le	0.	31D-1	0.9
31D	0.	Wx	-0.0381	31D-1	0.
31D	0.45	Wx	0.0265	31D-1	0.45
31D	0.9	Wx	-0.0486	31D-1	0.9
31D	0.	Wy	-0.0381	31D-1	0.
31D	0.45	Wy	0.0265	31D-1	0.45
31D	0.9	Wy	-0.0486	31D-1	0.9
31D	0.	CFx D	1.054E-06	31D-1	0.
31D	0.45	CFx D	9.831E-07	31D-1	0.45
31D	0.9	CFx D	9.127E-07	31D-1	0.9
31D	0.	CFy D	0.0039	31D-1	0.
31D	0.45	CFy D	0.0021	31D-1	0.45
31D	0.9	CFy D	3.906E-04	31D-1	0.9
31D	0.	CFx L	0.	31D-1	0.
31D	0.45	CFx L	0.	31D-1	0.45
31D	0.9	CFx L	0.	31D-1	0.9
31D	0.	CFy L	0.	31D-1	0.
31D	0.45	CFy L	0.	31D-1	0.45
31D	0.9	CFy L	0.	31D-1	0.9
31D	0.	CFx Lr	1.404E-06	31D-1	0.
31D	0.45	CFx Lr	9.758E-07	31D-1	0.45
31D	0.9	CFx Lr	5.475E-07	31D-1	0.9
31D	0.	CFy Lr	0.0039	31D-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31D	0.45	CFy Lr	0.0021	31D-1	0.45
31D	0.9	CFy Lr	3.906E-04	31D-1	0.9
31D	0.	DIS01	-0.093	31D-1	0.
31D	0.45	DIS01	0.0653	31D-1	0.45
31D	0.9	DIS01	-0.1189	31D-1	0.9
31D	0.	DIS02	-0.093	31D-1	0.
31D	0.45	DIS02	0.0653	31D-1	0.45
31D	0.9	DIS02	-0.1189	31D-1	0.9
31D	0.	DIS03	-0.0875	31D-1	0.
31D	0.45	DIS03	0.0683	31D-1	0.45
31D	0.9	DIS03	-0.1183	31D-1	0.9
31D	0.	DIS04	-0.0984	31D-1	0.
31D	0.45	DIS04	0.0623	31D-1	0.45
31D	0.9	DIS04	-0.1194	31D-1	0.9
31D	0.	DIS05	-0.1135	31D-1	0.
31D	0.45	DIS05	0.0795	31D-1	0.45
31D	0.9	DIS05	-0.145	31D-1	0.9
31D	0.	DIS06	-0.1135	31D-1	0.
31D	0.45	DIS06	0.0795	31D-1	0.45
31D	0.9	DIS06	-0.145	31D-1	0.9
31D	0.	DIS07	-0.1069	31D-1	0.
31D	0.45	DIS07	0.0831	31D-1	0.45
31D	0.9	DIS07	-0.1444	31D-1	0.9
31D	0.	DIS08	-0.1202	31D-1	0.
31D	0.45	DIS08	0.0758	31D-1	0.45
31D	0.9	DIS08	-0.1457	31D-1	0.9
31D	0.	DIS09	-0.0797	31D-1	0.
31D	0.45	DIS09	0.056	31D-1	0.45
31D	0.9	DIS09	-0.1019	31D-1	0.9
31D	0.	DIS10	-0.0797	31D-1	0.
31D	0.45	DIS10	0.056	31D-1	0.45
31D	0.9	DIS10	-0.1019	31D-1	0.9
31D	0.	DIS11	-0.075	31D-1	0.
31D	0.45	DIS11	0.0585	31D-1	0.45
31D	0.9	DIS11	-0.1014	31D-1	0.9
31D	0.	DIS12	-0.0844	31D-1	0.
31D	0.45	DIS12	0.0534	31D-1	0.45
31D	0.9	DIS12	-0.1024	31D-1	0.9
31D	0.	DIS13	-0.0797	31D-1	0.
31D	0.45	DIS13	0.056	31D-1	0.45
31D	0.9	DIS13	-0.1019	31D-1	0.9
31D	0.	DIS14	-0.0797	31D-1	0.
31D	0.45	DIS14	0.056	31D-1	0.45
31D	0.9	DIS14	-0.1019	31D-1	0.9
31D	0.	DIS15	-0.075	31D-1	0.
31D	0.45	DIS15	0.0585	31D-1	0.45
31D	0.9	DIS15	-0.1014	31D-1	0.9
31D	0.	DIS16	-0.0844	31D-1	0.
31D	0.45	DIS16	0.0534	31D-1	0.45
31D	0.9	DIS16	-0.1024	31D-1	0.9
31D	0.	DIS17	-0.188	31D-1	0.
31D	0.45	DIS17	0.1312	31D-1	0.45
31D	0.9	DIS17	-0.2399	31D-1	0.9
31D	0.	DIS18	-0.188	31D-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31D	0.45	DIS18	0.1312	31D-1	0.45
31D	0.9	DIS18	-0.24	31D-1	0.9
31D	0.	DIS19	-0.177	31D-1	0.
31D	0.45	DIS19	0.1373	31D-1	0.45
31D	0.9	DIS19	-0.2389	31D-1	0.9
31D	0.	DIS20	-0.1989	31D-1	0.
31D	0.45	DIS20	0.1252	31D-1	0.45
31D	0.9	DIS20	-0.241	31D-1	0.9
31D	0.	DIS21	-0.0797	31D-1	0.
31D	0.45	DIS21	0.056	31D-1	0.45
31D	0.9	DIS21	-0.1019	31D-1	0.9
31D	0.	DIS22	-0.0797	31D-1	0.
31D	0.45	DIS22	0.056	31D-1	0.45
31D	0.9	DIS22	-0.1019	31D-1	0.9
31D	0.	DIS23	-0.075	31D-1	0.
31D	0.45	DIS23	0.0585	31D-1	0.45
31D	0.9	DIS23	-0.1014	31D-1	0.9
31D	0.	DIS24	-0.0844	31D-1	0.
31D	0.45	DIS24	0.0534	31D-1	0.45
31D	0.9	DIS24	-0.1024	31D-1	0.9
31D	0.	DIS25	-0.0797	31D-1	0.
31D	0.45	DIS25	0.056	31D-1	0.45
31D	0.9	DIS25	-0.1019	31D-1	0.9
31D	0.	DIS26	-0.0797	31D-1	0.
31D	0.45	DIS26	0.056	31D-1	0.45
31D	0.9	DIS26	-0.1019	31D-1	0.9
31D	0.	DIS27	-0.075	31D-1	0.
31D	0.45	DIS27	0.0585	31D-1	0.45
31D	0.9	DIS27	-0.1014	31D-1	0.9
31D	0.	DIS28	-0.0844	31D-1	0.
31D	0.45	DIS28	0.0534	31D-1	0.45
31D	0.9	DIS28	-0.1024	31D-1	0.9
31D	0.	DIS29	-0.2071	31D-1	0.
31D	0.45	DIS29	0.1445	31D-1	0.45
31D	0.9	DIS29	-0.2642	31D-1	0.9
31D	0.	DIS30	-0.2071	31D-1	0.
31D	0.45	DIS30	0.1445	31D-1	0.45
31D	0.9	DIS30	-0.2642	31D-1	0.9
31D	0.	DIS31	-0.217	31D-1	0.
31D	0.45	DIS31	0.1514	31D-1	0.45
31D	0.9	DIS31	-0.2769	31D-1	0.9
31D	0.	DIS32	-0.0987	31D-1	0.
31D	0.45	DIS32	0.0692	31D-1	0.45
31D	0.9	DIS32	-0.1262	31D-1	0.9
31D	0.	DIS33	-0.0987	31D-1	0.
31D	0.45	DIS33	0.0692	31D-1	0.45
31D	0.9	DIS33	-0.1262	31D-1	0.9
31D	0.	DIS34	-0.1087	31D-1	0.
31D	0.45	DIS34	0.0761	31D-1	0.45
31D	0.9	DIS34	-0.1388	31D-1	0.9
31D	0.	DIS35	-0.0987	31D-1	0.
31D	0.45	DIS35	0.0692	31D-1	0.45
31D	0.9	DIS35	-0.1262	31D-1	0.9
31D	0.	DIS36	-0.0987	31D-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31D	0.45	DIS36	0.0692	31D-1	0.45
31D	0.9	DIS36	-0.1262	31D-1	0.9
31D	0.	DIS37	-0.1087	31D-1	0.
31D	0.45	DIS37	0.0761	31D-1	0.45
31D	0.9	DIS37	-0.1388	31D-1	0.9
31D	0.	DIS38	-0.1517	31D-1	0.
31D	0.45	DIS38	0.106	31D-1	0.45
31D	0.9	DIS38	-0.1936	31D-1	0.9
31D	0.	DIS39	-0.1517	31D-1	0.
31D	0.45	DIS39	0.106	31D-1	0.45
31D	0.9	DIS39	-0.1936	31D-1	0.9
31D	0.	DIS40	-0.1707	31D-1	0.
31D	0.45	DIS40	0.1192	31D-1	0.45
31D	0.9	DIS40	-0.2179	31D-1	0.9
31D	0.	DIS41	-0.1178	31D-1	0.
31D	0.45	DIS41	0.0825	31D-1	0.45
31D	0.9	DIS41	-0.1505	31D-1	0.9
31D	0.	DIS42	-0.1178	31D-1	0.
31D	0.45	DIS42	0.0825	31D-1	0.45
31D	0.9	DIS42	-0.1505	31D-1	0.9
31D	0.	DIS43	-0.1369	31D-1	0.
31D	0.45	DIS43	0.0957	31D-1	0.45
31D	0.9	DIS43	-0.1748	31D-1	0.9
31D	0.	DIS44	-0.1178	31D-1	0.
31D	0.45	DIS44	0.0825	31D-1	0.45
31D	0.9	DIS44	-0.1505	31D-1	0.9
31D	0.	DIS45	-0.1178	31D-1	0.
31D	0.45	DIS45	0.0825	31D-1	0.45
31D	0.9	DIS45	-0.1505	31D-1	0.9
31D	0.	DIS46	-0.1369	31D-1	0.
31D	0.45	DIS46	0.0957	31D-1	0.45
31D	0.9	DIS46	-0.1748	31D-1	0.9
31D	0.	DIS47	-0.0797	31D-1	0.
31D	0.45	DIS47	0.056	31D-1	0.45
31D	0.9	DIS47	-0.1019	31D-1	0.9
31D	0.	DIS48	-0.0797	31D-1	0.
31D	0.45	DIS48	0.056	31D-1	0.45
31D	0.9	DIS48	-0.1019	31D-1	0.9
31D	0.	DIS49	-0.075	31D-1	0.
31D	0.45	DIS49	0.0585	31D-1	0.45
31D	0.9	DIS49	-0.1014	31D-1	0.9
31D	0.	DIS50	-0.0844	31D-1	0.
31D	0.45	DIS50	0.0534	31D-1	0.45
31D	0.9	DIS50	-0.1024	31D-1	0.9
31D	0.	DIS51	-0.0979	31D-1	0.
31D	0.45	DIS51	0.0685	31D-1	0.45
31D	0.9	DIS51	-0.125	31D-1	0.9
31D	0.	DIS52	-0.0979	31D-1	0.
31D	0.45	DIS52	0.0685	31D-1	0.45
31D	0.9	DIS52	-0.125	31D-1	0.9
31D	0.	DIS53	-0.117	31D-1	0.
31D	0.45	DIS53	0.0817	31D-1	0.45
31D	0.9	DIS53	-0.1493	31D-1	0.9
31D	0.	DIS54	-0.0598	31D-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31D	0.45	DIS54	0.042	31D-1	0.45
31D	0.9	DIS54	-0.0764	31D-1	0.9
31D	0.	DIS55	-0.0598	31D-1	0.
31D	0.45	DIS55	0.042	31D-1	0.45
31D	0.9	DIS55	-0.0764	31D-1	0.9
31D	0.	DIS56	-0.0562	31D-1	0.
31D	0.45	DIS56	0.0439	31D-1	0.45
31D	0.9	DIS56	-0.0761	31D-1	0.9
31D	0.	DIS57	-0.0633	31D-1	0.
31D	0.45	DIS57	0.04	31D-1	0.45
31D	0.9	DIS57	-0.0768	31D-1	0.9
31F	0.	DEAD	-0.0881	31F-1	0.
31F	0.45	DEAD	0.0621	31F-1	0.45
31F	0.9	DEAD	-0.0323	31F-1	0.9
31F	0.	L	0.	31F-1	0.
31F	0.45	L	0.	31F-1	0.45
31F	0.9	L	0.	31F-1	0.9
31F	0.	Lr	-0.0896	31F-1	0.
31F	0.45	Lr	0.0628	31F-1	0.45
31F	0.9	Lr	-0.0328	31F-1	0.9
31F	0.	G	0.	31F-1	0.
31F	0.45	G	0.	31F-1	0.45
31F	0.9	G	0.	31F-1	0.9
31F	0.	Le	0.	31F-1	0.
31F	0.45	Le	0.	31F-1	0.45
31F	0.9	Le	0.	31F-1	0.9
31F	0.	Wx	-0.0504	31F-1	0.
31F	0.45	Wx	0.0354	31F-1	0.45
31F	0.9	Wx	-0.0185	31F-1	0.9
31F	0.	Wy	-0.0504	31F-1	0.
31F	0.45	Wy	0.0354	31F-1	0.45
31F	0.9	Wy	-0.0185	31F-1	0.9
31F	0.	CFx D	5.780E-07	31F-1	0.
31F	0.45	CFx D	1.554E-07	31F-1	0.45
31F	0.9	CFx D	-2.671E-07	31F-1	0.9
31F	0.	CFy D	0.0059	31F-1	0.
31F	0.45	CFy D	0.0041	31F-1	0.45
31F	0.9	CFy D	0.0023	31F-1	0.9
31F	0.	CFx L	0.	31F-1	0.
31F	0.45	CFx L	0.	31F-1	0.45
31F	0.9	CFx L	0.	31F-1	0.9
31F	0.	CFy L	0.	31F-1	0.
31F	0.45	CFy L	0.	31F-1	0.45
31F	0.9	CFy L	0.	31F-1	0.9
31F	0.	CFx Lr	9.723E-07	31F-1	0.
31F	0.45	CFx Lr	1.135E-07	31F-1	0.45
31F	0.9	CFx Lr	-7.454E-07	31F-1	0.9
31F	0.	CFy Lr	0.	31F-1	0.
31F	0.45	CFy Lr	-0.0018	31F-1	0.45
31F	0.9	CFy Lr	-0.0035	31F-1	0.9
31F	0.	DIS01	-0.1233	31F-1	0.
31F	0.45	DIS01	0.0869	31F-1	0.45
31F	0.9	DIS01	-0.0452	31F-1	0.9
31F	0.	DIS02	-0.1233	31F-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31F	0.45	DIS02	0.0869	31F-1	0.45
31F	0.9	DIS02	-0.0452	31F-1	0.9
31F	0.	DIS03	-0.1151	31F-1	0.
31F	0.45	DIS03	0.0927	31F-1	0.45
31F	0.9	DIS03	-0.0419	31F-1	0.9
31F	0.	DIS04	-0.1315	31F-1	0.
31F	0.45	DIS04	0.0812	31F-1	0.45
31F	0.9	DIS04	-0.0485	31F-1	0.9
31F	0.	DIS05	-0.1505	31F-1	0.
31F	0.45	DIS05	0.1059	31F-1	0.45
31F	0.9	DIS05	-0.0552	31F-1	0.9
31F	0.	DIS06	-0.1505	31F-1	0.
31F	0.45	DIS06	0.1059	31F-1	0.45
31F	0.9	DIS06	-0.0552	31F-1	0.9
31F	0.	DIS07	-0.1435	31F-1	0.
31F	0.45	DIS07	0.11	31F-1	0.45
31F	0.9	DIS07	-0.0541	31F-1	0.9
31F	0.	DIS08	-0.1575	31F-1	0.
31F	0.45	DIS08	0.1019	31F-1	0.45
31F	0.9	DIS08	-0.0562	31F-1	0.9
31F	0.	DIS09	-0.1057	31F-1	0.
31F	0.45	DIS09	0.0745	31F-1	0.45
31F	0.9	DIS09	-0.0388	31F-1	0.9
31F	0.	DIS10	-0.1057	31F-1	0.
31F	0.45	DIS10	0.0745	31F-1	0.45
31F	0.9	DIS10	-0.0388	31F-1	0.9
31F	0.	DIS11	-0.0987	31F-1	0.
31F	0.45	DIS11	0.0794	31F-1	0.45
31F	0.9	DIS11	-0.0359	31F-1	0.9
31F	0.	DIS12	-0.1128	31F-1	0.
31F	0.45	DIS12	0.0696	31F-1	0.45
31F	0.9	DIS12	-0.0416	31F-1	0.9
31F	0.	DIS13	-0.1057	31F-1	0.
31F	0.45	DIS13	0.0745	31F-1	0.45
31F	0.9	DIS13	-0.0388	31F-1	0.9
31F	0.	DIS14	-0.1057	31F-1	0.
31F	0.45	DIS14	0.0745	31F-1	0.45
31F	0.9	DIS14	-0.0388	31F-1	0.9
31F	0.	DIS15	-0.0987	31F-1	0.
31F	0.45	DIS15	0.0794	31F-1	0.45
31F	0.9	DIS15	-0.0359	31F-1	0.9
31F	0.	DIS16	-0.1128	31F-1	0.
31F	0.45	DIS16	0.0696	31F-1	0.45
31F	0.9	DIS16	-0.0416	31F-1	0.9
31F	0.	DIS17	-0.249	31F-1	0.
31F	0.45	DIS17	0.1751	31F-1	0.45
31F	0.9	DIS17	-0.0913	31F-1	0.9
31F	0.	DIS18	-0.249	31F-1	0.
31F	0.45	DIS18	0.1751	31F-1	0.45
31F	0.9	DIS18	-0.0913	31F-1	0.9
31F	0.	DIS19	-0.242	31F-1	0.
31F	0.45	DIS19	0.1772	31F-1	0.45
31F	0.9	DIS19	-0.0941	31F-1	0.9
31F	0.	DIS20	-0.256	31F-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31F	0.45	DIS20	0.173	31F-1	0.45
31F	0.9	DIS20	-0.0885	31F-1	0.9
31F	0.	DIS21	-0.1057	31F-1	0.
31F	0.45	DIS21	0.0745	31F-1	0.45
31F	0.9	DIS21	-0.0388	31F-1	0.9
31F	0.	DIS22	-0.1057	31F-1	0.
31F	0.45	DIS22	0.0745	31F-1	0.45
31F	0.9	DIS22	-0.0388	31F-1	0.9
31F	0.	DIS23	-0.0987	31F-1	0.
31F	0.45	DIS23	0.0794	31F-1	0.45
31F	0.9	DIS23	-0.0359	31F-1	0.9
31F	0.	DIS24	-0.1128	31F-1	0.
31F	0.45	DIS24	0.0696	31F-1	0.45
31F	0.9	DIS24	-0.0416	31F-1	0.9
31F	0.	DIS25	-0.1057	31F-1	0.
31F	0.45	DIS25	0.0745	31F-1	0.45
31F	0.9	DIS25	-0.0388	31F-1	0.9
31F	0.	DIS26	-0.1057	31F-1	0.
31F	0.45	DIS26	0.0745	31F-1	0.45
31F	0.9	DIS26	-0.0388	31F-1	0.9
31F	0.	DIS27	-0.0987	31F-1	0.
31F	0.45	DIS27	0.0794	31F-1	0.45
31F	0.9	DIS27	-0.0359	31F-1	0.9
31F	0.	DIS28	-0.1128	31F-1	0.
31F	0.45	DIS28	0.0696	31F-1	0.45
31F	0.9	DIS28	-0.0416	31F-1	0.9
31F	0.	DIS29	-0.2742	31F-1	0.
31F	0.45	DIS29	0.1928	31F-1	0.45
31F	0.9	DIS29	-0.1005	31F-1	0.9
31F	0.	DIS30	-0.2742	31F-1	0.
31F	0.45	DIS30	0.1928	31F-1	0.45
31F	0.9	DIS30	-0.1005	31F-1	0.9
31F	0.	DIS31	-0.2873	31F-1	0.
31F	0.45	DIS31	0.202	31F-1	0.45
31F	0.9	DIS31	-0.1053	31F-1	0.9
31F	0.	DIS32	-0.1309	31F-1	0.
31F	0.45	DIS32	0.0922	31F-1	0.45
31F	0.9	DIS32	-0.048	31F-1	0.9
31F	0.	DIS33	-0.1309	31F-1	0.
31F	0.45	DIS33	0.0922	31F-1	0.45
31F	0.9	DIS33	-0.048	31F-1	0.9
31F	0.	DIS34	-0.1441	31F-1	0.
31F	0.45	DIS34	0.1014	31F-1	0.45
31F	0.9	DIS34	-0.0528	31F-1	0.9
31F	0.	DIS35	-0.1309	31F-1	0.
31F	0.45	DIS35	0.0922	31F-1	0.45
31F	0.9	DIS35	-0.048	31F-1	0.9
31F	0.	DIS36	-0.1309	31F-1	0.
31F	0.45	DIS36	0.0922	31F-1	0.45
31F	0.9	DIS36	-0.048	31F-1	0.9
31F	0.	DIS37	-0.1441	31F-1	0.
31F	0.45	DIS37	0.1014	31F-1	0.45
31F	0.9	DIS37	-0.0528	31F-1	0.9
31F	0.	DIS38	-0.2009	31F-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31F	0.45	DIS38	0.1413	31F-1	0.45
31F	0.9	DIS38	-0.0736	31F-1	0.9
31F	0.	DIS39	-0.2009	31F-1	0.
31F	0.45	DIS39	0.1413	31F-1	0.45
31F	0.9	DIS39	-0.0736	31F-1	0.9
31F	0.	DIS40	-0.2262	31F-1	0.
31F	0.45	DIS40	0.159	31F-1	0.45
31F	0.9	DIS40	-0.0829	31F-1	0.9
31F	0.	DIS41	-0.1562	31F-1	0.
31F	0.45	DIS41	0.1099	31F-1	0.45
31F	0.9	DIS41	-0.0572	31F-1	0.9
31F	0.	DIS42	-0.1562	31F-1	0.
31F	0.45	DIS42	0.1099	31F-1	0.45
31F	0.9	DIS42	-0.0572	31F-1	0.9
31F	0.	DIS43	-0.1814	31F-1	0.
31F	0.45	DIS43	0.1276	31F-1	0.45
31F	0.9	DIS43	-0.0665	31F-1	0.9
31F	0.	DIS44	-0.1562	31F-1	0.
31F	0.45	DIS44	0.1099	31F-1	0.45
31F	0.9	DIS44	-0.0572	31F-1	0.9
31F	0.	DIS45	-0.1562	31F-1	0.
31F	0.45	DIS45	0.1099	31F-1	0.45
31F	0.9	DIS45	-0.0572	31F-1	0.9
31F	0.	DIS46	-0.1814	31F-1	0.
31F	0.45	DIS46	0.1276	31F-1	0.45
31F	0.9	DIS46	-0.0665	31F-1	0.9
31F	0.	DIS47	-0.1057	31F-1	0.
31F	0.45	DIS47	0.0745	31F-1	0.45
31F	0.9	DIS47	-0.0388	31F-1	0.9
31F	0.	DIS48	-0.1057	31F-1	0.
31F	0.45	DIS48	0.0745	31F-1	0.45
31F	0.9	DIS48	-0.0388	31F-1	0.9
31F	0.	DIS49	-0.0987	31F-1	0.
31F	0.45	DIS49	0.0794	31F-1	0.45
31F	0.9	DIS49	-0.0359	31F-1	0.9
31F	0.	DIS50	-0.1128	31F-1	0.
31F	0.45	DIS50	0.0696	31F-1	0.45
31F	0.9	DIS50	-0.0416	31F-1	0.9
31F	0.	DIS51	-0.1297	31F-1	0.
31F	0.45	DIS51	0.0913	31F-1	0.45
31F	0.9	DIS51	-0.0476	31F-1	0.9
31F	0.	DIS52	-0.1297	31F-1	0.
31F	0.45	DIS52	0.0913	31F-1	0.45
31F	0.9	DIS52	-0.0476	31F-1	0.9
31F	0.	DIS53	-0.155	31F-1	0.
31F	0.45	DIS53	0.109	31F-1	0.45
31F	0.9	DIS53	-0.0568	31F-1	0.9
31F	0.	DIS54	-0.0793	31F-1	0.
31F	0.45	DIS54	0.0559	31F-1	0.45
31F	0.9	DIS54	-0.0291	31F-1	0.9
31F	0.	DIS55	-0.0793	31F-1	0.
31F	0.45	DIS55	0.0559	31F-1	0.45
31F	0.9	DIS55	-0.0291	31F-1	0.9
31F	0.	DIS56	-0.074	31F-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31F	0.45	DIS56	0.0596	31F-1	0.45
31F	0.9	DIS56	-0.027	31F-1	0.9
31F	0.	DIS57	-0.0846	31F-1	0.
31F	0.45	DIS57	0.0522	31F-1	0.45
31F	0.9	DIS57	-0.0312	31F-1	0.9
320	0.	DEAD	0.001	320-1	0.
320	0.27609	DEAD	3.632E-04	320-1	0.27609
320	0.55218	DEAD	-0.0012	320-1	0.55218
320	0.	L	0.	320-1	0.
320	0.27609	L	0.	320-1	0.27609
320	0.55218	L	0.	320-1	0.55218
320	0.	Lr	0.0013	320-1	0.
320	0.27609	Lr	2.018E-04	320-1	0.27609
320	0.55218	Lr	-9.004E-04	320-1	0.55218
320	0.	G	0.	320-1	0.
320	0.27609	G	0.	320-1	0.27609
320	0.55218	G	0.	320-1	0.55218
320	0.	Le	0.	320-1	0.
320	0.27609	Le	0.	320-1	0.27609
320	0.55218	Le	0.	320-1	0.55218
320	0.	Wx	7.344E-04	320-1	0.
320	0.27609	Wx	1.136E-04	320-1	0.27609
320	0.55218	Wx	-5.071E-04	320-1	0.55218
320	0.	Wy	7.344E-04	320-1	0.
320	0.27609	Wy	1.136E-04	320-1	0.27609
320	0.55218	Wy	-5.071E-04	320-1	0.55218
320	0.	CFx D	-6.185E-07	320-1	0.
320	0.27609	CFx D	3.199E-07	320-1	0.27609
320	0.55218	CFx D	5.650E-08	320-1	0.55218
320	0.	CFy D	-1.271E-04	320-1	0.
320	0.27609	CFy D	1.513E-04	320-1	0.27609
320	0.55218	CFy D	4.296E-04	320-1	0.55218
320	0.	CFx L	0.	320-1	0.
320	0.27609	CFx L	0.	320-1	0.27609
320	0.55218	CFx L	0.	320-1	0.55218
320	0.	CFy L	0.	320-1	0.
320	0.27609	CFy L	0.	320-1	0.27609
320	0.55218	CFy L	0.	320-1	0.55218
320	0.	CFx Lr	-2.442E-07	320-1	0.
320	0.27609	CFx Lr	9.503E-08	320-1	0.27609
320	0.55218	CFx Lr	4.343E-07	320-1	0.55218
320	0.	CFy Lr	-1.071E-04	320-1	0.
320	0.27609	CFy Lr	1.555E-04	320-1	0.27609
320	0.55218	CFy Lr	4.180E-04	320-1	0.55218
320	0.	DIS01	0.0014	320-1	0.
320	0.27609	DIS01	5.089E-04	320-1	0.27609
320	0.55218	DIS01	-0.0016	320-1	0.55218
320	0.	DIS02	0.0014	320-1	0.
320	0.27609	DIS02	5.080E-04	320-1	0.27609
320	0.55218	DIS02	-0.0016	320-1	0.55218
320	0.	DIS03	0.0013	320-1	0.
320	0.27609	DIS03	7.202E-04	320-1	0.27609
320	0.55218	DIS03	-0.001	320-1	0.55218
320	0.	DIS04	0.0016	320-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
320	0.27609	DIS04	2.967E-04	320-1	0.27609
320	0.55218	DIS04	-0.0022	320-1	0.55218
320	0.	DIS05	0.0019	320-1	0.
320	0.27609	DIS05	5.371E-04	320-1	0.27609
320	0.55218	DIS05	-0.0018	320-1	0.55218
320	0.	DIS06	0.0019	320-1	0.
320	0.27609	DIS06	5.363E-04	320-1	0.27609
320	0.55218	DIS06	-0.0018	320-1	0.55218
320	0.	DIS07	0.0017	320-1	0.
320	0.27609	DIS07	7.959E-04	320-1	0.27609
320	0.55218	DIS07	-0.0011	320-1	0.55218
320	0.	DIS08	0.0021	320-1	0.
320	0.27609	DIS08	2.774E-04	320-1	0.27609
320	0.55218	DIS08	-0.0026	320-1	0.55218
320	0.	DIS09	0.0012	320-1	0.
320	0.27609	DIS09	4.362E-04	320-1	0.27609
320	0.55218	DIS09	-0.0014	320-1	0.55218
320	0.	DIS10	0.0012	320-1	0.
320	0.27609	DIS10	4.354E-04	320-1	0.27609
320	0.55218	DIS10	-0.0014	320-1	0.55218
320	0.	DIS11	0.0011	320-1	0.
320	0.27609	DIS11	6.173E-04	320-1	0.27609
320	0.55218	DIS11	-8.666E-04	320-1	0.55218
320	0.	DIS12	0.0014	320-1	0.
320	0.27609	DIS12	2.543E-04	320-1	0.27609
320	0.55218	DIS12	-0.0019	320-1	0.55218
320	0.	DIS13	0.0012	320-1	0.
320	0.27609	DIS13	4.362E-04	320-1	0.27609
320	0.55218	DIS13	-0.0014	320-1	0.55218
320	0.	DIS14	0.0012	320-1	0.
320	0.27609	DIS14	4.354E-04	320-1	0.27609
320	0.55218	DIS14	-0.0014	320-1	0.55218
320	0.	DIS15	0.0011	320-1	0.
320	0.27609	DIS15	6.173E-04	320-1	0.27609
320	0.55218	DIS15	-8.666E-04	320-1	0.55218
320	0.	DIS16	0.0014	320-1	0.
320	0.27609	DIS16	2.543E-04	320-1	0.27609
320	0.55218	DIS16	-0.0019	320-1	0.55218
320	0.	DIS17	0.0033	320-1	0.
320	0.27609	DIS17	7.592E-04	320-1	0.27609
320	0.55218	DIS17	-0.0028	320-1	0.55218
320	0.	DIS18	0.0033	320-1	0.
320	0.27609	DIS18	7.581E-04	320-1	0.27609
320	0.55218	DIS18	-0.0028	320-1	0.55218
320	0.	DIS19	0.003	320-1	0.
320	0.27609	DIS19	0.0012	320-1	0.27609
320	0.55218	DIS19	-0.0016	320-1	0.55218
320	0.	DIS20	0.0036	320-1	0.
320	0.27609	DIS20	3.283E-04	320-1	0.27609
320	0.55218	DIS20	-0.004	320-1	0.55218
320	0.	DIS21	0.0012	320-1	0.
320	0.27609	DIS21	4.362E-04	320-1	0.27609
320	0.55218	DIS21	-0.0014	320-1	0.55218
320	0.	DIS22	0.0012	320-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
320	0.27609	DIS22	4.354E-04	320-1	0.27609
320	0.55218	DIS22	-0.0014	320-1	0.55218
320	0.	DIS23	0.0011	320-1	0.
320	0.27609	DIS23	6.173E-04	320-1	0.27609
320	0.55218	DIS23	-8.666E-04	320-1	0.55218
320	0.	DIS24	0.0014	320-1	0.
320	0.27609	DIS24	2.543E-04	320-1	0.27609
320	0.55218	DIS24	-0.0019	320-1	0.55218
320	0.	DIS25	0.0012	320-1	0.
320	0.27609	DIS25	4.362E-04	320-1	0.27609
320	0.55218	DIS25	-0.0014	320-1	0.55218
320	0.	DIS26	0.0012	320-1	0.
320	0.27609	DIS26	4.354E-04	320-1	0.27609
320	0.55218	DIS26	-0.0014	320-1	0.55218
320	0.	DIS27	0.0011	320-1	0.
320	0.27609	DIS27	6.173E-04	320-1	0.27609
320	0.55218	DIS27	-8.666E-04	320-1	0.55218
320	0.	DIS28	0.0014	320-1	0.
320	0.27609	DIS28	2.543E-04	320-1	0.27609
320	0.55218	DIS28	-0.0019	320-1	0.55218
320	0.	DIS29	0.0037	320-1	0.
320	0.27609	DIS29	8.155E-04	320-1	0.27609
320	0.55218	DIS29	-0.0031	320-1	0.55218
320	0.	DIS30	0.0037	320-1	0.
320	0.27609	DIS30	8.155E-04	320-1	0.27609
320	0.55218	DIS30	-0.0031	320-1	0.55218
320	0.	DIS31	0.0039	320-1	0.
320	0.27609	DIS31	8.450E-04	320-1	0.27609
320	0.55218	DIS31	-0.0032	320-1	0.55218
320	0.	DIS32	0.0016	320-1	0.
320	0.27609	DIS32	4.926E-04	320-1	0.27609
320	0.55218	DIS32	-0.0016	320-1	0.55218
320	0.	DIS33	0.0016	320-1	0.
320	0.27609	DIS33	4.926E-04	320-1	0.27609
320	0.55218	DIS33	-0.0016	320-1	0.55218
320	0.	DIS34	0.0018	320-1	0.
320	0.27609	DIS34	5.222E-04	320-1	0.27609
320	0.55218	DIS34	-0.0018	320-1	0.55218
320	0.	DIS35	0.0016	320-1	0.
320	0.27609	DIS35	4.926E-04	320-1	0.27609
320	0.55218	DIS35	-0.0016	320-1	0.55218
320	0.	DIS36	0.0016	320-1	0.
320	0.27609	DIS36	4.926E-04	320-1	0.27609
320	0.55218	DIS36	-0.0016	320-1	0.55218
320	0.	DIS37	0.0018	320-1	0.
320	0.27609	DIS37	5.222E-04	320-1	0.27609
320	0.55218	DIS37	-0.0018	320-1	0.55218
320	0.	DIS38	0.0026	320-1	0.
320	0.27609	DIS38	6.503E-04	320-1	0.27609
320	0.55218	DIS38	-0.0023	320-1	0.55218
320	0.	DIS39	0.0026	320-1	0.
320	0.27609	DIS39	6.503E-04	320-1	0.27609
320	0.55218	DIS39	-0.0023	320-1	0.55218
320	0.	DIS40	0.003	320-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
320	0.27609	DIS40	7.072E-04	320-1	0.27609
320	0.55218	DIS40	-0.0026	320-1	0.55218
320	0.	DIS41	0.002	320-1	0.
320	0.27609	DIS41	5.494E-04	320-1	0.27609
320	0.55218	DIS41	-0.0019	320-1	0.55218
320	0.	DIS42	0.002	320-1	0.
320	0.27609	DIS42	5.494E-04	320-1	0.27609
320	0.55218	DIS42	-0.0019	320-1	0.55218
320	0.	DIS43	0.0023	320-1	0.
320	0.27609	DIS43	6.063E-04	320-1	0.27609
320	0.55218	DIS43	-0.0021	320-1	0.55218
320	0.	DIS44	0.002	320-1	0.
320	0.27609	DIS44	5.494E-04	320-1	0.27609
320	0.55218	DIS44	-0.0019	320-1	0.55218
320	0.	DIS45	0.002	320-1	0.
320	0.27609	DIS45	5.494E-04	320-1	0.27609
320	0.55218	DIS45	-0.0019	320-1	0.55218
320	0.	DIS46	0.0023	320-1	0.
320	0.27609	DIS46	6.063E-04	320-1	0.27609
320	0.55218	DIS46	-0.0021	320-1	0.55218
320	0.	DIS47	0.0012	320-1	0.
320	0.27609	DIS47	4.362E-04	320-1	0.27609
320	0.55218	DIS47	-0.0014	320-1	0.55218
320	0.	DIS48	0.0012	320-1	0.
320	0.27609	DIS48	4.354E-04	320-1	0.27609
320	0.55218	DIS48	-0.0014	320-1	0.55218
320	0.	DIS49	0.0011	320-1	0.
320	0.27609	DIS49	6.173E-04	320-1	0.27609
320	0.55218	DIS49	-8.666E-04	320-1	0.55218
320	0.	DIS50	0.0014	320-1	0.
320	0.27609	DIS50	2.543E-04	320-1	0.27609
320	0.55218	DIS50	-0.0019	320-1	0.55218
320	0.	DIS51	0.0017	320-1	0.
320	0.27609	DIS51	4.405E-04	320-1	0.27609
320	0.55218	DIS51	-0.0015	320-1	0.55218
320	0.	DIS52	0.0017	320-1	0.
320	0.27609	DIS52	4.405E-04	320-1	0.27609
320	0.55218	DIS52	-0.0015	320-1	0.55218
320	0.	DIS53	0.002	320-1	0.
320	0.27609	DIS53	4.973E-04	320-1	0.27609
320	0.55218	DIS53	-0.0018	320-1	0.55218
320	0.	DIS54	9.293E-04	320-1	0.
320	0.27609	DIS54	3.271E-04	320-1	0.27609
320	0.55218	DIS54	-0.001	320-1	0.55218
320	0.	DIS55	9.304E-04	320-1	0.
320	0.27609	DIS55	3.266E-04	320-1	0.27609
320	0.55218	DIS55	-0.001	320-1	0.55218
320	0.	DIS56	8.155E-04	320-1	0.
320	0.27609	DIS56	4.630E-04	320-1	0.27609
320	0.55218	DIS56	-6.500E-04	320-1	0.55218
320	0.	DIS57	0.001	320-1	0.
320	0.27609	DIS57	1.907E-04	320-1	0.27609
320	0.55218	DIS57	-0.0014	320-1	0.55218
321	0.	DEAD	-3.694E-04	321-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
321	0.27609	DEAD	0.0013	321-1	0.27609
321	0.55218	DEAD	0.002	321-1	0.55218
321	0.	L	0.	321-1	0.
321	0.27609	L	0.	321-1	0.27609
321	0.55218	L	0.	321-1	0.55218
321	0.	Lr	-1.768E-04	321-1	0.
321	0.27609	Lr	0.0011	321-1	0.27609
321	0.55218	Lr	0.0024	321-1	0.55218
321	0.	G	0.	321-1	0.
321	0.27609	G	0.	321-1	0.27609
321	0.55218	G	0.	321-1	0.55218
321	0.	Le	0.	321-1	0.
321	0.27609	Le	0.	321-1	0.27609
321	0.55218	Le	0.	321-1	0.55218
321	0.	Wx	-9.960E-05	321-1	0.
321	0.27609	Wx	6.184E-04	321-1	0.27609
321	0.55218	Wx	0.0013	321-1	0.55218
321	0.	Wy	-9.960E-05	321-1	0.
321	0.27609	Wy	6.184E-04	321-1	0.27609
321	0.55218	Wy	0.0013	321-1	0.55218
321	0.	CFx D	4.535E-07	321-1	0.
321	0.27609	CFx D	-1.785E-07	321-1	0.27609
321	0.55218	CFx D	3.912E-07	321-1	0.55218
321	0.	CFy D	2.398E-04	321-1	0.
321	0.27609	CFy D	-1.242E-04	321-1	0.27609
321	0.55218	CFy D	-4.883E-04	321-1	0.55218
321	0.	CFx L	0.	321-1	0.
321	0.27609	CFx L	0.	321-1	0.27609
321	0.55218	CFx L	0.	321-1	0.55218
321	0.	CFy L	0.	321-1	0.
321	0.27609	CFy L	0.	321-1	0.27609
321	0.55218	CFy L	0.	321-1	0.55218
321	0.	CFx Lr	7.513E-08	321-1	0.
321	0.27609	CFx Lr	4.229E-08	321-1	0.27609
321	0.55218	CFx Lr	9.451E-09	321-1	0.55218
321	0.	CFy Lr	2.384E-04	321-1	0.
321	0.27609	CFy Lr	-1.239E-04	321-1	0.27609
321	0.55218	CFy Lr	-4.863E-04	321-1	0.55218
321	0.	DIS01	-5.166E-04	321-1	0.
321	0.27609	DIS01	0.0018	321-1	0.27609
321	0.55218	DIS01	0.0028	321-1	0.55218
321	0.	DIS02	-5.178E-04	321-1	0.
321	0.27609	DIS02	0.0018	321-1	0.27609
321	0.55218	DIS02	0.0028	321-1	0.55218
321	0.	DIS03	-1.814E-04	321-1	0.
321	0.27609	DIS03	0.0016	321-1	0.27609
321	0.55218	DIS03	0.0022	321-1	0.55218
321	0.	DIS04	-8.530E-04	321-1	0.
321	0.27609	DIS04	0.0019	321-1	0.27609
321	0.55218	DIS04	0.0035	321-1	0.55218
321	0.	DIS05	-5.311E-04	321-1	0.
321	0.27609	DIS05	0.0021	321-1	0.27609
321	0.55218	DIS05	0.0036	321-1	0.55218
321	0.	DIS06	-5.323E-04	321-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
321	0.27609	DIS06	0.0021	321-1	0.27609
321	0.55218	DIS06	0.0036	321-1	0.55218
321	0.	DIS07	-1.247E-04	321-1	0.
321	0.27609	DIS07	0.0018	321-1	0.27609
321	0.55218	DIS07	0.0028	321-1	0.55218
321	0.	DIS08	-9.388E-04	321-1	0.
321	0.27609	DIS08	0.0023	321-1	0.27609
321	0.55218	DIS08	0.0045	321-1	0.55218
321	0.	DIS09	-4.428E-04	321-1	0.
321	0.27609	DIS09	0.0015	321-1	0.27609
321	0.55218	DIS09	0.0024	321-1	0.55218
321	0.	DIS10	-4.439E-04	321-1	0.
321	0.27609	DIS10	0.0015	321-1	0.27609
321	0.55218	DIS10	0.0024	321-1	0.55218
321	0.	DIS11	-1.555E-04	321-1	0.
321	0.27609	DIS11	0.0014	321-1	0.27609
321	0.55218	DIS11	0.0019	321-1	0.55218
321	0.	DIS12	-7.311E-04	321-1	0.
321	0.27609	DIS12	0.0017	321-1	0.27609
321	0.55218	DIS12	0.003	321-1	0.55218
321	0.	DIS13	-4.428E-04	321-1	0.
321	0.27609	DIS13	0.0015	321-1	0.27609
321	0.55218	DIS13	0.0024	321-1	0.55218
321	0.	DIS14	-4.439E-04	321-1	0.
321	0.27609	DIS14	0.0015	321-1	0.27609
321	0.55218	DIS14	0.0024	321-1	0.55218
321	0.	DIS15	-1.555E-04	321-1	0.
321	0.27609	DIS15	0.0014	321-1	0.27609
321	0.55218	DIS15	0.0019	321-1	0.55218
321	0.	DIS16	-7.311E-04	321-1	0.
321	0.27609	DIS16	0.0017	321-1	0.27609
321	0.55218	DIS16	0.003	321-1	0.55218
321	0.	DIS17	-7.256E-04	321-1	0.
321	0.27609	DIS17	0.0033	321-1	0.27609
321	0.55218	DIS17	0.0062	321-1	0.55218
321	0.	DIS18	-7.269E-04	321-1	0.
321	0.27609	DIS18	0.0033	321-1	0.27609
321	0.55218	DIS18	0.0062	321-1	0.55218
321	0.	DIS19	-5.696E-05	321-1	0.
321	0.27609	DIS19	0.0029	321-1	0.27609
321	0.55218	DIS19	0.0049	321-1	0.55218
321	0.	DIS20	-0.0014	321-1	0.
321	0.27609	DIS20	0.0036	321-1	0.27609
321	0.55218	DIS20	0.0076	321-1	0.55218
321	0.	DIS21	-4.428E-04	321-1	0.
321	0.27609	DIS21	0.0015	321-1	0.27609
321	0.55218	DIS21	0.0024	321-1	0.55218
321	0.	DIS22	-4.439E-04	321-1	0.
321	0.27609	DIS22	0.0015	321-1	0.27609
321	0.55218	DIS22	0.0024	321-1	0.55218
321	0.	DIS23	-1.555E-04	321-1	0.
321	0.27609	DIS23	0.0014	321-1	0.27609
321	0.55218	DIS23	0.0019	321-1	0.55218
321	0.	DIS24	-7.311E-04	321-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
321	0.27609	DIS24	0.0017	321-1	0.27609
321	0.55218	DIS24	0.003	321-1	0.55218
321	0.	DIS25	-4.428E-04	321-1	0.
321	0.27609	DIS25	0.0015	321-1	0.27609
321	0.55218	DIS25	0.0024	321-1	0.55218
321	0.	DIS26	-4.439E-04	321-1	0.
321	0.27609	DIS26	0.0015	321-1	0.27609
321	0.55218	DIS26	0.0024	321-1	0.55218
321	0.	DIS27	-1.555E-04	321-1	0.
321	0.27609	DIS27	0.0014	321-1	0.27609
321	0.55218	DIS27	0.0019	321-1	0.55218
321	0.	DIS28	-7.311E-04	321-1	0.
321	0.27609	DIS28	0.0017	321-1	0.27609
321	0.55218	DIS28	0.003	321-1	0.55218
321	0.	DIS29	-7.760E-04	321-1	0.
321	0.27609	DIS29	0.0036	321-1	0.27609
321	0.55218	DIS29	0.0069	321-1	0.55218
321	0.	DIS30	-7.760E-04	321-1	0.
321	0.27609	DIS30	0.0036	321-1	0.27609
321	0.55218	DIS30	0.0069	321-1	0.55218
321	0.	DIS31	-8.019E-04	321-1	0.
321	0.27609	DIS31	0.0037	321-1	0.27609
321	0.55218	DIS31	0.0073	321-1	0.55218
321	0.	DIS32	-4.931E-04	321-1	0.
321	0.27609	DIS32	0.0018	321-1	0.27609
321	0.55218	DIS32	0.0031	321-1	0.55218
321	0.	DIS33	-4.931E-04	321-1	0.
321	0.27609	DIS33	0.0018	321-1	0.27609
321	0.55218	DIS33	0.0031	321-1	0.55218
321	0.	DIS34	-5.190E-04	321-1	0.
321	0.27609	DIS34	0.002	321-1	0.27609
321	0.55218	DIS34	0.0035	321-1	0.55218
321	0.	DIS35	-4.931E-04	321-1	0.
321	0.27609	DIS35	0.0018	321-1	0.27609
321	0.55218	DIS35	0.0031	321-1	0.55218
321	0.	DIS36	-4.931E-04	321-1	0.
321	0.27609	DIS36	0.0018	321-1	0.27609
321	0.55218	DIS36	0.0031	321-1	0.55218
321	0.	DIS37	-5.190E-04	321-1	0.
321	0.27609	DIS37	0.002	321-1	0.27609
321	0.55218	DIS37	0.0035	321-1	0.55218
321	0.	DIS38	-6.313E-04	321-1	0.
321	0.27609	DIS38	0.0027	321-1	0.27609
321	0.55218	DIS38	0.005	321-1	0.55218
321	0.	DIS39	-6.313E-04	321-1	0.
321	0.27609	DIS39	0.0027	321-1	0.27609
321	0.55218	DIS39	0.005	321-1	0.55218
321	0.	DIS40	-6.811E-04	321-1	0.
321	0.27609	DIS40	0.003	321-1	0.27609
321	0.55218	DIS40	0.0056	321-1	0.55218
321	0.	DIS41	-5.429E-04	321-1	0.
321	0.27609	DIS41	0.0021	321-1	0.27609
321	0.55218	DIS41	0.0038	321-1	0.55218
321	0.	DIS42	-5.429E-04	321-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
321	0.27609	DIS42	0.0021	321-1	0.27609
321	0.55218	DIS42	0.0038	321-1	0.55218
321	0.	DIS43	-5.927E-04	321-1	0.
321	0.27609	DIS43	0.0024	321-1	0.27609
321	0.55218	DIS43	0.0044	321-1	0.55218
321	0.	DIS44	-5.429E-04	321-1	0.
321	0.27609	DIS44	0.0021	321-1	0.27609
321	0.55218	DIS44	0.0038	321-1	0.55218
321	0.	DIS45	-5.429E-04	321-1	0.
321	0.27609	DIS45	0.0021	321-1	0.27609
321	0.55218	DIS45	0.0038	321-1	0.55218
321	0.	DIS46	-5.927E-04	321-1	0.
321	0.27609	DIS46	0.0024	321-1	0.27609
321	0.55218	DIS46	0.0044	321-1	0.55218
321	0.	DIS47	-4.428E-04	321-1	0.
321	0.27609	DIS47	0.0015	321-1	0.27609
321	0.55218	DIS47	0.0024	321-1	0.55218
321	0.	DIS48	-4.439E-04	321-1	0.
321	0.27609	DIS48	0.0015	321-1	0.27609
321	0.55218	DIS48	0.0024	321-1	0.55218
321	0.	DIS49	-1.555E-04	321-1	0.
321	0.27609	DIS49	0.0014	321-1	0.27609
321	0.55218	DIS49	0.0019	321-1	0.55218
321	0.	DIS50	-7.311E-04	321-1	0.
321	0.27609	DIS50	0.0017	321-1	0.27609
321	0.55218	DIS50	0.003	321-1	0.55218
321	0.	DIS51	-4.321E-04	321-1	0.
321	0.27609	DIS51	0.0017	321-1	0.27609
321	0.55218	DIS51	0.0032	321-1	0.55218
321	0.	DIS52	-4.321E-04	321-1	0.
321	0.27609	DIS52	0.0017	321-1	0.27609
321	0.55218	DIS52	0.0032	321-1	0.55218
321	0.	DIS53	-4.819E-04	321-1	0.
321	0.27609	DIS53	0.0021	321-1	0.27609
321	0.55218	DIS53	0.0038	321-1	0.55218
321	0.	DIS54	-3.321E-04	321-1	0.
321	0.27609	DIS54	0.0011	321-1	0.27609
321	0.55218	DIS54	0.0018	321-1	0.55218
321	0.	DIS55	-3.329E-04	321-1	0.
321	0.27609	DIS55	0.0011	321-1	0.27609
321	0.55218	DIS55	0.0018	321-1	0.55218
321	0.	DIS56	-1.166E-04	321-1	0.
321	0.27609	DIS56	0.001	321-1	0.27609
321	0.55218	DIS56	0.0014	321-1	0.55218
321	0.	DIS57	-5.484E-04	321-1	0.
321	0.27609	DIS57	0.0012	321-1	0.27609
321	0.55218	DIS57	0.0023	321-1	0.55218
322	0.	DEAD	-0.006	322-1	0.
322	0.27609	DEAD	0.0028	322-1	0.27609
322	0.55218	DEAD	0.0108	322-1	0.55218
322	0.	L	0.	322-1	0.
322	0.27609	L	0.	322-1	0.27609
322	0.55218	L	0.	322-1	0.55218
322	0.	Lr	-0.0057	322-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
322	0.27609	Lr	0.0027	322-1	0.27609
322	0.55218	Lr	0.0112	322-1	0.55218
322	0.	G	0.	322-1	0.
322	0.27609	G	0.	322-1	0.27609
322	0.55218	G	0.	322-1	0.55218
322	0.	Le	0.	322-1	0.
322	0.27609	Le	0.	322-1	0.27609
322	0.55218	Le	0.	322-1	0.55218
322	0.	Wx	-0.0032	322-1	0.
322	0.27609	Wx	0.0015	322-1	0.27609
322	0.55218	Wx	0.0063	322-1	0.55218
322	0.	Wy	-0.0032	322-1	0.
322	0.27609	Wy	0.0015	322-1	0.27609
322	0.55218	Wy	0.0063	322-1	0.55218
322	0.	CFx D	-5.211E-07	322-1	0.
322	0.27609	CFx D	2.107E-07	322-1	0.27609
322	0.55218	CFx D	-2.592E-07	322-1	0.55218
322	0.	CFy D	2.892E-04	322-1	0.
322	0.27609	CFy D	-1.511E-04	322-1	0.27609
322	0.55218	CFy D	-5.914E-04	322-1	0.55218
322	0.	CFx L	0.	322-1	0.
322	0.27609	CFx L	0.	322-1	0.27609
322	0.55218	CFx L	0.	322-1	0.55218
322	0.	CFy L	0.	322-1	0.
322	0.27609	CFy L	0.	322-1	0.27609
322	0.55218	CFy L	0.	322-1	0.55218
322	0.	CFx Lr	-1.269E-07	322-1	0.
322	0.27609	CFx Lr	-1.722E-08	322-1	0.27609
322	0.55218	CFx Lr	9.243E-08	322-1	0.55218
322	0.	CFy Lr	2.901E-04	322-1	0.
322	0.27609	CFy Lr	-1.516E-04	322-1	0.27609
322	0.55218	CFy Lr	-5.933E-04	322-1	0.55218
322	0.	DIS01	-0.0083	322-1	0.
322	0.27609	DIS01	0.004	322-1	0.27609
322	0.55218	DIS01	0.0151	322-1	0.55218
322	0.	DIS02	-0.0083	322-1	0.
322	0.27609	DIS02	0.004	322-1	0.27609
322	0.55218	DIS02	0.0151	322-1	0.55218
322	0.	DIS03	-0.0079	322-1	0.
322	0.27609	DIS03	0.0038	322-1	0.27609
322	0.55218	DIS03	0.0143	322-1	0.55218
322	0.	DIS04	-0.0087	322-1	0.
322	0.27609	DIS04	0.0042	322-1	0.27609
322	0.55218	DIS04	0.0159	322-1	0.55218
322	0.	DIS05	-0.01	322-1	0.
322	0.27609	DIS05	0.0048	322-1	0.27609
322	0.55218	DIS05	0.0185	322-1	0.55218
322	0.	DIS06	-0.01	322-1	0.
322	0.27609	DIS06	0.0048	322-1	0.27609
322	0.55218	DIS06	0.0185	322-1	0.55218
322	0.	DIS07	-0.0095	322-1	0.
322	0.27609	DIS07	0.0045	322-1	0.27609
322	0.55218	DIS07	0.0175	322-1	0.55218
322	0.	DIS08	-0.0105	322-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
322	0.27609	DIS08	0.005	322-1	0.27609
322	0.55218	DIS08	0.0196	322-1	0.55218
322	0.	DIS09	-0.0071	322-1	0.
322	0.27609	DIS09	0.0034	322-1	0.27609
322	0.55218	DIS09	0.013	322-1	0.55218
322	0.	DIS10	-0.0071	322-1	0.
322	0.27609	DIS10	0.0034	322-1	0.27609
322	0.55218	DIS10	0.013	322-1	0.55218
322	0.	DIS11	-0.0068	322-1	0.
322	0.27609	DIS11	0.0032	322-1	0.27609
322	0.55218	DIS11	0.0123	322-1	0.55218
322	0.	DIS12	-0.0075	322-1	0.
322	0.27609	DIS12	0.0036	322-1	0.27609
322	0.55218	DIS12	0.0137	322-1	0.55218
322	0.	DIS13	-0.0071	322-1	0.
322	0.27609	DIS13	0.0034	322-1	0.27609
322	0.55218	DIS13	0.013	322-1	0.55218
322	0.	DIS14	-0.0071	322-1	0.
322	0.27609	DIS14	0.0034	322-1	0.27609
322	0.55218	DIS14	0.013	322-1	0.55218
322	0.	DIS15	-0.0068	322-1	0.
322	0.27609	DIS15	0.0032	322-1	0.27609
322	0.55218	DIS15	0.0123	322-1	0.55218
322	0.	DIS16	-0.0075	322-1	0.
322	0.27609	DIS16	0.0036	322-1	0.27609
322	0.55218	DIS16	0.0137	322-1	0.55218
322	0.	DIS17	-0.0162	322-1	0.
322	0.27609	DIS17	0.0078	322-1	0.27609
322	0.55218	DIS17	0.0308	322-1	0.55218
322	0.	DIS18	-0.0162	322-1	0.
322	0.27609	DIS18	0.0078	322-1	0.27609
322	0.55218	DIS18	0.0308	322-1	0.55218
322	0.	DIS19	-0.0154	322-1	0.
322	0.27609	DIS19	0.0074	322-1	0.27609
322	0.55218	DIS19	0.0292	322-1	0.55218
322	0.	DIS20	-0.017	322-1	0.
322	0.27609	DIS20	0.0082	322-1	0.27609
322	0.55218	DIS20	0.0325	322-1	0.55218
322	0.	DIS21	-0.0071	322-1	0.
322	0.27609	DIS21	0.0034	322-1	0.27609
322	0.55218	DIS21	0.013	322-1	0.55218
322	0.	DIS22	-0.0071	322-1	0.
322	0.27609	DIS22	0.0034	322-1	0.27609
322	0.55218	DIS22	0.013	322-1	0.55218
322	0.	DIS23	-0.0068	322-1	0.
322	0.27609	DIS23	0.0032	322-1	0.27609
322	0.55218	DIS23	0.0123	322-1	0.55218
322	0.	DIS24	-0.0075	322-1	0.
322	0.27609	DIS24	0.0036	322-1	0.27609
322	0.55218	DIS24	0.0137	322-1	0.55218
322	0.	DIS25	-0.0071	322-1	0.
322	0.27609	DIS25	0.0034	322-1	0.27609
322	0.55218	DIS25	0.013	322-1	0.55218
322	0.	DIS26	-0.0071	322-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
322	0.27609	DIS26	0.0034	322-1	0.27609
322	0.55218	DIS26	0.013	322-1	0.55218
322	0.	DIS27	-0.0068	322-1	0.
322	0.27609	DIS27	0.0032	322-1	0.27609
322	0.55218	DIS27	0.0123	322-1	0.55218
322	0.	DIS28	-0.0075	322-1	0.
322	0.27609	DIS28	0.0036	322-1	0.27609
322	0.55218	DIS28	0.0137	322-1	0.55218
322	0.	DIS29	-0.0178	322-1	0.
322	0.27609	DIS29	0.0086	322-1	0.27609
322	0.55218	DIS29	0.034	322-1	0.55218
322	0.	DIS30	-0.0178	322-1	0.
322	0.27609	DIS30	0.0086	322-1	0.27609
322	0.55218	DIS30	0.034	322-1	0.55218
322	0.	DIS31	-0.0187	322-1	0.
322	0.27609	DIS31	0.009	322-1	0.27609
322	0.55218	DIS31	0.0356	322-1	0.55218
322	0.	DIS32	-0.0087	322-1	0.
322	0.27609	DIS32	0.0042	322-1	0.27609
322	0.55218	DIS32	0.0161	322-1	0.55218
322	0.	DIS33	-0.0087	322-1	0.
322	0.27609	DIS33	0.0042	322-1	0.27609
322	0.55218	DIS33	0.0161	322-1	0.55218
322	0.	DIS34	-0.0096	322-1	0.
322	0.27609	DIS34	0.0046	322-1	0.27609
322	0.55218	DIS34	0.0177	322-1	0.55218
322	0.	DIS35	-0.0087	322-1	0.
322	0.27609	DIS35	0.0042	322-1	0.27609
322	0.55218	DIS35	0.0161	322-1	0.55218
322	0.	DIS36	-0.0087	322-1	0.
322	0.27609	DIS36	0.0042	322-1	0.27609
322	0.55218	DIS36	0.0161	322-1	0.55218
322	0.	DIS37	-0.0096	322-1	0.
322	0.27609	DIS37	0.0046	322-1	0.27609
322	0.55218	DIS37	0.0177	322-1	0.55218
322	0.	DIS38	-0.0132	322-1	0.
322	0.27609	DIS38	0.0063	322-1	0.27609
322	0.55218	DIS38	0.0248	322-1	0.55218
322	0.	DIS39	-0.0132	322-1	0.
322	0.27609	DIS39	0.0063	322-1	0.27609
322	0.55218	DIS39	0.0248	322-1	0.55218
322	0.	DIS40	-0.0148	322-1	0.
322	0.27609	DIS40	0.0071	322-1	0.27609
322	0.55218	DIS40	0.028	322-1	0.55218
322	0.	DIS41	-0.0103	322-1	0.
322	0.27609	DIS41	0.005	322-1	0.27609
322	0.55218	DIS41	0.0193	322-1	0.55218
322	0.	DIS42	-0.0103	322-1	0.
322	0.27609	DIS42	0.005	322-1	0.27609
322	0.55218	DIS42	0.0193	322-1	0.55218
322	0.	DIS43	-0.0119	322-1	0.
322	0.27609	DIS43	0.0057	322-1	0.27609
322	0.55218	DIS43	0.0224	322-1	0.55218
322	0.	DIS44	-0.0103	322-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
322	0.27609	DIS44	0.005	322-1	0.27609
322	0.55218	DIS44	0.0193	322-1	0.55218
322	0.	DIS45	-0.0103	322-1	0.
322	0.27609	DIS45	0.005	322-1	0.27609
322	0.55218	DIS45	0.0193	322-1	0.55218
322	0.	DIS46	-0.0119	322-1	0.
322	0.27609	DIS46	0.0057	322-1	0.27609
322	0.55218	DIS46	0.0224	322-1	0.55218
322	0.	DIS47	-0.0071	322-1	0.
322	0.27609	DIS47	0.0034	322-1	0.27609
322	0.55218	DIS47	0.013	322-1	0.55218
322	0.	DIS48	-0.0071	322-1	0.
322	0.27609	DIS48	0.0034	322-1	0.27609
322	0.55218	DIS48	0.013	322-1	0.55218
322	0.	DIS49	-0.0068	322-1	0.
322	0.27609	DIS49	0.0032	322-1	0.27609
322	0.55218	DIS49	0.0123	322-1	0.55218
322	0.	DIS50	-0.0075	322-1	0.
322	0.27609	DIS50	0.0036	322-1	0.27609
322	0.55218	DIS50	0.0137	322-1	0.55218
322	0.	DIS51	-0.0086	322-1	0.
322	0.27609	DIS51	0.0041	322-1	0.27609
322	0.55218	DIS51	0.016	322-1	0.55218
322	0.	DIS52	-0.0086	322-1	0.
322	0.27609	DIS52	0.0041	322-1	0.27609
322	0.55218	DIS52	0.016	322-1	0.55218
322	0.	DIS53	-0.0102	322-1	0.
322	0.27609	DIS53	0.0049	322-1	0.27609
322	0.55218	DIS53	0.0192	322-1	0.55218
322	0.	DIS54	-0.0054	322-1	0.
322	0.27609	DIS54	0.0026	322-1	0.27609
322	0.55218	DIS54	0.0097	322-1	0.55218
322	0.	DIS55	-0.0054	322-1	0.
322	0.27609	DIS55	0.0026	322-1	0.27609
322	0.55218	DIS55	0.0097	322-1	0.55218
322	0.	DIS56	-0.0051	322-1	0.
322	0.27609	DIS56	0.0024	322-1	0.27609
322	0.55218	DIS56	0.0092	322-1	0.55218
322	0.	DIS57	-0.0056	322-1	0.
322	0.27609	DIS57	0.0027	322-1	0.27609
322	0.55218	DIS57	0.0103	322-1	0.55218
323	0.	DEAD	0.0121	323-1	0.
323	0.16	DEAD	-0.0047	323-1	0.16
323	0.32	DEAD	-0.0215	323-1	0.32
323	0.	L	0.	323-1	0.
323	0.16	L	0.	323-1	0.16
323	0.32	L	0.	323-1	0.32
323	0.	Lr	0.0121	323-1	0.
323	0.16	Lr	-0.0048	323-1	0.16
323	0.32	Lr	-0.0216	323-1	0.32
323	0.	G	0.	323-1	0.
323	0.16	G	0.	323-1	0.16
323	0.32	G	0.	323-1	0.32
323	0.	Le	0.	323-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
323	0.16	Le	0.	323-1	0.16
323	0.32	Le	0.	323-1	0.32
323	0.	Wx	0.0068	323-1	0.
323	0.16	Wx	-0.0027	323-1	0.16
323	0.32	Wx	-0.0122	323-1	0.32
323	0.	Wy	0.0068	323-1	0.
323	0.16	Wy	-0.0027	323-1	0.16
323	0.32	Wy	-0.0122	323-1	0.32
323	0.	CFx D	9.817E-07	323-1	0.
323	0.16	CFx D	-1.205E-07	323-1	0.16
323	0.32	CFx D	-5.263E-07	323-1	0.32
323	0.	CFy D	-0.0012	323-1	0.
323	0.16	CFy D	8.756E-05	323-1	0.16
323	0.32	CFy D	0.0014	323-1	0.32
323	0.	CFx L	0.	323-1	0.
323	0.16	CFx L	0.	323-1	0.16
323	0.32	CFx L	0.	323-1	0.32
323	0.	CFy L	0.	323-1	0.
323	0.16	CFy L	0.	323-1	0.16
323	0.32	CFy L	0.	323-1	0.32
323	0.	CFx Lr	7.108E-07	323-1	0.
323	0.16	CFx Lr	2.892E-08	323-1	0.16
323	0.32	CFx Lr	-6.530E-07	323-1	0.32
323	0.	CFy Lr	-0.0012	323-1	0.
323	0.16	CFy Lr	7.912E-05	323-1	0.16
323	0.32	CFy Lr	0.0014	323-1	0.32
323	0.	DIS01	0.0169	323-1	0.
323	0.16	DIS01	-0.0066	323-1	0.16
323	0.32	DIS01	-0.0301	323-1	0.32
323	0.	DIS02	0.0169	323-1	0.
323	0.16	DIS02	-0.0066	323-1	0.16
323	0.32	DIS02	-0.0301	323-1	0.32
323	0.	DIS03	0.0152	323-1	0.
323	0.16	DIS03	-0.0065	323-1	0.16
323	0.32	DIS03	-0.0282	323-1	0.32
323	0.	DIS04	0.0186	323-1	0.
323	0.16	DIS04	-0.0067	323-1	0.16
323	0.32	DIS04	-0.032	323-1	0.32
323	0.	DIS05	0.0205	323-1	0.
323	0.16	DIS05	-0.008	323-1	0.16
323	0.32	DIS05	-0.0366	323-1	0.32
323	0.	DIS06	0.0205	323-1	0.
323	0.16	DIS06	-0.008	323-1	0.16
323	0.32	DIS06	-0.0366	323-1	0.32
323	0.	DIS07	0.0185	323-1	0.
323	0.16	DIS07	-0.0079	323-1	0.16
323	0.32	DIS07	-0.0343	323-1	0.32
323	0.	DIS08	0.0226	323-1	0.
323	0.16	DIS08	-0.0082	323-1	0.16
323	0.32	DIS08	-0.039	323-1	0.32
323	0.	DIS09	0.0145	323-1	0.
323	0.16	DIS09	-0.0057	323-1	0.16
323	0.32	DIS09	-0.0258	323-1	0.32
323	0.	DIS10	0.0145	323-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
323	0.16	DIS10	-0.0057	323-1	0.16
323	0.32	DIS10	-0.0258	323-1	0.32
323	0.	DIS11	0.013	323-1	0.
323	0.16	DIS11	-0.0056	323-1	0.16
323	0.32	DIS11	-0.0241	323-1	0.32
323	0.	DIS12	0.0159	323-1	0.
323	0.16	DIS12	-0.0058	323-1	0.16
323	0.32	DIS12	-0.0274	323-1	0.32
323	0.	DIS13	0.0145	323-1	0.
323	0.16	DIS13	-0.0057	323-1	0.16
323	0.32	DIS13	-0.0258	323-1	0.32
323	0.	DIS14	0.0145	323-1	0.
323	0.16	DIS14	-0.0057	323-1	0.16
323	0.32	DIS14	-0.0258	323-1	0.32
323	0.	DIS15	0.013	323-1	0.
323	0.16	DIS15	-0.0056	323-1	0.16
323	0.32	DIS15	-0.0241	323-1	0.32
323	0.	DIS16	0.0159	323-1	0.
323	0.16	DIS16	-0.0058	323-1	0.16
323	0.32	DIS16	-0.0274	323-1	0.32
323	0.	DIS17	0.0338	323-1	0.
323	0.16	DIS17	-0.0133	323-1	0.16
323	0.32	DIS17	-0.0604	323-1	0.32
323	0.	DIS18	0.0338	323-1	0.
323	0.16	DIS18	-0.0133	323-1	0.16
323	0.32	DIS18	-0.0604	323-1	0.32
323	0.	DIS19	0.0304	323-1	0.
323	0.16	DIS19	-0.0131	323-1	0.16
323	0.32	DIS19	-0.0565	323-1	0.32
323	0.	DIS20	0.0372	323-1	0.
323	0.16	DIS20	-0.0135	323-1	0.16
323	0.32	DIS20	-0.0643	323-1	0.32
323	0.	DIS21	0.0145	323-1	0.
323	0.16	DIS21	-0.0057	323-1	0.16
323	0.32	DIS21	-0.0258	323-1	0.32
323	0.	DIS22	0.0145	323-1	0.
323	0.16	DIS22	-0.0057	323-1	0.16
323	0.32	DIS22	-0.0258	323-1	0.32
323	0.	DIS23	0.013	323-1	0.
323	0.16	DIS23	-0.0056	323-1	0.16
323	0.32	DIS23	-0.0241	323-1	0.32
323	0.	DIS24	0.0159	323-1	0.
323	0.16	DIS24	-0.0058	323-1	0.16
323	0.32	DIS24	-0.0274	323-1	0.32
323	0.	DIS25	0.0145	323-1	0.
323	0.16	DIS25	-0.0057	323-1	0.16
323	0.32	DIS25	-0.0258	323-1	0.32
323	0.	DIS26	0.0145	323-1	0.
323	0.16	DIS26	-0.0057	323-1	0.16
323	0.32	DIS26	-0.0258	323-1	0.32
323	0.	DIS27	0.013	323-1	0.
323	0.16	DIS27	-0.0056	323-1	0.16
323	0.32	DIS27	-0.0241	323-1	0.32
323	0.	DIS28	0.0159	323-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
323	0.16	DIS28	-0.0058	323-1	0.16
323	0.32	DIS28	-0.0274	323-1	0.32
323	0.	DIS29	0.0372	323-1	0.
323	0.16	DIS29	-0.0146	323-1	0.16
323	0.32	DIS29	-0.0665	323-1	0.32
323	0.	DIS30	0.0372	323-1	0.
323	0.16	DIS30	-0.0146	323-1	0.16
323	0.32	DIS30	-0.0665	323-1	0.32
323	0.	DIS31	0.039	323-1	0.
323	0.16	DIS31	-0.0153	323-1	0.16
323	0.32	DIS31	-0.0697	323-1	0.32
323	0.	DIS32	0.0179	323-1	0.
323	0.16	DIS32	-0.007	323-1	0.16
323	0.32	DIS32	-0.0319	323-1	0.32
323	0.	DIS33	0.0179	323-1	0.
323	0.16	DIS33	-0.007	323-1	0.16
323	0.32	DIS33	-0.0319	323-1	0.32
323	0.	DIS34	0.0197	323-1	0.
323	0.16	DIS34	-0.0077	323-1	0.16
323	0.32	DIS34	-0.0351	323-1	0.32
323	0.	DIS35	0.0179	323-1	0.
323	0.16	DIS35	-0.007	323-1	0.16
323	0.32	DIS35	-0.0319	323-1	0.32
323	0.	DIS36	0.0179	323-1	0.
323	0.16	DIS36	-0.007	323-1	0.16
323	0.32	DIS36	-0.0319	323-1	0.32
323	0.	DIS37	0.0197	323-1	0.
323	0.16	DIS37	-0.0077	323-1	0.16
323	0.32	DIS37	-0.0351	323-1	0.32
323	0.	DIS38	0.0273	323-1	0.
323	0.16	DIS38	-0.0107	323-1	0.16
323	0.32	DIS38	-0.0488	323-1	0.32
323	0.	DIS39	0.0273	323-1	0.
323	0.16	DIS39	-0.0107	323-1	0.16
323	0.32	DIS39	-0.0488	323-1	0.32
323	0.	DIS40	0.0307	323-1	0.
323	0.16	DIS40	-0.0121	323-1	0.16
323	0.32	DIS40	-0.0549	323-1	0.32
323	0.	DIS41	0.0213	323-1	0.
323	0.16	DIS41	-0.0083	323-1	0.16
323	0.32	DIS41	-0.038	323-1	0.32
323	0.	DIS42	0.0213	323-1	0.
323	0.16	DIS42	-0.0083	323-1	0.16
323	0.32	DIS42	-0.038	323-1	0.32
323	0.	DIS43	0.0247	323-1	0.
323	0.16	DIS43	-0.0097	323-1	0.16
323	0.32	DIS43	-0.0441	323-1	0.32
323	0.	DIS44	0.0213	323-1	0.
323	0.16	DIS44	-0.0083	323-1	0.16
323	0.32	DIS44	-0.038	323-1	0.32
323	0.	DIS45	0.0213	323-1	0.
323	0.16	DIS45	-0.0083	323-1	0.16
323	0.32	DIS45	-0.038	323-1	0.32
323	0.	DIS46	0.0247	323-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
323	0.16	DIS46	-0.0097	323-1	0.16
323	0.32	DIS46	-0.0441	323-1	0.32
323	0.	DIS47	0.0145	323-1	0.
323	0.16	DIS47	-0.0057	323-1	0.16
323	0.32	DIS47	-0.0258	323-1	0.32
323	0.	DIS48	0.0145	323-1	0.
323	0.16	DIS48	-0.0057	323-1	0.16
323	0.32	DIS48	-0.0258	323-1	0.32
323	0.	DIS49	0.013	323-1	0.
323	0.16	DIS49	-0.0056	323-1	0.16
323	0.32	DIS49	-0.0241	323-1	0.32
323	0.	DIS50	0.0159	323-1	0.
323	0.16	DIS50	-0.0058	323-1	0.16
323	0.32	DIS50	-0.0274	323-1	0.32
323	0.	DIS51	0.0177	323-1	0.
323	0.16	DIS51	-0.0069	323-1	0.16
323	0.32	DIS51	-0.0315	323-1	0.32
323	0.	DIS52	0.0177	323-1	0.
323	0.16	DIS52	-0.0069	323-1	0.16
323	0.32	DIS52	-0.0315	323-1	0.32
323	0.	DIS53	0.0211	323-1	0.
323	0.16	DIS53	-0.0083	323-1	0.16
323	0.32	DIS53	-0.0376	323-1	0.32
323	0.	DIS54	0.0109	323-1	0.
323	0.16	DIS54	-0.0042	323-1	0.16
323	0.32	DIS54	-0.0193	323-1	0.32
323	0.	DIS55	0.0109	323-1	0.
323	0.16	DIS55	-0.0042	323-1	0.16
323	0.32	DIS55	-0.0193	323-1	0.32
323	0.	DIS56	0.0098	323-1	0.
323	0.16	DIS56	-0.0042	323-1	0.16
323	0.32	DIS56	-0.0181	323-1	0.32
323	0.	DIS57	0.0119	323-1	0.
323	0.16	DIS57	-0.0043	323-1	0.16
323	0.32	DIS57	-0.0206	323-1	0.32
336	0.	DEAD	-0.0121	336-1	0.
336	0.45	DEAD	0.0081	336-1	0.45
336	0.	L	0.	336-1	0.
336	0.45	L	0.	336-1	0.45
336	0.	Lr	-0.0121	336-1	0.
336	0.45	Lr	0.0089	336-1	0.45
336	0.	G	0.	336-1	0.
336	0.45	G	0.	336-1	0.45
336	0.	Le	0.	336-1	0.
336	0.45	Le	0.	336-1	0.45
336	0.	Wx	-0.0068	336-1	0.
336	0.45	Wx	0.005	336-1	0.45
336	0.	Wy	-0.0068	336-1	0.
336	0.45	Wy	0.005	336-1	0.45
336	0.	CFx D	4.108E-06	336-1	0.
336	0.45	CFx D	5.994E-07	336-1	0.45
336	0.	CFy D	0.	336-1	0.
336	0.45	CFy D	0.0016	336-1	0.45
336	0.	CFx L	0.	336-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
336	0.45	CFx L	0.	336-1	0.45
336	0.	CFy L	0.	336-1	0.
336	0.45	CFy L	0.	336-1	0.45
336	0.	CFx Lr	3.790E-06	336-1	0.
336	0.45	CFx Lr	1.008E-06	336-1	0.45
336	0.	CFy Lr	0.	336-1	0.
336	0.45	CFy Lr	0.0015	336-1	0.45
336	0.	DIS01	-0.0169	336-1	0.
336	0.45	DIS01	0.0114	336-1	0.45
336	0.	DIS02	-0.0169	336-1	0.
336	0.45	DIS02	0.0114	336-1	0.45
336	0.	DIS03	-0.0169	336-1	0.
336	0.45	DIS03	0.0137	336-1	0.45
336	0.	DIS04	-0.0169	336-1	0.
336	0.45	DIS04	0.0091	336-1	0.45
336	0.	DIS05	-0.0205	336-1	0.
336	0.45	DIS05	0.0142	336-1	0.45
336	0.	DIS06	-0.0205	336-1	0.
336	0.45	DIS06	0.0142	336-1	0.45
336	0.	DIS07	-0.0205	336-1	0.
336	0.45	DIS07	0.017	336-1	0.45
336	0.	DIS08	-0.0205	336-1	0.
336	0.45	DIS08	0.0115	336-1	0.45
336	0.	DIS09	-0.0145	336-1	0.
336	0.45	DIS09	0.0098	336-1	0.45
336	0.	DIS10	-0.0145	336-1	0.
336	0.45	DIS10	0.0098	336-1	0.45
336	0.	DIS11	-0.0145	336-1	0.
336	0.45	DIS11	0.0117	336-1	0.45
336	0.	DIS12	-0.0145	336-1	0.
336	0.45	DIS12	0.0078	336-1	0.45
336	0.	DIS13	-0.0145	336-1	0.
336	0.45	DIS13	0.0098	336-1	0.45
336	0.	DIS14	-0.0145	336-1	0.
336	0.45	DIS14	0.0098	336-1	0.45
336	0.	DIS15	-0.0145	336-1	0.
336	0.45	DIS15	0.0117	336-1	0.45
336	0.	DIS16	-0.0145	336-1	0.
336	0.45	DIS16	0.0078	336-1	0.45
336	0.	DIS17	-0.0338	336-1	0.
336	0.45	DIS17	0.024	336-1	0.45
336	0.	DIS18	-0.0338	336-1	0.
336	0.45	DIS18	0.024	336-1	0.45
336	0.	DIS19	-0.0338	336-1	0.
336	0.45	DIS19	0.0284	336-1	0.45
336	0.	DIS20	-0.0338	336-1	0.
336	0.45	DIS20	0.0196	336-1	0.45
336	0.	DIS21	-0.0145	336-1	0.
336	0.45	DIS21	0.0098	336-1	0.45
336	0.	DIS22	-0.0145	336-1	0.
336	0.45	DIS22	0.0098	336-1	0.45
336	0.	DIS23	-0.0145	336-1	0.
336	0.45	DIS23	0.0117	336-1	0.45
336	0.	DIS24	-0.0145	336-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
336	0.45	DIS24	0.0078	336-1	0.45
336	0.	DIS25	-0.0145	336-1	0.
336	0.45	DIS25	0.0098	336-1	0.45
336	0.	DIS26	-0.0145	336-1	0.
336	0.45	DIS26	0.0098	336-1	0.45
336	0.	DIS27	-0.0145	336-1	0.
336	0.45	DIS27	0.0117	336-1	0.45
336	0.	DIS28	-0.0145	336-1	0.
336	0.45	DIS28	0.0078	336-1	0.45
336	0.	DIS29	-0.0372	336-1	0.
336	0.45	DIS29	0.0265	336-1	0.45
336	0.	DIS30	-0.0372	336-1	0.
336	0.45	DIS30	0.0265	336-1	0.45
336	0.	DIS31	-0.039	336-1	0.
336	0.45	DIS31	0.0278	336-1	0.45
336	0.	DIS32	-0.0179	336-1	0.
336	0.45	DIS32	0.0123	336-1	0.45
336	0.	DIS33	-0.0179	336-1	0.
336	0.45	DIS33	0.0123	336-1	0.45
336	0.	DIS34	-0.0197	336-1	0.
336	0.45	DIS34	0.0136	336-1	0.45
336	0.	DIS35	-0.0179	336-1	0.
336	0.45	DIS35	0.0123	336-1	0.45
336	0.	DIS36	-0.0179	336-1	0.
336	0.45	DIS36	0.0123	336-1	0.45
336	0.	DIS37	-0.0197	336-1	0.
336	0.45	DIS37	0.0136	336-1	0.45
336	0.	DIS38	-0.0273	336-1	0.
336	0.45	DIS38	0.0192	336-1	0.45
336	0.	DIS39	-0.0273	336-1	0.
336	0.45	DIS39	0.0192	336-1	0.45
336	0.	DIS40	-0.0307	336-1	0.
336	0.45	DIS40	0.0217	336-1	0.45
336	0.	DIS41	-0.0213	336-1	0.
336	0.45	DIS41	0.0148	336-1	0.45
336	0.	DIS42	-0.0213	336-1	0.
336	0.45	DIS42	0.0148	336-1	0.45
336	0.	DIS43	-0.0247	336-1	0.
336	0.45	DIS43	0.0173	336-1	0.45
336	0.	DIS44	-0.0213	336-1	0.
336	0.45	DIS44	0.0148	336-1	0.45
336	0.	DIS45	-0.0213	336-1	0.
336	0.45	DIS45	0.0148	336-1	0.45
336	0.	DIS46	-0.0247	336-1	0.
336	0.45	DIS46	0.0173	336-1	0.45
336	0.	DIS47	-0.0145	336-1	0.
336	0.45	DIS47	0.0098	336-1	0.45
336	0.	DIS48	-0.0145	336-1	0.
336	0.45	DIS48	0.0098	336-1	0.45
336	0.	DIS49	-0.0145	336-1	0.
336	0.45	DIS49	0.0117	336-1	0.45
336	0.	DIS50	-0.0145	336-1	0.
336	0.45	DIS50	0.0078	336-1	0.45
336	0.	DIS51	-0.0177	336-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
336	0.45	DIS51	0.0123	336-1	0.45
336	0.	DIS52	-0.0177	336-1	0.
336	0.45	DIS52	0.0123	336-1	0.45
336	0.	DIS53	-0.0211	336-1	0.
336	0.45	DIS53	0.0148	336-1	0.45
336	0.	DIS54	-0.0109	336-1	0.
336	0.45	DIS54	0.0073	336-1	0.45
336	0.	DIS55	-0.0109	336-1	0.
336	0.45	DIS55	0.0073	336-1	0.45
336	0.	DIS56	-0.0109	336-1	0.
336	0.45	DIS56	0.0088	336-1	0.45
336	0.	DIS57	-0.0109	336-1	0.
336	0.45	DIS57	0.0058	336-1	0.45
337	0.	DEAD	0.0025	337-1	0.
337	0.45	DEAD	0.0072	337-1	0.45
337	0.9	DEAD	0.0082	337-1	0.9
337	0.	L	0.	337-1	0.
337	0.45	L	0.	337-1	0.45
337	0.9	L	0.	337-1	0.9
337	0.	Lr	0.0034	337-1	0.
337	0.45	Lr	0.0064	337-1	0.45
337	0.9	Lr	0.0093	337-1	0.9
337	0.	G	0.	337-1	0.
337	0.45	G	0.	337-1	0.45
337	0.9	G	0.	337-1	0.9
337	0.	Le	0.	337-1	0.
337	0.45	Le	0.	337-1	0.45
337	0.9	Le	0.	337-1	0.9
337	0.	Wx	0.0019	337-1	0.
337	0.45	Wx	0.0036	337-1	0.45
337	0.9	Wx	0.0053	337-1	0.9
337	0.	Wy	0.0019	337-1	0.
337	0.45	Wy	0.0036	337-1	0.45
337	0.9	Wy	0.0053	337-1	0.9
337	0.	CFx D	2.741E-06	337-1	0.
337	0.45	CFx D	3.568E-06	337-1	0.45
337	0.9	CFx D	4.395E-06	337-1	0.9
337	0.	CFy D	0.0021	337-1	0.
337	0.45	CFy D	0.0033	337-1	0.45
337	0.9	CFy D	0.0046	337-1	0.9
337	0.	CFx L	0.	337-1	0.
337	0.45	CFx L	0.	337-1	0.45
337	0.9	CFx L	0.	337-1	0.9
337	0.	CFy L	0.	337-1	0.
337	0.45	CFy L	0.	337-1	0.45
337	0.9	CFy L	0.	337-1	0.9
337	0.	CFx Lr	2.359E-06	337-1	0.
337	0.45	CFx Lr	3.523E-06	337-1	0.45
337	0.9	CFx Lr	4.687E-06	337-1	0.9
337	0.	CFy Lr	0.0021	337-1	0.
337	0.45	CFy Lr	0.0031	337-1	0.45
337	0.9	CFy Lr	0.0041	337-1	0.9
337	0.	DIS01	0.0036	337-1	0.
337	0.45	DIS01	0.0101	337-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
337	0.9	DIS01	0.0115	337-1	0.9
337	0.	DIS02	0.0036	337-1	0.
337	0.45	DIS02	0.0101	337-1	0.45
337	0.9	DIS02	0.0115	337-1	0.9
337	0.	DIS03	0.0065	337-1	0.
337	0.45	DIS03	0.0147	337-1	0.45
337	0.9	DIS03	0.0179	337-1	0.9
337	0.	DIS04	6.541E-04	337-1	0.
337	0.45	DIS04	0.0054	337-1	0.45
337	0.9	DIS04	0.005	337-1	0.9
337	0.	DIS05	0.0048	337-1	0.
337	0.45	DIS05	0.0118	337-1	0.45
337	0.9	DIS05	0.0145	337-1	0.9
337	0.	DIS06	0.0047	337-1	0.
337	0.45	DIS06	0.0118	337-1	0.45
337	0.9	DIS06	0.0145	337-1	0.9
337	0.	DIS07	0.0083	337-1	0.
337	0.45	DIS07	0.0173	337-1	0.45
337	0.9	DIS07	0.0221	337-1	0.9
337	0.	DIS08	0.0012	337-1	0.
337	0.45	DIS08	0.0063	337-1	0.45
337	0.9	DIS08	0.007	337-1	0.9
337	0.	DIS09	0.0031	337-1	0.
337	0.45	DIS09	0.0086	337-1	0.45
337	0.9	DIS09	0.0099	337-1	0.9
337	0.	DIS10	0.003	337-1	0.
337	0.45	DIS10	0.0086	337-1	0.45
337	0.9	DIS10	0.0098	337-1	0.9
337	0.	DIS11	0.0055	337-1	0.
337	0.45	DIS11	0.0126	337-1	0.45
337	0.9	DIS11	0.0154	337-1	0.9
337	0.	DIS12	5.607E-04	337-1	0.
337	0.45	DIS12	0.0046	337-1	0.45
337	0.9	DIS12	0.0043	337-1	0.9
337	0.	DIS13	0.0031	337-1	0.
337	0.45	DIS13	0.0086	337-1	0.45
337	0.9	DIS13	0.0099	337-1	0.9
337	0.	DIS14	0.003	337-1	0.
337	0.45	DIS14	0.0086	337-1	0.45
337	0.9	DIS14	0.0098	337-1	0.9
337	0.	DIS15	0.0055	337-1	0.
337	0.45	DIS15	0.0126	337-1	0.45
337	0.9	DIS15	0.0154	337-1	0.9
337	0.	DIS16	5.607E-04	337-1	0.
337	0.45	DIS16	0.0046	337-1	0.45
337	0.9	DIS16	0.0043	337-1	0.9
337	0.	DIS17	0.0085	337-1	0.
337	0.45	DIS17	0.0188	337-1	0.45
337	0.9	DIS17	0.0248	337-1	0.9
337	0.	DIS18	0.0085	337-1	0.
337	0.45	DIS18	0.0188	337-1	0.45
337	0.9	DIS18	0.0248	337-1	0.9
337	0.	DIS19	0.0143	337-1	0.
337	0.45	DIS19	0.0277	337-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
337	0.9	DIS19	0.0368	337-1	0.9
337	0.	DIS20	0.0027	337-1	0.
337	0.45	DIS20	0.0099	337-1	0.45
337	0.9	DIS20	0.0128	337-1	0.9
337	0.	DIS21	0.0031	337-1	0.
337	0.45	DIS21	0.0086	337-1	0.45
337	0.9	DIS21	0.0099	337-1	0.9
337	0.	DIS22	0.003	337-1	0.
337	0.45	DIS22	0.0086	337-1	0.45
337	0.9	DIS22	0.0098	337-1	0.9
337	0.	DIS23	0.0055	337-1	0.
337	0.45	DIS23	0.0126	337-1	0.45
337	0.9	DIS23	0.0154	337-1	0.9
337	0.	DIS24	5.607E-04	337-1	0.
337	0.45	DIS24	0.0046	337-1	0.45
337	0.9	DIS24	0.0043	337-1	0.9
337	0.	DIS25	0.0031	337-1	0.
337	0.45	DIS25	0.0086	337-1	0.45
337	0.9	DIS25	0.0099	337-1	0.9
337	0.	DIS26	0.003	337-1	0.
337	0.45	DIS26	0.0086	337-1	0.45
337	0.9	DIS26	0.0098	337-1	0.9
337	0.	DIS27	0.0055	337-1	0.
337	0.45	DIS27	0.0126	337-1	0.45
337	0.9	DIS27	0.0154	337-1	0.9
337	0.	DIS28	5.607E-04	337-1	0.
337	0.45	DIS28	0.0046	337-1	0.45
337	0.9	DIS28	0.0043	337-1	0.9
337	0.	DIS29	0.0095	337-1	0.
337	0.45	DIS29	0.0206	337-1	0.45
337	0.9	DIS29	0.0274	337-1	0.9
337	0.	DIS30	0.0095	337-1	0.
337	0.45	DIS30	0.0206	337-1	0.45
337	0.9	DIS30	0.0274	337-1	0.9
337	0.	DIS31	0.01	337-1	0.
337	0.45	DIS31	0.0216	337-1	0.45
337	0.9	DIS31	0.0288	337-1	0.9
337	0.	DIS32	0.004	337-1	0.
337	0.45	DIS32	0.0104	337-1	0.45
337	0.9	DIS32	0.0125	337-1	0.9
337	0.	DIS33	0.004	337-1	0.
337	0.45	DIS33	0.0104	337-1	0.45
337	0.9	DIS33	0.0125	337-1	0.9
337	0.	DIS34	0.0045	337-1	0.
337	0.45	DIS34	0.0113	337-1	0.45
337	0.9	DIS34	0.0138	337-1	0.9
337	0.	DIS35	0.004	337-1	0.
337	0.45	DIS35	0.0104	337-1	0.45
337	0.9	DIS35	0.0125	337-1	0.9
337	0.	DIS36	0.004	337-1	0.
337	0.45	DIS36	0.0104	337-1	0.45
337	0.9	DIS36	0.0125	337-1	0.9
337	0.	DIS37	0.0045	337-1	0.
337	0.45	DIS37	0.0113	337-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
337	0.9	DIS37	0.0138	337-1	0.9
337	0.	DIS38	0.0067	337-1	0.
337	0.45	DIS38	0.0154	337-1	0.45
337	0.9	DIS38	0.0198	337-1	0.9
337	0.	DIS39	0.0067	337-1	0.
337	0.45	DIS39	0.0154	337-1	0.45
337	0.9	DIS39	0.0198	337-1	0.9
337	0.	DIS40	0.0076	337-1	0.
337	0.45	DIS40	0.0172	337-1	0.45
337	0.9	DIS40	0.0224	337-1	0.9
337	0.	DIS41	0.005	337-1	0.
337	0.45	DIS41	0.0122	337-1	0.45
337	0.9	DIS41	0.0151	337-1	0.9
337	0.	DIS42	0.005	337-1	0.
337	0.45	DIS42	0.0122	337-1	0.45
337	0.9	DIS42	0.0151	337-1	0.9
337	0.	DIS43	0.0059	337-1	0.
337	0.45	DIS43	0.014	337-1	0.45
337	0.9	DIS43	0.0177	337-1	0.9
337	0.	DIS44	0.005	337-1	0.
337	0.45	DIS44	0.0122	337-1	0.45
337	0.9	DIS44	0.0151	337-1	0.9
337	0.	DIS45	0.005	337-1	0.
337	0.45	DIS45	0.0122	337-1	0.45
337	0.9	DIS45	0.0151	337-1	0.9
337	0.	DIS46	0.0059	337-1	0.
337	0.45	DIS46	0.014	337-1	0.45
337	0.9	DIS46	0.0177	337-1	0.9
337	0.	DIS47	0.0031	337-1	0.
337	0.45	DIS47	0.0086	337-1	0.45
337	0.9	DIS47	0.0099	337-1	0.9
337	0.	DIS48	0.003	337-1	0.
337	0.45	DIS48	0.0086	337-1	0.45
337	0.9	DIS48	0.0098	337-1	0.9
337	0.	DIS49	0.0055	337-1	0.
337	0.45	DIS49	0.0126	337-1	0.45
337	0.9	DIS49	0.0154	337-1	0.9
337	0.	DIS50	5.607E-04	337-1	0.
337	0.45	DIS50	0.0046	337-1	0.45
337	0.9	DIS50	0.0043	337-1	0.9
337	0.	DIS51	0.0042	337-1	0.
337	0.45	DIS51	0.0101	337-1	0.45
337	0.9	DIS51	0.0127	337-1	0.9
337	0.	DIS52	0.0042	337-1	0.
337	0.45	DIS52	0.0101	337-1	0.45
337	0.9	DIS52	0.0127	337-1	0.9
337	0.	DIS53	0.0052	337-1	0.
337	0.45	DIS53	0.0119	337-1	0.45
337	0.9	DIS53	0.0153	337-1	0.9
337	0.	DIS54	0.0023	337-1	0.
337	0.45	DIS54	0.0065	337-1	0.45
337	0.9	DIS54	0.0074	337-1	0.9
337	0.	DIS55	0.0023	337-1	0.
337	0.45	DIS55	0.0065	337-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
337	0.9	DIS55	0.0074	337-1	0.9
337	0.	DIS56	0.0042	337-1	0.
337	0.45	DIS56	0.0095	337-1	0.45
337	0.9	DIS56	0.0115	337-1	0.9
337	0.	DIS57	4.205E-04	337-1	0.
337	0.45	DIS57	0.0035	337-1	0.45
337	0.9	DIS57	0.0032	337-1	0.9
338	0.	DEAD	0.0081	338-1	0.
338	0.45	DEAD	0.0119	338-1	0.45
338	0.9	DEAD	0.0122	338-1	0.9
338	0.	L	0.	338-1	0.
338	0.45	L	0.	338-1	0.45
338	0.9	L	0.	338-1	0.9
338	0.	Lr	0.0092	338-1	0.
338	0.45	Lr	0.0112	338-1	0.45
338	0.9	Lr	0.0132	338-1	0.9
338	0.	G	0.	338-1	0.
338	0.45	G	0.	338-1	0.45
338	0.9	G	0.	338-1	0.9
338	0.	Le	0.	338-1	0.
338	0.45	Le	0.	338-1	0.45
338	0.9	Le	0.	338-1	0.9
338	0.	Wx	0.0052	338-1	0.
338	0.45	Wx	0.0063	338-1	0.45
338	0.9	Wx	0.0074	338-1	0.9
338	0.	Wy	0.0052	338-1	0.
338	0.45	Wy	0.0063	338-1	0.45
338	0.9	Wy	0.0074	338-1	0.9
338	0.	CFx D	5.016E-06	338-1	0.
338	0.45	CFx D	3.968E-06	338-1	0.45
338	0.9	CFx D	2.919E-06	338-1	0.9
338	0.	CFy D	0.0049	338-1	0.
338	0.45	CFy D	0.0064	338-1	0.45
338	0.9	CFy D	0.008	338-1	0.9
338	0.	CFx L	0.	338-1	0.
338	0.45	CFx L	0.	338-1	0.45
338	0.9	CFx L	0.	338-1	0.9
338	0.	CFy L	0.	338-1	0.
338	0.45	CFy L	0.	338-1	0.45
338	0.9	CFy L	0.	338-1	0.9
338	0.	CFx Lr	4.567E-06	338-1	0.
338	0.45	CFx Lr	3.906E-06	338-1	0.45
338	0.9	CFx Lr	3.245E-06	338-1	0.9
338	0.	CFy Lr	0.0042	338-1	0.
338	0.45	CFy Lr	0.0063	338-1	0.45
338	0.9	CFy Lr	0.0085	338-1	0.9
338	0.	DIS01	0.0113	338-1	0.
338	0.45	DIS01	0.0167	338-1	0.45
338	0.9	DIS01	0.017	338-1	0.9
338	0.	DIS02	0.0113	338-1	0.
338	0.45	DIS02	0.0167	338-1	0.45
338	0.9	DIS02	0.017	338-1	0.9
338	0.	DIS03	0.0182	338-1	0.
338	0.45	DIS03	0.0257	338-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
338	0.9	DIS03	0.0282	338-1	0.9
338	0.	DIS04	0.0045	338-1	0.
338	0.45	DIS04	0.0077	338-1	0.45
338	0.9	DIS04	0.0059	338-1	0.9
338	0.	DIS05	0.0143	338-1	0.
338	0.45	DIS05	0.0199	338-1	0.45
338	0.9	DIS05	0.0212	338-1	0.9
338	0.	DIS06	0.0143	338-1	0.
338	0.45	DIS06	0.0199	338-1	0.45
338	0.9	DIS06	0.0212	338-1	0.9
338	0.	DIS07	0.0222	338-1	0.
338	0.45	DIS07	0.0308	338-1	0.45
338	0.9	DIS07	0.035	338-1	0.9
338	0.	DIS08	0.0064	338-1	0.
338	0.45	DIS08	0.009	338-1	0.45
338	0.9	DIS08	0.0073	338-1	0.9
338	0.	DIS09	0.0097	338-1	0.
338	0.45	DIS09	0.0143	338-1	0.45
338	0.9	DIS09	0.0146	338-1	0.9
338	0.	DIS10	0.0097	338-1	0.
338	0.45	DIS10	0.0143	338-1	0.45
338	0.9	DIS10	0.0146	338-1	0.9
338	0.	DIS11	0.0156	338-1	0.
338	0.45	DIS11	0.022	338-1	0.45
338	0.9	DIS11	0.0241	338-1	0.9
338	0.	DIS12	0.0038	338-1	0.
338	0.45	DIS12	0.0066	338-1	0.45
338	0.9	DIS12	0.005	338-1	0.9
338	0.	DIS13	0.0097	338-1	0.
338	0.45	DIS13	0.0143	338-1	0.45
338	0.9	DIS13	0.0146	338-1	0.9
338	0.	DIS14	0.0097	338-1	0.
338	0.45	DIS14	0.0143	338-1	0.45
338	0.9	DIS14	0.0146	338-1	0.9
338	0.	DIS15	0.0156	338-1	0.
338	0.45	DIS15	0.022	338-1	0.45
338	0.9	DIS15	0.0241	338-1	0.9
338	0.	DIS16	0.0038	338-1	0.
338	0.45	DIS16	0.0066	338-1	0.45
338	0.9	DIS16	0.005	338-1	0.9
338	0.	DIS17	0.0245	338-1	0.
338	0.45	DIS17	0.0322	338-1	0.45
338	0.9	DIS17	0.0357	338-1	0.9
338	0.	DIS18	0.0244	338-1	0.
338	0.45	DIS18	0.0322	338-1	0.45
338	0.9	DIS18	0.0356	338-1	0.9
338	0.	DIS19	0.037	338-1	0.
338	0.45	DIS19	0.0501	338-1	0.45
338	0.9	DIS19	0.0589	338-1	0.9
338	0.	DIS20	0.012	338-1	0.
338	0.45	DIS20	0.0144	338-1	0.45
338	0.9	DIS20	0.0124	338-1	0.9
338	0.	DIS21	0.0097	338-1	0.
338	0.45	DIS21	0.0143	338-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
338	0.9	DIS21	0.0146	338-1	0.9
338	0.	DIS22	0.0097	338-1	0.
338	0.45	DIS22	0.0143	338-1	0.45
338	0.9	DIS22	0.0146	338-1	0.9
338	0.	DIS23	0.0156	338-1	0.
338	0.45	DIS23	0.022	338-1	0.45
338	0.9	DIS23	0.0241	338-1	0.9
338	0.	DIS24	0.0038	338-1	0.
338	0.45	DIS24	0.0066	338-1	0.45
338	0.9	DIS24	0.005	338-1	0.9
338	0.	DIS25	0.0097	338-1	0.
338	0.45	DIS25	0.0143	338-1	0.45
338	0.9	DIS25	0.0146	338-1	0.9
338	0.	DIS26	0.0097	338-1	0.
338	0.45	DIS26	0.0143	338-1	0.45
338	0.9	DIS26	0.0146	338-1	0.9
338	0.	DIS27	0.0156	338-1	0.
338	0.45	DIS27	0.022	338-1	0.45
338	0.9	DIS27	0.0241	338-1	0.9
338	0.	DIS28	0.0038	338-1	0.
338	0.45	DIS28	0.0066	338-1	0.45
338	0.9	DIS28	0.005	338-1	0.9
338	0.	DIS29	0.0271	338-1	0.
338	0.45	DIS29	0.0354	338-1	0.45
338	0.9	DIS29	0.0394	338-1	0.9
338	0.	DIS30	0.0271	338-1	0.
338	0.45	DIS30	0.0354	338-1	0.45
338	0.9	DIS30	0.0394	338-1	0.9
338	0.	DIS31	0.0284	338-1	0.
338	0.45	DIS31	0.037	338-1	0.45
338	0.9	DIS31	0.0413	338-1	0.9
338	0.	DIS32	0.0123	338-1	0.
338	0.45	DIS32	0.0175	338-1	0.45
338	0.9	DIS32	0.0183	338-1	0.9
338	0.	DIS33	0.0123	338-1	0.
338	0.45	DIS33	0.0175	338-1	0.45
338	0.9	DIS33	0.0183	338-1	0.9
338	0.	DIS34	0.0137	338-1	0.
338	0.45	DIS34	0.0191	338-1	0.45
338	0.9	DIS34	0.0202	338-1	0.9
338	0.	DIS35	0.0123	338-1	0.
338	0.45	DIS35	0.0175	338-1	0.45
338	0.9	DIS35	0.0183	338-1	0.9
338	0.	DIS36	0.0123	338-1	0.
338	0.45	DIS36	0.0175	338-1	0.45
338	0.9	DIS36	0.0183	338-1	0.9
338	0.	DIS37	0.0137	338-1	0.
338	0.45	DIS37	0.0191	338-1	0.45
338	0.9	DIS37	0.0202	338-1	0.9
338	0.	DIS38	0.0195	338-1	0.
338	0.45	DIS38	0.0262	338-1	0.45
338	0.9	DIS38	0.0286	338-1	0.9
338	0.	DIS39	0.0195	338-1	0.
338	0.45	DIS39	0.0262	338-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
338	0.9	DIS39	0.0286	338-1	0.9
338	0.	DIS40	0.0221	338-1	0.
338	0.45	DIS40	0.0294	338-1	0.45
338	0.9	DIS40	0.0323	338-1	0.9
338	0.	DIS41	0.0149	338-1	0.
338	0.45	DIS41	0.0206	338-1	0.45
338	0.9	DIS41	0.022	338-1	0.9
338	0.	DIS42	0.0149	338-1	0.
338	0.45	DIS42	0.0206	338-1	0.45
338	0.9	DIS42	0.022	338-1	0.9
338	0.	DIS43	0.0175	338-1	0.
338	0.45	DIS43	0.0238	338-1	0.45
338	0.9	DIS43	0.0257	338-1	0.9
338	0.	DIS44	0.0149	338-1	0.
338	0.45	DIS44	0.0206	338-1	0.45
338	0.9	DIS44	0.022	338-1	0.9
338	0.	DIS45	0.0149	338-1	0.
338	0.45	DIS45	0.0206	338-1	0.45
338	0.9	DIS45	0.022	338-1	0.9
338	0.	DIS46	0.0175	338-1	0.
338	0.45	DIS46	0.0238	338-1	0.45
338	0.9	DIS46	0.0257	338-1	0.9
338	0.	DIS47	0.0097	338-1	0.
338	0.45	DIS47	0.0143	338-1	0.45
338	0.9	DIS47	0.0146	338-1	0.9
338	0.	DIS48	0.0097	338-1	0.
338	0.45	DIS48	0.0143	338-1	0.45
338	0.9	DIS48	0.0146	338-1	0.9
338	0.	DIS49	0.0156	338-1	0.
338	0.45	DIS49	0.022	338-1	0.45
338	0.9	DIS49	0.0241	338-1	0.9
338	0.	DIS50	0.0038	338-1	0.
338	0.45	DIS50	0.0066	338-1	0.45
338	0.9	DIS50	0.005	338-1	0.9
338	0.	DIS51	0.0125	338-1	0.
338	0.45	DIS51	0.017	338-1	0.45
338	0.9	DIS51	0.0184	338-1	0.9
338	0.	DIS52	0.0125	338-1	0.
338	0.45	DIS52	0.017	338-1	0.45
338	0.9	DIS52	0.0184	338-1	0.9
338	0.	DIS53	0.0151	338-1	0.
338	0.45	DIS53	0.0202	338-1	0.45
338	0.9	DIS53	0.0221	338-1	0.9
338	0.	DIS54	0.0073	338-1	0.
338	0.45	DIS54	0.0107	338-1	0.45
338	0.9	DIS54	0.0109	338-1	0.9
338	0.	DIS55	0.0073	338-1	0.
338	0.45	DIS55	0.0107	338-1	0.45
338	0.9	DIS55	0.0109	338-1	0.9
338	0.	DIS56	0.0117	338-1	0.
338	0.45	DIS56	0.0165	338-1	0.45
338	0.9	DIS56	0.0181	338-1	0.9
338	0.	DIS57	0.0029	338-1	0.
338	0.45	DIS57	0.005	338-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
338	0.9	DIS57	0.0038	338-1	0.9
339	0.	DEAD	0.0115	339-1	0.
339	0.45	DEAD	0.0145	339-1	0.45
339	0.9	DEAD	0.0139	339-1	0.9
339	0.	L	0.	339-1	0.
339	0.45	L	0.	339-1	0.45
339	0.9	L	0.	339-1	0.9
339	0.	Lr	0.0125	339-1	0.
339	0.45	Lr	0.0137	339-1	0.45
339	0.9	Lr	0.0149	339-1	0.9
339	0.	G	0.	339-1	0.
339	0.45	G	0.	339-1	0.45
339	0.9	G	0.	339-1	0.9
339	0.	Le	0.	339-1	0.
339	0.45	Le	0.	339-1	0.45
339	0.9	Le	0.	339-1	0.9
339	0.	Wx	0.0071	339-1	0.
339	0.45	Wx	0.0077	339-1	0.45
339	0.9	Wx	0.0084	339-1	0.9
339	0.	Wy	0.0071	339-1	0.
339	0.45	Wy	0.0077	339-1	0.45
339	0.9	Wy	0.0084	339-1	0.9
339	0.	CFx D	3.856E-06	339-1	0.
339	0.45	CFx D	3.159E-06	339-1	0.45
339	0.9	CFx D	2.462E-06	339-1	0.9
339	0.	CFy D	0.0073	339-1	0.
339	0.45	CFy D	0.0078	339-1	0.45
339	0.9	CFy D	0.0082	339-1	0.9
339	0.	CFx L	0.	339-1	0.
339	0.45	CFx L	0.	339-1	0.45
339	0.9	CFx L	0.	339-1	0.9
339	0.	CFy L	0.	339-1	0.
339	0.45	CFy L	0.	339-1	0.45
339	0.9	CFy L	0.	339-1	0.9
339	0.	CFx Lr	3.431E-06	339-1	0.
339	0.45	CFx Lr	3.112E-06	339-1	0.45
339	0.9	CFx Lr	2.793E-06	339-1	0.9
339	0.	CFy Lr	0.0076	339-1	0.
339	0.45	CFy Lr	0.0078	339-1	0.45
339	0.9	CFy Lr	0.008	339-1	0.9
339	0.	DIS01	0.0161	339-1	0.
339	0.45	DIS01	0.0203	339-1	0.45
339	0.9	DIS01	0.0194	339-1	0.9
339	0.	DIS02	0.0161	339-1	0.
339	0.45	DIS02	0.0203	339-1	0.45
339	0.9	DIS02	0.0194	339-1	0.9
339	0.	DIS03	0.0264	339-1	0.
339	0.45	DIS03	0.0312	339-1	0.45
339	0.9	DIS03	0.0309	339-1	0.9
339	0.	DIS04	0.0059	339-1	0.
339	0.45	DIS04	0.0094	339-1	0.45
339	0.9	DIS04	0.0079	339-1	0.9
339	0.	DIS05	0.0201	339-1	0.
339	0.45	DIS05	0.0243	339-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
339	0.9	DIS05	0.0241	339-1	0.9
339	0.	DIS06	0.0201	339-1	0.
339	0.45	DIS06	0.0242	339-1	0.45
339	0.9	DIS06	0.0241	339-1	0.9
339	0.	DIS07	0.0327	339-1	0.
339	0.45	DIS07	0.0375	339-1	0.45
339	0.9	DIS07	0.0379	339-1	0.9
339	0.	DIS08	0.0075	339-1	0.
339	0.45	DIS08	0.011	339-1	0.45
339	0.9	DIS08	0.0102	339-1	0.9
339	0.	DIS09	0.0138	339-1	0.
339	0.45	DIS09	0.0174	339-1	0.45
339	0.9	DIS09	0.0166	339-1	0.9
339	0.	DIS10	0.0138	339-1	0.
339	0.45	DIS10	0.0174	339-1	0.45
339	0.9	DIS10	0.0166	339-1	0.9
339	0.	DIS11	0.0226	339-1	0.
339	0.45	DIS11	0.0267	339-1	0.45
339	0.9	DIS11	0.0265	339-1	0.9
339	0.	DIS12	0.005	339-1	0.
339	0.45	DIS12	0.0081	339-1	0.45
339	0.9	DIS12	0.0068	339-1	0.9
339	0.	DIS13	0.0138	339-1	0.
339	0.45	DIS13	0.0174	339-1	0.45
339	0.9	DIS13	0.0166	339-1	0.9
339	0.	DIS14	0.0138	339-1	0.
339	0.45	DIS14	0.0174	339-1	0.45
339	0.9	DIS14	0.0166	339-1	0.9
339	0.	DIS15	0.0226	339-1	0.
339	0.45	DIS15	0.0267	339-1	0.45
339	0.9	DIS15	0.0265	339-1	0.9
339	0.	DIS16	0.005	339-1	0.
339	0.45	DIS16	0.0081	339-1	0.45
339	0.9	DIS16	0.0068	339-1	0.9
339	0.	DIS17	0.0339	339-1	0.
339	0.45	DIS17	0.0393	339-1	0.45
339	0.9	DIS17	0.0404	339-1	0.9
339	0.	DIS18	0.0339	339-1	0.
339	0.45	DIS18	0.0393	339-1	0.45
339	0.9	DIS18	0.0404	339-1	0.9
339	0.	DIS19	0.0548	339-1	0.
339	0.45	DIS19	0.0611	339-1	0.45
339	0.9	DIS19	0.0631	339-1	0.9
339	0.	DIS20	0.013	339-1	0.
339	0.45	DIS20	0.0175	339-1	0.45
339	0.9	DIS20	0.0177	339-1	0.9
339	0.	DIS21	0.0138	339-1	0.
339	0.45	DIS21	0.0174	339-1	0.45
339	0.9	DIS21	0.0166	339-1	0.9
339	0.	DIS22	0.0138	339-1	0.
339	0.45	DIS22	0.0174	339-1	0.45
339	0.9	DIS22	0.0166	339-1	0.9
339	0.	DIS23	0.0226	339-1	0.
339	0.45	DIS23	0.0267	339-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
339	0.9	DIS23	0.0265	339-1	0.9
339	0.	DIS24	0.005	339-1	0.
339	0.45	DIS24	0.0081	339-1	0.45
339	0.9	DIS24	0.0068	339-1	0.9
339	0.	DIS25	0.0138	339-1	0.
339	0.45	DIS25	0.0174	339-1	0.45
339	0.9	DIS25	0.0166	339-1	0.9
339	0.	DIS26	0.0138	339-1	0.
339	0.45	DIS26	0.0174	339-1	0.45
339	0.9	DIS26	0.0166	339-1	0.9
339	0.	DIS27	0.0226	339-1	0.
339	0.45	DIS27	0.0267	339-1	0.45
339	0.9	DIS27	0.0265	339-1	0.9
339	0.	DIS28	0.005	339-1	0.
339	0.45	DIS28	0.0081	339-1	0.45
339	0.9	DIS28	0.0068	339-1	0.9
339	0.	DIS29	0.0374	339-1	0.
339	0.45	DIS29	0.0432	339-1	0.45
339	0.9	DIS29	0.0446	339-1	0.9
339	0.	DIS30	0.0374	339-1	0.
339	0.45	DIS30	0.0432	339-1	0.45
339	0.9	DIS30	0.0446	339-1	0.9
339	0.	DIS31	0.0392	339-1	0.
339	0.45	DIS31	0.0452	339-1	0.45
339	0.9	DIS31	0.0468	339-1	0.9
339	0.	DIS32	0.0174	339-1	0.
339	0.45	DIS32	0.0213	339-1	0.45
339	0.9	DIS32	0.0208	339-1	0.9
339	0.	DIS33	0.0174	339-1	0.
339	0.45	DIS33	0.0213	339-1	0.45
339	0.9	DIS33	0.0208	339-1	0.9
339	0.	DIS34	0.0192	339-1	0.
339	0.45	DIS34	0.0233	339-1	0.45
339	0.9	DIS34	0.023	339-1	0.9
339	0.	DIS35	0.0174	339-1	0.
339	0.45	DIS35	0.0213	339-1	0.45
339	0.9	DIS35	0.0208	339-1	0.9
339	0.	DIS36	0.0174	339-1	0.
339	0.45	DIS36	0.0213	339-1	0.45
339	0.9	DIS36	0.0208	339-1	0.9
339	0.	DIS37	0.0192	339-1	0.
339	0.45	DIS37	0.0233	339-1	0.45
339	0.9	DIS37	0.023	339-1	0.9
339	0.	DIS38	0.0271	339-1	0.
339	0.45	DIS38	0.032	339-1	0.45
339	0.9	DIS38	0.0324	339-1	0.9
339	0.	DIS39	0.0271	339-1	0.
339	0.45	DIS39	0.032	339-1	0.45
339	0.9	DIS39	0.0324	339-1	0.9
339	0.	DIS40	0.0307	339-1	0.
339	0.45	DIS40	0.0358	339-1	0.45
339	0.9	DIS40	0.0366	339-1	0.9
339	0.	DIS41	0.0209	339-1	0.
339	0.45	DIS41	0.0251	339-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
339	0.9	DIS41	0.025	339-1	0.9
339	0.	DIS42	0.0209	339-1	0.
339	0.45	DIS42	0.0251	339-1	0.45
339	0.9	DIS42	0.025	339-1	0.9
339	0.	DIS43	0.0244	339-1	0.
339	0.45	DIS43	0.029	339-1	0.45
339	0.9	DIS43	0.0292	339-1	0.9
339	0.	DIS44	0.0209	339-1	0.
339	0.45	DIS44	0.0251	339-1	0.45
339	0.9	DIS44	0.025	339-1	0.9
339	0.	DIS45	0.0209	339-1	0.
339	0.45	DIS45	0.0251	339-1	0.45
339	0.9	DIS45	0.025	339-1	0.9
339	0.	DIS46	0.0244	339-1	0.
339	0.45	DIS46	0.029	339-1	0.45
339	0.9	DIS46	0.0292	339-1	0.9
339	0.	DIS47	0.0138	339-1	0.
339	0.45	DIS47	0.0174	339-1	0.45
339	0.9	DIS47	0.0166	339-1	0.9
339	0.	DIS48	0.0138	339-1	0.
339	0.45	DIS48	0.0174	339-1	0.45
339	0.9	DIS48	0.0166	339-1	0.9
339	0.	DIS49	0.0226	339-1	0.
339	0.45	DIS49	0.0267	339-1	0.45
339	0.9	DIS49	0.0265	339-1	0.9
339	0.	DIS50	0.005	339-1	0.
339	0.45	DIS50	0.0081	339-1	0.45
339	0.9	DIS50	0.0068	339-1	0.9
339	0.	DIS51	0.0174	339-1	0.
339	0.45	DIS51	0.0208	339-1	0.45
339	0.9	DIS51	0.0208	339-1	0.9
339	0.	DIS52	0.0174	339-1	0.
339	0.45	DIS52	0.0208	339-1	0.45
339	0.9	DIS52	0.0208	339-1	0.9
339	0.	DIS53	0.021	339-1	0.
339	0.45	DIS53	0.0246	339-1	0.45
339	0.9	DIS53	0.025	339-1	0.9
339	0.	DIS54	0.0104	339-1	0.
339	0.45	DIS54	0.0131	339-1	0.45
339	0.9	DIS54	0.0125	339-1	0.9
339	0.	DIS55	0.0104	339-1	0.
339	0.45	DIS55	0.013	339-1	0.45
339	0.9	DIS55	0.0125	339-1	0.9
339	0.	DIS56	0.017	339-1	0.
339	0.45	DIS56	0.02	339-1	0.45
339	0.9	DIS56	0.0199	339-1	0.9
339	0.	DIS57	0.0038	339-1	0.
339	0.45	DIS57	0.0061	339-1	0.45
339	0.9	DIS57	0.0051	339-1	0.9
33A	0.	DEAD	0.0137	33A-1	0.
33A	0.45	DEAD	0.0155	33A-1	0.45
33A	0.9	DEAD	0.0137	33A-1	0.9
33A	0.	L	0.	33A-1	0.
33A	0.45	L	0.	33A-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33A	0.9	L	0.	33A-1	0.9
33A	0.	Lr	0.0147	33A-1	0.
33A	0.45	Lr	0.0147	33A-1	0.45
33A	0.9	Lr	0.0147	33A-1	0.9
33A	0.	G	0.	33A-1	0.
33A	0.45	G	0.	33A-1	0.45
33A	0.9	G	0.	33A-1	0.9
33A	0.	Le	0.	33A-1	0.
33A	0.45	Le	0.	33A-1	0.45
33A	0.9	Le	0.	33A-1	0.9
33A	0.	Wx	0.0083	33A-1	0.
33A	0.45	Wx	0.0083	33A-1	0.45
33A	0.9	Wx	0.0083	33A-1	0.9
33A	0.	Wy	0.0083	33A-1	0.
33A	0.45	Wy	0.0083	33A-1	0.45
33A	0.9	Wy	0.0083	33A-1	0.9
33A	0.	CFx D	3.334E-06	33A-1	0.
33A	0.45	CFx D	2.560E-06	33A-1	0.45
33A	0.9	CFx D	1.787E-06	33A-1	0.9
33A	0.	CFy D	0.0081	33A-1	0.
33A	0.45	CFy D	0.0074	33A-1	0.45
33A	0.9	CFy D	0.0067	33A-1	0.9
33A	0.	CFx L	0.	33A-1	0.
33A	0.45	CFx L	0.	33A-1	0.45
33A	0.9	CFx L	0.	33A-1	0.9
33A	0.	CFy L	0.	33A-1	0.
33A	0.45	CFy L	0.	33A-1	0.45
33A	0.9	CFy L	0.	33A-1	0.9
33A	0.	CFx Lr	2.915E-06	33A-1	0.
33A	0.45	CFx Lr	2.522E-06	33A-1	0.45
33A	0.9	CFx Lr	2.129E-06	33A-1	0.9
33A	0.	CFy Lr	0.0083	33A-1	0.
33A	0.45	CFy Lr	0.0079	33A-1	0.45
33A	0.9	CFy Lr	0.0074	33A-1	0.9
33A	0.	DIS01	0.0192	33A-1	0.
33A	0.45	DIS01	0.0217	33A-1	0.45
33A	0.9	DIS01	0.0192	33A-1	0.9
33A	0.	DIS02	0.0192	33A-1	0.
33A	0.45	DIS02	0.0217	33A-1	0.45
33A	0.9	DIS02	0.0192	33A-1	0.9
33A	0.	DIS03	0.0305	33A-1	0.
33A	0.45	DIS03	0.0321	33A-1	0.45
33A	0.9	DIS03	0.0286	33A-1	0.9
33A	0.	DIS04	0.0079	33A-1	0.
33A	0.45	DIS04	0.0114	33A-1	0.45
33A	0.9	DIS04	0.0098	33A-1	0.9
33A	0.	DIS05	0.0238	33A-1	0.
33A	0.45	DIS05	0.026	33A-1	0.45
33A	0.9	DIS05	0.0238	33A-1	0.9
33A	0.	DIS06	0.0238	33A-1	0.
33A	0.45	DIS06	0.026	33A-1	0.45
33A	0.9	DIS06	0.0238	33A-1	0.9
33A	0.	DIS07	0.0376	33A-1	0.
33A	0.45	DIS07	0.0388	33A-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33A	0.9	DIS07	0.0356	33A-1	0.9
33A	0.	DIS08	0.01	33A-1	0.
33A	0.45	DIS08	0.0132	33A-1	0.45
33A	0.9	DIS08	0.012	33A-1	0.9
33A	0.	DIS09	0.0164	33A-1	0.
33A	0.45	DIS09	0.0186	33A-1	0.45
33A	0.9	DIS09	0.0164	33A-1	0.9
33A	0.	DIS10	0.0164	33A-1	0.
33A	0.45	DIS10	0.0186	33A-1	0.45
33A	0.9	DIS10	0.0164	33A-1	0.9
33A	0.	DIS11	0.0261	33A-1	0.
33A	0.45	DIS11	0.0275	33A-1	0.45
33A	0.9	DIS11	0.0245	33A-1	0.9
33A	0.	DIS12	0.0068	33A-1	0.
33A	0.45	DIS12	0.0097	33A-1	0.45
33A	0.9	DIS12	0.0084	33A-1	0.9
33A	0.	DIS13	0.0164	33A-1	0.
33A	0.45	DIS13	0.0186	33A-1	0.45
33A	0.9	DIS13	0.0164	33A-1	0.9
33A	0.	DIS14	0.0164	33A-1	0.
33A	0.45	DIS14	0.0186	33A-1	0.45
33A	0.9	DIS14	0.0164	33A-1	0.9
33A	0.	DIS15	0.0261	33A-1	0.
33A	0.45	DIS15	0.0275	33A-1	0.45
33A	0.9	DIS15	0.0245	33A-1	0.9
33A	0.	DIS16	0.0068	33A-1	0.
33A	0.45	DIS16	0.0097	33A-1	0.45
33A	0.9	DIS16	0.0084	33A-1	0.9
33A	0.	DIS17	0.04	33A-1	0.
33A	0.45	DIS17	0.0421	33A-1	0.45
33A	0.9	DIS17	0.04	33A-1	0.9
33A	0.	DIS18	0.04	33A-1	0.
33A	0.45	DIS18	0.0421	33A-1	0.45
33A	0.9	DIS18	0.04	33A-1	0.9
33A	0.	DIS19	0.0629	33A-1	0.
33A	0.45	DIS19	0.0636	33A-1	0.45
33A	0.9	DIS19	0.0599	33A-1	0.9
33A	0.	DIS20	0.017	33A-1	0.
33A	0.45	DIS20	0.0207	33A-1	0.45
33A	0.9	DIS20	0.02	33A-1	0.9
33A	0.	DIS21	0.0164	33A-1	0.
33A	0.45	DIS21	0.0186	33A-1	0.45
33A	0.9	DIS21	0.0164	33A-1	0.9
33A	0.	DIS22	0.0164	33A-1	0.
33A	0.45	DIS22	0.0186	33A-1	0.45
33A	0.9	DIS22	0.0164	33A-1	0.9
33A	0.	DIS23	0.0261	33A-1	0.
33A	0.45	DIS23	0.0275	33A-1	0.45
33A	0.9	DIS23	0.0245	33A-1	0.9
33A	0.	DIS24	0.0068	33A-1	0.
33A	0.45	DIS24	0.0097	33A-1	0.45
33A	0.9	DIS24	0.0084	33A-1	0.9
33A	0.	DIS25	0.0164	33A-1	0.
33A	0.45	DIS25	0.0186	33A-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33A	0.9	DIS25	0.0164	33A-1	0.9
33A	0.	DIS26	0.0164	33A-1	0.
33A	0.45	DIS26	0.0186	33A-1	0.45
33A	0.9	DIS26	0.0164	33A-1	0.9
33A	0.	DIS27	0.0261	33A-1	0.
33A	0.45	DIS27	0.0275	33A-1	0.45
33A	0.9	DIS27	0.0245	33A-1	0.9
33A	0.	DIS28	0.0068	33A-1	0.
33A	0.45	DIS28	0.0097	33A-1	0.45
33A	0.9	DIS28	0.0084	33A-1	0.9
33A	0.	DIS29	0.0441	33A-1	0.
33A	0.45	DIS29	0.0463	33A-1	0.45
33A	0.9	DIS29	0.0441	33A-1	0.9
33A	0.	DIS30	0.0441	33A-1	0.
33A	0.45	DIS30	0.0463	33A-1	0.45
33A	0.9	DIS30	0.0441	33A-1	0.9
33A	0.	DIS31	0.0463	33A-1	0.
33A	0.45	DIS31	0.0484	33A-1	0.45
33A	0.9	DIS31	0.0463	33A-1	0.9
33A	0.	DIS32	0.0206	33A-1	0.
33A	0.45	DIS32	0.0228	33A-1	0.45
33A	0.9	DIS32	0.0206	33A-1	0.9
33A	0.	DIS33	0.0206	33A-1	0.
33A	0.45	DIS33	0.0228	33A-1	0.45
33A	0.9	DIS33	0.0206	33A-1	0.9
33A	0.	DIS34	0.0227	33A-1	0.
33A	0.45	DIS34	0.0249	33A-1	0.45
33A	0.9	DIS34	0.0227	33A-1	0.9
33A	0.	DIS35	0.0206	33A-1	0.
33A	0.45	DIS35	0.0228	33A-1	0.45
33A	0.9	DIS35	0.0206	33A-1	0.9
33A	0.	DIS36	0.0206	33A-1	0.
33A	0.45	DIS36	0.0228	33A-1	0.45
33A	0.9	DIS36	0.0206	33A-1	0.9
33A	0.	DIS37	0.0227	33A-1	0.
33A	0.45	DIS37	0.0249	33A-1	0.45
33A	0.9	DIS37	0.0227	33A-1	0.9
33A	0.	DIS38	0.0321	33A-1	0.
33A	0.45	DIS38	0.0342	33A-1	0.45
33A	0.9	DIS38	0.0321	33A-1	0.9
33A	0.	DIS39	0.0321	33A-1	0.
33A	0.45	DIS39	0.0342	33A-1	0.45
33A	0.9	DIS39	0.0321	33A-1	0.9
33A	0.	DIS40	0.0362	33A-1	0.
33A	0.45	DIS40	0.0384	33A-1	0.45
33A	0.9	DIS40	0.0362	33A-1	0.9
33A	0.	DIS41	0.0247	33A-1	0.
33A	0.45	DIS41	0.0269	33A-1	0.45
33A	0.9	DIS41	0.0247	33A-1	0.9
33A	0.	DIS42	0.0247	33A-1	0.
33A	0.45	DIS42	0.0269	33A-1	0.45
33A	0.9	DIS42	0.0247	33A-1	0.9
33A	0.	DIS43	0.0289	33A-1	0.
33A	0.45	DIS43	0.031	33A-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33A	0.9	DIS43	0.0289	33A-1	0.9
33A	0.	DIS44	0.0247	33A-1	0.
33A	0.45	DIS44	0.0269	33A-1	0.45
33A	0.9	DIS44	0.0247	33A-1	0.9
33A	0.	DIS45	0.0247	33A-1	0.
33A	0.45	DIS45	0.0269	33A-1	0.45
33A	0.9	DIS45	0.0247	33A-1	0.9
33A	0.	DIS46	0.0289	33A-1	0.
33A	0.45	DIS46	0.031	33A-1	0.45
33A	0.9	DIS46	0.0289	33A-1	0.9
33A	0.	DIS47	0.0164	33A-1	0.
33A	0.45	DIS47	0.0186	33A-1	0.45
33A	0.9	DIS47	0.0164	33A-1	0.9
33A	0.	DIS48	0.0164	33A-1	0.
33A	0.45	DIS48	0.0186	33A-1	0.45
33A	0.9	DIS48	0.0164	33A-1	0.9
33A	0.	DIS49	0.0261	33A-1	0.
33A	0.45	DIS49	0.0275	33A-1	0.45
33A	0.9	DIS49	0.0245	33A-1	0.9
33A	0.	DIS50	0.0068	33A-1	0.
33A	0.45	DIS50	0.0097	33A-1	0.45
33A	0.9	DIS50	0.0084	33A-1	0.9
33A	0.	DIS51	0.0206	33A-1	0.
33A	0.45	DIS51	0.0222	33A-1	0.45
33A	0.9	DIS51	0.0206	33A-1	0.9
33A	0.	DIS52	0.0206	33A-1	0.
33A	0.45	DIS52	0.0222	33A-1	0.45
33A	0.9	DIS52	0.0206	33A-1	0.9
33A	0.	DIS53	0.0248	33A-1	0.
33A	0.45	DIS53	0.0264	33A-1	0.45
33A	0.9	DIS53	0.0248	33A-1	0.9
33A	0.	DIS54	0.0123	33A-1	0.
33A	0.45	DIS54	0.014	33A-1	0.45
33A	0.9	DIS54	0.0123	33A-1	0.9
33A	0.	DIS55	0.0123	33A-1	0.
33A	0.45	DIS55	0.014	33A-1	0.45
33A	0.9	DIS55	0.0123	33A-1	0.9
33A	0.	DIS56	0.0196	33A-1	0.
33A	0.45	DIS56	0.0206	33A-1	0.45
33A	0.9	DIS56	0.0184	33A-1	0.9
33A	0.	DIS57	0.0051	33A-1	0.
33A	0.45	DIS57	0.0073	33A-1	0.45
33A	0.9	DIS57	0.0063	33A-1	0.9
33B	0.	DEAD	0.0139	33B-1	0.
33B	0.45	DEAD	0.0145	33B-1	0.45
33B	0.9	DEAD	0.0115	33B-1	0.9
33B	0.	L	0.	33B-1	0.
33B	0.45	L	0.	33B-1	0.45
33B	0.9	L	0.	33B-1	0.9
33B	0.	Lr	0.0149	33B-1	0.
33B	0.45	Lr	0.0137	33B-1	0.45
33B	0.9	Lr	0.0125	33B-1	0.9
33B	0.	G	0.	33B-1	0.
33B	0.45	G	0.	33B-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33B	0.9	G	0.	33B-1	0.9
33B	0.	Le	0.	33B-1	0.
33B	0.45	Le	0.	33B-1	0.45
33B	0.9	Le	0.	33B-1	0.9
33B	0.	Wx	0.0084	33B-1	0.
33B	0.45	Wx	0.0077	33B-1	0.45
33B	0.9	Wx	0.0071	33B-1	0.9
33B	0.	Wy	0.0084	33B-1	0.
33B	0.45	Wy	0.0077	33B-1	0.45
33B	0.9	Wy	0.0071	33B-1	0.9
33B	0.	CFx D	2.671E-06	33B-1	0.
33B	0.45	CFx D	1.922E-06	33B-1	0.45
33B	0.9	CFx D	1.174E-06	33B-1	0.9
33B	0.	CFy D	0.0068	33B-1	0.
33B	0.45	CFy D	0.0064	33B-1	0.45
33B	0.9	CFy D	0.006	33B-1	0.9
33B	0.	CFx L	0.	33B-1	0.
33B	0.45	CFx L	0.	33B-1	0.45
33B	0.9	CFx L	0.	33B-1	0.9
33B	0.	CFy L	0.	33B-1	0.
33B	0.45	CFy L	0.	33B-1	0.45
33B	0.9	CFy L	0.	33B-1	0.9
33B	0.	CFx Lr	2.263E-06	33B-1	0.
33B	0.45	CFx Lr	1.893E-06	33B-1	0.45
33B	0.9	CFx Lr	1.524E-06	33B-1	0.9
33B	0.	CFy Lr	0.0063	33B-1	0.
33B	0.45	CFy Lr	0.0059	33B-1	0.45
33B	0.9	CFy Lr	0.0055	33B-1	0.9
33B	0.	DIS01	0.0194	33B-1	0.
33B	0.45	DIS01	0.0203	33B-1	0.45
33B	0.9	DIS01	0.0161	33B-1	0.9
33B	0.	DIS02	0.0194	33B-1	0.
33B	0.45	DIS02	0.0203	33B-1	0.45
33B	0.9	DIS02	0.0161	33B-1	0.9
33B	0.	DIS03	0.029	33B-1	0.
33B	0.45	DIS03	0.0293	33B-1	0.45
33B	0.9	DIS03	0.0245	33B-1	0.9
33B	0.	DIS04	0.0098	33B-1	0.
33B	0.45	DIS04	0.0113	33B-1	0.45
33B	0.9	DIS04	0.0078	33B-1	0.9
33B	0.	DIS05	0.0241	33B-1	0.
33B	0.45	DIS05	0.0242	33B-1	0.45
33B	0.9	DIS05	0.0201	33B-1	0.9
33B	0.	DIS06	0.0241	33B-1	0.
33B	0.45	DIS06	0.0242	33B-1	0.45
33B	0.9	DIS06	0.0201	33B-1	0.9
33B	0.	DIS07	0.0354	33B-1	0.
33B	0.45	DIS07	0.0349	33B-1	0.45
33B	0.9	DIS07	0.03	33B-1	0.9
33B	0.	DIS08	0.0127	33B-1	0.
33B	0.45	DIS08	0.0136	33B-1	0.45
33B	0.9	DIS08	0.0102	33B-1	0.9
33B	0.	DIS09	0.0166	33B-1	0.
33B	0.45	DIS09	0.0174	33B-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33B	0.9	DIS09	0.0138	33B-1	0.9
33B	0.	DIS10	0.0166	33B-1	0.
33B	0.45	DIS10	0.0174	33B-1	0.45
33B	0.9	DIS10	0.0138	33B-1	0.9
33B	0.	DIS11	0.0248	33B-1	0.
33B	0.45	DIS11	0.0251	33B-1	0.45
33B	0.9	DIS11	0.021	33B-1	0.9
33B	0.	DIS12	0.0084	33B-1	0.
33B	0.45	DIS12	0.0097	33B-1	0.45
33B	0.9	DIS12	0.0067	33B-1	0.9
33B	0.	DIS13	0.0166	33B-1	0.
33B	0.45	DIS13	0.0174	33B-1	0.45
33B	0.9	DIS13	0.0138	33B-1	0.9
33B	0.	DIS14	0.0166	33B-1	0.
33B	0.45	DIS14	0.0174	33B-1	0.45
33B	0.9	DIS14	0.0138	33B-1	0.9
33B	0.	DIS15	0.0248	33B-1	0.
33B	0.45	DIS15	0.0251	33B-1	0.45
33B	0.9	DIS15	0.021	33B-1	0.9
33B	0.	DIS16	0.0084	33B-1	0.
33B	0.45	DIS16	0.0097	33B-1	0.45
33B	0.9	DIS16	0.0067	33B-1	0.9
33B	0.	DIS17	0.0404	33B-1	0.
33B	0.45	DIS17	0.0393	33B-1	0.45
33B	0.9	DIS17	0.0339	33B-1	0.9
33B	0.	DIS18	0.0404	33B-1	0.
33B	0.45	DIS18	0.0393	33B-1	0.45
33B	0.9	DIS18	0.0339	33B-1	0.9
33B	0.	DIS19	0.0588	33B-1	0.
33B	0.45	DIS19	0.0564	33B-1	0.45
33B	0.9	DIS19	0.0498	33B-1	0.9
33B	0.	DIS20	0.022	33B-1	0.
33B	0.45	DIS20	0.0222	33B-1	0.45
33B	0.9	DIS20	0.018	33B-1	0.9
33B	0.	DIS21	0.0166	33B-1	0.
33B	0.45	DIS21	0.0174	33B-1	0.45
33B	0.9	DIS21	0.0138	33B-1	0.9
33B	0.	DIS22	0.0166	33B-1	0.
33B	0.45	DIS22	0.0174	33B-1	0.45
33B	0.9	DIS22	0.0138	33B-1	0.9
33B	0.	DIS23	0.0248	33B-1	0.
33B	0.45	DIS23	0.0251	33B-1	0.45
33B	0.9	DIS23	0.021	33B-1	0.9
33B	0.	DIS24	0.0084	33B-1	0.
33B	0.45	DIS24	0.0097	33B-1	0.45
33B	0.9	DIS24	0.0067	33B-1	0.9
33B	0.	DIS25	0.0166	33B-1	0.
33B	0.45	DIS25	0.0174	33B-1	0.45
33B	0.9	DIS25	0.0138	33B-1	0.9
33B	0.	DIS26	0.0166	33B-1	0.
33B	0.45	DIS26	0.0174	33B-1	0.45
33B	0.9	DIS26	0.0138	33B-1	0.9
33B	0.	DIS27	0.0248	33B-1	0.
33B	0.45	DIS27	0.0251	33B-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33B	0.9	DIS27	0.021	33B-1	0.9
33B	0.	DIS28	0.0084	33B-1	0.
33B	0.45	DIS28	0.0097	33B-1	0.45
33B	0.9	DIS28	0.0067	33B-1	0.9
33B	0.	DIS29	0.0446	33B-1	0.
33B	0.45	DIS29	0.0432	33B-1	0.45
33B	0.9	DIS29	0.0374	33B-1	0.9
33B	0.	DIS30	0.0446	33B-1	0.
33B	0.45	DIS30	0.0432	33B-1	0.45
33B	0.9	DIS30	0.0374	33B-1	0.9
33B	0.	DIS31	0.0468	33B-1	0.
33B	0.45	DIS31	0.0452	33B-1	0.45
33B	0.9	DIS31	0.0392	33B-1	0.9
33B	0.	DIS32	0.0208	33B-1	0.
33B	0.45	DIS32	0.0213	33B-1	0.45
33B	0.9	DIS32	0.0174	33B-1	0.9
33B	0.	DIS33	0.0208	33B-1	0.
33B	0.45	DIS33	0.0213	33B-1	0.45
33B	0.9	DIS33	0.0174	33B-1	0.9
33B	0.	DIS34	0.023	33B-1	0.
33B	0.45	DIS34	0.0233	33B-1	0.45
33B	0.9	DIS34	0.0192	33B-1	0.9
33B	0.	DIS35	0.0208	33B-1	0.
33B	0.45	DIS35	0.0213	33B-1	0.45
33B	0.9	DIS35	0.0174	33B-1	0.9
33B	0.	DIS36	0.0208	33B-1	0.
33B	0.45	DIS36	0.0213	33B-1	0.45
33B	0.9	DIS36	0.0174	33B-1	0.9
33B	0.	DIS37	0.023	33B-1	0.
33B	0.45	DIS37	0.0233	33B-1	0.45
33B	0.9	DIS37	0.0192	33B-1	0.9
33B	0.	DIS38	0.0324	33B-1	0.
33B	0.45	DIS38	0.032	33B-1	0.45
33B	0.9	DIS38	0.0271	33B-1	0.9
33B	0.	DIS39	0.0324	33B-1	0.
33B	0.45	DIS39	0.032	33B-1	0.45
33B	0.9	DIS39	0.0271	33B-1	0.9
33B	0.	DIS40	0.0366	33B-1	0.
33B	0.45	DIS40	0.0358	33B-1	0.45
33B	0.9	DIS40	0.0307	33B-1	0.9
33B	0.	DIS41	0.025	33B-1	0.
33B	0.45	DIS41	0.0251	33B-1	0.45
33B	0.9	DIS41	0.0209	33B-1	0.9
33B	0.	DIS42	0.025	33B-1	0.
33B	0.45	DIS42	0.0251	33B-1	0.45
33B	0.9	DIS42	0.0209	33B-1	0.9
33B	0.	DIS43	0.0292	33B-1	0.
33B	0.45	DIS43	0.029	33B-1	0.45
33B	0.9	DIS43	0.0244	33B-1	0.9
33B	0.	DIS44	0.025	33B-1	0.
33B	0.45	DIS44	0.0251	33B-1	0.45
33B	0.9	DIS44	0.0209	33B-1	0.9
33B	0.	DIS45	0.025	33B-1	0.
33B	0.45	DIS45	0.0251	33B-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33B	0.9	DIS45	0.0209	33B-1	0.9
33B	0.	DIS46	0.0292	33B-1	0.
33B	0.45	DIS46	0.029	33B-1	0.45
33B	0.9	DIS46	0.0244	33B-1	0.9
33B	0.	DIS47	0.0166	33B-1	0.
33B	0.45	DIS47	0.0174	33B-1	0.45
33B	0.9	DIS47	0.0138	33B-1	0.9
33B	0.	DIS48	0.0166	33B-1	0.
33B	0.45	DIS48	0.0174	33B-1	0.45
33B	0.9	DIS48	0.0138	33B-1	0.9
33B	0.	DIS49	0.0248	33B-1	0.
33B	0.45	DIS49	0.0251	33B-1	0.45
33B	0.9	DIS49	0.021	33B-1	0.9
33B	0.	DIS50	0.0084	33B-1	0.
33B	0.45	DIS50	0.0097	33B-1	0.45
33B	0.9	DIS50	0.0067	33B-1	0.9
33B	0.	DIS51	0.0208	33B-1	0.
33B	0.45	DIS51	0.0208	33B-1	0.45
33B	0.9	DIS51	0.0174	33B-1	0.9
33B	0.	DIS52	0.0208	33B-1	0.
33B	0.45	DIS52	0.0208	33B-1	0.45
33B	0.9	DIS52	0.0174	33B-1	0.9
33B	0.	DIS53	0.025	33B-1	0.
33B	0.45	DIS53	0.0246	33B-1	0.45
33B	0.9	DIS53	0.021	33B-1	0.9
33B	0.	DIS54	0.0125	33B-1	0.
33B	0.45	DIS54	0.0131	33B-1	0.45
33B	0.9	DIS54	0.0104	33B-1	0.9
33B	0.	DIS55	0.0125	33B-1	0.
33B	0.45	DIS55	0.013	33B-1	0.45
33B	0.9	DIS55	0.0104	33B-1	0.9
33B	0.	DIS56	0.0186	33B-1	0.
33B	0.45	DIS56	0.0188	33B-1	0.45
33B	0.9	DIS56	0.0157	33B-1	0.9
33B	0.	DIS57	0.0063	33B-1	0.
33B	0.45	DIS57	0.0073	33B-1	0.45
33B	0.9	DIS57	0.005	33B-1	0.9
33C	0.	DEAD	0.0122	33C-1	0.
33C	0.45	DEAD	0.0119	33C-1	0.45
33C	0.9	DEAD	0.0081	33C-1	0.9
33C	0.	L	0.	33C-1	0.
33C	0.45	L	0.	33C-1	0.45
33C	0.9	L	0.	33C-1	0.9
33C	0.	Lr	0.0132	33C-1	0.
33C	0.45	Lr	0.0112	33C-1	0.45
33C	0.9	Lr	0.0092	33C-1	0.9
33C	0.	G	0.	33C-1	0.
33C	0.45	G	0.	33C-1	0.45
33C	0.9	G	0.	33C-1	0.9
33C	0.	Le	0.	33C-1	0.
33C	0.45	Le	0.	33C-1	0.45
33C	0.9	Le	0.	33C-1	0.9
33C	0.	Wx	0.0074	33C-1	0.
33C	0.45	Wx	0.0063	33C-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33C	0.9	Wx	0.0052	33C-1	0.9
33C	0.	Wy	0.0074	33C-1	0.
33C	0.45	Wy	0.0063	33C-1	0.45
33C	0.9	Wy	0.0052	33C-1	0.9
33C	0.	CFx D	2.061E-06	33C-1	0.
33C	0.45	CFx D	1.256E-06	33C-1	0.45
33C	0.9	CFx D	4.509E-07	33C-1	0.9
33C	0.	CFy D	0.0078	33C-1	0.
33C	0.45	CFy D	0.0061	33C-1	0.45
33C	0.9	CFy D	0.0043	33C-1	0.9
33C	0.	CFx L	0.	33C-1	0.
33C	0.45	CFx L	0.	33C-1	0.45
33C	0.9	CFx L	0.	33C-1	0.9
33C	0.	CFy L	0.	33C-1	0.
33C	0.45	CFy L	0.	33C-1	0.45
33C	0.9	CFy L	0.	33C-1	0.9
33C	0.	CFx Lr	1.661E-06	33C-1	0.
33C	0.45	CFx Lr	1.240E-06	33C-1	0.45
33C	0.9	CFx Lr	8.185E-07	33C-1	0.9
33C	0.	CFy Lr	0.0068	33C-1	0.
33C	0.45	CFy Lr	0.006	33C-1	0.45
33C	0.9	CFy Lr	0.0051	33C-1	0.9
33C	0.	DIS01	0.017	33C-1	0.
33C	0.45	DIS01	0.0167	33C-1	0.45
33C	0.9	DIS01	0.0113	33C-1	0.9
33C	0.	DIS02	0.017	33C-1	0.
33C	0.45	DIS02	0.0167	33C-1	0.45
33C	0.9	DIS02	0.0113	33C-1	0.9
33C	0.	DIS03	0.028	33C-1	0.
33C	0.45	DIS03	0.0252	33C-1	0.45
33C	0.9	DIS03	0.0173	33C-1	0.9
33C	0.	DIS04	0.0061	33C-1	0.
33C	0.45	DIS04	0.0082	33C-1	0.45
33C	0.9	DIS04	0.0053	33C-1	0.9
33C	0.	DIS05	0.0212	33C-1	0.
33C	0.45	DIS05	0.0199	33C-1	0.45
33C	0.9	DIS05	0.0143	33C-1	0.9
33C	0.	DIS06	0.0212	33C-1	0.
33C	0.45	DIS06	0.0199	33C-1	0.45
33C	0.9	DIS06	0.0143	33C-1	0.9
33C	0.	DIS07	0.034	33C-1	0.
33C	0.45	DIS07	0.0302	33C-1	0.45
33C	0.9	DIS07	0.022	33C-1	0.9
33C	0.	DIS08	0.0084	33C-1	0.
33C	0.45	DIS08	0.0097	33C-1	0.45
33C	0.9	DIS08	0.0066	33C-1	0.9
33C	0.	DIS09	0.0146	33C-1	0.
33C	0.45	DIS09	0.0143	33C-1	0.45
33C	0.9	DIS09	0.0097	33C-1	0.9
33C	0.	DIS10	0.0146	33C-1	0.
33C	0.45	DIS10	0.0143	33C-1	0.45
33C	0.9	DIS10	0.0097	33C-1	0.9
33C	0.	DIS11	0.024	33C-1	0.
33C	0.45	DIS11	0.0216	33C-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33C	0.9	DIS11	0.0149	33C-1	0.9
33C	0.	DIS12	0.0052	33C-1	0.
33C	0.45	DIS12	0.0071	33C-1	0.45
33C	0.9	DIS12	0.0045	33C-1	0.9
33C	0.	DIS13	0.0146	33C-1	0.
33C	0.45	DIS13	0.0143	33C-1	0.45
33C	0.9	DIS13	0.0097	33C-1	0.9
33C	0.	DIS14	0.0146	33C-1	0.
33C	0.45	DIS14	0.0143	33C-1	0.45
33C	0.9	DIS14	0.0097	33C-1	0.9
33C	0.	DIS15	0.024	33C-1	0.
33C	0.45	DIS15	0.0216	33C-1	0.45
33C	0.9	DIS15	0.0149	33C-1	0.9
33C	0.	DIS16	0.0052	33C-1	0.
33C	0.45	DIS16	0.0071	33C-1	0.45
33C	0.9	DIS16	0.0045	33C-1	0.9
33C	0.	DIS17	0.0357	33C-1	0.
33C	0.45	DIS17	0.0322	33C-1	0.45
33C	0.9	DIS17	0.0245	33C-1	0.9
33C	0.	DIS18	0.0356	33C-1	0.
33C	0.45	DIS18	0.0322	33C-1	0.45
33C	0.9	DIS18	0.0245	33C-1	0.9
33C	0.	DIS19	0.056	33C-1	0.
33C	0.45	DIS19	0.049	33C-1	0.45
33C	0.9	DIS19	0.0377	33C-1	0.9
33C	0.	DIS20	0.0153	33C-1	0.
33C	0.45	DIS20	0.0154	33C-1	0.45
33C	0.9	DIS20	0.0112	33C-1	0.9
33C	0.	DIS21	0.0146	33C-1	0.
33C	0.45	DIS21	0.0143	33C-1	0.45
33C	0.9	DIS21	0.0097	33C-1	0.9
33C	0.	DIS22	0.0146	33C-1	0.
33C	0.45	DIS22	0.0143	33C-1	0.45
33C	0.9	DIS22	0.0097	33C-1	0.9
33C	0.	DIS23	0.024	33C-1	0.
33C	0.45	DIS23	0.0216	33C-1	0.45
33C	0.9	DIS23	0.0149	33C-1	0.9
33C	0.	DIS24	0.0052	33C-1	0.
33C	0.45	DIS24	0.0071	33C-1	0.45
33C	0.9	DIS24	0.0045	33C-1	0.9
33C	0.	DIS25	0.0146	33C-1	0.
33C	0.45	DIS25	0.0143	33C-1	0.45
33C	0.9	DIS25	0.0097	33C-1	0.9
33C	0.	DIS26	0.0146	33C-1	0.
33C	0.45	DIS26	0.0143	33C-1	0.45
33C	0.9	DIS26	0.0097	33C-1	0.9
33C	0.	DIS27	0.024	33C-1	0.
33C	0.45	DIS27	0.0216	33C-1	0.45
33C	0.9	DIS27	0.0149	33C-1	0.9
33C	0.	DIS28	0.0052	33C-1	0.
33C	0.45	DIS28	0.0071	33C-1	0.45
33C	0.9	DIS28	0.0045	33C-1	0.9
33C	0.	DIS29	0.0394	33C-1	0.
33C	0.45	DIS29	0.0354	33C-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33C	0.9	DIS29	0.0271	33C-1	0.9
33C	0.	DIS30	0.0394	33C-1	0.
33C	0.45	DIS30	0.0354	33C-1	0.45
33C	0.9	DIS30	0.0271	33C-1	0.9
33C	0.	DIS31	0.0413	33C-1	0.
33C	0.45	DIS31	0.037	33C-1	0.45
33C	0.9	DIS31	0.0284	33C-1	0.9
33C	0.	DIS32	0.0183	33C-1	0.
33C	0.45	DIS32	0.0175	33C-1	0.45
33C	0.9	DIS32	0.0123	33C-1	0.9
33C	0.	DIS33	0.0183	33C-1	0.
33C	0.45	DIS33	0.0175	33C-1	0.45
33C	0.9	DIS33	0.0123	33C-1	0.9
33C	0.	DIS34	0.0202	33C-1	0.
33C	0.45	DIS34	0.0191	33C-1	0.45
33C	0.9	DIS34	0.0137	33C-1	0.9
33C	0.	DIS35	0.0183	33C-1	0.
33C	0.45	DIS35	0.0175	33C-1	0.45
33C	0.9	DIS35	0.0123	33C-1	0.9
33C	0.	DIS36	0.0183	33C-1	0.
33C	0.45	DIS36	0.0175	33C-1	0.45
33C	0.9	DIS36	0.0123	33C-1	0.9
33C	0.	DIS37	0.0202	33C-1	0.
33C	0.45	DIS37	0.0191	33C-1	0.45
33C	0.9	DIS37	0.0137	33C-1	0.9
33C	0.	DIS38	0.0286	33C-1	0.
33C	0.45	DIS38	0.0262	33C-1	0.45
33C	0.9	DIS38	0.0195	33C-1	0.9
33C	0.	DIS39	0.0286	33C-1	0.
33C	0.45	DIS39	0.0262	33C-1	0.45
33C	0.9	DIS39	0.0195	33C-1	0.9
33C	0.	DIS40	0.0323	33C-1	0.
33C	0.45	DIS40	0.0294	33C-1	0.45
33C	0.9	DIS40	0.0221	33C-1	0.9
33C	0.	DIS41	0.022	33C-1	0.
33C	0.45	DIS41	0.0206	33C-1	0.45
33C	0.9	DIS41	0.0149	33C-1	0.9
33C	0.	DIS42	0.022	33C-1	0.
33C	0.45	DIS42	0.0206	33C-1	0.45
33C	0.9	DIS42	0.0149	33C-1	0.9
33C	0.	DIS43	0.0257	33C-1	0.
33C	0.45	DIS43	0.0238	33C-1	0.45
33C	0.9	DIS43	0.0175	33C-1	0.9
33C	0.	DIS44	0.022	33C-1	0.
33C	0.45	DIS44	0.0206	33C-1	0.45
33C	0.9	DIS44	0.0149	33C-1	0.9
33C	0.	DIS45	0.022	33C-1	0.
33C	0.45	DIS45	0.0206	33C-1	0.45
33C	0.9	DIS45	0.0149	33C-1	0.9
33C	0.	DIS46	0.0257	33C-1	0.
33C	0.45	DIS46	0.0238	33C-1	0.45
33C	0.9	DIS46	0.0175	33C-1	0.9
33C	0.	DIS47	0.0146	33C-1	0.
33C	0.45	DIS47	0.0143	33C-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33C	0.9	DIS47	0.0097	33C-1	0.9
33C	0.	DIS48	0.0146	33C-1	0.
33C	0.45	DIS48	0.0143	33C-1	0.45
33C	0.9	DIS48	0.0097	33C-1	0.9
33C	0.	DIS49	0.024	33C-1	0.
33C	0.45	DIS49	0.0216	33C-1	0.45
33C	0.9	DIS49	0.0149	33C-1	0.9
33C	0.	DIS50	0.0052	33C-1	0.
33C	0.45	DIS50	0.0071	33C-1	0.45
33C	0.9	DIS50	0.0045	33C-1	0.9
33C	0.	DIS51	0.0184	33C-1	0.
33C	0.45	DIS51	0.017	33C-1	0.45
33C	0.9	DIS51	0.0125	33C-1	0.9
33C	0.	DIS52	0.0184	33C-1	0.
33C	0.45	DIS52	0.017	33C-1	0.45
33C	0.9	DIS52	0.0125	33C-1	0.9
33C	0.	DIS53	0.0221	33C-1	0.
33C	0.45	DIS53	0.0202	33C-1	0.45
33C	0.9	DIS53	0.0151	33C-1	0.9
33C	0.	DIS54	0.0109	33C-1	0.
33C	0.45	DIS54	0.0107	33C-1	0.45
33C	0.9	DIS54	0.0073	33C-1	0.9
33C	0.	DIS55	0.0109	33C-1	0.
33C	0.45	DIS55	0.0107	33C-1	0.45
33C	0.9	DIS55	0.0073	33C-1	0.9
33C	0.	DIS56	0.018	33C-1	0.
33C	0.45	DIS56	0.0162	33C-1	0.45
33C	0.9	DIS56	0.0111	33C-1	0.9
33C	0.	DIS57	0.0039	33C-1	0.
33C	0.45	DIS57	0.0053	33C-1	0.45
33C	0.9	DIS57	0.0034	33C-1	0.9
33D	0.	DEAD	0.0082	33D-1	0.
33D	0.45	DEAD	0.0072	33D-1	0.45
33D	0.9	DEAD	0.0025	33D-1	0.9
33D	0.	L	0.	33D-1	0.
33D	0.45	L	0.	33D-1	0.45
33D	0.9	L	0.	33D-1	0.9
33D	0.	Lr	0.0093	33D-1	0.
33D	0.45	Lr	0.0064	33D-1	0.45
33D	0.9	Lr	0.0034	33D-1	0.9
33D	0.	G	0.	33D-1	0.
33D	0.45	G	0.	33D-1	0.45
33D	0.9	G	0.	33D-1	0.9
33D	0.	Le	0.	33D-1	0.
33D	0.45	Le	0.	33D-1	0.45
33D	0.9	Le	0.	33D-1	0.9
33D	0.	Wx	0.0053	33D-1	0.
33D	0.45	Wx	0.0036	33D-1	0.45
33D	0.9	Wx	0.0019	33D-1	0.9
33D	0.	Wy	0.0053	33D-1	0.
33D	0.45	Wy	0.0036	33D-1	0.45
33D	0.9	Wy	0.0019	33D-1	0.9
33D	0.	CFx D	1.312E-06	33D-1	0.
33D	0.45	CFx D	7.543E-07	33D-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33D	0.9	CFx D	1.967E-07	33D-1	0.9
33D	0.	CFy D	0.0063	33D-1	0.
33D	0.45	CFy D	0.0059	33D-1	0.45
33D	0.9	CFy D	0.0055	33D-1	0.9
33D	0.	CFx L	0.	33D-1	0.
33D	0.45	CFx L	0.	33D-1	0.45
33D	0.9	CFx L	0.	33D-1	0.9
33D	0.	CFy L	0.	33D-1	0.
33D	0.45	CFy L	0.	33D-1	0.45
33D	0.9	CFy L	0.	33D-1	0.9
33D	0.	CFx Lr	9.343E-07	33D-1	0.
33D	0.45	CFx Lr	7.344E-07	33D-1	0.45
33D	0.9	CFx Lr	5.345E-07	33D-1	0.9
33D	0.	CFy Lr	0.0059	33D-1	0.
33D	0.45	CFy Lr	0.0059	33D-1	0.45
33D	0.9	CFy Lr	0.0059	33D-1	0.9
33D	0.	DIS01	0.0115	33D-1	0.
33D	0.45	DIS01	0.0101	33D-1	0.45
33D	0.9	DIS01	0.0036	33D-1	0.9
33D	0.	DIS02	0.0115	33D-1	0.
33D	0.45	DIS02	0.0101	33D-1	0.45
33D	0.9	DIS02	0.0036	33D-1	0.9
33D	0.	DIS03	0.0204	33D-1	0.
33D	0.45	DIS03	0.0183	33D-1	0.45
33D	0.9	DIS03	0.0112	33D-1	0.9
33D	0.	DIS04	0.0026	33D-1	0.
33D	0.45	DIS04	0.0018	33D-1	0.45
33D	0.9	DIS04	-0.0041	33D-1	0.9
33D	0.	DIS05	0.0145	33D-1	0.
33D	0.45	DIS05	0.0118	33D-1	0.45
33D	0.9	DIS05	0.0048	33D-1	0.9
33D	0.	DIS06	0.0145	33D-1	0.
33D	0.45	DIS06	0.0118	33D-1	0.45
33D	0.9	DIS06	0.0048	33D-1	0.9
33D	0.	DIS07	0.0251	33D-1	0.
33D	0.45	DIS07	0.0218	33D-1	0.45
33D	0.9	DIS07	0.0142	33D-1	0.9
33D	0.	DIS08	0.004	33D-1	0.
33D	0.45	DIS08	0.0018	33D-1	0.45
33D	0.9	DIS08	-0.0047	33D-1	0.9
33D	0.	DIS09	0.0098	33D-1	0.
33D	0.45	DIS09	0.0086	33D-1	0.45
33D	0.9	DIS09	0.0031	33D-1	0.9
33D	0.	DIS10	0.0098	33D-1	0.
33D	0.45	DIS10	0.0086	33D-1	0.45
33D	0.9	DIS10	0.0031	33D-1	0.9
33D	0.	DIS11	0.0175	33D-1	0.
33D	0.45	DIS11	0.0157	33D-1	0.45
33D	0.9	DIS11	0.0096	33D-1	0.9
33D	0.	DIS12	0.0022	33D-1	0.
33D	0.45	DIS12	0.0015	33D-1	0.45
33D	0.9	DIS12	-0.0035	33D-1	0.9
33D	0.	DIS13	0.0098	33D-1	0.
33D	0.45	DIS13	0.0086	33D-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33D	0.9	DIS13	0.0031	33D-1	0.9
33D	0.	DIS14	0.0098	33D-1	0.
33D	0.45	DIS14	0.0086	33D-1	0.45
33D	0.9	DIS14	0.0031	33D-1	0.9
33D	0.	DIS15	0.0175	33D-1	0.
33D	0.45	DIS15	0.0157	33D-1	0.45
33D	0.9	DIS15	0.0096	33D-1	0.9
33D	0.	DIS16	0.0022	33D-1	0.
33D	0.45	DIS16	0.0015	33D-1	0.45
33D	0.9	DIS16	-0.0035	33D-1	0.9
33D	0.	DIS17	0.0248	33D-1	0.
33D	0.45	DIS17	0.0188	33D-1	0.45
33D	0.9	DIS17	0.0085	33D-1	0.9
33D	0.	DIS18	0.0248	33D-1	0.
33D	0.45	DIS18	0.0188	33D-1	0.45
33D	0.9	DIS18	0.0085	33D-1	0.9
33D	0.	DIS19	0.0418	33D-1	0.
33D	0.45	DIS19	0.0353	33D-1	0.45
33D	0.9	DIS19	0.0244	33D-1	0.9
33D	0.	DIS20	0.0078	33D-1	0.
33D	0.45	DIS20	0.0024	33D-1	0.45
33D	0.9	DIS20	-0.0074	33D-1	0.9
33D	0.	DIS21	0.0098	33D-1	0.
33D	0.45	DIS21	0.0086	33D-1	0.45
33D	0.9	DIS21	0.0031	33D-1	0.9
33D	0.	DIS22	0.0098	33D-1	0.
33D	0.45	DIS22	0.0086	33D-1	0.45
33D	0.9	DIS22	0.0031	33D-1	0.9
33D	0.	DIS23	0.0175	33D-1	0.
33D	0.45	DIS23	0.0157	33D-1	0.45
33D	0.9	DIS23	0.0096	33D-1	0.9
33D	0.	DIS24	0.0022	33D-1	0.
33D	0.45	DIS24	0.0015	33D-1	0.45
33D	0.9	DIS24	-0.0035	33D-1	0.9
33D	0.	DIS25	0.0098	33D-1	0.
33D	0.45	DIS25	0.0086	33D-1	0.45
33D	0.9	DIS25	0.0031	33D-1	0.9
33D	0.	DIS26	0.0098	33D-1	0.
33D	0.45	DIS26	0.0086	33D-1	0.45
33D	0.9	DIS26	0.0031	33D-1	0.9
33D	0.	DIS27	0.0175	33D-1	0.
33D	0.45	DIS27	0.0157	33D-1	0.45
33D	0.9	DIS27	0.0096	33D-1	0.9
33D	0.	DIS28	0.0022	33D-1	0.
33D	0.45	DIS28	0.0015	33D-1	0.45
33D	0.9	DIS28	-0.0035	33D-1	0.9
33D	0.	DIS29	0.0274	33D-1	0.
33D	0.45	DIS29	0.0206	33D-1	0.45
33D	0.9	DIS29	0.0095	33D-1	0.9
33D	0.	DIS30	0.0274	33D-1	0.
33D	0.45	DIS30	0.0206	33D-1	0.45
33D	0.9	DIS30	0.0095	33D-1	0.9
33D	0.	DIS31	0.0288	33D-1	0.
33D	0.45	DIS31	0.0216	33D-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33D	0.9	DIS31	0.01	33D-1	0.9
33D	0.	DIS32	0.0125	33D-1	0.
33D	0.45	DIS32	0.0104	33D-1	0.45
33D	0.9	DIS32	0.004	33D-1	0.9
33D	0.	DIS33	0.0125	33D-1	0.
33D	0.45	DIS33	0.0104	33D-1	0.45
33D	0.9	DIS33	0.004	33D-1	0.9
33D	0.	DIS34	0.0138	33D-1	0.
33D	0.45	DIS34	0.0113	33D-1	0.45
33D	0.9	DIS34	0.0045	33D-1	0.9
33D	0.	DIS35	0.0125	33D-1	0.
33D	0.45	DIS35	0.0104	33D-1	0.45
33D	0.9	DIS35	0.004	33D-1	0.9
33D	0.	DIS36	0.0125	33D-1	0.
33D	0.45	DIS36	0.0104	33D-1	0.45
33D	0.9	DIS36	0.004	33D-1	0.9
33D	0.	DIS37	0.0138	33D-1	0.
33D	0.45	DIS37	0.0113	33D-1	0.45
33D	0.9	DIS37	0.0045	33D-1	0.9
33D	0.	DIS38	0.0198	33D-1	0.
33D	0.45	DIS38	0.0154	33D-1	0.45
33D	0.9	DIS38	0.0067	33D-1	0.9
33D	0.	DIS39	0.0198	33D-1	0.
33D	0.45	DIS39	0.0154	33D-1	0.45
33D	0.9	DIS39	0.0067	33D-1	0.9
33D	0.	DIS40	0.0224	33D-1	0.
33D	0.45	DIS40	0.0172	33D-1	0.45
33D	0.9	DIS40	0.0076	33D-1	0.9
33D	0.	DIS41	0.0151	33D-1	0.
33D	0.45	DIS41	0.0122	33D-1	0.45
33D	0.9	DIS41	0.005	33D-1	0.9
33D	0.	DIS42	0.0151	33D-1	0.
33D	0.45	DIS42	0.0122	33D-1	0.45
33D	0.9	DIS42	0.005	33D-1	0.9
33D	0.	DIS43	0.0177	33D-1	0.
33D	0.45	DIS43	0.014	33D-1	0.45
33D	0.9	DIS43	0.0059	33D-1	0.9
33D	0.	DIS44	0.0151	33D-1	0.
33D	0.45	DIS44	0.0122	33D-1	0.45
33D	0.9	DIS44	0.005	33D-1	0.9
33D	0.	DIS45	0.0151	33D-1	0.
33D	0.45	DIS45	0.0122	33D-1	0.45
33D	0.9	DIS45	0.005	33D-1	0.9
33D	0.	DIS46	0.0177	33D-1	0.
33D	0.45	DIS46	0.014	33D-1	0.45
33D	0.9	DIS46	0.0059	33D-1	0.9
33D	0.	DIS47	0.0098	33D-1	0.
33D	0.45	DIS47	0.0086	33D-1	0.45
33D	0.9	DIS47	0.0031	33D-1	0.9
33D	0.	DIS48	0.0098	33D-1	0.
33D	0.45	DIS48	0.0086	33D-1	0.45
33D	0.9	DIS48	0.0031	33D-1	0.9
33D	0.	DIS49	0.0175	33D-1	0.
33D	0.45	DIS49	0.0157	33D-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33D	0.9	DIS49	0.0096	33D-1	0.9
33D	0.	DIS50	0.0022	33D-1	0.
33D	0.45	DIS50	0.0015	33D-1	0.45
33D	0.9	DIS50	-0.0035	33D-1	0.9
33D	0.	DIS51	0.0127	33D-1	0.
33D	0.45	DIS51	0.0101	33D-1	0.45
33D	0.9	DIS51	0.0042	33D-1	0.9
33D	0.	DIS52	0.0127	33D-1	0.
33D	0.45	DIS52	0.0101	33D-1	0.45
33D	0.9	DIS52	0.0042	33D-1	0.9
33D	0.	DIS53	0.0153	33D-1	0.
33D	0.45	DIS53	0.0119	33D-1	0.45
33D	0.9	DIS53	0.0052	33D-1	0.9
33D	0.	DIS54	0.0074	33D-1	0.
33D	0.45	DIS54	0.0065	33D-1	0.45
33D	0.9	DIS54	0.0023	33D-1	0.9
33D	0.	DIS55	0.0074	33D-1	0.
33D	0.45	DIS55	0.0065	33D-1	0.45
33D	0.9	DIS55	0.0023	33D-1	0.9
33D	0.	DIS56	0.0131	33D-1	0.
33D	0.45	DIS56	0.0118	33D-1	0.45
33D	0.9	DIS56	0.0072	33D-1	0.9
33D	0.	DIS57	0.0017	33D-1	0.
33D	0.45	DIS57	0.0011	33D-1	0.45
33D	0.9	DIS57	-0.0026	33D-1	0.9
33E	0.	DEAD	0.0081	33E-1	0.
33E	0.45	DEAD	-0.0121	33E-1	0.45
33E	0.	L	0.	33E-1	0.
33E	0.45	L	0.	33E-1	0.45
33E	0.	Lr	0.0089	33E-1	0.
33E	0.45	Lr	-0.0121	33E-1	0.45
33E	0.	G	0.	33E-1	0.
33E	0.45	G	0.	33E-1	0.45
33E	0.	Le	0.	33E-1	0.
33E	0.45	Le	0.	33E-1	0.45
33E	0.	Wx	0.005	33E-1	0.
33E	0.45	Wx	-0.0068	33E-1	0.45
33E	0.	Wy	0.005	33E-1	0.
33E	0.45	Wy	-0.0068	33E-1	0.45
33E	0.	CFx D	1.171E-06	33E-1	0.
33E	0.45	CFx D	-9.817E-07	33E-1	0.45
33E	0.	CFy D	0.0059	33E-1	0.
33E	0.45	CFy D	-0.0012	33E-1	0.45
33E	0.	CFx L	0.	33E-1	0.
33E	0.45	CFx L	0.	33E-1	0.45
33E	0.	CFy L	0.	33E-1	0.
33E	0.45	CFy L	0.	33E-1	0.45
33E	0.	CFx Lr	7.365E-07	33E-1	0.
33E	0.45	CFx Lr	-7.108E-07	33E-1	0.45
33E	0.	CFy Lr	0.	33E-1	0.
33E	0.45	CFy Lr	-0.0035	33E-1	0.45
33E	0.	DIS01	0.0114	33E-1	0.
33E	0.45	DIS01	-0.0169	33E-1	0.45
33E	0.	DIS02	0.0114	33E-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33E	0.45	DIS02	-0.0169	33E-1	0.45
33E	0.	DIS03	0.0196	33E-1	0.
33E	0.45	DIS03	-0.0185	33E-1	0.45
33E	0.	DIS04	0.0032	33E-1	0.
33E	0.45	DIS04	-0.0152	33E-1	0.45
33E	0.	DIS05	0.0142	33E-1	0.
33E	0.45	DIS05	-0.0205	33E-1	0.45
33E	0.	DIS06	0.0142	33E-1	0.
33E	0.45	DIS06	-0.0205	33E-1	0.45
33E	0.	DIS07	0.0212	33E-1	0.
33E	0.45	DIS07	-0.0237	33E-1	0.45
33E	0.	DIS08	0.0072	33E-1	0.
33E	0.45	DIS08	-0.0174	33E-1	0.45
33E	0.	DIS09	0.0098	33E-1	0.
33E	0.45	DIS09	-0.0145	33E-1	0.45
33E	0.	DIS10	0.0098	33E-1	0.
33E	0.45	DIS10	-0.0145	33E-1	0.45
33E	0.	DIS11	0.0168	33E-1	0.
33E	0.45	DIS11	-0.0159	33E-1	0.45
33E	0.	DIS12	0.0027	33E-1	0.
33E	0.45	DIS12	-0.0131	33E-1	0.45
33E	0.	DIS13	0.0098	33E-1	0.
33E	0.45	DIS13	-0.0145	33E-1	0.45
33E	0.	DIS14	0.0098	33E-1	0.
33E	0.45	DIS14	-0.0145	33E-1	0.45
33E	0.	DIS15	0.0168	33E-1	0.
33E	0.45	DIS15	-0.0159	33E-1	0.45
33E	0.	DIS16	0.0027	33E-1	0.
33E	0.45	DIS16	-0.0131	33E-1	0.45
33E	0.	DIS17	0.024	33E-1	0.
33E	0.45	DIS17	-0.0338	33E-1	0.45
33E	0.	DIS18	0.024	33E-1	0.
33E	0.45	DIS18	-0.0338	33E-1	0.45
33E	0.	DIS19	0.031	33E-1	0.
33E	0.45	DIS19	-0.0408	33E-1	0.45
33E	0.	DIS20	0.017	33E-1	0.
33E	0.45	DIS20	-0.0268	33E-1	0.45
33E	0.	DIS21	0.0098	33E-1	0.
33E	0.45	DIS21	-0.0145	33E-1	0.45
33E	0.	DIS22	0.0098	33E-1	0.
33E	0.45	DIS22	-0.0145	33E-1	0.45
33E	0.	DIS23	0.0168	33E-1	0.
33E	0.45	DIS23	-0.0159	33E-1	0.45
33E	0.	DIS24	0.0027	33E-1	0.
33E	0.45	DIS24	-0.0131	33E-1	0.45
33E	0.	DIS25	0.0098	33E-1	0.
33E	0.45	DIS25	-0.0145	33E-1	0.45
33E	0.	DIS26	0.0098	33E-1	0.
33E	0.45	DIS26	-0.0145	33E-1	0.45
33E	0.	DIS27	0.0168	33E-1	0.
33E	0.45	DIS27	-0.0159	33E-1	0.45
33E	0.	DIS28	0.0027	33E-1	0.
33E	0.45	DIS28	-0.0131	33E-1	0.45
33E	0.	DIS29	0.0265	33E-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33E	0.45	DIS29	-0.0372	33E-1	0.45
33E	0.	DIS30	0.0265	33E-1	0.
33E	0.45	DIS30	-0.0372	33E-1	0.45
33E	0.	DIS31	0.0278	33E-1	0.
33E	0.45	DIS31	-0.039	33E-1	0.45
33E	0.	DIS32	0.0123	33E-1	0.
33E	0.45	DIS32	-0.0179	33E-1	0.45
33E	0.	DIS33	0.0123	33E-1	0.
33E	0.45	DIS33	-0.0179	33E-1	0.45
33E	0.	DIS34	0.0136	33E-1	0.
33E	0.45	DIS34	-0.0197	33E-1	0.45
33E	0.	DIS35	0.0123	33E-1	0.
33E	0.45	DIS35	-0.0179	33E-1	0.45
33E	0.	DIS36	0.0123	33E-1	0.
33E	0.45	DIS36	-0.0179	33E-1	0.45
33E	0.	DIS37	0.0136	33E-1	0.
33E	0.45	DIS37	-0.0197	33E-1	0.45
33E	0.	DIS38	0.0192	33E-1	0.
33E	0.45	DIS38	-0.0273	33E-1	0.45
33E	0.	DIS39	0.0192	33E-1	0.
33E	0.45	DIS39	-0.0273	33E-1	0.45
33E	0.	DIS40	0.0217	33E-1	0.
33E	0.45	DIS40	-0.0307	33E-1	0.45
33E	0.	DIS41	0.0148	33E-1	0.
33E	0.45	DIS41	-0.0213	33E-1	0.45
33E	0.	DIS42	0.0148	33E-1	0.
33E	0.45	DIS42	-0.0213	33E-1	0.45
33E	0.	DIS43	0.0173	33E-1	0.
33E	0.45	DIS43	-0.0247	33E-1	0.45
33E	0.	DIS44	0.0148	33E-1	0.
33E	0.45	DIS44	-0.0213	33E-1	0.45
33E	0.	DIS45	0.0148	33E-1	0.
33E	0.45	DIS45	-0.0213	33E-1	0.45
33E	0.	DIS46	0.0173	33E-1	0.
33E	0.45	DIS46	-0.0247	33E-1	0.45
33E	0.	DIS47	0.0098	33E-1	0.
33E	0.45	DIS47	-0.0145	33E-1	0.45
33E	0.	DIS48	0.0098	33E-1	0.
33E	0.45	DIS48	-0.0145	33E-1	0.45
33E	0.	DIS49	0.0168	33E-1	0.
33E	0.45	DIS49	-0.0159	33E-1	0.45
33E	0.	DIS50	0.0027	33E-1	0.
33E	0.45	DIS50	-0.0131	33E-1	0.45
33E	0.	DIS51	0.0123	33E-1	0.
33E	0.45	DIS51	-0.0177	33E-1	0.45
33E	0.	DIS52	0.0123	33E-1	0.
33E	0.45	DIS52	-0.0177	33E-1	0.45
33E	0.	DIS53	0.0148	33E-1	0.
33E	0.45	DIS53	-0.0211	33E-1	0.45
33E	0.	DIS54	0.0073	33E-1	0.
33E	0.45	DIS54	-0.0109	33E-1	0.45
33E	0.	DIS55	0.0073	33E-1	0.
33E	0.45	DIS55	-0.0109	33E-1	0.45
33E	0.	DIS56	0.0126	33E-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33E	0.45	DIS56	-0.0119	33E-1	0.45
33E	0.	DIS57	0.002	33E-1	0.
33E	0.45	DIS57	-0.0098	33E-1	0.45

Table: Frame Auto Mesh Assignments

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
2F2	Yes	Yes	No	0	0.	0.
300	Yes	Yes	No	0	0.	0.
301	Yes	Yes	No	0	0.	0.
302	Yes	Yes	No	0	0.	0.
303	Yes	Yes	No	0	0.	0.
304	Yes	Yes	No	0	0.	0.
305	Yes	Yes	No	0	0.	0.
306	Yes	Yes	No	0	0.	0.
307	Yes	Yes	No	0	0.	0.
308	Yes	Yes	No	0	0.	0.
309	Yes	Yes	No	0	0.	0.
30A	Yes	Yes	No	0	0.	0.
30B	Yes	Yes	No	0	0.	0.
30C	Yes	Yes	No	0	0.	0.
311	Yes	Yes	No	0	0.	0.
313	Yes	Yes	No	0	0.	0.
315	Yes	Yes	No	0	0.	0.
316	Yes	Yes	No	0	0.	0.
318	Yes	Yes	No	0	0.	0.
31B	Yes	Yes	No	0	0.	0.
31D	Yes	Yes	No	0	0.	0.
31F	Yes	Yes	No	0	0.	0.
320	Yes	Yes	No	0	0.	0.
321	Yes	Yes	No	0	0.	0.
322	Yes	Yes	No	0	0.	0.
323	Yes	Yes	No	0	0.	0.
336	Yes	Yes	No	0	0.	0.
337	Yes	Yes	No	0	0.	0.
338	Yes	Yes	No	0	0.	0.
339	Yes	Yes	No	0	0.	0.
33A	Yes	Yes	No	0	0.	0.
33B	Yes	Yes	No	0	0.	0.
33C	Yes	Yes	No	0	0.	0.
33D	Yes	Yes	No	0	0.	0.
33E	Yes	Yes	No	0	0.	0.

Table: Frame Load Transfer Options

Table: Frame Load Transfer Options

Frame	Transfer
2F2	Yes

Table: Frame Load Transfer Options

Frame	Transfer
300	Yes
301	Yes
302	Yes
303	Yes
304	Yes
305	Yes
306	Yes
307	Yes
308	Yes
309	Yes
30A	Yes
30B	Yes
30C	Yes
311	Yes
313	Yes
315	Yes
316	Yes
318	Yes
31B	Yes
31D	Yes
31F	Yes
320	Yes
321	Yes
322	Yes
323	Yes
336	Yes
337	Yes
338	Yes
339	Yes
33A	Yes
33B	Yes
33C	Yes
33D	Yes
33E	Yes

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
311	Lr	GLOBAL	Force	Gravity	RelDist	0.
311	Wx	GLOBAL	Force	Gravity	RelDist	0.
311	Wy	GLOBAL	Force	Gravity	RelDist	0.
311	DEAD	GLOBAL	Force	Gravity	RelDist	0.
313	Lr	GLOBAL	Force	Gravity	RelDist	0.
313	Wx	GLOBAL	Force	Gravity	RelDist	0.
313	Wy	GLOBAL	Force	Gravity	RelDist	0.
313	DEAD	GLOBAL	Force	Gravity	RelDist	0.
315	Lr	GLOBAL	Force	Gravity	RelDist	0.
315	Wx	GLOBAL	Force	Gravity	RelDist	0.
315	Wy	GLOBAL	Force	Gravity	RelDist	0.
315	DEAD	GLOBAL	Force	Gravity	RelDist	0.
316	Lr	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
316	Wx	GLOBAL	Force	Gravity	RelDist	0.
316	Wy	GLOBAL	Force	Gravity	RelDist	0.
316	DEAD	GLOBAL	Force	Gravity	RelDist	0.
318	Lr	GLOBAL	Force	Gravity	RelDist	0.
318	Wx	GLOBAL	Force	Gravity	RelDist	0.
318	Wy	GLOBAL	Force	Gravity	RelDist	0.
318	DEAD	GLOBAL	Force	Gravity	RelDist	0.
31B	Lr	GLOBAL	Force	Gravity	RelDist	0.
31B	Wx	GLOBAL	Force	Gravity	RelDist	0.
31B	Wy	GLOBAL	Force	Gravity	RelDist	0.
31B	DEAD	GLOBAL	Force	Gravity	RelDist	0.
31D	Lr	GLOBAL	Force	Gravity	RelDist	0.
31D	Wx	GLOBAL	Force	Gravity	RelDist	0.
31D	Wy	GLOBAL	Force	Gravity	RelDist	0.
31D	DEAD	GLOBAL	Force	Gravity	RelDist	0.
31F	Lr	GLOBAL	Force	Gravity	RelDist	0.
31F	Wx	GLOBAL	Force	Gravity	RelDist	0.
31F	Wy	GLOBAL	Force	Gravity	RelDist	0.
31F	DEAD	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
311	Lr	1.	0.	0.9	1.23	1.23
311	Wx	1.	0.	0.9	0.69	0.69
311	Wy	1.	0.	0.9	0.69	0.69
311	DEAD	1.	0.	0.9	1.19	1.19
313	Lr	1.	0.	0.9	1.23	1.23
313	Wx	1.	0.	0.9	0.69	0.69
313	Wy	1.	0.	0.9	0.69	0.69
313	DEAD	1.	0.	0.9	1.19	1.19
315	Lr	1.	0.	0.9	1.23	1.23
315	Wx	1.	0.	0.9	0.69	0.69
315	Wy	1.	0.	0.9	0.69	0.69
315	DEAD	1.	0.	0.9	1.19	1.19
316	Lr	1.	0.	0.9	1.23	1.23
316	Wx	1.	0.	0.9	0.69	0.69
316	Wy	1.	0.	0.9	0.69	0.69
316	DEAD	1.	0.	0.9	1.19	1.19
318	Lr	1.	0.	0.9	1.23	1.23
318	Wx	1.	0.	0.9	0.69	0.69
318	Wy	1.	0.	0.9	0.69	0.69
318	DEAD	1.	0.	0.9	1.19	1.19
31B	Lr	1.	0.	0.9	1.23	1.23
31B	Wx	1.	0.	0.9	0.69	0.69
31B	Wy	1.	0.	0.9	0.69	0.69
31B	DEAD	1.	0.	0.9	1.19	1.19
31D	Lr	1.	0.	0.9	1.23	1.23
31D	Wx	1.	0.	0.9	0.69	0.69
31D	Wy	1.	0.	0.9	0.69	0.69
31D	DEAD	1.	0.	0.9	1.19	1.19

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
31F	Lr	1.	0.	0.9	1.23	1.23
31F	Wx	1.	0.	0.9	0.69	0.69
31F	Wy	1.	0.	0.9	0.69	0.69
31F	DEAD	1.	0.	0.9	1.19	1.19

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
311	Lr	3fb45e7c-7257-4478-b734-0ca92973093d
311	Wx	8f96b1e9-e9ab-456d-a861-355b5bba336e
311	Wy	764311fb-17e9-43fc-8a8a-03a5ff9b6226
311	DEAD	9102512b-e26f-4cf6-9f8f-188fff2af2f7
313	Lr	4caed438-a611-4965-9178-fdbf5bf123da
313	Wx	75a1033e-38d4-4f70-b988-e82020cd2cce
313	Wy	45ca71d5-c6e1-4e33-9738-00402ffee043
313	DEAD	518aeed3-bd59-465a-94fe-297508cc9eab
315	Lr	c7913341-ea1e-4ce6-b0b7-eb161a8d16c4
315	Wx	4413d86b-fed8-427e-8d4e-a25aaf7add75
315	Wy	ea8eb0d5-29ba-4b54-96f8-510cc1fbfc68
315	DEAD	97aa6137-9983-40c8-a4ec-48751e2ca00b
316	Lr	0e74e1b6-61ed-42c7-b1bf-4565f1a8c589
316	Wx	ec9db5d7-88c7-4fbf-a995-5379f3d1f369
316	Wy	4d218477-69b9-418a-86e6-0ffa44e6fb37
316	DEAD	2baa3666-6c5b-4958-b940-b1c76b359f34
318	Lr	f63be8cd-e0bb-455a-b22c-a5331471228b
318	Wx	81e3f399-355f-4569-8371-3baecf306c5b
318	Wy	08cec5d3-ec66-4184-b41e-d3e9664610b3
318	DEAD	6423a262-a5db-40c6-b076-be206f5930b8
31B	Lr	432f910e-bf84-4394-8aa8-f669e7155758
31B	Wx	638eee68-a1ba-412d-ad78-93d8c34324be
31B	Wy	5d7c55bb-3bfe-4f4d-ad32-24e651dc1d40
31B	DEAD	21b13da8-0268-4d6e-b92e-501e2c298833

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
31D	Lr	01198848-cf23-4281-b0b7-3880dfdd2be5
31D	Wx	5b11cec8-1ef1-41a3-b4a1-7c39c89fa89e
31D	Wy	09a6a12a-9653-4e5c-96e4-c3c4e5fde7b7
31D	DEAD	b931f244-7a5b-4b01-b1e4-d22ade43aca2
31F	Lr	b324e2bc-bfd9-40df-9b77-55d94bce0bd5
31F	Wx	f4e0d47f-97e7-49c6-9b55-c9676f88024c
31F	Wy	2626e33f-6975-42f3-bb12-babedca7c993
31F	DEAD	a56488b9-d1d6-4208-852b-b0c1264d66ae

Table: Frame Output Station Assignments

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
2F2	MinNumSta	3		Yes	Yes
300	MinNumSta	3		Yes	Yes
301	MinNumSta	3		Yes	Yes
302	MinNumSta	3		Yes	Yes
303	MinNumSta	3		Yes	Yes
304	MinNumSta	3		Yes	Yes
305	MinNumSta	3		Yes	Yes
306	MinNumSta	3		Yes	Yes
307	MinNumSta	3		Yes	Yes
308	MinNumSta	3		Yes	Yes
309	MinNumSta	3		Yes	Yes
30A	MinNumSta	3		Yes	Yes
30B	MinNumSta	3		Yes	Yes
30C	MinNumSta	3		Yes	Yes
311	MaxStaSpcg		0.5	Yes	Yes
313	MaxStaSpcg		0.5	Yes	Yes
315	MaxStaSpcg		0.5	Yes	Yes
316	MaxStaSpcg		0.5	Yes	Yes
318	MaxStaSpcg		0.5	Yes	Yes
31B	MaxStaSpcg		0.5	Yes	Yes
31D	MaxStaSpcg		0.5	Yes	Yes
31F	MaxStaSpcg		0.5	Yes	Yes
320	MinNumSta	3		Yes	Yes
321	MinNumSta	3		Yes	Yes
322	MinNumSta	3		Yes	Yes
323	MinNumSta	3		Yes	Yes
336	MaxStaSpcg		0.5	Yes	Yes
337	MaxStaSpcg		0.5	Yes	Yes
338	MaxStaSpcg		0.5	Yes	Yes
339	MaxStaSpcg		0.5	Yes	Yes
33A	MaxStaSpcg		0.5	Yes	Yes
33B	MaxStaSpcg		0.5	Yes	Yes

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
33C	MaxStaSpcg		0.5	Yes	Yes
33D	MaxStaSpcg		0.5	Yes	Yes
33E	MaxStaSpcg		0.5	Yes	Yes

Table: Frame Section Assignments

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
2F2	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
300	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
301	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
302	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
303	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
304	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
305	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
306	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
307	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
308	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
309	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
30A	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
30B	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
30C	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
311	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
313	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
315	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
316	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
318	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
31B	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
31D	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
31F	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
320	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
321	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
322	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
323	Circle	N.A.	tensor d 0.15 mm	N.A.	Default
336	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
337	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
338	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
339	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
33A	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
33B	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
33C	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
33D	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default
33E	Angle	N.A.	LI 1 1/2"x1/8"	LI 1 1/2"x1/8"	Default

Table: Frame Section Properties 01 - General, Part 1 of 8

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	t3	t2	SngAngWid	tf
			m	m	m	m
C60X60	4000Psi	Rectangular	0.6	0.6		
DA 0.38*0.3	A615Gr60	Double Angle	0.038	0.091	0.038	0.003

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	t3	t2	SngAngWid	tf
			m	m	m	m
ENSAM 300/12.7	A572Gr50	Box/Tube	0.3	0.3		0.0127
HEA 260	A572Gr50	I/Wide Flange	0.25	0.26		0.0125
HEA 300	A572Gr50	I/Wide Flange	0.29	0.3		0.014
IPE 160	A572Gr50	I/Wide Flange	0.16	0.082		0.0074
IPE 240	A572Gr50	I/Wide Flange	0.24	0.12		0.0098
IPE 330	A572Gr50	I/Wide Flange	0.33	0.16		0.0115
IPE 500	A572Gr50	I/Wide Flange	0.5	0.2		0.016
LI 1 1/2"x1/8"	A572Gr50	Angle	0.0381	0.0381		0.00318
LI 2"X3/8"	A572Gr50	Angle	0.0508	0.0508		0.0095
LI 3 1/2"x3/8"	A36	Angle	0.0889	0.0889		0.009525
LI 3 1/2"x5/16"	A36	Angle	0.0889	0.0889		0.00794
PHR C 305X80X2	A500GrC	Cold Formed C	0.305	0.08		
PTE 100X50X4	A500GrC	Box/Tube	0.1	0.05		0.004
PTE 135X135X4	A500GrC	Box/Tube	0.135	0.135		0.004
PTE 150X100X4	A500GrC	Box/Tube	0.15	0.1		0.004
PTE 1X2.5	A500GrC	Pipe	0.0334			
PTE 2.5X4.0	A500GrC	Pipe	0.0729			
PTE 200X200X5	A500GrC	Box/Tube	0.2	0.2		0.005
PTE 2X2.5	A500GrC	Pipe	0.0602			
PTE 3X2.0	A500GrC	Pipe	0.0889			
PTE 3X4.0	A500GrC	Pipe	0.0889			
PTE 40X40X2.5	A500GrC	Box/Tube	0.04	0.04		0.0025
TENSOR 5/8	A615Gr60	Circle	0.0159			
tensor d 0.15 mm	A615Gr60	Circle	0.015			
TUB	MAT0	Pipe	0.1524			
TUB 10"X9	A500GrC	Pipe	0.2731			
TUB 6"SCH40	A500GrC	Pipe	0.1683			
VIGA ENSAMBLADA	A572Gr50	I/Wide Flange	0.75	0.4		0.0254

Table: Frame Section Properties 01 - General, Part 2 of 8

Table: Frame Section Properties 01 - General, Part 2 of 8

SectionName	tw	t2b	tfb	dis	FilletRadius	Radius	LipDepth
	m	m	m	m	m	m	m
C60X60							
DA 0.38*0.3	0.003			0.015	0.		
ENSAM 300/12.7	0.0127				0.		
HEA 260	0.0075	0.26	0.0125		0.024		
HEA 300	0.0085	0.3	0.014		0.027		
IPE 160	0.005	0.082	0.0074		0.009		
IPE 240	0.0062	0.12	0.0098		0.015		
IPE 330	0.0075	0.16	0.0115		0.018		
IPE 500	0.0102	0.2	0.016		0.021		
LI 1 1/2"x1/8"	0.00318				0.		
LI 2"X3/8"	0.0095				0.		
LI 3 1/2"x3/8"	0.009525				0.		
LI 3 1/2"x5/16"	0.00794				0.		
PHR C 305X80X2	0.002					0.00635	0.025
PTE 100X50X4	0.004				0.008		
PTE 135X135X4	0.004				0.008		
PTE 150X100X4	0.004				0.008		
PTE 1X2.5	0.0025						
PTE 2.5X4.0	0.004						

Table: Frame Section Properties 01 - General, Part 2 of 8

SectionName	tw	t2b	tfb	dis	FilletRadius	Radius	LipDepth
	m	m	m	m	m	m	m
PTE 200X200X5	0.005				0.01		
PTE 2X2.5	0.0025						
PTE 3X2.0	0.002						
PTE 3X4.0	0.004						
PTE 40X40X2.5	0.0025				0.005		
TENSOR 5/8							
tensor d 0.15 mm							
TUB	0.00635						
TUB 10"X9	0.009						
TUB 6"SCH40	0.00711						
VIGA ENSAMBLADA	0.0126	0.4	0.0254		0.		

Table: Frame Section Properties 01 - General, Part 3 of 8

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	m2	m4	m4	m4	m4	m2	m2
C60X60	0.36	0.018252	0.0108	0.0108	0.	0.3	0.3
DA 0.38*0.3	0.000438	1.274E-09	6.107E-08	2.047E-07	0.	0.000228	0.000228
ENSAM 300/12.7	0.014595	0.000301	0.000201	0.000201	0.	0.00762	0.00762
HEA 260	0.008728	3.719E-07	0.000105	0.000037	5.421E-20	0.002019	0.006314
HEA 300	0.01129	6.053E-07	0.000183	0.000063	-5.421E-20	0.002641	0.00812
IPE 160	0.002021	2.851E-08	8.748E-06	6.836E-07	0.	0.000798	0.001262
IPE 240	0.003943	9.358E-08	0.000039	2.839E-06	0.	0.001519	0.002483
IPE 330	0.006307	2.070E-07	0.000119	7.888E-06	0.	0.002457	0.003812
IPE 500	0.011587	7.173E-07	0.000484	0.000021	1.084E-19	0.005063	0.006564
LI 1 1/2"x1/8"	0.000232	7.577E-10	3.241E-08	3.241E-08	1.927E-08	0.000121	0.000121
LI 2"X3/8"	0.000875	2.433E-08	1.990E-07	1.990E-07	1.135E-07	0.000483	0.000483
LI 3 1/2"x3/8"	0.001603	4.646E-08	1.193E-06	1.193E-06	7.046E-07	0.000847	0.000847
LI 3 1/2"x5/16"	0.001349	2.737E-08	1.020E-06	1.020E-06	6.054E-07	0.000706	0.000706
PHR C 305X80X2	0.000989	1.318E-09	0.000013	7.851E-07	0.	0.000577	0.000253
PTE 100X50X4	0.001092	1.099E-06	1.336E-06	4.482E-07	0.	0.000744	0.000394
PTE 135X135X4	0.002052	8.992E-06	5.806E-06	5.806E-06	0.	0.001054	0.000985
PTE 150X100X4	0.001892	6.494E-06	5.933E-06	3.180E-06	0.	0.001157	0.000745
PTE 1X2.5	0.000243	5.831E-08	2.915E-08	2.915E-08	0.	0.000122	0.000122
PTE 2.5X4.0	0.000866	1.031E-06	5.155E-07	5.155E-07	0.	0.000434	0.000434
PTE 200X200X5	0.003832	0.000037	0.000024	0.000024	4.066E-20	0.001966	0.001969
PTE 2X2.5	0.000453	3.779E-07	1.889E-07	1.889E-07	0.	0.000227	0.000227
PTE 3X2.0	0.000546	1.031E-06	5.157E-07	5.157E-07	0.	0.000273	0.000273
PTE 3X4.0	0.001067	1.927E-06	9.634E-07	9.634E-07	0.	0.000534	0.000534
PTE 40X40X2.5	0.000358	1.318E-07	8.181E-08	8.181E-08	0.	0.000192	0.00019
TENSOR 5/8	0.000199	6.275E-09	3.137E-09	3.137E-09	0.	0.000179	0.000179
tensor d 0.15 mm	0.000177	4.970E-09	2.485E-09	2.485E-09	0.	0.000159	0.000159
TUB	0.002914	0.000016	7.783E-06	7.783E-06	0.	0.001459	0.001459
TUB 10"X9	0.007467	0.00013	0.000065	0.000065	0.	0.003737	0.003737
TUB 6"SCH40	0.0036	0.000023	0.000012	0.000012	0.	0.001803	0.001803
VIGA ENSAMBLADA	0.02913	4.656E-06	0.003027	0.000271	0.	0.00945	0.016933

Table: Frame Section Properties 01 - General, Part 4 of 8

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	S33Top	S33Bot	S22Left	S22Right	Z33	Z22	R33
	m3	m3	m3	m3	m3	m3	m
C60X60	0.036	0.036	0.036	0.036	0.054	0.054	0.173205
DA 0.38*0.3	5.756E-06	2.230E-06	4.499E-06	4.499E-06	4.016E-06	7.932E-06	0.011808
ENSAM 300/12.7	0.001341	0.001341	0.001341	0.001341	0.001573	0.001573	0.117404
HEA 260	0.00084	0.00084	0.000282	0.000282	0.000925	0.000431	0.109707
HEA 300	0.001263	0.001263	0.000421	0.000421	0.001388	0.000642	0.127378
IPE 160	0.000109	0.000109	0.000017	0.000017	0.000125	0.000026	0.065798
IPE 240	0.000327	0.000327	0.000047	0.000047	0.00037	0.000074	0.099786
IPE 330	0.000719	0.000719	0.000099	0.000099	0.000811	0.000154	0.137169
IPE 500	0.001935	0.001935	0.000214	0.000214	0.002202	0.000336	0.204332
LI 1 1/2"x1/8"	1.183E-06	3.029E-06	3.029E-06	1.183E-06	2.131E-06	2.131E-06	0.011815
LI 2"X3/8"	5.742E-06	0.000012	0.000012	5.742E-06	0.00001	0.00001	0.015082
LI 3 1/2"x3/8"	0.000019	0.000046	0.000046	0.000019	0.000034	0.000034	0.027277
LI 3 1/2"x5/16"	0.000016	0.000041	0.000041	0.000016	0.000029	0.000029	0.027495
PHR C 305X80X2	0.000086	0.000086	0.000039	0.000013	0.000086	0.000013	0.115038
PTE 100X50X4	0.000027	0.000027	0.000018	0.000018	0.000034	0.000021	0.034969
PTE 135X135X4	0.000086	0.000086	0.000086	0.000086	0.0001	0.0001	0.05319
PTE 150X100X4	0.000079	0.000079	0.000064	0.000064	0.000095	0.000072	0.055993
PTE 1X2.5	1.746E-06	1.746E-06	1.746E-06	1.746E-06	2.392E-06	2.392E-06	0.01096
PTE 2.5X4.0	0.000014	0.000014	0.000014	0.000014	0.000019	0.000019	0.024401
PTE 200X200X5	0.000241	0.000241	0.000241	0.000241	0.000278	0.000278	0.079248
PTE 2X2.5	6.277E-06	6.277E-06	6.277E-06	6.277E-06	8.328E-06	8.328E-06	0.020419
PTE 3X2.0	0.000012	0.000012	0.000012	0.000012	0.000015	0.000015	0.030732
PTE 3X4.0	0.000022	0.000022	0.000022	0.000022	0.000029	0.000029	0.03005
PTE 40X40X2.5	4.091E-06	4.091E-06	4.091E-06	4.091E-06	4.949E-06	4.949E-06	0.015118
TENSOR 5/8	3.946E-07	3.946E-07	3.946E-07	3.946E-07	6.699E-07	6.699E-07	0.003975
tensor d 0.15 mm	3.313E-07	3.313E-07	3.313E-07	3.313E-07	5.625E-07	5.625E-07	0.00375
TUB	0.000102	0.000102	0.000102	0.000102	0.000136	0.000136	0.051685
TUB 10"X9	0.000477	0.000477	0.000477	0.000477	0.000628	0.000628	0.093428
TUB 6"SCH40	0.000139	0.000139	0.000139	0.000139	0.000185	0.000185	0.057045
VIGA ENSAMBLADA	0.008073	0.008073	0.001355	0.001355	0.008902	0.00206	0.322369

Table: Frame Section Properties 01 - General, Part 5 of 8

Table: Frame Section Properties 01 - General, Part 5 of 8

SectionName	R22	CGOffset3	CGOffset2	EccV2	EccV3	Cw	IncludeSCAn
	m	m	m	m	m	m6	
C60X60	0.173205	0.	0.	0.	0.	0.	
DA 0.38*0.3	0.021619	0.	0.00839	0.	0.009101	1.459E-13	
ENSAM 300/12.7	0.117404	0.	0.	0.	0.	0.	
HEA 260	0.064832	-2.776E-17	8.327E-17	0.	0.	5.164E-07	
HEA 300	0.074762	0.	2.776E-17	0.	0.	1.200E-06	
IPE 160	0.018394	6.939E-18	-4.163E-17	0.	0.	3.959E-09	
IPE 240	0.026833	-6.939E-18	1.388E-17	0.	0.	3.739E-08	
IPE 330	0.035366	1.388E-17	5.551E-17	0.	0.	1.991E-07	
IPE 500	0.042999	0.	1.110E-16	0.	0.	1.249E-06	
LI 1 1/2"x1/8"	0.011815	0.00835	-0.00835	0.008973	-0.008973	8.694E-14	
LI 2"X3/8"	0.015082	0.00926	-0.00926	0.01045	-0.01045	4.651E-12	
LI 3 1/2"x3/8"	0.027277	0.018721	-0.018721	0.020435	-0.020435	2.860E-11	
LI 3 1/2"x5/16"	0.027495	0.019294	-0.019294	0.020818	-0.020818	1.704E-11	
PHR C 305X80X2	0.028179	0.020116	0.	0.071897	0.	1.537E-08	Yes
PTE 100X50X4	0.020256	-2.082E-17	2.776E-17	0.	0.	0.	

Table: Frame Section Properties 01 - General, Part 5 of 8

SectionName	R22	CGOffset3	CGOffset2	EccV2	EccV3	Cw	IncludeSCAn
	m	m	m	m	m	m6	
PTE 135X135X4	0.05319	1.388E-17	2.776E-17	0.	0.	0.	
PTE 150X100X4	0.040993	0.	1.388E-17	0.	0.	0.	
PTE 1X2.5	0.01096	0.	0.	0.	0.	0.	
PTE 2.5X4.0	0.024401	0.	0.	0.	0.	0.	
PTE 200X200X5	0.079248	0.	1.110E-16	0.	0.	0.	
PTE 2X2.5	0.020419	0.	0.	0.	0.	0.	
PTE 3X2.0	0.030732	0.	0.	0.	0.	0.	
PTE 3X4.0	0.03005	0.	0.	0.	0.	0.	
PTE 40X40X2.5	0.015118	3.469E-18	3.469E-18	0.	0.	0.	
TENSOR 5/8	0.003975	0.	0.	0.	0.	0.	
tensor d 0.15 mm	0.00375	0.	0.	0.	0.	0.	
TUB	0.051685	0.	0.	0.	0.	0.	
TUB 10"X9	0.093428	0.	0.	0.	0.	0.	
TUB 6"SCH40	0.057045	0.	0.	0.	0.	0.	
VIGA ENSAMBLADA	0.096462	0.	0.	0.	0.	0.000036	

Table: Frame Section Properties 01 - General, Part 6 of 8

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	ConcCol	ConcBeam	Color	TotalWt	TotalMass	FromFile	AMod
				KN	KN-s2/m		
C60X60	Yes	No	Blue	0.	0.	No	1.
DA 0.38*0.3	No	No	Red	0.	0.	No	1.
ENSAM 300/12.7	No	No	16711808	0.	0.	No	1.
HEA 260	No	No	Magenta	0.	0.	No	1.
HEA 300	No	No	Red	0.	0.	No	1.
IPE 160	No	No	Yellow	0.	0.	No	1.
IPE 240	No	No	Orange	0.	0.	No	1.
IPE 330	No	No	Blue	0.	0.	No	1.
IPE 500	No	No	Cyan	0.	0.	No	1.
LI 1 1/2"x1/8"	No	No	Blue	0.257	2.625E-02	No	1.
LI 2"X3/8"	No	No	Red	0.	0.	No	1.
LI 3 1/2"x3/8"	No	No	Magenta	0.	0.	No	1.
LI 3 1/2"x5/16"	No	No	Cyan	0.	0.	No	1.
PHR C 305X80X2	No	No	Green	0.	0.	No	1.
PTE 100X50X4	No	No	Cyan	0.	0.	No	1.
PTE 135X135X4	No	No	Orange	0.	0.	No	1.
PTE 150X100X4	No	No	Blue	0.	0.	No	1.
PTE 1X2.5	No	No	Orange	0.	0.	No	1.
PTE 2.5X4.0	No	No	8388863	0.	0.	No	1.
PTE 200X200X5	No	No	16744448	0.	0.	No	1.
PTE 2X2.5	No	No	Cyan	0.	0.	No	1.
PTE 3X2.0	No	No	Blue	0.	0.	No	1.
PTE 3X4.0	No	No	Gray8Dark	0.	0.	No	1.
PTE 40X40X2.5	No	No	4227072	0.	0.	No	1.
TENSOR 5/8	No	No	Red	0.	0.	No	1.
tensor d 0.15 mm	No	No	Gray8Dark	0.129	1.314E-02	No	1.
TUB	No	No	Yellow	0.	0.	No	1.
TUB 10"X9	No	No	Red	0.	0.	No	1.
TUB 6"SCH40	No	No	Green	0.	0.	No	1.
VIGA ENSAMBLADA	No	No	Green	0.	0.	No	1.

Table: Frame Section Properties 01 - General, Part 7 of 8

Table: Frame Section Properties 01 - General, Part 7 of 8

SectionName	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
C60X60	1.	1.	1.	1.	1.	1.	1.
DA 0.38*0.3	1.	1.	1.	1.	1.	1.	1.
ENSAM 300/12.7	1.	1.	1.	1.	1.	1.	1.
HEA 260	1.	1.	1.	1.	1.	1.	1.
HEA 300	1.	1.	1.	1.	1.	1.	1.
IPE 160	1.	1.	1.	1.	1.	1.	1.
IPE 240	1.	1.	1.	1.	1.	1.	1.
IPE 330	1.	1.	1.	1.	1.	1.	1.
IPE 500	1.	1.	1.	1.	1.	1.	1.
LI 1 1/2"x1/8"	1.	1.	1.	1.	1.	1.	1.
LI 2"X3/8"	1.	1.	1.	1.	1.	1.	1.
LI 3 1/2"x3/8"	1.	1.	1.	1.	1.	1.	1.
LI 3 1/2"x5/16"	1.	1.	1.	1.	1.	1.	1.
PHR C 305X80X2	1.	1.	1.	1.	1.	1.	1.
PTE 100X50X4	1.	1.	1.	1.	1.	1.	1.
PTE 135X135X4	1.	1.	1.	1.	1.	1.	1.
PTE 150X100X4	1.	1.	1.	1.	1.	1.	1.
PTE 1X2.5	1.	1.	1.	1.	1.	1.	1.
PTE 2.5X4.0	1.	1.	1.	1.	1.	1.	1.
PTE 200X200X5	1.	1.	1.	1.	1.	1.	1.
PTE 2X2.5	1.	1.	1.	1.	1.	1.	1.
PTE 3X2.0	1.	1.	1.	1.	1.	1.	1.
PTE 3X4.0	1.	1.	1.	1.	1.	1.	1.
PTE 40X40X2.5	1.	1.	1.	1.	1.	1.	1.
TENSOR 5/8	1.	1.	1.	1.	1.	1.	1.
tensor d 0.15 mm	1.	1.	1.	1.	1.	1.	1.
TUB	1.	1.	0.0001	0.0001	0.0001	0.0001	0.0001
TUB 10"X9	1.	1.	1.	1.	1.	1.	1.
TUB 6"SCH40	1.	1.	1.	1.	1.	1.	1.
VIGA ENSAMBLADA	1.	1.	1.	1.	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 8 of 8

Table: Frame Section Properties 01 - General, Part 8 of 8

SectionName	GUID	Notes
C60X60		Added 22/11/2024 8:03:33 a. m.
DA 0.38*0.3		Added 5/12/2024 17:20:38
ENSAM 300/12.7		Added 22/11/2024 4:31:22 p. m.
HEA 260		Added 1/05/2021 10:38:56 a. m.
HEA 300		Added 1/05/2021 10:40:10 a. m.
IPE 160		Added 1/05/2021 2:41:57 p. m.
IPE 240		Added 11/08/2023 9:58:27 a. m.
IPE 330		Added 1/05/2021 11:16:36 a. m.
IPE 500		Added 11/08/2023 1:26:31 p. m.
LI 1 1/2"x1/8"		Added 28/07/2021 10:25:03 p. m.
LI 2"X3/8"		Added 28/07/2021 10:21:49 p. m.
LI 3 1/2"x3/8"		Added 28/07/2021 10:29:19 p. m.
LI 3 1/2"x5/16"		Added 28/07/2021 10:27:52 p. m.
PHR C 305X80X2		Added 27/04/2021 9:19:51 p. m.
PTE 100X50X4		Added 22/11/2024 8:16:32 a. m.

Table: Frame Section Properties 01 - General, Part 8 of 8

SectionName	GUID	Notes
PTE 135X135X4		Added 16/04/2024 4:23:06 p. m.
PTE 150X100X4		Added 22/11/2024 8:15:53 a. m.
PTE 1X2.5		Added 15/09/2021 10:17:05 p. m.
PTE 2.5X4.0		Added 1/05/2021 10:51:46 a. m.
PTE 200X200X5		Added 23/11/2024 4:49:32 p. m.
PTE 2X2.5		Added 1/05/2021 10:50:04 a. m.
PTE 3X2.0		Added 1/05/2021 2:49:47 p. m.
PTE 3X4.0		Added 1/05/2021 3:12:46 p. m.
PTE 40X40X2.5		Added 17/04/2024 8:46:36 a. m.
TENSOR 5/8		Added 1/05/2021 10:42:29 a. m.
tensor d 0.15 mm		Added 5/12/2024 13:12:10
TUB		Added 16/04/2024 4:21:35 p. m.
TUB 10"X9		Added 22/11/2024 12:01:57 p. m.
TUB 6"SCH40		Added 1/05/2021 10:51:01 a. m.
VIGA ENSAMBLADA		Added 1/05/2021 10:41:16 a. m.

Table: Frame Section Properties 13 - Time Dependent

Table: Frame Section Properties 13 - Time Dependent

SectionName	TypeSize	AutoValSize	AutoSFSize	UserValSize
		m		m
C60X60	Auto	0.3	1.	
DA 0.38*0.3	Auto	0.	1.	
ENSAM 300/12.7	Auto	0.0127	1.	
HEA 260	Auto	0.	1.	
HEA 300	Auto	0.	1.	
IPE 160	Auto	0.	1.	
IPE 240	Auto	0.	1.	
IPE 330	Auto	0.	1.	
IPE 500	Auto	0.	1.	
LI 1 1/2"x1/8"	Auto	0.00305	1.	
LI 2"X3/8"	Auto	0.00861	1.	
LI 3 1/2"x3/8"	Auto	0.00901	1.	
LI 3 1/2"x5/16"	Auto	0.00759	1.	
PTE 100X50X4	Auto	0.	1.	
PTE 135X135X4	Auto	0.	1.	
PTE 150X100X4	Auto	0.	1.	
PTE 1X2.5	Auto	0.0025	1.	
PTE 2.5X4.0	Auto	0.004	1.	
PTE 200X200X5	Auto	0.	1.	
PTE 2X2.5	Auto	0.0025	1.	
PTE 3X2.0	Auto	0.002	1.	
PTE 3X4.0	Auto	0.004	1.	
PTE 40X40X2.5	Auto	0.	1.	
TENSOR 5/8	Auto	0.00795	1.	
tensor d 0.15 mm	Auto	0.0075	1.	
TUB	Auto	0.00635	1.	
TUB 10"X9	Auto	0.009	1.	
TUB 6"SCH40	Auto	0.00711	1.	
VIGA ENSAMBLADA	Auto	0.02561	1.	

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1	GLOBAL	Cartesian	0.	0.16	-0.16	No	0.
2	GLOBAL	Cartesian	0.45	0.16	-0.16	No	0.45
3	GLOBAL	Cartesian	1.35	0.16	-0.16	No	1.35
4	GLOBAL	Cartesian	2.25	0.16	-0.16	No	2.25
5	GLOBAL	Cartesian	3.15	0.16	-0.16	No	3.15
6	GLOBAL	Cartesian	4.05	0.16	-0.16	No	4.05
7	GLOBAL	Cartesian	4.95	0.16	-0.16	No	4.95
8	GLOBAL	Cartesian	5.85	0.16	-0.16	No	5.85
9	GLOBAL	Cartesian	6.75	0.16	-0.16	No	6.75
10	GLOBAL	Cartesian	7.2	0.16	-0.16	No	7.2
11	GLOBAL	Cartesian	0.	0.16	0.16	No	0.
12	GLOBAL	Cartesian	0.9	0.16	0.16	No	0.9
13	GLOBAL	Cartesian	1.8	0.16	0.16	No	1.8
14	GLOBAL	Cartesian	2.7	0.16	0.16	No	2.7
15	GLOBAL	Cartesian	3.6	0.16	0.16	No	3.6
16	GLOBAL	Cartesian	4.5	0.16	0.16	No	4.5
17	GLOBAL	Cartesian	5.4	0.16	0.16	No	5.4
18	GLOBAL	Cartesian	6.3	0.16	0.16	No	6.3
19	GLOBAL	Cartesian	7.2	0.16	0.16	No	7.2

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	0.16	-0.16	437766f7-0a6c-4124-8fef-5fc47e764b79
2	0.16	-0.16	fcaa655c-23d3-41fc-b668-6f1286b430a1
3	0.16	-0.16	6a8e967d-d6d7-4caf-9799-37a4f647b747
4	0.16	-0.16	12028dd8-528b-4f8d-a39d-2e772e8082e0
5	0.16	-0.16	730e03c3-a496-4ace-8fb7-d8ecd431f723
6	0.16	-0.16	4eef9b8a-fc8a-4343-96b3-c5fb5a87e7d3
7	0.16	-0.16	697f7718-facc-4786-b0fa-e3fdb956e1cb
8	0.16	-0.16	15952059-5ea4-42da-8690-5d1664cf9730
9	0.16	-0.16	5c67bafc-eff3-4e10-be14-fd8be41983cd
10	0.16	-0.16	8f6acb60-8da2-47d0-8e9d-bb1821aa2150
11	0.16	0.16	62c26cf7-b26f-4fd0-b5e9-6a7271b7b4f0
12	0.16	0.16	a95ae57e-823f-414a-8dce-0aa29c5b1555
13	0.16	0.16	d7de2e14-0129-4bec-aefb-a6c4a59957c5
14	0.16	0.16	cb44751b-e0fe-4e90-9c94-5d17ac00eb7e
15	0.16	0.16	9bbb905d-c360-460f-bf8c-6903757b6e0f

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
16	0.16	0.16	f9209342-97cb-4290-ac3c-c35d14d25b8c
17	0.16	0.16	bd2f3344-76ce-42ae-93df-cb01df23fa23
18	0.16	0.16	b5d41ba4-0f97-4b17-8cbb-57e31d0eb1c9
19	0.16	0.16	3b8c177d-293c-4524-ba67-960a7d8c62e6

Table: Joint Pattern Definitions

Table: Joint Pattern Definitions

Pattern
Default

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
1	Yes	Yes	Yes	No	No	No
10	No	No	Yes	No	No	No

Table: Load Pattern Definitions, Part 1 of 2

Table: Load Pattern Definitions, Part 1 of 2

LoadPat	DesignType	SelfWtMult	AutoLoad	NotBasePat	NotRatio	NotDir	GUID
DEAD	Dead	1.					89b71440-d8b9-4957-9c92-dcb794fa0c28
L	Live	0.					e8523ef7-9cf1-46e7-9def-f8c92b2425a2
Lr	Live	0.					4e8c5bfe-bd71-461b-a384-0aa2f257262e
G	Other	0.					0e023544-ab2b-4130-b0ab-df0daae3c90c
Le	Other	0.					4de1edf7-2e97-440a-955f-016558f20bb9
Wx	Other	0.					108a26aa-c5b6-489a-9ca0-b9c0b896e9c1
Wy	Other	0.					c5a5f232-b5d2-4eff-8f7d-31eebcbfbc4b
CFx D	Notional	0.		DEAD	0.002	Global X	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFy D	Notional	0.		DEAD	0.002	Global Y	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFx L	Notional	0.		L	0.002	Global X	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFy L	Notional	0.		L	0.002	Global Y	8e273cdf-2824-4061-b8d9-e6a4f7220372
CFx Lr	Notional	0.		Lr	0.002	Global X	1e8dcd38-73f6-4764-b68f-2688ad0989dd

Table: Load Pattern Definitions, Part 1 of 2

LoadPat	DesignType	SelfWtMult	AutoLoad	NotBasePat	NotRatio	NotDir	GUID
CFy Lr	Notional	0.		Lr	0.002	Global Y	9d46fb9e-74d8-4584-9f89-81b64581b30b
Ex	Quake	0.	USER LOADS				4fcd391f-6c5b-46c1-a539-aa25293dd916
Ey	Quake	0.	USER LOADS				78020638-31c9-4c45-9574-de3a1b15027e
FSx	Quake	0.	USER LOADS				2ed9a208-ec0e-47c1-84c8-75f930036c6d
FSy	Quake	0.	USER LOADS				be5f789a-2f93-40bc-94e1-46c4823fc9ba
UDx	Quake	0.	USER LOADS				cfaa5d6b-a8f1-40ad-bf9a-d35716149acb
UDy	Quake	0.	USER LOADS				eb304c40-9536-4b6e-a261-e505cf82ffe1

Table: Load Pattern Definitions, Part 2 of 2

Table: Load Pattern Definitions, Part 2 of 2

LoadPat	Notes
DEAD	
L	Added 17/04/2021 11:27:29 a. m.
Lr	Added 17/04/2021 11:27:40 a. m.
G	Added 17/04/2021 11:27:56 a. m.
Le	Added 17/04/2021 11:28:02 a. m.
Wx	Added 17/04/2021 11:28:10 a. m.
Wy	Added 17/04/2021 11:28:19 a. m.
CFx D	Added 17/04/2021 12:43:44 p. m.
CFy D	Added 17/04/2021 12:44:04 p. m.
CFx L	Added 17/04/2021 12:44:28 p. m.
CFy L	Added 17/04/2021 12:44:50 p. m.
CFx Lr	Added 17/04/2021 12:45:03 p. m.
CFy Lr	Added 17/04/2021 12:45:09 p. m.
Ex	Added 27/07/2021 8:40:25 p. m.
Ey	Added 27/07/2021 8:41:03 p. m.
FSx	Added 4/09/2023 11:58:19 a. m.
FSy	Added 4/09/2023 11:58:26 a. m.
UDx	Added 4/09/2023 11:58:33 a. m.
UDy	Added 4/09/2023 11:58:41 a. m.

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	SymType	TempDepend	Color	GUID
4000Psi	Concrete	f'c 4000 psi	Isotropic	No	Yellow	913b5503-0307-4f2c-89b6-a3727255efa1
A36	Steel	Grade 36	Isotropic	No	Gray8Dark	156654cf-7b83-4d00-b9af-c284a3f15f3f
A416Gr270	Tendon	Grade 270	Uniaxial	No	Magenta	7c3b9d73-a127-42bd-b343-8503142fc6ce
A500GrC	Steel	Grade C	Isotropic	No	Gray8Dark	d24528e1-a184-4648-9296-2bcc67f47ec8

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	SymType	TempDepend	Color	GUID
A53GrB	Steel	Grade B	Isotropic	No	Cyan	75d9f620-1e2d-4595-8d8d-9609361229c4
A572Gr50	Steel	Grade 50	Isotropic	No	Blue	3a5eaff2-fca2-4b07-877c-39ed28734da1
A615Gr60	Rebar	Grade 60	Uniaxial	No	Green	f430aec0-81a0-42f9-8ab0-8d4f8d5c2a7f
A653SQGr50	ColdFormed	SQ Grade 50	Isotropic	No	Green	a05cf719-4849-4c94-83de-0be7a4783db1
A992Fy50	Steel	Grade 50	Isotropic	No	Magenta	
MAT0	Concrete		Isotropic	No	Yellow	2700b4ee-d9c4-4c3f-9595-c7af6455445d

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Customary f'c 4000 psi 17/04/2021 11:27:06 a. m.
A36	United States ASTM A36 Grade 36 added 28/07/2021 10:20:33 p. m.
A416Gr270	ASTM A416 Grade 270 1/05/2021 10:18:57 a. m.
A500GrC	United States ASTM A500 Grade C added 27/04/2021 9:15:25 p. m.
A53GrB	United States ASTM A53 Grade B added 22/11/2024 8:12:15 a. m.
A572Gr50	United States ASTM A572 Grade 50 added 27/04/2021 9:15:38 p. m.
A615Gr60	ASTM A615 Grade 60 1/05/2021 10:38:09 a. m.
A653SQGr50	ASTM A653 SQ Grade 50 27/04/2021 9:16:29 p. m.
A992Fy50	ASTM A992 Grade 50 17/04/2021 11:27:06 a. m.
MAT0	Customary f'c 4000 psi 17/04/2021 11:27:06 a. m.

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy	Fu	EffFy	EffFu	SSCurveOpt	SSHysType	SHard	SMax
	KN/m2	KN/m2	KN/m2	KN/m2				
A36	248211.28	399895.96	372316.93	439885.55	Simple	Kinematic	0.02	0.14
A500GrC	344737.89	427474.99	379211.68	470222.49	Simple	Kinematic	0.018	0.12
A53GrB	241316.53	413685.47	265448.18	455054.02	Simple	Kinematic	0.02	0.14
A572Gr50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	SRup	FinalSlope	CoupModType
A36	0.2	-0.1	Von Mises
A500GrC	0.18	-0.1	Von Mises
A53GrB	0.2	-0.1	Von Mises
A572Gr50	0.17	-0.1	Von Mises
A992Fy50	0.17	-0.1	Von Mises

Table: Program Control, Part 1 of 2

Table: Program Control, Part 1 of 2

ProgramName	Version	ProgLevel	LicenseNum	LicenseOS	LicenseSC	LicenseHT	CurrUnits
SAP2000	24.2.0	Ultimate	3010*1BMB9U5HFBWYTE6	Yes	Yes	No	KN, m, C

Table: Program Control, Part 2 of 2

Table: Program Control, Part 2 of 2

SteelCode	ConcCode	AlumCode	ColdCode	RegenHinge
AISC 360-16	ACI 318-14	AA 2015	AISI-ASD96	Yes

ANEXO B. DATOS DE ENTRADA Y SALIDA – CUBIERTA CERCHA TIPO 2

Table: Base Reactions, Part 1 of 3

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	StepType	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
			KN	KN	KN	KN-m	KN-m	KN-m
DIS	Combination	Max	1.163	0.693	14.195	3.5496	-11.9292	3.1916
DIS	Combination	Min	-1.163	-0.693	3.435	0.7103	-49.6463	-3.1916

Table: Base Reactions, Part 2 of 3

Table: Base Reactions, Part 2 of 3

OutputCase	StepType	GlobalX	GlobalY	GlobalZ	XCentroidFX	YCentroidFX	ZCentroidFX	XCentroidFY
		m	m	m	m	m	m	m
DIS	Max	0.	0.	0.	0.	0.	0.	0.
DIS	Min	0.	0.	0.	0.	0.	0.	0.

Table: Base Reactions, Part 3 of 3

Table: Base Reactions, Part 3 of 3

OutputCase	StepType	YCentroidFY	ZCentroidFY	XCentroidFZ	YCentroidFZ	ZCentroidFZ
		m	m	m	m	m
DIS	Max	0.	0.	0.	0.	0.
DIS	Min	0.	0.	0.	0.	0.

Table: Combination Definitions, Part 1 of 3

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS01	Linear Add	No	Linear Static	DEAD	1.4	None
DIS01			Linear Static	CFx D	1.4	
DIS02	Linear Add	No	Linear Static	DEAD	1.4	None
DIS02			Linear Static	CFx D	-1.4	
DIS03	Linear Add	No	Linear Static	DEAD	1.4	None
DIS03			Linear Static	CFy D	1.4	
DIS04	Linear Add	No	Linear Static	DEAD	1.4	None
DIS04			Linear Static	CFy D	-1.4	
DIS05	Linear Add	No	Linear Static	DEAD	1.2	None
DIS05			Linear Static	L	1.6	
DIS05			Linear Static	Lr	0.5	
DIS05			Linear Static	CFx D	1.2	
DIS05			Linear Static	CFx L	1.6	
DIS05			Linear Static	CFx Lr	0.5	
DIS06	Linear Add	No	Linear Static	DEAD	1.2	None
DIS06			Linear Static	L	1.6	
DIS06			Linear Static	Lr	0.5	
DIS06			Linear Static	CFx D	-1.2	
DIS06			Linear Static	CFx L	-1.6	
DIS06			Linear Static	CFx Lr	-0.5	
DIS07	Linear Add	No	Linear Static	DEAD	1.2	None
DIS07			Linear Static	L	1.6	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS07			Linear Static	Lr	0.5	
DIS07			Linear Static	CFy D	1.2	
DIS07			Linear Static	CFy L	1.6	
DIS07			Linear Static	CFy Lr	0.5	
DIS08	Linear Add	No	Linear Static	DEAD	1.2	None
DIS08			Linear Static	L	1.6	
DIS08			Linear Static	Lr	0.5	
DIS08			Linear Static	CFy D	-1.2	
DIS08			Linear Static	CFy L	-1.6	
DIS08			Linear Static	CFy Lr	-0.5	
DIS09	Linear Add	No	Linear Static	DEAD	1.2	None
DIS09			Linear Static	L	1.6	
DIS09			Linear Static	G	0.5	
DIS09			Linear Static	CFx D	1.2	
DIS09			Linear Static	CFx L	1.6	
DIS10	Linear Add	No	Linear Static	DEAD	1.2	None
DIS10			Linear Static	L	1.6	
DIS10			Linear Static	G	0.5	
DIS10			Linear Static	CFx D	-1.2	
DIS10			Linear Static	CFx L	-1.6	
DIS11	Linear Add	No	Linear Static	DEAD	1.2	None
DIS11			Linear Static	L	1.6	
DIS11			Linear Static	G	0.5	
DIS11			Linear Static	CFy D	1.2	
DIS11			Linear Static	CFy L	1.6	
DIS12	Linear Add	No	Linear Static	DEAD	1.2	None
DIS12			Linear Static	L	1.6	
DIS12			Linear Static	G	0.5	
DIS12			Linear Static	CFy D	-1.2	
DIS12			Linear Static	CFy L	-1.6	
DIS13	Linear Add	No	Linear Static	DEAD	1.2	None
DIS13			Linear Static	L	1.6	
DIS13			Linear Static	Le	0.5	
DIS13			Linear Static	CFx D	1.2	
DIS13			Linear Static	CFx L	1.6	
DIS14	Linear Add	No	Linear Static	DEAD	1.2	None
DIS14			Linear Static	L	1.6	
DIS14			Linear Static	Le	0.5	
DIS14			Linear Static	CFx D	-1.2	
DIS14			Linear Static	CFx L	-1.6	
DIS15	Linear Add	No	Linear Static	DEAD	1.2	None
DIS15			Linear Static	L	1.6	
DIS15			Linear Static	Le	0.5	
DIS15			Linear Static	CFy D	1.2	
DIS15			Linear Static	CFy L	1.6	
DIS16	Linear Add	No	Linear Static	DEAD	1.2	None
DIS16			Linear Static	L	1.6	
DIS16			Linear Static	Le	0.5	
DIS16			Linear Static	CFy D	-1.2	
DIS16			Linear Static	CFy L	-1.6	
DIS17	Linear Add	No	Linear Static	DEAD	1.2	None
DIS17			Linear Static	L	1.	
DIS17			Linear Static	Lr	1.6	
DIS17			Linear Static	CFx D	1.2	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS17			Linear Static	CFx L	1.	
DIS17			Linear Static	CFx Lr	1.6	
DIS18	Linear Add	No	Linear Static	DEAD	1.2	None
DIS18			Linear Static	L	1.	
DIS18			Linear Static	Lr	1.6	
DIS18			Linear Static	CFx D	-1.2	
DIS18			Linear Static	CFx L	-1.	
DIS18			Linear Static	CFx Lr	-1.6	
DIS19	Linear Add	No	Linear Static	DEAD	1.2	None
DIS19			Linear Static	L	1.	
DIS19			Linear Static	Lr	1.6	
DIS19			Linear Static	CFy D	1.2	
DIS19			Linear Static	CFy L	1.	
DIS19			Linear Static	CFy Lr	1.6	
DIS20	Linear Add	No	Linear Static	DEAD	1.2	None
DIS20			Linear Static	L	1.	
DIS20			Linear Static	Lr	1.6	
DIS20			Linear Static	CFy D	-1.2	
DIS20			Linear Static	CFy L	-1.	
DIS20			Linear Static	CFy Lr	-1.6	
DIS21	Linear Add	No	Linear Static	DEAD	1.2	None
DIS21			Linear Static	L	1.	
DIS21			Linear Static	G	1.6	
DIS21			Linear Static	CFx D	1.2	
DIS21			Linear Static	CFx L	1.	
DIS22	Linear Add	No	Linear Static	DEAD	1.2	None
DIS22			Linear Static	L	1.	
DIS22			Linear Static	G	1.6	
DIS22			Linear Static	CFx D	-1.2	
DIS22			Linear Static	CFx L	-1.2	
DIS23	Linear Add	No	Linear Static	DEAD	1.2	None
DIS23			Linear Static	L	1.	
DIS23			Linear Static	G	1.6	
DIS23			Linear Static	CFy D	1.2	
DIS23			Linear Static	CFy L	1.	
DIS24	Linear Add	No	Linear Static	DEAD	1.2	None
DIS24			Linear Static	L	1.	
DIS24			Linear Static	G	1.6	
DIS24			Linear Static	CFy D	-1.2	
DIS24			Linear Static	CFy L	-1.	
DIS25	Linear Add	No	Linear Static	DEAD	1.2	None
DIS25			Linear Static	L	1.	
DIS25			Linear Static	Le	1.6	
DIS25			Linear Static	CFx D	1.2	
DIS25			Linear Static	CFx L	1.	
DIS26	Linear Add	No	Linear Static	DEAD	1.2	None
DIS26			Linear Static	L	1.	
DIS26			Linear Static	Le	1.6	
DIS26			Linear Static	CFx D	-1.2	
DIS26			Linear Static	CFx L	-1.	
DIS27	Linear Add	No	Linear Static	DEAD	1.2	None
DIS27			Linear Static	L	1.	
DIS27			Linear Static	Le	1.6	
DIS27			Linear Static	CFy D	1.2	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS27			Linear Static	CFy L	1.	
DIS28	Linear Add	No	Linear Static	DEAD	1.2	None
DIS28			Linear Static	L	1.	
DIS28			Linear Static	Le	1.6	
DIS28			Linear Static	CFy D	-1.2	
DIS28			Linear Static	CFy L	-1.	
DIS29	Linear Add	No	Linear Static	DEAD	1.2	None
DIS29			Linear Static	Lr	1.6	
DIS29			Linear Static	Wx	0.5	
DIS30	Linear Add	No	Linear Static	DEAD	1.2	None
DIS30			Linear Static	Lr	1.6	
DIS30			Linear Static	Wy	0.5	
DIS31	Linear Add	No	Linear Static	DEAD	1.2	None
DIS31			Linear Static	Lr	1.6	
DIS31			Linear Static	Wx	0.38	
DIS31			Linear Static	Wy	0.38	
DIS32	Linear Add	No	Linear Static	DEAD	1.2	None
DIS32			Linear Static	G	1.6	
DIS32			Linear Static	Wx	0.5	
DIS33	Linear Add	No	Linear Static	DEAD	1.2	None
DIS33			Linear Static	G	1.6	
DIS33			Linear Static	Wy	0.5	
DIS34	Linear Add	No	Linear Static	DEAD	1.2	None
DIS34			Linear Static	G	1.6	
DIS34			Linear Static	Wx	0.38	
DIS34			Linear Static	Wy	0.38	
DIS35	Linear Add	No	Linear Static	DEAD	1.2	None
DIS35			Linear Static	Le	1.6	
DIS35			Linear Static	Wx	0.5	
DIS36	Linear Add	No	Linear Static	DEAD	1.2	None
DIS36			Linear Static	Le	1.6	
DIS36			Linear Static	Wy	0.5	
DIS37	Linear Add	No	Linear Static	DEAD	1.2	None
DIS37			Linear Static	Le	1.6	
DIS37			Linear Static	Wx	0.38	
DIS37			Linear Static	Wy	0.38	
DIS38	Linear Add	No	Linear Static	DEAD	1.2	None
DIS38			Linear Static	L	1.	
DIS38			Linear Static	Lr	0.5	
DIS38			Linear Static	Wx	1.	
DIS39	Linear Add	No	Linear Static	DEAD	1.2	None
DIS39			Linear Static	L	1.	
DIS39			Linear Static	Lr	0.5	
DIS39			Linear Static	Wy	1.	
DIS40	Linear Add	No	Linear Static	DEAD	1.2	None
DIS40			Linear Static	L	1.	
DIS40			Linear Static	Lr	0.5	
DIS40			Linear Static	Wy	0.75	
DIS40			Linear Static	Wx	0.75	
DIS41	Linear Add	No	Linear Static	DEAD	1.2	None
DIS41			Linear Static	L	1.	
DIS41			Linear Static	G	0.5	
DIS41			Linear Static	Wx	1.	
DIS42	Linear Add	No	Linear Static	DEAD	1.2	None

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS42			Linear Static	L	1.	
DIS42			Linear Static	G	0.5	
DIS42			Linear Static	Wy	1.	
DIS43	Linear Add	No	Linear Static	DEAD	1.2	None
DIS43			Linear Static	L	1.	
DIS43			Linear Static	G	0.5	
DIS43			Linear Static	Wx	0.75	
DIS43			Linear Static	Wy	0.75	
DIS44	Linear Add	No	Linear Static	DEAD	1.2	None
DIS44			Linear Static	L	1.	
DIS44			Linear Static	Le	0.5	
DIS44			Linear Static	Wx	1.	
DIS45	Linear Add	No	Linear Static	DEAD	1.2	None
DIS45			Linear Static	L	1.	
DIS45			Linear Static	Le	0.5	
DIS45			Linear Static	Wy	1.	
DIS46	Linear Add	No	Linear Static	DEAD	1.2	None
DIS46			Linear Static	L	1.	
DIS46			Linear Static	Le	0.5	
DIS46			Linear Static	Wx	0.75	
DIS46			Linear Static	Wy	0.75	
DIS47	Linear Add	No	Linear Static	DEAD	1.2	None
DIS47			Linear Static	L	1.	
DIS47			Linear Static	CFx D	1.2	
DIS47			Linear Static	CFx L	1.	
DIS48	Linear Add	No	Linear Static	DEAD	1.2	None
DIS48			Linear Static	L	1.	
DIS48			Linear Static	CFx D	-1.2	
DIS48			Linear Static	CFx L	-1.	
DIS49	Linear Add	No	Linear Static	DEAD	1.2	None
DIS49			Linear Static	L	1.	
DIS49			Linear Static	CFy D	1.2	
DIS49			Linear Static	CFy L	1.	
DIS50	Linear Add	No	Linear Static	DEAD	1.2	None
DIS50			Linear Static	L	1.	
DIS50			Linear Static	CFy D	-1.2	
DIS50			Linear Static	CFy L	-1.	
DIS51	Linear Add	No	Linear Static	DEAD	0.9	None
DIS51			Linear Static	Wx	1.	
DIS52	Linear Add	No	Linear Static	DEAD	0.9	None
DIS52			Linear Static	Wy	1.	
DIS53	Linear Add	No	Linear Static	DEAD	0.9	None
DIS53			Linear Static	Wx	0.75	
DIS53			Linear Static	Wy	0.75	
DIS54	Linear Add	No	Linear Static	DEAD	0.9	None
DIS54			Linear Static	CFx D	0.9	
DIS55	Linear Add	No	Linear Static	DEAD	0.9	None
DIS55			Linear Static	CFx D	-0.9	
DIS56	Linear Add	No	Linear Static	DEAD	0.9	None
DIS56			Linear Static	CFy D	0.9	
DIS57	Linear Add	No	Linear Static	DEAD	0.9	None
DIS57			Linear Static	CFy D	-0.9	
DIS58	Linear Add	No	Linear Static	DEAD	1.2	None
DIS58			Linear Static	L	1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS58			Response Spectrum	Ex	1.	
DIS58			Response Spectrum	Ey	0.3	
DIS59	Linear Add	No	Linear Static	DEAD	1.2	None
DIS59			Linear Static	L	1.	
DIS59			Response Spectrum	Ex	1.	
DIS59			Response Spectrum	Ey	-0.3	
DIS60	Linear Add	No	Linear Static	DEAD	1.2	None
DIS60			Linear Static	L	1.	
DIS60			Response Spectrum	Ex	-1.	
DIS60			Response Spectrum	Ey	0.3	
DIS61	Linear Add	No	Linear Static	DEAD	1.2	None
DIS61			Linear Static	L	1.	
DIS61			Response Spectrum	Ex	-1.	
DIS61			Response Spectrum	Ey	-0.3	
DIS62	Linear Add	No	Linear Static	DEAD	1.2	None
DIS62			Linear Static	L	1.	
DIS62			Response Spectrum	Ex	0.3	
DIS62			Response Spectrum	Ey	1.	
DIS63	Linear Add	No	Linear Static	DEAD	1.2	None
DIS63			Linear Static	L	1.	
DIS63			Response Spectrum	Ex	-0.3	
DIS63			Response Spectrum	Ey	1.	
DIS64	Linear Add	No	Linear Static	DEAD	1.2	None
DIS64			Linear Static	L	1.	
DIS64			Response Spectrum	Ex	0.3	
DIS64			Response Spectrum	Ey	-1.	
DIS65	Linear Add	No	Linear Static	DEAD	1.2	None
DIS65			Linear Static	L	1.	
DIS65			Response Spectrum	Ex	-0.3	
DIS65			Response Spectrum	Ey	-1.	
DIS66	Linear Add	No	Linear Static	DEAD	0.9	None
DIS66			Response Spectrum	Ex	1.	
DIS66			Response Spectrum	Ey	0.3	
DIS67	Linear Add	No	Linear Static	DEAD	0.9	None
DIS67			Response Spectrum	Ex	1.	
DIS67			Response Spectrum	Ey	-0.3	
DIS68	Linear Add	No	Linear Static	DEAD	0.9	None
DIS68			Response Spectrum	Ex	-1.	
DIS68			Response Spectrum	Ey	0.3	
DIS69	Linear Add	No	Linear Static	DEAD	0.9	None
DIS69			Response Spectrum	Ex	-1.	
DIS69			Response Spectrum	Ey	-0.3	
DIS70	Linear Add	No	Linear Static	DEAD	0.9	None
DIS70			Response Spectrum	Ex	0.3	
DIS70			Response Spectrum	Ey	1.	
DIS71	Linear Add	No	Linear Static	DEAD	0.9	None
DIS71			Response Spectrum	Ex	-0.3	
DIS71			Response Spectrum	Ey	1.	
DIS72	Linear Add	No	Linear Static	DEAD	0.9	None
DIS72			Response Spectrum	Ex	0.3	
DIS72			Response Spectrum	Ey	-1.	
DIS73	Linear Add	No	Linear Static	DEAD	0.9	None
DIS73			Response Spectrum	Ex	-0.3	
DIS73			Response Spectrum	Ey	-1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS	Envelope	No	Response Combo	DIS01	1.	None
DIS			Response Combo	DIS02	1.	
DIS			Response Combo	DIS03	1.	
DIS			Response Combo	DIS04	1.	
DIS			Response Combo	DIS05	1.	
DIS			Response Combo	DIS06	1.	
DIS			Response Combo	DIS07	1.	
DIS			Response Combo	DIS08	1.	
DIS			Response Combo	DIS09	1.	
DIS			Response Combo	DIS10	1.	
DIS			Response Combo	DIS11	1.	
DIS			Response Combo	DIS12	1.	
DIS			Response Combo	DIS13	1.	
DIS			Response Combo	DIS14	1.	
DIS			Response Combo	DIS15	1.	
DIS			Response Combo	DIS16	1.	
DIS			Response Combo	DIS17	1.	
DIS			Response Combo	DIS18	1.	
DIS			Response Combo	DIS19	1.	
DIS			Response Combo	DIS20	1.	
DIS			Response Combo	DIS21	1.	
DIS			Response Combo	DIS22	1.	
DIS			Response Combo	DIS23	1.	
DIS			Response Combo	DIS24	1.	
DIS			Response Combo	DIS25	1.	
DIS			Response Combo	DIS26	1.	
DIS			Response Combo	DIS27	1.	
DIS			Response Combo	DIS28	1.	
DIS			Response Combo	DIS29	1.	
DIS			Response Combo	DIS30	1.	
DIS			Response Combo	DIS31	1.	
DIS			Response Combo	DIS32	1.	
DIS			Response Combo	DIS33	1.	
DIS			Response Combo	DIS34	1.	
DIS			Response Combo	DIS35	1.	
DIS			Response Combo	DIS36	1.	
DIS			Response Combo	DIS37	1.	
DIS			Response Combo	DIS38	1.	
DIS			Response Combo	DIS39	1.	
DIS			Response Combo	DIS40	1.	
DIS			Response Combo	DIS41	1.	
DIS			Response Combo	DIS42	1.	
DIS			Response Combo	DIS43	1.	
DIS			Response Combo	DIS44	1.	
DIS			Response Combo	DIS45	1.	
DIS			Response Combo	DIS46	1.	
DIS			Response Combo	DIS47	1.	
DIS			Response Combo	DIS48	1.	
DIS			Response Combo	DIS49	1.	
DIS			Response Combo	DIS50	1.	
DIS			Response Combo	DIS51	1.	
DIS			Response Combo	DIS52	1.	
DIS			Response Combo	DIS53	1.	
DIS			Response Combo	DIS54	1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS			Response Combo	DIS55	1.	
DIS			Response Combo	DIS56	1.	
DIS			Response Combo	DIS57	1.	
DIS			Response Combo	DIS58	1.	
DIS			Response Combo	DIS59	1.	
DIS			Response Combo	DIS60	1.	
DIS			Response Combo	DIS61	1.	
DIS			Response Combo	DIS62	1.	
DIS			Response Combo	DIS63	1.	
DIS			Response Combo	DIS64	1.	
DIS			Response Combo	DIS65	1.	
DIS			Response Combo	DIS66	1.	
DIS			Response Combo	DIS67	1.	
DIS			Response Combo	DIS68	1.	
DIS			Response Combo	DIS69	1.	
DIS			Response Combo	DIS70	1.	
DIS			Response Combo	DIS71	1.	
DIS			Response Combo	DIS72	1.	
DIS			Response Combo	DIS73	1.	
DER01	Linear Add	No	Linear Static	DEAD	1.2	None
DER01			Linear Static	L	1.	
DER01			Response Spectrum	FSx	1.	
DER01			Response Spectrum	FSy	0.3	
DER02	Linear Add	No	Linear Static	DEAD	1.2	None
DER02			Linear Static	L	1.	
DER02			Response Spectrum	FSx	1.	
DER02			Response Spectrum	FSy	-0.3	
DER03	Linear Add	No	Linear Static	DEAD	1.2	None
DER03			Linear Static	L	1.	
DER03			Response Spectrum	FSx	-1.	
DER03			Response Spectrum	FSy	0.3	
DER04	Linear Add	No	Linear Static	DEAD	1.2	None
DER04			Linear Static	L	1.	
DER04			Response Spectrum	FSx	-1.	
DER04			Response Spectrum	FSy	-0.3	
DER05	Linear Add	No	Linear Static	DEAD	1.2	None
DER05			Linear Static	L	1.	
DER05			Response Spectrum	FSx	0.3	
DER05			Response Spectrum	FSy	1.	
DER06	Linear Add	No	Linear Static	DEAD	1.2	None
DER06			Linear Static	L	1.	
DER06			Response Spectrum	FSx	-0.3	
DER06			Response Spectrum	FSy	1.	
DER07	Linear Add	No	Linear Static	DEAD	1.2	None
DER07			Linear Static	L	1.	
DER07			Response Spectrum	FSx	0.3	
DER07			Response Spectrum	FSy	-1.	
DER08	Linear Add	No	Linear Static	DEAD	1.2	None
DER08			Linear Static	L	1.	
DER08			Response Spectrum	FSx	-0.3	
DER08			Response Spectrum	FSy	-1.	
DER09	Linear Add	No	Linear Static	DEAD	0.9	None
DER09			Response Spectrum	FSx	1.	
DER09			Response Spectrum	FSy	0.3	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DER10	Linear Add	No	Linear Static	DEAD	0.9	None
DER10			Response Spectrum	FSx	1.	
DER10			Response Spectrum	FSy	-0.3	
DER11	Linear Add	No	Linear Static	DEAD	0.9	None
DER11			Response Spectrum	FSx	-1.	
DER11			Response Spectrum	FSy	0.3	
DER12	Linear Add	No	Linear Static	DEAD	0.9	None
DER12			Response Spectrum	FSx	-1.	
DER12			Response Spectrum	FSy	-0.3	
DER13	Linear Add	No	Linear Static	DEAD	0.9	None
DER13			Response Spectrum	FSx	0.3	
DER13			Response Spectrum	FSy	1.	
DER14	Linear Add	No	Linear Static	DEAD	0.9	None
DER14			Response Spectrum	FSx	-0.3	
DER14			Response Spectrum	FSy	1.	
DER15	Linear Add	No	Linear Static	DEAD	0.9	None
DER15			Response Spectrum	FSx	0.3	
DER15			Response Spectrum	FSy	-1.	
DER16	Linear Add	No	Linear Static	DEAD	0.9	None
DER16			Response Spectrum	FSx	-0.3	
DER16			Response Spectrum	FSy	-1.	
UD01	Linear Add	No	Linear Static	DEAD	1.2	None
UD01			Linear Static	L	1.	
UD01			Response Spectrum	UDx	1.	
UD01			Response Spectrum	UDy	0.3	
UD02	Linear Add	No	Linear Static	DEAD	1.2	None
UD02			Linear Static	L	1.	
UD02			Response Spectrum	UDx	1.	
UD02			Response Spectrum	UDy	-0.3	
UD03	Linear Add	No	Linear Static	DEAD	1.2	None
UD03			Linear Static	L	1.	
UD03			Response Spectrum	UDx	-1.	
UD03			Response Spectrum	UDy	0.3	
UD04	Linear Add	No	Linear Static	DEAD	1.2	None
UD04			Linear Static	L	1.	
UD04			Response Spectrum	UDx	-1.	
UD04			Response Spectrum	UDy	-0.3	
UD05	Linear Add	No	Linear Static	DEAD	1.2	None
UD05			Linear Static	L	1.	
UD05			Response Spectrum	UDx	0.3	
UD05			Response Spectrum	UDy	1.	
UD06	Linear Add	No	Linear Static	DEAD	1.2	None
UD06			Linear Static	L	1.	
UD06			Response Spectrum	UDx	-0.3	
UD06			Response Spectrum	UDy	1.	
UD07	Linear Add	No	Linear Static	DEAD	1.2	None
UD07			Linear Static	L	1.	
UD07			Response Spectrum	UDx	0.3	
UD07			Response Spectrum	UDy	-1.	
UD08	Linear Add	No	Linear Static	DEAD	1.2	None
UD08			Linear Static	L	1.	
UD08			Response Spectrum	UDx	-0.3	
UD08			Response Spectrum	UDy	-1.	
UD09	Linear Add	No	Linear Static	DEAD	0.9	None

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
UD09			Response Spectrum	UDx	1.	
UD09			Response Spectrum	UDy	0.3	
UD10	Linear Add	No	Linear Static	DEAD	0.9	None
UD10			Response Spectrum	UDx	1.	
UD10			Response Spectrum	UDy	-0.3	
UD11	Linear Add	No	Linear Static	DEAD	0.9	None
UD11			Response Spectrum	UDx	-1.	
UD11			Response Spectrum	UDy	0.3	
UD12	Linear Add	No	Linear Static	DEAD	0.9	None
UD12			Response Spectrum	UDx	-1.	
UD12			Response Spectrum	UDy	-0.3	
UD13	Linear Add	No	Linear Static	DEAD	0.9	None
UD13			Response Spectrum	UDx	0.3	
UD13			Response Spectrum	UDy	1.	
UD14	Linear Add	No	Linear Static	DEAD	0.9	None
UD14			Response Spectrum	UDx	-0.3	
UD14			Response Spectrum	UDy	1.	
UD15	Linear Add	No	Linear Static	DEAD	0.9	None
UD15			Response Spectrum	UDx	0.3	
UD15			Response Spectrum	UDy	-1.	
UD16	Linear Add	No	Linear Static	DEAD	0.9	None
UD16			Response Spectrum	UDx	-0.3	
UD16			Response Spectrum	UDy	-1.	

Table: Combination Definitions, Part 2 of 3

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS01	DEAD	None	None	None
DIS01	CFx D			
DIS02	DEAD	None	None	None
DIS02	CFx D			
DIS03	DEAD	None	None	None
DIS03	CFy D			
DIS04	DEAD	None	None	None
DIS04	CFy D			
DIS05	DEAD	None	None	None
DIS05	L			
DIS05	Lr			
DIS05	CFx D			
DIS05	CFx L			
DIS05	CFx Lr			
DIS06	DEAD	None	None	None
DIS06	L			
DIS06	Lr			
DIS06	CFx D			
DIS06	CFx L			
DIS06	CFx Lr			
DIS07	DEAD	None	None	None
DIS07	L			
DIS07	Lr			
DIS07	CFy D			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS07	CFy L			
DIS07	CFy Lr			
DIS08	DEAD	None	None	None
DIS08	L			
DIS08	Lr			
DIS08	CFy D			
DIS08	CFy L			
DIS08	CFy Lr			
DIS09	DEAD	None	None	None
DIS09	L			
DIS09	G			
DIS09	CFx D			
DIS09	CFx L			
DIS10	DEAD	None	None	None
DIS10	L			
DIS10	G			
DIS10	CFx D			
DIS10	CFx L			
DIS11	DEAD	None	None	None
DIS11	L			
DIS11	G			
DIS11	CFy D			
DIS11	CFy L			
DIS12	DEAD	None	None	None
DIS12	L			
DIS12	G			
DIS12	CFy D			
DIS12	CFy L			
DIS13	DEAD	None	None	None
DIS13	L			
DIS13	Le			
DIS13	CFx D			
DIS13	CFx L			
DIS14	DEAD	None	None	None
DIS14	L			
DIS14	Le			
DIS14	CFx D			
DIS14	CFx L			
DIS15	DEAD	None	None	None
DIS15	L			
DIS15	Le			
DIS15	CFy D			
DIS15	CFy L			
DIS16	DEAD	None	None	None
DIS16	L			
DIS16	Le			
DIS16	CFy D			
DIS16	CFy L			
DIS17	DEAD	None	None	None
DIS17	L			
DIS17	Lr			
DIS17	CFx D			
DIS17	CFx L			
DIS17	CFx Lr			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS18	DEAD	None	None	None
DIS18	L			
DIS18	Lr			
DIS18	CFx D			
DIS18	CFx L			
DIS18	CFx Lr			
DIS19	DEAD	None	None	None
DIS19	L			
DIS19	Lr			
DIS19	CFy D			
DIS19	CFy L			
DIS19	CFy Lr			
DIS20	DEAD	None	None	None
DIS20	L			
DIS20	Lr			
DIS20	CFy D			
DIS20	CFy L			
DIS20	CFy Lr			
DIS21	DEAD	None	None	None
DIS21	L			
DIS21	G			
DIS21	CFx D			
DIS21	CFx L			
DIS22	DEAD	None	None	None
DIS22	L			
DIS22	G			
DIS22	CFx D			
DIS22	CFx L			
DIS23	DEAD	None	None	None
DIS23	L			
DIS23	G			
DIS23	CFy D			
DIS23	CFy L			
DIS24	DEAD	None	None	None
DIS24	L			
DIS24	G			
DIS24	CFy D			
DIS24	CFy L			
DIS25	DEAD	None	None	None
DIS25	L			
DIS25	Le			
DIS25	CFx D			
DIS25	CFx L			
DIS26	DEAD	None	None	None
DIS26	L			
DIS26	Le			
DIS26	CFx D			
DIS26	CFx L			
DIS27	DEAD	None	None	None
DIS27	L			
DIS27	Le			
DIS27	CFy D			
DIS27	CFy L			
DIS28	DEAD	None	None	None

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS28	L			
DIS28	Le			
DIS28	CFy D			
DIS28	CFy L			
DIS29	DEAD	None	None	None
DIS29	Lr			
DIS29	Wx			
DIS30	DEAD	None	None	None
DIS30	Lr			
DIS30	Wy			
DIS31	DEAD	None	None	None
DIS31	Lr			
DIS31	Wx			
DIS31	Wy			
DIS32	DEAD	None	None	None
DIS32	G			
DIS32	Wx			
DIS33	DEAD	None	None	None
DIS33	G			
DIS33	Wy			
DIS34	DEAD	None	None	None
DIS34	G			
DIS34	Wx			
DIS34	Wy			
DIS35	DEAD	None	None	None
DIS35	Le			
DIS35	Wx			
DIS36	DEAD	None	None	None
DIS36	Le			
DIS36	Wy			
DIS37	DEAD	None	None	None
DIS37	Le			
DIS37	Wx			
DIS37	Wy			
DIS38	DEAD	None	None	None
DIS38	L			
DIS38	Lr			
DIS38	Wx			
DIS39	DEAD	None	None	None
DIS39	L			
DIS39	Lr			
DIS39	Wy			
DIS40	DEAD	None	None	None
DIS40	L			
DIS40	Lr			
DIS40	Wy			
DIS40	Wx			
DIS41	DEAD	None	None	None
DIS41	L			
DIS41	G			
DIS41	Wx			
DIS42	DEAD	None	None	None
DIS42	L			
DIS42	G			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS42	Wy			
DIS43	DEAD	None	None	None
DIS43	L			
DIS43	G			
DIS43	Wx			
DIS43	Wy			
DIS44	DEAD	None	None	None
DIS44	L			
DIS44	Le			
DIS44	Wx			
DIS45	DEAD	None	None	None
DIS45	L			
DIS45	Le			
DIS45	Wy			
DIS46	DEAD	None	None	None
DIS46	L			
DIS46	Le			
DIS46	Wx			
DIS46	Wy			
DIS47	DEAD	None	None	None
DIS47	L			
DIS47	CFx D			
DIS47	CFx L			
DIS48	DEAD	None	None	None
DIS48	L			
DIS48	CFx D			
DIS48	CFx L			
DIS49	DEAD	None	None	None
DIS49	L			
DIS49	CFy D			
DIS49	CFy L			
DIS50	DEAD	None	None	None
DIS50	L			
DIS50	CFy D			
DIS50	CFy L			
DIS51	DEAD	None	None	None
DIS51	Wx			
DIS52	DEAD	None	None	None
DIS52	Wy			
DIS53	DEAD	None	None	None
DIS53	Wx			
DIS53	Wy			
DIS54	DEAD	None	None	None
DIS54	CFx D			
DIS55	DEAD	None	None	None
DIS55	CFx D			
DIS56	DEAD	None	None	None
DIS56	CFy D			
DIS57	DEAD	None	None	None
DIS57	CFy D			
DIS58	DEAD	None	None	None
DIS58	L			
DIS58	Ex			
DIS58	Ey			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS59	DEAD	None	None	None
DIS59	L			
DIS59	Ex			
DIS59	Ey			
DIS60	DEAD	None	None	None
DIS60	L			
DIS60	Ex			
DIS60	Ey			
DIS61	DEAD	None	None	None
DIS61	L			
DIS61	Ex			
DIS61	Ey			
DIS62	DEAD	None	None	None
DIS62	L			
DIS62	Ex			
DIS62	Ey			
DIS63	DEAD	None	None	None
DIS63	L			
DIS63	Ex			
DIS63	Ey			
DIS64	DEAD	None	None	None
DIS64	L			
DIS64	Ex			
DIS64	Ey			
DIS65	DEAD	None	None	None
DIS65	L			
DIS65	Ex			
DIS65	Ey			
DIS66	DEAD	None	None	None
DIS66	Ex			
DIS66	Ey			
DIS67	DEAD	None	None	None
DIS67	Ex			
DIS67	Ey			
DIS68	DEAD	None	None	None
DIS68	Ex			
DIS68	Ey			
DIS69	DEAD	None	None	None
DIS69	Ex			
DIS69	Ey			
DIS70	DEAD	None	None	None
DIS70	Ex			
DIS70	Ey			
DIS71	DEAD	None	None	None
DIS71	Ex			
DIS71	Ey			
DIS72	DEAD	None	None	None
DIS72	Ex			
DIS72	Ey			
DIS73	DEAD	None	None	None
DIS73	Ex			
DIS73	Ey			
DIS	DIS01	None	None	None
DIS	DIS02			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS	DIS03			
DIS	DIS04			
DIS	DIS05			
DIS	DIS06			
DIS	DIS07			
DIS	DIS08			
DIS	DIS09			
DIS	DIS10			
DIS	DIS11			
DIS	DIS12			
DIS	DIS13			
DIS	DIS14			
DIS	DIS15			
DIS	DIS16			
DIS	DIS17			
DIS	DIS18			
DIS	DIS19			
DIS	DIS20			
DIS	DIS21			
DIS	DIS22			
DIS	DIS23			
DIS	DIS24			
DIS	DIS25			
DIS	DIS26			
DIS	DIS27			
DIS	DIS28			
DIS	DIS29			
DIS	DIS30			
DIS	DIS31			
DIS	DIS32			
DIS	DIS33			
DIS	DIS34			
DIS	DIS35			
DIS	DIS36			
DIS	DIS37			
DIS	DIS38			
DIS	DIS39			
DIS	DIS40			
DIS	DIS41			
DIS	DIS42			
DIS	DIS43			
DIS	DIS44			
DIS	DIS45			
DIS	DIS46			
DIS	DIS47			
DIS	DIS48			
DIS	DIS49			
DIS	DIS50			
DIS	DIS51			
DIS	DIS52			
DIS	DIS53			
DIS	DIS54			
DIS	DIS55			
DIS	DIS56			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS	DIS57			
DIS	DIS58			
DIS	DIS59			
DIS	DIS60			
DIS	DIS61			
DIS	DIS62			
DIS	DIS63			
DIS	DIS64			
DIS	DIS65			
DIS	DIS66			
DIS	DIS67			
DIS	DIS68			
DIS	DIS69			
DIS	DIS70			
DIS	DIS71			
DIS	DIS72			
DIS	DIS73			
DER01	DEAD	None	None	None
DER01	L			
DER01	FSx			
DER01	FSy			
DER02	DEAD	None	None	None
DER02	L			
DER02	FSx			
DER02	FSy			
DER03	DEAD	None	None	None
DER03	L			
DER03	FSx			
DER03	FSy			
DER04	DEAD	None	None	None
DER04	L			
DER04	FSx			
DER04	FSy			
DER05	DEAD	None	None	None
DER05	L			
DER05	FSx			
DER05	FSy			
DER06	DEAD	None	None	None
DER06	L			
DER06	FSx			
DER06	FSy			
DER07	DEAD	None	None	None
DER07	L			
DER07	FSx			
DER07	FSy			
DER08	DEAD	None	None	None
DER08	L			
DER08	FSx			
DER08	FSy			
DER09	DEAD	None	None	None
DER09	FSx			
DER09	FSy			
DER10	DEAD	None	None	None
DER10	FSx			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DER10	FSy			
DER11	DEAD	None	None	None
DER11	FSx			
DER11	FSy			
DER12	DEAD	None	None	None
DER12	FSx			
DER12	FSy			
DER13	DEAD	None	None	None
DER13	FSx			
DER13	FSy			
DER14	DEAD	None	None	None
DER14	FSx			
DER14	FSy			
DER15	DEAD	None	None	None
DER15	FSx			
DER15	FSy			
DER16	DEAD	None	None	None
DER16	FSx			
DER16	FSy			
UD01	DEAD	None	None	None
UD01	L			
UD01	UDx			
UD01	UDy			
UD02	DEAD	None	None	None
UD02	L			
UD02	UDx			
UD02	UDy			
UD03	DEAD	None	None	None
UD03	L			
UD03	UDx			
UD03	UDy			
UD04	DEAD	None	None	None
UD04	L			
UD04	UDx			
UD04	UDy			
UD05	DEAD	None	None	None
UD05	L			
UD05	UDx			
UD05	UDy			
UD06	DEAD	None	None	None
UD06	L			
UD06	UDx			
UD06	UDy			
UD07	DEAD	None	None	None
UD07	L			
UD07	UDx			
UD07	UDy			
UD08	DEAD	None	None	None
UD08	L			
UD08	UDx			
UD08	UDy			
UD09	DEAD	None	None	None
UD09	UDx			
UD09	UDy			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
UD10	DEAD	None	None	None
UD10	UDx			
UD10	UDy			
UD11	DEAD	None	None	None
UD11	UDx			
UD11	UDy			
UD12	DEAD	None	None	None
UD12	UDx			
UD12	UDy			
UD13	DEAD	None	None	None
UD13	UDx			
UD13	UDy			
UD14	DEAD	None	None	None
UD14	UDx			
UD14	UDy			
UD15	DEAD	None	None	None
UD15	UDx			
UD15	UDy			
UD16	DEAD	None	None	None
UD16	UDx			
UD16	UDy			

Table: Combination Definitions, Part 3 of 3

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS01	DEAD	963cf965-0122-4e1c-8499-fff4e27456fd	
DIS01	CFx D		
DIS02	DEAD	963cf965-0122-4e1c-8499-fff4e27456fd	
DIS02	CFx D		
DIS03	DEAD	0dea5de0-d32f-4286-8ddd-1e2e36bd021f	
DIS03	CFy D		
DIS04	DEAD	0dea5de0-d32f-4286-8ddd-1e2e36bd021f	
DIS04	CFy D		
DIS05	DEAD	1af0ffb2-0d0e-4ba1-addb-f73befc11cfa	
DIS05	L		
DIS05	Lr		
DIS05	CFx D		
DIS05	CFx L		
DIS05	CFx Lr		
DIS06	DEAD	1af0ffb2-0d0e-4ba1-addb-f73befc11cfa	
DIS06	L		
DIS06	Lr		
DIS06	CFx D		
DIS06	CFx L		
DIS06	CFx Lr		
DIS07	DEAD	5714e29f-acea-4711-a177-288360956308	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS07	L		
DIS07	Lr		
DIS07	CFy D		
DIS07	CFy L		
DIS07	CFy Lr		
DIS08	DEAD	5714e29f-acea-4711-a177-288360956308	
DIS08	L		
DIS08	Lr		
DIS08	CFy D		
DIS08	CFy L		
DIS08	CFy Lr		
DIS09	DEAD	0812ae6d-5a62-4d0d-831a-ee3dd67ecdfa	
DIS09	L		
DIS09	G		
DIS09	CFx D		
DIS09	CFx L		
DIS10	DEAD	0812ae6d-5a62-4d0d-831a-ee3dd67ecdfa	
DIS10	L		
DIS10	G		
DIS10	CFx D		
DIS10	CFx L		
DIS11	DEAD	7640f5c5-f803-456b-b1fd-981a500e94ea	
DIS11	L		
DIS11	G		
DIS11	CFy D		
DIS11	CFy L		
DIS12	DEAD	7640f5c5-f803-456b-b1fd-981a500e94ea	
DIS12	L		
DIS12	G		
DIS12	CFy D		
DIS12	CFy L		
DIS13	DEAD	b6c14305-aae9-46eb-accc-6a9c017ab16c	
DIS13	L		
DIS13	Le		
DIS13	CFx D		
DIS13	CFx L		
DIS14	DEAD	b6c14305-aae9-46eb-accc-6a9c017ab16c	
DIS14	L		
DIS14	Le		
DIS14	CFx D		
DIS14	CFx L		
DIS15	DEAD	fd0e0894-683e-4747-a746-56cfae13ca5c	
DIS15	L		
DIS15	Le		
DIS15	CFy D		
DIS15	CFy L		
DIS16	DEAD	fd0e0894-683e-4747-a746-56cfae13ca5c	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS16	L		
DIS16	Le		
DIS16	CFy D		
DIS16	CFy L		
DIS17	DEAD	767b381d-1b1a-4846-ad96-27abcc2f945c	
DIS17	L		
DIS17	Lr		
DIS17	CFx D		
DIS17	CFx L		
DIS17	CFx Lr		
DIS18	DEAD	767b381d-1b1a-4846-ad96-27abcc2f945c	
DIS18	L		
DIS18	Lr		
DIS18	CFx D		
DIS18	CFx L		
DIS18	CFx Lr		
DIS19	DEAD	f21f3a18-c2fa-4e44-b744-936280ed31b4	
DIS19	L		
DIS19	Lr		
DIS19	CFy D		
DIS19	CFy L		
DIS19	CFy Lr		
DIS20	DEAD	f21f3a18-c2fa-4e44-b744-936280ed31b4	
DIS20	L		
DIS20	Lr		
DIS20	CFy D		
DIS20	CFy L		
DIS20	CFy Lr		
DIS21	DEAD	3a32ecec-711e-4ab0-b895-05321a4c41e0	
DIS21	L		
DIS21	G		
DIS21	CFx D		
DIS21	CFx L		
DIS22	DEAD	3a32ecec-711e-4ab0-b895-05321a4c41e0	
DIS22	L		
DIS22	G		
DIS22	CFx D		
DIS22	CFx L		
DIS23	DEAD	e65ca91f-3689-4a59-93e5-d098bf688ea0	
DIS23	L		
DIS23	G		
DIS23	CFy D		
DIS23	CFy L		
DIS24	DEAD	e65ca91f-3689-4a59-93e5-d098bf688ea0	
DIS24	L		
DIS24	G		
DIS24	CFy D		
DIS24	CFy L		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS25	DEAD	4137a3e0-b94c-42c1-867e-b1b4c80d78c6	
DIS25	L		
DIS25	Le		
DIS25	CFx D		
DIS25	CFx L		
DIS26	DEAD	4137a3e0-b94c-42c1-867e-b1b4c80d78c6	
DIS26	L		
DIS26	Le		
DIS26	CFx D		
DIS26	CFx L		
DIS27	DEAD	83471a18-ed9d-439b-ba34-1fb2b6860ae6	
DIS27	L		
DIS27	Le		
DIS27	CFy D		
DIS27	CFy L		
DIS28	DEAD	83471a18-ed9d-439b-ba34-1fb2b6860ae6	
DIS28	L		
DIS28	Le		
DIS28	CFy D		
DIS28	CFy L		
DIS29	DEAD	13873165-150b-4fad-b25d-993e1ad3a26e	
DIS29	Lr		
DIS29	Wx		
DIS30	DEAD	13873165-150b-4fad-b25d-993e1ad3a26e	
DIS30	Lr		
DIS30	Wy		
DIS31	DEAD	0f40fd68-2f4d-465f-a838-c949c06a661c	
DIS31	Lr		
DIS31	Wx		
DIS31	Wy		
DIS32	DEAD	0f40fd68-2f4d-465f-a838-c949c06a661c	
DIS32	G		
DIS32	Wx		
DIS33	DEAD	f1e4c026-a869-42b6-9559-e2f6e64692c5	
DIS33	G		
DIS33	Wy		
DIS34	DEAD	f1e4c026-a869-42b6-9559-e2f6e64692c5	
DIS34	G		
DIS34	Wx		
DIS34	Wy		
DIS35	DEAD	f8bf445b-dce7-4ffe-93e3-95658ea61030	
DIS35	Le		
DIS35	Wx		
DIS36	DEAD	f8bf445b-dce7-4ffe-93e3-95658ea61030	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS36	Le		
DIS36	Wy		
DIS37	DEAD	f6fbde1a-6701-4e37-90d d-829d26c0075a	
DIS37	Le		
DIS37	Wx		
DIS37	Wy		
DIS38	DEAD	f6fbde1a-6701-4e37-90d d-829d26c0075a	
DIS38	L		
DIS38	Lr		
DIS38	Wx		
DIS39	DEAD	0b1523da-9745-4db2-87 67-5feb53a7bcfd	
DIS39	L		
DIS39	Lr		
DIS39	Wy		
DIS40	DEAD	0b1523da-9745-4db2-87 67-5feb53a7bcfd	
DIS40	L		
DIS40	Lr		
DIS40	Wy		
DIS40	Wx		
DIS41	DEAD	dd5cf0f9-354f-4d4d-a60c -b574b64014f1	
DIS41	L		
DIS41	G		
DIS41	Wx		
DIS42	DEAD	dd5cf0f9-354f-4d4d-a60c -b574b64014f1	
DIS42	L		
DIS42	G		
DIS42	Wy		
DIS43	DEAD	ffd567b4-62c5-4d81-a01 1-360a263fe126	
DIS43	L		
DIS43	G		
DIS43	Wx		
DIS43	Wy		
DIS44	DEAD	ffd567b4-62c5-4d81-a01 1-360a263fe126	
DIS44	L		
DIS44	Le		
DIS44	Wx		
DIS45	DEAD	ff70e70f-55c7-42b1-9d00 -711b6d33f174	
DIS45	L		
DIS45	Le		
DIS45	Wy		
DIS46	DEAD	ff70e70f-55c7-42b1-9d00 -711b6d33f174	
DIS46	L		
DIS46	Le		
DIS46	Wx		
DIS46	Wy		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS47	DEAD	c20b240e-83ee-4907-9eec-2577c33962a2	
DIS47	L		
DIS47	CFx D		
DIS47	CFx L		
DIS48	DEAD	c20b240e-83ee-4907-9eec-2577c33962a2	
DIS48	L		
DIS48	CFx D		
DIS48	CFx L		
DIS49	DEAD	c0332422-f575-4f08-826e-68a4f6087821	
DIS49	L		
DIS49	CFy D		
DIS49	CFy L		
DIS50	DEAD	c0332422-f575-4f08-826e-68a4f6087821	
DIS50	L		
DIS50	CFy D		
DIS50	CFy L		
DIS51	DEAD	7a87ced8-9251-4abe-9f7f-fe510bf2792d	
DIS51	Wx		
DIS52	DEAD	7a87ced8-9251-4abe-9f7f-fe510bf2792d	
DIS52	Wy		
DIS53	DEAD	fcd21ee5-fe6c-43d6-94f7-f3f58866f6b9	
DIS53	Wx		
DIS53	Wy		
DIS54	DEAD	fcd21ee5-fe6c-43d6-94f7-f3f58866f6b9	
DIS54	CFx D		
DIS55	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS55	CFx D		
DIS56	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS56	CFy D		
DIS57	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS57	CFy D		
DIS58	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS58	L		
DIS58	Ex		
DIS58	Ey		
DIS59	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS59	L		
DIS59	Ex		
DIS59	Ey		
DIS60	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS60	L		
DIS60	Ex		
DIS60	Ey		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS61	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS61	L		
DIS61	Ex		
DIS61	Ey		
DIS62	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS62	L		
DIS62	Ex		
DIS62	Ey		
DIS63	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS63	L		
DIS63	Ex		
DIS63	Ey		
DIS64	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS64	L		
DIS64	Ex		
DIS64	Ey		
DIS65	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS65	L		
DIS65	Ex		
DIS65	Ey		
DIS66	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS66	Ex		
DIS66	Ey		
DIS67	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS67	Ex		
DIS67	Ey		
DIS68	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS68	Ex		
DIS68	Ey		
DIS69	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS69	Ex		
DIS69	Ey		
DIS70	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS70	Ex		
DIS70	Ey		
DIS71	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS71	Ex		
DIS71	Ey		
DIS72	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS72	Ex		
DIS72	Ey		
DIS73	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS73	Ex		
DIS73	Ey		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS	DIS01	b4caf2f7-73eb-4441-8891-012abc353623	
DIS	DIS02		
DIS	DIS03		
DIS	DIS04		
DIS	DIS05		
DIS	DIS06		
DIS	DIS07		
DIS	DIS08		
DIS	DIS09		
DIS	DIS10		
DIS	DIS11		
DIS	DIS12		
DIS	DIS13		
DIS	DIS14		
DIS	DIS15		
DIS	DIS16		
DIS	DIS17		
DIS	DIS18		
DIS	DIS19		
DIS	DIS20		
DIS	DIS21		
DIS	DIS22		
DIS	DIS23		
DIS	DIS24		
DIS	DIS25		
DIS	DIS26		
DIS	DIS27		
DIS	DIS28		
DIS	DIS29		
DIS	DIS30		
DIS	DIS31		
DIS	DIS32		
DIS	DIS33		
DIS	DIS34		
DIS	DIS35		
DIS	DIS36		
DIS	DIS37		
DIS	DIS38		
DIS	DIS39		
DIS	DIS40		
DIS	DIS41		
DIS	DIS42		
DIS	DIS43		
DIS	DIS44		
DIS	DIS45		
DIS	DIS46		
DIS	DIS47		
DIS	DIS48		
DIS	DIS49		
DIS	DIS50		
DIS	DIS51		
DIS	DIS52		
DIS	DIS53		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS	DIS54		
DIS	DIS55		
DIS	DIS56		
DIS	DIS57		
DIS	DIS58		
DIS	DIS59		
DIS	DIS60		
DIS	DIS61		
DIS	DIS62		
DIS	DIS63		
DIS	DIS64		
DIS	DIS65		
DIS	DIS66		
DIS	DIS67		
DIS	DIS68		
DIS	DIS69		
DIS	DIS70		
DIS	DIS71		
DIS	DIS72		
DIS	DIS73		
DER01	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER01	L		
DER01	FSx		
DER01	FSy		
DER02	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER02	L		
DER02	FSx		
DER02	FSy		
DER03	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER03	L		
DER03	FSx		
DER03	FSy		
DER04	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER04	L		
DER04	FSx		
DER04	FSy		
DER05	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER05	L		
DER05	FSx		
DER05	FSy		
DER06	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER06	L		
DER06	FSx		
DER06	FSy		
DER07	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER07	L		
DER07	FSx		
DER07	FSy		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DER08	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER08	L		
DER08	FSx		
DER08	FSy		
DER09	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER09	FSx		
DER09	FSy		
DER10	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER10	FSx		
DER10	FSy		
DER11	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER11	FSx		
DER11	FSy		
DER12	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER12	FSx		
DER12	FSy		
DER13	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER13	FSx		
DER13	FSy		
DER14	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER14	FSx		
DER14	FSy		
DER15	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER15	FSx		
DER15	FSy		
DER16	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER16	FSx		
DER16	FSy		
UD01	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD01	L		
UD01	UDx		
UD01	UDy		
UD02	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD02	L		
UD02	UDx		
UD02	UDy		
UD03	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD03	L		
UD03	UDx		
UD03	UDy		
UD04	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD04	L		
UD04	UDx		
UD04	UDy		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
UD05	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD05	L		
UD05	UDx		
UD05	UDy		
UD06	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD06	L		
UD06	UDx		
UD06	UDy		
UD07	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD07	L		
UD07	UDx		
UD07	UDy		
UD08	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD08	L		
UD08	UDx		
UD08	UDy		
UD09	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD09	UDx		
UD09	UDy		
UD10	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD10	UDx		
UD10	UDy		
UD11	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD11	UDx		
UD11	UDy		
UD12	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD12	UDx		
UD12	UDy		
UD13	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD13	UDx		
UD13	UDy		
UD14	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD14	UDx		
UD14	UDy		
UD15	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD15	UDx		
UD15	UDy		
UD16	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD16	UDx		
UD16	UDy		

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
2F6	1	16	No	0.57035	0.3	0.27676	-0.003
2F7	1	18	No	0.57035	0.58	0.27676	-0.003
2F8	2	18	No	0.57035	0.86	0.27676	-0.003
2F9	2	20	No	0.57035	1.14	0.27676	-0.003
2FA	3	20	No	0.57035	1.42	0.27676	-0.003
2FB	3	22	No	0.57035	1.7	0.27676	-0.003
2FC	4	22	No	0.57035	1.98	0.27676	-0.003
2FD	4	24	No	0.57035	2.26	0.27676	-0.003
2FE	5	24	No	0.57035	2.54	0.27676	-0.003
2FF	5	26	No	0.57035	2.82	0.27676	-0.003
300	6	26	No	0.57035	3.1	0.27676	-0.003
301	6	28	No	0.57035	3.38	0.27676	-0.003
302	7	28	No	0.57035	3.66	0.27676	-0.003
303	7	30	No	0.57035	3.94	0.27676	-0.003
304	8	30	No	0.57035	4.22	0.27676	-0.003
305	8	32	No	0.57035	4.5	0.27676	-0.003
30B	9	32	No	0.57035	4.78	0.27676	-0.003
30C	9	34	No	0.57035	5.06	0.27676	-0.003
30D	10	34	No	0.57035	5.34	0.27676	-0.003
30E	10	36	No	0.57035	5.62	0.27676	-0.003
30F	11	36	No	0.57035	5.9	0.27676	-0.003
310	11	38	No	0.57035	6.18	0.27676	-0.003
311	12	38	No	0.57035	6.46	0.27676	-0.003
312	12	40	No	0.57035	6.74	0.27676	-0.003
320	11	12	No	0.56	6.32	0.25	-0.25
321	10	11	No	0.56	5.76	0.25	-0.25
322	9	10	No	0.56	5.2	0.25	-0.25
323	8	9	No	0.56	4.64	0.25	-0.25
324	7	8	No	0.56	4.08	0.25	-0.25
325	6	7	No	0.56	3.52	0.25	-0.25
326	5	6	No	0.56	2.96	0.25	-0.25
327	4	5	No	0.56	2.4	0.25	-0.25
328	3	4	No	0.56	1.84	0.25	-0.25
329	2	3	No	0.56	1.28	0.25	-0.25
32A	1	2	No	0.56	0.72	0.25	-0.25
34F	16	18	No	0.56	0.44	0.30353	0.244
350	18	20	No	0.56	1.	0.30353	0.244
351	20	22	No	0.56	1.56	0.30353	0.244
352	22	24	No	0.56	2.12	0.30353	0.244
353	24	26	No	0.56	2.68	0.30353	0.244
354	26	28	No	0.56	3.24	0.30353	0.244
355	28	30	No	0.56	3.8	0.30353	0.244
356	30	32	No	0.56	4.36	0.30353	0.244
357	32	34	No	0.56	4.92	0.30353	0.244
358	34	36	No	0.56	5.48	0.30353	0.244
359	36	38	No	0.56	6.04	0.30353	0.244
35A	38	40	No	0.56	6.6	0.30353	0.244
35B	40	42	No	0.16	6.96	0.30353	0.244
35C	14	16	No	0.16	0.08	0.30353	0.244
35D	15	17	No	0.56	0.44	0.19661	0.244
35E	17	19	No	0.56	1.	0.19661	0.244
35F	19	21	No	0.56	1.56	0.19661	0.244
360	21	23	No	0.56	2.12	0.19661	0.244

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
361	23	25	No	0.56	2.68	0.19661	0.244
362	25	27	No	0.56	3.24	0.19661	0.244
363	27	29	No	0.56	3.8	0.19661	0.244
364	29	31	No	0.56	4.36	0.19661	0.244
365	31	33	No	0.56	4.92	0.19661	0.244
366	33	35	No	0.56	5.48	0.19661	0.244
367	35	37	No	0.56	6.04	0.19661	0.244
368	37	39	No	0.56	6.6	0.19661	0.244
369	39	41	No	0.16	6.96	0.19661	0.244
36A	13	15	No	0.16	0.08	0.19661	0.244
3D9	1	15	No	0.57034	0.3	0.2233	-0.003
3DA	1	17	No	0.57034	0.58	0.2233	-0.003
3DB	2	17	No	0.57034	0.86	0.2233	-0.003
3DC	2	19	No	0.57034	1.14	0.2233	-0.003
3DD	3	19	No	0.57034	1.42	0.2233	-0.003
3DE	3	21	No	0.57034	1.7	0.2233	-0.003
3DF	4	21	No	0.57034	1.98	0.2233	-0.003
3E0	4	23	No	0.57034	2.26	0.2233	-0.003
3E1	5	23	No	0.57034	2.54	0.2233	-0.003
3E2	5	25	No	0.57034	2.82	0.2233	-0.003
3E3	6	25	No	0.57034	3.1	0.2233	-0.003
3E4	6	27	No	0.57034	3.38	0.2233	-0.003
3E5	7	27	No	0.57034	3.66	0.2233	-0.003
3E6	7	29	No	0.57034	3.94	0.2233	-0.003
3E7	8	29	No	0.57034	4.22	0.2233	-0.003
3E8	8	31	No	0.57034	4.5	0.2233	-0.003
3E9	9	31	No	0.57034	4.78	0.2233	-0.003
3EA	9	33	No	0.57034	5.06	0.2233	-0.003
3EB	10	33	No	0.57034	5.34	0.2233	-0.003
3EC	10	35	No	0.57034	5.62	0.2233	-0.003
3ED	11	35	No	0.57034	5.9	0.2233	-0.003
3EE	11	37	No	0.57034	6.18	0.2233	-0.003
3EF	12	37	No	0.57034	6.46	0.2233	-0.003
3F0	23	24	No	0.10692	2.4	0.25007	0.244
3F1	25	26	No	0.10692	2.96	0.25007	0.244
3F2	27	28	No	0.10692	3.52	0.25007	0.244
3F3	29	30	No	0.10692	4.08	0.25007	0.244
3F4	31	32	No	0.10692	4.64	0.25007	0.244
3F5	33	34	No	0.10692	5.2	0.25007	0.244
3F6	35	36	No	0.10692	5.76	0.25007	0.244
3F7	37	38	No	0.10692	6.32	0.25007	0.244
3F8	12	39	No	0.57034	6.74	0.2233	-0.003
3F9	15	16	No	0.10692	0.16	0.25007	0.244
3FA	17	18	No	0.10692	0.72	0.25007	0.244
3FB	19	20	No	0.10692	1.28	0.25007	0.244
3FC	21	22	No	0.10692	1.84	0.25007	0.244

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
2F6	609e9c75-1434-4eb5-bd74-9594186f1c7e

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
2F7	d940fa55-fe81-4443-a379-77856b7e6584
2F8	24bb6137-9d92-478b-b496-749c413bc85a
2F9	20d7f6e1-127f-4190-8fa2-2d6579e565e3
2FA	c7f21594-0e2a-4db3-9c24-18d569b0785b
2FB	46c6cbdf-8afd-419f-b100-79119689fd2c
2FC	76746fb0-7ce5-4e05-b6b9-534bfed88f11
2FD	e3735f5c-73ba-4d4e-b608-39fce0877dc5
2FE	99c9c0f6-f573-473c-b96d-16a318f8ab29
2FF	a0e0ef57-d597-4abb-9a9b-c03ee3c1cd35
300	ca43cc6b-3c33-418c-8679-391cc7615387
301	5202b540-dffc-40da-9d2b-f149bbefda53
302	91b4d322-8585-4166-88d2-77bfb60009f7
303	74cb0e2f-2cee-4a02-a5cb-7981ae973681
304	5168114b-0697-46e1-b0a9-bddb07ea2716
305	9b218102-db3c-4343-9613-fdf8d9cb6a48
30B	18742106-31cd-4460-975f-4eb91da0e899
30C	af8fa6fa-9e9d-4986-ba3e-88c27032ef83
30D	06f5cbfe-42e1-459f-afb5-16ebba9f0a06
30E	878e3608-7038-4ee4-92e4-967731741212
30F	ba1868ca-0c4b-4fad-b3df-6ef85e018f79
310	d8cfca79-5a17-4904-be24-5747b6679928
311	238bf0a2-4a8d-474c-a475-172875fd7fd8
312	e0fc29c7-859c-40b8-b11a-53e672bc3145
320	71090ae3-b270-4a25-9002-51e9a982a8d9
321	ad6a9871-d80b-46f4-b3c9-1f9833507e0c
322	01239d6b-df69-49d6-bffe-65248c361b1a
323	4d4ee8ee-fd41-446b-b2a1-49765c08d3e4
324	d9a83353-077f-4f6c-9b0b-47c0c2ff3390
325	97cca768-db83-4da3-8323-f997f7ee9726
326	d6c77fd9-8226-4c1d-8df2-8451039283b1

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
327	78ae8609-d9be-4c5b-b193-bdda31457ed9
328	e26f7b95-2b7b-499b-b8da-40c14119c1ca
329	2ec72851-1f68-4ba9-9055-ea38199ca4f3
32A	76507692-ad7d-4147-9573-4f4ca691e82c
34F	85c16b6c-c73b-45ef-9256-f1c2dda12e77
350	950342e1-5da5-48fb-ab6d-8856ddc53b14
351	de46b2c4-f53a-425a-9f78-657670aaf05f
352	6e860f98-7870-4cf1-8fcb-a4f879df0ada
353	41256c16-f286-4e39-93c9-9b7d3304c6ff
354	1e85c384-cb25-4c68-a3f9-b5db4fb3afe9
355	b686fa9b-d512-495e-bb1d-e24b15e5b43e
356	298e6c38-5612-4494-bc09-4d800174f9f5
357	7fa9a5bd-0431-4856-abf4-134338c72e2f
358	02f9f5ef-180b-4d4a-9835-709f711cac8c
359	8b80d307-48aa-4d2d-a865-7670d99db0d8
35A	b41f7ea0-2c28-4ffa-87de-1e650be37c64
35B	cf36988b-7c95-4b57-903b-4260404f7992
35C	8c4ab2b1-4f48-4f33-9492-ffe0b3ec77f9
35D	6110fd3c-4d36-4598-90f4-8c58348f09fa
35E	3f7ea8ef-2242-402c-a443-4857dd1d06a9
35F	edd1860e-33e2-489f-8843-fe0adfb2974b
360	8d1f4559-9adc-45ea-a144-11c52deb4c30
361	9302dfba-c4d0-4ef7-b4a9-567d53c29bd9
362	fb94b64d-07a9-486a-a98b-120d8d337696
363	bcf9ed48-ee3e-45b0-85de-dfa44482c20c
364	a5739295-b326-4e01-b339-c74a5c42c1be
365	f6ed2474-e139-4037-89a4-5ac579c6cd92
366	69e7ed42-7220-4f9d-b08e-7782138233c9
367	c9542cd9-83e1-4901-acc9-d39440b4e7fe
368	883ec10b-a2a4-4d11-8361-f45af2dff3d4

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
369	69886c3b-6784-4cbe-8e01-2eb857e4c677
36A	3e371f85-4122-4302-963f-233c48110d9c
3D9	135cd505-a59f-4be8-9e92-33dc3fbfc5a2
3DA	aeac36dc-e76a-47da-a52e-8eae41037c23
3DB	75b0bfee-1888-4717-ad24-96774ceb5c02
3DC	635bb730-141c-4f18-b3e2-2ed0b9351d7c
3DD	7c973933-2717-447b-a86d-23341a77d3ed
3DE	2531f5ba-bc8f-4651-91e5-77da6407dd5e
3DF	9439fe2d-9743-4f3f-8a7d-afd2383204d4
3E0	958123ee-65cc-4241-b9a8-28dbefad4234
3E1	de082b53-5b66-4db0-a0fc-6892d2c8e828
3E2	231986cd-c728-4acc-b2ec-6fa859fcb95b
3E3	fddc188c-a06a-4ba7-ab46-6dd0cd85cf7f
3E4	55e3221f-5be2-4038-b236-674ef6caa98e
3E5	5fdaf617-8d3b-4392-b684-3e89ef121219
3E6	905ef7d7-66dd-4161-bcf4-933ea32d6c19
3E7	0739a598-e92b-48a7-ab15-0e67e894ac71
3E8	573aab61-6422-4d49-a53b-fe217b4e78ca
3E9	2fdcf3e5-a2e9-4a30-a034-5331a6bf45ae
3EA	b6be258b-8841-45d7-98d1-63466b79d4b0
3EB	9593ae21-e334-461f-9587-9335b203266f
3EC	762d7fe8-93b4-4680-8aa6-cbcdedb87a02
3ED	0770e898-9a47-4c3a-933f-ca4b5d12f16e
3EE	eaf53df7-3795-4cdd-bb48-b3e7b4d72737
3EF	98c53b91-0868-43f0-9f1e-6bc9d40f41b6
3F0	5ae635bc-78e9-4a9f-9569-a8ec858a887f
3F1	5b3a0998-410f-4dd8-bf0b-dd9bc4e45787
3F2	82b2a9b7-05b0-4e9d-abe4-41f54e35dfdd
3F3	e9d6f56c-fe92-4d9f-8125-c464c47701a7
3F4	25f48b0c-5476-45a9-9c15-0a1cf89a0a67

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
3F5	31ffbb4a-7dad-41ec-89d8-f8f91585ebf6
3F6	75c0059a-9fa3-423f-baa4-47cf94577ec6
3F7	555300c2-b5bf-4103-9daf-ec96f47d33e8
3F8	7ddc4617-9844-4f1d-b08b-786dfc5dcae5
3F9	0c02a72a-1c6d-4722-b131-cf25b4efd043
3FA	123be031-9091-4d6d-bb59-04119a78fc92
3FB	279c8e19-f71c-4911-ac5a-728a232f9030
3FC	b0483156-e643-4c62-b94e-90758da7e096

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2F6	0.	DIS	Combination	Max	4.863	-0.08	-2.359E-03	0.009
2F6	0.28518	DIS	Combination	Max	4.867	-0.078	-2.359E-03	0.009
2F6	0.57035	DIS	Combination	Max	4.871	-0.076	-2.359E-03	0.009
2F6	0.	DIS	Combination	Min	0.044	-0.665	-0.113	-0.0048
2F6	0.28518	DIS	Combination	Min	0.047	-0.663	-0.113	-0.0048
2F6	0.57035	DIS	Combination	Min	0.05	-0.66	-0.113	-0.0048
2F7	0.	DIS	Combination	Max	0.431	-0.054	0.04	0.0013
2F7	0.28518	DIS	Combination	Max	0.434	-0.052	0.04	0.0013
2F7	0.57035	DIS	Combination	Max	0.437	-0.05	0.04	0.0013
2F7	0.	DIS	Combination	Min	-4.266	-0.235	-0.019	-0.0013
2F7	0.28518	DIS	Combination	Min	-4.262	-0.233	-0.019	-0.0013
2F7	0.57035	DIS	Combination	Min	-4.258	-0.23	-0.019	-0.0013
2F8	0.	DIS	Combination	Max	2.745	0.059	0.037	0.0039
2F8	0.28518	DIS	Combination	Max	2.749	0.061	0.037	0.0039
2F8	0.57035	DIS	Combination	Max	2.753	0.063	0.037	0.0039
2F8	0.	DIS	Combination	Min	-0.739	8.073E-03	-0.033	-0.0044
2F8	0.28518	DIS	Combination	Min	-0.736	9.818E-03	-0.033	-0.0044
2F8	0.57035	DIS	Combination	Min	-0.733	0.012	-0.033	-0.0044
2F9	0.	DIS	Combination	Max	0.531	0.032	0.039	0.0011
2F9	0.28518	DIS	Combination	Max	0.534	0.034	0.039	0.0011
2F9	0.57035	DIS	Combination	Max	0.537	0.036	0.039	0.0011
2F9	0.	DIS	Combination	Min	-2.879	8.807E-04	-0.042	-0.0011
2F9	0.28518	DIS	Combination	Min	-2.875	2.626E-03	-0.042	-0.0011
2F9	0.57035	DIS	Combination	Min	-2.871	4.371E-03	-0.042	-0.0011
2FA	0.	DIS	Combination	Max	2.323	5.855E-03	0.03	0.0039
2FA	0.28518	DIS	Combination	Max	2.327	7.600E-03	0.03	0.0039
2FA	0.57035	DIS	Combination	Max	2.331	9.345E-03	0.03	0.0039
2FA	0.	DIS	Combination	Min	-0.736	-0.014	-0.031	-0.0038
2FA	0.28518	DIS	Combination	Min	-0.733	-0.012	-0.031	-0.0038
2FA	0.57035	DIS	Combination	Min	-0.73	-9.478E-03	-0.031	-0.0038
2FB	0.	DIS	Combination	Max	0.669	2.401E-03	0.038	9.935E-04
2FB	0.28518	DIS	Combination	Max	0.672	4.145E-03	0.038	9.935E-04
2FB	0.57035	DIS	Combination	Max	0.675	6.060E-03	0.038	9.935E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
2FB	0.	DIS	Combination	Min	-2.293	-9.355E-03	-0.038	-9.921E-04
2FB	0.28518	DIS	Combination	Min	-2.289	-7.029E-03	-0.038	-9.921E-04
2FB	0.57035	DIS	Combination	Min	-2.285	-4.872E-03	-0.038	-9.921E-04
2FC	0.	DIS	Combination	Max	1.828	5.840E-03	0.029	0.0034
2FC	0.28518	DIS	Combination	Max	1.832	7.585E-03	0.029	0.0034
2FC	0.57035	DIS	Combination	Max	1.836	9.749E-03	0.029	0.0034
2FC	0.	DIS	Combination	Min	-0.875	-0.011	-0.029	-0.0034
2FC	0.28518	DIS	Combination	Min	-0.872	-8.727E-03	-0.029	-0.0034
2FC	0.57035	DIS	Combination	Min	-0.869	-6.819E-03	-0.029	-0.0034
2FD	0.	DIS	Combination	Max	0.792	3.333E-03	0.035	8.726E-04
2FD	0.28518	DIS	Combination	Max	0.795	5.078E-03	0.035	8.726E-04
2FD	0.57035	DIS	Combination	Max	0.798	7.334E-03	0.035	8.726E-04
2FD	0.	DIS	Combination	Min	-1.731	-7.895E-03	-0.035	-8.816E-04
2FD	0.28518	DIS	Combination	Min	-1.727	-5.568E-03	-0.035	-8.816E-04
2FD	0.57035	DIS	Combination	Min	-1.723	-3.753E-03	-0.035	-8.816E-04
2FE	0.	DIS	Combination	Max	1.561	5.016E-03	0.027	0.003
2FE	0.28518	DIS	Combination	Max	1.565	6.761E-03	0.027	0.003
2FE	0.57035	DIS	Combination	Max	1.569	8.900E-03	0.027	0.003
2FE	0.	DIS	Combination	Min	-0.985	-0.01	-0.027	-0.003
2FE	0.28518	DIS	Combination	Min	-0.982	-8.076E-03	-0.027	-0.003
2FE	0.57035	DIS	Combination	Min	-0.979	-6.143E-03	-0.027	-0.003
2FF	0.	DIS	Combination	Max	0.905	2.903E-03	0.032	7.927E-04
2FF	0.28518	DIS	Combination	Max	0.909	4.648E-03	0.032	7.927E-04
2FF	0.57035	DIS	Combination	Max	0.912	6.832E-03	0.032	7.927E-04
2FF	0.	DIS	Combination	Min	-1.466	-7.970E-03	-0.032	-8.033E-04
2FF	0.28518	DIS	Combination	Min	-1.462	-5.644E-03	-0.032	-8.033E-04
2FF	0.57035	DIS	Combination	Min	-1.458	-3.757E-03	-0.032	-8.033E-04
300	0.	DIS	Combination	Max	1.284	4.220E-03	0.024	0.0026
300	0.28518	DIS	Combination	Max	1.288	5.965E-03	0.024	0.0026
300	0.57035	DIS	Combination	Max	1.292	8.113E-03	0.024	0.0026
300	0.	DIS	Combination	Min	-1.087	-9.545E-03	-0.024	-0.0026
300	0.28518	DIS	Combination	Min	-1.084	-7.218E-03	-0.024	-0.0026
300	0.57035	DIS	Combination	Min	-1.081	-5.294E-03	-0.024	-0.0026
301	0.	DIS	Combination	Max	1.008	2.584E-03	0.029	7.482E-04
301	0.28518	DIS	Combination	Max	1.011	4.329E-03	0.029	7.482E-04
301	0.57035	DIS	Combination	Max	1.014	6.493E-03	0.029	7.482E-04
301	0.	DIS	Combination	Min	-1.19	-7.792E-03	-0.029	-7.602E-04
301	0.28518	DIS	Combination	Min	-1.186	-5.465E-03	-0.029	-7.602E-04
301	0.57035	DIS	Combination	Min	-1.182	-3.558E-03	-0.029	-7.602E-04
302	0.	DIS	Combination	Max	1.023	3.428E-03	0.022	0.0022
302	0.28518	DIS	Combination	Max	1.026	5.173E-03	0.022	0.0022
302	0.57035	DIS	Combination	Max	1.029	7.338E-03	0.022	0.0022
302	0.	DIS	Combination	Min	-1.205	-8.635E-03	-0.022	-0.0022
302	0.28518	DIS	Combination	Min	-1.201	-6.308E-03	-0.022	-0.0022
302	0.57035	DIS	Combination	Min	-1.197	-4.401E-03	-0.022	-0.0022
303	0.	DIS	Combination	Max	1.127	2.240E-03	0.026	7.449E-04
303	0.28518	DIS	Combination	Max	1.132	3.985E-03	0.026	7.449E-04
303	0.57035	DIS	Combination	Max	1.136	6.132E-03	0.026	7.449E-04
303	0.	DIS	Combination	Min	-0.93	-7.567E-03	-0.026	-7.570E-04
303	0.28518	DIS	Combination	Min	-0.927	-5.240E-03	-0.026	-7.570E-04
303	0.57035	DIS	Combination	Min	-0.924	-3.316E-03	-0.026	-7.570E-04
304	0.	DIS	Combination	Max	0.785	2.594E-03	0.019	0.0018
304	0.28518	DIS	Combination	Max	0.788	4.339E-03	0.019	0.0018
304	0.57035	DIS	Combination	Max	0.791	6.525E-03	0.019	0.0018

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
304	0.	DIS	Combination	Min	-1.346	-7.655E-03	-0.019	-0.0018
304	0.28518	DIS	Combination	Min	-1.342	-5.328E-03	-0.019	-0.0018
304	0.57035	DIS	Combination	Min	-1.338	-3.442E-03	-0.019	-0.0018
305	0.	DIS	Combination	Max	1.266	1.890E-03	0.023	7.686E-04
305	0.28518	DIS	Combination	Max	1.27	3.635E-03	0.023	7.686E-04
305	0.57035	DIS	Combination	Max	1.274	5.774E-03	0.023	7.686E-04
305	0.	DIS	Combination	Min	-0.689	-7.269E-03	-0.023	-7.782E-04
305	0.28518	DIS	Combination	Min	-0.686	-4.942E-03	-0.023	-7.782E-04
305	0.57035	DIS	Combination	Min	-0.683	-3.011E-03	-0.023	-7.782E-04
30B	0.	DIS	Combination	Max	0.544	1.813E-03	0.016	0.0013
30B	0.28518	DIS	Combination	Max	0.547	3.558E-03	0.016	0.0013
30B	0.57035	DIS	Combination	Max	0.55	5.810E-03	0.016	0.0013
30B	0.	DIS	Combination	Min	-1.634	-6.409E-03	-0.016	-0.0013
30B	0.28518	DIS	Combination	Min	-1.629	-4.083E-03	-0.016	-0.0013
30B	0.57035	DIS	Combination	Min	-1.625	-2.263E-03	-0.016	-0.0013
30C	0.	DIS	Combination	Max	1.641	1.476E-03	0.019	7.857E-04
30C	0.28518	DIS	Combination	Max	1.645	3.221E-03	0.019	7.857E-04
30C	0.57035	DIS	Combination	Max	1.649	5.372E-03	0.019	7.857E-04
30C	0.	DIS	Combination	Min	-0.439	-6.776E-03	-0.02	-8.065E-04
30C	0.28518	DIS	Combination	Min	-0.436	-4.449E-03	-0.02	-8.065E-04
30C	0.57035	DIS	Combination	Min	-0.433	-2.529E-03	-0.02	-8.065E-04
30D	0.	DIS	Combination	Max	0.282	-2.135E-04	0.012	8.917E-04
30D	0.28518	DIS	Combination	Max	0.285	1.531E-03	0.012	8.917E-04
30D	0.57035	DIS	Combination	Max	0.288	3.484E-03	0.012	8.917E-04
30D	0.	DIS	Combination	Min	-2.293	-6.872E-03	-0.012	-9.142E-04
30D	0.28518	DIS	Combination	Min	-2.289	-4.545E-03	-0.012	-9.142E-04
30D	0.57035	DIS	Combination	Min	-2.285	-2.218E-03	-0.012	-9.142E-04
30E	0.	DIS	Combination	Max	2.321	4.896E-04	0.016	8.422E-04
30E	0.28518	DIS	Combination	Max	2.325	2.234E-03	0.016	8.422E-04
30E	0.57035	DIS	Combination	Max	2.329	4.055E-03	0.016	8.422E-04
30E	0.	DIS	Combination	Min	-0.181	-8.464E-03	-0.015	-6.847E-04
30E	0.28518	DIS	Combination	Min	-0.178	-6.137E-03	-0.015	-6.847E-04
30E	0.57035	DIS	Combination	Min	-0.174	-3.811E-03	-0.015	-6.847E-04
30F	0.	DIS	Combination	Max	0.029	0.028	0.012	6.409E-04
30F	0.28518	DIS	Combination	Max	0.033	0.03	0.012	6.409E-04
30F	0.57035	DIS	Combination	Max	0.036	0.033	0.012	6.409E-04
30F	0.	DIS	Combination	Min	-2.89	3.862E-03	-7.108E-03	-4.011E-04
30F	0.28518	DIS	Combination	Min	-2.886	5.607E-03	-7.108E-03	-4.011E-04
30F	0.57035	DIS	Combination	Min	-2.882	7.352E-03	-7.108E-03	-4.011E-04
310	0.	DIS	Combination	Max	2.772	0.046	-4.792E-04	2.205E-04
310	0.28518	DIS	Combination	Max	2.776	0.048	-4.792E-04	2.205E-04
310	0.57035	DIS	Combination	Max	2.78	0.051	-4.792E-04	2.205E-04
310	0.	DIS	Combination	Min	0.182	3.500E-03	-0.049	-0.0026
310	0.28518	DIS	Combination	Min	0.185	5.245E-03	-0.049	-0.0026
310	0.57035	DIS	Combination	Min	0.188	6.990E-03	-0.049	-0.0026
311	0.	DIS	Combination	Max	-0.488	-0.041	-9.897E-03	0.0019
311	0.28518	DIS	Combination	Max	-0.485	-0.04	-9.897E-03	0.0019
311	0.57035	DIS	Combination	Max	-0.482	-0.038	-9.897E-03	0.0019
311	0.	DIS	Combination	Min	-4.248	-0.213	-0.053	-0.0046
311	0.28518	DIS	Combination	Min	-4.244	-0.211	-0.053	-0.0046
311	0.57035	DIS	Combination	Min	-4.24	-0.209	-0.053	-0.0046
312	0.	DIS	Combination	Max	4.793	-0.05	0.37	-0.0039
312	0.28518	DIS	Combination	Max	4.797	-0.048	0.37	-0.0039
312	0.57035	DIS	Combination	Max	4.801	-0.046	0.37	-0.0039

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
312	0.	DIS	Combination	Min	0.429	-0.605	0.058	-0.035
312	0.28518	DIS	Combination	Min	0.432	-0.602	0.058	-0.035
312	0.57035	DIS	Combination	Min	0.435	-0.6	0.058	-0.035
320	0.	DIS	Combination	Max	9.667	0.113	0.038	0.0031
320	0.28	DIS	Combination	Max	9.667	0.118	0.038	0.0031
320	0.56	DIS	Combination	Max	9.667	0.122	0.038	0.0031
320	0.	DIS	Combination	Min	2.322	0.025	-0.038	-0.0031
320	0.28	DIS	Combination	Min	2.322	0.028	-0.038	-0.0031
320	0.56	DIS	Combination	Min	2.322	0.032	-0.038	-0.0031
321	0.	DIS	Combination	Max	15.185	-8.111E-03	0.014	0.0033
321	0.28	DIS	Combination	Max	15.185	-4.684E-03	0.014	0.0033
321	0.56	DIS	Combination	Max	15.185	-1.256E-03	0.014	0.0033
321	0.	DIS	Combination	Min	3.546	-0.024	-0.014	-0.0033
321	0.28	DIS	Combination	Min	3.546	-0.02	-0.014	-0.0033
321	0.56	DIS	Combination	Min	3.546	-0.015	-0.014	-0.0033
322	0.	DIS	Combination	Max	19.721	2.007E-04	0.019	0.0046
322	0.28	DIS	Combination	Max	19.721	4.543E-03	0.019	0.0046
322	0.56	DIS	Combination	Max	19.721	9.113E-03	0.019	0.0046
322	0.	DIS	Combination	Min	4.51	-3.591E-03	-0.019	-0.0046
322	0.28	DIS	Combination	Min	4.51	1.076E-03	-0.019	-0.0046
322	0.56	DIS	Combination	Min	4.51	4.504E-03	-0.019	-0.0046
323	0.	DIS	Combination	Max	22.94	-2.882E-03	0.024	0.0058
323	0.28	DIS	Combination	Max	22.94	6.829E-04	0.024	0.0058
323	0.56	DIS	Combination	Max	22.94	5.600E-03	0.024	0.0058
323	0.	DIS	Combination	Min	5.181	-5.071E-03	-0.024	-0.0057
323	0.28	DIS	Combination	Min	5.181	1.284E-04	-0.024	-0.0057
323	0.56	DIS	Combination	Min	5.181	3.556E-03	-0.024	-0.0057
324	0.	DIS	Combination	Max	24.874	-2.989E-03	0.028	0.0067
324	0.28	DIS	Combination	Max	24.874	5.494E-04	0.028	0.0067
324	0.56	DIS	Combination	Max	24.874	5.547E-03	0.028	0.0067
324	0.	DIS	Combination	Min	5.602	-5.124E-03	-0.028	-0.0067
324	0.28	DIS	Combination	Min	5.602	1.031E-04	-0.028	-0.0067
324	0.56	DIS	Combination	Min	5.602	3.531E-03	-0.028	-0.0067
325	0.	DIS	Combination	Max	25.52	-3.380E-03	0.031	0.0077
325	0.28	DIS	Combination	Max	25.52	4.822E-05	0.031	0.0077
325	0.56	DIS	Combination	Max	25.52	5.336E-03	0.031	0.0077
325	0.	DIS	Combination	Min	5.779	-5.335E-03	-0.031	-0.0077
325	0.28	DIS	Combination	Min	5.779	-4.730E-05	-0.031	-0.0077
325	0.56	DIS	Combination	Min	5.779	3.380E-03	-0.031	-0.0077
326	0.	DIS	Combination	Max	24.879	-3.505E-03	0.035	0.0085
326	0.28	DIS	Combination	Max	24.879	-7.715E-05	0.035	0.0085
326	0.56	DIS	Combination	Max	24.879	5.122E-03	0.035	0.0085
326	0.	DIS	Combination	Min	5.695	-5.549E-03	-0.035	-0.0085
326	0.28	DIS	Combination	Min	5.695	-5.529E-04	-0.035	-0.0085
326	0.56	DIS	Combination	Min	5.695	2.986E-03	-0.035	-0.0085
327	0.	DIS	Combination	Max	22.95	-3.524E-03	0.038	0.0094
327	0.28	DIS	Combination	Max	22.95	-9.602E-05	0.038	0.0094
327	0.56	DIS	Combination	Max	22.95	5.087E-03	0.038	0.0094
327	0.	DIS	Combination	Min	5.327	-5.584E-03	-0.038	-0.0094
327	0.28	DIS	Combination	Min	5.327	-6.429E-04	-0.038	-0.0094
327	0.56	DIS	Combination	Min	5.327	2.914E-03	-0.038	-0.0094
328	0.	DIS	Combination	Max	19.736	-4.555E-03	0.042	0.0101
328	0.28	DIS	Combination	Max	19.736	-1.128E-03	0.042	0.0101
328	0.56	DIS	Combination	Max	19.736	3.496E-03	0.042	0.0101

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
328	0.	DIS	Combination	Min	4.649	-9.361E-03	-0.042	-0.0101
328	0.28	DIS	Combination	Min	4.649	-4.791E-03	-0.042	-0.0101
328	0.56	DIS	Combination	Min	4.649	-3.984E-04	-0.042	-0.0101
329	0.	DIS	Combination	Max	15.2	0.017	0.042	0.0108
329	0.28	DIS	Combination	Max	15.2	0.021	0.042	0.0108
329	0.56	DIS	Combination	Max	15.2	0.026	0.042	0.0108
329	0.	DIS	Combination	Min	3.633	1.687E-03	-0.042	-0.0108
329	0.28	DIS	Combination	Min	3.633	5.115E-03	-0.042	-0.0108
329	0.56	DIS	Combination	Min	3.633	8.543E-03	-0.042	-0.0108
32A	0.	DIS	Combination	Max	9.724	-0.034	0.063	0.0108
32A	0.28	DIS	Combination	Max	9.724	-0.031	0.063	0.0108
32A	0.56	DIS	Combination	Max	9.724	-0.028	0.063	0.0108
32A	0.	DIS	Combination	Min	2.358	-0.133	-0.063	-0.0108
32A	0.28	DIS	Combination	Min	2.358	-0.129	-0.063	-0.0108
32A	0.56	DIS	Combination	Min	2.358	-0.124	-0.063	-0.0108
34F	0.	DIS	Combination	Max	25.675	0.507	0.217	0.0117
34F	0.28	DIS	Combination	Max	25.675	0.756	0.217	0.0117
34F	0.56	DIS	Combination	Max	25.675	1.005	0.217	0.0117
34F	0.	DIS	Combination	Min	-27.393	0.046	-0.215	-0.0115
34F	0.28	DIS	Combination	Min	-27.393	0.103	-0.215	-0.0115
34F	0.56	DIS	Combination	Min	-27.393	0.159	-0.215	-0.0115
350	0.	DIS	Combination	Max	21.463	-0.068	0.204	0.0114
350	0.28	DIS	Combination	Max	21.463	-0.012	0.204	0.0114
350	0.56	DIS	Combination	Max	21.463	0.163	0.204	0.0114
350	0.	DIS	Combination	Min	-25.02	-0.335	-0.206	-0.0113
350	0.28	DIS	Combination	Min	-25.02	-0.086	-0.206	-0.0113
350	0.56	DIS	Combination	Min	-25.02	0.026	-0.206	-0.0113
351	0.	DIS	Combination	Max	17.648	-0.042	0.195	0.0106
351	0.28	DIS	Combination	Max	17.648	0.015	0.195	0.0106
351	0.56	DIS	Combination	Max	17.648	0.256	0.195	0.0106
351	0.	DIS	Combination	Min	-22.702	-0.242	-0.195	-0.0107
351	0.28	DIS	Combination	Min	-22.702	-0.011	-0.195	-0.0107
351	0.56	DIS	Combination	Min	-22.702	0.045	-0.195	-0.0107
352	0.	DIS	Combination	Max	14.109	-0.045	0.182	0.0099
352	0.28	DIS	Combination	Max	14.109	0.011	0.182	0.0099
352	0.56	DIS	Combination	Max	14.109	0.247	0.182	0.0099
352	0.	DIS	Combination	Min	-20.276	-0.25	-0.182	-0.0099
352	0.28	DIS	Combination	Min	-20.276	-0.012	-0.182	-0.0099
352	0.56	DIS	Combination	Min	-20.276	0.044	-0.182	-0.0099
353	0.	DIS	Combination	Max	10.877	-0.046	0.167	0.0091
353	0.28	DIS	Combination	Max	10.877	0.011	0.167	0.0091
353	0.56	DIS	Combination	Max	10.877	0.248	0.167	0.0091
353	0.	DIS	Combination	Min	-17.788	-0.249	-0.167	-0.0091
353	0.28	DIS	Combination	Min	-17.788	-0.011	-0.167	-0.0091
353	0.56	DIS	Combination	Min	-17.788	0.046	-0.167	-0.0091
354	0.	DIS	Combination	Max	7.973	-0.047	0.152	0.0082
354	0.28	DIS	Combination	Max	7.973	9.599E-03	0.152	0.0082
354	0.56	DIS	Combination	Max	7.973	0.249	0.152	0.0082
354	0.	DIS	Combination	Min	-15.256	-0.249	-0.152	-0.0082
354	0.28	DIS	Combination	Min	-15.256	-9.720E-03	-0.152	-0.0082
354	0.56	DIS	Combination	Min	-15.256	0.047	-0.152	-0.0082
355	0.	DIS	Combination	Max	5.422	-0.048	0.136	0.0073
355	0.28	DIS	Combination	Max	5.422	8.674E-03	0.136	0.0073
355	0.56	DIS	Combination	Max	5.422	0.249	0.136	0.0073

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
355	0.	DIS	Combination	Min	-12.704	-0.249	-0.136	-0.0073
355	0.28	DIS	Combination	Min	-12.704	-8.558E-03	-0.136	-0.0073
355	0.56	DIS	Combination	Min	-12.704	0.048	-0.136	-0.0073
356	0.	DIS	Combination	Max	3.254	-0.049	0.119	0.0064
356	0.28	DIS	Combination	Max	3.254	7.709E-03	0.119	0.0064
356	0.56	DIS	Combination	Max	3.254	0.249	0.119	0.0064
356	0.	DIS	Combination	Min	-11.944	-0.248	-0.119	-0.0064
356	0.28	DIS	Combination	Min	-11.944	-7.371E-03	-0.119	-0.0064
356	0.56	DIS	Combination	Min	-11.944	0.049	-0.119	-0.0064
357	0.	DIS	Combination	Max	1.512	-0.05	0.1	0.0053
357	0.28	DIS	Combination	Max	1.512	6.779E-03	0.1	0.0053
357	0.56	DIS	Combination	Max	1.512	0.25	0.1	0.0053
357	0.	DIS	Combination	Min	-10.657	-0.247	-0.1	-0.0053
357	0.28	DIS	Combination	Min	-10.657	-5.886E-03	-0.1	-0.0053
357	0.56	DIS	Combination	Min	-10.657	0.05	-0.1	-0.0053
358	0.	DIS	Combination	Max	0.258	-0.052	0.079	0.0041
358	0.28	DIS	Combination	Max	0.258	3.991E-03	0.079	0.0041
358	0.56	DIS	Combination	Max	0.258	0.243	0.079	0.0041
358	0.	DIS	Combination	Min	-8.729	-0.254	-0.076	-0.0041
358	0.28	DIS	Combination	Min	-8.729	-7.101E-03	-0.076	-0.0041
358	0.56	DIS	Combination	Min	-8.729	0.05	-0.076	-0.0041
359	0.	DIS	Combination	Max	-0.425	-0.03	0.038	0.0031
359	0.28	DIS	Combination	Max	-0.425	0.075	0.038	0.0031
359	0.56	DIS	Combination	Max	-0.425	0.324	0.038	0.0031
359	0.	DIS	Combination	Min	-6.139	-0.174	-0.07	-0.0026
359	0.28	DIS	Combination	Min	-6.139	0.011	-0.07	-0.0026
359	0.56	DIS	Combination	Min	-6.139	0.067	-0.07	-0.0026
35A	0.	DIS	Combination	Max	-0.258	-0.134	0.185	0.0225
35A	0.28	DIS	Combination	Max	-0.258	-0.078	0.185	0.0225
35A	0.56	DIS	Combination	Max	-0.258	-0.021	0.185	0.0225
35A	0.	DIS	Combination	Min	-2.937	-0.973	9.968E-03	0.003
35A	0.28	DIS	Combination	Min	-2.937	-0.724	9.968E-03	0.003
35A	0.56	DIS	Combination	Min	-2.937	-0.476	9.968E-03	0.003
35B	0.	DIS	Combination	Max	7.932E-03	3.383	0.01	5.695E-18
35B	0.16	DIS	Combination	Max	7.932E-03	3.525	0.01	5.695E-18
35B	0.	DIS	Combination	Min	-7.932E-03	0.332	-0.01	-2.054E-17
35B	0.16	DIS	Combination	Min	-7.932E-03	0.364	-0.01	-2.054E-17
35C	0.	DIS	Combination	Max	29.209	-0.161	0.362	0.
35C	0.16	DIS	Combination	Max	29.209	-0.129	0.362	0.
35C	0.	DIS	Combination	Min	-29.209	-3.572	-0.335	0.
35C	0.16	DIS	Combination	Min	-29.209	-3.43	-0.335	0.
35D	0.	DIS	Combination	Max	25.673	0.507	0.215	0.0115
35D	0.28	DIS	Combination	Max	25.673	0.756	0.215	0.0115
35D	0.56	DIS	Combination	Max	25.673	1.005	0.215	0.0115
35D	0.	DIS	Combination	Min	-27.395	0.046	-0.217	-0.0117
35D	0.28	DIS	Combination	Min	-27.395	0.103	-0.217	-0.0117
35D	0.56	DIS	Combination	Min	-27.395	0.159	-0.217	-0.0117
35E	0.	DIS	Combination	Max	21.459	-0.068	0.206	0.0113
35E	0.28	DIS	Combination	Max	21.459	-0.012	0.206	0.0113
35E	0.56	DIS	Combination	Max	21.459	0.163	0.206	0.0113
35E	0.	DIS	Combination	Min	-25.025	-0.335	-0.204	-0.0114
35E	0.28	DIS	Combination	Min	-25.025	-0.086	-0.204	-0.0114
35E	0.56	DIS	Combination	Min	-25.025	0.026	-0.204	-0.0114
35F	0.	DIS	Combination	Max	17.642	-0.042	0.194	0.0106

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
35F	0.28	DIS	Combination	Max	17.642	0.015	0.194	0.0106
35F	0.56	DIS	Combination	Max	17.642	0.256	0.194	0.0106
35F	0.	DIS	Combination	Min	-22.709	-0.242	-0.195	-0.0106
35F	0.28	DIS	Combination	Min	-22.709	-0.011	-0.195	-0.0106
35F	0.56	DIS	Combination	Min	-22.709	0.045	-0.195	-0.0106
360	0.	DIS	Combination	Max	14.102	-0.045	0.182	0.0099
360	0.28	DIS	Combination	Max	14.102	0.011	0.182	0.0099
360	0.56	DIS	Combination	Max	14.102	0.247	0.182	0.0099
360	0.	DIS	Combination	Min	-20.285	-0.25	-0.182	-0.0099
360	0.28	DIS	Combination	Min	-20.285	-0.012	-0.182	-0.0099
360	0.56	DIS	Combination	Min	-20.285	0.044	-0.182	-0.0099
361	0.	DIS	Combination	Max	10.87	-0.046	0.167	0.0091
361	0.28	DIS	Combination	Max	10.87	0.011	0.167	0.0091
361	0.56	DIS	Combination	Max	10.87	0.248	0.167	0.0091
361	0.	DIS	Combination	Min	-17.798	-0.249	-0.167	-0.0091
361	0.28	DIS	Combination	Min	-17.798	-0.011	-0.167	-0.0091
361	0.56	DIS	Combination	Min	-17.798	0.046	-0.167	-0.0091
362	0.	DIS	Combination	Max	7.965	-0.047	0.152	0.0082
362	0.28	DIS	Combination	Max	7.965	9.588E-03	0.152	0.0082
362	0.56	DIS	Combination	Max	7.965	0.249	0.152	0.0082
362	0.	DIS	Combination	Min	-15.266	-0.249	-0.152	-0.0082
362	0.28	DIS	Combination	Min	-15.266	-9.702E-03	-0.152	-0.0082
362	0.56	DIS	Combination	Min	-15.266	0.047	-0.152	-0.0082
363	0.	DIS	Combination	Max	5.414	-0.048	0.136	0.0073
363	0.28	DIS	Combination	Max	5.414	8.663E-03	0.136	0.0073
363	0.56	DIS	Combination	Max	5.414	0.249	0.136	0.0073
363	0.	DIS	Combination	Min	-12.715	-0.249	-0.136	-0.0073
363	0.28	DIS	Combination	Min	-12.715	-8.545E-03	-0.136	-0.0073
363	0.56	DIS	Combination	Min	-12.715	0.048	-0.136	-0.0073
364	0.	DIS	Combination	Max	3.247	-0.049	0.119	0.0064
364	0.28	DIS	Combination	Max	3.247	7.696E-03	0.119	0.0064
364	0.56	DIS	Combination	Max	3.247	0.249	0.119	0.0064
364	0.	DIS	Combination	Min	-11.975	-0.248	-0.119	-0.0064
364	0.28	DIS	Combination	Min	-11.975	-7.361E-03	-0.119	-0.0064
364	0.56	DIS	Combination	Min	-11.975	0.049	-0.119	-0.0064
365	0.	DIS	Combination	Max	1.505	-0.05	0.1	0.0053
365	0.28	DIS	Combination	Max	1.505	6.766E-03	0.1	0.0053
365	0.56	DIS	Combination	Max	1.505	0.25	0.1	0.0053
365	0.	DIS	Combination	Min	-10.684	-0.247	-0.1	-0.0053
365	0.28	DIS	Combination	Min	-10.684	-5.879E-03	-0.1	-0.0053
365	0.56	DIS	Combination	Min	-10.684	0.05	-0.1	-0.0053
366	0.	DIS	Combination	Max	0.253	-0.052	0.076	0.0041
366	0.28	DIS	Combination	Max	0.253	3.978E-03	0.076	0.0041
366	0.56	DIS	Combination	Max	0.253	0.243	0.076	0.0041
366	0.	DIS	Combination	Min	-8.751	-0.254	-0.079	-0.0041
366	0.28	DIS	Combination	Min	-8.751	-7.102E-03	-0.079	-0.0041
366	0.56	DIS	Combination	Min	-8.751	0.05	-0.079	-0.0041
367	0.	DIS	Combination	Max	-0.429	-0.03	0.07	0.0026
367	0.28	DIS	Combination	Max	-0.429	0.075	0.07	0.0026
367	0.56	DIS	Combination	Max	-0.429	0.324	0.07	0.0026
367	0.	DIS	Combination	Min	-6.155	-0.174	-0.038	-0.0031
367	0.28	DIS	Combination	Min	-6.155	0.011	-0.038	-0.0031
367	0.56	DIS	Combination	Min	-6.155	0.067	-0.038	-0.0031
368	0.	DIS	Combination	Max	-0.258	-0.134	-9.878E-03	-0.003

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
368	0.28	DIS	Combination	Max	-0.258	-0.078	-9.878E-03	-0.003
368	0.56	DIS	Combination	Max	-0.258	-0.021	-9.878E-03	-0.003
368	0.	DIS	Combination	Min	-2.938	-0.973	-0.184	-0.0225
368	0.28	DIS	Combination	Min	-2.938	-0.725	-0.184	-0.0225
368	0.56	DIS	Combination	Min	-2.938	-0.476	-0.184	-0.0225
369	0.	DIS	Combination	Max	7.932E-03	3.385	0.01	6.663E-17
369	0.16	DIS	Combination	Max	7.932E-03	3.527	0.01	6.663E-17
369	0.	DIS	Combination	Min	-7.932E-03	0.332	-0.01	-1.031E-16
369	0.16	DIS	Combination	Min	-7.932E-03	0.364	-0.01	-1.031E-16
36A	0.	DIS	Combination	Max	29.209	-0.161	0.335	0.
36A	0.16	DIS	Combination	Max	29.209	-0.129	0.335	0.
36A	0.	DIS	Combination	Min	-29.209	-3.571	-0.362	0.
36A	0.16	DIS	Combination	Min	-29.209	-3.429	-0.362	0.
3D9	0.	DIS	Combination	Max	4.863	-0.08	0.112	0.0048
3D9	0.28517	DIS	Combination	Max	4.867	-0.078	0.112	0.0048
3D9	0.57034	DIS	Combination	Max	4.871	-0.076	0.112	0.0048
3D9	0.	DIS	Combination	Min	0.044	-0.665	2.230E-03	-0.009
3D9	0.28517	DIS	Combination	Min	0.047	-0.663	2.230E-03	-0.009
3D9	0.57034	DIS	Combination	Min	0.05	-0.661	2.230E-03	-0.009
3DA	0.	DIS	Combination	Max	0.431	-0.054	0.019	0.0013
3DA	0.28517	DIS	Combination	Max	0.434	-0.052	0.019	0.0013
3DA	0.57034	DIS	Combination	Max	0.437	-0.05	0.019	0.0013
3DA	0.	DIS	Combination	Min	-4.267	-0.235	-0.04	-0.0013
3DA	0.28517	DIS	Combination	Min	-4.263	-0.233	-0.04	-0.0013
3DA	0.57034	DIS	Combination	Min	-4.259	-0.23	-0.04	-0.0013
3DB	0.	DIS	Combination	Max	2.746	0.059	0.033	0.0044
3DB	0.28517	DIS	Combination	Max	2.75	0.061	0.033	0.0044
3DB	0.57034	DIS	Combination	Max	2.754	0.063	0.033	0.0044
3DB	0.	DIS	Combination	Min	-0.739	8.075E-03	-0.037	-0.0039
3DB	0.28517	DIS	Combination	Min	-0.736	9.820E-03	-0.037	-0.0039
3DB	0.57034	DIS	Combination	Min	-0.733	0.012	-0.037	-0.0039
3DC	0.	DIS	Combination	Max	0.531	0.032	0.042	0.0011
3DC	0.28517	DIS	Combination	Max	0.534	0.034	0.042	0.0011
3DC	0.57034	DIS	Combination	Max	0.537	0.036	0.042	0.0011
3DC	0.	DIS	Combination	Min	-2.879	8.963E-04	-0.039	-0.0011
3DC	0.28517	DIS	Combination	Min	-2.875	2.641E-03	-0.039	-0.0011
3DC	0.57034	DIS	Combination	Min	-2.871	4.386E-03	-0.039	-0.0011
3DD	0.	DIS	Combination	Max	2.323	5.849E-03	0.031	0.0038
3DD	0.28517	DIS	Combination	Max	2.327	7.594E-03	0.031	0.0038
3DD	0.57034	DIS	Combination	Max	2.331	9.338E-03	0.031	0.0038
3DD	0.	DIS	Combination	Min	-0.736	-0.014	-0.03	-0.0039
3DD	0.28517	DIS	Combination	Min	-0.733	-0.012	-0.03	-0.0039
3DD	0.57034	DIS	Combination	Min	-0.73	-9.478E-03	-0.03	-0.0039
3DE	0.	DIS	Combination	Max	0.668	2.397E-03	0.038	9.903E-04
3DE	0.28517	DIS	Combination	Max	0.671	4.142E-03	0.038	9.903E-04
3DE	0.57034	DIS	Combination	Max	0.674	6.058E-03	0.038	9.903E-04
3DE	0.	DIS	Combination	Min	-2.293	-9.340E-03	-0.038	-9.960E-04
3DE	0.28517	DIS	Combination	Min	-2.289	-7.014E-03	-0.038	-9.960E-04
3DE	0.57034	DIS	Combination	Min	-2.285	-4.859E-03	-0.038	-9.960E-04
3DF	0.	DIS	Combination	Max	1.828	5.835E-03	0.029	0.0034
3DF	0.28517	DIS	Combination	Max	1.832	7.580E-03	0.029	0.0034
3DF	0.57034	DIS	Combination	Max	1.836	9.743E-03	0.029	0.0034
3DF	0.	DIS	Combination	Min	-0.875	-0.011	-0.029	-0.0034
3DF	0.28517	DIS	Combination	Min	-0.872	-8.726E-03	-0.029	-0.0034

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
3DF	0.57034	DIS	Combination	Min	-0.869	-6.818E-03	-0.029	-0.0034
3E0	0.	DIS	Combination	Max	0.791	3.329E-03	0.035	8.795E-04
3E0	0.28517	DIS	Combination	Max	0.794	5.074E-03	0.035	8.795E-04
3E0	0.57034	DIS	Combination	Max	0.798	7.332E-03	0.035	8.795E-04
3E0	0.	DIS	Combination	Min	-1.731	-7.881E-03	-0.035	-8.744E-04
3E0	0.28517	DIS	Combination	Min	-1.727	-5.554E-03	-0.035	-8.744E-04
3E0	0.57034	DIS	Combination	Min	-1.723	-3.741E-03	-0.035	-8.744E-04
3E1	0.	DIS	Combination	Max	1.561	5.013E-03	0.027	0.003
3E1	0.28517	DIS	Combination	Max	1.565	6.758E-03	0.027	0.003
3E1	0.57034	DIS	Combination	Max	1.569	8.896E-03	0.027	0.003
3E1	0.	DIS	Combination	Min	-0.985	-0.01	-0.027	-0.003
3E1	0.28517	DIS	Combination	Min	-0.982	-8.074E-03	-0.027	-0.003
3E1	0.57034	DIS	Combination	Min	-0.979	-6.141E-03	-0.027	-0.003
3E2	0.	DIS	Combination	Max	0.906	2.899E-03	0.032	8.014E-04
3E2	0.28517	DIS	Combination	Max	0.909	4.644E-03	0.032	8.014E-04
3E2	0.57034	DIS	Combination	Max	0.912	6.829E-03	0.032	8.014E-04
3E2	0.	DIS	Combination	Min	-1.466	-7.958E-03	-0.032	-7.944E-04
3E2	0.28517	DIS	Combination	Min	-1.462	-5.632E-03	-0.032	-7.944E-04
3E2	0.57034	DIS	Combination	Min	-1.458	-3.746E-03	-0.032	-7.944E-04
3E3	0.	DIS	Combination	Max	1.284	4.218E-03	0.024	0.0026
3E3	0.28517	DIS	Combination	Max	1.288	5.963E-03	0.024	0.0026
3E3	0.57034	DIS	Combination	Max	1.292	8.110E-03	0.024	0.0026
3E3	0.	DIS	Combination	Min	-1.087	-9.541E-03	-0.024	-0.0026
3E3	0.28517	DIS	Combination	Min	-1.084	-7.215E-03	-0.024	-0.0026
3E3	0.57034	DIS	Combination	Min	-1.081	-5.291E-03	-0.024	-0.0026
3E4	0.	DIS	Combination	Max	1.009	2.579E-03	0.029	7.586E-04
3E4	0.28517	DIS	Combination	Max	1.012	4.324E-03	0.029	7.586E-04
3E4	0.57034	DIS	Combination	Max	1.015	6.489E-03	0.029	7.586E-04
3E4	0.	DIS	Combination	Min	-1.19	-7.781E-03	-0.029	-7.497E-04
3E4	0.28517	DIS	Combination	Min	-1.186	-5.455E-03	-0.029	-7.497E-04
3E4	0.57034	DIS	Combination	Min	-1.181	-3.548E-03	-0.029	-7.497E-04
3E5	0.	DIS	Combination	Max	1.023	3.427E-03	0.022	0.0022
3E5	0.28517	DIS	Combination	Max	1.026	5.172E-03	0.022	0.0022
3E5	0.57034	DIS	Combination	Max	1.029	7.337E-03	0.022	0.0022
3E5	0.	DIS	Combination	Min	-1.206	-8.630E-03	-0.022	-0.0022
3E5	0.28517	DIS	Combination	Min	-1.202	-6.304E-03	-0.022	-0.0022
3E5	0.57034	DIS	Combination	Min	-1.198	-4.398E-03	-0.022	-0.0022
3E6	0.	DIS	Combination	Max	1.128	2.235E-03	0.026	7.558E-04
3E6	0.28517	DIS	Combination	Max	1.132	3.980E-03	0.026	7.558E-04
3E6	0.57034	DIS	Combination	Max	1.136	6.127E-03	0.026	7.558E-04
3E6	0.	DIS	Combination	Min	-0.93	-7.558E-03	-0.026	-7.462E-04
3E6	0.28517	DIS	Combination	Min	-0.927	-5.232E-03	-0.026	-7.462E-04
3E6	0.57034	DIS	Combination	Min	-0.924	-3.308E-03	-0.026	-7.462E-04
3E7	0.	DIS	Combination	Max	0.785	2.595E-03	0.019	0.0018
3E7	0.28517	DIS	Combination	Max	0.788	4.340E-03	0.019	0.0018
3E7	0.57034	DIS	Combination	Max	0.791	6.525E-03	0.019	0.0018
3E7	0.	DIS	Combination	Min	-1.347	-7.650E-03	-0.019	-0.0018
3E7	0.28517	DIS	Combination	Min	-1.343	-5.323E-03	-0.019	-0.0018
3E7	0.57034	DIS	Combination	Min	-1.339	-3.438E-03	-0.019	-0.0018
3E8	0.	DIS	Combination	Max	1.266	1.885E-03	0.023	7.774E-04
3E8	0.28517	DIS	Combination	Max	1.27	3.629E-03	0.023	7.774E-04
3E8	0.57034	DIS	Combination	Max	1.274	5.769E-03	0.023	7.774E-04
3E8	0.	DIS	Combination	Min	-0.689	-7.262E-03	-0.023	-7.696E-04
3E8	0.28517	DIS	Combination	Min	-0.686	-4.936E-03	-0.023	-7.696E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
3E8	0.57034	DIS	Combination	Min	-0.683	-3.004E-03	-0.023	-7.696E-04
3E9	0.	DIS	Combination	Max	0.543	1.815E-03	0.016	0.0013
3E9	0.28517	DIS	Combination	Max	0.546	3.560E-03	0.016	0.0013
3E9	0.57034	DIS	Combination	Max	0.55	5.812E-03	0.016	0.0013
3E9	0.	DIS	Combination	Min	-1.635	-6.403E-03	-0.016	-0.0013
3E9	0.28517	DIS	Combination	Min	-1.631	-4.077E-03	-0.016	-0.0013
3E9	0.57034	DIS	Combination	Min	-1.627	-2.258E-03	-0.016	-0.0013
3EA	0.	DIS	Combination	Max	1.643	1.470E-03	0.02	8.061E-04
3EA	0.28517	DIS	Combination	Max	1.647	3.215E-03	0.02	8.061E-04
3EA	0.57034	DIS	Combination	Max	1.651	5.366E-03	0.02	8.061E-04
3EA	0.	DIS	Combination	Min	-0.438	-6.771E-03	-0.019	-7.863E-04
3EA	0.28517	DIS	Combination	Min	-0.435	-4.445E-03	-0.019	-7.863E-04
3EA	0.57034	DIS	Combination	Min	-0.432	-2.524E-03	-0.019	-7.863E-04
3EB	0.	DIS	Combination	Max	0.281	-2.105E-04	0.012	9.166E-04
3EB	0.28517	DIS	Combination	Max	0.284	1.534E-03	0.012	9.166E-04
3EB	0.57034	DIS	Combination	Max	0.287	3.488E-03	0.012	9.166E-04
3EB	0.	DIS	Combination	Min	-2.295	-6.856E-03	-0.012	-8.902E-04
3EB	0.28517	DIS	Combination	Min	-2.291	-4.529E-03	-0.012	-8.902E-04
3EB	0.57034	DIS	Combination	Min	-2.287	-2.203E-03	-0.012	-8.902E-04
3EC	0.	DIS	Combination	Max	2.323	4.823E-04	0.015	6.850E-04
3EC	0.28517	DIS	Combination	Max	2.327	2.227E-03	0.015	6.850E-04
3EC	0.57034	DIS	Combination	Max	2.331	4.046E-03	0.015	6.850E-04
3EC	0.	DIS	Combination	Min	-0.18	-8.476E-03	-0.016	-8.423E-04
3EC	0.28517	DIS	Combination	Min	-0.177	-6.150E-03	-0.016	-8.423E-04
3EC	0.57034	DIS	Combination	Min	-0.174	-3.823E-03	-0.016	-8.423E-04
3ED	0.	DIS	Combination	Max	0.029	0.028	7.140E-03	4.020E-04
3ED	0.28517	DIS	Combination	Max	0.032	0.03	7.140E-03	4.020E-04
3ED	0.57034	DIS	Combination	Max	0.035	0.033	7.140E-03	4.020E-04
3ED	0.	DIS	Combination	Min	-2.892	3.868E-03	-0.012	-6.402E-04
3ED	0.28517	DIS	Combination	Min	-2.888	5.613E-03	-0.012	-6.402E-04
3ED	0.57034	DIS	Combination	Min	-2.884	7.358E-03	-0.012	-6.402E-04
3EE	0.	DIS	Combination	Max	2.777	0.046	0.049	0.0026
3EE	0.28517	DIS	Combination	Max	2.781	0.048	0.049	0.0026
3EE	0.57034	DIS	Combination	Max	2.785	0.051	0.049	0.0026
3EE	0.	DIS	Combination	Min	0.183	3.508E-03	5.025E-04	-2.206E-04
3EE	0.28517	DIS	Combination	Min	0.186	5.253E-03	5.025E-04	-2.206E-04
3EE	0.57034	DIS	Combination	Min	0.189	6.997E-03	5.025E-04	-2.206E-04
3EF	0.	DIS	Combination	Max	-0.49	-0.041	0.053	0.0046
3EF	0.28517	DIS	Combination	Max	-0.487	-0.04	0.053	0.0046
3EF	0.57034	DIS	Combination	Max	-0.484	-0.038	0.053	0.0046
3EF	0.	DIS	Combination	Min	-4.255	-0.213	9.892E-03	-0.0019
3EF	0.28517	DIS	Combination	Min	-4.251	-0.211	9.892E-03	-0.0019
3EF	0.57034	DIS	Combination	Min	-4.247	-0.209	9.892E-03	-0.0019
3F0	0.	DIS	Combination	Max	0.059	0.026	1.92	0.0054
3F0	0.10692	DIS	Combination	Max	0.059	0.051	1.92	0.0054
3F0	0.	DIS	Combination	Min	0.011	-0.051	-1.919	-0.0053
3F0	0.10692	DIS	Combination	Min	0.011	-0.026	-1.919	-0.0053
3F1	0.	DIS	Combination	Max	0.059	0.019	1.756	0.0049
3F1	0.10692	DIS	Combination	Max	0.059	0.047	1.756	0.0049
3F1	0.	DIS	Combination	Min	0.011	-0.048	-1.756	-0.0049
3F1	0.10692	DIS	Combination	Min	0.011	-0.019	-1.756	-0.0049
3F2	0.	DIS	Combination	Max	0.059	0.012	1.584	0.0044
3F2	0.10692	DIS	Combination	Max	0.059	0.047	1.584	0.0044
3F2	0.	DIS	Combination	Min	0.01	-0.048	-1.584	-0.0044

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
3F2	0.10692	DIS	Combination	Min	0.01	-0.012	-1.584	-0.0044
3F3	0.	DIS	Combination	Max	0.059	5.633E-03	1.401	0.0039
3F3	0.10692	DIS	Combination	Max	0.059	0.047	1.401	0.0039
3F3	0.	DIS	Combination	Min	9.694E-03	-0.048	-1.401	-0.0039
3F3	0.10692	DIS	Combination	Min	9.694E-03	-5.664E-03	-1.401	-0.0039
3F4	0.	DIS	Combination	Max	0.059	-1.853E-04	1.2	0.0033
3F4	0.10692	DIS	Combination	Max	0.059	0.047	1.2	0.0033
3F4	0.	DIS	Combination	Min	0.01	-0.048	-1.201	-0.0033
3F4	0.10692	DIS	Combination	Min	0.01	1.563E-04	-1.201	-0.0033
3F5	0.	DIS	Combination	Max	0.054	-3.041E-03	0.968	0.0027
3F5	0.10692	DIS	Combination	Max	0.054	0.047	0.968	0.0027
3F5	0.	DIS	Combination	Min	0.01	-0.048	-0.969	-0.0027
3F5	0.10692	DIS	Combination	Min	0.01	3.010E-03	-0.969	-0.0027
3F6	0.	DIS	Combination	Max	0.111	-4.020E-03	0.699	0.0017
3F6	0.10692	DIS	Combination	Max	0.111	0.048	0.699	0.0017
3F6	0.	DIS	Combination	Min	0.025	-0.047	-0.7	-0.0017
3F6	0.10692	DIS	Combination	Min	0.025	4.029E-03	-0.7	-0.0017
3F7	0.	DIS	Combination	Max	-0.027	0.042	0.546	0.0065
3F7	0.10692	DIS	Combination	Max	-0.027	0.067	0.546	0.0065
3F7	0.	DIS	Combination	Min	-0.125	-0.067	-0.548	-0.0065
3F7	0.10692	DIS	Combination	Min	-0.125	-0.042	-0.548	-0.0065
3F8	0.	DIS	Combination	Max	4.796	-0.05	-0.058	0.0349
3F8	0.28517	DIS	Combination	Max	4.8	-0.048	-0.058	0.0349
3F8	0.57034	DIS	Combination	Max	4.804	-0.047	-0.058	0.0349
3F8	0.	DIS	Combination	Min	0.43	-0.605	-0.37	0.0039
3F8	0.28517	DIS	Combination	Min	0.433	-0.603	-0.37	0.0039
3F8	0.57034	DIS	Combination	Min	0.436	-0.601	-0.37	0.0039
3F9	0.	DIS	Combination	Max	-0.099	0.191	2.375	0.0541
3F9	0.10692	DIS	Combination	Max	-0.099	0.216	2.375	0.0541
3F9	0.	DIS	Combination	Min	-0.409	-0.216	-2.373	-0.0541
3F9	0.10692	DIS	Combination	Min	-0.409	-0.19	-2.373	-0.0541
3FA	0.	DIS	Combination	Max	0.15	0.021	2.312	0.0109
3FA	0.10692	DIS	Combination	Max	0.15	0.047	2.312	0.0109
3FA	0.	DIS	Combination	Min	0.033	-0.048	-2.31	-0.0109
3FA	0.10692	DIS	Combination	Min	0.033	-0.021	-2.31	-0.0109
3FB	0.	DIS	Combination	Max	0.046	0.043	2.2	0.0058
3FB	0.10692	DIS	Combination	Max	0.046	0.068	2.2	0.0058
3FB	0.	DIS	Combination	Min	7.665E-03	-0.068	-2.198	-0.0058
3FB	0.10692	DIS	Combination	Min	7.665E-03	-0.043	-2.198	-0.0058
3FC	0.	DIS	Combination	Max	0.06	0.033	2.071	0.0058
3FC	0.10692	DIS	Combination	Max	0.06	0.058	2.071	0.0058
3FC	0.	DIS	Combination	Min	0.011	-0.058	-2.07	-0.0058
3FC	0.10692	DIS	Combination	Min	0.011	-0.033	-2.07	-0.0058

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F6	0.	DIS	Max	0.0093	-0.005	2F6-1	0.
2F6	0.28518	DIS	Max	0.0152	0.0908	2F6-1	0.28518
2F6	0.57035	DIS	Max	0.0474	0.2795	2F6-1	0.57035
2F6	0.	DIS	Min	-0.019	-0.0986	2F6-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2F6	0.28518	DIS	Min	-0.003	0.017	2F6-1	0.28518
2F6	0.57035	DIS	Min	0.008	0.0393	2F6-1	0.57035
2F7	0.	DIS	Max	0.0172	-0.0154	2F7-1	0.
2F7	0.28518	DIS	Max	0.0058	0.0011	2F7-1	0.28518
2F7	0.57035	DIS	Max	1.185E-04	0.0609	2F7-1	0.57035
2F7	0.	DIS	Min	-0.0106	-0.0718	2F7-1	0.
2F7	0.28518	DIS	Min	-0.0053	-0.0051	2F7-1	0.28518
2F7	0.57035	DIS	Min	-0.0096	0.0117	2F7-1	0.57035
2F8	0.	DIS	Max	0.0162	0.0066	2F8-1	0.
2F8	0.28518	DIS	Max	0.0058	3.272E-04	2F8-1	0.28518
2F8	0.57035	DIS	Max	0.0028	-0.0051	2F8-1	0.57035
2F8	0.	DIS	Min	-0.0158	-0.0026	2F8-1	0.
2F8	0.28518	DIS	Min	-0.0067	-0.0105	2F8-1	0.28518
2F8	0.57035	DIS	Min	-0.0048	-0.0282	2F8-1	0.57035
2F9	0.	DIS	Max	0.018	0.0114	2F9-1	0.
2F9	0.28518	DIS	Max	0.0069	0.0026	2F9-1	0.28518
2F9	0.57035	DIS	Max	0.005	-0.0017	2F9-1	0.57035
2F9	0.	DIS	Min	-0.0192	-7.940E-04	2F9-1	0.
2F9	0.28518	DIS	Min	-0.0071	-0.0013	2F9-1	0.28518
2F9	0.57035	DIS	Min	-0.0042	-0.008	2F9-1	0.57035
2FA	0.	DIS	Max	0.0145	0.0045	2FA-1	0.
2FA	0.28518	DIS	Max	0.0058	0.0027	2FA-1	0.28518
2FA	0.57035	DIS	Max	0.0031	0.0034	2FA-1	0.57035
2FA	0.	DIS	Min	-0.0144	-0.0052	2FA-1	0.
2FA	0.28518	DIS	Min	-0.0057	-0.0017	2FA-1	0.28518
2FA	0.57035	DIS	Min	-0.003	1.959E-05	2FA-1	0.57035
2FB	0.	DIS	Max	0.0172	0.0028	2FB-1	0.
2FB	0.28518	DIS	Max	0.0065	0.002	2FB-1	0.28518
2FB	0.57035	DIS	Max	0.0043	0.0013	2FB-1	0.57035
2FB	0.	DIS	Min	-0.0171	-0.004	2FB-1	0.
2FB	0.28518	DIS	Min	-0.0064	-0.0017	2FB-1	0.28518
2FB	0.57035	DIS	Min	-0.0043	-2.357E-04	2FB-1	0.57035
2FC	0.	DIS	Max	0.0136	0.0041	2FC-1	0.
2FC	0.28518	DIS	Max	0.0054	0.0023	2FC-1	0.28518
2FC	0.57035	DIS	Max	0.0029	7.003E-04	2FC-1	0.57035
2FC	0.	DIS	Min	-0.0136	-0.0046	2FC-1	0.
2FC	0.28518	DIS	Min	-0.0054	-0.0018	2FC-1	0.28518
2FC	0.57035	DIS	Min	-0.0029	-3.896E-04	2FC-1	0.57035
2FD	0.	DIS	Max	0.0159	0.0031	2FD-1	0.
2FD	0.28518	DIS	Max	0.006	0.002	2FD-1	0.28518
2FD	0.57035	DIS	Max	0.0041	5.130E-04	2FD-1	0.57035
2FD	0.	DIS	Min	-0.016	-0.0033	2FD-1	0.
2FD	0.28518	DIS	Min	-0.006	-0.0015	2FD-1	0.28518
2FD	0.57035	DIS	Min	-0.004	-3.541E-04	2FD-1	0.57035
2FE	0.	DIS	Max	0.0126	0.0037	2FE-1	0.
2FE	0.28518	DIS	Max	0.005	0.0021	2FE-1	0.28518
2FE	0.57035	DIS	Max	0.0027	9.523E-04	2FE-1	0.57035
2FE	0.	DIS	Min	-0.0125	-0.0042	2FE-1	0.
2FE	0.28518	DIS	Min	-0.0049	-0.0016	2FE-1	0.28518
2FE	0.57035	DIS	Min	-0.0027	-2.808E-04	2FE-1	0.57035
2FF	0.	DIS	Max	0.0146	0.0028	2FF-1	0.
2FF	0.28518	DIS	Max	0.0054	0.0018	2FF-1	0.28518
2FF	0.57035	DIS	Max	0.0038	7.786E-04	2FF-1	0.57035
2FF	0.	DIS	Min	-0.0147	-0.0032	2FF-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
2FF	0.28518	DIS	Min	-0.0054	-0.0014	2FF-1	0.28518
2FF	0.57035	DIS	Min	-0.0038	-2.345E-04	2FF-1	0.57035
300	0.	DIS	Max	0.0114	0.0033	300-1	0.
300	0.28518	DIS	Max	0.0045	0.002	300-1	0.28518
300	0.57035	DIS	Max	0.0025	9.383E-04	300-1	0.57035
300	0.	DIS	Min	-0.0114	-0.0038	300-1	0.
300	0.28518	DIS	Min	-0.0045	-0.0014	300-1	0.28518
300	0.57035	DIS	Min	-0.0025	-2.199E-04	300-1	0.57035
301	0.	DIS	Max	0.0132	0.0026	301-1	0.
301	0.28518	DIS	Max	0.0049	0.0017	301-1	0.28518
301	0.57035	DIS	Max	0.0035	8.796E-04	301-1	0.57035
301	0.	DIS	Min	-0.0133	-0.003	301-1	0.
301	0.28518	DIS	Min	-0.0049	-0.0012	301-1	0.28518
301	0.57035	DIS	Min	-0.0035	-1.660E-04	301-1	0.57035
302	0.	DIS	Max	0.0103	0.0029	302-1	0.
302	0.28518	DIS	Max	0.0041	0.0018	302-1	0.28518
302	0.57035	DIS	Max	0.0022	8.800E-04	302-1	0.57035
302	0.	DIS	Min	-0.0102	-0.0033	302-1	0.
302	0.28518	DIS	Min	-0.004	-0.0013	302-1	0.28518
302	0.57035	DIS	Min	-0.0022	-1.676E-04	302-1	0.57035
303	0.	DIS	Max	0.0117	0.0024	303-1	0.
303	0.28518	DIS	Max	0.0043	0.0016	303-1	0.28518
303	0.57035	DIS	Max	0.0032	9.388E-04	303-1	0.57035
303	0.	DIS	Min	-0.0118	-0.0028	303-1	0.
303	0.28518	DIS	Min	-0.0043	-0.0011	303-1	0.28518
303	0.57035	DIS	Min	-0.0032	-1.223E-04	303-1	0.57035
304	0.	DIS	Max	0.009	0.0025	304-1	0.
304	0.28518	DIS	Max	0.0036	0.0016	304-1	0.28518
304	0.57035	DIS	Max	0.0019	7.765E-04	304-1	0.57035
304	0.	DIS	Min	-0.0089	-0.0028	304-1	0.
304	0.28518	DIS	Min	-0.0035	-0.0011	304-1	0.28518
304	0.57035	DIS	Min	-0.002	-1.249E-04	304-1	0.57035
305	0.	DIS	Max	0.0102	0.0021	305-1	0.
305	0.28518	DIS	Max	0.0037	0.0014	305-1	0.28518
305	0.57035	DIS	Max	0.0029	9.450E-04	305-1	0.57035
305	0.	DIS	Min	-0.0102	-0.0026	305-1	0.
305	0.28518	DIS	Min	-0.0037	-9.009E-04	305-1	0.28518
305	0.57035	DIS	Min	-0.0029	-1.148E-04	305-1	0.57035
30B	0.	DIS	Max	0.0076	0.002	30B-1	0.
30B	0.28518	DIS	Max	0.003	0.0013	30B-1	0.28518
30B	0.57035	DIS	Max	0.0015	5.286E-04	30B-1	0.57035
30B	0.	DIS	Min	-0.0075	-0.0023	30B-1	0.
30B	0.28518	DIS	Min	-0.003	-8.660E-04	30B-1	0.28518
30B	0.57035	DIS	Min	-0.0016	-1.324E-04	30B-1	0.57035
30C	0.	DIS	Max	0.0085	0.0018	30C-1	0.
30C	0.28518	DIS	Max	0.003	0.0012	30C-1	0.28518
30C	0.57035	DIS	Max	0.0026	7.638E-04	30C-1	0.57035
30C	0.	DIS	Min	-0.0086	-0.0023	30C-1	0.
30C	0.28518	DIS	Min	-0.003	-7.539E-04	30C-1	0.28518
30C	0.57035	DIS	Min	-0.0025	-1.716E-04	30C-1	0.57035
30D	0.	DIS	Max	0.0058	0.0011	30D-1	0.
30D	0.28518	DIS	Max	0.0023	9.866E-04	30D-1	0.28518
30D	0.57035	DIS	Max	0.0012	0.0012	30D-1	0.57035
30D	0.	DIS	Min	-0.0058	-0.0022	30D-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
30D	0.28518	DIS	Min	-0.0023	-7.193E-04	30D-1	0.28518
30D	0.57035	DIS	Min	-0.0011	2.864E-05	30D-1	0.57035
30E	0.	DIS	Max	0.0068	0.0014	30E-1	0.
30E	0.28518	DIS	Max	0.0022	0.0015	30E-1	0.28518
30E	0.57035	DIS	Max	0.0019	0.0029	30E-1	0.57035
30E	0.	DIS	Min	-0.0065	-0.002	30E-1	0.
30E	0.28518	DIS	Min	-0.0024	-2.497E-04	30E-1	0.28518
30E	0.57035	DIS	Min	-0.0025	6.414E-05	30E-1	0.57035
30F	0.	DIS	Max	0.0052	0.0103	30F-1	0.
30F	0.28518	DIS	Max	0.0017	0.002	30F-1	0.28518
30F	0.57035	DIS	Max	4.091E-04	-0.0016	30F-1	0.57035
30F	0.	DIS	Min	-0.0038	0.0014	30F-1	0.
30F	0.28518	DIS	Min	-0.0018	-4.175E-06	30F-1	0.28518
30F	0.57035	DIS	Min	-0.0026	-0.007	30F-1	0.57035
310	0.	DIS	Max	0.0026	0.0045	310-1	0.
310	0.28518	DIS	Max	0.0054	-0.0012	310-1	0.28518
310	0.57035	DIS	Max	0.0192	-0.0031	310-1	0.57035
310	0.	DIS	Min	-0.0085	-3.724E-04	310-1	0.
310	0.28518	DIS	Min	-4.056E-04	-0.0089	310-1	0.28518
310	0.57035	DIS	Min	0.0024	-0.023	310-1	0.57035
311	0.	DIS	Max	-0.0017	-0.0129	311-1	0.
311	0.28518	DIS	Max	0.0014	-4.429E-04	311-1	0.28518
311	0.57035	DIS	Max	0.0161	0.055	311-1	0.57035
311	0.	DIS	Min	-0.0142	-0.0653	311-1	0.
311	0.28518	DIS	Min	-8.376E-04	-0.0049	311-1	0.28518
311	0.57035	DIS	Min	0.0031	0.0096	311-1	0.57035
312	0.	DIS	Max	0.1449	-1.404E-04	312-1	0.
312	0.28518	DIS	Max	0.0394	0.1	312-1	0.28518
312	0.57035	DIS	Max	-0.0079	0.2715	312-1	0.57035
312	0.	DIS	Min	0.0247	-0.072	312-1	0.
312	0.28518	DIS	Min	0.0071	0.0137	312-1	0.28518
312	0.57035	DIS	Min	-0.0662	0.0272	312-1	0.57035
320	0.	DIS	Max	0.0065	0.0175	320-1	0.
320	0.28	DIS	Max	0.0043	-0.0034	320-1	0.28
320	0.56	DIS	Max	0.0149	-0.0118	320-1	0.56
320	0.	DIS	Min	-0.0066	0.004	320-1	0.
320	0.28	DIS	Min	-0.0043	-0.0148	320-1	0.28
320	0.56	DIS	Min	-0.0148	-0.0483	320-1	0.56
321	0.	DIS	Max	0.0038	-8.191E-04	321-1	0.
321	0.28	DIS	Max	4.457E-04	0.0035	321-1	0.28
321	0.56	DIS	Max	0.0041	0.0084	321-1	0.56
321	0.	DIS	Min	-0.0038	-0.0026	321-1	0.
321	0.28	DIS	Min	-4.461E-04	9.682E-04	321-1	0.28
321	0.56	DIS	Min	-0.0041	0.0018	321-1	0.56
322	0.	DIS	Max	0.0048	0.0014	322-1	0.
322	0.28	DIS	Max	6.152E-04	7.180E-04	322-1	0.28
322	0.56	DIS	Max	0.0058	-5.013E-04	322-1	0.56
322	0.	DIS	Min	-0.0048	9.385E-05	322-1	0.
322	0.28	DIS	Min	-6.125E-04	2.714E-04	322-1	0.28
322	0.56	DIS	Min	-0.0058	-0.0012	322-1	0.56
323	0.	DIS	Max	0.0056	7.985E-04	323-1	0.
323	0.28	DIS	Max	0.0012	0.0012	323-1	0.28
323	0.56	DIS	Max	0.0077	4.161E-04	323-1	0.56
323	0.	DIS	Min	-0.0056	-4.895E-05	323-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
323	0.28	DIS	Min	-0.0012	3.988E-04	323-1	0.28
323	0.56	DIS	Min	-0.0077	-1.742E-04	323-1	0.56
324	0.	DIS	Max	0.0061	8.004E-04	324-1	0.
324	0.28	DIS	Max	0.0018	0.0013	324-1	0.28
324	0.56	DIS	Max	0.0094	4.927E-04	324-1	0.56
324	0.	DIS	Min	-0.0061	-4.365E-05	324-1	0.
324	0.28	DIS	Min	-0.0018	4.067E-04	324-1	0.28
324	0.56	DIS	Min	-0.0094	-1.443E-04	324-1	0.56
325	0.	DIS	Max	0.0066	6.792E-04	325-1	0.
325	0.28	DIS	Max	0.0025	0.0013	325-1	0.28
325	0.56	DIS	Max	0.0111	6.782E-04	325-1	0.56
325	0.	DIS	Min	-0.0066	-8.043E-05	325-1	0.
325	0.28	DIS	Min	-0.0025	4.156E-04	325-1	0.28
325	0.56	DIS	Min	-0.0111	-8.712E-05	325-1	0.56
326	0.	DIS	Max	0.0071	4.913E-04	326-1	0.
326	0.28	DIS	Max	0.0032	0.0013	326-1	0.28
326	0.56	DIS	Max	0.0127	8.009E-04	326-1	0.56
326	0.	DIS	Min	-0.0071	-1.447E-04	326-1	0.
326	0.28	DIS	Min	-0.0032	4.095E-04	326-1	0.28
326	0.56	DIS	Min	-0.0127	-4.738E-05	326-1	0.56
327	0.	DIS	Max	0.0076	4.324E-04	327-1	0.
327	0.28	DIS	Max	0.0039	0.0013	327-1	0.28
327	0.56	DIS	Max	0.0143	7.924E-04	327-1	0.56
327	0.	DIS	Min	-0.0075	-1.678E-04	327-1	0.
327	0.28	DIS	Min	-0.0039	4.025E-04	327-1	0.28
327	0.56	DIS	Min	-0.0143	-4.804E-05	327-1	0.56
328	0.	DIS	Max	0.008	-5.077E-04	328-1	0.
328	0.28	DIS	Max	0.0047	6.871E-04	328-1	0.28
328	0.56	DIS	Max	0.016	0.0014	328-1	0.56
328	0.	DIS	Min	-0.008	-0.0013	328-1	0.
328	0.28	DIS	Min	-0.0047	2.614E-04	328-1	0.28
328	0.56	DIS	Min	-0.016	1.096E-04	328-1	0.56
329	0.	DIS	Max	0.0073	0.0091	329-1	0.
329	0.28	DIS	Max	0.0058	0.0038	329-1	0.28
329	0.56	DIS	Max	0.0172	-8.860E-04	329-1	0.56
329	0.	DIS	Min	-0.0073	0.002	329-1	0.
329	0.28	DIS	Min	-0.0058	0.001	329-1	0.28
329	0.56	DIS	Min	-0.0172	-0.0029	329-1	0.56
32A	0.	DIS	Max	0.0146	-0.0129	32A-1	0.
32A	0.28	DIS	Max	0.0045	-0.0038	32A-1	0.28
32A	0.56	DIS	Max	0.0213	0.0192	32A-1	0.56
32A	0.	DIS	Min	-0.0145	-0.0528	32A-1	0.
32A	0.28	DIS	Min	-0.0045	-0.0162	32A-1	0.28
32A	0.56	DIS	Min	-0.0213	0.0044	32A-1	0.56
34F	0.	DIS	Max	0.0672	0.2772	34F-1	0.
34F	0.28	DIS	Max	0.0071	0.1004	34F-1	0.28
34F	0.56	DIS	Max	0.0546	-0.0201	34F-1	0.56
34F	0.	DIS	Min	-0.066	0.0373	34F-1	0.
34F	0.28	DIS	Min	-0.0065	0.0164	34F-1	0.28
34F	0.56	DIS	Min	-0.0544	-0.1461	34F-1	0.56
350	0.	DIS	Max	0.0623	-0.0111	350-1	0.
350	0.28	DIS	Max	0.0058	0.0026	350-1	0.28
350	0.56	DIS	Max	0.0526	0.0015	350-1	0.56
350	0.	DIS	Min	-0.0632	-0.0563	350-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
350	0.28	DIS	Min	-0.0061	-3.075E-04	350-1	0.28
350	0.56	DIS	Min	-0.0523	-0.0081	350-1	0.56
351	0.	DIS	Max	0.059	-7.367E-04	351-1	0.
351	0.28	DIS	Max	0.0052	0.0133	351-1	0.28
351	0.56	DIS	Max	0.0501	-0.0017	351-1	0.56
351	0.	DIS	Min	-0.0589	-0.0196	351-1	0.
351	0.28	DIS	Min	-0.0051	0.0029	351-1	0.28
351	0.56	DIS	Min	-0.0502	-0.0234	351-1	0.56
352	0.	DIS	Max	0.0546	-0.002	352-1	0.
352	0.28	DIS	Max	0.0043	0.0125	352-1	0.28
352	0.56	DIS	Max	0.0472	-0.0016	352-1	0.56
352	0.	DIS	Min	-0.0546	-0.0228	352-1	0.
352	0.28	DIS	Min	-0.0043	0.0027	352-1	0.28
352	0.56	DIS	Min	-0.0472	-0.0219	352-1	0.56
353	0.	DIS	Max	0.0499	-0.0021	353-1	0.
353	0.28	DIS	Max	0.0035	0.0127	353-1	0.28
353	0.56	DIS	Max	0.0438	-0.0019	353-1	0.56
353	0.	DIS	Min	-0.0499	-0.0223	353-1	0.
353	0.28	DIS	Min	-0.0035	0.0028	353-1	0.28
353	0.56	DIS	Min	-0.0438	-0.022	353-1	0.56
354	0.	DIS	Max	0.045	-0.0024	354-1	0.
354	0.28	DIS	Max	0.0028	0.0127	354-1	0.28
354	0.56	DIS	Max	0.0402	-0.0022	354-1	0.56
354	0.	DIS	Min	-0.045	-0.0222	354-1	0.
354	0.28	DIS	Min	-0.0028	0.0028	354-1	0.28
354	0.56	DIS	Min	-0.0402	-0.0221	354-1	0.56
355	0.	DIS	Max	0.04	-0.0026	355-1	0.
355	0.28	DIS	Max	0.0021	0.0127	355-1	0.28
355	0.56	DIS	Max	0.0363	-0.0025	355-1	0.56
355	0.	DIS	Min	-0.04	-0.0221	355-1	0.
355	0.28	DIS	Min	-0.0021	0.0028	355-1	0.28
355	0.56	DIS	Min	-0.0363	-0.0222	355-1	0.56
356	0.	DIS	Max	0.0346	-0.0029	356-1	0.
356	0.28	DIS	Max	0.0014	0.0127	356-1	0.28
356	0.56	DIS	Max	0.0321	-0.0029	356-1	0.56
356	0.	DIS	Min	-0.0346	-0.022	356-1	0.
356	0.28	DIS	Min	-0.0014	0.0028	356-1	0.28
356	0.56	DIS	Min	-0.0321	-0.0223	356-1	0.56
357	0.	DIS	Max	0.0286	-0.0032	357-1	0.
357	0.28	DIS	Max	8.360E-04	0.0125	357-1	0.28
357	0.56	DIS	Max	0.0274	-0.0033	357-1	0.56
357	0.	DIS	Min	-0.0286	-0.0219	357-1	0.
357	0.28	DIS	Min	-8.063E-04	0.0027	357-1	0.28
357	0.56	DIS	Min	-0.0273	-0.0228	357-1	0.56
358	0.	DIS	Max	0.0221	-0.0039	358-1	0.
358	0.28	DIS	Max	2.591E-04	0.0131	358-1	0.28
358	0.56	DIS	Max	0.021	-0.0029	358-1	0.56
358	0.	DIS	Min	-0.0216	-0.0232	358-1	0.
358	0.28	DIS	Min	-5.694E-04	0.0028	358-1	0.28
358	0.56	DIS	Min	-0.0222	-0.0202	358-1	0.56
359	0.	DIS	Max	0.0119	-4.763E-04	359-1	0.
359	0.28	DIS	Max	0.0062	0.0039	359-1	0.28
359	0.56	DIS	Max	0.022	-0.0095	359-1	0.56
359	0.	DIS	Min	-0.0174	-0.0099	359-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
359	0.28	DIS	Min	7.619E-04	-1.143E-05	359-1	0.28
359	0.56	DIS	Min	-0.0093	-0.0519	359-1	0.56
35A	0.	DIS	Max	0.1062	-0.0164	35A-1	0.
35A	0.28	DIS	Max	0.0545	0.104	35A-1	0.28
35A	0.56	DIS	Max	0.0027	0.272	35A-1	0.56
35A	0.	DIS	Min	0.0069	-0.1336	35A-1	0.
35A	0.28	DIS	Min	0.004	0.0132	35A-1	0.28
35A	0.56	DIS	Min	-4.105E-04	0.0271	35A-1	0.56
35B	0.	DIS	Max	0.0017	0.5527	35B-1	0.
35B	0.16	DIS	Max	1.365E-14	7.785E-16	35B-1	0.16
35B	0.	DIS	Min	-0.0017	0.0556	35B-1	0.
35B	0.16	DIS	Min	-1.331E-14	-2.608E-16	35B-1	0.16
35C	0.	DIS	Max	5.885E-17	1.665E-16	35C-1	0.
35C	0.16	DIS	Max	0.0536	0.5601	35C-1	0.16
35C	0.	DIS	Min	-5.885E-17	-1.092E-16	35C-1	0.
35C	0.16	DIS	Min	-0.0579	0.0232	35C-1	0.16
35D	0.	DIS	Max	0.066	0.2771	35D-1	0.
35D	0.28	DIS	Max	0.0065	0.1003	35D-1	0.28
35D	0.56	DIS	Max	0.0545	-0.0201	35D-1	0.56
35D	0.	DIS	Min	-0.0672	0.0373	35D-1	0.
35D	0.28	DIS	Min	-0.0071	0.0164	35D-1	0.28
35D	0.56	DIS	Min	-0.0545	-0.1461	35D-1	0.56
35E	0.	DIS	Max	0.0631	-0.0111	35E-1	0.
35E	0.28	DIS	Max	0.0061	0.0026	35E-1	0.28
35E	0.56	DIS	Max	0.0523	0.0015	35E-1	0.56
35E	0.	DIS	Min	-0.0624	-0.0563	35E-1	0.
35E	0.28	DIS	Min	-0.0058	-3.089E-04	35E-1	0.28
35E	0.56	DIS	Min	-0.0525	-0.0082	35E-1	0.56
35F	0.	DIS	Max	0.0589	-7.407E-04	35F-1	0.
35F	0.28	DIS	Max	0.0051	0.0133	35F-1	0.28
35F	0.56	DIS	Max	0.0502	-0.0017	35F-1	0.56
35F	0.	DIS	Min	-0.0591	-0.0196	35F-1	0.
35F	0.28	DIS	Min	-0.0051	0.0029	35F-1	0.28
35F	0.56	DIS	Min	-0.0501	-0.0234	35F-1	0.56
360	0.	DIS	Max	0.0546	-0.002	360-1	0.
360	0.28	DIS	Max	0.0043	0.0125	360-1	0.28
360	0.56	DIS	Max	0.0472	-0.0016	360-1	0.56
360	0.	DIS	Min	-0.0546	-0.0228	360-1	0.
360	0.28	DIS	Min	-0.0043	0.0027	360-1	0.28
360	0.56	DIS	Min	-0.0472	-0.0219	360-1	0.56
361	0.	DIS	Max	0.0499	-0.0021	361-1	0.
361	0.28	DIS	Max	0.0035	0.0127	361-1	0.28
361	0.56	DIS	Max	0.0439	-0.0019	361-1	0.56
361	0.	DIS	Min	-0.05	-0.0223	361-1	0.
361	0.28	DIS	Min	-0.0035	0.0028	361-1	0.28
361	0.56	DIS	Min	-0.0438	-0.022	361-1	0.56
362	0.	DIS	Max	0.045	-0.0024	362-1	0.
362	0.28	DIS	Max	0.0028	0.0127	362-1	0.28
362	0.56	DIS	Max	0.0402	-0.0022	362-1	0.56
362	0.	DIS	Min	-0.045	-0.0222	362-1	0.
362	0.28	DIS	Min	-0.0028	0.0028	362-1	0.28
362	0.56	DIS	Min	-0.0402	-0.0221	362-1	0.56
363	0.	DIS	Max	0.04	-0.0026	363-1	0.
363	0.28	DIS	Max	0.0021	0.0127	363-1	0.28

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
363	0.56	DIS	Max	0.0363	-0.0025	363-1	0.56
363	0.	DIS	Min	-0.04	-0.0221	363-1	0.
363	0.28	DIS	Min	-0.0021	0.0028	363-1	0.28
363	0.56	DIS	Min	-0.0363	-0.0222	363-1	0.56
364	0.	DIS	Max	0.0346	-0.0029	364-1	0.
364	0.28	DIS	Max	0.0014	0.0127	364-1	0.28
364	0.56	DIS	Max	0.0321	-0.0029	364-1	0.56
364	0.	DIS	Min	-0.0346	-0.022	364-1	0.
364	0.28	DIS	Min	-0.0014	0.0028	364-1	0.28
364	0.56	DIS	Min	-0.0321	-0.0223	364-1	0.56
365	0.	DIS	Max	0.0287	-0.0032	365-1	0.
365	0.28	DIS	Max	8.086E-04	0.0125	365-1	0.28
365	0.56	DIS	Max	0.0273	-0.0033	365-1	0.56
365	0.	DIS	Min	-0.0286	-0.0219	365-1	0.
365	0.28	DIS	Min	-8.329E-04	0.0027	365-1	0.28
365	0.56	DIS	Min	-0.0274	-0.0228	365-1	0.56
366	0.	DIS	Max	0.0216	-0.0039	366-1	0.
366	0.28	DIS	Max	5.721E-04	0.0131	366-1	0.28
366	0.56	DIS	Max	0.0221	-0.0029	366-1	0.56
366	0.	DIS	Min	-0.0221	-0.0232	366-1	0.
366	0.28	DIS	Min	-2.572E-04	0.0028	366-1	0.28
366	0.56	DIS	Min	-0.0211	-0.0202	366-1	0.56
367	0.	DIS	Max	0.0174	-4.756E-04	367-1	0.
367	0.28	DIS	Max	-7.614E-04	0.0039	367-1	0.28
367	0.56	DIS	Max	0.0093	-0.0095	367-1	0.56
367	0.	DIS	Min	-0.0119	-0.0099	367-1	0.
367	0.28	DIS	Min	-0.0062	-1.429E-05	367-1	0.28
367	0.56	DIS	Min	-0.022	-0.0519	367-1	0.56
368	0.	DIS	Max	-0.0068	-0.0164	368-1	0.
368	0.28	DIS	Max	-0.004	0.104	368-1	0.28
368	0.56	DIS	Max	4.072E-04	0.2721	368-1	0.56
368	0.	DIS	Min	-0.1059	-0.1337	368-1	0.
368	0.28	DIS	Min	-0.0543	0.0132	368-1	0.28
368	0.56	DIS	Min	-0.0028	0.0272	368-1	0.56
369	0.	DIS	Max	0.0017	0.5529	369-1	0.
369	0.16	DIS	Max	1.457E-14	3.111E-16	369-1	0.16
369	0.	DIS	Min	-0.0017	0.0557	369-1	0.
369	0.16	DIS	Min	-1.491E-14	-1.816E-16	369-1	0.16
36A	0.	DIS	Max	5.253E-17	1.665E-16	36A-1	0.
36A	0.16	DIS	Max	0.0579	0.56	36A-1	0.16
36A	0.	DIS	Min	-5.207E-17	-1.776E-16	36A-1	0.
36A	0.16	DIS	Min	-0.0536	0.0232	36A-1	0.16
3D9	0.	DIS	Max	0.019	-0.0051	3D9-1	0.
3D9	0.28517	DIS	Max	0.003	0.0908	3D9-1	0.28517
3D9	0.57034	DIS	Max	-0.0079	0.2795	3D9-1	0.57034
3D9	0.	DIS	Min	-0.0093	-0.0986	3D9-1	0.
3D9	0.28517	DIS	Min	-0.0152	0.0169	3D9-1	0.28517
3D9	0.57034	DIS	Min	-0.0472	0.0393	3D9-1	0.57034
3DA	0.	DIS	Max	0.0106	-0.0154	3DA-1	0.
3DA	0.28517	DIS	Max	0.0053	0.0011	3DA-1	0.28517
3DA	0.57034	DIS	Max	0.0096	0.0609	3DA-1	0.57034
3DA	0.	DIS	Min	-0.0172	-0.0718	3DA-1	0.
3DA	0.28517	DIS	Min	-0.0059	-0.0051	3DA-1	0.28517
3DA	0.57034	DIS	Min	-1.230E-04	0.0117	3DA-1	0.57034

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
3DB	0.	DIS	Max	0.0158	0.0066	3DB-1	0.
3DB	0.28517	DIS	Max	0.0067	3.200E-04	3DB-1	0.28517
3DB	0.57034	DIS	Max	0.0048	-0.0051	3DB-1	0.57034
3DB	0.	DIS	Min	-0.0162	-0.0026	3DB-1	0.
3DB	0.28517	DIS	Min	-0.0058	-0.0105	3DB-1	0.28517
3DB	0.57034	DIS	Min	-0.0028	-0.0282	3DB-1	0.57034
3DC	0.	DIS	Max	0.0192	0.0114	3DC-1	0.
3DC	0.28517	DIS	Max	0.0071	0.0026	3DC-1	0.28517
3DC	0.57034	DIS	Max	0.0042	-0.0017	3DC-1	0.57034
3DC	0.	DIS	Min	-0.018	-7.821E-04	3DC-1	0.
3DC	0.28517	DIS	Min	-0.0069	-0.0013	3DC-1	0.28517
3DC	0.57034	DIS	Min	-0.005	-0.008	3DC-1	0.57034
3DD	0.	DIS	Max	0.0144	0.0045	3DD-1	0.
3DD	0.28517	DIS	Max	0.0057	0.0027	3DD-1	0.28517
3DD	0.57034	DIS	Max	0.003	0.0034	3DD-1	0.57034
3DD	0.	DIS	Min	-0.0145	-0.0052	3DD-1	0.
3DD	0.28517	DIS	Min	-0.0058	-0.0017	3DD-1	0.28517
3DD	0.57034	DIS	Min	-0.0031	1.652E-05	3DD-1	0.57034
3DE	0.	DIS	Max	0.0171	0.0028	3DE-1	0.
3DE	0.28517	DIS	Max	0.0064	0.002	3DE-1	0.28517
3DE	0.57034	DIS	Max	0.0043	0.0013	3DE-1	0.57034
3DE	0.	DIS	Min	-0.0172	-0.004	3DE-1	0.
3DE	0.28517	DIS	Min	-0.0065	-0.0017	3DE-1	0.28517
3DE	0.57034	DIS	Min	-0.0043	-2.333E-04	3DE-1	0.57034
3DF	0.	DIS	Max	0.0136	0.0041	3DF-1	0.
3DF	0.28517	DIS	Max	0.0054	0.0022	3DF-1	0.28517
3DF	0.57034	DIS	Max	0.0029	6.982E-04	3DF-1	0.57034
3DF	0.	DIS	Min	-0.0136	-0.0046	3DF-1	0.
3DF	0.28517	DIS	Min	-0.0054	-0.0018	3DF-1	0.28517
3DF	0.57034	DIS	Min	-0.0029	-3.918E-04	3DF-1	0.57034
3E0	0.	DIS	Max	0.016	0.0031	3E0-1	0.
3E0	0.28517	DIS	Max	0.006	0.002	3E0-1	0.28517
3E0	0.57034	DIS	Max	0.004	5.120E-04	3E0-1	0.57034
3E0	0.	DIS	Min	-0.016	-0.0033	3E0-1	0.
3E0	0.28517	DIS	Min	-0.006	-0.0015	3E0-1	0.28517
3E0	0.57034	DIS	Min	-0.0041	-3.522E-04	3E0-1	0.57034
3E1	0.	DIS	Max	0.0125	0.0037	3E1-1	0.
3E1	0.28517	DIS	Max	0.0049	0.0021	3E1-1	0.28517
3E1	0.57034	DIS	Max	0.0027	9.502E-04	3E1-1	0.57034
3E1	0.	DIS	Min	-0.0126	-0.0042	3E1-1	0.
3E1	0.28517	DIS	Min	-0.005	-0.0016	3E1-1	0.28517
3E1	0.57034	DIS	Min	-0.0027	-2.826E-04	3E1-1	0.57034
3E2	0.	DIS	Max	0.0147	0.0028	3E2-1	0.
3E2	0.28517	DIS	Max	0.0054	0.0018	3E2-1	0.28517
3E2	0.57034	DIS	Max	0.0038	7.775E-04	3E2-1	0.57034
3E2	0.	DIS	Min	-0.0146	-0.0032	3E2-1	0.
3E2	0.28517	DIS	Min	-0.0054	-0.0013	3E2-1	0.28517
3E2	0.57034	DIS	Min	-0.0038	-2.330E-04	3E2-1	0.57034
3E3	0.	DIS	Max	0.0114	0.0033	3E3-1	0.
3E3	0.28517	DIS	Max	0.0045	0.002	3E3-1	0.28517
3E3	0.57034	DIS	Max	0.0025	9.363E-04	3E3-1	0.57034
3E3	0.	DIS	Min	-0.0115	-0.0037	3E3-1	0.
3E3	0.28517	DIS	Min	-0.0045	-0.0014	3E3-1	0.28517
3E3	0.57034	DIS	Min	-0.0025	-2.214E-04	3E3-1	0.57034

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
3E4	0.	DIS	Max	0.0133	0.0026	3E4-1	0.
3E4	0.28517	DIS	Max	0.0049	0.0017	3E4-1	0.28517
3E4	0.57034	DIS	Max	0.0035	8.784E-04	3E4-1	0.57034
3E4	0.	DIS	Min	-0.0132	-0.003	3E4-1	0.
3E4	0.28517	DIS	Min	-0.0049	-0.0012	3E4-1	0.28517
3E4	0.57034	DIS	Min	-0.0035	-1.650E-04	3E4-1	0.57034
3E5	0.	DIS	Max	0.0102	0.0029	3E5-1	0.
3E5	0.28517	DIS	Max	0.004	0.0018	3E5-1	0.28517
3E5	0.57034	DIS	Max	0.0022	8.780E-04	3E5-1	0.57034
3E5	0.	DIS	Min	-0.0103	-0.0033	3E5-1	0.
3E5	0.28517	DIS	Min	-0.0041	-0.0013	3E5-1	0.28517
3E5	0.57034	DIS	Min	-0.0022	-1.688E-04	3E5-1	0.57034
3E6	0.	DIS	Max	0.0118	0.0024	3E6-1	0.
3E6	0.28517	DIS	Max	0.0043	0.0016	3E6-1	0.28517
3E6	0.57034	DIS	Max	0.0032	9.375E-04	3E6-1	0.57034
3E6	0.	DIS	Min	-0.0117	-0.0028	3E6-1	0.
3E6	0.28517	DIS	Min	-0.0043	-0.0011	3E6-1	0.28517
3E6	0.57034	DIS	Min	-0.0032	-1.218E-04	3E6-1	0.57034
3E7	0.	DIS	Max	0.009	0.0025	3E7-1	0.
3E7	0.28517	DIS	Max	0.0035	0.0016	3E7-1	0.28517
3E7	0.57034	DIS	Max	0.0019	7.747E-04	3E7-1	0.57034
3E7	0.	DIS	Min	-0.009	-0.0028	3E7-1	0.
3E7	0.28517	DIS	Min	-0.0036	-0.0011	3E7-1	0.28517
3E7	0.57034	DIS	Min	-0.0019	-1.256E-04	3E7-1	0.57034
3E8	0.	DIS	Max	0.0102	0.0021	3E8-1	0.
3E8	0.28517	DIS	Max	0.0037	0.0014	3E8-1	0.28517
3E8	0.57034	DIS	Max	0.0029	9.437E-04	3E8-1	0.57034
3E8	0.	DIS	Min	-0.0102	-0.0026	3E8-1	0.
3E8	0.28517	DIS	Min	-0.0037	-8.978E-04	3E8-1	0.28517
3E8	0.57034	DIS	Min	-0.0029	-1.150E-04	3E8-1	0.57034
3E9	0.	DIS	Max	0.0075	0.002	3E9-1	0.
3E9	0.28517	DIS	Max	0.003	0.0013	3E9-1	0.28517
3E9	0.57034	DIS	Max	0.0016	5.268E-04	3E9-1	0.57034
3E9	0.	DIS	Min	-0.0076	-0.0023	3E9-1	0.
3E9	0.28517	DIS	Min	-0.003	-8.628E-04	3E9-1	0.28517
3E9	0.57034	DIS	Min	-0.0015	-1.323E-04	3E9-1	0.57034
3EA	0.	DIS	Max	0.0086	0.0018	3EA-1	0.
3EA	0.28517	DIS	Max	0.003	0.0012	3EA-1	0.28517
3EA	0.57034	DIS	Max	0.0025	7.622E-04	3EA-1	0.57034
3EA	0.	DIS	Min	-0.0085	-0.0023	3EA-1	0.
3EA	0.28517	DIS	Min	-0.003	-7.517E-04	3EA-1	0.28517
3EA	0.57034	DIS	Min	-0.0026	-1.720E-04	3EA-1	0.57034
3EB	0.	DIS	Max	0.0058	0.0011	3EB-1	0.
3EB	0.28517	DIS	Max	0.0023	9.854E-04	3EB-1	0.28517
3EB	0.57034	DIS	Max	0.0011	0.0012	3EB-1	0.57034
3EB	0.	DIS	Min	-0.0058	-0.0022	3EB-1	0.
3EB	0.28517	DIS	Min	-0.0023	-7.163E-04	3EB-1	0.28517
3EB	0.57034	DIS	Min	-0.0012	2.983E-05	3EB-1	0.57034
3EC	0.	DIS	Max	0.0065	0.0014	3EC-1	0.
3EC	0.28517	DIS	Max	0.0024	0.0015	3EC-1	0.28517
3EC	0.57034	DIS	Max	0.0025	0.0029	3EC-1	0.57034
3EC	0.	DIS	Min	-0.0067	-0.002	3EC-1	0.
3EC	0.28517	DIS	Min	-0.0022	-2.483E-04	3EC-1	0.28517
3EC	0.57034	DIS	Min	-0.0019	6.422E-05	3EC-1	0.57034

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
3ED	0.	DIS	Max	0.0038	0.0104	3ED-1	0.
3ED	0.28517	DIS	Max	0.0018	0.002	3ED-1	0.28517
3ED	0.57034	DIS	Max	0.0025	-0.0017	3ED-1	0.57034
3ED	0.	DIS	Min	-0.0052	0.0014	3ED-1	0.
3ED	0.28517	DIS	Min	-0.0017	-1.654E-06	3ED-1	0.28517
3ED	0.57034	DIS	Min	-4.136E-04	-0.007	3ED-1	0.57034
3EE	0.	DIS	Max	0.0085	0.0045	3EE-1	0.
3EE	0.28517	DIS	Max	4.111E-04	-0.0012	3EE-1	0.28517
3EE	0.57034	DIS	Max	-0.0025	-0.0031	3EE-1	0.57034
3EE	0.	DIS	Min	-0.0026	-3.705E-04	3EE-1	0.
3EE	0.28517	DIS	Min	-0.0054	-0.0089	3EE-1	0.28517
3EE	0.57034	DIS	Min	-0.0192	-0.0231	3EE-1	0.57034
3EF	0.	DIS	Max	0.0142	-0.0129	3EF-1	0.
3EF	0.28517	DIS	Max	8.400E-04	-4.400E-04	3EF-1	0.28517
3EF	0.57034	DIS	Max	-0.0031	0.055	3EF-1	0.57034
3EF	0.	DIS	Min	0.0017	-0.0653	3EF-1	0.
3EF	0.28517	DIS	Min	-0.0014	-0.0048	3EF-1	0.28517
3EF	0.57034	DIS	Min	-0.0161	0.0096	3EF-1	0.57034
3F0	0.	DIS	Max	0.1026	0.0019	3F0-1	0.
3F0	0.10692	DIS	Max	0.1026	0.0019	3F0-1	0.10692
3F0	0.	DIS	Min	-0.1026	-0.002	3F0-1	0.
3F0	0.10692	DIS	Min	-0.1026	-0.002	3F0-1	0.10692
3F1	0.	DIS	Max	0.0939	0.0015	3F1-1	0.
3F1	0.10692	DIS	Max	0.0939	0.0015	3F1-1	0.10692
3F1	0.	DIS	Min	-0.0939	-0.0016	3F1-1	0.
3F1	0.10692	DIS	Min	-0.0939	-0.0016	3F1-1	0.10692
3F2	0.	DIS	Max	0.0847	0.0012	3F2-1	0.
3F2	0.10692	DIS	Max	0.0847	0.0012	3F2-1	0.10692
3F2	0.	DIS	Min	-0.0847	-0.0013	3F2-1	0.
3F2	0.10692	DIS	Min	-0.0847	-0.0013	3F2-1	0.10692
3F3	0.	DIS	Max	0.0749	8.329E-04	3F3-1	0.
3F3	0.10692	DIS	Max	0.0749	8.346E-04	3F3-1	0.10692
3F3	0.	DIS	Min	-0.0749	-9.373E-04	3F3-1	0.
3F3	0.10692	DIS	Min	-0.0749	-9.350E-04	3F3-1	0.10692
3F4	0.	DIS	Max	0.0642	5.233E-04	3F4-1	0.
3F4	0.10692	DIS	Max	0.0642	5.248E-04	3F4-1	0.10692
3F4	0.	DIS	Min	-0.0642	-6.240E-04	3F4-1	0.
3F4	0.10692	DIS	Min	-0.0642	-6.219E-04	3F4-1	0.10692
3F5	0.	DIS	Max	0.0519	3.721E-04	3F5-1	0.
3F5	0.10692	DIS	Max	0.052	3.737E-04	3F5-1	0.10692
3F5	0.	DIS	Min	-0.0517	-4.691E-04	3F5-1	0.
3F5	0.10692	DIS	Min	-0.0516	-4.670E-04	3F5-1	0.10692
3F6	0.	DIS	Max	0.0361	5.416E-04	3F6-1	0.
3F6	0.10692	DIS	Max	0.0361	5.409E-04	3F6-1	0.10692
3F6	0.	DIS	Min	-0.0391	-2.266E-04	3F6-1	0.
3F6	0.10692	DIS	Min	-0.0391	-2.270E-04	3F6-1	0.10692
3F7	0.	DIS	Max	0.0599	0.012	3F7-1	0.
3F7	0.10692	DIS	Max	0.0604	0.012	3F7-1	0.10692
3F7	0.	DIS	Min	-0.0145	1.665E-04	3F7-1	0.
3F7	0.10692	DIS	Min	-0.0144	1.705E-04	3F7-1	0.10692
3F8	0.	DIS	Max	-0.0248	-1.762E-04	3F8-1	0.
3F8	0.28517	DIS	Max	-0.0071	0.1	3F8-1	0.28517
3F8	0.57034	DIS	Max	0.066	0.2716	3F8-1	0.57034
3F8	0.	DIS	Min	-0.1447	-0.0722	3F8-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
	m			KN-m	KN-m		m
3F8	0.28517	DIS	Min	-0.0393	0.0137	3F8-1	0.28517
3F8	0.57034	DIS	Min	0.0079	0.0273	3F8-1	0.57034
3F9	0.	DIS	Max	0.1251	0.0088	3F9-1	0.
3F9	0.10692	DIS	Max	0.125	0.0088	3F9-1	0.10692
3F9	0.	DIS	Min	-0.1293	-0.0134	3F9-1	0.
3F9	0.10692	DIS	Min	-0.1294	-0.0134	3F9-1	0.10692
3FA	0.	DIS	Max	0.125	0.0013	3FA-1	0.
3FA	0.10692	DIS	Max	0.1248	0.0013	3FA-1	0.10692
3FA	0.	DIS	Min	-0.1224	-0.0022	3FA-1	0.
3FA	0.10692	DIS	Min	-0.1225	-0.0022	3FA-1	0.10692
3FB	0.	DIS	Max	0.1174	0.0029	3FB-1	0.
3FB	0.10692	DIS	Max	0.1173	0.0029	3FB-1	0.10692
3FB	0.	DIS	Min	-0.1178	-0.0029	3FB-1	0.
3FB	0.10692	DIS	Min	-0.1179	-0.0029	3FB-1	0.10692
3FC	0.	DIS	Max	0.1108	0.0023	3FC-1	0.
3FC	0.10692	DIS	Max	0.1107	0.0023	3FC-1	0.10692
3FC	0.	DIS	Min	-0.1106	-0.0024	3FC-1	0.
3FC	0.10692	DIS	Min	-0.1107	-0.0024	3FC-1	0.10692

Table: Frame Auto Mesh Assignments

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
2F6	Yes	Yes	No	0	0.	0.
2F7	Yes	Yes	No	0	0.	0.
2F8	Yes	Yes	No	0	0.	0.
2F9	Yes	Yes	No	0	0.	0.
2FA	Yes	Yes	No	0	0.	0.
2FB	Yes	Yes	No	0	0.	0.
2FC	Yes	Yes	No	0	0.	0.
2FD	Yes	Yes	No	0	0.	0.
2FE	Yes	Yes	No	0	0.	0.
2FF	Yes	Yes	No	0	0.	0.
300	Yes	Yes	No	0	0.	0.
301	Yes	Yes	No	0	0.	0.
302	Yes	Yes	No	0	0.	0.
303	Yes	Yes	No	0	0.	0.
304	Yes	Yes	No	0	0.	0.
305	Yes	Yes	No	0	0.	0.
30B	Yes	Yes	No	0	0.	0.
30C	Yes	Yes	No	0	0.	0.
30D	Yes	Yes	No	0	0.	0.
30E	Yes	Yes	No	0	0.	0.
30F	Yes	Yes	No	0	0.	0.
310	Yes	Yes	No	0	0.	0.
311	Yes	Yes	No	0	0.	0.
312	Yes	Yes	No	0	0.	0.
320	Yes	Yes	No	0	0.	0.
321	Yes	Yes	No	0	0.	0.
322	Yes	Yes	No	0	0.	0.
323	Yes	Yes	No	0	0.	0.
324	Yes	Yes	No	0	0.	0.

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
325	Yes	Yes	No	0	0.	0.
326	Yes	Yes	No	0	0.	0.
327	Yes	Yes	No	0	0.	0.
328	Yes	Yes	No	0	0.	0.
329	Yes	Yes	No	0	0.	0.
32A	Yes	Yes	No	0	0.	0.
34F	Yes	Yes	No	0	0.	0.
350	Yes	Yes	No	0	0.	0.
351	Yes	Yes	No	0	0.	0.
352	Yes	Yes	No	0	0.	0.
353	Yes	Yes	No	0	0.	0.
354	Yes	Yes	No	0	0.	0.
355	Yes	Yes	No	0	0.	0.
356	Yes	Yes	No	0	0.	0.
357	Yes	Yes	No	0	0.	0.
358	Yes	Yes	No	0	0.	0.
359	Yes	Yes	No	0	0.	0.
35A	Yes	Yes	No	0	0.	0.
35B	Yes	Yes	No	0	0.	0.
35C	Yes	Yes	No	0	0.	0.
35D	Yes	Yes	No	0	0.	0.
35E	Yes	Yes	No	0	0.	0.
35F	Yes	Yes	No	0	0.	0.
360	Yes	Yes	No	0	0.	0.
361	Yes	Yes	No	0	0.	0.
362	Yes	Yes	No	0	0.	0.
363	Yes	Yes	No	0	0.	0.
364	Yes	Yes	No	0	0.	0.
365	Yes	Yes	No	0	0.	0.
366	Yes	Yes	No	0	0.	0.
367	Yes	Yes	No	0	0.	0.
368	Yes	Yes	No	0	0.	0.
369	Yes	Yes	No	0	0.	0.
36A	Yes	Yes	No	0	0.	0.
3D9	Yes	Yes	No	0	0.	0.
3DA	Yes	Yes	No	0	0.	0.
3DB	Yes	Yes	No	0	0.	0.
3DC	Yes	Yes	No	0	0.	0.
3DD	Yes	Yes	No	0	0.	0.
3DE	Yes	Yes	No	0	0.	0.
3DF	Yes	Yes	No	0	0.	0.
3E0	Yes	Yes	No	0	0.	0.
3E1	Yes	Yes	No	0	0.	0.
3E2	Yes	Yes	No	0	0.	0.
3E3	Yes	Yes	No	0	0.	0.
3E4	Yes	Yes	No	0	0.	0.
3E5	Yes	Yes	No	0	0.	0.
3E6	Yes	Yes	No	0	0.	0.
3E7	Yes	Yes	No	0	0.	0.
3E8	Yes	Yes	No	0	0.	0.
3E9	Yes	Yes	No	0	0.	0.
3EA	Yes	Yes	No	0	0.	0.
3EB	Yes	Yes	No	0	0.	0.

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
3EC	Yes	Yes	No	0	0.	0.
3ED	Yes	Yes	No	0	0.	0.
3EE	Yes	Yes	No	0	0.	0.
3EF	Yes	Yes	No	0	0.	0.
3F0	Yes	Yes	No	0	0.	0.
3F1	Yes	Yes	No	0	0.	0.
3F2	Yes	Yes	No	0	0.	0.
3F3	Yes	Yes	No	0	0.	0.
3F4	Yes	Yes	No	0	0.	0.
3F5	Yes	Yes	No	0	0.	0.
3F6	Yes	Yes	No	0	0.	0.
3F7	Yes	Yes	No	0	0.	0.
3F8	Yes	Yes	No	0	0.	0.
3F9	Yes	Yes	No	0	0.	0.
3FA	Yes	Yes	No	0	0.	0.
3FB	Yes	Yes	No	0	0.	0.
3FC	Yes	Yes	No	0	0.	0.

Table: Frame Load Transfer Options

Table: Frame Load Transfer Options

Frame	Transfer
2F6	Yes
2F7	Yes
2F8	Yes
2F9	Yes
2FA	Yes
2FB	Yes
2FC	Yes
2FD	Yes
2FE	Yes
2FF	Yes
300	Yes
301	Yes
302	Yes
303	Yes
304	Yes
305	Yes
30B	Yes
30C	Yes
30D	Yes
30E	Yes
30F	Yes
310	Yes
311	Yes
312	Yes
320	Yes
321	Yes
322	Yes
323	Yes
324	Yes

Table: Frame Load Transfer Options

Frame	Transfer
325	Yes
326	Yes
327	Yes
328	Yes
329	Yes
32A	Yes
34F	Yes
350	Yes
351	Yes
352	Yes
353	Yes
354	Yes
355	Yes
356	Yes
357	Yes
358	Yes
359	Yes
35A	Yes
35B	Yes
35C	Yes
35D	Yes
35E	Yes
35F	Yes
360	Yes
361	Yes
362	Yes
363	Yes
364	Yes
365	Yes
366	Yes
367	Yes
368	Yes
369	Yes
36A	Yes
3D9	Yes
3DA	Yes
3DB	Yes
3DC	Yes
3DD	Yes
3DE	Yes
3DF	Yes
3E0	Yes
3E1	Yes
3E2	Yes
3E3	Yes
3E4	Yes
3E5	Yes
3E6	Yes
3E7	Yes
3E8	Yes
3E9	Yes
3EA	Yes
3EB	Yes

Table: Frame Load Transfer Options

Frame	Transfer
3EC	Yes
3ED	Yes
3EE	Yes
3EF	Yes
3F0	Yes
3F1	Yes
3F2	Yes
3F3	Yes
3F4	Yes
3F5	Yes
3F6	Yes
3F7	Yes
3F8	Yes
3F9	Yes
3FA	Yes
3FB	Yes
3FC	Yes

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
34F	Wx	GLOBAL	Force	Gravity	RelDist	0.
34F	Wy	GLOBAL	Force	Gravity	RelDist	0.
34F	DEAD	GLOBAL	Force	Gravity	RelDist	0.
34F	Lr	GLOBAL	Force	Gravity	RelDist	0.
350	Wx	GLOBAL	Force	Gravity	RelDist	0.
350	Wy	GLOBAL	Force	Gravity	RelDist	0.
350	DEAD	GLOBAL	Force	Gravity	RelDist	0.
350	Lr	GLOBAL	Force	Gravity	RelDist	0.
351	Wx	GLOBAL	Force	Gravity	RelDist	0.
351	Wy	GLOBAL	Force	Gravity	RelDist	0.
351	DEAD	GLOBAL	Force	Gravity	RelDist	0.
351	Lr	GLOBAL	Force	Gravity	RelDist	0.
352	Wx	GLOBAL	Force	Gravity	RelDist	0.
352	Wy	GLOBAL	Force	Gravity	RelDist	0.
352	DEAD	GLOBAL	Force	Gravity	RelDist	0.
352	Lr	GLOBAL	Force	Gravity	RelDist	0.
353	Wx	GLOBAL	Force	Gravity	RelDist	0.
353	Wy	GLOBAL	Force	Gravity	RelDist	0.
353	DEAD	GLOBAL	Force	Gravity	RelDist	0.
353	Lr	GLOBAL	Force	Gravity	RelDist	0.
354	Wx	GLOBAL	Force	Gravity	RelDist	0.
354	Wy	GLOBAL	Force	Gravity	RelDist	0.
354	DEAD	GLOBAL	Force	Gravity	RelDist	0.
354	Lr	GLOBAL	Force	Gravity	RelDist	0.
355	Wx	GLOBAL	Force	Gravity	RelDist	0.
355	Wy	GLOBAL	Force	Gravity	RelDist	0.
355	DEAD	GLOBAL	Force	Gravity	RelDist	0.
355	Lr	GLOBAL	Force	Gravity	RelDist	0.
356	Wx	GLOBAL	Force	Gravity	RelDist	0.
356	Wy	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
356	DEAD	GLOBAL	Force	Gravity	RelDist	0.
356	Lr	GLOBAL	Force	Gravity	RelDist	0.
357	Wx	GLOBAL	Force	Gravity	RelDist	0.
357	Wy	GLOBAL	Force	Gravity	RelDist	0.
357	DEAD	GLOBAL	Force	Gravity	RelDist	0.
357	Lr	GLOBAL	Force	Gravity	RelDist	0.
358	Wx	GLOBAL	Force	Gravity	RelDist	0.
358	Wy	GLOBAL	Force	Gravity	RelDist	0.
358	DEAD	GLOBAL	Force	Gravity	RelDist	0.
358	Lr	GLOBAL	Force	Gravity	RelDist	0.
359	Wx	GLOBAL	Force	Gravity	RelDist	0.
359	Wy	GLOBAL	Force	Gravity	RelDist	0.
359	DEAD	GLOBAL	Force	Gravity	RelDist	0.
359	Lr	GLOBAL	Force	Gravity	RelDist	0.
35A	Wx	GLOBAL	Force	Gravity	RelDist	0.
35A	Wy	GLOBAL	Force	Gravity	RelDist	0.
35A	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35A	Lr	GLOBAL	Force	Gravity	RelDist	0.
35B	Wx	GLOBAL	Force	Gravity	RelDist	0.
35B	Wy	GLOBAL	Force	Gravity	RelDist	0.
35B	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35B	Lr	GLOBAL	Force	Gravity	RelDist	0.
35C	Wx	GLOBAL	Force	Gravity	RelDist	0.
35C	Wy	GLOBAL	Force	Gravity	RelDist	0.
35C	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35C	Lr	GLOBAL	Force	Gravity	RelDist	0.
35D	Wx	GLOBAL	Force	Gravity	RelDist	0.
35D	Wy	GLOBAL	Force	Gravity	RelDist	0.
35D	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35D	Lr	GLOBAL	Force	Gravity	RelDist	0.
35E	Wx	GLOBAL	Force	Gravity	RelDist	0.
35E	Wy	GLOBAL	Force	Gravity	RelDist	0.
35E	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35E	Lr	GLOBAL	Force	Gravity	RelDist	0.
35F	Wx	GLOBAL	Force	Gravity	RelDist	0.
35F	Wy	GLOBAL	Force	Gravity	RelDist	0.
35F	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35F	Lr	GLOBAL	Force	Gravity	RelDist	0.
360	Wx	GLOBAL	Force	Gravity	RelDist	0.
360	Wy	GLOBAL	Force	Gravity	RelDist	0.
360	DEAD	GLOBAL	Force	Gravity	RelDist	0.
360	Lr	GLOBAL	Force	Gravity	RelDist	0.
361	Wx	GLOBAL	Force	Gravity	RelDist	0.
361	Wy	GLOBAL	Force	Gravity	RelDist	0.
361	DEAD	GLOBAL	Force	Gravity	RelDist	0.
361	Lr	GLOBAL	Force	Gravity	RelDist	0.
362	Wx	GLOBAL	Force	Gravity	RelDist	0.
362	Wy	GLOBAL	Force	Gravity	RelDist	0.
362	DEAD	GLOBAL	Force	Gravity	RelDist	0.
362	Lr	GLOBAL	Force	Gravity	RelDist	0.
363	Wx	GLOBAL	Force	Gravity	RelDist	0.
363	Wy	GLOBAL	Force	Gravity	RelDist	0.
363	DEAD	GLOBAL	Force	Gravity	RelDist	0.
363	Lr	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
364	Wx	GLOBAL	Force	Gravity	RelDist	0.
364	Wy	GLOBAL	Force	Gravity	RelDist	0.
364	DEAD	GLOBAL	Force	Gravity	RelDist	0.
364	Lr	GLOBAL	Force	Gravity	RelDist	0.
365	Wx	GLOBAL	Force	Gravity	RelDist	0.
365	Wy	GLOBAL	Force	Gravity	RelDist	0.
365	DEAD	GLOBAL	Force	Gravity	RelDist	0.
365	Lr	GLOBAL	Force	Gravity	RelDist	0.
366	Wx	GLOBAL	Force	Gravity	RelDist	0.
366	Wy	GLOBAL	Force	Gravity	RelDist	0.
366	DEAD	GLOBAL	Force	Gravity	RelDist	0.
366	Lr	GLOBAL	Force	Gravity	RelDist	0.
367	Wx	GLOBAL	Force	Gravity	RelDist	0.
367	Wy	GLOBAL	Force	Gravity	RelDist	0.
367	DEAD	GLOBAL	Force	Gravity	RelDist	0.
367	Lr	GLOBAL	Force	Gravity	RelDist	0.
368	Wx	GLOBAL	Force	Gravity	RelDist	0.
368	Wy	GLOBAL	Force	Gravity	RelDist	0.
368	DEAD	GLOBAL	Force	Gravity	RelDist	0.
368	Lr	GLOBAL	Force	Gravity	RelDist	0.
369	Wx	GLOBAL	Force	Gravity	RelDist	0.
369	Wy	GLOBAL	Force	Gravity	RelDist	0.
369	DEAD	GLOBAL	Force	Gravity	RelDist	0.
369	Lr	GLOBAL	Force	Gravity	RelDist	0.
36A	Wx	GLOBAL	Force	Gravity	RelDist	0.
36A	Wy	GLOBAL	Force	Gravity	RelDist	0.
36A	DEAD	GLOBAL	Force	Gravity	RelDist	0.
36A	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F0	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F0	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F0	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F0	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F1	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F1	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F1	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F1	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F2	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F2	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F2	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F2	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F3	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F3	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F3	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F3	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F4	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F4	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F4	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F4	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F5	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F5	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F5	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F5	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F6	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F6	Wy	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
3F6	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F6	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F7	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F7	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F7	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F7	Lr	GLOBAL	Force	Gravity	RelDist	0.
3F9	Wx	GLOBAL	Force	Gravity	RelDist	0.
3F9	Wy	GLOBAL	Force	Gravity	RelDist	0.
3F9	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3F9	Lr	GLOBAL	Force	Gravity	RelDist	0.
3FA	Wx	GLOBAL	Force	Gravity	RelDist	0.
3FA	Wy	GLOBAL	Force	Gravity	RelDist	0.
3FA	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3FA	Lr	GLOBAL	Force	Gravity	RelDist	0.
3FB	Wx	GLOBAL	Force	Gravity	RelDist	0.
3FB	Wy	GLOBAL	Force	Gravity	RelDist	0.
3FB	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3FB	Lr	GLOBAL	Force	Gravity	RelDist	0.
3FC	Wx	GLOBAL	Force	Gravity	RelDist	0.
3FC	Wy	GLOBAL	Force	Gravity	RelDist	0.
3FC	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3FC	Lr	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
34F	Wx	1.	0.	0.56	0.34	0.34
34F	Wy	1.	0.	0.56	0.34	0.34
34F	DEAD	1.	0.	0.56	0.21	0.21
34F	Lr	1.	0.	0.56	0.22	0.22
350	Wx	1.	0.	0.56	0.34	0.34
350	Wy	1.	0.	0.56	0.34	0.34
350	DEAD	1.	0.	0.56	0.21	0.21
350	Lr	1.	0.	0.56	0.22	0.22
351	Wx	1.	0.	0.56	0.34	0.34
351	Wy	1.	0.	0.56	0.34	0.34
351	DEAD	1.	0.	0.56	0.21	0.21
351	Lr	1.	0.	0.56	0.22	0.22
352	Wx	1.	0.	0.56	0.34	0.34
352	Wy	1.	0.	0.56	0.34	0.34
352	DEAD	1.	0.	0.56	0.21	0.21
352	Lr	1.	0.	0.56	0.22	0.22
353	Wx	1.	0.	0.56	0.34	0.34
353	Wy	1.	0.	0.56	0.34	0.34
353	DEAD	1.	0.	0.56	0.21	0.21
353	Lr	1.	0.	0.56	0.22	0.22
354	Wx	1.	0.	0.56	0.34	0.34
354	Wy	1.	0.	0.56	0.34	0.34
354	DEAD	1.	0.	0.56	0.21	0.21
354	Lr	1.	0.	0.56	0.22	0.22
355	Wx	1.	0.	0.56	0.34	0.34

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
355	Wy	1.	0.	0.56	0.34	0.34
355	DEAD	1.	0.	0.56	0.21	0.21
355	Lr	1.	0.	0.56	0.22	0.22
356	Wx	1.	0.	0.56	0.34	0.34
356	Wy	1.	0.	0.56	0.34	0.34
356	DEAD	1.	0.	0.56	0.21	0.21
356	Lr	1.	0.	0.56	0.22	0.22
357	Wx	1.	0.	0.56	0.34	0.34
357	Wy	1.	0.	0.56	0.34	0.34
357	DEAD	1.	0.	0.56	0.21	0.21
357	Lr	1.	0.	0.56	0.22	0.22
358	Wx	1.	0.	0.56	0.34	0.34
358	Wy	1.	0.	0.56	0.34	0.34
358	DEAD	1.	0.	0.56	0.21	0.21
358	Lr	1.	0.	0.56	0.22	0.22
359	Wx	1.	0.	0.56	0.34	0.34
359	Wy	1.	0.	0.56	0.34	0.34
359	DEAD	1.	0.	0.56	0.21	0.21
359	Lr	1.	0.	0.56	0.22	0.22
35A	Wx	1.	0.	0.56	0.34	0.34
35A	Wy	1.	0.	0.56	0.34	0.34
35A	DEAD	1.	0.	0.56	0.21	0.21
35A	Lr	1.	0.	0.56	0.22	0.22
35B	Wx	1.	0.	0.16	0.34	0.34
35B	Wy	1.	0.	0.16	0.34	0.34
35B	DEAD	1.	0.	0.16	0.21	0.21
35B	Lr	1.	0.	0.16	0.22	0.22
35C	Wx	1.	0.	0.16	0.34	0.34
35C	Wy	1.	0.	0.16	0.34	0.34
35C	DEAD	1.	0.	0.16	0.21	0.21
35C	Lr	1.	0.	0.16	0.22	0.22
35D	Wx	1.	0.	0.56	0.34	0.34
35D	Wy	1.	0.	0.56	0.34	0.34
35D	DEAD	1.	0.	0.56	0.21	0.21
35D	Lr	1.	0.	0.56	0.22	0.22
35E	Wx	1.	0.	0.56	0.34	0.34
35E	Wy	1.	0.	0.56	0.34	0.34
35E	DEAD	1.	0.	0.56	0.21	0.21
35E	Lr	1.	0.	0.56	0.22	0.22
35F	Wx	1.	0.	0.56	0.34	0.34
35F	Wy	1.	0.	0.56	0.34	0.34
35F	DEAD	1.	0.	0.56	0.21	0.21
35F	Lr	1.	0.	0.56	0.22	0.22
360	Wx	1.	0.	0.56	0.34	0.34
360	Wy	1.	0.	0.56	0.34	0.34
360	DEAD	1.	0.	0.56	0.21	0.21
360	Lr	1.	0.	0.56	0.22	0.22
361	Wx	1.	0.	0.56	0.34	0.34
361	Wy	1.	0.	0.56	0.34	0.34
361	DEAD	1.	0.	0.56	0.21	0.21
361	Lr	1.	0.	0.56	0.22	0.22
362	Wx	1.	0.	0.56	0.34	0.34
362	Wy	1.	0.	0.56	0.34	0.34
362	DEAD	1.	0.	0.56	0.21	0.21

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
362	Lr	1.	0.	0.56	0.22	0.22
363	Wx	1.	0.	0.56	0.34	0.34
363	Wy	1.	0.	0.56	0.34	0.34
363	DEAD	1.	0.	0.56	0.21	0.21
363	Lr	1.	0.	0.56	0.22	0.22
364	Wx	1.	0.	0.56	0.34	0.34
364	Wy	1.	0.	0.56	0.34	0.34
364	DEAD	1.	0.	0.56	0.21	0.21
364	Lr	1.	0.	0.56	0.22	0.22
365	Wx	1.	0.	0.56	0.34	0.34
365	Wy	1.	0.	0.56	0.34	0.34
365	DEAD	1.	0.	0.56	0.21	0.21
365	Lr	1.	0.	0.56	0.22	0.22
366	Wx	1.	0.	0.56	0.34	0.34
366	Wy	1.	0.	0.56	0.34	0.34
366	DEAD	1.	0.	0.56	0.21	0.21
366	Lr	1.	0.	0.56	0.22	0.22
367	Wx	1.	0.	0.56	0.34	0.34
367	Wy	1.	0.	0.56	0.34	0.34
367	DEAD	1.	0.	0.56	0.21	0.21
367	Lr	1.	0.	0.56	0.22	0.22
368	Wx	1.	0.	0.56	0.34	0.34
368	Wy	1.	0.	0.56	0.34	0.34
368	DEAD	1.	0.	0.56	0.21	0.21
368	Lr	1.	0.	0.56	0.22	0.22
369	Wx	1.	0.	0.16	0.34	0.34
369	Wy	1.	0.	0.16	0.34	0.34
369	DEAD	1.	0.	0.16	0.21	0.21
369	Lr	1.	0.	0.16	0.22	0.22
36A	Wx	1.	0.	0.16	0.34	0.34
36A	Wy	1.	0.	0.16	0.34	0.34
36A	DEAD	1.	0.	0.16	0.21	0.21
36A	Lr	1.	0.	0.16	0.22	0.22
3F0	Wx	1.	0.	0.10692	0.34	0.34
3F0	Wy	1.	0.	0.10692	0.34	0.34
3F0	DEAD	1.	0.	0.10692	0.21	0.21
3F0	Lr	1.	0.	0.10692	0.22	0.22
3F1	Wx	1.	0.	0.10692	0.34	0.34
3F1	Wy	1.	0.	0.10692	0.34	0.34
3F1	DEAD	1.	0.	0.10692	0.21	0.21
3F1	Lr	1.	0.	0.10692	0.22	0.22
3F2	Wx	1.	0.	0.10692	0.34	0.34
3F2	Wy	1.	0.	0.10692	0.34	0.34
3F2	DEAD	1.	0.	0.10692	0.21	0.21
3F2	Lr	1.	0.	0.10692	0.22	0.22
3F3	Wx	1.	0.	0.10692	0.34	0.34
3F3	Wy	1.	0.	0.10692	0.34	0.34
3F3	DEAD	1.	0.	0.10692	0.21	0.21
3F3	Lr	1.	0.	0.10692	0.22	0.22
3F4	Wx	1.	0.	0.10692	0.34	0.34
3F4	Wy	1.	0.	0.10692	0.34	0.34
3F4	DEAD	1.	0.	0.10692	0.21	0.21
3F4	Lr	1.	0.	0.10692	0.22	0.22
3F5	Wx	1.	0.	0.10692	0.34	0.34

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
3F5	Wy	1.	0.	0.10692	0.34	0.34
3F5	DEAD	1.	0.	0.10692	0.21	0.21
3F5	Lr	1.	0.	0.10692	0.22	0.22
3F6	Wx	1.	0.	0.10692	0.34	0.34
3F6	Wy	1.	0.	0.10692	0.34	0.34
3F6	DEAD	1.	0.	0.10692	0.21	0.21
3F6	Lr	1.	0.	0.10692	0.22	0.22
3F7	Wx	1.	0.	0.10692	0.34	0.34
3F7	Wy	1.	0.	0.10692	0.34	0.34
3F7	DEAD	1.	0.	0.10692	0.21	0.21
3F7	Lr	1.	0.	0.10692	0.22	0.22
3F9	Wx	1.	0.	0.10692	0.34	0.34
3F9	Wy	1.	0.	0.10692	0.34	0.34
3F9	DEAD	1.	0.	0.10692	0.21	0.21
3F9	Lr	1.	0.	0.10692	0.22	0.22
3FA	Wx	1.	0.	0.10692	0.34	0.34
3FA	Wy	1.	0.	0.10692	0.34	0.34
3FA	DEAD	1.	0.	0.10692	0.21	0.21
3FA	Lr	1.	0.	0.10692	0.22	0.22
3FB	Wx	1.	0.	0.10692	0.34	0.34
3FB	Wy	1.	0.	0.10692	0.34	0.34
3FB	DEAD	1.	0.	0.10692	0.21	0.21
3FB	Lr	1.	0.	0.10692	0.22	0.22
3FC	Wx	1.	0.	0.10692	0.34	0.34
3FC	Wy	1.	0.	0.10692	0.34	0.34
3FC	DEAD	1.	0.	0.10692	0.21	0.21
3FC	Lr	1.	0.	0.10692	0.22	0.22

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
34F	Wx	c6618fc2-aad2-4865-a594-950d8b69d3ef
34F	Wy	ee10af41-baf0-4391-be8b-7cb9a3fc1d1a
34F	DEAD	5172bf28-a1f5-47de-8f3e-6aacd89d465d
34F	Lr	48944bc4-33cb-431c-8102-804bc5552045
350	Wx	c4deb47d-b7fd-4ea8-ae82-bd1066c3de45
350	Wy	71510708-c6be-41f1-976f-cb537babafcb
350	DEAD	90189d6a-2946-4891-84b4-c88ea6b58be9
350	Lr	14454180-f010-4408-9061-085094840093
351	Wx	2cf9251e-8b29-431a-a0a6-83b01420dfdc
351	Wy	38c51d87-db94-4a18-ad9b-c14bab7d3323
351	DEAD	74e750e7-293b-45bb-bbc2-4c82ceb55b16

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
351	Lr	39a2cc50-9f06-43e4-8f7f-b891bb8fba7e
352	Wx	c6def0e6-ece2-4302-8189-9db8d720b307
352	Wy	18579896-4846-4415-8718-06b354f6d1e7
352	DEAD	0e516710-8f01-429b-a701-d6059edb6d46
352	Lr	52c3327a-508b-434f-8cf7-9a96a00bfa41
353	Wx	81c11d63-798d-4641-a53c-f281520ef507
353	Wy	52b382a8-0d49-48e9-88dd-a2d0e53230f5
353	DEAD	3a281ce8-2a74-40b1-b30b-c02f3dc759c4
353	Lr	75406d14-e09b-41ba-a6f0-592844c2d468
354	Wx	b94dadb2-6dd6-4c83-9609-89f889268d94
354	Wy	9caf064f-fca5-4998-8500-ca3f3c1b6f0f
354	DEAD	1fd75fdf-491a-4b3c-ac0d-5de31cf42ab3
354	Lr	8c8fac62-5a61-487e-bc18-3572e1e340c8
355	Wx	76c4132f-b2bc-428f-8785-174a46794d0f
355	Wy	ff4092ec-e564-4485-bfc2-464d3e05e422
355	DEAD	22c51db7-832d-4942-8f2d-b84c7becdacb
355	Lr	d748bb7b-b1a1-41f2-9e49-eedffe00e05b
356	Wx	ce349424-b39e-4757-8211-5bf3dbc1d8dc
356	Wy	0b6da175-b643-4e34-91ee-268557c30f35
356	DEAD	a35f5ead-001e-4afe-be0a-6ac25e0b657f
356	Lr	9bd10739-7637-433b-a295-822d6beb8430
357	Wx	a8340e1c-072d-40a5-94e6-e21871175d40
357	Wy	696f6fdc-380c-4a47-8bec-68fdbccf7eb5
357	DEAD	363d8251-cde0-4a6f-ab9f-6a12dc9e3053
357	Lr	858cd7b4-673c-4021-8ece-ec6d6678f8cd
358	Wx	c7502ff4-5d81-4262-9932-9ca2f5041419
358	Wy	0bfc5ad6-00fd-4ba9-99ae-40938bd9d3a6
358	DEAD	13990c0d-4558-4bf8-8714-1186cc292d58
358	Lr	bd07fe27-d85a-4edc-957b-f3e63414d57a
359	Wx	61b7ac1e-41e6-4579-9148-32ffebecaae5

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
359	Wy	35c2780e-f254-48c2-990a-e621dd5f17e5
359	DEAD	62eb0ca9-95c7-451f-94fa-058b34c6d02a
359	Lr	93f37e75-e2e7-4065-a926-7ae249c64190
35A	Wx	7ae7e347-0e31-429d-b294-71b2a14cb733
35A	Wy	b218b349-33d0-485b-97c7-b462ce423184
35A	DEAD	7634c02e-28c6-4fb3-a5d5-960e85a5d1b1
35A	Lr	0ed1168a-34ff-431c-9889-84af51924982
35B	Wx	ada770b0-997d-48ed-86dc-679a6d31a372
35B	Wy	5af2ae18-375a-4d65-a7c2-dd3ef91d7473
35B	DEAD	6876dae7-f6b6-4aa2-a1bd-20a413969865
35B	Lr	7b095e2b-442f-457b-bd07-a60aafa42236
35C	Wx	fabff2ff-f39e-4780-8438-a838d0104454
35C	Wy	52b61e6b-462e-4257-b989-44f77e01baa2
35C	DEAD	79d3812f-43bd-46c2-8573-69f309db24c9
35C	Lr	303c5121-f1a7-4f7c-9de1-6c99d7aa240e
35D	Wx	8152d6f6-1ad1-4700-832b-4636f593d5ad
35D	Wy	d9da33a8-dc2b-40b8-a19b-f3d01a7c1cb6
35D	DEAD	61603e61-2e44-4f85-ab7f-3afb0287107e
35D	Lr	221858a7-78e1-4e07-9d57-9f48ad8dfe9d
35E	Wx	d0ff5701-4f31-4273-a6dd-3ac7be1e5b4d
35E	Wy	bbb89d69-f458-45b0-8e13-f293551ede6c
35E	DEAD	89778d4f-5747-4728-97d3-aebf00dc96ca
35E	Lr	6976ae94-0232-4615-8f91-e936f188070f
35F	Wx	3fa6b673-7e00-4892-87c3-f576bb73e35a
35F	Wy	9c68f1cd-bc3d-4574-a359-4ab4dede1613
35F	DEAD	e497773d-1dd1-4ea4-9760-77b447127008
35F	Lr	dbd0cd43-4712-4897-aed9-1869925a80fa
360	Wx	ecdb136c-686c-4b5b-8ecb-f8a9b603b9e4
360	Wy	a29e2aed-05c2-4595-9597-595eba35d930
360	DEAD	6ed12307-9e87-4321-ab9d-b871f008894c

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
360	Lr	7d7892fc-a66f-4afa-b328-6bcaab5ecbdd
361	Wx	b09e759e-f51b-4a89-b16f-23746d31734c
361	Wy	b13c52de-e5c8-417f-9b5b-12457d1209a1
361	DEAD	8f0e2062-ce3c-46cd-99cd-707d17ec3595
361	Lr	ea200988-2964-46ad-9d5a-95ccb0ca5ba1
362	Wx	d3a9aea5-d93c-403b-b22e-e8374f9f3182
362	Wy	9e966d1a-88ad-460b-beb2-2f6bd88c42b1
362	DEAD	b7f6a9ee-473b-44a8-a2de-66654af19bfb
362	Lr	0d998466-2f64-4192-ad46-af183c780101
363	Wx	cc5c0690-4a73-4bb2-8779-7b01413dbe2d
363	Wy	9f3161fa-f98f-436e-bb72-8883dd999301
363	DEAD	8d859a5a-298b-4dc2-b6df-b1b1bd1c14ea
363	Lr	000557b4-d178-4370-a3ba-42c9a94c4765
364	Wx	92131a67-6254-4aa0-8a63-e7d5259d5a44
364	Wy	c91e37dc-7a13-48e7-8c55-58077fdff3f8
364	DEAD	bee3542e-385f-49b6-bca1-4c92bd51d0c0
364	Lr	7bc0df2a-3a63-45c2-b253-054c9e4cef6a
365	Wx	94018baa-aed6-409a-91f7-a55fbaadeeb3
365	Wy	aa8154dd-01c1-49d3-a841-edd9336abf34
365	DEAD	31737995-0022-4bd2-97f1-ff567d9df322
365	Lr	70f63dbe-b273-417d-bbc4-f5fa10160648
366	Wx	ed06e74f-4616-42dd-9f74-e2205bd4d406
366	Wy	211838ef-3058-4e60-8714-14de144b95a8
366	DEAD	d7f4ced6-c0a0-4bbd-95bb-45ea5ffb8936
366	Lr	1e8ef72d-d188-49e0-852d-4bd710bbef20
367	Wx	a274285a-8714-4d63-abcd-783605075d1b
367	Wy	318d767e-7c00-4be9-ac49-ee60fbd6bd43
367	DEAD	6ff9aa32-e9cd-44c1-bbe9-c232201ae941
367	Lr	aba35723-88c0-41d9-9594-30bb06ee77a1
368	Wx	6ca3a47e-e7af-4ab2-9e1e-df6b79fb2577

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
368	Wy	5a454163-e3cf-4141-b18b-7dddb75d957f
368	DEAD	9db25edb-321e-4c3d-a40f-59a1d3ccb449
368	Lr	15aeb17d-c10c-4162-a0b5-8af3deaaa2dc
369	Wx	dbf5b0ce-d4b2-4721-9943-554f3582d8b0
369	Wy	16bb6d50-84ca-4b81-ac2d-9766b75e787b
369	DEAD	88b597f3-93d4-4d46-abe6-f140d22d5657
369	Lr	7fb6b92c-a1ad-4c8a-96b2-5d3cde9c5231
36A	Wx	a18ab7db-fea2-48e0-b809-73e82e55d4bd
36A	Wy	32e19731-ac9a-4280-a037-5e140314bfb3
36A	DEAD	ae9d02d6-f4cc-42b7-96a2-f4719566da4f
36A	Lr	1d28ecfb-c825-4f30-ba64-341550704d95
3F0	Wx	7158b0c2-4c88-4e1d-a266-4b9258c87de2
3F0	Wy	05a5cf7a-a7d3-4129-80dc-2d54c01393ad
3F0	DEAD	8845169c-d273-43be-87b9-b91b0cecea26
3F0	Lr	35d948ee-df8a-427b-8467-4ea76ae1cc90
3F1	Wx	54fb0e0f-88dd-4f22-b330-689d84fba0ed
3F1	Wy	a5cb5591-52fd-40c7-8118-90642716d214
3F1	DEAD	92e9ad9e-2d25-49f6-a068-a44394b356d2
3F1	Lr	59b5de0d-22e8-4484-a8f6-68c8282bcb5a
3F2	Wx	983a55e6-7304-4152-8681-5dd2a2697a03
3F2	Wy	d4f3542a-a867-4b38-8ef6-e0a4f8142ec5
3F2	DEAD	abd0ee32-f9ef-41bb-aedc-7e2d3198875b
3F2	Lr	dae7cd8a-930c-4752-9bde-e266ff2432ce
3F3	Wx	0b33c490-ec1e-4faf-8801-37b6bb0db9a8
3F3	Wy	32034c35-31ad-4ad2-9c92-8a5a8ffbdad0
3F3	DEAD	20fae7ee-70cf-4330-be6e-c6b1ac63e865
3F3	Lr	503196ea-eecd-4774-b9d3-1d958e75e1d3
3F4	Wx	5a505821-bcf1-4316-b9dc-206e8bef4d30
3F4	Wy	2b1261b6-d6f0-469b-a329-b5370204c879
3F4	DEAD	440dbd9f-98c0-4583-969b-4de82dda5e24

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
3F4	Lr	8c54f198-659e-47a0-93d0-86385d84e653
3F5	Wx	b4b05ac7-6bce-489f-8362-8ae6a6a61c3d
3F5	Wy	e2e1e38e-8e19-4f15-af5b-c4ce8a83c885
3F5	DEAD	96a12596-494e-4e38-ba27-44cee2b931a9
3F5	Lr	dc6c60d3-80e6-47b7-9bbd-81b38aae459c
3F6	Wx	a685b597-4e7f-426c-b202-45fde1178c72
3F6	Wy	a87e9ea4-c206-4c80-b9f1-ea4a2c2294c1
3F6	DEAD	896cf566-4b49-479b-9102-c231d258d27f
3F6	Lr	8cfe6d6f-8b4d-47bf-b910-2b8f10563626
3F7	Wx	6be19403-5a2b-43ca-ae43-794aa5fc7a08
3F7	Wy	5ccaec1f-7d1e-432a-be0f-21d3560233e2
3F7	DEAD	aba410c0-2970-4890-b0a1-c6f0e0deaae6
3F7	Lr	0f644372-9494-4cea-b63a-f7868aaa9e06
3F9	Wx	608d795f-55c6-40f2-b052-31e10c994ca9
3F9	Wy	f61f564f-5493-4352-9fb6-9944930ab342
3F9	DEAD	09bdef4a-bcc2-4474-8548-9115e324598c
3F9	Lr	91f46ea0-54ed-4653-b316-53390f8b6b07
3FA	Wx	ac9eff1b-bfdc-46e6-91f0-c5b127a497e8
3FA	Wy	60d7a444-b406-4308-b410-8c5cd208a731
3FA	DEAD	0e792f71-480c-4d03-a681-b957737f4ace
3FA	Lr	c850d5db-dbbd-4c9f-b2f8-7902cbeeb4ba
3FB	Wx	dde39499-abb8-44ac-9795-55841ea9a7e3
3FB	Wy	eccc0978-0689-4d24-8df0-aeb8f69ce902
3FB	DEAD	4b1f439d-a35f-4ffa-a18b-3c43c5ff4bb6
3FB	Lr	7dac98f7-3d3f-444b-80e7-07af85ce1fca
3FC	Wx	7b8cf518-90ab-4524-af12-5d182337de60
3FC	Wy	2a3a3852-c44b-4be6-9c6b-d29a02fde38d
3FC	DEAD	daf15516-f3bd-4467-bb43-b2102241a13a
3FC	Lr	60570879-cfa5-4135-9e20-69c408384232

Table: Frame Output Station Assignments

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
2F6	MinNumSta	3		Yes	Yes
2F7	MinNumSta	3		Yes	Yes
2F8	MinNumSta	3		Yes	Yes
2F9	MinNumSta	3		Yes	Yes
2FA	MinNumSta	3		Yes	Yes
2FB	MinNumSta	3		Yes	Yes
2FC	MinNumSta	3		Yes	Yes
2FD	MinNumSta	3		Yes	Yes
2FE	MinNumSta	3		Yes	Yes
2FF	MinNumSta	3		Yes	Yes
300	MinNumSta	3		Yes	Yes
301	MinNumSta	3		Yes	Yes
302	MinNumSta	3		Yes	Yes
303	MinNumSta	3		Yes	Yes
304	MinNumSta	3		Yes	Yes
305	MinNumSta	3		Yes	Yes
30B	MinNumSta	3		Yes	Yes
30C	MinNumSta	3		Yes	Yes
30D	MinNumSta	3		Yes	Yes
30E	MinNumSta	3		Yes	Yes
30F	MinNumSta	3		Yes	Yes
310	MinNumSta	3		Yes	Yes
311	MinNumSta	3		Yes	Yes
312	MinNumSta	3		Yes	Yes
320	MaxStaSpcg		0.5	Yes	Yes
321	MaxStaSpcg		0.5	Yes	Yes
322	MaxStaSpcg		0.5	Yes	Yes
323	MaxStaSpcg		0.5	Yes	Yes
324	MaxStaSpcg		0.5	Yes	Yes
325	MaxStaSpcg		0.5	Yes	Yes
326	MaxStaSpcg		0.5	Yes	Yes
327	MaxStaSpcg		0.5	Yes	Yes
328	MaxStaSpcg		0.5	Yes	Yes
329	MaxStaSpcg		0.5	Yes	Yes
32A	MaxStaSpcg		0.5	Yes	Yes
34F	MaxStaSpcg		0.5	Yes	Yes
350	MaxStaSpcg		0.5	Yes	Yes
351	MaxStaSpcg		0.5	Yes	Yes
352	MaxStaSpcg		0.5	Yes	Yes
353	MaxStaSpcg		0.5	Yes	Yes
354	MaxStaSpcg		0.5	Yes	Yes
355	MaxStaSpcg		0.5	Yes	Yes
356	MaxStaSpcg		0.5	Yes	Yes
357	MaxStaSpcg		0.5	Yes	Yes
358	MaxStaSpcg		0.5	Yes	Yes
359	MaxStaSpcg		0.5	Yes	Yes
35A	MaxStaSpcg		0.5	Yes	Yes
35B	MaxStaSpcg		0.5	Yes	Yes
35C	MaxStaSpcg		0.5	Yes	Yes
35D	MaxStaSpcg		0.5	Yes	Yes
35E	MaxStaSpcg		0.5	Yes	Yes

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
35F	MaxStaSpcg		0.5	Yes	Yes
360	MaxStaSpcg		0.5	Yes	Yes
361	MaxStaSpcg		0.5	Yes	Yes
362	MaxStaSpcg		0.5	Yes	Yes
363	MaxStaSpcg		0.5	Yes	Yes
364	MaxStaSpcg		0.5	Yes	Yes
365	MaxStaSpcg		0.5	Yes	Yes
366	MaxStaSpcg		0.5	Yes	Yes
367	MaxStaSpcg		0.5	Yes	Yes
368	MaxStaSpcg		0.5	Yes	Yes
369	MaxStaSpcg		0.5	Yes	Yes
36A	MaxStaSpcg		0.5	Yes	Yes
3D9	MinNumSta	3		Yes	Yes
3DA	MinNumSta	3		Yes	Yes
3DB	MinNumSta	3		Yes	Yes
3DC	MinNumSta	3		Yes	Yes
3DD	MinNumSta	3		Yes	Yes
3DE	MinNumSta	3		Yes	Yes
3DF	MinNumSta	3		Yes	Yes
3E0	MinNumSta	3		Yes	Yes
3E1	MinNumSta	3		Yes	Yes
3E2	MinNumSta	3		Yes	Yes
3E3	MinNumSta	3		Yes	Yes
3E4	MinNumSta	3		Yes	Yes
3E5	MinNumSta	3		Yes	Yes
3E6	MinNumSta	3		Yes	Yes
3E7	MinNumSta	3		Yes	Yes
3E8	MinNumSta	3		Yes	Yes
3E9	MinNumSta	3		Yes	Yes
3EA	MinNumSta	3		Yes	Yes
3EB	MinNumSta	3		Yes	Yes
3EC	MinNumSta	3		Yes	Yes
3ED	MinNumSta	3		Yes	Yes
3EE	MinNumSta	3		Yes	Yes
3EF	MinNumSta	3		Yes	Yes
3F0	MaxStaSpcg		0.5	Yes	Yes
3F1	MaxStaSpcg		0.5	Yes	Yes
3F2	MaxStaSpcg		0.5	Yes	Yes
3F3	MaxStaSpcg		0.5	Yes	Yes
3F4	MaxStaSpcg		0.5	Yes	Yes
3F5	MaxStaSpcg		0.5	Yes	Yes
3F6	MaxStaSpcg		0.5	Yes	Yes
3F7	MaxStaSpcg		0.5	Yes	Yes
3F8	MinNumSta	3		Yes	Yes
3F9	MaxStaSpcg		0.5	Yes	Yes
3FA	MaxStaSpcg		0.5	Yes	Yes
3FB	MaxStaSpcg		0.5	Yes	Yes
3FC	MaxStaSpcg		0.5	Yes	Yes

Table: Frame Section Assignments

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
2F6	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2F7	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2F8	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2F9	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2FA	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2FB	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2FC	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2FD	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2FE	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
2FF	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
300	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
301	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
302	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
303	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
304	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
305	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
30B	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
30C	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
30D	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
30E	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
30F	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
310	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
311	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
312	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
320	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
321	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
322	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
323	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
324	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
325	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
326	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
327	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
328	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
329	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
32A	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
34F	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
350	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
351	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
352	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
353	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
354	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
355	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
356	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
357	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
358	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
359	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
35A	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
35B	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
35C	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
35D	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
35E	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
35F	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
360	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
361	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
362	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
363	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
364	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
365	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
366	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
367	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
368	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
369	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
36A	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3D9	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3DA	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3DB	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3DC	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3DD	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3DE	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3DF	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E0	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E1	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E2	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E3	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E4	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E5	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E6	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E7	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E8	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3E9	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3EA	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3EB	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3EC	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3ED	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3EE	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3EF	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F0	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F1	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F2	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
3F3	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F4	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F5	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F6	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F7	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F8	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3F9	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3FA	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3FB	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default
3FC	Circle	N.A.	ACERO DIAMETRO 0.15	ACERO DIAMETRO 0.15	Default

Table: Frame Section Properties 01 - General, Part 1 of 8

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	t3	t2	tf	tw
			m	m	m	m
ACERO DIAMETRO 0.15	A500GrC	Circle	0.015			
C60X60	4000Psi	Rectangular	0.6	0.6		
ENSAM 300/12.7	A572Gr50	Box/Tube	0.3	0.3	0.0127	0.0127
HEA 260	A572Gr50	I/Wide Flange	0.25	0.26	0.0125	0.0075
HEA 300	A572Gr50	I/Wide Flange	0.29	0.3	0.014	0.0085
IPE 160	A572Gr50	I/Wide Flange	0.16	0.082	0.0074	0.005
IPE 240	A572Gr50	I/Wide Flange	0.24	0.12	0.0098	0.0062
IPE 330	A572Gr50	I/Wide Flange	0.33	0.16	0.0115	0.0075
IPE 500	A572Gr50	I/Wide Flange	0.5	0.2	0.016	0.0102
LI 1 1/2"x1/8"	A572Gr50	Angle	0.0381	0.0381	0.00318	0.00318
LI 2"X3/8"	A572Gr50	Angle	0.0508	0.0508	0.0095	0.0095
LI 3 1/2"x3/8"	A36	Angle	0.0889	0.0889	0.009525	0.009525
LI 3 1/2"x5/16"	A36	Angle	0.0889	0.0889	0.00794	0.00794
PHR C 305X80X2	A500GrC	Cold Formed C	0.305	0.08		0.002
PTE 100X50X4	A500GrC	Box/Tube	0.1	0.05	0.004	0.004
PTE 135X135X4	A500GrC	Box/Tube	0.135	0.135	0.004	0.004
PTE 150X100X4	A500GrC	Box/Tube	0.15	0.1	0.004	0.004
PTE 1X2.5	A500GrC	Pipe	0.0334			0.0025
PTE 2.5X4.0	A500GrC	Pipe	0.0729			0.004
PTE 200X200X5	A500GrC	Box/Tube	0.2	0.2	0.005	0.005
PTE 2X2.5	A500GrC	Pipe	0.0602			0.0025
PTE 3X2.0	A500GrC	Pipe	0.0889			0.002
PTE 3X4.0	A500GrC	Pipe	0.0889			0.004
PTE 40X40X2.5	A500GrC	Box/Tube	0.04	0.04	0.0025	0.0025
TENSOR 5/8	A615Gr60	Circle	0.0159			
TUB	MAT0	Pipe	0.1524			0.00635
TUB 10"X9	A500GrC	Pipe	0.2731			0.009
TUB 6"SCH40	A500GrC	Pipe	0.1683			0.00711

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	t3	t2	tf	tw
			m	m	m	m
VIGA ENSAMBLADA	A572Gr50	I/Wide Flange	0.75	0.4	0.0254	0.0126

Table: Frame Section Properties 01 - General, Part 2 of 8

Table: Frame Section Properties 01 - General, Part 2 of 8

SectionName	t2b	tfb	FilletRadius	Radius	LipDepth	Area	TorsConst
	m	m	m	m	m	m2	m4
ACERO DIAMETRO 0.15						0.000177	4.970E-09
C60X60						0.36	0.018252
ENSAM 300/12.7			0.			0.014595	0.000301
HEA 260	0.26	0.0125	0.024			0.008728	3.719E-07
HEA 300	0.3	0.014	0.027			0.01129	6.053E-07
IPE 160	0.082	0.0074	0.009			0.002021	2.851E-08
IPE 240	0.12	0.0098	0.015			0.003943	9.358E-08
IPE 330	0.16	0.0115	0.018			0.006307	2.070E-07
IPE 500	0.2	0.016	0.021			0.011587	7.173E-07
LI 1 1/2"x1/8"			0.			0.000232	7.577E-10
LI 2"X3/8"			0.			0.000875	2.433E-08
LI 3 1/2"x3/8"			0.			0.001603	4.646E-08
LI 3 1/2"x5/16"			0.			0.001349	2.737E-08
PHR C 305X80X2				0.00635	0.025	0.000989	1.318E-09
PTE 100X50X4			0.008			0.001092	1.099E-06
PTE 135X135X4			0.008			0.002052	8.992E-06
PTE 150X100X4			0.008			0.001892	6.494E-06
PTE 1X2.5						0.000243	5.831E-08
PTE 2.5X4.0						0.000866	1.031E-06
PTE 200X200X5			0.01			0.003832	0.000037
PTE 2X2.5						0.000453	3.779E-07
PTE 3X2.0						0.000546	1.031E-06
PTE 3X4.0						0.001067	1.927E-06
PTE 40X40X2.5			0.005			0.000358	1.318E-07
TENSOR 5/8						0.000199	6.275E-09
TUB						0.002914	0.000016
TUB 10"X9						0.007467	0.00013
TUB 6"SCH40						0.0036	0.000023
VIGA ENSAMBLADA	0.4	0.0254	0.			0.02913	4.656E-06

Table: Frame Section Properties 01 - General, Part 3 of 8

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	I33	I22	I23	AS2	AS3	S33Top	S33Bot
	m4	m4	m4	m2	m2	m3	m3
ACERO DIAMETRO 0.15	2.485E-09	2.485E-09	0.	0.000159	0.000159	3.313E-07	3.313E-07
C60X60	0.0108	0.0108	0.	0.3	0.3	0.036	0.036
ENSAM 300/12.7	0.000201	0.000201	0.	0.00762	0.00762	0.001341	0.001341
HEA 260	0.000105	0.000037	5.421E-20	0.002019	0.006314	0.00084	0.00084
HEA 300	0.000183	0.000063	-5.421E-20	0.002641	0.00812	0.001263	0.001263
IPE 160	8.748E-06	6.836E-07	0.	0.000798	0.001262	0.000109	0.000109
IPE 240	0.000039	2.839E-06	0.	0.001519	0.002483	0.000327	0.000327
IPE 330	0.000119	7.888E-06	0.	0.002457	0.003812	0.000719	0.000719
IPE 500	0.000484	0.000021	1.084E-19	0.005063	0.006564	0.001935	0.001935

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	I33	I22	I23	AS2	AS3	S33Top	S33Bot
	m4	m4	m4	m2	m2	m3	m3
LI 1 1/2"x1/8"	3.241E-08	3.241E-08	1.927E-08	0.000121	0.000121	1.183E-06	3.029E-06
LI 2"X3/8"	1.990E-07	1.990E-07	1.135E-07	0.000483	0.000483	5.742E-06	0.000012
LI 3 1/2"x3/8"	1.193E-06	1.193E-06	7.046E-07	0.000847	0.000847	0.000019	0.000046
LI 3 1/2"x5/16"	1.020E-06	1.020E-06	6.054E-07	0.000706	0.000706	0.000016	0.000041
PHR C 305X80X2	0.000013	7.851E-07	0.	0.000577	0.000253	0.000086	0.000086
PTE 100X50X4	1.336E-06	4.482E-07	0.	0.000744	0.000394	0.000027	0.000027
PTE 135X135X4	5.806E-06	5.806E-06	0.	0.001054	0.000985	0.000086	0.000086
PTE 150X100X4	5.933E-06	3.180E-06	0.	0.001157	0.000745	0.000079	0.000079
PTE 1X2.5	2.915E-08	2.915E-08	0.	0.000122	0.000122	1.746E-06	1.746E-06
PTE 2.5X4.0	5.155E-07	5.155E-07	0.	0.000434	0.000434	0.000014	0.000014
PTE 200X200X5	0.000024	0.000024	4.066E-20	0.001966	0.001969	0.000241	0.000241
PTE 2X2.5	1.889E-07	1.889E-07	0.	0.000227	0.000227	6.277E-06	6.277E-06
PTE 3X2.0	5.157E-07	5.157E-07	0.	0.000273	0.000273	0.000012	0.000012
PTE 3X4.0	9.634E-07	9.634E-07	0.	0.000534	0.000534	0.000022	0.000022
PTE 40X40X2.5	8.181E-08	8.181E-08	0.	0.000192	0.00019	4.091E-06	4.091E-06
TENSOR 5/8	3.137E-09	3.137E-09	0.	0.000179	0.000179	3.946E-07	3.946E-07
TUB	7.783E-06	7.783E-06	0.	0.001459	0.001459	0.000102	0.000102
TUB 10"X9	0.000065	0.000065	0.	0.003737	0.003737	0.000477	0.000477
TUB 6"SCH40	0.000012	0.000012	0.	0.001803	0.001803	0.000139	0.000139
VIGA ENSAMBLADA	0.003027	0.000271	0.	0.00945	0.016933	0.008073	0.008073

Table: Frame Section Properties 01 - General, Part 4 of 8

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	S22Left	S22Right	Z33	Z22	R33	R22	CGOffset3
	m3	m3	m3	m3	m	m	m
ACERO DIAMETRO 0.15	3.313E-07	3.313E-07	5.625E-07	5.625E-07	0.00375	0.00375	0.
C60X60	0.036	0.036	0.054	0.054	0.173205	0.173205	0.
ENSAM 300/12.7	0.001341	0.001341	0.001573	0.001573	0.117404	0.117404	0.
HEA 260	0.000282	0.000282	0.000925	0.000431	0.109707	0.064832	-2.776E-17
HEA 300	0.000421	0.000421	0.001388	0.000642	0.127378	0.074762	0.
IPE 160	0.000017	0.000017	0.000125	0.000026	0.065798	0.018394	6.939E-18
IPE 240	0.000047	0.000047	0.00037	0.000074	0.099786	0.026833	-6.939E-18
IPE 330	0.000099	0.000099	0.000811	0.000154	0.137169	0.035366	1.388E-17
IPE 500	0.000214	0.000214	0.002202	0.000336	0.204332	0.042999	0.
LI 1 1/2"x1/8"	3.029E-06	1.183E-06	2.131E-06	2.131E-06	0.011815	0.011815	0.00835
LI 2"X3/8"	0.000012	5.742E-06	0.00001	0.00001	0.015082	0.015082	0.00926
LI 3 1/2"x3/8"	0.000046	0.000019	0.000034	0.000034	0.027277	0.027277	0.018721
LI 3 1/2"x5/16"	0.000041	0.000016	0.000029	0.000029	0.027495	0.027495	0.019294
PHR C 305X80X2	0.000039	0.000013	0.000086	0.000013	0.115038	0.028179	0.020116
PTE 100X50X4	0.000018	0.000018	0.000034	0.000021	0.034969	0.020256	-2.082E-17
PTE 135X135X4	0.000086	0.000086	0.0001	0.0001	0.05319	0.05319	1.388E-17
PTE 150X100X4	0.000064	0.000064	0.000095	0.000072	0.055993	0.040993	0.
PTE 1X2.5	1.746E-06	1.746E-06	2.392E-06	2.392E-06	0.01096	0.01096	0.
PTE 2.5X4.0	0.000014	0.000014	0.000019	0.000019	0.024401	0.024401	0.
PTE 200X200X5	0.000241	0.000241	0.000278	0.000278	0.079248	0.079248	0.
PTE 2X2.5	6.277E-06	6.277E-06	8.328E-06	8.328E-06	0.020419	0.020419	0.
PTE 3X2.0	0.000012	0.000012	0.000015	0.000015	0.030732	0.030732	0.
PTE 3X4.0	0.000022	0.000022	0.000029	0.000029	0.03005	0.03005	0.
PTE 40X40X2.5	4.091E-06	4.091E-06	4.949E-06	4.949E-06	0.015118	0.015118	3.469E-18
TENSOR 5/8	3.946E-07	3.946E-07	6.699E-07	6.699E-07	0.003975	0.003975	0.
TUB	0.000102	0.000102	0.000136	0.000136	0.051685	0.051685	0.
TUB 10"X9	0.000477	0.000477	0.000628	0.000628	0.093428	0.093428	0.

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	S22Left	S22Right	Z33	Z22	R33	R22	CGOffset3
	m3	m3	m3	m3	m	m	m
TUB 6"SCH40	0.000139	0.000139	0.000185	0.000185	0.057045	0.057045	0.
VIGA ENSAMBLADA	0.001355	0.001355	0.008902	0.00206	0.322369	0.096462	0.

Table: Frame Section Properties 01 - General, Part 5 of 8

Table: Frame Section Properties 01 - General, Part 5 of 8

SectionName	CGOffset2	EccV2	EccV3	Cw	IncludeSCAn	ConcCol	ConcBeam
	m	m	m	m6			
ACERO DIAMETRO 0.15	0.	0.	0.	0.		No	No
C60X60	0.	0.	0.	0.		Yes	No
ENSAM 300/12.7	0.	0.	0.	0.		No	No
HEA 260	8.327E-17	0.	0.	5.164E-07		No	No
HEA 300	2.776E-17	0.	0.	1.200E-06		No	No
IPE 160	-4.163E-17	0.	0.	3.959E-09		No	No
IPE 240	1.388E-17	0.	0.	3.739E-08		No	No
IPE 330	5.551E-17	0.	0.	1.991E-07		No	No
IPE 500	1.110E-16	0.	0.	1.249E-06		No	No
LI 1 1/2"x1/8"	-0.00835	0.008973	-0.008973	8.694E-14		No	No
LI 2"X3/8"	-0.00926	0.01045	-0.01045	4.651E-12		No	No
LI 3 1/2"x3/8"	-0.018721	0.020435	-0.020435	2.860E-11		No	No
LI 3 1/2"x5/16"	-0.019294	0.020818	-0.020818	1.704E-11		No	No
PHR C 305X80X2	0.	0.071897	0.	1.537E-08	Yes	No	No
PTE 100X50X4	2.776E-17	0.	0.	0.		No	No
PTE 135X135X4	2.776E-17	0.	0.	0.		No	No
PTE 150X100X4	1.388E-17	0.	0.	0.		No	No
PTE 1X2.5	0.	0.	0.	0.		No	No
PTE 2.5X4.0	0.	0.	0.	0.		No	No
PTE 200X200X5	1.110E-16	0.	0.	0.		No	No
PTE 2X2.5	0.	0.	0.	0.		No	No
PTE 3X2.0	0.	0.	0.	0.		No	No
PTE 3X4.0	0.	0.	0.	0.		No	No
PTE 40X40X2.5	3.469E-18	0.	0.	0.		No	No
TENSOR 5/8	0.	0.	0.	0.		No	No
TUB	0.	0.	0.	0.		No	No
TUB 10"X9	0.	0.	0.	0.		No	No
TUB 6"SCH40	0.	0.	0.	0.		No	No
VIGA ENSAMBLADA	0.	0.	0.	0.000036		No	No

Table: Frame Section Properties 01 - General, Part 6 of 8

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	Color	TotalWt	TotalMass	FromFile	AMod	A2Mod	A3Mod
		KN	KN-s2/m				
ACERO DIAMETRO 0.15	Gray8Dark	0.665	6.783E-02	No	1.	1.	1.
C60X60	Blue	0.	0.	No	1.	1.	1.
ENSAM 300/12.7	16711808	0.	0.	No	1.	1.	1.
HEA 260	Magenta	0.	0.	No	1.	1.	1.
HEA 300	Red	0.	0.	No	1.	1.	1.
IPE 160	Yellow	0.	0.	No	1.	1.	1.
IPE 240	Orange	0.	0.	No	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	Color	TotalWt	TotalMass	FromFile	AMod	A2Mod	A3Mod
		KN	KN-s2/m				
IPE 330	Blue	0.	0.	No	1.	1.	1.
IPE 500	Cyan	0.	0.	No	1.	1.	1.
LI 1 1/2"x1/8"	Blue	0.	0.	No	1.	1.	1.
LI 2"X3/8"	Red	0.	0.	No	1.	1.	1.
LI 3 1/2"x3/8"	Magenta	0.	0.	No	1.	1.	1.
LI 3 1/2"x5/16"	Cyan	0.	0.	No	1.	1.	1.
PHR C 305X80X2	Green	0.	0.	No	1.	1.	1.
PTE 100X50X4	Cyan	0.	0.	No	1.	1.	1.
PTE 135X135X4	Orange	0.	0.	No	1.	1.	1.
PTE 150X100X4	Blue	0.	0.	No	1.	1.	1.
PTE 1X2.5	Orange	0.	0.	No	1.	1.	1.
PTE 2.5X4.0	8388863	0.	0.	No	1.	1.	1.
PTE 200X200X5	16744448	0.	0.	No	1.	1.	1.
PTE 2X2.5	Cyan	0.	0.	No	1.	1.	1.
PTE 3X2.0	Blue	0.	0.	No	1.	1.	1.
PTE 3X4.0	Gray8Dark	0.	0.	No	1.	1.	1.
PTE 40X40X2.5	4227072	0.	0.	No	1.	1.	1.
TENSOR 5/8	Red	0.	0.	No	1.	1.	1.
TUB	Yellow	0.	0.	No	1.	1.	1.
TUB 10"X9	Red	0.	0.	No	1.	1.	1.
TUB 6"SCH40	Green	0.	0.	No	1.	1.	1.
VIGA ENSAMBLADA	Green	0.	0.	No	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 7 of 8

Table: Frame Section Properties 01 - General, Part 7 of 8

SectionName	JMod	I2Mod	I3Mod	MMod	WMod	GUID
ACERO DIAMETRO 0.15	1.	1.	1.	1.	1.	
C60X60	1.	1.	1.	1.	1.	
ENSAM 300/12.7	1.	1.	1.	1.	1.	
HEA 260	1.	1.	1.	1.	1.	
HEA 300	1.	1.	1.	1.	1.	
IPE 160	1.	1.	1.	1.	1.	
IPE 240	1.	1.	1.	1.	1.	
IPE 330	1.	1.	1.	1.	1.	
IPE 500	1.	1.	1.	1.	1.	
LI 1 1/2"x1/8"	1.	1.	1.	1.	1.	
LI 2"X3/8"	1.	1.	1.	1.	1.	
LI 3 1/2"x3/8"	1.	1.	1.	1.	1.	
LI 3 1/2"x5/16"	1.	1.	1.	1.	1.	
PHR C 305X80X2	1.	1.	1.	1.	1.	
PTE 100X50X4	1.	1.	1.	1.	1.	
PTE 135X135X4	1.	1.	1.	1.	1.	
PTE 150X100X4	1.	1.	1.	1.	1.	
PTE 1X2.5	1.	1.	1.	1.	1.	
PTE 2.5X4.0	1.	1.	1.	1.	1.	
PTE 200X200X5	1.	1.	1.	1.	1.	
PTE 2X2.5	1.	1.	1.	1.	1.	
PTE 3X2.0	1.	1.	1.	1.	1.	
PTE 3X4.0	1.	1.	1.	1.	1.	
PTE 40X40X2.5	1.	1.	1.	1.	1.	
TENSOR 5/8	1.	1.	1.	1.	1.	

Table: Frame Section Properties 01 - General, Part 7 of 8

SectionName	JMod	I2Mod	I3Mod	MMod	WMod	GUID
TUB	0.0001	0.0001	0.0001	0.0001	0.0001	
TUB 10"X9	1.	1.	1.	1.	1.	
TUB 6"SCH40	1.	1.	1.	1.	1.	
VIGA ENSAMBLADA	1.	1.	1.	1.	1.	

Table: Frame Section Properties 01 - General, Part 8 of 8

Table: Frame Section Properties 01 - General, Part 8 of 8

SectionName	Notes
ACERO DIAMETRO 0.15	Added 5/12/2024 13:12:10
C60X60	Added 22/11/2024 8:03:33 a. m.
ENSAM 300/12.7	Added 22/11/2024 4:31:22 p. m.
HEA 260	Added 1/05/2021 10:38:56 a. m.
HEA 300	Added 1/05/2021 10:40:10 a. m.
IPE 160	Added 1/05/2021 2:41:57 p. m.
IPE 240	Added 11/08/2023 9:58:27 a. m.
IPE 330	Added 1/05/2021 11:16:36 a. m.
IPE 500	Added 11/08/2023 1:26:31 p. m.
LI 1 1/2"x1/8"	Added 28/07/2021 10:25:03 p. m.
LI 2"X3/8"	Added 28/07/2021 10:21:49 p. m.
LI 3 1/2"x3/8"	Added 28/07/2021 10:29:19 p. m.
LI 3 1/2"x5/16"	Added 28/07/2021 10:27:52 p. m.
PHR C 305X80X2	Added 27/04/2021 9:19:51 p. m.
PTE 100X50X4	Added 22/11/2024 8:16:32 a. m.
PTE 135X135X4	Added 16/04/2024 4:23:06 p. m.
PTE 150X100X4	Added 22/11/2024 8:15:53 a. m.
PTE 1X2.5	Added 15/09/2021 10:17:05 p. m.
PTE 2.5X4.0	Added 1/05/2021 10:51:46 a. m.
PTE 200X200X5	Added 23/11/2024 4:49:32 p. m.
PTE 2X2.5	Added 1/05/2021 10:50:04 a. m.
PTE 3X2.0	Added 1/05/2021 2:49:47 p. m.
PTE 3X4.0	Added 1/05/2021 3:12:46 p. m.
PTE 40X40X2.5	Added 17/04/2024 8:46:36 a. m.
TENSOR 5/8	Added 1/05/2021 10:42:29 a. m.
TUB	Added 16/04/2024 4:21:35 p. m.
TUB 10"X9	Added 22/11/2024 12:01:57 p. m.
TUB 6"SCH40	Added 1/05/2021 10:51:01 a. m.
VIGA ENSAMBLADA	Added 1/05/2021 10:41:16 a. m.

Table: Frame Section Properties 13 - Time Dependent

Table: Frame Section Properties 13 - Time Dependent

SectionName	TypeSize	AutoValSize	AutoSFSize	UserValSize
		m		m
ACERO DIAMETRO 0.15	Auto	0.0075	1.	
C60X60	Auto	0.3	1.	
ENSAM 300/12.7	Auto	0.0127	1.	
HEA 260	Auto	0.	1.	
HEA 300	Auto	0.	1.	
IPE 160	Auto	0.	1.	

Table: Frame Section Properties 13 - Time Dependent

SectionName	TypeSize	AutoValSize	AutoSFSize	UserValSize
		m		m
IPE 240	Auto	0.	1.	
IPE 330	Auto	0.	1.	
IPE 500	Auto	0.	1.	
LI 1 1/2"x1/8"	Auto	0.00305	1.	
LI 2"X3/8"	Auto	0.00861	1.	
LI 3 1/2"x3/8"	Auto	0.00901	1.	
LI 3 1/2"x5/16"	Auto	0.00759	1.	
PTE 100X50X4	Auto	0.	1.	
PTE 135X135X4	Auto	0.	1.	
PTE 150X100X4	Auto	0.	1.	
PTE 1X2.5	Auto	0.0025	1.	
PTE 2.5X4.0	Auto	0.004	1.	
PTE 200X200X5	Auto	0.	1.	
PTE 2X2.5	Auto	0.0025	1.	
PTE 3X2.0	Auto	0.002	1.	
PTE 3X4.0	Auto	0.004	1.	
PTE 40X40X2.5	Auto	0.	1.	
TENSOR 5/8	Auto	0.00795	1.	
TUB	Auto	0.00635	1.	
TUB 10"X9	Auto	0.009	1.	
TUB 6"SCH40	Auto	0.00711	1.	
VIGA ENSAMBLADA	Auto	0.02561	1.	

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1	GLOBAL	Cartesian	0.44	0.25	-0.25	No	0.44
2	GLOBAL	Cartesian	1.	0.25	-0.25	No	1.
3	GLOBAL	Cartesian	1.56	0.25	-0.25	No	1.56
4	GLOBAL	Cartesian	2.12	0.25	-0.25	No	2.12
5	GLOBAL	Cartesian	2.68	0.25	-0.25	No	2.68
6	GLOBAL	Cartesian	3.24	0.25	-0.25	No	3.24
7	GLOBAL	Cartesian	3.8	0.25	-0.25	No	3.8
8	GLOBAL	Cartesian	4.36	0.25	-0.25	No	4.36
9	GLOBAL	Cartesian	4.92	0.25	-0.25	No	4.92
10	GLOBAL	Cartesian	5.48	0.25	-0.25	No	5.48
11	GLOBAL	Cartesian	6.04	0.25	-0.25	No	6.04
12	GLOBAL	Cartesian	6.6	0.25	-0.25	No	6.6
13	GLOBAL	Cartesian	0.	0.19661	0.244	No	0.
14	GLOBAL	Cartesian	0.	0.30353	0.244	No	0.
15	GLOBAL	Cartesian	0.16	0.19661	0.244	No	0.16
16	GLOBAL	Cartesian	0.16	0.30353	0.244	No	0.16
17	GLOBAL	Cartesian	0.72	0.19661	0.244	No	0.72
18	GLOBAL	Cartesian	0.72	0.30353	0.244	No	0.72
19	GLOBAL	Cartesian	1.28	0.19661	0.244	No	1.28
20	GLOBAL	Cartesian	1.28	0.30353	0.244	No	1.28
21	GLOBAL	Cartesian	1.84	0.19661	0.244	No	1.84
22	GLOBAL	Cartesian	1.84	0.30353	0.244	No	1.84
23	GLOBAL	Cartesian	2.4	0.19661	0.244	No	2.4
24	GLOBAL	Cartesian	2.4	0.30353	0.244	No	2.4
25	GLOBAL	Cartesian	2.96	0.19661	0.244	No	2.96

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
26	GLOBAL	Cartesian	2.96	0.30353	0.244	No	2.96
27	GLOBAL	Cartesian	3.52	0.19661	0.244	No	3.52
28	GLOBAL	Cartesian	3.52	0.30353	0.244	No	3.52
29	GLOBAL	Cartesian	4.08	0.19661	0.244	No	4.08
30	GLOBAL	Cartesian	4.08	0.30353	0.244	No	4.08
31	GLOBAL	Cartesian	4.64	0.19661	0.244	No	4.64
32	GLOBAL	Cartesian	4.64	0.30353	0.244	No	4.64
33	GLOBAL	Cartesian	5.2	0.19661	0.244	No	5.2
34	GLOBAL	Cartesian	5.2	0.30353	0.244	No	5.2
35	GLOBAL	Cartesian	5.76	0.19661	0.244	No	5.76
36	GLOBAL	Cartesian	5.76	0.30353	0.244	No	5.76
37	GLOBAL	Cartesian	6.32	0.19661	0.244	No	6.32
38	GLOBAL	Cartesian	6.32	0.30353	0.244	No	6.32
39	GLOBAL	Cartesian	6.88	0.19661	0.244	No	6.88
40	GLOBAL	Cartesian	6.88	0.30353	0.244	No	6.88
41	GLOBAL	Cartesian	7.04	0.19661	0.244	No	7.04
42	GLOBAL	Cartesian	7.04	0.30353	0.244	No	7.04

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	0.25	-0.25	90a2caf3-99cd-4276-8619-981149866523
2	0.25	-0.25	d666740d-62f4-4ee1-adf7-4c21f8ba8b6b
3	0.25	-0.25	59761719-1f38-45be-87aa-a75b8b5fa583
4	0.25	-0.25	4266f3a4-9195-4fa3-8e40-62398a8f7737
5	0.25	-0.25	5005b055-7ea7-4221-a0d7-190a73b86fa6
6	0.25	-0.25	8bd0d846-584c-4eb6-895c-017e87bb0eca
7	0.25	-0.25	52252a73-03aa-4b6c-ac2e-69f837588fc6
8	0.25	-0.25	9254c46b-5f72-4e39-8e15-6c1c768e2ec4
9	0.25	-0.25	c93f277a-9ab5-403e-adf6-c5d4387539a7
10	0.25	-0.25	28de6a69-c9dd-4171-9b99-695365f967b5
11	0.25	-0.25	7d44a01c-95fc-4318-aab8-f70908cc5e37
12	0.25	-0.25	977cac01-80d0-4aee-ac72-712f14540584
13	0.19661	0.244	962d158c-fc6e-42f9-9625-25b0de64666b
14	0.30353	0.244	f87e73be-5871-4934-af66-759270fc070d
15	0.19661	0.244	4e1dbe8d-e512-4de9-b376-7007f1d5b0b6
16	0.30353	0.244	c6829deb-12b2-4e53-b329-022d3d423db8

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
17	0.19661	0.244	2961db0f-f588-455d-97bf-15cb2419532d
18	0.30353	0.244	8df0426c-66b6-4fa5-b795-f020b84781c4
19	0.19661	0.244	29f15209-3a20-4c24-a1a2-5aa68d2e9265
20	0.30353	0.244	03e866d4-9294-4187-a977-dfdc8d2e8883
21	0.19661	0.244	a44f1abc-3160-485d-8729-f45ce1da9cc0
22	0.30353	0.244	b54d6a2d-0c59-4a17-ba95-eb6d6bd511a0
23	0.19661	0.244	36da2d1a-7757-4d15-82c5-17d67d24abaf
24	0.30353	0.244	020c20b2-bfb3-415c-a09b-5e77dda2d326
25	0.19661	0.244	da546679-7cdb-4334-8573-61ff045d6135
26	0.30353	0.244	97dcdc9d-72c1-4f39-ac78-9943a9796573
27	0.19661	0.244	052c3d20-1b36-40ef-b48c-a799fc0aa7f5
28	0.30353	0.244	21b20e8a-65da-4f8a-a15c-3b8a6f103667
29	0.19661	0.244	2e22a1d7-804c-4bec-8dc8-f9d90bdeb748
30	0.30353	0.244	6b7135ee-d6f7-4926-a41e-ba8c0fa85ae6
31	0.19661	0.244	cba0f8e5-3744-4b01-baad-e493b2d26d9b
32	0.30353	0.244	803f4a5f-da91-4579-8cab-6fac6fc2ba0e
33	0.19661	0.244	a6c0be2c-5727-4f89-833d-68d159ab02cb
34	0.30353	0.244	262d53f9-0575-4068-bdcc-a0006e146756
35	0.19661	0.244	3f6700e2-fabe-4879-8874-b985d4c781d6
36	0.30353	0.244	d468b2bf-4534-433d-bacf-852355e09e17
37	0.19661	0.244	30b0758c-60a4-46a7-87a1-45966a9be47b
38	0.30353	0.244	703e9847-ea35-4e09-aeb7-c0d0c77b06b9
39	0.19661	0.244	7fae7a62-0ad7-4e92-bc98-f8f885b0c9fb
40	0.30353	0.244	ed74213a-9349-4006-8c12-25af9b868a05
41	0.19661	0.244	fb82fe72-3e53-4bf6-aab9-c30563ffddd9
42	0.30353	0.244	495288e0-ac8d-47c7-9b82-f6c2cd3538ce

Table: Joint Pattern Definitions

Table: Joint Pattern Definitions

Pattern
Default

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
13	Yes	Yes	Yes	No	No	No
14	Yes	Yes	Yes	No	No	No
41	No	No	Yes	No	No	No
42	No	No	Yes	No	No	No

Table: Load Pattern Definitions, Part 1 of 2

Table: Load Pattern Definitions, Part 1 of 2

LoadPat	DesignType	SelfWtMult	AutoLoad	NotBasePat	NotRatio	NotDir	GUID
DEAD	Dead	1.					89b71440-d8b9-4957-9c92-dcb794fa0c28
L	Live	0.					e8523ef7-9cf1-46e7-9def-f8c92b2425a2
Lr	Live	0.					4e8c5bfe-bd71-461b-a384-0aa2f257262e
G	Other	0.					0e023544-ab2b-4130-b0ab-df0daae3c90c
Le	Other	0.					4de1edf7-2e97-440a-955f-016558f20bb9
Wx	Other	0.					108a26aa-c5b6-489a-9ca0-b9c0b896e9c1
Wy	Other	0.					c5a5f232-b5d2-4eff-8f7d-31eebcbfbc4b
CFx D	Notional	0.		DEAD	0.002	Global X	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFy D	Notional	0.		DEAD	0.002	Global Y	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFx L	Notional	0.		L	0.002	Global X	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFy L	Notional	0.		L	0.002	Global Y	8e273cdf-2824-4061-b8d9-e6a4f7220372
CFx Lr	Notional	0.		Lr	0.002	Global X	1e8dcd38-73f6-4764-b68f-2688ad0989dd
CFy Lr	Notional	0.		Lr	0.002	Global Y	9d46fb9e-74d8-4584-9f89-81b64581b30b
Ex	Quake	0.	USER LOADS				4fcd391f-6c5b-46c1-a539-aa25293dd916
Ey	Quake	0.	USER LOADS				78020638-31c9-4c45-9574-de3a1b15027e
FSx	Quake	0.	USER LOADS				2ed9a208-ec0e-47c1-84c8-75f930036c6d
FSy	Quake	0.	USER LOADS				be5f789a-2f93-40bc-94e1-46c4823fc9ba
UDx	Quake	0.	USER LOADS				cfaa5d6b-a8f1-40ad-bf9a-d35716149acb

Table: Load Pattern Definitions, Part 1 of 2

LoadPat	DesignType	SelfWtMult	AutoLoad	NotBasePat	NotRatio	NotDir	GUID
UDy	Quake	0.	USER LOADS				eb304c40-9536-4b6e-a261-e505cf82ffe1

Table: Load Pattern Definitions, Part 2 of 2

Table: Load Pattern Definitions, Part 2 of 2

LoadPat	Notes
DEAD	
L	Added 17/04/2021 11:27:29 a. m.
Lr	Added 17/04/2021 11:27:40 a. m.
G	Added 17/04/2021 11:27:56 a. m.
Le	Added 17/04/2021 11:28:02 a. m.
Wx	Added 17/04/2021 11:28:10 a. m.
Wy	Added 17/04/2021 11:28:19 a. m.
CFx D	Added 17/04/2021 12:43:44 p. m.
CFy D	Added 17/04/2021 12:44:04 p. m.
CFx L	Added 17/04/2021 12:44:28 p. m.
CFy L	Added 17/04/2021 12:44:50 p. m.
CFx Lr	Added 17/04/2021 12:45:03 p. m.
CFy Lr	Added 17/04/2021 12:45:09 p. m.
Ex	Added 27/07/2021 8:40:25 p. m.
Ey	Added 27/07/2021 8:41:03 p. m.
FSx	Added 4/09/2023 11:58:19 a. m.
FSy	Added 4/09/2023 11:58:26 a. m.
UDx	Added 4/09/2023 11:58:33 a. m.
UDy	Added 4/09/2023 11:58:41 a. m.

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	SymType	TempDepend	Color	GUID
4000Psi	Concrete	f'c 4000 psi	Isotropic	No	Yellow	913b5503-0307-4f2c-89b6-a3727255efa1
A36	Steel	Grade 36	Isotropic	No	Gray8Dark	156654cf-7b83-4d00-b9af-c284a3f15f3f
A416Gr270	Tendon	Grade 270	Uniaxial	No	Magenta	7c3b9d73-a127-42bd-b343-8503142fc6ce
A500GrC	Steel	Grade C	Isotropic	No	Gray8Dark	d24528e1-a184-4648-9296-2bcc67f47ec8
A53GrB	Steel	Grade B	Isotropic	No	Cyan	75d9f620-1e2d-4595-8d8d-9609361229c4
A572Gr50	Steel	Grade 50	Isotropic	No	Blue	3a5eaff2-fca2-4b07-877c-39ed28734da1
A615Gr60	Rebar	Grade 60	Uniaxial	No	Green	f430aec0-81a0-42f9-8ab0-8d4f8d5c2a7f
A653SQGr50	ColdFormed	SQ Grade 50	Isotropic	No	Green	a05cf719-4849-4c94-83de-0be7a4783db1
A992Fy50	Steel	Grade 50	Isotropic	No	Magenta	
MAT0	Concrete		Isotropic	No	Yellow	2700b4ee-d9c4-4c3f-9595-c7af6455445d

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Customary f'c 4000 psi 17/04/2021 11:27:06 a. m.
A36	United States ASTM A36 Grade 36 added 28/07/2021 10:20:33 p. m.
A416Gr270	ASTM A416 Grade 270 1/05/2021 10:18:57 a. m.
A500GrC	United States ASTM A500 Grade C added 27/04/2021 9:15:25 p. m.
A53GrB	United States ASTM A53 Grade B added 22/11/2024 8:12:15 a. m.
A572Gr50	United States ASTM A572 Grade 50 added 27/04/2021 9:15:38 p. m.
A615Gr60	ASTM A615 Grade 60 1/05/2021 10:38:09 a. m.
A653SQGr50	ASTM A653 SQ Grade 50 27/04/2021 9:16:29 p. m.
A992Fy50	ASTM A992 Grade 50 17/04/2021 11:27:06 a. m.
MAT0	Customary f'c 4000 psi 17/04/2021 11:27:06 a. m.

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy	Fu	EffFy	EffFu	SSCurveOpt	SSHysType	SHard	SMax
	KN/m2	KN/m2	KN/m2	KN/m2				
A36	248211.28	399895.96	372316.93	439885.55	Simple	Kinematic	0.02	0.14
A500GrC	344737.89	427474.99	379211.68	470222.49	Simple	Kinematic	0.018	0.12
A53GrB	241316.53	413685.47	265448.18	455054.02	Simple	Kinematic	0.02	0.14
A572Gr50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	SRup	FinalSlope	CoupModType
A36	0.2	-0.1	Von Mises
A500GrC	0.18	-0.1	Von Mises
A53GrB	0.2	-0.1	Von Mises
A572Gr50	0.17	-0.1	Von Mises
A992Fy50	0.17	-0.1	Von Mises

Table: Program Control, Part 1 of 2

Table: Program Control, Part 1 of 2

ProgramName	Version	ProgLevel	LicenseNum	LicenseOS	LicenseSC	LicenseHT	CurrUnits
SAP2000	24.2.0	Ultimate	3010*1BMB9U5HFBWYTE6	Yes	Yes	No	KN, m, C

Table: Program Control, Part 2 of 2

Table: Program Control, Part 2 of 2

SteelCode	ConcCode	AlumCode	ColdCode	RegenHinge
AISC 360-16	ACI 318-14	AA 2015	AISI-ASD96	Yes

ANEXO C. DATOS DE ENTRADA Y SALIDA – CUBIERTA CERCHA TIPO 3

Table: Combination Definitions, Part 1 of 3

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS01	Linear Add	No	Linear Static	DEAD	1.4	None
DIS01			Linear Static	CFx D	1.4	
DIS02	Linear Add	No	Linear Static	DEAD	1.4	None
DIS02			Linear Static	CFx D	-1.4	
DIS03	Linear Add	No	Linear Static	DEAD	1.4	None
DIS03			Linear Static	CFy D	1.4	
DIS04	Linear Add	No	Linear Static	DEAD	1.4	None
DIS04			Linear Static	CFy D	-1.4	
DIS05	Linear Add	No	Linear Static	DEAD	1.2	None
DIS05			Linear Static	L	1.6	
DIS05			Linear Static	Lr	0.5	
DIS05			Linear Static	CFx D	1.2	
DIS05			Linear Static	CFx L	1.6	
DIS05			Linear Static	CFx Lr	0.5	
DIS06	Linear Add	No	Linear Static	DEAD	1.2	None
DIS06			Linear Static	L	1.6	
DIS06			Linear Static	Lr	0.5	
DIS06			Linear Static	CFx D	-1.2	
DIS06			Linear Static	CFx L	-1.6	
DIS06			Linear Static	CFx Lr	-0.5	
DIS07	Linear Add	No	Linear Static	DEAD	1.2	None
DIS07			Linear Static	L	1.6	
DIS07			Linear Static	Lr	0.5	
DIS07			Linear Static	CFy D	1.2	
DIS07			Linear Static	CFy L	1.6	
DIS07			Linear Static	CFy Lr	0.5	
DIS08	Linear Add	No	Linear Static	DEAD	1.2	None
DIS08			Linear Static	L	1.6	
DIS08			Linear Static	Lr	0.5	
DIS08			Linear Static	CFy D	-1.2	
DIS08			Linear Static	CFy L	-1.6	
DIS08			Linear Static	CFy Lr	-0.5	
DIS09	Linear Add	No	Linear Static	DEAD	1.2	None
DIS09			Linear Static	L	1.6	
DIS09			Linear Static	G	0.5	
DIS09			Linear Static	CFx D	1.2	
DIS09			Linear Static	CFx L	1.6	
DIS10	Linear Add	No	Linear Static	DEAD	1.2	None
DIS10			Linear Static	L	1.6	
DIS10			Linear Static	G	0.5	
DIS10			Linear Static	CFx D	-1.2	
DIS10			Linear Static	CFx L	-1.6	
DIS11	Linear Add	No	Linear Static	DEAD	1.2	None
DIS11			Linear Static	L	1.6	
DIS11			Linear Static	G	0.5	
DIS11			Linear Static	CFy D	1.2	
DIS11			Linear Static	CFy L	1.6	
DIS12	Linear Add	No	Linear Static	DEAD	1.2	None
DIS12			Linear Static	L	1.6	
DIS12			Linear Static	G	0.5	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS12			Linear Static	CFy D	-1.2	
DIS12			Linear Static	CFy L	-1.6	
DIS13	Linear Add	No	Linear Static	DEAD	1.2	None
DIS13			Linear Static	L	1.6	
DIS13			Linear Static	Le	0.5	
DIS13			Linear Static	CFx D	1.2	
DIS13			Linear Static	CFx L	1.6	
DIS14	Linear Add	No	Linear Static	DEAD	1.2	None
DIS14			Linear Static	L	1.6	
DIS14			Linear Static	Le	0.5	
DIS14			Linear Static	CFx D	-1.2	
DIS14			Linear Static	CFx L	-1.6	
DIS15	Linear Add	No	Linear Static	DEAD	1.2	None
DIS15			Linear Static	L	1.6	
DIS15			Linear Static	Le	0.5	
DIS15			Linear Static	CFy D	1.2	
DIS15			Linear Static	CFy L	1.6	
DIS16	Linear Add	No	Linear Static	DEAD	1.2	None
DIS16			Linear Static	L	1.6	
DIS16			Linear Static	Le	0.5	
DIS16			Linear Static	CFy D	-1.2	
DIS16			Linear Static	CFy L	-1.6	
DIS17	Linear Add	No	Linear Static	DEAD	1.2	None
DIS17			Linear Static	L	1.	
DIS17			Linear Static	Lr	1.6	
DIS17			Linear Static	CFx D	1.2	
DIS17			Linear Static	CFx L	1.	
DIS17			Linear Static	CFx Lr	1.6	
DIS18	Linear Add	No	Linear Static	DEAD	1.2	None
DIS18			Linear Static	L	1.	
DIS18			Linear Static	Lr	1.6	
DIS18			Linear Static	CFx D	-1.2	
DIS18			Linear Static	CFx L	-1.	
DIS18			Linear Static	CFx Lr	-1.6	
DIS19	Linear Add	No	Linear Static	DEAD	1.2	None
DIS19			Linear Static	L	1.	
DIS19			Linear Static	Lr	1.6	
DIS19			Linear Static	CFy D	1.2	
DIS19			Linear Static	CFy L	1.	
DIS19			Linear Static	CFy Lr	1.6	
DIS20	Linear Add	No	Linear Static	DEAD	1.2	None
DIS20			Linear Static	L	1.	
DIS20			Linear Static	Lr	1.6	
DIS20			Linear Static	CFy D	-1.2	
DIS20			Linear Static	CFy L	-1.	
DIS20			Linear Static	CFy Lr	-1.6	
DIS21	Linear Add	No	Linear Static	DEAD	1.2	None
DIS21			Linear Static	L	1.	
DIS21			Linear Static	G	1.6	
DIS21			Linear Static	CFx D	1.2	
DIS21			Linear Static	CFx L	1.	
DIS22	Linear Add	No	Linear Static	DEAD	1.2	None
DIS22			Linear Static	L	1.	
DIS22			Linear Static	G	1.6	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS22			Linear Static	CFx D	-1.2	
DIS22			Linear Static	CFx L	-1.2	
DIS23	Linear Add	No	Linear Static	DEAD	1.2	None
DIS23			Linear Static	L	1.	
DIS23			Linear Static	G	1.6	
DIS23			Linear Static	CFy D	1.2	
DIS23			Linear Static	CFy L	1.	
DIS24	Linear Add	No	Linear Static	DEAD	1.2	None
DIS24			Linear Static	L	1.	
DIS24			Linear Static	G	1.6	
DIS24			Linear Static	CFy D	-1.2	
DIS24			Linear Static	CFy L	-1.	
DIS25	Linear Add	No	Linear Static	DEAD	1.2	None
DIS25			Linear Static	L	1.	
DIS25			Linear Static	Le	1.6	
DIS25			Linear Static	CFx D	1.2	
DIS25			Linear Static	CFx L	1.	
DIS26	Linear Add	No	Linear Static	DEAD	1.2	None
DIS26			Linear Static	L	1.	
DIS26			Linear Static	Le	1.6	
DIS26			Linear Static	CFx D	-1.2	
DIS26			Linear Static	CFx L	-1.	
DIS27	Linear Add	No	Linear Static	DEAD	1.2	None
DIS27			Linear Static	L	1.	
DIS27			Linear Static	Le	1.6	
DIS27			Linear Static	CFy D	1.2	
DIS27			Linear Static	CFy L	1.	
DIS28	Linear Add	No	Linear Static	DEAD	1.2	None
DIS28			Linear Static	L	1.	
DIS28			Linear Static	Le	1.6	
DIS28			Linear Static	CFy D	-1.2	
DIS28			Linear Static	CFy L	-1.	
DIS29	Linear Add	No	Linear Static	DEAD	1.2	None
DIS29			Linear Static	Lr	1.6	
DIS29			Linear Static	Wx	0.5	
DIS30	Linear Add	No	Linear Static	DEAD	1.2	None
DIS30			Linear Static	Lr	1.6	
DIS30			Linear Static	Wy	0.5	
DIS31	Linear Add	No	Linear Static	DEAD	1.2	None
DIS31			Linear Static	Lr	1.6	
DIS31			Linear Static	Wx	0.38	
DIS31			Linear Static	Wy	0.38	
DIS32	Linear Add	No	Linear Static	DEAD	1.2	None
DIS32			Linear Static	G	1.6	
DIS32			Linear Static	Wx	0.5	
DIS33	Linear Add	No	Linear Static	DEAD	1.2	None
DIS33			Linear Static	G	1.6	
DIS33			Linear Static	Wy	0.5	
DIS34	Linear Add	No	Linear Static	DEAD	1.2	None
DIS34			Linear Static	G	1.6	
DIS34			Linear Static	Wx	0.38	
DIS34			Linear Static	Wy	0.38	
DIS35	Linear Add	No	Linear Static	DEAD	1.2	None
DIS35			Linear Static	Le	1.6	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS35			Linear Static	Wx	0.5	
DIS36	Linear Add	No	Linear Static	DEAD	1.2	None
DIS36			Linear Static	Le	1.6	
DIS36			Linear Static	Wy	0.5	
DIS37	Linear Add	No	Linear Static	DEAD	1.2	None
DIS37			Linear Static	Le	1.6	
DIS37			Linear Static	Wx	0.38	
DIS37			Linear Static	Wy	0.38	
DIS38	Linear Add	No	Linear Static	DEAD	1.2	None
DIS38			Linear Static	L	1.	
DIS38			Linear Static	Lr	0.5	
DIS38			Linear Static	Wx	1.	
DIS39	Linear Add	No	Linear Static	DEAD	1.2	None
DIS39			Linear Static	L	1.	
DIS39			Linear Static	Lr	0.5	
DIS39			Linear Static	Wy	1.	
DIS40	Linear Add	No	Linear Static	DEAD	1.2	None
DIS40			Linear Static	L	1.	
DIS40			Linear Static	Lr	0.5	
DIS40			Linear Static	Wy	0.75	
DIS40			Linear Static	Wx	0.75	
DIS41	Linear Add	No	Linear Static	DEAD	1.2	None
DIS41			Linear Static	L	1.	
DIS41			Linear Static	G	0.5	
DIS41			Linear Static	Wx	1.	
DIS42	Linear Add	No	Linear Static	DEAD	1.2	None
DIS42			Linear Static	L	1.	
DIS42			Linear Static	G	0.5	
DIS42			Linear Static	Wy	1.	
DIS43	Linear Add	No	Linear Static	DEAD	1.2	None
DIS43			Linear Static	L	1.	
DIS43			Linear Static	G	0.5	
DIS43			Linear Static	Wx	0.75	
DIS43			Linear Static	Wy	0.75	
DIS44	Linear Add	No	Linear Static	DEAD	1.2	None
DIS44			Linear Static	L	1.	
DIS44			Linear Static	Le	0.5	
DIS44			Linear Static	Wx	1.	
DIS45	Linear Add	No	Linear Static	DEAD	1.2	None
DIS45			Linear Static	L	1.	
DIS45			Linear Static	Le	0.5	
DIS45			Linear Static	Wy	1.	
DIS46	Linear Add	No	Linear Static	DEAD	1.2	None
DIS46			Linear Static	L	1.	
DIS46			Linear Static	Le	0.5	
DIS46			Linear Static	Wx	0.75	
DIS46			Linear Static	Wy	0.75	
DIS47	Linear Add	No	Linear Static	DEAD	1.2	None
DIS47			Linear Static	L	1.	
DIS47			Linear Static	CFx D	1.2	
DIS47			Linear Static	CFx L	1.	
DIS48	Linear Add	No	Linear Static	DEAD	1.2	None
DIS48			Linear Static	L	1.	
DIS48			Linear Static	CFx D	-1.2	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS48			Linear Static	CFx L	-1.	
DIS49	Linear Add	No	Linear Static	DEAD	1.2	None
DIS49			Linear Static	L	1.	
DIS49			Linear Static	CFy D	1.2	
DIS49			Linear Static	CFy L	1.	
DIS50	Linear Add	No	Linear Static	DEAD	1.2	None
DIS50			Linear Static	L	1.	
DIS50			Linear Static	CFy D	-1.2	
DIS50			Linear Static	CFy L	-1.	
DIS51	Linear Add	No	Linear Static	DEAD	0.9	None
DIS51			Linear Static	Wx	1.	
DIS52	Linear Add	No	Linear Static	DEAD	0.9	None
DIS52			Linear Static	Wy	1.	
DIS53	Linear Add	No	Linear Static	DEAD	0.9	None
DIS53			Linear Static	Wx	0.75	
DIS53			Linear Static	Wy	0.75	
DIS54	Linear Add	No	Linear Static	DEAD	0.9	None
DIS54			Linear Static	CFx D	0.9	
DIS55	Linear Add	No	Linear Static	DEAD	0.9	None
DIS55			Linear Static	CFx D	-0.9	
DIS56	Linear Add	No	Linear Static	DEAD	0.9	None
DIS56			Linear Static	CFy D	0.9	
DIS57	Linear Add	No	Linear Static	DEAD	0.9	None
DIS57			Linear Static	CFy D	-0.9	
DIS58	Linear Add	No	Linear Static	DEAD	1.2	None
DIS58			Linear Static	L	1.	
DIS58			Response Spectrum	Ex	1.	
DIS58			Response Spectrum	Ey	0.3	
DIS59	Linear Add	No	Linear Static	DEAD	1.2	None
DIS59			Linear Static	L	1.	
DIS59			Response Spectrum	Ex	1.	
DIS59			Response Spectrum	Ey	-0.3	
DIS60	Linear Add	No	Linear Static	DEAD	1.2	None
DIS60			Linear Static	L	1.	
DIS60			Response Spectrum	Ex	-1.	
DIS60			Response Spectrum	Ey	0.3	
DIS61	Linear Add	No	Linear Static	DEAD	1.2	None
DIS61			Linear Static	L	1.	
DIS61			Response Spectrum	Ex	-1.	
DIS61			Response Spectrum	Ey	-0.3	
DIS62	Linear Add	No	Linear Static	DEAD	1.2	None
DIS62			Linear Static	L	1.	
DIS62			Response Spectrum	Ex	0.3	
DIS62			Response Spectrum	Ey	1.	
DIS63	Linear Add	No	Linear Static	DEAD	1.2	None
DIS63			Linear Static	L	1.	
DIS63			Response Spectrum	Ex	-0.3	
DIS63			Response Spectrum	Ey	1.	
DIS64	Linear Add	No	Linear Static	DEAD	1.2	None
DIS64			Linear Static	L	1.	
DIS64			Response Spectrum	Ex	0.3	
DIS64			Response Spectrum	Ey	-1.	
DIS65	Linear Add	No	Linear Static	DEAD	1.2	None
DIS65			Linear Static	L	1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS65			Response Spectrum	Ex	-0.3	
DIS65			Response Spectrum	Ey	-1.	
DIS66	Linear Add	No	Linear Static	DEAD	0.9	None
DIS66			Response Spectrum	Ex	1.	
DIS66			Response Spectrum	Ey	0.3	
DIS67	Linear Add	No	Linear Static	DEAD	0.9	None
DIS67			Response Spectrum	Ex	1.	
DIS67			Response Spectrum	Ey	-0.3	
DIS68	Linear Add	No	Linear Static	DEAD	0.9	None
DIS68			Response Spectrum	Ex	-1.	
DIS68			Response Spectrum	Ey	0.3	
DIS69	Linear Add	No	Linear Static	DEAD	0.9	None
DIS69			Response Spectrum	Ex	-1.	
DIS69			Response Spectrum	Ey	-0.3	
DIS70	Linear Add	No	Linear Static	DEAD	0.9	None
DIS70			Response Spectrum	Ex	0.3	
DIS70			Response Spectrum	Ey	1.	
DIS71	Linear Add	No	Linear Static	DEAD	0.9	None
DIS71			Response Spectrum	Ex	-0.3	
DIS71			Response Spectrum	Ey	1.	
DIS72	Linear Add	No	Linear Static	DEAD	0.9	None
DIS72			Response Spectrum	Ex	0.3	
DIS72			Response Spectrum	Ey	-1.	
DIS73	Linear Add	No	Linear Static	DEAD	0.9	None
DIS73			Response Spectrum	Ex	-0.3	
DIS73			Response Spectrum	Ey	-1.	
DIS	Envelope	No	Response Combo	DIS01	1.	None
DIS			Response Combo	DIS02	1.	
DIS			Response Combo	DIS03	1.	
DIS			Response Combo	DIS04	1.	
DIS			Response Combo	DIS05	1.	
DIS			Response Combo	DIS06	1.	
DIS			Response Combo	DIS07	1.	
DIS			Response Combo	DIS08	1.	
DIS			Response Combo	DIS09	1.	
DIS			Response Combo	DIS10	1.	
DIS			Response Combo	DIS11	1.	
DIS			Response Combo	DIS12	1.	
DIS			Response Combo	DIS13	1.	
DIS			Response Combo	DIS14	1.	
DIS			Response Combo	DIS15	1.	
DIS			Response Combo	DIS16	1.	
DIS			Response Combo	DIS17	1.	
DIS			Response Combo	DIS18	1.	
DIS			Response Combo	DIS19	1.	
DIS			Response Combo	DIS20	1.	
DIS			Response Combo	DIS21	1.	
DIS			Response Combo	DIS22	1.	
DIS			Response Combo	DIS23	1.	
DIS			Response Combo	DIS24	1.	
DIS			Response Combo	DIS25	1.	
DIS			Response Combo	DIS26	1.	
DIS			Response Combo	DIS27	1.	
DIS			Response Combo	DIS28	1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DIS			Response Combo	DIS29	1.	
DIS			Response Combo	DIS30	1.	
DIS			Response Combo	DIS31	1.	
DIS			Response Combo	DIS32	1.	
DIS			Response Combo	DIS33	1.	
DIS			Response Combo	DIS34	1.	
DIS			Response Combo	DIS35	1.	
DIS			Response Combo	DIS36	1.	
DIS			Response Combo	DIS37	1.	
DIS			Response Combo	DIS38	1.	
DIS			Response Combo	DIS39	1.	
DIS			Response Combo	DIS40	1.	
DIS			Response Combo	DIS41	1.	
DIS			Response Combo	DIS42	1.	
DIS			Response Combo	DIS43	1.	
DIS			Response Combo	DIS44	1.	
DIS			Response Combo	DIS45	1.	
DIS			Response Combo	DIS46	1.	
DIS			Response Combo	DIS47	1.	
DIS			Response Combo	DIS48	1.	
DIS			Response Combo	DIS49	1.	
DIS			Response Combo	DIS50	1.	
DIS			Response Combo	DIS51	1.	
DIS			Response Combo	DIS52	1.	
DIS			Response Combo	DIS53	1.	
DIS			Response Combo	DIS54	1.	
DIS			Response Combo	DIS55	1.	
DIS			Response Combo	DIS56	1.	
DIS			Response Combo	DIS57	1.	
DIS			Response Combo	DIS58	1.	
DIS			Response Combo	DIS59	1.	
DIS			Response Combo	DIS60	1.	
DIS			Response Combo	DIS61	1.	
DIS			Response Combo	DIS62	1.	
DIS			Response Combo	DIS63	1.	
DIS			Response Combo	DIS64	1.	
DIS			Response Combo	DIS65	1.	
DIS			Response Combo	DIS66	1.	
DIS			Response Combo	DIS67	1.	
DIS			Response Combo	DIS68	1.	
DIS			Response Combo	DIS69	1.	
DIS			Response Combo	DIS70	1.	
DIS			Response Combo	DIS71	1.	
DIS			Response Combo	DIS72	1.	
DIS			Response Combo	DIS73	1.	
DER01	Linear Add	No	Linear Static	DEAD	1.2	None
DER01			Linear Static	L	1.	
DER01			Response Spectrum	FSx	1.	
DER01			Response Spectrum	FSy	0.3	
DER02	Linear Add	No	Linear Static	DEAD	1.2	None
DER02			Linear Static	L	1.	
DER02			Response Spectrum	FSx	1.	
DER02			Response Spectrum	FSy	-0.3	
DER03	Linear Add	No	Linear Static	DEAD	1.2	None

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
DER03			Linear Static	L	1.	
DER03			Response Spectrum	FSx	-1.	
DER03			Response Spectrum	FSy	0.3	
DER04	Linear Add	No	Linear Static	DEAD	1.2	None
DER04			Linear Static	L	1.	
DER04			Response Spectrum	FSx	-1.	
DER04			Response Spectrum	FSy	-0.3	
DER05	Linear Add	No	Linear Static	DEAD	1.2	None
DER05			Linear Static	L	1.	
DER05			Response Spectrum	FSx	0.3	
DER05			Response Spectrum	FSy	1.	
DER06	Linear Add	No	Linear Static	DEAD	1.2	None
DER06			Linear Static	L	1.	
DER06			Response Spectrum	FSx	-0.3	
DER06			Response Spectrum	FSy	1.	
DER07	Linear Add	No	Linear Static	DEAD	1.2	None
DER07			Linear Static	L	1.	
DER07			Response Spectrum	FSx	0.3	
DER07			Response Spectrum	FSy	-1.	
DER08	Linear Add	No	Linear Static	DEAD	1.2	None
DER08			Linear Static	L	1.	
DER08			Response Spectrum	FSx	-0.3	
DER08			Response Spectrum	FSy	-1.	
DER09	Linear Add	No	Linear Static	DEAD	0.9	None
DER09			Response Spectrum	FSx	1.	
DER09			Response Spectrum	FSy	0.3	
DER10	Linear Add	No	Linear Static	DEAD	0.9	None
DER10			Response Spectrum	FSx	1.	
DER10			Response Spectrum	FSy	-0.3	
DER11	Linear Add	No	Linear Static	DEAD	0.9	None
DER11			Response Spectrum	FSx	-1.	
DER11			Response Spectrum	FSy	0.3	
DER12	Linear Add	No	Linear Static	DEAD	0.9	None
DER12			Response Spectrum	FSx	-1.	
DER12			Response Spectrum	FSy	-0.3	
DER13	Linear Add	No	Linear Static	DEAD	0.9	None
DER13			Response Spectrum	FSx	0.3	
DER13			Response Spectrum	FSy	1.	
DER14	Linear Add	No	Linear Static	DEAD	0.9	None
DER14			Response Spectrum	FSx	-0.3	
DER14			Response Spectrum	FSy	1.	
DER15	Linear Add	No	Linear Static	DEAD	0.9	None
DER15			Response Spectrum	FSx	0.3	
DER15			Response Spectrum	FSy	-1.	
DER16	Linear Add	No	Linear Static	DEAD	0.9	None
DER16			Response Spectrum	FSx	-0.3	
DER16			Response Spectrum	FSy	-1.	
UD01	Linear Add	No	Linear Static	DEAD	1.2	None
UD01			Linear Static	L	1.	
UD01			Response Spectrum	UDx	1.	
UD01			Response Spectrum	UDy	0.3	
UD02	Linear Add	No	Linear Static	DEAD	1.2	None
UD02			Linear Static	L	1.	
UD02			Response Spectrum	UDx	1.	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
UD02			Response Spectrum	UDy	-0.3	
UD03	Linear Add	No	Linear Static	DEAD	1.2	None
UD03			Linear Static	L	1.	
UD03			Response Spectrum	UDx	-1.	
UD03			Response Spectrum	UDy	0.3	
UD04	Linear Add	No	Linear Static	DEAD	1.2	None
UD04			Linear Static	L	1.	
UD04			Response Spectrum	UDx	-1.	
UD04			Response Spectrum	UDy	-0.3	
UD05	Linear Add	No	Linear Static	DEAD	1.2	None
UD05			Linear Static	L	1.	
UD05			Response Spectrum	UDx	0.3	
UD05			Response Spectrum	UDy	1.	
UD06	Linear Add	No	Linear Static	DEAD	1.2	None
UD06			Linear Static	L	1.	
UD06			Response Spectrum	UDx	-0.3	
UD06			Response Spectrum	UDy	1.	
UD07	Linear Add	No	Linear Static	DEAD	1.2	None
UD07			Linear Static	L	1.	
UD07			Response Spectrum	UDx	0.3	
UD07			Response Spectrum	UDy	-1.	
UD08	Linear Add	No	Linear Static	DEAD	1.2	None
UD08			Linear Static	L	1.	
UD08			Response Spectrum	UDx	-0.3	
UD08			Response Spectrum	UDy	-1.	
UD09	Linear Add	No	Linear Static	DEAD	0.9	None
UD09			Response Spectrum	UDx	1.	
UD09			Response Spectrum	UDy	0.3	
UD10	Linear Add	No	Linear Static	DEAD	0.9	None
UD10			Response Spectrum	UDx	1.	
UD10			Response Spectrum	UDy	-0.3	
UD11	Linear Add	No	Linear Static	DEAD	0.9	None
UD11			Response Spectrum	UDx	-1.	
UD11			Response Spectrum	UDy	0.3	
UD12	Linear Add	No	Linear Static	DEAD	0.9	None
UD12			Response Spectrum	UDx	-1.	
UD12			Response Spectrum	UDy	-0.3	
UD13	Linear Add	No	Linear Static	DEAD	0.9	None
UD13			Response Spectrum	UDx	0.3	
UD13			Response Spectrum	UDy	1.	
UD14	Linear Add	No	Linear Static	DEAD	0.9	None
UD14			Response Spectrum	UDx	-0.3	
UD14			Response Spectrum	UDy	1.	
UD15	Linear Add	No	Linear Static	DEAD	0.9	None
UD15			Response Spectrum	UDx	0.3	
UD15			Response Spectrum	UDy	-1.	
UD16	Linear Add	No	Linear Static	DEAD	0.9	None
UD16			Response Spectrum	UDx	-0.3	
UD16			Response Spectrum	UDy	-1.	

Table: Combination Definitions, Part 2 of 3

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS01	DEAD	None	None	None
DIS01	CFx D			
DIS02	DEAD	None	None	None
DIS02	CFx D			
DIS03	DEAD	None	None	None
DIS03	CFy D			
DIS04	DEAD	None	None	None
DIS04	CFy D			
DIS05	DEAD	None	None	None
DIS05	L			
DIS05	Lr			
DIS05	CFx D			
DIS05	CFx L			
DIS05	CFx Lr			
DIS06	DEAD	None	None	None
DIS06	L			
DIS06	Lr			
DIS06	CFx D			
DIS06	CFx L			
DIS06	CFx Lr			
DIS07	DEAD	None	None	None
DIS07	L			
DIS07	Lr			
DIS07	CFy D			
DIS07	CFy L			
DIS07	CFy Lr			
DIS08	DEAD	None	None	None
DIS08	L			
DIS08	Lr			
DIS08	CFy D			
DIS08	CFy L			
DIS08	CFy Lr			
DIS09	DEAD	None	None	None
DIS09	L			
DIS09	G			
DIS09	CFx D			
DIS09	CFx L			
DIS10	DEAD	None	None	None
DIS10	L			
DIS10	G			
DIS10	CFx D			
DIS10	CFx L			
DIS11	DEAD	None	None	None
DIS11	L			
DIS11	G			
DIS11	CFy D			
DIS11	CFy L			
DIS12	DEAD	None	None	None
DIS12	L			
DIS12	G			
DIS12	CFy D			
DIS12	CFy L			
DIS13	DEAD	None	None	None

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS13	L			
DIS13	Le			
DIS13	CFx D			
DIS13	CFx L			
DIS14	DEAD	None	None	None
DIS14	L			
DIS14	Le			
DIS14	CFx D			
DIS14	CFx L			
DIS15	DEAD	None	None	None
DIS15	L			
DIS15	Le			
DIS15	CFy D			
DIS15	CFy L			
DIS16	DEAD	None	None	None
DIS16	L			
DIS16	Le			
DIS16	CFy D			
DIS16	CFy L			
DIS17	DEAD	None	None	None
DIS17	L			
DIS17	Lr			
DIS17	CFx D			
DIS17	CFx L			
DIS17	CFx Lr			
DIS18	DEAD	None	None	None
DIS18	L			
DIS18	Lr			
DIS18	CFx D			
DIS18	CFx L			
DIS18	CFx Lr			
DIS19	DEAD	None	None	None
DIS19	L			
DIS19	Lr			
DIS19	CFy D			
DIS19	CFy L			
DIS19	CFy Lr			
DIS20	DEAD	None	None	None
DIS20	L			
DIS20	Lr			
DIS20	CFy D			
DIS20	CFy L			
DIS20	CFy Lr			
DIS21	DEAD	None	None	None
DIS21	L			
DIS21	G			
DIS21	CFx D			
DIS21	CFx L			
DIS22	DEAD	None	None	None
DIS22	L			
DIS22	G			
DIS22	CFx D			
DIS22	CFx L			
DIS23	DEAD	None	None	None

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS23	L			
DIS23	G			
DIS23	CFy D			
DIS23	CFy L			
DIS24	DEAD	None	None	None
DIS24	L			
DIS24	G			
DIS24	CFy D			
DIS24	CFy L			
DIS25	DEAD	None	None	None
DIS25	L			
DIS25	Le			
DIS25	CFx D			
DIS25	CFx L			
DIS26	DEAD	None	None	None
DIS26	L			
DIS26	Le			
DIS26	CFx D			
DIS26	CFx L			
DIS27	DEAD	None	None	None
DIS27	L			
DIS27	Le			
DIS27	CFy D			
DIS27	CFy L			
DIS28	DEAD	None	None	None
DIS28	L			
DIS28	Le			
DIS28	CFy D			
DIS28	CFy L			
DIS29	DEAD	None	None	None
DIS29	Lr			
DIS29	Wx			
DIS30	DEAD	None	None	None
DIS30	Lr			
DIS30	Wy			
DIS31	DEAD	None	None	None
DIS31	Lr			
DIS31	Wx			
DIS31	Wy			
DIS32	DEAD	None	None	None
DIS32	G			
DIS32	Wx			
DIS33	DEAD	None	None	None
DIS33	G			
DIS33	Wy			
DIS34	DEAD	None	None	None
DIS34	G			
DIS34	Wx			
DIS34	Wy			
DIS35	DEAD	None	None	None
DIS35	Le			
DIS35	Wx			
DIS36	DEAD	None	None	None
DIS36	Le			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS36	Wy			
DIS37	DEAD	None	None	None
DIS37	Le			
DIS37	Wx			
DIS37	Wy			
DIS38	DEAD	None	None	None
DIS38	L			
DIS38	Lr			
DIS38	Wx			
DIS39	DEAD	None	None	None
DIS39	L			
DIS39	Lr			
DIS39	Wy			
DIS40	DEAD	None	None	None
DIS40	L			
DIS40	Lr			
DIS40	Wy			
DIS40	Wx			
DIS41	DEAD	None	None	None
DIS41	L			
DIS41	G			
DIS41	Wx			
DIS42	DEAD	None	None	None
DIS42	L			
DIS42	G			
DIS42	Wy			
DIS43	DEAD	None	None	None
DIS43	L			
DIS43	G			
DIS43	Wx			
DIS43	Wy			
DIS44	DEAD	None	None	None
DIS44	L			
DIS44	Le			
DIS44	Wx			
DIS45	DEAD	None	None	None
DIS45	L			
DIS45	Le			
DIS45	Wy			
DIS46	DEAD	None	None	None
DIS46	L			
DIS46	Le			
DIS46	Wx			
DIS46	Wy			
DIS47	DEAD	None	None	None
DIS47	L			
DIS47	CFx D			
DIS47	CFx L			
DIS48	DEAD	None	None	None
DIS48	L			
DIS48	CFx D			
DIS48	CFx L			
DIS49	DEAD	None	None	None
DIS49	L			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS49	CFy D			
DIS49	CFy L			
DIS50	DEAD	None	None	None
DIS50	L			
DIS50	CFy D			
DIS50	CFy L			
DIS51	DEAD	None	None	None
DIS51	Wx			
DIS52	DEAD	None	None	None
DIS52	Wy			
DIS53	DEAD	None	None	None
DIS53	Wx			
DIS53	Wy			
DIS54	DEAD	None	None	None
DIS54	CFx D			
DIS55	DEAD	None	None	None
DIS55	CFx D			
DIS56	DEAD	None	None	None
DIS56	CFy D			
DIS57	DEAD	None	None	None
DIS57	CFy D			
DIS58	DEAD	None	None	None
DIS58	L			
DIS58	Ex			
DIS58	Ey			
DIS59	DEAD	None	None	None
DIS59	L			
DIS59	Ex			
DIS59	Ey			
DIS60	DEAD	None	None	None
DIS60	L			
DIS60	Ex			
DIS60	Ey			
DIS61	DEAD	None	None	None
DIS61	L			
DIS61	Ex			
DIS61	Ey			
DIS62	DEAD	None	None	None
DIS62	L			
DIS62	Ex			
DIS62	Ey			
DIS63	DEAD	None	None	None
DIS63	L			
DIS63	Ex			
DIS63	Ey			
DIS64	DEAD	None	None	None
DIS64	L			
DIS64	Ex			
DIS64	Ey			
DIS65	DEAD	None	None	None
DIS65	L			
DIS65	Ex			
DIS65	Ey			
DIS66	DEAD	None	None	None

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS66	Ex			
DIS66	Ey			
DIS67	DEAD	None	None	None
DIS67	Ex			
DIS67	Ey			
DIS68	DEAD	None	None	None
DIS68	Ex			
DIS68	Ey			
DIS69	DEAD	None	None	None
DIS69	Ex			
DIS69	Ey			
DIS70	DEAD	None	None	None
DIS70	Ex			
DIS70	Ey			
DIS71	DEAD	None	None	None
DIS71	Ex			
DIS71	Ey			
DIS72	DEAD	None	None	None
DIS72	Ex			
DIS72	Ey			
DIS73	DEAD	None	None	None
DIS73	Ex			
DIS73	Ey			
DIS	DIS01	None	None	None
DIS	DIS02			
DIS	DIS03			
DIS	DIS04			
DIS	DIS05			
DIS	DIS06			
DIS	DIS07			
DIS	DIS08			
DIS	DIS09			
DIS	DIS10			
DIS	DIS11			
DIS	DIS12			
DIS	DIS13			
DIS	DIS14			
DIS	DIS15			
DIS	DIS16			
DIS	DIS17			
DIS	DIS18			
DIS	DIS19			
DIS	DIS20			
DIS	DIS21			
DIS	DIS22			
DIS	DIS23			
DIS	DIS24			
DIS	DIS25			
DIS	DIS26			
DIS	DIS27			
DIS	DIS28			
DIS	DIS29			
DIS	DIS30			
DIS	DIS31			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DIS	DIS32			
DIS	DIS33			
DIS	DIS34			
DIS	DIS35			
DIS	DIS36			
DIS	DIS37			
DIS	DIS38			
DIS	DIS39			
DIS	DIS40			
DIS	DIS41			
DIS	DIS42			
DIS	DIS43			
DIS	DIS44			
DIS	DIS45			
DIS	DIS46			
DIS	DIS47			
DIS	DIS48			
DIS	DIS49			
DIS	DIS50			
DIS	DIS51			
DIS	DIS52			
DIS	DIS53			
DIS	DIS54			
DIS	DIS55			
DIS	DIS56			
DIS	DIS57			
DIS	DIS58			
DIS	DIS59			
DIS	DIS60			
DIS	DIS61			
DIS	DIS62			
DIS	DIS63			
DIS	DIS64			
DIS	DIS65			
DIS	DIS66			
DIS	DIS67			
DIS	DIS68			
DIS	DIS69			
DIS	DIS70			
DIS	DIS71			
DIS	DIS72			
DIS	DIS73			
DER01	DEAD	None	None	None
DER01	L			
DER01	FSx			
DER01	FSy			
DER02	DEAD	None	None	None
DER02	L			
DER02	FSx			
DER02	FSy			
DER03	DEAD	None	None	None
DER03	L			
DER03	FSx			
DER03	FSy			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
DER04	DEAD	None	None	None
DER04	L			
DER04	FSx			
DER04	FSy			
DER05	DEAD	None	None	None
DER05	L			
DER05	FSx			
DER05	FSy			
DER06	DEAD	None	None	None
DER06	L			
DER06	FSx			
DER06	FSy			
DER07	DEAD	None	None	None
DER07	L			
DER07	FSx			
DER07	FSy			
DER08	DEAD	None	None	None
DER08	L			
DER08	FSx			
DER08	FSy			
DER09	DEAD	None	None	None
DER09	FSx			
DER09	FSy			
DER10	DEAD	None	None	None
DER10	FSx			
DER10	FSy			
DER11	DEAD	None	None	None
DER11	FSx			
DER11	FSy			
DER12	DEAD	None	None	None
DER12	FSx			
DER12	FSy			
DER13	DEAD	None	None	None
DER13	FSx			
DER13	FSy			
DER14	DEAD	None	None	None
DER14	FSx			
DER14	FSy			
DER15	DEAD	None	None	None
DER15	FSx			
DER15	FSy			
DER16	DEAD	None	None	None
DER16	FSx			
DER16	FSy			
UD01	DEAD	None	None	None
UD01	L			
UD01	UDx			
UD01	UDy			
UD02	DEAD	None	None	None
UD02	L			
UD02	UDx			
UD02	UDy			
UD03	DEAD	None	None	None
UD03	L			

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
UD03	UDx			
UD03	UDy			
UD04	DEAD	None	None	None
UD04	L			
UD04	UDx			
UD04	UDy			
UD05	DEAD	None	None	None
UD05	L			
UD05	UDx			
UD05	UDy			
UD06	DEAD	None	None	None
UD06	L			
UD06	UDx			
UD06	UDy			
UD07	DEAD	None	None	None
UD07	L			
UD07	UDx			
UD07	UDy			
UD08	DEAD	None	None	None
UD08	L			
UD08	UDx			
UD08	UDy			
UD09	DEAD	None	None	None
UD09	UDx			
UD09	UDy			
UD10	DEAD	None	None	None
UD10	UDx			
UD10	UDy			
UD11	DEAD	None	None	None
UD11	UDx			
UD11	UDy			
UD12	DEAD	None	None	None
UD12	UDx			
UD12	UDy			
UD13	DEAD	None	None	None
UD13	UDx			
UD13	UDy			
UD14	DEAD	None	None	None
UD14	UDx			
UD14	UDy			
UD15	DEAD	None	None	None
UD15	UDx			
UD15	UDy			
UD16	DEAD	None	None	None
UD16	UDx			
UD16	UDy			

Table: Combination Definitions, Part 3 of 3

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS01	DEAD	963cf965-0122-4e1c-8499-fff4e27456fd	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS01	CFx D		
DIS02	DEAD	963cf965-0122-4e1c-8499-fff4e27456fd	
DIS02	CFx D		
DIS03	DEAD	0dea5de0-d32f-4286-8ddd-1e2e36bd021f	
DIS03	CFy D		
DIS04	DEAD	0dea5de0-d32f-4286-8ddd-1e2e36bd021f	
DIS04	CFy D		
DIS05	DEAD	1af0ffb2-0d0e-4ba1-addb-f73befc11cfa	
DIS05	L		
DIS05	Lr		
DIS05	CFx D		
DIS05	CFx L		
DIS05	CFx Lr		
DIS06	DEAD	1af0ffb2-0d0e-4ba1-addb-f73befc11cfa	
DIS06	L		
DIS06	Lr		
DIS06	CFx D		
DIS06	CFx L		
DIS06	CFx Lr		
DIS07	DEAD	5714e29f-acea-4711-a177-288360956308	
DIS07	L		
DIS07	Lr		
DIS07	CFy D		
DIS07	CFy L		
DIS07	CFy Lr		
DIS08	DEAD	5714e29f-acea-4711-a177-288360956308	
DIS08	L		
DIS08	Lr		
DIS08	CFy D		
DIS08	CFy L		
DIS08	CFy Lr		
DIS09	DEAD	0812ae6d-5a62-4d0d-831a-ee3dd67ecdfa	
DIS09	L		
DIS09	G		
DIS09	CFx D		
DIS09	CFx L		
DIS10	DEAD	0812ae6d-5a62-4d0d-831a-ee3dd67ecdfa	
DIS10	L		
DIS10	G		
DIS10	CFx D		
DIS10	CFx L		
DIS11	DEAD	7640f5c5-f803-456b-b1fd-981a500e94ea	
DIS11	L		
DIS11	G		
DIS11	CFy D		
DIS11	CFy L		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS12	DEAD	7640f5c5-f803-456b-b1fd-981a500e94ea	
DIS12	L		
DIS12	G		
DIS12	CFy D		
DIS12	CFy L		
DIS13	DEAD	b6c14305-aae9-46eb-acc-6a9c017ab16c	
DIS13	L		
DIS13	Le		
DIS13	CFx D		
DIS13	CFx L		
DIS14	DEAD	b6c14305-aae9-46eb-acc-6a9c017ab16c	
DIS14	L		
DIS14	Le		
DIS14	CFx D		
DIS14	CFx L		
DIS15	DEAD	fd0e0894-683e-4747-a746-56cfae13ca5c	
DIS15	L		
DIS15	Le		
DIS15	CFy D		
DIS15	CFy L		
DIS16	DEAD	fd0e0894-683e-4747-a746-56cfae13ca5c	
DIS16	L		
DIS16	Le		
DIS16	CFy D		
DIS16	CFy L		
DIS17	DEAD	767b381d-1b1a-4846-ad96-27abcc2f945c	
DIS17	L		
DIS17	Lr		
DIS17	CFx D		
DIS17	CFx L		
DIS17	CFx Lr		
DIS18	DEAD	767b381d-1b1a-4846-ad96-27abcc2f945c	
DIS18	L		
DIS18	Lr		
DIS18	CFx D		
DIS18	CFx L		
DIS18	CFx Lr		
DIS19	DEAD	f21f3a18-c2fa-4e44-b744-936280ed31b4	
DIS19	L		
DIS19	Lr		
DIS19	CFy D		
DIS19	CFy L		
DIS19	CFy Lr		
DIS20	DEAD	f21f3a18-c2fa-4e44-b744-936280ed31b4	
DIS20	L		
DIS20	Lr		
DIS20	CFy D		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS20	CFy L		
DIS20	CFy Lr		
DIS21	DEAD	3a32ecec-711e-4ab0-b895-05321a4c41e0	
DIS21	L		
DIS21	G		
DIS21	CFx D		
DIS21	CFx L		
DIS22	DEAD	3a32ecec-711e-4ab0-b895-05321a4c41e0	
DIS22	L		
DIS22	G		
DIS22	CFx D		
DIS22	CFx L		
DIS23	DEAD	e65ca91f-3689-4a59-93e5-d098bf688ea0	
DIS23	L		
DIS23	G		
DIS23	CFy D		
DIS23	CFy L		
DIS24	DEAD	e65ca91f-3689-4a59-93e5-d098bf688ea0	
DIS24	L		
DIS24	G		
DIS24	CFy D		
DIS24	CFy L		
DIS25	DEAD	4137a3e0-b94c-42c1-867e-b1b4c80d78c6	
DIS25	L		
DIS25	Le		
DIS25	CFx D		
DIS25	CFx L		
DIS26	DEAD	4137a3e0-b94c-42c1-867e-b1b4c80d78c6	
DIS26	L		
DIS26	Le		
DIS26	CFx D		
DIS26	CFx L		
DIS27	DEAD	83471a18-ed9d-439b-ba34-1fb2b6860ae6	
DIS27	L		
DIS27	Le		
DIS27	CFy D		
DIS27	CFy L		
DIS28	DEAD	83471a18-ed9d-439b-ba34-1fb2b6860ae6	
DIS28	L		
DIS28	Le		
DIS28	CFy D		
DIS28	CFy L		
DIS29	DEAD	13873165-150b-4fad-b25d-993e1ad3a26e	
DIS29	Lr		
DIS29	Wx		
DIS30	DEAD	13873165-150b-4fad-b25d-993e1ad3a26e	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS30	Lr		
DIS30	Wy		
DIS31	DEAD	0f40fd68-2f4d-465f-a838-c949c06a661c	
DIS31	Lr		
DIS31	Wx		
DIS31	Wy		
DIS32	DEAD	0f40fd68-2f4d-465f-a838-c949c06a661c	
DIS32	G		
DIS32	Wx		
DIS33	DEAD	f1e4c026-a869-42b6-9559-e2f6e64692c5	
DIS33	G		
DIS33	Wy		
DIS34	DEAD	f1e4c026-a869-42b6-9559-e2f6e64692c5	
DIS34	G		
DIS34	Wx		
DIS34	Wy		
DIS35	DEAD	f8bf445b-dce7-4ffe-93e3-95658ea61030	
DIS35	Le		
DIS35	Wx		
DIS36	DEAD	f8bf445b-dce7-4ffe-93e3-95658ea61030	
DIS36	Le		
DIS36	Wy		
DIS37	DEAD	f6fbde1a-6701-4e37-90dd-829d26c0075a	
DIS37	Le		
DIS37	Wx		
DIS37	Wy		
DIS38	DEAD	f6fbde1a-6701-4e37-90dd-829d26c0075a	
DIS38	L		
DIS38	Lr		
DIS38	Wx		
DIS39	DEAD	0b1523da-9745-4db2-8767-5feb53a7bcfd	
DIS39	L		
DIS39	Lr		
DIS39	Wy		
DIS40	DEAD	0b1523da-9745-4db2-8767-5feb53a7bcfd	
DIS40	L		
DIS40	Lr		
DIS40	Wy		
DIS40	Wx		
DIS41	DEAD	dd5cf0f9-354f-4d4d-a60c-b574b64014f1	
DIS41	L		
DIS41	G		
DIS41	Wx		
DIS42	DEAD	dd5cf0f9-354f-4d4d-a60c-b574b64014f1	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS42	L		
DIS42	G		
DIS42	Wy		
DIS43	DEAD	ffd567b4-62c5-4d81-a011-360a263fe126	
DIS43	L		
DIS43	G		
DIS43	Wx		
DIS43	Wy		
DIS44	DEAD	ffd567b4-62c5-4d81-a011-360a263fe126	
DIS44	L		
DIS44	Le		
DIS44	Wx		
DIS45	DEAD	ff70e70f-55c7-42b1-9d00-711b6d33f174	
DIS45	L		
DIS45	Le		
DIS45	Wy		
DIS46	DEAD	ff70e70f-55c7-42b1-9d00-711b6d33f174	
DIS46	L		
DIS46	Le		
DIS46	Wx		
DIS46	Wy		
DIS47	DEAD	c20b240e-83ee-4907-9eec-2577c33962a2	
DIS47	L		
DIS47	CFx D		
DIS47	CFx L		
DIS48	DEAD	c20b240e-83ee-4907-9eec-2577c33962a2	
DIS48	L		
DIS48	CFx D		
DIS48	CFx L		
DIS49	DEAD	c0332422-f575-4f08-826e-68a4f6087821	
DIS49	L		
DIS49	CFy D		
DIS49	CFy L		
DIS50	DEAD	c0332422-f575-4f08-826e-68a4f6087821	
DIS50	L		
DIS50	CFy D		
DIS50	CFy L		
DIS51	DEAD	7a87ced8-9251-4abe-9f7f-fe510bf2792d	
DIS51	Wx		
DIS52	DEAD	7a87ced8-9251-4abe-9f7f-fe510bf2792d	
DIS52	Wy		
DIS53	DEAD	fcd21ee5-fe6c-43d6-94f7-f3f58866f6b9	
DIS53	Wx		
DIS53	Wy		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS54	DEAD	fcd21ee5-fe6c-43d6-94f7-f3f58866f6b9	
DIS54	CFx D		
DIS55	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS55	CFx D		
DIS56	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS56	CFy D		
DIS57	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS57	CFy D		
DIS58	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS58	L		
DIS58	Ex		
DIS58	Ey		
DIS59	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS59	L		
DIS59	Ex		
DIS59	Ey		
DIS60	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS60	L		
DIS60	Ex		
DIS60	Ey		
DIS61	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS61	L		
DIS61	Ex		
DIS61	Ey		
DIS62	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS62	L		
DIS62	Ex		
DIS62	Ey		
DIS63	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS63	L		
DIS63	Ex		
DIS63	Ey		
DIS64	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS64	L		
DIS64	Ex		
DIS64	Ey		
DIS65	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS65	L		
DIS65	Ex		
DIS65	Ey		
DIS66	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS66	Ex		
DIS66	Ey		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS67	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS67	Ex		
DIS67	Ey		
DIS68	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS68	Ex		
DIS68	Ey		
DIS69	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS69	Ex		
DIS69	Ey		
DIS70	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS70	Ex		
DIS70	Ey		
DIS71	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS71	Ex		
DIS71	Ey		
DIS72	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS72	Ex		
DIS72	Ey		
DIS73	DEAD	aae81223-5302-4967-808c-fef1f7f0507c	
DIS73	Ex		
DIS73	Ey		
DIS	DIS01	b4caf2f7-73eb-4441-8891-012abc353623	
DIS	DIS02		
DIS	DIS03		
DIS	DIS04		
DIS	DIS05		
DIS	DIS06		
DIS	DIS07		
DIS	DIS08		
DIS	DIS09		
DIS	DIS10		
DIS	DIS11		
DIS	DIS12		
DIS	DIS13		
DIS	DIS14		
DIS	DIS15		
DIS	DIS16		
DIS	DIS17		
DIS	DIS18		
DIS	DIS19		
DIS	DIS20		
DIS	DIS21		
DIS	DIS22		
DIS	DIS23		
DIS	DIS24		
DIS	DIS25		
DIS	DIS26		
DIS	DIS27		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DIS	DIS28		
DIS	DIS29		
DIS	DIS30		
DIS	DIS31		
DIS	DIS32		
DIS	DIS33		
DIS	DIS34		
DIS	DIS35		
DIS	DIS36		
DIS	DIS37		
DIS	DIS38		
DIS	DIS39		
DIS	DIS40		
DIS	DIS41		
DIS	DIS42		
DIS	DIS43		
DIS	DIS44		
DIS	DIS45		
DIS	DIS46		
DIS	DIS47		
DIS	DIS48		
DIS	DIS49		
DIS	DIS50		
DIS	DIS51		
DIS	DIS52		
DIS	DIS53		
DIS	DIS54		
DIS	DIS55		
DIS	DIS56		
DIS	DIS57		
DIS	DIS58		
DIS	DIS59		
DIS	DIS60		
DIS	DIS61		
DIS	DIS62		
DIS	DIS63		
DIS	DIS64		
DIS	DIS65		
DIS	DIS66		
DIS	DIS67		
DIS	DIS68		
DIS	DIS69		
DIS	DIS70		
DIS	DIS71		
DIS	DIS72		
DIS	DIS73		
DER01	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER01	L		
DER01	FSx		
DER01	FSy		
DER02	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER02	L		
DER02	FSx		

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DER02	FSy		
DER03	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER03	L		
DER03	FSx		
DER03	FSy		
DER04	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER04	L		
DER04	FSx		
DER04	FSy		
DER05	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER05	L		
DER05	FSx		
DER05	FSy		
DER06	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER06	L		
DER06	FSx		
DER06	FSy		
DER07	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER07	L		
DER07	FSx		
DER07	FSy		
DER08	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER08	L		
DER08	FSx		
DER08	FSy		
DER09	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER09	FSx		
DER09	FSy		
DER10	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER10	FSx		
DER10	FSy		
DER11	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER11	FSx		
DER11	FSy		
DER12	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER12	FSx		
DER12	FSy		
DER13	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER13	FSx		
DER13	FSy		
DER14	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER14	FSx		
DER14	FSy		
DER15	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
DER15	FSx		
DER15	FSy		
DER16	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
DER16	FSx		
DER16	FSy		
UD01	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD01	L		
UD01	UDx		
UD01	UDy		
UD02	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD02	L		
UD02	UDx		
UD02	UDy		
UD03	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD03	L		
UD03	UDx		
UD03	UDy		
UD04	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD04	L		
UD04	UDx		
UD04	UDy		
UD05	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD05	L		
UD05	UDx		
UD05	UDy		
UD06	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD06	L		
UD06	UDx		
UD06	UDy		
UD07	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD07	L		
UD07	UDx		
UD07	UDy		
UD08	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD08	L		
UD08	UDx		
UD08	UDy		
UD09	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD09	UDx		
UD09	UDy		
UD10	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD10	UDx		
UD10	UDy		
UD11	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	GUID	Notes
UD11	UDx		
UD11	UDy		
UD12	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD12	UDx		
UD12	UDy		
UD13	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD13	UDx		
UD13	UDy		
UD14	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD14	UDx		
UD14	UDy		
UD15	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD15	UDx		
UD15	UDy		
UD16	DEAD	9e72573b-17d4-40fe-ba9a-fc212cc4d172	
UD16	UDx		
UD16	UDy		

Table: Element Forces - Area Shells, Part 1 of 2

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
1	1	Membrane	33	DEAD	LinStatic	1.222E-03	4.051E-04	2.525E-03
1	1	Membrane	35	DEAD	LinStatic	1.055E-03	-4.327E-04	3.392E-03
1	1	Membrane	1	DEAD	LinStatic	-2.403E-03	-3.200E-04	3.085E-03
1	1	Membrane	33	Lr	LinStatic	1.225E-03	4.209E-04	2.479E-03
1	1	Membrane	35	Lr	LinStatic	1.048E-03	-4.633E-04	3.345E-03
1	1	Membrane	1	Lr	LinStatic	-2.398E-03	-3.036E-04	3.071E-03
1	1	Membrane	33	Le	LinStatic	5.487E-04	1.886E-04	1.111E-03
1	1	Membrane	35	Le	LinStatic	4.695E-04	-2.076E-04	1.499E-03
1	1	Membrane	1	Le	LinStatic	-1.074E-03	-1.360E-04	1.376E-03
2	2	Membrane	1	DEAD	LinStatic	2.059E-03	1.680E-03	3.918E-03
2	2	Membrane	35	DEAD	LinStatic	2.023E-03	-2.502E-04	2.664E-03
2	2	Membrane	3	DEAD	LinStatic	1.658E-03	-3.232E-04	4.005E-03
2	2	Membrane	1	Lr	LinStatic	2.034E-03	1.693E-03	3.877E-03
2	2	Membrane	35	Lr	LinStatic	2.010E-03	-2.712E-04	2.603E-03
2	2	Membrane	3	Lr	LinStatic	1.625E-03	-3.481E-04	3.969E-03
2	2	Membrane	1	Le	LinStatic	9.111E-04	7.587E-04	1.737E-03
2	2	Membrane	35	Le	LinStatic	9.005E-04	-1.215E-04	1.166E-03
2	2	Membrane	3	Le	LinStatic	7.282E-04	-1.560E-04	1.778E-03
3	3	Membrane	3	DEAD	LinStatic	3.458E-03	1.939E-03	3.321E-03
3	3	Membrane	35	DEAD	LinStatic	-2.530E-04	1.197E-03	1.980E-03
3	3	Membrane	5	DEAD	LinStatic	2.670E-03	-2.003E-03	1.574E-03
3	3	Membrane	3	Lr	LinStatic	3.415E-03	1.949E-03	3.294E-03
3	3	Membrane	35	Lr	LinStatic	-2.233E-04	1.221E-03	1.929E-03
3	3	Membrane	5	Lr	LinStatic	2.611E-03	-2.069E-03	1.582E-03
3	3	Membrane	3	Le	LinStatic	1.530E-03	8.731E-04	1.476E-03
3	3	Membrane	35	Le	LinStatic	-1.000E-04	5.471E-04	8.641E-04

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
3	3	Membrane	5	Le	LinStatic	1.170E-03	-9.268E-04	7.090E-04
4	4	Membrane	5	DEAD	LinStatic	-7.689E-04	-5.119E-04	4.692E-03
4	4	Membrane	35	DEAD	LinStatic	-7.635E-03	-2.204E-03	8.005E-03
4	4	Membrane	37	DEAD	LinStatic	-7.568E-03	-1.872E-03	4.805E-03
4	4	Membrane	5	Lr	LinStatic	-7.205E-04	-5.073E-04	4.632E-03
4	4	Membrane	35	Lr	LinStatic	-7.572E-03	-2.202E-03	7.939E-03
4	4	Membrane	37	Lr	LinStatic	-7.505E-03	-1.864E-03	4.746E-03
4	4	Membrane	5	Le	LinStatic	-3.228E-04	-2.273E-04	2.075E-03
4	4	Membrane	35	Le	LinStatic	-3.393E-03	-9.864E-04	3.557E-03
4	4	Membrane	37	Le	LinStatic	-3.363E-03	-8.352E-04	2.127E-03
5	5	Membrane	5	DEAD	LinStatic	-9.490E-04	-7.604E-04	9.694E-04
5	5	Membrane	37	DEAD	LinStatic	-7.574E-03	-2.085E-03	1.082E-03
5	5	Membrane	39	DEAD	LinStatic	-7.508E-03	-1.753E-03	-2.035E-03
5	5	Membrane	5	Lr	LinStatic	-9.480E-04	-7.688E-04	9.510E-04
5	5	Membrane	37	Lr	LinStatic	-7.488E-03	-2.077E-03	1.066E-03
5	5	Membrane	39	Lr	LinStatic	-7.420E-03	-1.739E-03	-2.012E-03
5	5	Membrane	5	Le	LinStatic	-4.248E-04	-3.444E-04	4.261E-04
5	5	Membrane	37	Le	LinStatic	-3.355E-03	-9.305E-04	4.775E-04
5	5	Membrane	39	Le	LinStatic	-3.325E-03	-7.793E-04	-9.014E-04
6	6	Membrane	39	DEAD	LinStatic	3.230E-03	5.612E-04	5.214E-03
6	6	Membrane	7	DEAD	LinStatic	1.030E-02	1.974E-03	5.309E-03
6	6	Membrane	5	DEAD	LinStatic	1.035E-02	2.252E-03	8.634E-03
6	6	Membrane	39	Lr	LinStatic	3.190E-03	5.443E-04	5.151E-03
6	6	Membrane	7	Lr	LinStatic	1.018E-02	1.942E-03	5.247E-03
6	6	Membrane	5	Lr	LinStatic	1.024E-02	2.226E-03	8.536E-03
6	6	Membrane	39	Le	LinStatic	1.429E-03	2.439E-04	2.308E-03
6	6	Membrane	7	Le	LinStatic	4.561E-03	8.701E-04	2.351E-03
6	6	Membrane	5	Le	LinStatic	4.586E-03	9.976E-04	3.825E-03
7	7	Membrane	39	DEAD	LinStatic	1.728E-03	4.386E-04	-2.732E-04
7	7	Membrane	9	DEAD	LinStatic	1.108E-02	2.043E-03	-4.607E-03
7	7	Membrane	7	DEAD	LinStatic	1.114E-02	2.321E-03	-1.787E-04
7	7	Membrane	39	Lr	LinStatic	1.709E-03	4.301E-04	-2.697E-04
7	7	Membrane	9	Lr	LinStatic	1.095E-02	2.006E-03	-4.550E-03
7	7	Membrane	7	Lr	LinStatic	1.101E-02	2.290E-03	-1.731E-04
7	7	Membrane	39	Le	LinStatic	7.656E-04	1.927E-04	-1.209E-04
7	7	Membrane	9	Le	LinStatic	4.908E-03	8.988E-04	-2.039E-03
7	7	Membrane	7	Le	LinStatic	4.933E-03	1.026E-03	-7.754E-05
8	8	Membrane	39	DEAD	LinStatic	-1.332E-02	-3.042E-03	9.945E-03
8	8	Membrane	41	DEAD	LinStatic	-1.335E-02	-3.165E-03	5.465E-03
8	8	Membrane	9	DEAD	LinStatic	-3.827E-03	-1.261E-03	5.507E-03
8	8	Membrane	39	Lr	LinStatic	-1.317E-02	-3.016E-03	9.837E-03
8	8	Membrane	41	Lr	LinStatic	-1.320E-02	-3.144E-03	5.407E-03
8	8	Membrane	9	Lr	LinStatic	-3.786E-03	-1.261E-03	5.450E-03
8	8	Membrane	39	Le	LinStatic	-5.903E-03	-1.351E-03	4.408E-03
8	8	Membrane	41	Le	LinStatic	-5.914E-03	-1.409E-03	2.422E-03
8	8	Membrane	9	Le	LinStatic	-1.696E-03	-5.650E-04	2.442E-03
9	9	Membrane	9	DEAD	LinStatic	-2.636E-03	-9.440E-04	-1.597E-03
9	9	Membrane	41	DEAD	LinStatic	-1.394E-02	-3.204E-03	-1.639E-03
9	9	Membrane	43	DEAD	LinStatic	-1.396E-02	-3.328E-03	-6.958E-03
9	9	Membrane	9	Lr	LinStatic	-2.609E-03	-9.440E-04	-1.582E-03
9	9	Membrane	41	Lr	LinStatic	-1.378E-02	-3.179E-03	-1.625E-03
9	9	Membrane	43	Lr	LinStatic	-1.381E-02	-3.306E-03	-6.884E-03
9	9	Membrane	9	Le	LinStatic	-1.169E-03	-4.230E-04	-7.088E-04
9	9	Membrane	41	Le	LinStatic	-6.175E-03	-1.424E-03	-7.283E-04

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
9	9	Membrane	43	Le	LinStatic	-6.187E-03	-1.481E-03	-3.084E-03
10	10	Membrane	43	DEAD	LinStatic	4.094E-03	7.725E-04	5.182E-03
10	10	Membrane	11	DEAD	LinStatic	1.542E-02	3.038E-03	5.235E-03
10	10	Membrane	9	DEAD	LinStatic	1.545E-02	3.194E-03	1.057E-02
10	10	Membrane	43	Lr	LinStatic	4.045E-03	7.539E-04	5.120E-03
10	10	Membrane	11	Lr	LinStatic	1.524E-02	2.994E-03	5.175E-03
10	10	Membrane	9	Lr	LinStatic	1.528E-02	3.157E-03	1.045E-02
10	10	Membrane	43	Le	LinStatic	1.812E-03	3.378E-04	2.294E-03
10	10	Membrane	11	Le	LinStatic	6.830E-03	1.341E-03	2.319E-03
10	10	Membrane	9	Le	LinStatic	6.845E-03	1.414E-03	4.680E-03
11	11	Membrane	43	DEAD	LinStatic	3.381E-03	7.299E-04	-2.635E-03
11	11	Membrane	13	DEAD	LinStatic	1.579E-02	3.063E-03	-8.438E-03
11	11	Membrane	11	DEAD	LinStatic	1.583E-02	3.219E-03	-2.582E-03
11	11	Membrane	43	Lr	LinStatic	3.345E-03	7.184E-04	-2.605E-03
11	11	Membrane	13	Lr	LinStatic	1.561E-02	3.015E-03	-8.338E-03
11	11	Membrane	11	Lr	LinStatic	1.565E-02	3.178E-03	-2.550E-03
11	11	Membrane	43	Le	LinStatic	1.499E-03	3.219E-04	-1.167E-03
11	11	Membrane	13	Le	LinStatic	6.995E-03	1.351E-03	-3.736E-03
11	11	Membrane	11	Le	LinStatic	7.010E-03	1.424E-03	-1.142E-03
12	12	Membrane	13	DEAD	LinStatic	-4.297E-03	-1.305E-03	5.046E-03
12	12	Membrane	43	DEAD	LinStatic	-1.688E-02	-3.854E-03	1.098E-02
12	12	Membrane	45	DEAD	LinStatic	-1.688E-02	-3.821E-03	5.057E-03
12	12	Membrane	13	Lr	LinStatic	-4.250E-03	-1.302E-03	4.993E-03
12	12	Membrane	43	Lr	LinStatic	-1.670E-02	-3.824E-03	1.086E-02
12	12	Membrane	45	Lr	LinStatic	-1.669E-02	-3.790E-03	5.005E-03
12	12	Membrane	13	Le	LinStatic	-1.904E-03	-5.834E-04	2.237E-03
12	12	Membrane	43	Le	LinStatic	-7.482E-03	-1.713E-03	4.866E-03
12	12	Membrane	45	Le	LinStatic	-7.479E-03	-1.698E-03	2.242E-03
13	13	Membrane	13	DEAD	LinStatic	-3.869E-03	-1.240E-03	-3.641E-03
13	13	Membrane	45	DEAD	LinStatic	-1.711E-02	-3.888E-03	-3.630E-03
13	13	Membrane	47	DEAD	LinStatic	-1.710E-02	-3.855E-03	-9.859E-03
13	13	Membrane	13	Lr	LinStatic	-3.828E-03	-1.239E-03	-3.606E-03
13	13	Membrane	45	Lr	LinStatic	-1.692E-02	-3.857E-03	-3.594E-03
13	13	Membrane	47	Lr	LinStatic	-1.691E-02	-3.823E-03	-9.753E-03
13	13	Membrane	13	Le	LinStatic	-1.715E-03	-5.553E-04	-1.615E-03
13	13	Membrane	45	Le	LinStatic	-7.580E-03	-1.728E-03	-1.610E-03
13	13	Membrane	47	Le	LinStatic	-7.577E-03	-1.713E-03	-4.370E-03
14	14	Membrane	47	DEAD	LinStatic	4.147E-03	8.146E-04	4.407E-03
14	14	Membrane	15	DEAD	LinStatic	1.745E-02	3.475E-03	4.426E-03
14	14	Membrane	13	DEAD	LinStatic	1.746E-02	3.530E-03	1.069E-02
14	14	Membrane	47	Lr	LinStatic	4.094E-03	7.948E-04	4.351E-03
14	14	Membrane	15	Lr	LinStatic	1.725E-02	3.426E-03	4.373E-03
14	14	Membrane	13	Lr	LinStatic	1.726E-02	3.489E-03	1.056E-02
14	14	Membrane	47	Le	LinStatic	1.834E-03	3.561E-04	1.950E-03
14	14	Membrane	15	Le	LinStatic	7.730E-03	1.535E-03	1.959E-03
14	14	Membrane	13	Le	LinStatic	7.735E-03	1.563E-03	4.734E-03
15	15	Membrane	15	DEAD	LinStatic	1.746E-02	3.512E-03	-4.224E-03
15	15	Membrane	47	DEAD	LinStatic	4.157E-03	8.522E-04	-4.243E-03
15	15	Membrane	17	DEAD	LinStatic	1.745E-02	3.457E-03	-1.048E-02
15	15	Membrane	15	Lr	LinStatic	1.726E-02	3.468E-03	-4.174E-03
15	15	Membrane	47	Lr	LinStatic	4.111E-03	8.386E-04	-4.196E-03
15	15	Membrane	17	Lr	LinStatic	1.725E-02	3.405E-03	-1.036E-02
15	15	Membrane	15	Le	LinStatic	7.732E-03	1.554E-03	-1.870E-03
15	15	Membrane	47	Le	LinStatic	1.842E-03	3.757E-04	-1.880E-03

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
15	15	Membrane	17	Le	LinStatic	7.727E-03	1.526E-03	-4.642E-03
16	16	Membrane	17	DEAD	LinStatic	-3.990E-03	-1.251E-03	3.897E-03
16	16	Membrane	47	DEAD	LinStatic	-1.734E-02	-3.928E-03	1.018E-02
16	16	Membrane	49	DEAD	LinStatic	-1.733E-02	-3.920E-03	3.900E-03
16	16	Membrane	17	Lr	LinStatic	-3.947E-03	-1.252E-03	3.858E-03
16	16	Membrane	47	Lr	LinStatic	-1.714E-02	-3.892E-03	1.007E-02
16	16	Membrane	49	Lr	LinStatic	-1.714E-02	-3.890E-03	3.858E-03
16	16	Membrane	17	Le	LinStatic	-1.768E-03	-5.608E-04	1.728E-03
16	16	Membrane	47	Le	LinStatic	-7.680E-03	-1.744E-03	4.511E-03
16	16	Membrane	49	Le	LinStatic	-7.680E-03	-1.743E-03	1.729E-03
17	17	Membrane	49	DEAD	LinStatic	-1.718E-02	-3.894E-03	-4.912E-03
17	17	Membrane	51	DEAD	LinStatic	-1.717E-02	-3.886E-03	-1.097E-02
17	17	Membrane	17	DEAD	LinStatic	-4.300E-03	-1.319E-03	-4.915E-03
17	17	Membrane	49	Lr	LinStatic	-1.698E-02	-3.860E-03	-4.862E-03
17	17	Membrane	51	Lr	LinStatic	-1.698E-02	-3.858E-03	-1.085E-02
17	17	Membrane	17	Lr	LinStatic	-4.254E-03	-1.314E-03	-4.862E-03
17	17	Membrane	49	Le	LinStatic	-7.609E-03	-1.729E-03	-2.178E-03
17	17	Membrane	51	Le	LinStatic	-7.609E-03	-1.729E-03	-4.862E-03
17	17	Membrane	17	Le	LinStatic	-1.906E-03	-5.889E-04	-2.179E-03
18	18	Membrane	19	DEAD	LinStatic	1.633E-02	3.306E-03	2.900E-03
18	18	Membrane	17	DEAD	LinStatic	1.630E-02	3.186E-03	8.921E-03
18	18	Membrane	51	DEAD	LinStatic	3.533E-03	7.471E-04	2.941E-03
18	18	Membrane	19	Lr	LinStatic	1.614E-02	3.259E-03	2.864E-03
18	18	Membrane	17	Lr	LinStatic	1.612E-02	3.148E-03	8.817E-03
18	18	Membrane	51	Lr	LinStatic	3.490E-03	7.288E-04	2.902E-03
18	18	Membrane	19	Le	LinStatic	7.231E-03	1.460E-03	1.283E-03
18	18	Membrane	17	Le	LinStatic	7.221E-03	1.410E-03	3.951E-03
18	18	Membrane	51	Le	LinStatic	1.564E-03	3.265E-04	1.300E-03
19	19	Membrane	51	DEAD	LinStatic	4.161E-03	7.957E-04	-5.108E-03
19	19	Membrane	21	DEAD	LinStatic	1.600E-02	3.279E-03	-1.071E-02
19	19	Membrane	19	DEAD	LinStatic	1.597E-02	3.158E-03	-5.148E-03
19	19	Membrane	51	Lr	LinStatic	4.113E-03	7.825E-04	-5.050E-03
19	19	Membrane	21	Lr	LinStatic	1.581E-02	3.229E-03	-1.058E-02
19	19	Membrane	19	Lr	LinStatic	1.579E-02	3.118E-03	-5.087E-03
19	19	Membrane	51	Le	LinStatic	1.843E-03	3.506E-04	-2.263E-03
19	19	Membrane	21	Le	LinStatic	7.085E-03	1.447E-03	-4.742E-03
19	19	Membrane	19	Le	LinStatic	7.075E-03	1.397E-03	-2.279E-03
20	20	Membrane	51	DEAD	LinStatic	-1.470E-02	-3.443E-03	7.565E-03
20	20	Membrane	53	DEAD	LinStatic	-1.468E-02	-3.370E-03	2.022E-03
20	20	Membrane	21	DEAD	LinStatic	-2.903E-03	-1.014E-03	1.997E-03
20	20	Membrane	51	Lr	LinStatic	-1.453E-02	-3.412E-03	7.482E-03
20	20	Membrane	53	Lr	LinStatic	-1.452E-02	-3.345E-03	2.001E-03
20	20	Membrane	21	Lr	LinStatic	-2.872E-03	-1.016E-03	1.979E-03
20	20	Membrane	51	Le	LinStatic	-6.511E-03	-1.529E-03	3.352E-03
20	20	Membrane	53	Le	LinStatic	-6.505E-03	-1.499E-03	8.967E-04
20	20	Membrane	21	Le	LinStatic	-1.287E-03	-4.554E-04	8.865E-04
21	21	Membrane	21	DEAD	LinStatic	-3.969E-03	-1.274E-03	-5.480E-03
21	21	Membrane	53	DEAD	LinStatic	-1.415E-02	-3.310E-03	-5.455E-03
21	21	Membrane	55	DEAD	LinStatic	-1.413E-02	-3.236E-03	-1.025E-02
21	21	Membrane	21	Lr	LinStatic	-3.926E-03	-1.270E-03	-5.421E-03
21	21	Membrane	53	Lr	LinStatic	-1.399E-02	-3.282E-03	-5.399E-03
21	21	Membrane	55	Lr	LinStatic	-1.397E-02	-3.215E-03	-1.013E-02
21	21	Membrane	21	Le	LinStatic	-1.759E-03	-5.690E-04	-2.429E-03
21	21	Membrane	53	Le	LinStatic	-6.267E-03	-1.471E-03	-2.419E-03

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
21	21	Membrane	55	Le	LinStatic	-6.261E-03	-1.441E-03	-4.540E-03
22	22	Membrane	55	DEAD	LinStatic	2.064E-03	4.885E-04	7.108E-04
22	22	Membrane	23	DEAD	LinStatic	1.213E-02	2.502E-03	6.324E-04
22	22	Membrane	21	DEAD	LinStatic	1.208E-02	2.271E-03	5.369E-03
22	22	Membrane	55	Lr	LinStatic	2.037E-03	4.730E-04	6.972E-04
22	22	Membrane	23	Lr	LinStatic	1.199E-02	2.463E-03	6.225E-04
22	22	Membrane	21	Lr	LinStatic	1.194E-02	2.243E-03	5.305E-03
22	22	Membrane	55	Le	LinStatic	9.125E-04	2.119E-04	3.124E-04
22	22	Membrane	23	Le	LinStatic	5.371E-03	1.104E-03	2.789E-04
22	22	Membrane	21	Le	LinStatic	5.351E-03	1.005E-03	2.377E-03
23	23	Membrane	55	DEAD	LinStatic	3.457E-03	6.198E-04	-5.271E-03
23	23	Membrane	25	DEAD	LinStatic	1.140E-02	2.429E-03	-9.066E-03
23	23	Membrane	23	DEAD	LinStatic	1.135E-02	2.199E-03	-5.350E-03
23	23	Membrane	55	Lr	LinStatic	3.417E-03	6.086E-04	-5.211E-03
23	23	Membrane	25	Lr	LinStatic	1.126E-02	2.389E-03	-8.958E-03
23	23	Membrane	23	Lr	LinStatic	1.122E-02	2.169E-03	-5.286E-03
23	23	Membrane	55	Le	LinStatic	1.531E-03	2.727E-04	-2.335E-03
23	23	Membrane	25	Le	LinStatic	5.047E-03	1.070E-03	-4.014E-03
23	23	Membrane	23	Le	LinStatic	5.028E-03	9.719E-04	-2.368E-03
24	24	Membrane	55	DEAD	LinStatic	-8.932E-03	-2.321E-03	3.103E-03
24	24	Membrane	57	DEAD	LinStatic	-8.908E-03	-2.203E-03	-5.753E-04
24	24	Membrane	25	DEAD	LinStatic	-1.093E-03	-6.396E-04	-6.156E-04
24	24	Membrane	55	Lr	LinStatic	-8.829E-03	-2.301E-03	3.068E-03
24	24	Membrane	57	Lr	LinStatic	-8.807E-03	-2.192E-03	-5.666E-04
24	24	Membrane	25	Lr	LinStatic	-1.083E-03	-6.475E-04	-6.037E-04
24	24	Membrane	55	Le	LinStatic	-3.956E-03	-1.031E-03	1.375E-03
24	24	Membrane	57	Le	LinStatic	-3.946E-03	-9.822E-04	-2.539E-04
24	24	Membrane	25	Le	LinStatic	-4.853E-04	-2.901E-04	-2.705E-04
25	25	Membrane	25	DEAD	LinStatic	-2.482E-03	-9.933E-04	-5.227E-03
25	25	Membrane	57	DEAD	LinStatic	-8.209E-03	-2.139E-03	-5.187E-03
25	25	Membrane	59	DEAD	LinStatic	-8.185E-03	-2.020E-03	-7.882E-03
25	25	Membrane	25	Lr	LinStatic	-2.453E-03	-9.911E-04	-5.168E-03
25	25	Membrane	57	Lr	LinStatic	-8.115E-03	-2.124E-03	-5.131E-03
25	25	Membrane	59	Lr	LinStatic	-8.094E-03	-2.015E-03	-7.796E-03
25	25	Membrane	25	Le	LinStatic	-1.099E-03	-4.441E-04	-2.315E-03
25	25	Membrane	57	Le	LinStatic	-3.636E-03	-9.515E-04	-2.299E-03
25	25	Membrane	59	Le	LinStatic	-3.626E-03	-9.027E-04	-3.493E-03
26	26	Membrane	59	DEAD	LinStatic	-1.713E-04	2.932E-04	-2.105E-03
26	26	Membrane	29	DEAD	LinStatic	4.876E-03	1.303E-03	-2.465E-03
26	26	Membrane	25	DEAD	LinStatic	4.664E-03	2.437E-04	-8.991E-05
26	26	Membrane	59	Lr	LinStatic	-1.707E-04	2.814E-04	-2.084E-03
26	26	Membrane	29	Lr	LinStatic	4.817E-03	1.279E-03	-2.438E-03
26	26	Membrane	25	Lr	LinStatic	4.608E-03	2.353E-04	-9.131E-05
26	26	Membrane	59	Le	LinStatic	-7.648E-05	1.261E-04	-9.335E-04
26	26	Membrane	29	Le	LinStatic	2.158E-03	5.730E-04	-1.093E-03
26	26	Membrane	25	Le	LinStatic	2.065E-03	1.054E-04	-4.091E-05
27	27	Membrane	59	DEAD	LinStatic	3.295E-03	3.623E-04	-4.226E-03
27	27	Membrane	31	DEAD	LinStatic	3.071E-03	1.173E-03	-4.427E-03
27	27	Membrane	29	DEAD	LinStatic	2.893E-03	2.819E-04	-4.586E-03
27	27	Membrane	59	Lr	LinStatic	3.357E-03	3.719E-04	-4.194E-03
27	27	Membrane	31	Lr	LinStatic	2.982E-03	1.140E-03	-4.330E-03
27	27	Membrane	29	Lr	LinStatic	2.806E-03	2.618E-04	-4.549E-03
27	27	Membrane	59	Le	LinStatic	1.504E-03	1.666E-04	-1.879E-03
27	27	Membrane	31	Le	LinStatic	1.336E-03	5.109E-04	-1.940E-03

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
27	27	Membrane	29	Le	LinStatic	1.257E-03	1.173E-04	-2.038E-03
28	28	Membrane	59	DEAD	LinStatic	-3.274E-03	-5.757E-03	-3.444E-04
28	28	Membrane	61	DEAD	LinStatic	-1.738E-03	1.925E-03	-2.928E-03
28	28	Membrane	31	DEAD	LinStatic	4.784E-03	3.230E-03	-6.031E-03
28	28	Membrane	59	Lr	LinStatic	-3.360E-03	-5.953E-03	-2.301E-04
28	28	Membrane	61	Lr	LinStatic	-1.768E-03	2.007E-03	-2.872E-03
28	28	Membrane	31	Lr	LinStatic	4.901E-03	3.341E-03	-6.087E-03
28	28	Membrane	59	Le	LinStatic	-1.506E-03	-2.667E-03	-1.031E-04
28	28	Membrane	61	Le	LinStatic	-7.923E-04	8.992E-04	-1.287E-03
28	28	Membrane	31	Le	LinStatic	2.196E-03	1.497E-03	-2.727E-03
29	29	Membrane	32	DEAD	LinStatic	4.782E-03	3.222E-03	6.026E-03
29	29	Membrane	62	DEAD	LinStatic	-1.739E-03	1.918E-03	2.932E-03
29	29	Membrane	60	DEAD	LinStatic	-3.271E-03	-5.743E-03	3.490E-04
29	29	Membrane	32	Lr	LinStatic	4.899E-03	3.338E-03	6.086E-03
29	29	Membrane	62	Lr	LinStatic	-1.768E-03	2.004E-03	2.875E-03
29	29	Membrane	60	Lr	LinStatic	-3.358E-03	-5.947E-03	2.333E-04
29	29	Membrane	32	Le	LinStatic	2.195E-03	1.495E-03	2.727E-03
29	29	Membrane	62	Le	LinStatic	-7.923E-04	8.979E-04	1.288E-03
29	29	Membrane	60	Le	LinStatic	-1.505E-03	-2.665E-03	1.046E-04
30	30	Membrane	60	DEAD	LinStatic	3.292E-03	3.771E-04	4.234E-03
30	30	Membrane	30	DEAD	LinStatic	2.893E-03	2.974E-04	4.587E-03
30	30	Membrane	32	DEAD	LinStatic	3.068E-03	1.172E-03	4.429E-03
30	30	Membrane	60	Lr	LinStatic	3.353E-03	3.821E-04	4.198E-03
30	30	Membrane	30	Lr	LinStatic	2.807E-03	2.729E-04	4.552E-03
30	30	Membrane	32	Lr	LinStatic	2.982E-03	1.149E-03	4.336E-03
30	30	Membrane	60	Le	LinStatic	1.502E-03	1.712E-04	1.881E-03
30	30	Membrane	30	Le	LinStatic	1.258E-03	1.223E-04	2.040E-03
30	30	Membrane	32	Le	LinStatic	1.336E-03	5.149E-04	1.943E-03
31	31	Membrane	30	DEAD	LinStatic	-2.305E-03	-1.298E-04	2.846E-03
31	31	Membrane	60	DEAD	LinStatic	-8.026E-03	-1.274E-03	2.492E-03
31	31	Membrane	58	DEAD	LinStatic	-8.234E-03	-2.313E-03	-1.998E-04
31	31	Membrane	30	Lr	LinStatic	-2.276E-03	-1.302E-04	2.820E-03
31	31	Membrane	60	Lr	LinStatic	-7.934E-03	-1.262E-03	2.466E-03
31	31	Membrane	58	Lr	LinStatic	-8.142E-03	-2.303E-03	-1.962E-04
31	31	Membrane	30	Le	LinStatic	-1.020E-03	-5.832E-05	1.264E-03
31	31	Membrane	60	Le	LinStatic	-3.555E-03	-5.653E-04	1.105E-03
31	31	Membrane	58	Le	LinStatic	-3.648E-03	-1.032E-03	-8.793E-05
32	32	Membrane	58	DEAD	LinStatic	-3.576E-04	-5.619E-04	5.111E-03
32	32	Membrane	27	DEAD	LinStatic	4.681E-03	4.459E-04	5.143E-03
32	32	Membrane	30	DEAD	LinStatic	4.700E-03	5.416E-04	7.515E-03
32	32	Membrane	58	Lr	LinStatic	-3.576E-04	-5.716E-04	5.051E-03
32	32	Membrane	27	Lr	LinStatic	4.624E-03	4.248E-04	5.086E-03
32	32	Membrane	30	Lr	LinStatic	4.645E-03	5.296E-04	7.431E-03
32	32	Membrane	58	Le	LinStatic	-1.602E-04	-2.561E-04	2.263E-03
32	32	Membrane	27	Le	LinStatic	2.072E-03	1.903E-04	2.279E-03
32	32	Membrane	30	Le	LinStatic	2.081E-03	2.373E-04	3.329E-03
33	33	Membrane	27	DEAD	LinStatic	-1.113E-03	-6.517E-04	6.026E-04
33	33	Membrane	58	DEAD	LinStatic	-8.888E-03	-2.207E-03	5.701E-04
33	33	Membrane	56	DEAD	LinStatic	-8.907E-03	-2.302E-03	-3.089E-03
33	33	Membrane	27	Lr	LinStatic	-1.102E-03	-6.534E-04	5.949E-04
33	33	Membrane	58	Lr	LinStatic	-8.786E-03	-2.190E-03	5.592E-04
33	33	Membrane	56	Lr	LinStatic	-8.807E-03	-2.295E-03	-3.057E-03
33	33	Membrane	27	Le	LinStatic	-4.938E-04	-2.928E-04	2.665E-04
33	33	Membrane	58	Le	LinStatic	-3.936E-03	-9.813E-04	2.506E-04

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
33	33	Membrane	56	Le	LinStatic	-3.946E-03	-1.028E-03	-1.370E-03
34	34	Membrane	56	DEAD	LinStatic	3.425E-03	6.196E-04	5.249E-03
34	34	Membrane	24	DEAD	LinStatic	1.129E-02	2.192E-03	5.321E-03
34	34	Membrane	27	DEAD	LinStatic	1.133E-02	2.404E-03	9.020E-03
34	34	Membrane	56	Lr	LinStatic	3.386E-03	6.029E-04	5.185E-03
34	34	Membrane	24	Lr	LinStatic	1.115E-02	2.156E-03	5.260E-03
34	34	Membrane	27	Lr	LinStatic	1.120E-02	2.376E-03	8.915E-03
34	34	Membrane	56	Le	LinStatic	1.517E-03	2.701E-04	2.323E-03
34	34	Membrane	24	Le	LinStatic	4.997E-03	9.661E-04	2.357E-03
34	34	Membrane	27	Le	LinStatic	5.016E-03	1.064E-03	3.994E-03
35	35	Membrane	24	DEAD	LinStatic	1.205E-02	2.480E-03	-6.150E-04
35	35	Membrane	56	DEAD	LinStatic	2.021E-03	4.750E-04	-6.874E-04
35	35	Membrane	22	DEAD	LinStatic	1.200E-02	2.267E-03	-5.333E-03
35	35	Membrane	24	Lr	LinStatic	1.191E-02	2.447E-03	-6.038E-04
35	35	Membrane	56	Lr	LinStatic	1.998E-03	4.658E-04	-6.785E-04
35	35	Membrane	22	Lr	LinStatic	1.186E-02	2.228E-03	-5.266E-03
35	35	Membrane	24	Le	LinStatic	5.334E-03	1.097E-03	-2.705E-04
35	35	Membrane	56	Le	LinStatic	8.951E-04	2.087E-04	-3.040E-04
35	35	Membrane	22	Le	LinStatic	5.315E-03	9.982E-04	-2.360E-03
36	36	Membrane	22	DEAD	LinStatic	-3.977E-03	-1.271E-03	5.469E-03
36	36	Membrane	56	DEAD	LinStatic	-1.410E-02	-3.238E-03	1.022E-02
36	36	Membrane	54	DEAD	LinStatic	-1.411E-02	-3.298E-03	5.448E-03
36	36	Membrane	22	Lr	LinStatic	-3.934E-03	-1.271E-03	5.412E-03
36	36	Membrane	56	Lr	LinStatic	-1.394E-02	-3.210E-03	1.010E-02
36	36	Membrane	54	Lr	LinStatic	-1.395E-02	-3.275E-03	5.390E-03
36	36	Membrane	22	Le	LinStatic	-1.763E-03	-5.693E-04	2.425E-03
36	36	Membrane	56	Le	LinStatic	-6.246E-03	-1.438E-03	4.527E-03
36	36	Membrane	54	Le	LinStatic	-6.252E-03	-1.467E-03	2.415E-03
37	37	Membrane	54	DEAD	LinStatic	-1.464E-02	-3.366E-03	-2.022E-03
37	37	Membrane	52	DEAD	LinStatic	-1.466E-02	-3.426E-03	-7.539E-03
37	37	Membrane	22	DEAD	LinStatic	-2.921E-03	-1.021E-03	-2.002E-03
37	37	Membrane	54	Lr	LinStatic	-1.448E-02	-3.338E-03	-2.003E-03
37	37	Membrane	52	Lr	LinStatic	-1.449E-02	-3.403E-03	-7.456E-03
37	37	Membrane	22	Lr	LinStatic	-2.890E-03	-1.020E-03	-1.981E-03
37	37	Membrane	54	Le	LinStatic	-6.487E-03	-1.496E-03	-8.975E-04
37	37	Membrane	52	Le	LinStatic	-6.493E-03	-1.525E-03	-3.341E-03
37	37	Membrane	22	Le	LinStatic	-1.295E-03	-4.572E-04	-8.876E-04
38	38	Membrane	22	DEAD	LinStatic	1.589E-02	3.248E-03	1.064E-02
38	38	Membrane	52	DEAD	LinStatic	4.113E-03	7.911E-04	5.077E-03
38	38	Membrane	20	DEAD	LinStatic	1.587E-02	3.142E-03	5.112E-03
38	38	Membrane	22	Lr	LinStatic	1.571E-02	3.210E-03	1.052E-02
38	38	Membrane	52	Lr	LinStatic	4.063E-03	7.721E-04	5.015E-03
38	38	Membrane	20	Lr	LinStatic	1.569E-02	3.097E-03	5.053E-03
38	38	Membrane	22	Le	LinStatic	7.038E-03	1.438E-03	4.715E-03
38	38	Membrane	52	Le	LinStatic	1.820E-03	3.459E-04	2.247E-03
38	38	Membrane	20	Le	LinStatic	7.028E-03	1.388E-03	2.264E-03
39	39	Membrane	20	DEAD	LinStatic	1.621E-02	3.279E-03	-2.871E-03
39	39	Membrane	52	DEAD	LinStatic	3.481E-03	7.322E-04	-2.907E-03
39	39	Membrane	18	DEAD	LinStatic	1.619E-02	3.173E-03	-8.862E-03
39	39	Membrane	20	Lr	LinStatic	1.603E-02	3.237E-03	-2.834E-03
39	39	Membrane	52	Lr	LinStatic	3.441E-03	7.200E-04	-2.873E-03
39	39	Membrane	18	Lr	LinStatic	1.600E-02	3.124E-03	-8.757E-03
39	39	Membrane	20	Le	LinStatic	7.181E-03	1.450E-03	-1.270E-03
39	39	Membrane	52	Le	LinStatic	1.542E-03	3.226E-04	-1.287E-03

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
39	39	Membrane	18	Le	LinStatic	7.171E-03	1.400E-03	-3.924E-03
40	40	Membrane	18	DEAD	LinStatic	-4.312E-03	-1.314E-03	4.904E-03
40	40	Membrane	52	DEAD	LinStatic	-1.713E-02	-3.891E-03	1.094E-02
40	40	Membrane	50	DEAD	LinStatic	-1.713E-02	-3.877E-03	4.908E-03
40	40	Membrane	18	Lr	LinStatic	-4.265E-03	-1.313E-03	4.854E-03
40	40	Membrane	52	Lr	LinStatic	-1.694E-02	-3.855E-03	1.082E-02
40	40	Membrane	50	Lr	LinStatic	-1.694E-02	-3.848E-03	4.857E-03
40	40	Membrane	18	Le	LinStatic	-1.911E-03	-5.884E-04	2.175E-03
40	40	Membrane	52	Le	LinStatic	-7.590E-03	-1.727E-03	4.848E-03
40	40	Membrane	50	Le	LinStatic	-7.589E-03	-1.724E-03	2.176E-03
41	41	Membrane	50	DEAD	LinStatic	-1.729E-02	-3.917E-03	-3.896E-03
41	41	Membrane	48	DEAD	LinStatic	-1.728E-02	-3.904E-03	-1.014E-02
41	41	Membrane	18	DEAD	LinStatic	-4.013E-03	-1.263E-03	-3.901E-03
41	41	Membrane	50	Lr	LinStatic	-1.709E-02	-3.884E-03	-3.856E-03
41	41	Membrane	48	Lr	LinStatic	-1.709E-02	-3.876E-03	-1.003E-02
41	41	Membrane	18	Lr	LinStatic	-3.970E-03	-1.259E-03	-3.859E-03
41	41	Membrane	50	Le	LinStatic	-7.658E-03	-1.740E-03	-1.728E-03
41	41	Membrane	48	Le	LinStatic	-7.658E-03	-1.737E-03	-4.495E-03
41	41	Membrane	18	Le	LinStatic	-1.779E-03	-5.641E-04	-1.729E-03
42	42	Membrane	18	DEAD	LinStatic	1.733E-02	3.439E-03	1.042E-02
42	42	Membrane	48	DEAD	LinStatic	4.091E-03	8.351E-04	4.202E-03
42	42	Membrane	16	DEAD	LinStatic	1.734E-02	3.485E-03	4.187E-03
42	42	Membrane	18	Lr	LinStatic	1.714E-02	3.399E-03	1.030E-02
42	42	Membrane	48	Lr	LinStatic	4.043E-03	8.156E-04	4.151E-03
42	42	Membrane	16	Lr	LinStatic	1.714E-02	3.436E-03	4.139E-03
42	42	Membrane	18	Le	LinStatic	7.678E-03	1.523E-03	4.617E-03
42	42	Membrane	48	Le	LinStatic	1.811E-03	3.655E-04	1.860E-03
42	42	Membrane	16	Le	LinStatic	7.682E-03	1.540E-03	1.854E-03
43	43	Membrane	16	DEAD	LinStatic	1.733E-02	3.454E-03	-4.388E-03
43	43	Membrane	48	DEAD	LinStatic	4.092E-03	8.057E-04	-4.373E-03
43	43	Membrane	14	DEAD	LinStatic	1.734E-02	3.500E-03	-1.062E-02
43	43	Membrane	16	Lr	LinStatic	1.713E-02	3.410E-03	-4.336E-03
43	43	Membrane	48	Lr	LinStatic	4.049E-03	7.934E-04	-4.323E-03
43	43	Membrane	14	Lr	LinStatic	1.714E-02	3.447E-03	-1.049E-02
43	43	Membrane	16	Le	LinStatic	7.677E-03	1.528E-03	-1.943E-03
43	43	Membrane	48	Le	LinStatic	1.814E-03	3.555E-04	-1.937E-03
43	43	Membrane	14	Le	LinStatic	7.680E-03	1.545E-03	-4.702E-03
44	44	Membrane	14	DEAD	LinStatic	-3.881E-03	-1.243E-03	3.639E-03
44	44	Membrane	48	DEAD	LinStatic	-1.706E-02	-3.845E-03	9.831E-03
44	44	Membrane	46	DEAD	LinStatic	-1.706E-02	-3.879E-03	3.627E-03
44	44	Membrane	14	Lr	LinStatic	-3.839E-03	-1.240E-03	3.602E-03
44	44	Membrane	48	Lr	LinStatic	-1.687E-02	-3.816E-03	9.726E-03
44	44	Membrane	46	Lr	LinStatic	-1.687E-02	-3.848E-03	3.592E-03
44	44	Membrane	14	Le	LinStatic	-1.720E-03	-5.557E-04	1.614E-03
44	44	Membrane	48	Le	LinStatic	-7.558E-03	-1.710E-03	4.358E-03
44	44	Membrane	46	Le	LinStatic	-7.561E-03	-1.724E-03	1.609E-03
45	45	Membrane	46	DEAD	LinStatic	-1.683E-02	-3.812E-03	-5.054E-03
45	45	Membrane	44	DEAD	LinStatic	-1.684E-02	-3.846E-03	-1.095E-02
45	45	Membrane	14	DEAD	LinStatic	-4.310E-03	-1.307E-03	-5.042E-03
45	45	Membrane	46	Lr	LinStatic	-1.665E-02	-3.782E-03	-5.002E-03
45	45	Membrane	44	Lr	LinStatic	-1.665E-02	-3.813E-03	-1.083E-02
45	45	Membrane	14	Lr	LinStatic	-4.265E-03	-1.306E-03	-4.991E-03
45	45	Membrane	46	Le	LinStatic	-7.459E-03	-1.695E-03	-2.241E-03
45	45	Membrane	44	Le	LinStatic	-7.462E-03	-1.709E-03	-4.852E-03

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
45	45	Membrane	14	Le	LinStatic	-1.911E-03	-5.850E-04	-2.236E-03
46	46	Membrane	44	DEAD	LinStatic	3.344E-03	7.315E-04	2.611E-03
46	46	Membrane	12	DEAD	LinStatic	1.571E-02	3.204E-03	2.546E-03
46	46	Membrane	14	DEAD	LinStatic	1.567E-02	3.013E-03	8.364E-03
46	46	Membrane	44	Lr	LinStatic	3.299E-03	7.124E-04	2.576E-03
46	46	Membrane	12	Lr	LinStatic	1.553E-02	3.159E-03	2.515E-03
46	46	Membrane	14	Lr	LinStatic	1.549E-02	2.979E-03	8.270E-03
46	46	Membrane	44	Le	LinStatic	1.478E-03	3.192E-04	1.154E-03
46	46	Membrane	12	Le	LinStatic	6.958E-03	1.415E-03	1.127E-03
46	46	Membrane	14	Le	LinStatic	6.942E-03	1.335E-03	3.706E-03
47	47	Membrane	44	DEAD	LinStatic	4.030E-03	7.465E-04	-5.136E-03
47	47	Membrane	10	DEAD	LinStatic	1.536E-02	3.195E-03	-1.051E-02
47	47	Membrane	12	DEAD	LinStatic	1.532E-02	3.004E-03	-5.201E-03
47	47	Membrane	44	Lr	LinStatic	3.985E-03	7.344E-04	-5.078E-03
47	47	Membrane	10	Lr	LinStatic	1.518E-02	3.146E-03	-1.039E-02
47	47	Membrane	12	Lr	LinStatic	1.514E-02	2.966E-03	-5.140E-03
47	47	Membrane	44	Le	LinStatic	1.785E-03	3.290E-04	-2.275E-03
47	47	Membrane	10	Le	LinStatic	6.801E-03	1.410E-03	-4.656E-03
47	47	Membrane	12	Le	LinStatic	6.785E-03	1.329E-03	-2.303E-03
48	48	Membrane	44	DEAD	LinStatic	-1.392E-02	-3.322E-03	6.932E-03
48	48	Membrane	42	DEAD	LinStatic	-1.390E-02	-3.195E-03	1.642E-03
48	48	Membrane	10	DEAD	LinStatic	-2.656E-03	-9.467E-04	1.599E-03
48	48	Membrane	44	Lr	LinStatic	-1.377E-02	-3.293E-03	6.857E-03
48	48	Membrane	42	Lr	LinStatic	-1.374E-02	-3.173E-03	1.627E-03
48	48	Membrane	10	Lr	LinStatic	-2.628E-03	-9.501E-04	1.586E-03
48	48	Membrane	44	Le	LinStatic	-6.168E-03	-1.475E-03	3.072E-03
48	48	Membrane	42	Le	LinStatic	-6.158E-03	-1.422E-03	7.289E-04
48	48	Membrane	10	Le	LinStatic	-1.177E-03	-4.257E-04	7.106E-04
49	49	Membrane	10	DEAD	LinStatic	-3.832E-03	-1.263E-03	-5.499E-03
49	49	Membrane	42	DEAD	LinStatic	-1.331E-02	-3.160E-03	-5.456E-03
49	49	Membrane	40	DEAD	LinStatic	-1.329E-02	-3.033E-03	-9.918E-03
49	49	Membrane	10	Lr	LinStatic	-3.791E-03	-1.260E-03	-5.441E-03
49	49	Membrane	42	Lr	LinStatic	-1.317E-02	-3.134E-03	-5.400E-03
49	49	Membrane	40	Lr	LinStatic	-1.314E-02	-3.015E-03	-9.811E-03
49	49	Membrane	10	Le	LinStatic	-1.699E-03	-5.643E-04	-2.438E-03
49	49	Membrane	42	Le	LinStatic	-5.899E-03	-1.404E-03	-2.419E-03
49	49	Membrane	40	Le	LinStatic	-5.888E-03	-1.351E-03	-4.396E-03
50	50	Membrane	40	DEAD	LinStatic	1.693E-03	4.357E-04	2.564E-04
50	50	Membrane	8	DEAD	LinStatic	1.106E-02	2.308E-03	1.569E-04
50	50	Membrane	10	DEAD	LinStatic	1.100E-02	2.015E-03	4.562E-03
50	50	Membrane	40	Lr	LinStatic	1.672E-03	4.214E-04	2.491E-04
50	50	Membrane	8	Lr	LinStatic	1.093E-02	2.273E-03	1.530E-04
50	50	Membrane	10	Lr	LinStatic	1.087E-02	1.990E-03	4.509E-03
50	50	Membrane	40	Le	LinStatic	7.490E-04	1.888E-04	1.116E-04
50	50	Membrane	8	Le	LinStatic	4.897E-03	1.018E-03	6.857E-05
50	50	Membrane	10	Le	LinStatic	4.871E-03	8.917E-04	2.020E-03
51	51	Membrane	8	DEAD	LinStatic	1.023E-02	1.955E-03	-5.284E-03
51	51	Membrane	40	DEAD	LinStatic	3.196E-03	5.489E-04	-5.185E-03
51	51	Membrane	6	DEAD	LinStatic	1.029E-02	2.248E-03	-8.593E-03
51	51	Membrane	8	Lr	LinStatic	1.011E-02	1.929E-03	-5.222E-03
51	51	Membrane	40	Lr	LinStatic	3.159E-03	5.380E-04	-5.126E-03
51	51	Membrane	6	Lr	LinStatic	1.017E-02	2.211E-03	-8.494E-03
51	51	Membrane	8	Le	LinStatic	4.530E-03	8.641E-04	-2.340E-03
51	51	Membrane	40	Le	LinStatic	1.415E-03	2.410E-04	-2.297E-03

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
51	51	Membrane	6	Le	LinStatic	4.556E-03	9.907E-04	-3.806E-03
52	52	Membrane	6	DEAD	LinStatic	-9.632E-04	-7.606E-04	-9.655E-04
52	52	Membrane	40	DEAD	LinStatic	-7.484E-03	-1.754E-03	2.024E-03
52	52	Membrane	38	DEAD	LinStatic	-7.549E-03	-2.078E-03	-1.076E-03
52	52	Membrane	6	Lr	LinStatic	-9.618E-04	-7.724E-04	-9.448E-04
52	52	Membrane	40	Lr	LinStatic	-7.396E-03	-1.732E-03	1.999E-03
52	52	Membrane	38	Lr	LinStatic	-7.464E-03	-2.073E-03	-1.061E-03
52	52	Membrane	6	Le	LinStatic	-4.309E-04	-3.461E-04	-4.233E-04
52	52	Membrane	40	Le	LinStatic	-3.314E-03	-7.762E-04	8.959E-04
52	52	Membrane	38	Le	LinStatic	-3.344E-03	-9.288E-04	-4.752E-04
53	53	Membrane	38	DEAD	LinStatic	-7.552E-03	-1.871E-03	-4.796E-03
53	53	Membrane	36	DEAD	LinStatic	-7.617E-03	-2.195E-03	-7.988E-03
53	53	Membrane	6	DEAD	LinStatic	-7.686E-04	-5.142E-04	-4.686E-03
53	53	Membrane	38	Lr	LinStatic	-7.488E-03	-1.860E-03	-4.739E-03
53	53	Membrane	36	Lr	LinStatic	-7.556E-03	-2.200E-03	-7.924E-03
53	53	Membrane	6	Lr	LinStatic	-7.200E-04	-5.061E-04	-4.623E-03
53	53	Membrane	38	Le	LinStatic	-3.355E-03	-8.332E-04	-2.123E-03
53	53	Membrane	36	Le	LinStatic	-3.385E-03	-9.858E-04	-3.550E-03
53	53	Membrane	6	Le	LinStatic	-3.226E-04	-2.268E-04	-2.071E-03
54	54	Membrane	6	DEAD	LinStatic	2.633E-03	-2.025E-03	-1.592E-03
54	54	Membrane	36	DEAD	LinStatic	-2.661E-04	1.194E-03	-1.983E-03
54	54	Membrane	4	DEAD	LinStatic	3.424E-03	1.932E-03	-3.328E-03
54	54	Membrane	6	Lr	LinStatic	2.577E-03	-2.082E-03	-1.598E-03
54	54	Membrane	36	Lr	LinStatic	-2.375E-04	1.214E-03	-1.934E-03
54	54	Membrane	4	Lr	LinStatic	3.380E-03	1.937E-03	-3.301E-03
54	54	Membrane	6	Le	LinStatic	1.154E-03	-9.328E-04	-7.160E-04
54	54	Membrane	36	Le	LinStatic	-1.064E-04	5.438E-04	-8.666E-04
54	54	Membrane	4	Le	LinStatic	1.515E-03	8.680E-04	-1.479E-03
55	55	Membrane	4	DEAD	LinStatic	1.643E-03	-3.337E-04	-3.992E-03
55	55	Membrane	36	DEAD	LinStatic	2.019E-03	-2.584E-04	-2.647E-03
55	55	Membrane	2	DEAD	LinStatic	2.045E-03	1.677E-03	-3.902E-03
55	55	Membrane	4	Lr	LinStatic	1.610E-03	-3.564E-04	-3.955E-03
55	55	Membrane	36	Lr	LinStatic	2.007E-03	-2.771E-04	-2.589E-03
55	55	Membrane	2	Lr	LinStatic	2.019E-03	1.686E-03	-3.860E-03
55	55	Membrane	4	Le	LinStatic	7.215E-04	-1.597E-04	-1.772E-03
55	55	Membrane	36	Le	LinStatic	8.992E-04	-1.241E-04	-1.160E-03
55	55	Membrane	2	Le	LinStatic	9.046E-04	7.555E-04	-1.730E-03
56	56	Membrane	2	DEAD	LinStatic	-2.412E-03	-3.192E-04	-3.078E-03
56	56	Membrane	36	DEAD	LinStatic	1.058E-03	-4.363E-04	-3.383E-03
56	56	Membrane	34	DEAD	LinStatic	1.227E-03	4.086E-04	-2.513E-03
56	56	Membrane	2	Lr	LinStatic	-2.406E-03	-3.048E-04	-3.061E-03
56	56	Membrane	36	Lr	LinStatic	1.052E-03	-4.628E-04	-3.338E-03
56	56	Membrane	34	Lr	LinStatic	1.229E-03	4.222E-04	-2.469E-03
56	56	Membrane	2	Le	LinStatic	-1.078E-03	-1.366E-04	-1.371E-03
56	56	Membrane	36	Le	LinStatic	4.714E-04	-2.074E-04	-1.496E-03
56	56	Membrane	34	Le	LinStatic	5.507E-04	1.892E-04	-1.106E-03
57	57	Membrane	2	DEAD	LinStatic	1.906E-03	3.813E-04	-1.273E-03
57	57	Membrane	1	DEAD	LinStatic	1.916E-03	3.832E-04	-1.258E-03
57	57	Membrane	3	DEAD	LinStatic	1.916E-03	3.834E-04	-1.389E-03
57	57	Membrane	4	DEAD	LinStatic	1.906E-03	3.814E-04	-1.404E-03
57	57	Membrane	2	Lr	LinStatic	1.884E-03	3.768E-04	-1.263E-03
57	57	Membrane	1	Lr	LinStatic	1.894E-03	3.787E-04	-1.265E-03
57	57	Membrane	3	Lr	LinStatic	1.894E-03	3.787E-04	-1.396E-03
57	57	Membrane	4	Lr	LinStatic	1.884E-03	3.768E-04	-1.394E-03

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
57	57	Membrane	2	Le	LinStatic	8.441E-04	1.688E-04	-5.659E-04
57	57	Membrane	1	Le	LinStatic	8.485E-04	1.697E-04	-5.670E-04
57	57	Membrane	3	Le	LinStatic	8.485E-04	1.697E-04	-6.254E-04
57	57	Membrane	4	Le	LinStatic	8.441E-04	1.688E-04	-6.244E-04
58	58	Membrane	3	DEAD	LinStatic	1.961E-03	3.924E-04	-1.525E-03
58	58	Membrane	5	DEAD	LinStatic	1.961E-03	3.919E-04	-1.660E-03
58	58	Membrane	6	DEAD	LinStatic	1.934E-03	3.865E-04	-1.675E-03
58	58	Membrane	4	DEAD	LinStatic	1.934E-03	3.870E-04	-1.539E-03
58	58	Membrane	3	Lr	LinStatic	1.938E-03	3.876E-04	-1.522E-03
58	58	Membrane	5	Lr	LinStatic	1.938E-03	3.873E-04	-1.658E-03
58	58	Membrane	6	Lr	LinStatic	1.912E-03	3.820E-04	-1.657E-03
58	58	Membrane	4	Lr	LinStatic	1.912E-03	3.823E-04	-1.521E-03
58	58	Membrane	3	Le	LinStatic	8.685E-04	1.737E-04	-6.821E-04
58	58	Membrane	5	Le	LinStatic	8.685E-04	1.735E-04	-7.430E-04
58	58	Membrane	6	Le	LinStatic	8.565E-04	1.712E-04	-7.425E-04
58	58	Membrane	4	Le	LinStatic	8.565E-04	1.713E-04	-6.817E-04
59	59	Membrane	5	DEAD	LinStatic	7.958E-03	1.591E-03	-1.524E-03
59	59	Membrane	7	DEAD	LinStatic	7.958E-03	1.591E-03	-1.286E-03
59	59	Membrane	8	DEAD	LinStatic	7.903E-03	1.580E-03	-1.302E-03
59	59	Membrane	6	DEAD	LinStatic	7.903E-03	1.580E-03	-1.541E-03
59	59	Membrane	5	Lr	LinStatic	7.868E-03	1.573E-03	-1.516E-03
59	59	Membrane	7	Lr	LinStatic	7.868E-03	1.573E-03	-1.279E-03
59	59	Membrane	8	Lr	LinStatic	7.813E-03	1.562E-03	-1.277E-03
59	59	Membrane	6	Lr	LinStatic	7.813E-03	1.562E-03	-1.513E-03
59	59	Membrane	5	Le	LinStatic	3.525E-03	7.049E-04	-6.792E-04
59	59	Membrane	7	Le	LinStatic	3.525E-03	7.049E-04	-5.730E-04
59	59	Membrane	8	Le	LinStatic	3.501E-03	7.000E-04	-5.720E-04
59	59	Membrane	6	Le	LinStatic	3.501E-03	7.000E-04	-6.781E-04
60	60	Membrane	7	DEAD	LinStatic	7.982E-03	1.596E-03	-1.022E-03
60	60	Membrane	9	DEAD	LinStatic	7.982E-03	1.596E-03	-1.042E-03
60	60	Membrane	10	DEAD	LinStatic	7.914E-03	1.582E-03	-1.063E-03
60	60	Membrane	8	DEAD	LinStatic	7.914E-03	1.582E-03	-1.042E-03
60	60	Membrane	7	Lr	LinStatic	7.891E-03	1.578E-03	-1.021E-03
60	60	Membrane	9	Lr	LinStatic	7.891E-03	1.578E-03	-1.041E-03
60	60	Membrane	10	Lr	LinStatic	7.825E-03	1.564E-03	-1.043E-03
60	60	Membrane	8	Lr	LinStatic	7.825E-03	1.565E-03	-1.023E-03
60	60	Membrane	7	Le	LinStatic	3.536E-03	7.069E-04	-4.575E-04
60	60	Membrane	9	Le	LinStatic	3.536E-03	7.069E-04	-4.665E-04
60	60	Membrane	10	Le	LinStatic	3.506E-03	7.010E-04	-4.673E-04
60	60	Membrane	8	Le	LinStatic	3.506E-03	7.010E-04	-4.583E-04
61	61	Membrane	10	DEAD	LinStatic	1.157E-02	2.313E-03	-9.283E-04
61	61	Membrane	9	DEAD	LinStatic	1.165E-02	2.330E-03	-9.324E-04
61	61	Membrane	11	DEAD	LinStatic	1.165E-02	2.330E-03	-7.483E-04
61	61	Membrane	12	DEAD	LinStatic	1.157E-02	2.312E-03	-7.443E-04
61	61	Membrane	10	Lr	LinStatic	1.144E-02	2.287E-03	-9.068E-04
61	61	Membrane	9	Lr	LinStatic	1.152E-02	2.304E-03	-9.310E-04
61	61	Membrane	11	Lr	LinStatic	1.152E-02	2.303E-03	-7.490E-04
61	61	Membrane	12	Lr	LinStatic	1.144E-02	2.286E-03	-7.248E-04
61	61	Membrane	10	Le	LinStatic	5.124E-03	1.025E-03	-4.063E-04
61	61	Membrane	9	Le	LinStatic	5.163E-03	1.032E-03	-4.171E-04
61	61	Membrane	11	Le	LinStatic	5.163E-03	1.032E-03	-3.356E-04
61	61	Membrane	12	Le	LinStatic	5.124E-03	1.024E-03	-3.247E-04
62	62	Membrane	12	DEAD	LinStatic	1.157E-02	2.313E-03	-5.214E-04
62	62	Membrane	11	DEAD	LinStatic	1.167E-02	2.332E-03	-4.386E-04

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
62	62	Membrane	13	DEAD	LinStatic	1.159E-02	1.956E-03	-7.331E-04
62	62	Membrane	14	DEAD	LinStatic	1.150E-02	1.937E-03	-8.159E-04
62	62	Membrane	12	Lr	LinStatic	1.144E-02	2.287E-03	-5.133E-04
62	62	Membrane	11	Lr	LinStatic	1.153E-02	2.306E-03	-4.391E-04
62	62	Membrane	13	Lr	LinStatic	1.146E-02	1.935E-03	-7.300E-04
62	62	Membrane	14	Lr	LinStatic	1.137E-02	1.916E-03	-8.043E-04
62	62	Membrane	12	Le	LinStatic	5.127E-03	1.025E-03	-2.300E-04
62	62	Membrane	11	Le	LinStatic	5.168E-03	1.033E-03	-1.967E-04
62	62	Membrane	13	Le	LinStatic	5.135E-03	8.668E-04	-3.271E-04
62	62	Membrane	14	Le	LinStatic	5.093E-03	8.585E-04	-3.604E-04
63	63	Membrane	14	DEAD	LinStatic	1.285E-02	2.207E-03	-5.818E-04
63	63	Membrane	13	DEAD	LinStatic	1.294E-02	2.226E-03	-6.499E-04
63	63	Membrane	15	DEAD	LinStatic	1.302E-02	2.602E-03	-2.088E-04
63	63	Membrane	16	DEAD	LinStatic	1.292E-02	2.583E-03	-1.407E-04
63	63	Membrane	14	Lr	LinStatic	1.270E-02	2.183E-03	-5.696E-04
63	63	Membrane	13	Lr	LinStatic	1.280E-02	2.202E-03	-6.446E-04
63	63	Membrane	15	Lr	LinStatic	1.287E-02	2.573E-03	-2.085E-04
63	63	Membrane	16	Lr	LinStatic	1.278E-02	2.554E-03	-1.335E-04
63	63	Membrane	14	Le	LinStatic	5.691E-03	9.780E-04	-2.552E-04
63	63	Membrane	13	Le	LinStatic	5.733E-03	9.865E-04	-2.888E-04
63	63	Membrane	15	Le	LinStatic	5.767E-03	1.153E-03	-9.343E-05
63	63	Membrane	16	Le	LinStatic	5.724E-03	1.144E-03	-5.982E-05
64	64	Membrane	15	DEAD	LinStatic	1.302E-02	2.603E-03	1.591E-05
64	64	Membrane	17	DEAD	LinStatic	1.302E-02	2.603E-03	1.840E-04
64	64	Membrane	18	DEAD	LinStatic	1.292E-02	2.584E-03	1.385E-04
64	64	Membrane	16	DEAD	LinStatic	1.292E-02	2.583E-03	-2.959E-05
64	64	Membrane	15	Lr	LinStatic	1.287E-02	2.573E-03	4.455E-06
64	64	Membrane	17	Lr	LinStatic	1.287E-02	2.574E-03	1.708E-04
64	64	Membrane	18	Lr	LinStatic	1.278E-02	2.554E-03	1.464E-04
64	64	Membrane	16	Lr	LinStatic	1.278E-02	2.554E-03	-1.990E-05
64	64	Membrane	15	Le	LinStatic	5.767E-03	1.153E-03	1.996E-06
64	64	Membrane	17	Le	LinStatic	5.767E-03	1.153E-03	7.651E-05
64	64	Membrane	18	Le	LinStatic	5.724E-03	1.145E-03	6.560E-05
64	64	Membrane	16	Le	LinStatic	5.724E-03	1.144E-03	-8.915E-06
65	65	Membrane	18	DEAD	LinStatic	1.196E-02	2.392E-03	3.974E-04
65	65	Membrane	17	DEAD	LinStatic	1.205E-02	2.410E-03	4.127E-04
65	65	Membrane	19	DEAD	LinStatic	1.205E-02	2.410E-03	4.704E-04
65	65	Membrane	20	DEAD	LinStatic	1.196E-02	2.392E-03	4.551E-04
65	65	Membrane	18	Lr	LinStatic	1.182E-02	2.364E-03	4.038E-04
65	65	Membrane	17	Lr	LinStatic	1.192E-02	2.383E-03	4.006E-04
65	65	Membrane	19	Lr	LinStatic	1.192E-02	2.383E-03	4.577E-04
65	65	Membrane	20	Lr	LinStatic	1.182E-02	2.364E-03	4.609E-04
65	65	Membrane	18	Le	LinStatic	5.298E-03	1.059E-03	1.809E-04
65	65	Membrane	17	Le	LinStatic	5.339E-03	1.068E-03	1.795E-04
65	65	Membrane	19	Le	LinStatic	5.339E-03	1.068E-03	2.051E-04
65	65	Membrane	20	Le	LinStatic	5.298E-03	1.059E-03	2.065E-04
66	66	Membrane	19	DEAD	LinStatic	1.204E-02	2.408E-03	6.082E-04
66	66	Membrane	21	DEAD	LinStatic	1.204E-02	2.408E-03	8.152E-04
66	66	Membrane	22	DEAD	LinStatic	1.196E-02	2.391E-03	7.949E-04
66	66	Membrane	20	DEAD	LinStatic	1.196E-02	2.391E-03	5.878E-04
66	66	Membrane	19	Lr	LinStatic	1.191E-02	2.381E-03	5.912E-04
66	66	Membrane	21	Lr	LinStatic	1.191E-02	2.381E-03	7.967E-04
66	66	Membrane	22	Lr	LinStatic	1.182E-02	2.363E-03	7.952E-04
66	66	Membrane	20	Lr	LinStatic	1.182E-02	2.363E-03	5.898E-04

Table: Element Forces - Area Shells, Part 1 of 2

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
66	66	Membrane	19	Le	LinStatic	5.335E-03	1.067E-03	2.649E-04
66	66	Membrane	21	Le	LinStatic	5.335E-03	1.067E-03	3.570E-04
66	66	Membrane	22	Le	LinStatic	5.296E-03	1.059E-03	3.563E-04
66	66	Membrane	20	Le	LinStatic	5.296E-03	1.059E-03	2.642E-04
67	67	Membrane	21	DEAD	LinStatic	8.758E-03	1.751E-03	1.095E-03
67	67	Membrane	23	DEAD	LinStatic	8.758E-03	1.751E-03	1.056E-03
67	67	Membrane	24	DEAD	LinStatic	8.689E-03	1.737E-03	1.037E-03
67	67	Membrane	22	DEAD	LinStatic	8.689E-03	1.737E-03	1.076E-03
67	67	Membrane	21	Lr	LinStatic	8.656E-03	1.731E-03	1.077E-03
67	67	Membrane	23	Lr	LinStatic	8.657E-03	1.731E-03	1.039E-03
67	67	Membrane	24	Lr	LinStatic	8.589E-03	1.717E-03	1.038E-03
67	67	Membrane	22	Lr	LinStatic	8.589E-03	1.717E-03	1.076E-03
67	67	Membrane	21	Le	LinStatic	3.879E-03	7.754E-04	4.824E-04
67	67	Membrane	23	Le	LinStatic	3.879E-03	7.755E-04	4.654E-04
67	67	Membrane	24	Le	LinStatic	3.848E-03	7.695E-04	4.649E-04
67	67	Membrane	22	Le	LinStatic	3.848E-03	7.694E-04	4.819E-04
68	68	Membrane	23	DEAD	LinStatic	8.736E-03	1.747E-03	1.162E-03
68	68	Membrane	25	DEAD	LinStatic	8.736E-03	1.747E-03	1.212E-03
68	68	Membrane	27	DEAD	LinStatic	8.679E-03	1.736E-03	1.187E-03
68	68	Membrane	24	DEAD	LinStatic	8.679E-03	1.735E-03	1.137E-03
68	68	Membrane	23	Lr	LinStatic	8.635E-03	1.727E-03	1.138E-03
68	68	Membrane	25	Lr	LinStatic	8.635E-03	1.727E-03	1.187E-03
68	68	Membrane	27	Lr	LinStatic	8.579E-03	1.716E-03	1.188E-03
68	68	Membrane	24	Lr	LinStatic	8.579E-03	1.715E-03	1.139E-03
68	68	Membrane	23	Le	LinStatic	3.869E-03	7.736E-04	5.099E-04
68	68	Membrane	25	Le	LinStatic	3.869E-03	7.737E-04	5.318E-04
68	68	Membrane	27	Le	LinStatic	3.844E-03	7.687E-04	5.322E-04
68	68	Membrane	24	Le	LinStatic	3.844E-03	7.685E-04	5.102E-04
69	69	Membrane	25	DEAD	LinStatic	3.125E-03	6.249E-04	1.591E-03
69	69	Membrane	29	DEAD	LinStatic	3.125E-03	6.248E-04	1.592E-03
69	69	Membrane	30	DEAD	LinStatic	3.104E-03	6.205E-04	1.568E-03
69	69	Membrane	27	DEAD	LinStatic	3.104E-03	6.206E-04	1.567E-03
69	69	Membrane	25	Lr	LinStatic	3.089E-03	6.175E-04	1.565E-03
69	69	Membrane	29	Lr	LinStatic	3.089E-03	6.175E-04	1.568E-03
69	69	Membrane	30	Lr	LinStatic	3.068E-03	6.133E-04	1.568E-03
69	69	Membrane	27	Lr	LinStatic	3.068E-03	6.133E-04	1.565E-03
69	69	Membrane	25	Le	LinStatic	1.384E-03	2.767E-04	7.013E-04
69	69	Membrane	29	Le	LinStatic	1.384E-03	2.767E-04	7.023E-04
69	69	Membrane	30	Le	LinStatic	1.374E-03	2.748E-04	7.024E-04
69	69	Membrane	27	Le	LinStatic	1.374E-03	2.748E-04	7.014E-04
70	70	Membrane	29	DEAD	LinStatic	3.089E-03	6.175E-04	1.648E-03
70	70	Membrane	31	DEAD	LinStatic	3.089E-03	6.178E-04	1.444E-03
70	70	Membrane	32	DEAD	LinStatic	3.085E-03	6.171E-04	1.421E-03
70	70	Membrane	30	DEAD	LinStatic	3.085E-03	6.167E-04	1.625E-03
70	70	Membrane	29	Lr	LinStatic	3.052E-03	6.102E-04	1.649E-03
70	70	Membrane	31	Lr	LinStatic	3.052E-03	6.104E-04	1.435E-03
70	70	Membrane	32	Lr	LinStatic	3.049E-03	6.098E-04	1.434E-03
70	70	Membrane	30	Lr	LinStatic	3.049E-03	6.096E-04	1.648E-03
70	70	Membrane	29	Le	LinStatic	1.368E-03	2.734E-04	7.387E-04
70	70	Membrane	31	Le	LinStatic	1.368E-03	2.735E-04	6.428E-04
70	70	Membrane	32	Le	LinStatic	1.366E-03	2.732E-04	6.426E-04
70	70	Membrane	30	Le	LinStatic	1.366E-03	2.731E-04	7.385E-04

Table: Element Forces - Area Shells, Part 2 of 2

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
1	1	33	DEAD	3.371E-03	-1.744E-03	40.404	4.504E-03
1	1	35	DEAD	3.783E-03	-3.161E-03	38.816	6.022E-03
1	1	1	DEAD	1.895E-03	-4.618E-03	54.327	5.802E-03
1	1	33	Lr	3.334E-03	-1.689E-03	40.395	4.427E-03
1	1	35	Lr	3.722E-03	-3.137E-03	38.636	5.947E-03
1	1	1	Lr	1.894E-03	-4.595E-03	54.414	5.779E-03
1	1	33	Le	1.494E-03	-7.566E-04	40.395	1.984E-03
1	1	35	Le	1.668E-03	-1.406E-03	38.636	2.665E-03
1	1	1	Le	8.484E-04	-2.059E-03	54.414	2.589E-03
2	2	1	DEAD	5.792E-03	-2.053E-03	43.617	7.046E-03
2	2	35	DEAD	3.783E-03	-2.010E-03	33.449	5.095E-03
2	2	3	DEAD	4.793E-03	-3.458E-03	38.053	7.177E-03
2	2	1	Lr	5.744E-03	-2.017E-03	43.744	6.975E-03
2	2	35	Lr	3.711E-03	-1.973E-03	33.171	4.999E-03
2	2	3	Lr	4.728E-03	-3.451E-03	38.02	7.113E-03
2	2	1	Le	2.574E-03	-9.039E-04	43.744	3.125E-03
2	2	35	Le	1.663E-03	-8.839E-04	33.171	2.240E-03
2	2	3	Le	2.119E-03	-1.546E-03	38.02	3.187E-03
3	3	3	DEAD	6.105E-03	-7.074E-04	38.558	6.488E-03
3	3	35	DEAD	2.581E-03	-1.637E-03	55.056	3.683E-03
3	3	5	DEAD	3.151E-03	-2.483E-03	16.984	4.891E-03
3	3	3	Lr	6.057E-03	-6.933E-04	38.727	6.431E-03
3	3	35	Lr	2.558E-03	-1.560E-03	55.264	3.602E-03
3	3	5	Lr	3.096E-03	-2.553E-03	17.034	4.900E-03
3	3	3	Le	2.714E-03	-3.106E-04	38.727	2.882E-03
3	3	35	Le	1.146E-03	-6.992E-04	55.264	1.614E-03
3	3	5	Le	1.387E-03	-1.144E-03	17.034	2.196E-03
4	4	5	DEAD	4.054E-03	-5.334E-03	45.784	8.155E-03
4	4	35	DEAD	3.534E-03	-1.337E-02	54.369	1.545E-02
4	4	37	DEAD	8.658E-04	-1.031E-02	60.329	1.076E-02
4	4	5	Lr	4.019E-03	-5.247E-03	45.659	8.048E-03
4	4	35	Lr	3.494E-03	-1.327E-02	54.344	1.532E-02
4	4	37	Lr	8.366E-04	-1.021E-02	60.36	1.065E-02
4	4	5	Le	1.801E-03	-2.351E-03	45.659	3.606E-03
4	4	35	Le	1.565E-03	-5.945E-03	54.344	6.863E-03
4	4	37	Le	3.749E-04	-4.573E-03	60.36	4.771E-03
5	5	5	DEAD	1.193E-04	-1.829E-03	47.779	1.891E-03
5	5	37	DEAD	-1.880E-03	-7.780E-03	79.239	7.031E-03
5	5	39	DEAD	-1.106E-03	-8.155E-03	-72.361	7.662E-03
5	5	5	Lr	9.680E-05	-1.814E-03	47.692	1.864E-03
5	5	37	Lr	-1.874E-03	-7.690E-03	79.25	6.945E-03
5	5	39	Lr	-1.099E-03	-8.061E-03	-72.346	7.571E-03
5	5	5	Le	4.337E-05	-8.126E-04	47.692	8.351E-04
5	5	37	Le	-8.398E-04	-3.446E-03	79.25	3.112E-03
5	5	39	Le	-4.924E-04	-3.612E-03	-72.346	3.392E-03
6	6	39	DEAD	7.278E-03	-3.487E-03	37.822	9.513E-03
6	6	7	DEAD	1.288E-02	-6.099E-04	25.956	1.320E-02
6	6	5	DEAD	1.584E-02	-3.234E-03	32.436	1.768E-02
6	6	39	Lr	7.185E-03	-3.451E-03	37.799	9.398E-03
6	6	7	Lr	1.273E-02	-6.100E-04	25.937	1.305E-02
6	6	5	Lr	1.566E-02	-3.198E-03	32.434	1.748E-02
6	6	39	Le	3.219E-03	-1.546E-03	37.799	4.211E-03
6	6	7	Le	5.704E-03	-2.733E-04	25.937	5.845E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
6	6	5	Le	7.016E-03	-1.433E-03	32.434	7.832E-03
7	7	39	DEAD	1.784E-03	3.831E-04	-11.482	1.626E-03
7	7	9	DEAD	1.302E-02	1.087E-04	-22.773	1.296E-02
7	7	7	DEAD	1.114E-02	2.317E-03	-1.161	1.018E-02
7	7	39	Lr	1.763E-03	3.755E-04	-11.439	1.609E-03
7	7	9	Lr	1.286E-02	9.856E-05	-22.743	1.281E-02
7	7	7	Lr	1.101E-02	2.287E-03	-1.136	1.007E-02
7	7	39	Le	7.900E-04	1.682E-04	-11.439	7.208E-04
7	7	9	Le	5.762E-03	4.416E-05	-22.743	5.740E-03
7	7	7	Le	4.935E-03	1.025E-03	-1.136	4.511E-03
8	8	39	DEAD	3.013E-03	-1.938E-02	58.667	2.105E-02
8	8	41	DEAD	-7.878E-04	-1.573E-02	66.487	1.535E-02
8	8	9	DEAD	3.110E-03	-8.198E-03	51.557	1.012E-02
8	8	39	Lr	2.976E-03	-1.917E-02	58.654	2.081E-02
8	8	41	Lr	-7.888E-04	-1.556E-02	66.461	1.518E-02
8	8	9	Lr	3.071E-03	-8.118E-03	51.52	1.001E-02
8	8	39	Le	1.333E-03	-8.588E-03	58.654	9.326E-03
8	8	41	Le	-3.534E-04	-6.970E-03	66.461	6.800E-03
8	8	9	Le	1.376E-03	-3.637E-03	51.52	4.486E-03
9	9	9	DEAD	1.757E-05	-3.598E-03	-58.954	3.607E-03
9	9	41	DEAD	-2.960E-03	-1.418E-02	-81.507	1.296E-02
9	9	43	DEAD	1.119E-04	-1.740E-02	-63.694	1.746E-02
9	9	9	Lr	1.112E-05	-3.564E-03	-58.878	3.570E-03
9	9	41	Lr	-2.935E-03	-1.403E-02	-81.478	1.281E-02
9	9	43	Lr	1.003E-04	-1.722E-02	-63.668	1.727E-02
9	9	9	Le	4.984E-06	-1.597E-03	-58.878	1.599E-03
9	9	41	Le	-1.315E-03	-6.285E-03	-81.478	5.741E-03
9	9	43	Le	4.496E-05	-7.713E-03	-63.668	7.736E-03
10	10	43	DEAD	7.875E-03	-3.009E-03	36.116	9.734E-03
10	10	11	DEAD	1.734E-02	1.121E-03	20.11	1.680E-02
10	10	9	DEAD	2.154E-02	-2.892E-03	29.942	2.312E-02
10	10	43	Lr	7.777E-03	-2.978E-03	36.091	9.619E-03
10	10	11	Lr	1.714E-02	1.100E-03	20.098	1.662E-02
10	10	9	Lr	2.129E-02	-2.859E-03	29.94	2.286E-02
10	10	43	Le	3.485E-03	-1.334E-03	36.091	4.310E-03
10	10	11	Le	7.679E-03	4.929E-04	20.098	7.444E-03
10	10	9	Le	9.540E-03	-1.281E-03	29.94	1.024E-02
11	11	43	DEAD	5.005E-03	-8.940E-04	-31.648	5.506E-03
11	11	13	DEAD	2.000E-02	-1.142E-03	-26.484	2.059E-02
11	11	11	DEAD	1.633E-02	2.711E-03	-11.136	1.516E-02
11	11	43	Lr	4.949E-03	-8.856E-04	-31.621	5.447E-03
11	11	13	Lr	1.976E-02	-1.136E-03	-26.466	2.035E-02
11	11	11	Lr	1.615E-02	2.677E-03	-11.123	1.499E-02
11	11	43	Le	2.218E-03	-3.968E-04	-31.621	2.440E-03
11	11	13	Le	8.855E-03	-5.088E-04	-26.466	9.120E-03
11	11	11	Le	7.234E-03	1.199E-03	-11.123	6.716E-03
12	12	13	DEAD	2.462E-03	-8.064E-03	53.256	9.536E-03
12	12	43	DEAD	2.396E-03	-2.313E-02	60.345	2.442E-02
12	12	45	DEAD	-2.092E-03	-1.861E-02	71.119	1.765E-02
12	12	13	Lr	2.430E-03	-7.982E-03	53.223	9.435E-03
12	12	43	Lr	2.363E-03	-2.289E-02	60.329	2.415E-02
12	12	45	Lr	-2.077E-03	-1.841E-02	71.097	1.746E-02
12	12	13	Le	1.089E-03	-3.576E-03	53.223	4.227E-03
12	12	43	Le	1.059E-03	-1.025E-02	60.329	1.082E-02

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
12	12	45	Le	-9.304E-04	-8.247E-03	71.097	7.823E-03
13	13	13	DEAD	1.316E-03	-6.425E-03	-54.925	7.174E-03
13	13	45	DEAD	-2.956E-03	-1.804E-02	-75.613	1.676E-02
13	13	47	DEAD	1.399E-03	-2.235E-02	-61.944	2.309E-02
13	13	13	Lr	1.297E-03	-6.365E-03	-54.876	7.103E-03
13	13	45	Lr	-2.933E-03	-1.784E-02	-75.586	1.657E-02
13	13	47	Lr	1.378E-03	-2.211E-02	-61.929	2.283E-02
13	13	13	Le	5.811E-04	-2.852E-03	-54.876	3.182E-03
13	13	45	Le	-1.314E-03	-7.994E-03	-75.586	7.424E-03
13	13	47	Le	6.175E-04	-9.907E-03	-61.929	1.023E-02
14	14	47	DEAD	7.193E-03	-2.231E-03	34.645	8.530E-03
14	14	15	DEAD	1.873E-02	2.191E-03	16.178	1.774E-02
14	14	13	DEAD	2.325E-02	-2.260E-03	28.452	2.446E-02
14	14	47	Lr	7.098E-03	-2.209E-03	34.621	8.423E-03
14	14	15	Lr	1.852E-02	2.159E-03	16.158	1.754E-02
14	14	13	Lr	2.299E-02	-2.235E-03	28.449	2.418E-02
14	14	47	Le	3.180E-03	-9.899E-04	34.621	3.774E-03
14	14	15	Le	8.297E-03	9.676E-04	16.158	7.858E-03
14	14	13	Le	1.030E-02	-1.001E-03	28.449	1.084E-02
15	15	15	DEAD	1.864E-02	2.332E-03	-15.605	1.759E-02
15	15	47	DEAD	7.058E-03	-2.049E-03	-34.359	8.275E-03
15	15	17	DEAD	2.305E-02	-2.151E-03	-28.143	2.420E-02
15	15	15	Lr	1.842E-02	2.303E-03	-15.596	1.739E-02
15	15	47	Lr	6.978E-03	-2.029E-03	-34.348	8.183E-03
15	15	17	Lr	2.278E-02	-2.134E-03	-28.131	2.392E-02
15	15	15	Le	8.254E-03	1.032E-03	-15.596	7.790E-03
15	15	47	Le	3.127E-03	-9.089E-04	-34.348	3.667E-03
15	15	17	Le	1.021E-02	-9.563E-04	-28.131	1.072E-02
16	16	17	DEAD	1.510E-03	-6.751E-03	54.679	7.619E-03
16	16	47	DEAD	1.557E-03	-2.282E-02	61.683	2.364E-02
16	16	49	DEAD	-2.869E-03	-1.839E-02	74.912	1.713E-02
16	16	17	Lr	1.487E-03	-6.686E-03	54.629	7.540E-03
16	16	47	Lr	1.534E-03	-2.257E-02	61.673	2.337E-02
16	16	49	Lr	-2.849E-03	-1.818E-02	74.892	1.694E-02
16	16	17	Le	6.663E-04	-2.995E-03	54.629	3.378E-03
16	16	47	Le	6.875E-04	-1.011E-02	61.673	1.047E-02
16	16	49	Le	-1.276E-03	-8.147E-03	74.892	7.589E-03
17	17	49	DEAD	-2.275E-03	-1.879E-02	-71.756	1.777E-02
17	17	51	DEAD	2.296E-03	-2.336E-02	-60.6	2.458E-02
17	17	17	DEAD	2.326E-03	-7.945E-03	-53.438	9.329E-03
17	17	49	Lr	-2.255E-03	-1.859E-02	-71.731	1.757E-02
17	17	51	Lr	2.261E-03	-2.310E-02	-60.581	2.431E-02
17	17	17	Lr	2.296E-03	-7.864E-03	-53.41	9.229E-03
17	17	49	Le	-1.010E-03	-8.328E-03	-71.731	7.872E-03
17	17	51	Le	1.013E-03	-1.035E-02	-60.581	1.089E-02
17	17	17	Le	1.029E-03	-3.524E-03	-53.41	4.135E-03
18	18	19	DEAD	1.694E-02	2.689E-03	12.004	1.577E-02
18	18	17	DEAD	2.082E-02	-1.328E-03	26.838	2.151E-02
18	18	51	DEAD	5.394E-03	-1.114E-03	32.328	6.028E-03
18	18	19	Lr	1.675E-02	2.651E-03	11.988	1.559E-02
18	18	17	Lr	2.058E-02	-1.312E-03	26.833	2.126E-02
18	18	51	Lr	5.323E-03	-1.104E-03	32.28	5.952E-03
18	18	19	Le	7.504E-03	1.188E-03	11.988	6.986E-03
18	18	17	Le	9.220E-03	-5.880E-04	26.833	9.527E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
18	18	51	Le	2.385E-03	-4.948E-04	32.28	2.667E-03
19	19	51	DEAD	7.856E-03	-2.899E-03	-35.884	9.638E-03
19	19	21	DEAD	2.209E-02	-2.816E-03	-29.646	2.363E-02
19	19	19	DEAD	1.779E-02	1.346E-03	-19.391	1.715E-02
19	19	51	Lr	7.765E-03	-2.869E-03	-35.874	9.530E-03
19	19	21	Lr	2.183E-02	-2.791E-03	-29.633	2.335E-02
19	19	19	Lr	1.758E-02	1.328E-03	-19.381	1.695E-02
19	19	51	Le	3.479E-03	-1.286E-03	-35.874	4.270E-03
19	19	21	Le	9.782E-03	-1.251E-03	-29.633	1.046E-02
19	19	19	Le	7.877E-03	5.951E-04	-19.381	7.597E-03
20	20	51	DEAD	3.583E-04	-1.850E-02	63.321	1.868E-02
20	20	53	DEAD	-3.019E-03	-1.503E-02	80.165	1.377E-02
20	20	21	DEAD	2.507E-04	-4.168E-03	57.66	4.299E-03
20	20	51	Lr	3.492E-04	-1.829E-02	63.307	1.847E-02
20	20	53	Lr	-2.998E-03	-1.487E-02	80.144	1.362E-02
20	20	21	Lr	2.412E-04	-4.130E-03	57.563	4.255E-03
20	20	51	Le	1.565E-04	-8.196E-03	63.307	8.275E-03
20	20	53	Le	-1.343E-03	-6.660E-03	80.144	6.101E-03
20	20	21	Le	1.081E-04	-1.850E-03	57.563	1.907E-03
21	21	21	DEAD	3.022E-03	-8.265E-03	-51.907	1.012E-02
21	21	53	DEAD	-1.039E-03	-1.642E-02	-67.404	1.592E-02
21	21	55	DEAD	2.919E-03	-2.029E-02	-59.002	2.189E-02
21	21	21	Lr	2.984E-03	-8.180E-03	-51.882	1.001E-02
21	21	53	Lr	-1.032E-03	-1.624E-02	-67.377	1.575E-02
21	21	55	Lr	2.878E-03	-2.007E-02	-58.981	2.165E-02
21	21	21	Le	1.337E-03	-3.665E-03	-51.882	4.485E-03
21	21	53	Le	-4.626E-04	-7.275E-03	-67.377	7.055E-03
21	21	55	Le	1.290E-03	-8.991E-03	-58.981	9.700E-03
22	22	55	DEAD	2.337E-03	2.152E-04	21.034	2.237E-03
22	22	23	DEAD	1.217E-02	2.460E-03	3.742	1.115E-02
22	22	21	DEAD	1.445E-02	-9.587E-05	23.791	1.450E-02
22	22	55	Lr	2.302E-03	2.073E-04	20.863	2.206E-03
22	22	23	Lr	1.203E-02	2.423E-03	3.724	1.102E-02
22	22	21	Lr	1.428E-02	-9.457E-05	23.783	1.433E-02
22	22	55	Le	1.032E-03	9.287E-05	20.863	9.884E-04
22	22	23	Le	5.389E-03	1.085E-03	3.724	4.937E-03
22	22	21	Le	6.399E-03	-4.237E-05	23.783	6.420E-03
23	23	55	DEAD	7.498E-03	-3.420E-03	-37.468	9.673E-03
23	23	25	DEAD	1.703E-02	-3.200E-03	-31.838	1.883E-02
23	23	23	DEAD	1.382E-02	-2.644E-04	-24.725	1.395E-02
23	23	55	Lr	7.410E-03	-3.384E-03	-37.458	9.562E-03
23	23	25	Lr	1.682E-02	-3.170E-03	-31.823	1.861E-02
23	23	23	Lr	1.365E-02	-2.636E-04	-24.715	1.379E-02
23	23	55	Le	3.320E-03	-1.516E-03	-37.458	4.284E-03
23	23	25	Le	7.538E-03	-1.420E-03	-31.823	8.340E-03
23	23	23	Le	6.118E-03	-1.181E-04	-24.715	6.178E-03
24	24	55	DEAD	-1.093E-03	-1.016E-02	68.406	9.660E-03
24	24	57	DEAD	-2.154E-03	-8.957E-03	-85.132	8.098E-03
24	24	25	DEAD	-2.102E-04	-1.522E-03	-55.105	1.429E-03
24	24	55	Lr	-1.086E-03	-1.004E-02	68.385	9.548E-03
24	24	57	Lr	-2.144E-03	-8.855E-03	-85.139	8.001E-03
24	24	25	Lr	-2.235E-04	-1.507E-03	-54.92	1.409E-03
24	24	55	Le	-4.864E-04	-4.500E-03	68.385	4.278E-03
24	24	57	Le	-9.606E-04	-3.967E-03	-85.139	3.585E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
24	24	25	Le	-1.002E-04	-6.753E-04	-54.92	6.312E-04
25	25	25	DEAD	3.542E-03	-7.017E-03	-49.052	9.309E-03
25	25	57	DEAD	8.358E-04	-1.118E-02	-60.167	1.162E-02
25	25	59	DEAD	3.361E-03	-1.357E-02	-55.68	1.552E-02
25	25	25	Lr	3.497E-03	-6.941E-03	-49.024	9.202E-03
25	25	57	Lr	8.217E-04	-1.106E-02	-60.141	1.149E-02
25	25	59	Lr	3.313E-03	-1.342E-02	-55.65	1.535E-02
25	25	25	Le	1.567E-03	-3.110E-03	-49.024	4.123E-03
25	25	57	Le	3.682E-04	-4.956E-03	-60.141	5.150E-03
25	25	59	Le	1.484E-03	-6.013E-03	-55.65	6.877E-03
26	26	59	DEAD	2.179E-03	-2.057E-03	-48.148	3.669E-03
26	26	29	DEAD	6.134E-03	4.486E-05	-27.033	6.112E-03
26	26	25	DEAD	4.666E-03	2.418E-04	-1.165	4.550E-03
26	26	59	Lr	2.151E-03	-2.040E-03	-48.096	3.630E-03
26	26	29	Lr	6.060E-03	3.544E-05	-27.02	6.043E-03
26	26	25	Lr	4.610E-03	2.334E-04	-1.196	4.498E-03
26	26	59	Le	9.638E-04	-9.142E-04	-48.096	1.627E-03
26	26	29	Le	2.715E-03	1.588E-05	-27.02	2.707E-03
26	26	25	Le	2.066E-03	1.046E-04	-1.196	2.015E-03
27	27	59	DEAD	6.302E-03	-2.644E-03	-35.432	7.960E-03
27	27	31	DEAD	6.650E-03	-2.405E-03	-38.95	8.124E-03
27	27	29	DEAD	6.356E-03	-3.181E-03	-37.055	8.410E-03
27	27	59	Lr	6.316E-03	-2.587E-03	-35.205	7.932E-03
27	27	31	Lr	6.489E-03	-2.366E-03	-38.997	7.941E-03
27	27	29	Lr	6.257E-03	-3.189E-03	-37.186	8.323E-03
27	27	59	Le	2.830E-03	-1.159E-03	-35.205	3.554E-03
27	27	31	Le	2.907E-03	-1.060E-03	-38.997	3.558E-03
27	27	29	Le	2.804E-03	-1.429E-03	-37.186	3.729E-03
28	28	59	DEAD	-3.227E-03	-5.804E-03	-7.751	5.037E-03
28	28	61	DEAD	3.548E-03	-3.360E-03	-61.013	5.983E-03
28	28	31	DEAD	1.009E-02	-2.074E-03	-41.328	1.127E-02
28	28	59	Lr	-3.340E-03	-5.973E-03	-5.033	5.185E-03
28	28	61	Lr	3.556E-03	-3.318E-03	-61.657	5.954E-03
28	28	31	Lr	1.026E-02	-2.016E-03	-41.348	1.140E-02
28	28	59	Le	-1.496E-03	-2.676E-03	-5.033	2.323E-03
28	28	61	Le	1.593E-03	-1.486E-03	-61.657	2.668E-03
28	28	31	Le	4.596E-03	-9.033E-04	-41.348	5.108E-03
29	29	32	DEAD	1.008E-02	-2.075E-03	41.314	1.126E-02
29	29	62	DEAD	3.545E-03	-3.366E-03	60.974	5.986E-03
29	29	60	DEAD	-3.223E-03	-5.791E-03	7.884	5.026E-03
29	29	32	Lr	1.025E-02	-2.018E-03	41.345	1.140E-02
29	29	62	Lr	3.556E-03	-3.320E-03	61.636	5.956E-03
29	29	60	Lr	-3.338E-03	-5.968E-03	5.11	5.181E-03
29	29	32	Le	4.594E-03	-9.040E-04	41.345	5.107E-03
29	29	62	Le	1.593E-03	-1.488E-03	61.636	2.669E-03
29	29	60	Le	-1.495E-03	-2.674E-03	5.11	2.321E-03
30	30	60	DEAD	6.312E-03	-2.643E-03	35.502	7.970E-03
30	30	30	DEAD	6.363E-03	-3.172E-03	37.1	8.410E-03
30	30	32	DEAD	6.650E-03	-2.409E-03	38.959	8.127E-03
30	30	60	Lr	6.321E-03	-2.586E-03	35.258	7.937E-03
30	30	30	Lr	6.265E-03	-3.185E-03	37.223	8.328E-03
30	30	32	Lr	6.498E-03	-2.366E-03	39.032	7.949E-03
30	30	60	Le	2.832E-03	-1.159E-03	35.258	3.556E-03
30	30	30	Le	2.807E-03	-1.427E-03	37.223	3.732E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
30	30	32	Le	2.911E-03	-1.060E-03	39.032	3.562E-03
31	31	30	DEAD	1.829E-03	-4.264E-03	55.459	5.415E-03
31	31	60	DEAD	-4.536E-04	-8.846E-03	71.781	8.628E-03
31	31	58	DEAD	-2.306E-03	-8.240E-03	-88.07	7.363E-03
31	31	30	Lr	1.814E-03	-4.220E-03	55.413	5.363E-03
31	31	60	Lr	-4.491E-04	-8.746E-03	71.762	8.531E-03
31	31	58	Lr	-2.296E-03	-8.148E-03	-88.077	7.277E-03
31	31	30	Le	8.130E-04	-1.891E-03	55.413	2.403E-03
31	31	60	Le	-2.012E-04	-3.919E-03	71.762	3.822E-03
31	31	58	Le	-1.029E-03	-3.651E-03	-88.077	3.261E-03
32	32	58	DEAD	4.652E-03	-5.572E-03	44.427	8.866E-03
32	32	27	DEAD	8.126E-03	-2.999E-03	33.811	9.969E-03
32	32	30	DEAD	1.042E-02	-5.176E-03	37.266	1.376E-02
32	32	58	Lr	4.587E-03	-5.516E-03	44.393	8.762E-03
32	32	27	Lr	8.027E-03	-2.978E-03	33.784	9.860E-03
32	32	30	Lr	1.030E-02	-5.123E-03	37.261	1.360E-02
32	32	58	Le	2.055E-03	-2.472E-03	44.393	3.926E-03
32	32	27	Le	3.597E-03	-1.334E-03	33.784	4.418E-03
32	32	30	Le	4.614E-03	-2.295E-03	37.261	6.095E-03
33	33	27	DEAD	-2.370E-04	-1.527E-03	55.465	1.424E-03
33	33	58	DEAD	-2.159E-03	-8.937E-03	85.158	8.077E-03
33	33	56	DEAD	-1.083E-03	-1.013E-02	-68.456	9.631E-03
33	33	27	Lr	-2.419E-04	-1.513E-03	55.33	1.408E-03
33	33	58	Lr	-2.143E-03	-8.833E-03	85.188	7.980E-03
33	33	56	Lr	-1.085E-03	-1.002E-02	-68.404	9.521E-03
33	33	27	Le	-1.084E-04	-6.781E-04	55.33	6.309E-04
33	33	58	Le	-9.602E-04	-3.958E-03	85.188	3.575E-03
33	33	56	Le	-4.861E-04	-4.488E-03	-68.404	4.266E-03
34	34	56	DEAD	7.455E-03	-3.411E-03	37.519	9.625E-03
34	34	24	DEAD	1.374E-02	-2.608E-04	24.743	1.387E-02
34	34	27	DEAD	1.693E-02	-3.197E-03	31.841	1.873E-02
34	34	56	Lr	7.363E-03	-3.375E-03	37.49	9.510E-03
34	34	24	Lr	1.358E-02	-2.668E-04	24.733	1.371E-02
34	34	27	Lr	1.673E-02	-3.160E-03	31.839	1.852E-02
34	34	56	Le	3.299E-03	-1.512E-03	37.49	4.261E-03
34	34	24	Le	6.082E-03	-1.195E-04	24.733	6.143E-03
34	34	27	Le	7.497E-03	-1.416E-03	31.839	8.296E-03
35	35	24	DEAD	1.209E-02	2.441E-03	-3.664	1.107E-02
35	35	56	DEAD	2.283E-03	2.136E-04	-20.821	2.184E-03
35	35	22	DEAD	1.436E-02	-8.523E-05	-23.803	1.440E-02
35	35	24	Lr	1.194E-02	2.409E-03	-3.638	1.094E-02
35	35	56	Lr	2.255E-03	2.085E-04	-20.765	2.158E-03
35	35	22	Lr	1.418E-02	-9.224E-05	-23.776	1.423E-02
35	35	24	Le	5.352E-03	1.079E-03	-3.638	4.902E-03
35	35	56	Le	1.010E-03	9.343E-05	-20.765	9.671E-04
35	35	22	Le	6.354E-03	-4.133E-05	-23.776	6.375E-03
36	36	22	DEAD	3.009E-03	-8.257E-03	51.948	1.010E-02
36	36	56	DEAD	2.902E-03	-2.024E-02	58.997	2.184E-02
36	36	54	DEAD	-1.029E-03	-1.638E-02	67.392	1.589E-02
36	36	22	Lr	2.971E-03	-8.175E-03	51.911	9.998E-03
36	36	56	Lr	2.866E-03	-2.002E-02	58.983	2.159E-02
36	36	54	Lr	-1.027E-03	-1.620E-02	67.365	1.571E-02
36	36	22	Le	1.331E-03	-3.663E-03	51.911	4.480E-03
36	36	56	Le	1.284E-03	-8.968E-03	58.983	9.674E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
36	36	54	Le	-4.602E-04	-7.259E-03	67.365	7.040E-03
37	37	54	DEAD	-3.014E-03	-1.500E-02	-80.137	1.374E-02
37	37	52	DEAD	3.589E-04	-1.844E-02	-63.34	1.862E-02
37	37	22	DEAD	2.443E-04	-4.187E-03	-57.695	4.314E-03
37	37	54	Lr	-2.989E-03	-1.483E-02	-80.111	1.358E-02
37	37	52	Lr	3.445E-04	-1.824E-02	-63.317	1.841E-02
37	37	22	Lr	2.351E-04	-4.146E-03	-57.633	4.268E-03
37	37	54	Le	-1.339E-03	-6.644E-03	-80.111	6.086E-03
37	37	52	Le	1.543E-04	-8.172E-03	-63.317	8.250E-03
37	37	22	Le	1.054E-04	-1.858E-03	-57.633	1.912E-03
38	38	22	DEAD	2.195E-02	-2.811E-03	29.649	2.348E-02
38	38	52	DEAD	7.793E-03	-2.890E-03	35.943	9.571E-03
38	38	20	DEAD	1.767E-02	1.343E-03	19.39	1.704E-02
38	38	22	Lr	2.170E-02	-2.780E-03	29.647	2.321E-02
38	38	52	Lr	7.696E-03	-2.861E-03	35.918	9.456E-03
38	38	20	Lr	1.746E-02	1.319E-03	19.379	1.684E-02
38	38	22	Le	9.722E-03	-1.246E-03	29.647	1.040E-02
38	38	52	Le	3.448E-03	-1.282E-03	35.918	4.237E-03
38	38	20	Le	7.825E-03	5.911E-04	19.379	7.547E-03
39	39	20	DEAD	1.682E-02	2.670E-03	-11.968	1.566E-02
39	39	52	DEAD	5.322E-03	-1.109E-03	-32.346	5.954E-03
39	39	18	DEAD	2.068E-02	-1.313E-03	-26.851	2.137E-02
39	39	20	Lr	1.663E-02	2.637E-03	-11.951	1.548E-02
39	39	52	Lr	5.259E-03	-1.098E-03	-32.327	5.885E-03
39	39	18	Lr	2.043E-02	-1.306E-03	-26.834	2.112E-02
39	39	20	Le	7.450E-03	1.182E-03	-11.951	6.935E-03
39	39	52	Le	2.356E-03	-4.919E-04	-32.327	2.637E-03
39	39	18	Le	9.156E-03	-5.850E-04	-26.834	9.462E-03
40	40	18	DEAD	2.315E-03	-7.941E-03	53.499	9.316E-03
40	40	52	DEAD	2.276E-03	-2.330E-02	60.591	2.452E-02
40	40	50	DEAD	-2.258E-03	-1.875E-02	71.735	1.773E-02
40	40	18	Lr	2.284E-03	-7.863E-03	53.457	9.220E-03
40	40	52	Lr	2.247E-03	-2.304E-02	60.579	2.424E-02
40	40	50	Lr	-2.243E-03	-1.854E-02	71.712	1.753E-02
40	40	18	Le	1.023E-03	-3.523E-03	53.457	4.131E-03
40	40	52	Le	1.007E-03	-1.032E-02	60.579	1.086E-02
40	40	50	Le	-1.005E-03	-8.308E-03	71.712	7.854E-03
41	41	50	DEAD	-2.865E-03	-1.834E-02	-74.881	1.709E-02
41	41	48	DEAD	1.557E-03	-2.274E-02	-61.704	2.356E-02
41	41	18	DEAD	1.499E-03	-6.774E-03	-54.709	7.634E-03
41	41	50	Lr	-2.840E-03	-1.814E-02	-74.86	1.690E-02
41	41	48	Lr	1.529E-03	-2.250E-02	-61.686	2.330E-02
41	41	18	Lr	1.476E-03	-6.704E-03	-54.676	7.551E-03
41	41	50	Le	-1.273E-03	-8.126E-03	-74.86	7.570E-03
41	41	48	Le	6.850E-04	-1.008E-02	-61.686	1.044E-02
41	41	18	Le	6.612E-04	-3.004E-03	-54.676	3.383E-03
42	42	18	DEAD	2.291E-02	-2.139E-03	28.157	2.405E-02
42	42	48	DEAD	6.970E-03	-2.043E-03	34.41	8.185E-03
42	42	16	DEAD	1.851E-02	2.318E-03	15.572	1.746E-02
42	42	18	Lr	2.265E-02	-2.116E-03	28.156	2.378E-02
42	42	48	Lr	6.883E-03	-2.025E-03	34.38	8.087E-03
42	42	16	Lr	1.830E-02	2.283E-03	15.562	1.727E-02
42	42	18	Le	1.015E-02	-9.479E-04	28.156	1.065E-02
42	42	48	Le	3.084E-03	-9.071E-04	34.38	3.624E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
42	42	16	Le	8.198E-03	1.023E-03	15.562	7.737E-03
43	43	16	DEAD	1.860E-02	2.183E-03	-16.155	1.761E-02
43	43	48	DEAD	7.120E-03	-2.222E-03	-34.702	8.454E-03
43	43	14	DEAD	2.310E-02	-2.255E-03	-28.453	2.430E-02
43	43	16	Lr	1.839E-02	2.155E-03	-16.143	1.741E-02
43	43	48	Lr	7.041E-03	-2.198E-03	-34.683	8.359E-03
43	43	14	Lr	2.282E-02	-2.235E-03	-28.437	2.402E-02
43	43	16	Le	8.239E-03	9.658E-04	-16.143	7.801E-03
43	43	48	Le	3.155E-03	-9.849E-04	-34.683	3.745E-03
43	43	14	Le	1.023E-02	-1.002E-03	-28.437	1.076E-02
44	44	14	DEAD	1.309E-03	-6.433E-03	54.962	7.177E-03
44	44	48	DEAD	1.393E-03	-2.229E-02	61.949	2.302E-02
44	44	46	DEAD	-2.947E-03	-1.800E-02	75.589	1.672E-02
44	44	14	Lr	1.290E-03	-6.369E-03	54.916	7.103E-03
44	44	48	Lr	1.371E-03	-2.206E-02	61.93	2.277E-02
44	44	46	Lr	-2.923E-03	-1.780E-02	75.563	1.653E-02
44	44	14	Le	5.780E-04	-2.854E-03	54.916	3.182E-03
44	44	48	Le	6.141E-04	-9.882E-03	61.93	1.020E-02
44	44	46	Le	-1.310E-03	-7.975E-03	75.563	7.408E-03
45	45	46	DEAD	-2.081E-03	-1.857E-02	-71.092	1.762E-02
45	45	44	DEAD	2.387E-03	-2.307E-02	-60.345	2.436E-02
45	45	14	DEAD	2.453E-03	-8.069E-03	-53.291	9.535E-03
45	45	46	Lr	-2.067E-03	-1.836E-02	-71.068	1.742E-02
45	45	44	Lr	2.355E-03	-2.282E-02	-60.332	2.409E-02
45	45	14	Lr	2.420E-03	-7.991E-03	-53.257	9.437E-03
45	45	46	Le	-9.260E-04	-8.228E-03	-71.068	7.806E-03
45	45	44	Le	1.055E-03	-1.023E-02	-60.332	1.079E-02
45	45	14	Le	1.084E-03	-3.580E-03	-53.257	4.228E-03
46	46	44	DEAD	4.957E-03	-8.821E-04	31.713	5.452E-03
46	46	12	DEAD	1.620E-02	2.705E-03	11.082	1.504E-02
46	46	14	DEAD	1.983E-02	-1.147E-03	26.446	2.043E-02
46	46	44	Lr	4.888E-03	-8.766E-04	31.668	5.381E-03
46	46	12	Lr	1.602E-02	2.667E-03	11.062	1.487E-02
46	46	14	Lr	1.961E-02	-1.135E-03	26.444	2.020E-02
46	46	44	Le	2.190E-03	-3.927E-04	31.668	2.411E-03
46	46	12	Le	7.179E-03	1.195E-03	11.062	6.662E-03
46	46	14	Le	8.785E-03	-5.084E-04	26.444	9.050E-03
47	47	44	DEAD	7.780E-03	-3.004E-03	-36.137	9.640E-03
47	47	10	DEAD	2.142E-02	-2.869E-03	-29.978	2.299E-02
47	47	12	DEAD	1.722E-02	1.101E-03	-20.095	1.670E-02
47	47	44	Lr	7.692E-03	-2.973E-03	-36.127	9.532E-03
47	47	10	Lr	2.117E-02	-2.844E-03	-29.964	2.273E-02
47	47	12	Lr	1.702E-02	1.087E-03	-20.085	1.651E-02
47	47	44	Le	3.446E-03	-1.332E-03	-36.127	4.271E-03
47	47	10	Le	9.485E-03	-1.274E-03	-29.964	1.018E-02
47	47	12	Le	7.627E-03	4.869E-04	-20.085	7.396E-03
48	48	44	DEAD	1.043E-04	-1.735E-02	63.7	1.740E-02
48	48	42	DEAD	-2.948E-03	-1.414E-02	81.469	1.292E-02
48	48	10	DEAD	1.204E-05	-3.614E-03	59.058	3.620E-03
48	48	44	Lr	9.841E-05	-1.716E-02	63.684	1.721E-02
48	48	42	Lr	-2.928E-03	-1.399E-02	81.445	1.278E-02
48	48	10	Lr	5.192E-06	-3.583E-03	58.938	3.586E-03
48	48	44	Le	4.409E-05	-7.688E-03	63.684	7.710E-03
48	48	42	Le	-1.312E-03	-6.267E-03	81.445	5.725E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
48	48	10	Le	2.326E-06	-1.606E-03	58.938	1.607E-03
49	49	10	DEAD	3.100E-03	-8.195E-03	-51.574	1.011E-02
49	49	42	DEAD	-7.837E-04	-1.569E-02	-66.47	1.531E-02
49	49	40	DEAD	3.005E-03	-1.933E-02	-58.67	2.099E-02
49	49	10	Lr	3.061E-03	-8.111E-03	-51.549	9.999E-03
49	49	42	Lr	-7.803E-04	-1.552E-02	-66.444	1.514E-02
49	49	40	Lr	2.963E-03	-1.912E-02	-58.649	2.076E-02
49	49	10	Le	1.371E-03	-3.634E-03	-51.549	4.480E-03
49	49	42	Le	-3.496E-04	-6.954E-03	-66.444	6.786E-03
49	49	40	Le	1.327E-03	-8.566E-03	-58.649	9.301E-03
50	50	40	DEAD	1.744E-03	3.854E-04	11.092	1.587E-03
50	50	8	DEAD	1.106E-02	2.305E-03	1.027	1.010E-02
50	50	10	DEAD	1.291E-02	1.043E-04	22.727	1.286E-02
50	50	40	Lr	1.719E-03	3.736E-04	10.863	1.566E-03
50	50	8	Lr	1.093E-02	2.270E-03	1.013	9.992E-03
50	50	10	Lr	1.276E-02	1.022E-04	22.719	1.271E-02
50	50	40	Le	7.704E-04	1.674E-04	10.863	7.018E-04
50	50	8	Le	4.898E-03	1.017E-03	1.013	4.477E-03
50	50	10	Le	5.717E-03	4.581E-05	22.719	5.694E-03
51	51	8	DEAD	1.280E-02	-6.191E-04	-25.974	1.312E-02
51	51	40	DEAD	7.224E-03	-3.479E-03	-37.839	9.456E-03
51	51	6	DEAD	1.575E-02	-3.220E-03	-32.467	1.759E-02
51	51	8	Lr	1.265E-02	-6.137E-04	-25.96	1.297E-02
51	51	40	Lr	7.139E-03	-3.442E-03	-37.83	9.348E-03
51	51	6	Lr	1.557E-02	-3.190E-03	-32.451	1.738E-02
51	51	8	Le	5.670E-03	-2.750E-04	-25.96	5.812E-03
51	51	40	Le	3.199E-03	-1.542E-03	-37.83	4.188E-03
51	51	6	Le	6.976E-03	-1.429E-03	-32.451	7.789E-03
52	52	6	DEAD	1.089E-04	-1.833E-03	-47.995	1.889E-03
52	52	40	DEAD	-1.111E-03	-8.127E-03	72.384	7.632E-03
52	52	38	DEAD	-1.874E-03	-7.753E-03	-79.268	7.007E-03
52	52	6	Lr	8.243E-05	-1.817E-03	-47.862	1.859E-03
52	52	40	Lr	-1.098E-03	-8.031E-03	72.388	7.542E-03
52	52	38	Lr	-1.872E-03	-7.665E-03	-79.262	6.922E-03
52	52	6	Le	3.693E-05	-8.139E-04	-47.862	8.330E-04
52	52	40	Le	-4.918E-04	-3.598E-03	72.388	3.379E-03
52	52	38	Le	-8.387E-04	-3.435E-03	-79.262	3.101E-03
53	53	38	DEAD	8.625E-04	-1.029E-02	-60.319	1.074E-02
53	53	36	DEAD	3.530E-03	-1.334E-02	-54.373	1.541E-02
53	53	6	DEAD	4.046E-03	-5.329E-03	-45.777	8.144E-03
53	53	38	Lr	8.376E-04	-1.019E-02	-60.352	1.063E-02
53	53	36	Lr	3.486E-03	-1.324E-02	-54.337	1.529E-02
53	53	6	Lr	4.011E-03	-5.237E-03	-45.663	8.033E-03
53	53	38	Le	3.753E-04	-4.563E-03	-60.352	4.762E-03
53	53	36	Le	1.562E-03	-5.933E-03	-54.337	6.849E-03
53	53	6	Le	1.797E-03	-2.347E-03	-45.663	3.599E-03
54	54	6	DEAD	3.125E-03	-2.517E-03	-17.175	4.895E-03
54	54	36	DEAD	2.577E-03	-1.649E-03	-55.109	3.689E-03
54	54	4	DEAD	6.089E-03	-7.324E-04	-38.684	6.486E-03
54	54	6	Lr	3.072E-03	-2.577E-03	-17.226	4.899E-03
54	54	36	Lr	2.554E-03	-1.578E-03	-55.283	3.611E-03
54	54	4	Lr	6.037E-03	-7.196E-04	-38.834	6.428E-03
54	54	6	Le	1.376E-03	-1.155E-03	-17.226	2.195E-03
54	54	36	Le	1.144E-03	-7.068E-04	-55.283	1.618E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
54	54	4	Le	2.705E-03	-3.224E-04	-38.834	2.880E-03
55	55	4	DEAD	4.767E-03	-3.458E-03	-38.048	7.153E-03
55	55	36	DEAD	3.762E-03	-2.001E-03	-33.358	5.068E-03
55	55	2	DEAD	5.767E-03	-2.045E-03	-43.651	7.017E-03
55	55	4	Lr	4.703E-03	-3.449E-03	-38.019	7.087E-03
55	55	36	Lr	3.694E-03	-1.964E-03	-33.097	4.976E-03
55	55	2	Lr	5.716E-03	-2.011E-03	-43.766	6.944E-03
55	55	4	Le	2.107E-03	-1.545E-03	-38.019	3.175E-03
55	55	36	Le	1.655E-03	-8.801E-04	-33.097	2.230E-03
55	55	2	Le	2.561E-03	-9.012E-04	-43.766	3.111E-03
56	56	2	DEAD	1.886E-03	-4.616E-03	-54.386	5.794E-03
56	56	36	DEAD	3.776E-03	-3.154E-03	-38.771	6.009E-03
56	56	34	DEAD	3.364E-03	-1.728E-03	-40.373	4.485E-03
56	56	2	Lr	1.881E-03	-4.591E-03	-54.472	5.766E-03
56	56	36	Lr	3.717E-03	-3.128E-03	-38.607	5.936E-03
56	56	34	Lr	3.327E-03	-1.676E-03	-40.359	4.410E-03
56	56	2	Le	8.426E-04	-2.057E-03	-54.472	2.584E-03
56	56	36	Le	1.666E-03	-1.402E-03	-38.607	2.659E-03
56	56	34	Le	1.491E-03	-7.508E-04	-40.359	1.976E-03
57	57	2	DEAD	2.627E-03	-3.399E-04	-29.537	2.813E-03
57	57	1	DEAD	2.623E-03	-3.232E-04	-29.321	2.798E-03
57	57	3	DEAD	2.736E-03	-4.363E-04	-30.553	2.978E-03
57	57	4	DEAD	2.741E-03	-4.535E-04	-30.744	2.994E-03
57	57	2	Lr	2.601E-03	-3.405E-04	-29.59	2.787E-03
57	57	1	Lr	2.611E-03	-3.386E-04	-29.547	2.796E-03
57	57	3	Lr	2.724E-03	-4.520E-04	-30.757	2.976E-03
57	57	4	Lr	2.715E-03	-4.540E-04	-30.799	2.968E-03
57	57	2	Le	1.165E-03	-1.525E-04	-29.59	1.249E-03
57	57	1	Le	1.170E-03	-1.517E-04	-29.547	1.253E-03
57	57	3	Le	1.221E-03	-2.025E-04	-30.757	1.334E-03
57	57	4	Le	1.216E-03	-2.034E-04	-30.799	1.330E-03
58	58	3	DEAD	2.892E-03	-5.378E-04	-31.387	3.195E-03
58	58	5	DEAD	3.013E-03	-6.597E-04	-32.351	3.391E-03
58	58	6	DEAD	3.005E-03	-6.844E-04	-32.599	3.399E-03
58	58	4	DEAD	2.883E-03	-5.620E-04	-31.657	3.201E-03
58	58	3	Lr	2.872E-03	-5.455E-04	-31.505	3.180E-03
58	58	5	Lr	2.993E-03	-6.678E-04	-32.468	3.377E-03
58	58	6	Lr	2.972E-03	-6.784E-04	-32.613	3.363E-03
58	58	4	Lr	2.850E-03	-5.557E-04	-31.657	3.164E-03
58	58	3	Le	1.287E-03	-2.444E-04	-31.505	1.425E-03
58	58	5	Le	1.341E-03	-2.992E-04	-32.468	1.513E-03
58	58	6	Le	1.332E-03	-3.040E-04	-32.613	1.507E-03
58	58	4	Le	1.277E-03	-2.490E-04	-31.657	1.418E-03
59	59	5	DEAD	8.304E-03	1.245E-03	-12.791	7.757E-03
59	59	7	DEAD	8.208E-03	1.341E-03	-10.997	7.627E-03
59	59	8	DEAD	8.161E-03	1.322E-03	-11.196	7.586E-03
59	59	6	DEAD	8.258E-03	1.225E-03	-12.991	7.719E-03
59	59	5	Lr	8.214E-03	1.227E-03	-12.857	7.675E-03
59	59	7	Lr	8.118E-03	1.323E-03	-11.057	7.544E-03
59	59	8	Lr	8.064E-03	1.312E-03	-11.108	7.495E-03
59	59	6	Lr	8.160E-03	1.215E-03	-12.919	7.626E-03
59	59	5	Le	3.680E-03	5.499E-04	-12.857	3.439E-03
59	59	7	Le	3.637E-03	5.929E-04	-11.057	3.380E-03
59	59	8	Le	3.613E-03	5.877E-04	-11.108	3.358E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
59	59	6	Le	3.656E-03	5.445E-04	-12.919	3.417E-03
60	60	7	DEAD	8.141E-03	1.436E-03	-8.875	7.527E-03
60	60	9	DEAD	8.147E-03	1.430E-03	-9.04	7.535E-03
60	60	10	DEAD	8.088E-03	1.409E-03	-9.276	7.484E-03
60	60	8	DEAD	8.081E-03	1.415E-03	-9.11	7.475E-03
60	60	7	Lr	8.052E-03	1.417E-03	-8.962	7.446E-03
60	60	9	Lr	8.059E-03	1.410E-03	-9.127	7.454E-03
60	60	10	Lr	7.994E-03	1.395E-03	-9.215	7.396E-03
60	60	8	Lr	7.988E-03	1.402E-03	-9.048	7.387E-03
60	60	7	Le	3.608E-03	6.348E-04	-8.962	3.336E-03
60	60	9	Le	3.611E-03	6.320E-04	-9.127	3.340E-03
60	60	10	Le	3.582E-03	6.251E-04	-9.215	3.314E-03
60	60	8	Le	3.579E-03	6.280E-04	-9.048	3.310E-03
61	61	10	DEAD	1.166E-02	2.221E-03	-5.672	1.072E-02
61	61	9	DEAD	1.175E-02	2.238E-03	-5.655	1.080E-02
61	61	11	DEAD	1.171E-02	2.270E-03	-4.56	1.076E-02
61	61	12	DEAD	1.163E-02	2.253E-03	-4.569	1.068E-02
61	61	10	Lr	1.153E-02	2.198E-03	-5.605	1.060E-02
61	61	9	Lr	1.162E-02	2.211E-03	-5.71	1.068E-02
61	61	11	Lr	1.158E-02	2.243E-03	-4.615	1.064E-02
61	61	12	Lr	1.149E-02	2.229E-03	-4.501	1.056E-02
61	61	10	Le	5.164E-03	9.848E-04	-5.605	4.749E-03
61	61	9	Le	5.204E-03	9.906E-04	-5.71	4.787E-03
61	61	11	Le	5.190E-03	1.005E-03	-4.615	4.767E-03
61	61	12	Le	5.150E-03	9.988E-04	-4.501	4.730E-03
62	62	12	DEAD	1.160E-02	2.284E-03	-3.213	1.064E-02
62	62	11	DEAD	1.169E-02	2.312E-03	-2.684	1.072E-02
62	62	13	DEAD	1.165E-02	1.901E-03	-4.327	1.082E-02
62	62	14	DEAD	1.157E-02	1.868E-03	-4.844	1.075E-02
62	62	12	Lr	1.147E-02	2.259E-03	-3.199	1.052E-02
62	62	11	Lr	1.156E-02	2.285E-03	-2.718	1.060E-02
62	62	13	Lr	1.152E-02	1.879E-03	-4.357	1.070E-02
62	62	14	Lr	1.144E-02	1.848E-03	-4.829	1.063E-02
62	62	12	Le	5.139E-03	1.012E-03	-3.199	4.716E-03
62	62	11	Le	5.178E-03	1.024E-03	-2.718	4.749E-03
62	62	13	Le	5.160E-03	8.419E-04	-4.357	4.795E-03
62	62	14	Le	5.124E-03	8.280E-04	-4.829	4.764E-03
63	63	14	DEAD	1.288E-02	2.175E-03	-3.121	1.194E-02
63	63	13	DEAD	1.298E-02	2.187E-03	-3.458	1.204E-02
63	63	15	DEAD	1.302E-02	2.598E-03	-1.148	1.194E-02
63	63	16	DEAD	1.292E-02	2.581E-03	-0.78	1.185E-02
63	63	14	Lr	1.273E-02	2.152E-03	-3.09	1.180E-02
63	63	13	Lr	1.284E-02	2.163E-03	-3.469	1.190E-02
63	63	15	Lr	1.287E-02	2.569E-03	-1.16	1.180E-02
63	63	16	Lr	1.278E-02	2.552E-03	-0.748	1.171E-02
63	63	14	Le	5.705E-03	9.642E-04	-3.09	5.289E-03
63	63	13	Le	5.751E-03	9.690E-04	-3.469	5.333E-03
63	63	15	Le	5.769E-03	1.151E-03	-1.16	5.288E-03
63	63	16	Le	5.725E-03	1.144E-03	-0.748	5.248E-03
64	64	15	DEAD	1.302E-02	2.602E-03	0.088	1.193E-02
64	64	17	DEAD	1.302E-02	2.600E-03	1.012	1.194E-02
64	64	18	DEAD	1.292E-02	2.582E-03	0.767	1.185E-02
64	64	16	DEAD	1.292E-02	2.583E-03	-0.164	1.184E-02
64	64	15	Lr	1.287E-02	2.573E-03	0.025	1.180E-02

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
64	64	17	Lr	1.287E-02	2.571E-03	0.95	1.180E-02
64	64	18	Lr	1.278E-02	2.552E-03	0.821	1.171E-02
64	64	16	Lr	1.278E-02	2.554E-03	-0.112	1.171E-02
64	64	15	Le	5.767E-03	1.153E-03	0.025	5.286E-03
64	64	17	Le	5.769E-03	1.152E-03	0.95	5.288E-03
64	64	18	Le	5.725E-03	1.144E-03	0.821	5.248E-03
64	64	16	Le	5.724E-03	1.144E-03	-0.112	5.246E-03
65	65	18	DEAD	1.198E-02	2.375E-03	2.374	1.098E-02
65	65	17	DEAD	1.207E-02	2.392E-03	2.446	1.107E-02
65	65	19	DEAD	1.208E-02	2.387E-03	2.786	1.108E-02
65	65	20	DEAD	1.198E-02	2.370E-03	2.717	1.099E-02
65	65	18	Lr	1.184E-02	2.347E-03	2.44	1.086E-02
65	65	17	Lr	1.193E-02	2.366E-03	2.402	1.094E-02
65	65	19	Lr	1.194E-02	2.361E-03	2.742	1.095E-02
65	65	20	Lr	1.185E-02	2.342E-03	2.782	1.087E-02
65	65	18	Le	5.306E-03	1.052E-03	2.44	4.866E-03
65	65	17	Le	5.347E-03	1.060E-03	2.402	4.903E-03
65	65	19	Le	5.349E-03	1.058E-03	2.742	4.906E-03
65	65	20	Le	5.308E-03	1.049E-03	2.782	4.869E-03
66	66	19	DEAD	1.208E-02	2.370E-03	3.597	1.109E-02
66	66	21	DEAD	1.211E-02	2.339E-03	4.802	1.113E-02
66	66	22	DEAD	1.202E-02	2.325E-03	4.718	1.104E-02
66	66	20	DEAD	1.199E-02	2.355E-03	3.503	1.101E-02
66	66	19	Lr	1.194E-02	2.344E-03	3.538	1.096E-02
66	66	21	Lr	1.197E-02	2.314E-03	4.748	1.100E-02
66	66	22	Lr	1.189E-02	2.297E-03	4.773	1.092E-02
66	66	20	Lr	1.186E-02	2.327E-03	3.555	1.088E-02
66	66	19	Le	5.351E-03	1.050E-03	3.538	4.911E-03
66	66	21	Le	5.364E-03	1.037E-03	4.748	4.928E-03
66	66	22	Le	5.326E-03	1.029E-03	4.773	4.893E-03
66	66	20	Le	5.312E-03	1.042E-03	3.555	4.876E-03
67	67	21	DEAD	8.925E-03	1.584E-03	8.679	8.248E-03
67	67	23	DEAD	8.913E-03	1.595E-03	8.386	8.232E-03
67	67	24	DEAD	8.841E-03	1.586E-03	8.305	8.164E-03
67	67	22	DEAD	8.852E-03	1.574E-03	8.601	8.179E-03
67	67	21	Lr	8.820E-03	1.567E-03	8.636	8.150E-03
67	67	23	Lr	8.809E-03	1.578E-03	8.349	8.135E-03
67	67	24	Lr	8.742E-03	1.564E-03	8.402	8.075E-03
67	67	22	Lr	8.753E-03	1.553E-03	8.691	8.090E-03
67	67	21	Le	3.952E-03	7.021E-04	8.636	3.652E-03
67	67	23	Le	3.947E-03	7.072E-04	8.349	3.645E-03
67	67	24	Le	3.917E-03	7.008E-04	8.402	3.618E-03
67	67	22	Le	3.922E-03	6.957E-04	8.691	3.625E-03
68	68	23	DEAD	8.924E-03	1.559E-03	9.194	8.256E-03
68	68	25	DEAD	8.941E-03	1.543E-03	9.561	8.278E-03
68	68	27	DEAD	8.876E-03	1.538E-03	9.438	8.216E-03
68	68	24	DEAD	8.860E-03	1.554E-03	9.067	8.195E-03
68	68	23	Lr	8.818E-03	1.544E-03	9.117	8.156E-03
68	68	25	Lr	8.834E-03	1.529E-03	9.482	8.177E-03
68	68	27	Lr	8.778E-03	1.516E-03	9.546	8.127E-03
68	68	24	Lr	8.763E-03	1.531E-03	9.179	8.106E-03
68	68	23	Le	3.951E-03	6.918E-04	9.117	3.654E-03
68	68	25	Le	3.958E-03	6.849E-04	9.482	3.664E-03
68	68	27	Le	3.933E-03	6.792E-04	9.546	3.641E-03

Table: Element Forces - Area Shells, Part 2 of 2

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM
				KN/m	KN/m	Degrees	KN/m
68	68	24	Le	3.926E-03	6.861E-04	9.179	3.632E-03
69	69	25	DEAD	3.898E-03	-1.480E-04	25.915	3.974E-03
69	69	29	DEAD	3.899E-03	-1.490E-04	25.927	3.976E-03
69	69	30	DEAD	3.862E-03	-1.381E-04	25.815	3.933E-03
69	69	27	DEAD	3.861E-03	-1.370E-04	25.803	3.932E-03
69	69	25	Lr	3.847E-03	-1.411E-04	25.858	3.920E-03
69	69	29	Lr	3.849E-03	-1.429E-04	25.877	3.922E-03
69	69	30	Lr	3.831E-03	-1.503E-04	25.972	3.909E-03
69	69	27	Lr	3.830E-03	-1.486E-04	25.953	3.906E-03
69	69	25	Le	1.724E-03	-6.323E-05	25.858	1.756E-03
69	69	29	Le	1.725E-03	-6.401E-05	25.877	1.757E-03
69	69	30	Le	1.717E-03	-6.734E-05	25.972	1.751E-03
69	69	27	Le	1.716E-03	-6.656E-05	25.953	1.750E-03
70	70	29	DEAD	3.913E-03	-2.067E-04	26.57	4.020E-03
70	70	31	DEAD	3.754E-03	-4.688E-05	24.722	3.777E-03
70	70	32	DEAD	3.733E-03	-3.106E-05	24.516	3.749E-03
70	70	30	DEAD	3.892E-03	-1.900E-04	26.397	3.990E-03
70	70	29	Lr	3.883E-03	-2.204E-04	26.739	3.998E-03
70	70	31	Lr	3.715E-03	-5.260E-05	24.801	3.742E-03
70	70	32	Lr	3.712E-03	-5.321E-05	24.81	3.739E-03
70	70	30	Lr	3.880E-03	-2.211E-04	26.748	3.995E-03
70	70	29	Le	1.740E-03	-9.875E-05	26.739	1.791E-03
70	70	31	Le	1.665E-03	-2.357E-05	24.801	1.677E-03
70	70	32	Le	1.663E-03	-2.384E-05	24.81	1.675E-03
70	70	30	Le	1.738E-03	-9.904E-05	26.748	1.790E-03

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
1	0.	DEAD	LinStatic	-0.025	-0.138	-8.180E-04	1.773E-05	1.413E-05
1	0.20327	DEAD	LinStatic	-0.025	0.169	-8.180E-04	1.773E-05	1.804E-04
1	0.	Lr	LinStatic	-0.024	-0.14	-8.019E-04	1.730E-05	1.400E-05
1	0.20327	Lr	LinStatic	-0.024	0.173	-8.019E-04	1.730E-05	1.770E-04
1	0.	Le	LinStatic	-0.011	-0.063	-3.593E-04	7.750E-06	6.274E-06
1	0.20327	Le	LinStatic	-0.011	0.078	-3.593E-04	7.750E-06	7.931E-05
2	0.	DEAD	LinStatic	-6.57	-0.311	-2.277E-03	-3.899E-06	5.668E-04
2	0.4	DEAD	LinStatic	-6.57	0.294	-2.277E-03	-3.899E-06	0.0015
2	0.	Lr	LinStatic	-6.496	-0.316	-2.246E-03	-4.290E-06	5.643E-04
2	0.4	Lr	LinStatic	-6.496	0.3	-2.246E-03	-4.290E-06	0.0015
2	0.	Le	LinStatic	-2.91	-0.142	-1.006E-03	-1.922E-06	2.529E-04
2	0.4	Le	LinStatic	-2.91	0.134	-1.006E-03	-1.922E-06	6.555E-04
3	0.	DEAD	LinStatic	-6.595	-0.315	-1.222E-03	2.243E-06	0.0015
3	0.4	DEAD	LinStatic	-6.595	0.29	-1.222E-03	2.243E-06	0.002
3	0.	Lr	LinStatic	-6.52	-0.32	-1.201E-03	2.239E-06	0.0015
3	0.4	Lr	LinStatic	-6.52	0.296	-1.201E-03	2.239E-06	0.0019
3	0.	Le	LinStatic	-2.921	-0.143	-5.382E-04	1.003E-06	6.581E-04
3	0.4	Le	LinStatic	-2.921	0.133	-5.382E-04	1.003E-06	8.734E-04
4	0.	DEAD	LinStatic	-12.66	-0.314	-1.908E-03	8.712E-06	0.0018
4	0.4	DEAD	LinStatic	-12.66	0.291	-1.908E-03	8.712E-06	0.0026
4	0.	Lr	LinStatic	-12.517	-0.319	-1.887E-03	8.637E-06	0.0018
4	0.4	Lr	LinStatic	-12.517	0.297	-1.887E-03	8.637E-06	0.0025

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
4	0.	Le	LinStatic	-5.608	-0.143	-8.454E-04	3.870E-06	7.992E-04
4	0.4	Le	LinStatic	-5.608	0.133	-8.454E-04	3.870E-06	0.0011
5	0.	DEAD	LinStatic	-12.676	-0.308	-7.876E-04	8.391E-07	0.0026
5	0.4	DEAD	LinStatic	-12.676	0.297	-7.876E-04	8.391E-07	0.0029
5	0.	Lr	LinStatic	-12.533	-0.314	-7.773E-04	7.996E-07	0.0025
5	0.4	Lr	LinStatic	-12.533	0.302	-7.773E-04	7.996E-07	0.0029
5	0.	Le	LinStatic	-5.615	-0.14	-3.483E-04	3.583E-07	0.0011
5	0.4	Le	LinStatic	-5.615	0.136	-3.483E-04	3.583E-07	0.0013
6	0.	DEAD	LinStatic	-15.83	-0.308	-5.699E-04	3.945E-06	0.0028
6	0.4	DEAD	LinStatic	-15.83	0.297	-5.699E-04	3.945E-06	0.0031
6	0.	Lr	LinStatic	-15.653	-0.314	-5.662E-04	3.925E-06	0.0028
6	0.4	Lr	LinStatic	-15.653	0.302	-5.662E-04	3.925E-06	0.003
6	0.	Le	LinStatic	-7.013	-0.141	-2.537E-04	1.759E-06	0.0013
6	0.4	Le	LinStatic	-7.013	0.135	-2.537E-04	1.759E-06	0.0014
7	0.	DEAD	LinStatic	-15.837	-0.303	-4.530E-05	-1.206E-06	0.0031
7	0.4	DEAD	LinStatic	-15.837	0.302	-4.530E-05	-1.206E-06	0.0031
7	0.	Lr	LinStatic	-15.659	-0.308	-4.501E-05	-1.220E-06	0.003
7	0.4	Lr	LinStatic	-15.659	0.308	-4.501E-05	-1.220E-06	0.0031
7	0.	Le	LinStatic	-7.016	-0.138	-2.017E-05	-5.467E-07	0.0014
7	0.4	Le	LinStatic	-7.016	0.138	-2.017E-05	-5.467E-07	0.0014
8	0.	DEAD	LinStatic	-16.081	-0.303	1.304E-04	1.503E-06	0.0032
8	0.4	DEAD	LinStatic	-16.081	0.302	1.304E-04	1.503E-06	0.0031
8	0.	Lr	LinStatic	-15.899	-0.309	1.302E-04	1.509E-06	0.0031
8	0.4	Lr	LinStatic	-15.899	0.307	1.302E-04	1.509E-06	0.0031
8	0.	Le	LinStatic	-7.123	-0.138	5.835E-05	6.762E-07	0.0014
8	0.4	Le	LinStatic	-7.123	0.138	5.835E-05	6.762E-07	0.0014
9	0.	DEAD	LinStatic	-16.077	-0.297	6.071E-04	-1.533E-06	0.0031
9	0.4	DEAD	LinStatic	-16.077	0.308	6.071E-04	-1.533E-06	0.0029
9	0.	Lr	LinStatic	-15.895	-0.303	6.032E-04	-1.526E-06	0.0031
9	0.4	Lr	LinStatic	-15.895	0.313	6.032E-04	-1.526E-06	0.0028
9	0.	Le	LinStatic	-7.122	-0.136	2.703E-04	-6.836E-07	0.0014
9	0.4	Le	LinStatic	-7.122	0.14	2.703E-04	-6.836E-07	0.0013
10	0.	DEAD	LinStatic	-13.41	-0.297	1.237E-03	-1.777E-06	0.0031
10	0.4	DEAD	LinStatic	-13.41	0.308	1.237E-03	-1.777E-06	0.0026
10	0.	Lr	LinStatic	-13.257	-0.303	1.224E-03	-1.720E-06	0.003
10	0.4	Lr	LinStatic	-13.257	0.313	1.224E-03	-1.720E-06	0.0026
10	0.	Le	LinStatic	-5.94	-0.136	5.485E-04	-7.708E-07	0.0014
10	0.4	Le	LinStatic	-5.94	0.14	5.485E-04	-7.708E-07	0.0011
11	0.	DEAD	LinStatic	-13.396	-0.292	1.365E-03	-1.763E-06	0.0026
11	0.4	DEAD	LinStatic	-13.396	0.313	1.365E-03	-1.763E-06	0.002
11	0.	Lr	LinStatic	-13.242	-0.298	1.357E-03	-1.759E-06	0.0026
11	0.4	Lr	LinStatic	-13.242	0.318	1.357E-03	-1.759E-06	0.002
11	0.	Le	LinStatic	-5.933	-0.133	6.079E-04	-7.883E-07	0.0011
11	0.4	Le	LinStatic	-5.933	0.143	6.079E-04	-7.883E-07	8.994E-04
12	0.	DEAD	LinStatic	-7.819	-0.291	2.487E-03	-6.917E-06	0.0024
12	0.4	DEAD	LinStatic	-7.819	0.314	2.487E-03	-6.917E-06	0.0014
12	0.	Lr	LinStatic	-7.727	-0.297	2.470E-03	-6.871E-06	0.0023
12	0.4	Lr	LinStatic	-7.727	0.319	2.470E-03	-6.871E-06	0.0013
12	0.	Le	LinStatic	-3.462	-0.133	1.107E-03	-3.079E-06	0.001
12	0.4	Le	LinStatic	-3.462	0.143	1.107E-03	-3.079E-06	6.008E-04
13	0.	DEAD	LinStatic	-7.795	-0.288	2.241E-03	-1.220E-05	0.0014
13	0.4	DEAD	LinStatic	-7.795	0.317	2.241E-03	-1.220E-05	4.598E-04
13	0.	Lr	LinStatic	-7.703	-0.294	2.236E-03	-1.242E-05	0.0013
13	0.4	Lr	LinStatic	-7.703	0.322	2.236E-03	-1.242E-05	4.391E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
13	0.	Le	LinStatic	-3.452	-0.132	1.002E-03	-5.566E-06	5.975E-04
13	0.4	Le	LinStatic	-3.452	0.144	1.002E-03	-5.566E-06	1.967E-04
14	0.	DEAD	LinStatic	-0.047	-0.268	1.338E-03	-4.940E-05	5.099E-04
14	0.33673	DEAD	LinStatic	-0.047	0.241	1.338E-03	-4.940E-05	5.936E-05
14	0.	Lr	LinStatic	-0.047	-0.274	1.244E-03	-5.040E-05	4.801E-04
14	0.33673	Lr	LinStatic	-0.047	0.244	1.244E-03	-5.040E-05	6.124E-05
14	0.	Le	LinStatic	-0.021	-0.123	5.574E-04	-2.258E-05	2.151E-04
14	0.33673	Le	LinStatic	-0.021	0.11	5.574E-04	-2.258E-05	2.744E-05
16	0.	DEAD	LinStatic	2.401	-0.047	5.615E-03	1.137E-05	5.937E-04
16	0.20327	DEAD	LinStatic	2.401	-0.044	5.615E-03	1.137E-05	-5.478E-04
16	0.	Lr	LinStatic	2.373	-0.046	5.253E-03	1.125E-05	5.478E-04
16	0.20327	Lr	LinStatic	2.373	-0.046	5.253E-03	1.125E-05	-5.199E-04
16	0.	Le	LinStatic	1.063	-0.021	2.353E-03	5.040E-06	2.454E-04
16	0.20327	Le	LinStatic	1.063	-0.021	2.353E-03	5.040E-06	-2.330E-04
17	0.	DEAD	LinStatic	2.436	-0.02	-3.612E-04	1.786E-06	8.941E-04
17	0.4	DEAD	LinStatic	2.436	-0.015	-3.612E-04	1.786E-06	0.001
17	0.	Lr	LinStatic	2.408	-0.017	-4.412E-04	1.755E-06	8.615E-04
17	0.4	Lr	LinStatic	2.408	-0.017	-4.412E-04	1.755E-06	0.001
17	0.	Le	LinStatic	1.079	-7.620E-03	-1.977E-04	7.864E-07	3.860E-04
17	0.4	Le	LinStatic	1.079	-7.620E-03	-1.977E-04	7.864E-07	4.651E-04
18	0.	DEAD	LinStatic	9.955	-0.015	1.274E-03	5.936E-06	0.0019
18	0.4	DEAD	LinStatic	9.955	-9.665E-03	1.274E-03	5.936E-06	0.0014
18	0.	Lr	LinStatic	9.842	-0.012	1.165E-03	5.865E-06	0.0018
18	0.4	Lr	LinStatic	9.842	-0.012	1.165E-03	5.865E-06	0.0014
18	0.	Le	LinStatic	4.41	-5.388E-03	5.219E-04	2.628E-06	8.215E-04
18	0.4	Le	LinStatic	4.41	-5.388E-03	5.219E-04	2.628E-06	6.127E-04
19	0.	DEAD	LinStatic	9.97	-0.013	1.107E-04	2.988E-06	0.0023
19	0.4	DEAD	LinStatic	9.97	-7.716E-03	1.107E-04	2.988E-06	0.0023
19	0.	Lr	LinStatic	9.857	-0.01	2.037E-05	2.951E-06	0.0023
19	0.4	Lr	LinStatic	9.857	-0.01	2.037E-05	2.951E-06	0.0023
19	0.	Le	LinStatic	4.416	-4.545E-03	9.128E-06	1.322E-06	0.001
19	0.4	Le	LinStatic	4.416	-4.545E-03	9.128E-06	1.322E-06	0.001
20	0.	DEAD	LinStatic	14.571	-9.706E-03	6.717E-04	4.168E-06	0.0028
20	0.4	DEAD	LinStatic	14.571	-4.696E-03	6.717E-04	4.168E-06	0.0026
20	0.	Lr	LinStatic	14.407	-7.122E-03	5.644E-04	4.114E-06	0.0028
20	0.4	Lr	LinStatic	14.407	-7.122E-03	5.644E-04	4.114E-06	0.0026
20	0.	Le	LinStatic	6.455	-3.191E-03	2.529E-04	1.843E-06	0.0012
20	0.4	Le	LinStatic	6.455	-3.191E-03	2.529E-04	1.843E-06	0.0011
21	0.	DEAD	LinStatic	14.577	-7.086E-03	2.237E-04	3.536E-06	0.0032
21	0.4	DEAD	LinStatic	14.577	-2.075E-03	2.237E-04	3.536E-06	0.0031
21	0.	Lr	LinStatic	14.413	-4.559E-03	1.845E-04	3.458E-06	0.0032
21	0.4	Lr	LinStatic	14.413	-4.559E-03	1.845E-04	3.458E-06	0.0031
21	0.	Le	LinStatic	6.458	-2.042E-03	8.268E-05	1.549E-06	0.0014
21	0.4	Le	LinStatic	6.458	-2.042E-03	8.268E-05	1.549E-06	0.0014
22	0.	DEAD	LinStatic	16.277	-4.376E-03	-2.710E-04	-4.963E-07	0.003
22	0.4	DEAD	LinStatic	16.277	6.350E-04	-2.710E-04	-4.963E-07	0.0031
22	0.	Lr	LinStatic	16.094	-1.825E-03	-3.023E-04	-4.706E-07	0.0029
22	0.4	Lr	LinStatic	16.094	-1.825E-03	-3.023E-04	-4.706E-07	0.0031
22	0.	Le	LinStatic	7.211	-8.178E-04	-1.354E-04	-2.109E-07	0.0013
22	0.4	Le	LinStatic	7.211	-8.178E-04	-1.354E-04	-2.109E-07	0.0014
23	0.	DEAD	LinStatic	16.277	-1.743E-03	2.701E-04	7.058E-07	0.0032
23	0.4	DEAD	LinStatic	16.277	3.268E-03	2.701E-04	7.058E-07	0.0031
23	0.	Lr	LinStatic	16.093	7.157E-04	1.637E-04	7.128E-07	0.0032
23	0.4	Lr	LinStatic	16.093	7.157E-04	1.637E-04	7.128E-07	0.0031

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
23	0.	Le	LinStatic	7.211	3.207E-04	7.334E-05	3.194E-07	0.0014
23	0.4	Le	LinStatic	7.211	3.207E-04	7.334E-05	3.194E-07	0.0014
24	0.	DEAD	LinStatic	15.068	8.488E-04	-5.111E-04	-1.370E-06	0.003
24	0.4	DEAD	LinStatic	15.068	5.860E-03	-5.111E-04	-1.370E-06	0.0032
24	0.	Lr	LinStatic	14.896	3.325E-03	-5.939E-04	-1.350E-06	0.0029
24	0.4	Lr	LinStatic	14.896	3.325E-03	-5.939E-04	-1.350E-06	0.0032
24	0.	Le	LinStatic	6.674	1.490E-03	-2.661E-04	-6.047E-07	0.0013
24	0.4	Le	LinStatic	6.674	1.490E-03	-2.661E-04	-6.047E-07	0.0014
25	0.	DEAD	LinStatic	15.061	3.797E-03	2.195E-05	-3.593E-07	0.0028
25	0.4	DEAD	LinStatic	15.061	8.808E-03	2.195E-05	-3.593E-07	0.0028
25	0.	Lr	LinStatic	14.89	6.196E-03	-7.184E-05	-3.504E-07	0.0027
25	0.4	Lr	LinStatic	14.89	6.196E-03	-7.184E-05	-3.504E-07	0.0028
25	0.	Le	LinStatic	6.671	2.776E-03	-3.219E-05	-1.570E-07	0.0012
25	0.4	Le	LinStatic	6.671	2.776E-03	-3.219E-05	-1.570E-07	0.0012
26	0.	DEAD	LinStatic	10.946	5.928E-03	-1.220E-03	-4.105E-06	0.0022
26	0.4	DEAD	LinStatic	10.946	0.011	-1.220E-03	-4.105E-06	0.0027
26	0.	Lr	LinStatic	10.82	8.345E-03	-1.296E-03	-4.054E-06	0.0022
26	0.4	Lr	LinStatic	10.82	8.345E-03	-1.296E-03	-4.054E-06	0.0027
26	0.	Le	LinStatic	4.848	3.739E-03	-5.807E-04	-1.816E-06	9.825E-04
26	0.4	Le	LinStatic	4.848	3.739E-03	-5.807E-04	-1.816E-06	0.0012
27	0.	DEAD	LinStatic	10.933	9.446E-03	-7.383E-05	-2.891E-06	0.0019
27	0.4	DEAD	LinStatic	10.933	0.014	-7.383E-05	-2.891E-06	0.0019
27	0.	Lr	LinStatic	10.806	0.012	-2.108E-04	-2.895E-06	0.0018
27	0.4	Lr	LinStatic	10.806	0.012	-2.108E-04	-2.895E-06	0.0019
27	0.	Le	LinStatic	4.842	5.274E-03	-9.445E-05	-1.297E-06	8.262E-04
27	0.4	Le	LinStatic	4.842	5.274E-03	-9.445E-05	-1.297E-06	8.640E-04
28	0.	DEAD	LinStatic	3.91	0.011	-2.586E-03	-7.380E-06	7.269E-04
28	0.4	DEAD	LinStatic	3.91	0.016	-2.586E-03	-7.380E-06	0.0018
28	0.	Lr	LinStatic	3.864	0.013	-2.698E-03	-7.345E-06	6.860E-04
28	0.4	Lr	LinStatic	3.864	0.013	-2.698E-03	-7.345E-06	0.0018
28	0.	Le	LinStatic	1.731	5.919E-03	-1.209E-03	-3.291E-06	3.074E-04
28	0.4	Le	LinStatic	1.731	5.919E-03	-1.209E-03	-3.291E-06	7.910E-04
29	0.	DEAD	LinStatic	3.886	0.028	2.107E-03	-2.072E-06	3.612E-04
29	0.33673	DEAD	LinStatic	3.886	0.032	2.107E-03	-2.072E-06	-3.482E-04
29	0.	Lr	LinStatic	3.841	0.031	2.015E-03	-1.936E-06	3.185E-04
29	0.33673	Lr	LinStatic	3.841	0.031	2.015E-03	-1.936E-06	-3.600E-04
29	0.	Le	LinStatic	1.721	0.014	9.028E-04	-8.674E-07	1.427E-04
29	0.33673	Le	LinStatic	1.721	0.014	9.028E-04	-8.674E-07	-1.613E-04
30	0.	DEAD	LinStatic	-0.025	-0.138	-8.157E-04	1.776E-05	1.398E-05
30	0.20327	DEAD	LinStatic	-0.025	0.169	-8.157E-04	1.776E-05	1.798E-04
30	0.	Lr	LinStatic	-0.024	-0.14	-8.083E-04	1.734E-05	1.412E-05
30	0.20327	Lr	LinStatic	-0.024	0.173	-8.083E-04	1.734E-05	1.784E-04
30	0.	Le	LinStatic	-0.011	-0.063	-3.621E-04	7.768E-06	6.325E-06
30	0.20327	Le	LinStatic	-0.011	0.078	-3.621E-04	7.768E-06	7.994E-05
31	0.	DEAD	LinStatic	-6.585	-0.311	-2.289E-03	-3.854E-06	5.681E-04
31	0.4	DEAD	LinStatic	-6.585	0.294	-2.289E-03	-3.854E-06	0.0015
31	0.	Lr	LinStatic	-6.51	-0.316	-2.256E-03	-4.270E-06	5.667E-04
31	0.4	Lr	LinStatic	-6.51	0.3	-2.256E-03	-4.270E-06	0.0015
31	0.	Le	LinStatic	-2.917	-0.142	-1.011E-03	-1.913E-06	2.539E-04
31	0.4	Le	LinStatic	-2.917	0.134	-1.011E-03	-1.913E-06	6.582E-04
32	0.	DEAD	LinStatic	-6.609	-0.315	-1.235E-03	2.330E-06	0.0015
32	0.4	DEAD	LinStatic	-6.609	0.29	-1.235E-03	2.330E-06	0.002
32	0.	Lr	LinStatic	-6.534	-0.32	-1.214E-03	2.339E-06	0.0015
32	0.4	Lr	LinStatic	-6.534	0.296	-1.214E-03	2.339E-06	0.002

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
32	0.	Le	LinStatic	-2.928	-0.143	-5.440E-04	1.048E-06	6.609E-04
32	0.4	Le	LinStatic	-2.928	0.133	-5.440E-04	1.048E-06	8.785E-04
33	0.	DEAD	LinStatic	-12.686	-0.314	-1.898E-03	8.691E-06	0.0018
33	0.4	DEAD	LinStatic	-12.686	0.291	-1.898E-03	8.691E-06	0.0026
33	0.	Lr	LinStatic	-12.543	-0.319	-1.879E-03	8.624E-06	0.0018
33	0.4	Lr	LinStatic	-12.543	0.297	-1.879E-03	8.624E-06	0.0025
33	0.	Le	LinStatic	-5.62	-0.143	-8.418E-04	3.864E-06	8.049E-04
33	0.4	Le	LinStatic	-5.62	0.133	-8.418E-04	3.864E-06	0.0011
34	0.	DEAD	LinStatic	-12.703	-0.308	-7.691E-04	9.256E-07	0.0026
34	0.4	DEAD	LinStatic	-12.703	0.297	-7.691E-04	9.256E-07	0.0029
34	0.	Lr	LinStatic	-12.559	-0.314	-7.597E-04	9.142E-07	0.0026
34	0.4	Lr	LinStatic	-12.559	0.302	-7.597E-04	9.142E-07	0.0029
34	0.	Le	LinStatic	-5.627	-0.141	-3.404E-04	4.096E-07	0.0011
34	0.4	Le	LinStatic	-5.627	0.135	-3.404E-04	4.096E-07	0.0013
35	0.	DEAD	LinStatic	-15.861	-0.308	-5.827E-04	4.936E-06	0.0029
35	0.4	DEAD	LinStatic	-15.861	0.297	-5.827E-04	4.936E-06	0.0031
35	0.	Lr	LinStatic	-15.683	-0.314	-5.764E-04	4.900E-06	0.0028
35	0.4	Lr	LinStatic	-15.683	0.302	-5.764E-04	4.900E-06	0.0031
35	0.	Le	LinStatic	-7.027	-0.141	-2.583E-04	2.196E-06	0.0013
35	0.4	Le	LinStatic	-7.027	0.135	-2.583E-04	2.196E-06	0.0014
36	0.	DEAD	LinStatic	-15.868	-0.303	-7.241E-05	-2.267E-06	0.0031
36	0.4	DEAD	LinStatic	-15.868	0.302	-7.241E-05	-2.267E-06	0.0031
36	0.	Lr	LinStatic	-15.69	-0.308	-6.815E-05	-2.268E-06	0.0031
36	0.4	Lr	LinStatic	-15.69	0.308	-6.815E-05	-2.268E-06	0.0031
36	0.	Le	LinStatic	-7.03	-0.138	-3.053E-05	-1.016E-06	0.0014
36	0.4	Le	LinStatic	-7.03	0.138	-3.053E-05	-1.016E-06	0.0014
37	0.	DEAD	LinStatic	-16.113	-0.303	1.459E-04	1.248E-06	0.0032
37	0.4	DEAD	LinStatic	-16.113	0.302	1.459E-04	1.248E-06	0.0031
37	0.	Lr	LinStatic	-15.931	-0.308	1.407E-04	1.251E-06	0.0032
37	0.4	Lr	LinStatic	-15.931	0.308	1.407E-04	1.251E-06	0.0031
37	0.	Le	LinStatic	-7.138	-0.138	6.305E-05	5.606E-07	0.0014
37	0.4	Le	LinStatic	-7.138	0.138	6.305E-05	5.606E-07	0.0014
38	0.	DEAD	LinStatic	-16.109	-0.298	5.977E-04	-1.315E-06	0.0031
38	0.4	DEAD	LinStatic	-16.109	0.308	5.977E-04	-1.315E-06	0.0029
38	0.	Lr	LinStatic	-15.926	-0.303	5.921E-04	-1.325E-06	0.0031
38	0.4	Lr	LinStatic	-15.926	0.313	5.921E-04	-1.325E-06	0.0029
38	0.	Le	LinStatic	-7.136	-0.136	2.653E-04	-5.936E-07	0.0014
38	0.4	Le	LinStatic	-7.136	0.14	2.653E-04	-5.936E-07	0.0013
39	0.	DEAD	LinStatic	-13.436	-0.297	1.251E-03	-1.920E-06	0.0031
39	0.4	DEAD	LinStatic	-13.436	0.308	1.251E-03	-1.920E-06	0.0026
39	0.	Lr	LinStatic	-13.282	-0.303	1.236E-03	-1.856E-06	0.0031
39	0.4	Lr	LinStatic	-13.282	0.313	1.236E-03	-1.856E-06	0.0026
39	0.	Le	LinStatic	-5.951	-0.136	5.538E-04	-8.316E-07	0.0014
39	0.4	Le	LinStatic	-5.951	0.14	5.538E-04	-8.316E-07	0.0011
40	0.	DEAD	LinStatic	-13.421	-0.292	1.368E-03	-1.656E-06	0.0026
40	0.4	DEAD	LinStatic	-13.421	0.313	1.368E-03	-1.656E-06	0.002
40	0.	Lr	LinStatic	-13.267	-0.298	1.359E-03	-1.624E-06	0.0026
40	0.4	Lr	LinStatic	-13.267	0.318	1.359E-03	-1.624E-06	0.002
40	0.	Le	LinStatic	-5.944	-0.133	6.088E-04	-7.278E-07	0.0011
40	0.4	Le	LinStatic	-5.944	0.143	6.088E-04	-7.278E-07	9.041E-04
41	0.	DEAD	LinStatic	-7.829	-0.291	2.506E-03	-7.071E-06	0.0024
41	0.4	DEAD	LinStatic	-7.829	0.314	2.506E-03	-7.071E-06	0.0014
41	0.	Lr	LinStatic	-7.737	-0.297	2.493E-03	-7.022E-06	0.0023
41	0.4	Lr	LinStatic	-7.737	0.319	2.493E-03	-7.022E-06	0.0013

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
41	0.	Le	LinStatic	-3.467	-0.133	1.117E-03	-3.146E-06	0.001
41	0.4	Le	LinStatic	-3.467	0.143	1.117E-03	-3.146E-06	6.020E-04
42	0.	DEAD	LinStatic	-7.805	-0.288	2.257E-03	-1.217E-05	0.0014
42	0.4	DEAD	LinStatic	-7.805	0.317	2.257E-03	-1.217E-05	4.580E-04
42	0.	Lr	LinStatic	-7.714	-0.294	2.240E-03	-1.239E-05	0.0013
42	0.4	Lr	LinStatic	-7.714	0.322	2.240E-03	-1.239E-05	4.402E-04
42	0.	Le	LinStatic	-3.456	-0.132	1.004E-03	-5.550E-06	5.987E-04
42	0.4	Le	LinStatic	-3.456	0.144	1.004E-03	-5.550E-06	1.972E-04
43	0.	DEAD	LinStatic	-0.047	-0.268	1.337E-03	-4.941E-05	5.101E-04
43	0.33673	DEAD	LinStatic	-0.047	0.241	1.337E-03	-4.941E-05	5.980E-05
43	0.	Lr	LinStatic	-0.047	-0.274	1.244E-03	-5.042E-05	4.802E-04
43	0.33673	Lr	LinStatic	-0.047	0.244	1.244E-03	-5.042E-05	6.126E-05
43	0.	Le	LinStatic	-0.021	-0.123	5.574E-04	-2.259E-05	2.152E-04
43	0.33673	Le	LinStatic	-0.021	0.11	5.574E-04	-2.259E-05	2.745E-05
44	0.	DEAD	LinStatic	2.414	-0.047	4.894E-03	1.149E-05	5.178E-04
44	0.20327	DEAD	LinStatic	2.414	-0.045	4.894E-03	1.149E-05	-4.771E-04
44	0.	Lr	LinStatic	2.385	-0.046	5.155E-03	1.127E-05	5.429E-04
44	0.20327	Lr	LinStatic	2.385	-0.046	5.155E-03	1.127E-05	-5.050E-04
44	0.	Le	LinStatic	1.069	-0.021	2.310E-03	5.047E-06	2.432E-04
44	0.20327	Le	LinStatic	1.069	-0.021	2.310E-03	5.047E-06	-2.262E-04
45	0.	DEAD	LinStatic	2.471	-0.02	-4.654E-04	1.767E-06	8.806E-04
45	0.4	DEAD	LinStatic	2.471	-0.015	-4.654E-04	1.767E-06	0.0011
45	0.	Lr	LinStatic	2.442	-0.017	-3.965E-04	1.753E-06	8.754E-04
45	0.4	Lr	LinStatic	2.442	-0.017	-3.965E-04	1.753E-06	0.001
45	0.	Le	LinStatic	1.094	-7.592E-03	-1.777E-04	7.855E-07	3.922E-04
45	0.4	Le	LinStatic	1.094	-7.592E-03	-1.777E-04	7.855E-07	4.633E-04
46	0.	DEAD	LinStatic	10.025	-0.015	1.013E-03	5.990E-06	0.0018
46	0.4	DEAD	LinStatic	10.025	-9.866E-03	1.013E-03	5.990E-06	0.0014
46	0.	Lr	LinStatic	9.912	-0.012	1.093E-03	5.916E-06	0.0018
46	0.4	Lr	LinStatic	9.912	-0.012	1.093E-03	5.916E-06	0.0014
46	0.	Le	LinStatic	4.441	-5.461E-03	4.896E-04	2.651E-06	8.185E-04
46	0.4	Le	LinStatic	4.441	-5.461E-03	4.896E-04	2.651E-06	6.227E-04
47	0.	DEAD	LinStatic	10.054	-0.013	-4.140E-05	2.944E-06	0.0023
47	0.4	DEAD	LinStatic	10.054	-7.673E-03	-4.140E-05	2.944E-06	0.0023
47	0.	Lr	LinStatic	9.941	-0.01	4.600E-05	2.916E-06	0.0023
47	0.4	Lr	LinStatic	9.941	-0.01	4.600E-05	2.916E-06	0.0023
47	0.	Le	LinStatic	4.454	-4.513E-03	2.061E-05	1.307E-06	0.001
47	0.4	Le	LinStatic	4.454	-4.513E-03	2.061E-05	1.307E-06	0.001
48	0.	DEAD	LinStatic	14.68	-9.746E-03	6.850E-04	4.378E-06	0.0028
48	0.4	DEAD	LinStatic	14.68	-4.735E-03	6.850E-04	4.378E-06	0.0025
48	0.	Lr	LinStatic	14.515	-7.119E-03	7.796E-04	4.333E-06	0.0028
48	0.4	Lr	LinStatic	14.515	-7.119E-03	7.796E-04	4.333E-06	0.0025
48	0.	Le	LinStatic	6.503	-3.190E-03	3.493E-04	1.941E-06	0.0013
48	0.4	Le	LinStatic	6.503	-3.190E-03	3.493E-04	1.941E-06	0.0011
49	0.	DEAD	LinStatic	14.696	-7.366E-03	-6.644E-04	4.513E-06	0.0031
49	0.4	DEAD	LinStatic	14.696	-2.355E-03	-6.644E-04	4.513E-06	0.0033
49	0.	Lr	LinStatic	14.53	-4.828E-03	-6.229E-04	4.508E-06	0.003
49	0.4	Lr	LinStatic	14.53	-4.828E-03	-6.229E-04	4.508E-06	0.0033
49	0.	Le	LinStatic	6.51	-2.163E-03	-2.791E-04	2.020E-06	0.0014
49	0.4	Le	LinStatic	6.51	-2.163E-03	-2.791E-04	2.020E-06	0.0015
50	0.	DEAD	LinStatic	16.398	-4.112E-03	4.793E-04	-2.026E-06	0.0032
50	0.4	DEAD	LinStatic	16.398	8.991E-04	4.793E-04	-2.026E-06	0.003
50	0.	Lr	LinStatic	16.213	-1.559E-03	5.099E-04	-2.040E-06	0.0032
50	0.4	Lr	LinStatic	16.213	-1.559E-03	5.099E-04	-2.040E-06	0.0029

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
50	0.	Le	LinStatic	7.264	-6.986E-04	2.284E-04	-9.140E-07	0.0014
50	0.4	Le	LinStatic	7.264	-6.986E-04	2.284E-04	-9.140E-07	0.0013
51	0.	DEAD	LinStatic	16.4	-1.800E-03	-1.627E-04	1.012E-06	0.0031
51	0.4	DEAD	LinStatic	16.4	3.210E-03	-1.627E-04	1.012E-06	0.0032
51	0.	Lr	LinStatic	16.215	7.010E-04	-5.866E-05	9.879E-07	0.0031
51	0.4	Lr	LinStatic	16.215	7.010E-04	-5.866E-05	9.879E-07	0.0032
51	0.	Le	LinStatic	7.265	3.141E-04	-2.628E-05	4.426E-07	0.0014
51	0.4	Le	LinStatic	7.265	3.141E-04	-2.628E-05	4.426E-07	0.0014
52	0.	DEAD	LinStatic	15.184	6.844E-04	-7.399E-04	-1.331E-06	0.003
52	0.4	DEAD	LinStatic	15.184	5.695E-03	-7.399E-04	-1.331E-06	0.0033
52	0.	Lr	LinStatic	15.011	3.192E-03	-6.422E-04	-1.323E-06	0.003
52	0.4	Lr	LinStatic	15.011	3.192E-03	-6.422E-04	-1.323E-06	0.0032
52	0.	Le	LinStatic	6.726	1.430E-03	-2.877E-04	-5.927E-07	0.0013
52	0.4	Le	LinStatic	6.726	1.430E-03	-2.877E-04	-5.927E-07	0.0014
53	0.	DEAD	LinStatic	15.171	3.955E-03	-6.573E-05	-4.063E-07	0.0028
53	0.4	DEAD	LinStatic	15.171	8.966E-03	-6.573E-05	-4.063E-07	0.0028
53	0.	Lr	LinStatic	14.998	6.386E-03	2.524E-05	-3.865E-07	0.0028
53	0.4	Lr	LinStatic	14.998	6.386E-03	2.524E-05	-3.865E-07	0.0028
53	0.	Le	LinStatic	6.72	2.861E-03	1.131E-05	-1.732E-07	0.0012
53	0.4	Le	LinStatic	6.72	2.861E-03	1.131E-05	-1.732E-07	0.0012
54	0.	DEAD	LinStatic	11.032	5.796E-03	-1.463E-03	-4.062E-06	0.0022
54	0.4	DEAD	LinStatic	11.032	0.011	-1.463E-03	-4.062E-06	0.0028
54	0.	Lr	LinStatic	10.904	8.239E-03	-1.367E-03	-4.007E-06	0.0022
54	0.4	Lr	LinStatic	10.904	8.239E-03	-1.367E-03	-4.007E-06	0.0027
54	0.	Le	LinStatic	4.886	3.692E-03	-6.126E-04	-1.795E-06	9.807E-04
54	0.4	Le	LinStatic	4.886	3.692E-03	-6.126E-04	-1.795E-06	0.0012
55	0.	DEAD	LinStatic	11.005	9.559E-03	-2.259E-04	-2.967E-06	0.0019
55	0.4	DEAD	LinStatic	11.005	0.015	-2.259E-04	-2.967E-06	0.002
55	0.	Lr	LinStatic	10.878	0.012	-1.100E-04	-2.913E-06	0.0019
55	0.4	Lr	LinStatic	10.878	0.012	-1.100E-04	-2.913E-06	0.0019
55	0.	Le	LinStatic	4.874	5.348E-03	-4.929E-05	-1.305E-06	8.388E-04
55	0.4	Le	LinStatic	4.874	5.348E-03	-4.929E-05	-1.305E-06	8.585E-04
56	0.	DEAD	LinStatic	3.937	0.011	-2.761E-03	-7.342E-06	6.878E-04
56	0.4	DEAD	LinStatic	3.937	0.016	-2.761E-03	-7.342E-06	0.0018
56	0.	Lr	LinStatic	3.891	0.013	-2.639E-03	-7.377E-06	7.012E-04
56	0.4	Lr	LinStatic	3.891	0.013	-2.639E-03	-7.377E-06	0.0018
56	0.	Le	LinStatic	1.743	5.965E-03	-1.182E-03	-3.305E-06	3.142E-04
56	0.4	Le	LinStatic	1.743	5.965E-03	-1.182E-03	-3.305E-06	7.871E-04
57	0.	DEAD	LinStatic	3.891	0.028	1.778E-03	-2.097E-06	3.113E-04
57	0.33673	DEAD	LinStatic	3.891	0.032	1.778E-03	-2.097E-06	-2.873E-04
57	0.	Lr	LinStatic	3.845	0.03	1.989E-03	-1.922E-06	3.116E-04
57	0.33673	Lr	LinStatic	3.845	0.03	1.989E-03	-1.922E-06	-3.583E-04
57	0.	Le	LinStatic	1.723	0.014	8.914E-04	-8.610E-07	1.396E-04
57	0.33673	Le	LinStatic	1.723	0.014	8.914E-04	-8.610E-07	-1.605E-04
306	0.	DEAD	LinStatic	-0.02	-0.045	-5.630E-03	-2.768E-05	-4.982E-04
306	0.17	DEAD	LinStatic	-0.018	-0.045	-5.630E-03	-2.768E-05	4.589E-04
306	0.34	DEAD	LinStatic	-0.016	-0.045	-5.630E-03	-2.768E-05	0.0014
306	0.	Lr	LinStatic	-0.026	-0.045	-5.588E-03	-2.774E-05	-4.907E-04
306	0.17	Lr	LinStatic	-0.026	-0.045	-5.588E-03	-2.774E-05	4.592E-04
306	0.34	Lr	LinStatic	-0.026	-0.045	-5.588E-03	-2.774E-05	0.0014
306	0.	Le	LinStatic	-0.012	-0.02	-2.504E-03	-1.243E-05	-2.199E-04
306	0.17	Le	LinStatic	-0.012	-0.02	-2.504E-03	-1.243E-05	2.058E-04
306	0.34	Le	LinStatic	-0.012	-0.02	-2.504E-03	-1.243E-05	6.314E-04
307	0.	DEAD	LinStatic	-0.611	-0.024	-1.054E-03	-5.950E-06	-3.645E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
307	0.17	DEAD	LinStatic	-0.609	-0.024	-1.054E-03	-5.950E-06	-1.854E-04
307	0.34	DEAD	LinStatic	-0.607	-0.024	-1.054E-03	-5.950E-06	-6.184E-06
307	0.	Lr	LinStatic	-0.618	-0.023	-1.042E-03	-5.906E-06	-3.609E-04
307	0.17	Lr	LinStatic	-0.618	-0.023	-1.042E-03	-5.906E-06	-1.837E-04
307	0.34	Lr	LinStatic	-0.618	-0.023	-1.042E-03	-5.906E-06	-6.609E-06
307	0.	Le	LinStatic	-0.277	-0.01	-4.668E-04	-2.646E-06	-1.617E-04
307	0.17	Le	LinStatic	-0.277	-0.01	-4.668E-04	-2.646E-06	-8.232E-05
307	0.34	Le	LinStatic	-0.277	-0.01	-4.668E-04	-2.646E-06	-2.961E-06
308	0.	DEAD	LinStatic	3.189E-03	-0.021	-1.171E-03	-1.262E-05	-9.001E-05
308	0.17	DEAD	LinStatic	5.318E-03	-0.021	-1.171E-03	-1.262E-05	1.090E-04
308	0.34	DEAD	LinStatic	7.448E-03	-0.021	-1.171E-03	-1.262E-05	3.080E-04
308	0.	Lr	LinStatic	-3.471E-03	-0.021	-1.153E-03	-1.264E-05	-8.662E-05
308	0.17	Lr	LinStatic	-3.471E-03	-0.021	-1.153E-03	-1.264E-05	1.093E-04
308	0.34	Lr	LinStatic	-3.471E-03	-0.021	-1.153E-03	-1.264E-05	3.053E-04
308	0.	Le	LinStatic	-1.555E-03	-9.290E-03	-5.164E-04	-5.663E-06	-3.881E-05
308	0.17	Le	LinStatic	-1.555E-03	-9.290E-03	-5.164E-04	-5.663E-06	4.898E-05
308	0.34	Le	LinStatic	-1.555E-03	-9.290E-03	-5.164E-04	-5.663E-06	1.368E-04
309	0.	DEAD	LinStatic	-0.601	-0.016	-1.129E-03	-7.955E-06	-3.761E-04
309	0.17	DEAD	LinStatic	-0.599	-0.016	-1.129E-03	-7.955E-06	-1.842E-04
309	0.34	DEAD	LinStatic	-0.597	-0.016	-1.129E-03	-7.955E-06	7.766E-06
309	0.	Lr	LinStatic	-0.608	-0.016	-1.119E-03	-7.988E-06	-3.728E-04
309	0.17	Lr	LinStatic	-0.608	-0.016	-1.119E-03	-7.988E-06	-1.825E-04
309	0.34	Lr	LinStatic	-0.608	-0.016	-1.119E-03	-7.988E-06	7.710E-06
309	0.	Le	LinStatic	-0.272	-7.068E-03	-5.014E-04	-3.579E-06	-1.670E-04
309	0.17	Le	LinStatic	-0.272	-7.068E-03	-5.014E-04	-3.579E-06	-8.179E-05
309	0.34	Le	LinStatic	-0.272	-7.068E-03	-5.014E-04	-3.579E-06	3.455E-06
30A	0.	DEAD	LinStatic	2.809E-03	-0.011	-8.842E-04	-9.764E-06	-1.710E-04
30A	0.17	DEAD	LinStatic	4.939E-03	-0.011	-8.842E-04	-9.764E-06	-2.070E-05
30A	0.34	DEAD	LinStatic	7.068E-03	-0.011	-8.842E-04	-9.764E-06	1.296E-04
30A	0.	Lr	LinStatic	-3.826E-03	-0.011	-8.683E-04	-9.843E-06	-1.677E-04
30A	0.17	Lr	LinStatic	-3.826E-03	-0.011	-8.683E-04	-9.843E-06	-2.004E-05
30A	0.34	Lr	LinStatic	-3.826E-03	-0.011	-8.683E-04	-9.843E-06	1.276E-04
30A	0.	Le	LinStatic	-1.714E-03	-4.759E-03	-3.891E-04	-4.410E-06	-7.512E-05
30A	0.17	Le	LinStatic	-1.714E-03	-4.759E-03	-3.891E-04	-4.410E-06	-8.981E-06
30A	0.34	Le	LinStatic	-1.714E-03	-4.759E-03	-3.891E-04	-4.410E-06	5.716E-05
30B	0.	DEAD	LinStatic	-0.601	-6.178E-03	-5.103E-04	-1.961E-06	-1.663E-04
30B	0.17	DEAD	LinStatic	-0.598	-6.178E-03	-5.103E-04	-1.961E-06	-7.955E-05
30B	0.34	DEAD	LinStatic	-0.596	-6.178E-03	-5.103E-04	-1.961E-06	7.204E-06
30B	0.	Lr	LinStatic	-0.607	-6.112E-03	-5.083E-04	-1.885E-06	-1.656E-04
30B	0.17	Lr	LinStatic	-0.607	-6.112E-03	-5.083E-04	-1.885E-06	-7.924E-05
30B	0.34	Lr	LinStatic	-0.607	-6.112E-03	-5.083E-04	-1.885E-06	7.169E-06
30B	0.	Le	LinStatic	-0.272	-2.738E-03	-2.277E-04	-8.444E-07	-7.422E-05
30B	0.17	Le	LinStatic	-0.272	-2.738E-03	-2.277E-04	-8.444E-07	-3.550E-05
30B	0.34	Le	LinStatic	-0.272	-2.738E-03	-2.277E-04	-8.444E-07	3.212E-06
30C	0.	DEAD	LinStatic	1.740E-03	-6.812E-04	-1.012E-04	-2.893E-06	-6.737E-05
30C	0.17	DEAD	LinStatic	3.870E-03	-6.812E-04	-1.012E-04	-2.893E-06	-5.016E-05
30C	0.34	DEAD	LinStatic	6.000E-03	-6.812E-04	-1.012E-04	-2.893E-06	-3.296E-05
30C	0.	Lr	LinStatic	-4.921E-03	-6.413E-04	-1.041E-04	-3.023E-06	-6.626E-05
30C	0.17	Lr	LinStatic	-4.921E-03	-6.413E-04	-1.041E-04	-3.023E-06	-4.855E-05
30C	0.34	Lr	LinStatic	-4.921E-03	-6.413E-04	-1.041E-04	-3.023E-06	-3.085E-05
30C	0.	Le	LinStatic	-2.205E-03	-2.873E-04	-4.665E-05	-1.354E-06	-2.969E-05
30C	0.17	Le	LinStatic	-2.205E-03	-2.873E-04	-4.665E-05	-1.354E-06	-2.175E-05
30C	0.34	Le	LinStatic	-2.205E-03	-2.873E-04	-4.665E-05	-1.354E-06	-1.382E-05
30D	0.	DEAD	LinStatic	5.414	-4.361E-03	2.461E-03	-1.158E-04	7.457E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30D	0.26249	DEAD	LinStatic	5.416	-1.641E-03	2.461E-03	-1.158E-04	9.955E-05
30D	0.52498	DEAD	LinStatic	5.418	1.080E-03	2.461E-03	-1.158E-04	-5.466E-04
30D	0.	Lr	LinStatic	5.355	-1.674E-03	2.443E-03	-1.177E-04	7.395E-04
30D	0.26249	Lr	LinStatic	5.355	-1.674E-03	2.443E-03	-1.177E-04	9.817E-05
30D	0.52498	Lr	LinStatic	5.355	-1.674E-03	2.443E-03	-1.177E-04	-5.432E-04
30D	0.	Le	LinStatic	2.399	-7.499E-04	1.095E-03	-5.272E-05	3.313E-04
30D	0.26249	Le	LinStatic	2.399	-7.499E-04	1.095E-03	-5.272E-05	4.399E-05
30D	0.52498	Le	LinStatic	2.399	-7.499E-04	1.095E-03	-5.272E-05	-2.434E-04
30E	0.	DEAD	LinStatic	-4.455	-3.289E-03	-1.233E-04	-7.145E-06	3.760E-05
30E	0.26249	DEAD	LinStatic	-4.453	-5.688E-04	-1.233E-04	-7.145E-06	6.997E-05
30E	0.52498	DEAD	LinStatic	-4.451	2.152E-03	-1.233E-04	-7.145E-06	1.024E-04
30E	0.	Lr	LinStatic	-4.403	-5.622E-04	-1.194E-04	-7.479E-06	3.851E-05
30E	0.26249	Lr	LinStatic	-4.403	-5.622E-04	-1.194E-04	-7.479E-06	6.986E-05
30E	0.52498	Lr	LinStatic	-4.403	-5.622E-04	-1.194E-04	-7.479E-06	1.012E-04
30E	0.	Le	LinStatic	-1.973	-2.519E-04	-5.351E-05	-3.351E-06	1.726E-05
30E	0.26249	Le	LinStatic	-1.973	-2.519E-04	-5.351E-05	-3.351E-06	3.130E-05
30E	0.52498	Le	LinStatic	-1.973	-2.519E-04	-5.351E-05	-3.351E-06	4.535E-05
30F	0.	DEAD	LinStatic	3.493	-2.314E-03	1.711E-03	-2.392E-05	5.347E-04
30F	0.26249	DEAD	LinStatic	3.495	4.061E-04	1.711E-03	-2.392E-05	8.572E-05
30F	0.52498	DEAD	LinStatic	3.497	3.127E-03	1.711E-03	-2.392E-05	-3.633E-04
30F	0.	Lr	LinStatic	3.456	4.034E-04	1.698E-03	-2.413E-05	5.311E-04
30F	0.26249	Lr	LinStatic	3.456	4.034E-04	1.698E-03	-2.413E-05	8.543E-05
30F	0.52498	Lr	LinStatic	3.456	4.034E-04	1.698E-03	-2.413E-05	-3.603E-04
30F	0.	Le	LinStatic	1.549	1.808E-04	7.608E-04	-1.081E-05	2.380E-04
30F	0.26249	Le	LinStatic	1.549	1.808E-04	7.608E-04	-1.081E-05	3.828E-05
30F	0.52498	Le	LinStatic	1.549	1.808E-04	7.608E-04	-1.081E-05	-1.614E-04
310	0.	DEAD	LinStatic	-2.548	-3.101E-03	-2.318E-05	5.094E-06	5.343E-05
310	0.26249	DEAD	LinStatic	-2.546	-3.804E-04	-2.318E-05	5.094E-06	5.952E-05
310	0.52498	DEAD	LinStatic	-2.543	2.340E-03	-2.318E-05	5.094E-06	6.560E-05
310	0.	Lr	LinStatic	-2.518	-3.789E-04	-1.854E-05	4.752E-06	5.484E-05
310	0.26249	Lr	LinStatic	-2.518	-3.789E-04	-1.854E-05	4.752E-06	5.970E-05
310	0.52498	Lr	LinStatic	-2.518	-3.789E-04	-1.854E-05	4.752E-06	6.457E-05
310	0.	Le	LinStatic	-1.128	-1.698E-04	-8.305E-06	2.129E-06	2.457E-05
310	0.26249	Le	LinStatic	-1.128	-1.698E-04	-8.305E-06	2.129E-06	2.675E-05
310	0.52498	Le	LinStatic	-1.128	-1.698E-04	-8.305E-06	2.129E-06	2.893E-05
311	0.	DEAD	LinStatic	1.583	-2.587E-03	6.746E-04	-5.645E-06	2.260E-04
311	0.26249	DEAD	LinStatic	1.586	1.333E-04	6.746E-04	-5.645E-06	4.898E-05
311	0.52498	DEAD	LinStatic	1.588	2.854E-03	6.746E-04	-5.645E-06	-1.281E-04
311	0.	Lr	LinStatic	1.569	1.304E-04	6.665E-04	-5.384E-06	2.233E-04
311	0.26249	Lr	LinStatic	1.569	1.304E-04	6.665E-04	-5.384E-06	4.831E-05
311	0.52498	Lr	LinStatic	1.569	1.304E-04	6.665E-04	-5.384E-06	-1.266E-04
311	0.	Le	LinStatic	0.703	5.844E-05	2.986E-04	-2.412E-06	1.000E-04
311	0.26249	Le	LinStatic	0.703	5.844E-05	2.986E-04	-2.412E-06	2.164E-05
311	0.52498	Le	LinStatic	0.703	5.844E-05	2.986E-04	-2.412E-06	-5.674E-05
312	0.	DEAD	LinStatic	-0.643	-2.794E-03	-6.270E-05	7.880E-06	-3.654E-05
312	0.26249	DEAD	LinStatic	-0.64	-7.378E-05	-6.270E-05	7.880E-06	-2.008E-05
312	0.52498	DEAD	LinStatic	-0.638	2.647E-03	-6.270E-05	7.880E-06	-3.619E-06
312	0.	Lr	LinStatic	-0.632	-7.083E-05	-6.754E-05	7.927E-06	-3.806E-05
312	0.26249	Lr	LinStatic	-0.632	-7.083E-05	-6.754E-05	7.927E-06	-2.033E-05
312	0.52498	Lr	LinStatic	-0.632	-7.083E-05	-6.754E-05	7.927E-06	-2.600E-06
312	0.	Le	LinStatic	-0.283	-3.174E-05	-3.026E-05	3.552E-06	-1.705E-05
312	0.26249	Le	LinStatic	-0.283	-3.174E-05	-3.026E-05	3.552E-06	-9.108E-06
312	0.52498	Le	LinStatic	-0.283	-3.174E-05	-3.026E-05	3.552E-06	-1.165E-06
343	0.	DEAD	LinStatic	-0.601	3.857E-03	-4.518E-04	-2.104E-06	-1.511E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
343	0.17	DEAD	LinStatic	-0.598	3.857E-03	-4.518E-04	-2.104E-06	-7.425E-05
343	0.34	DEAD	LinStatic	-0.596	3.857E-03	-4.518E-04	-2.104E-06	2.563E-06
343	0.	Lr	LinStatic	-0.607	3.837E-03	-4.514E-04	-2.182E-06	-1.509E-04
343	0.17	Lr	LinStatic	-0.607	3.837E-03	-4.514E-04	-2.182E-06	-7.416E-05
343	0.34	Lr	LinStatic	-0.607	3.837E-03	-4.514E-04	-2.182E-06	2.576E-06
343	0.	Le	LinStatic	-0.272	1.719E-03	-2.022E-04	-9.776E-07	-6.761E-05
343	0.17	Le	LinStatic	-0.272	1.719E-03	-2.022E-04	-9.776E-07	-3.323E-05
343	0.34	Le	LinStatic	-0.272	1.719E-03	-2.022E-04	-9.776E-07	1.154E-06
344	0.	DEAD	LinStatic	5.590E-04	9.147E-03	5.606E-04	1.769E-06	-3.261E-06
344	0.17	DEAD	LinStatic	2.689E-03	9.147E-03	5.606E-04	1.769E-06	-9.856E-05
344	0.34	DEAD	LinStatic	4.818E-03	9.147E-03	5.606E-04	1.769E-06	-1.939E-04
344	0.	Lr	LinStatic	-6.072E-03	9.071E-03	5.542E-04	1.597E-06	-2.772E-06
344	0.17	Lr	LinStatic	-6.072E-03	9.071E-03	5.542E-04	1.597E-06	-9.698E-05
344	0.34	Lr	LinStatic	-6.072E-03	9.071E-03	5.542E-04	1.597E-06	-1.912E-04
344	0.	Le	LinStatic	-2.721E-03	4.064E-03	2.483E-04	7.153E-07	-1.242E-06
344	0.17	Le	LinStatic	-2.721E-03	4.064E-03	2.483E-04	7.153E-07	-4.345E-05
344	0.34	Le	LinStatic	-2.721E-03	4.064E-03	2.483E-04	7.153E-07	-8.567E-05
345	0.	DEAD	LinStatic	-0.601	0.014	-1.167E-04	4.838E-07	-3.994E-05
345	0.17	DEAD	LinStatic	-0.599	0.014	-1.167E-04	4.838E-07	-2.010E-05
345	0.34	DEAD	LinStatic	-0.597	0.014	-1.167E-04	4.838E-07	-2.641E-07
345	0.	Lr	LinStatic	-0.608	0.014	-1.227E-04	3.336E-07	-4.196E-05
345	0.17	Lr	LinStatic	-0.608	0.014	-1.227E-04	3.336E-07	-2.110E-05
345	0.34	Lr	LinStatic	-0.608	0.014	-1.227E-04	3.336E-07	-2.317E-07
345	0.	Le	LinStatic	-0.272	6.114E-03	-5.499E-05	1.495E-07	-1.880E-05
345	0.17	Le	LinStatic	-0.272	6.114E-03	-5.499E-05	1.495E-07	-9.452E-06
345	0.34	Le	LinStatic	-0.272	6.114E-03	-5.499E-05	1.495E-07	-1.038E-07
346	0.	DEAD	LinStatic	5.578E-04	0.019	1.174E-03	6.656E-06	3.734E-05
346	0.17	DEAD	LinStatic	2.687E-03	0.019	1.174E-03	6.656E-06	-1.623E-04
346	0.34	DEAD	LinStatic	4.817E-03	0.019	1.174E-03	6.656E-06	-3.619E-04
346	0.	Lr	LinStatic	-6.076E-03	0.019	1.148E-03	6.435E-06	3.391E-05
346	0.17	Lr	LinStatic	-6.076E-03	0.019	1.148E-03	6.435E-06	-1.613E-04
346	0.34	Lr	LinStatic	-6.076E-03	0.019	1.148E-03	6.435E-06	-3.565E-04
346	0.	Le	LinStatic	-2.722E-03	8.538E-03	5.145E-04	2.883E-06	1.519E-05
346	0.17	Le	LinStatic	-2.722E-03	8.538E-03	5.145E-04	2.883E-06	-7.226E-05
346	0.34	Le	LinStatic	-2.722E-03	8.538E-03	5.145E-04	2.883E-06	-1.597E-04
347	0.	DEAD	LinStatic	-0.604	0.023	2.488E-04	7.571E-06	8.968E-05
347	0.17	DEAD	LinStatic	-0.602	0.023	2.488E-04	7.571E-06	4.739E-05
347	0.34	DEAD	LinStatic	-0.6	0.023	2.488E-04	7.571E-06	5.104E-06
347	0.	Lr	LinStatic	-0.611	0.023	2.531E-04	7.414E-06	9.141E-05
347	0.17	Lr	LinStatic	-0.611	0.023	2.531E-04	7.414E-06	4.839E-05
347	0.34	Lr	LinStatic	-0.611	0.023	2.531E-04	7.414E-06	5.365E-06
347	0.	Le	LinStatic	-0.274	0.01	1.134E-04	3.322E-06	4.096E-05
347	0.17	Le	LinStatic	-0.274	0.01	1.134E-04	3.322E-06	2.168E-05
347	0.34	Le	LinStatic	-0.274	0.01	1.134E-04	3.322E-06	2.404E-06
348	0.	DEAD	LinStatic	-0.017	0.034	4.626E-03	2.279E-05	8.551E-04
348	0.17	DEAD	LinStatic	-0.015	0.034	4.626E-03	2.279E-05	6.870E-05
348	0.34	DEAD	LinStatic	-0.013	0.034	4.626E-03	2.279E-05	-7.177E-04
348	0.	Lr	LinStatic	-0.024	0.034	4.672E-03	2.292E-05	8.732E-04
348	0.17	Lr	LinStatic	-0.024	0.034	4.672E-03	2.292E-05	7.895E-05
348	0.34	Lr	LinStatic	-0.024	0.034	4.672E-03	2.292E-05	-7.153E-04
348	0.	Le	LinStatic	-0.011	0.015	2.093E-03	1.027E-05	3.912E-04
348	0.17	Le	LinStatic	-0.011	0.015	2.093E-03	1.027E-05	3.537E-05
348	0.34	Le	LinStatic	-0.011	0.015	2.093E-03	1.027E-05	-3.205E-04
349	0.	DEAD	LinStatic	-0.321	-2.782E-03	-1.798E-04	-2.315E-05	-1.605E-05

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
349	0.26249	DEAD	LinStatic	-0.319	-6.173E-05	-1.798E-04	-2.315E-05	3.115E-05
349	0.52498	DEAD	LinStatic	-0.316	2.659E-03	-1.798E-04	-2.315E-05	7.834E-05
349	0.	Lr	LinStatic	-0.316	-5.795E-05	-1.723E-04	-2.336E-05	-1.403E-05
349	0.26249	Lr	LinStatic	-0.316	-5.795E-05	-1.723E-04	-2.336E-05	3.119E-05
349	0.52498	Lr	LinStatic	-0.316	-5.795E-05	-1.723E-04	-2.336E-05	7.641E-05
349	0.	Le	LinStatic	-0.142	-2.596E-05	-7.719E-05	-1.047E-05	-6.286E-06
349	0.26249	Le	LinStatic	-0.142	-2.596E-05	-7.719E-05	-1.047E-05	1.398E-05
349	0.52498	Le	LinStatic	-0.142	-2.596E-05	-7.719E-05	-1.047E-05	3.424E-05
34A	0.	DEAD	LinStatic	1.268	-2.604E-03	8.198E-05	1.195E-05	6.675E-06
34A	0.26249	DEAD	LinStatic	1.27	1.166E-04	8.198E-05	1.195E-05	-1.484E-05
34A	0.52498	DEAD	LinStatic	1.273	2.837E-03	8.198E-05	1.195E-05	-3.636E-05
34A	0.	Lr	LinStatic	1.257	1.124E-04	8.579E-05	1.149E-05	8.589E-06
34A	0.26249	Lr	LinStatic	1.257	1.124E-04	8.579E-05	1.149E-05	-1.393E-05
34A	0.52498	Lr	LinStatic	1.257	1.124E-04	8.579E-05	1.149E-05	-3.645E-05
34A	0.	Le	LinStatic	0.563	5.037E-05	3.844E-05	5.149E-06	3.848E-06
34A	0.26249	Le	LinStatic	0.563	5.037E-05	3.844E-05	5.149E-06	-6.242E-06
34A	0.52498	Le	LinStatic	0.563	5.037E-05	3.844E-05	5.149E-06	-1.633E-05
34B	0.	DEAD	LinStatic	-2.229	-3.023E-03	-1.132E-03	-1.522E-05	-2.983E-04
34B	0.26249	DEAD	LinStatic	-2.227	-3.026E-04	-1.132E-03	-1.522E-05	-1.196E-06
34B	0.52498	DEAD	LinStatic	-2.224	2.418E-03	-1.132E-03	-1.522E-05	2.959E-04
34B	0.	Lr	LinStatic	-2.203	-2.966E-04	-1.112E-03	-1.557E-05	-2.925E-04
34B	0.26249	Lr	LinStatic	-2.203	-2.966E-04	-1.112E-03	-1.557E-05	-5.227E-07
34B	0.52498	Lr	LinStatic	-2.203	-2.966E-04	-1.112E-03	-1.557E-05	2.914E-04
34B	0.	Le	LinStatic	-0.987	-1.329E-04	-4.983E-04	-6.977E-06	-1.310E-04
34B	0.26249	Le	LinStatic	-0.987	-1.329E-04	-4.983E-04	-6.977E-06	-2.342E-07
34B	0.52498	Le	LinStatic	-0.987	-1.329E-04	-4.983E-04	-6.977E-06	1.306E-04
34C	0.	DEAD	LinStatic	3.178	-2.359E-03	1.214E-04	1.497E-05	-9.829E-06
34C	0.26249	DEAD	LinStatic	3.18	3.616E-04	1.214E-04	1.497E-05	-4.170E-05
34C	0.52498	DEAD	LinStatic	3.182	3.082E-03	1.214E-04	1.497E-05	-7.357E-05
34C	0.	Lr	LinStatic	3.145	3.547E-04	1.260E-04	1.467E-05	-7.157E-06
34C	0.26249	Lr	LinStatic	3.145	3.547E-04	1.260E-04	1.467E-05	-4.024E-05
34C	0.52498	Lr	LinStatic	3.145	3.547E-04	1.260E-04	1.467E-05	-7.332E-05
34C	0.	Le	LinStatic	1.409	1.589E-04	5.647E-05	6.573E-06	-3.207E-06
34C	0.26249	Le	LinStatic	1.409	1.589E-04	5.647E-05	6.573E-06	-1.803E-05
34C	0.52498	Le	LinStatic	1.409	1.589E-04	5.647E-05	6.573E-06	-3.285E-05
34D	0.	DEAD	LinStatic	-4.137	-3.309E-03	-2.191E-03	-6.599E-06	-6.313E-04
34D	0.26249	DEAD	LinStatic	-4.134	-5.886E-04	-2.191E-03	-6.599E-06	-5.621E-05
34D	0.52498	DEAD	LinStatic	-4.132	2.132E-03	-2.191E-03	-6.599E-06	5.189E-04
34D	0.	Lr	LinStatic	-4.088	-5.786E-04	-2.156E-03	-7.477E-06	-6.206E-04
34D	0.26249	Lr	LinStatic	-4.088	-5.786E-04	-2.156E-03	-7.477E-06	-5.455E-05
34D	0.52498	Lr	LinStatic	-4.088	-5.786E-04	-2.156E-03	-7.477E-06	5.115E-04
34D	0.	Le	LinStatic	-1.832	-2.592E-04	-9.662E-04	-3.350E-06	-2.781E-04
34D	0.26249	Le	LinStatic	-1.832	-2.592E-04	-9.662E-04	-3.350E-06	-2.444E-05
34D	0.52498	Le	LinStatic	-1.832	-2.592E-04	-9.662E-04	-3.350E-06	2.292E-04
34E	0.	DEAD	LinStatic	5.094	-2.552E-03	6.426E-04	1.334E-05	-1.845E-05
34E	0.26249	DEAD	LinStatic	5.096	1.680E-04	6.426E-04	1.334E-05	-1.871E-04
34E	0.52498	DEAD	LinStatic	5.098	2.888E-03	6.426E-04	1.334E-05	-3.558E-04
34E	0.	Lr	LinStatic	5.036	1.580E-04	6.589E-04	1.249E-05	-1.516E-05
34E	0.26249	Lr	LinStatic	5.036	1.580E-04	6.589E-04	1.249E-05	-1.881E-04
34E	0.52498	Lr	LinStatic	5.036	1.580E-04	6.589E-04	1.249E-05	-3.611E-04
34E	0.	Le	LinStatic	2.257	7.081E-05	2.952E-04	5.598E-06	-6.794E-06
34E	0.26249	Le	LinStatic	2.257	7.081E-05	2.952E-04	5.598E-06	-8.429E-05
34E	0.52498	Le	LinStatic	2.257	7.081E-05	2.952E-04	5.598E-06	-1.618E-04
35C	0.	DEAD	LinStatic	-0.027	-0.045	-5.632E-03	-2.781E-05	-4.999E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
35C	0.17	DEAD	LinStatic	-0.025	-0.045	-5.632E-03	-2.781E-05	4.575E-04
35C	0.34	DEAD	LinStatic	-0.022	-0.045	-5.632E-03	-2.781E-05	0.0014
35C	0.	Lr	LinStatic	-0.033	-0.045	-5.585E-03	-2.770E-05	-4.907E-04
35C	0.17	Lr	LinStatic	-0.033	-0.045	-5.585E-03	-2.770E-05	4.588E-04
35C	0.34	Lr	LinStatic	-0.033	-0.045	-5.585E-03	-2.770E-05	0.0014
35C	0.	Le	LinStatic	-0.015	-0.02	-2.503E-03	-1.241E-05	-2.199E-04
35C	0.17	Le	LinStatic	-0.015	-0.02	-2.503E-03	-1.241E-05	2.056E-04
35C	0.34	Le	LinStatic	-0.015	-0.02	-2.503E-03	-1.241E-05	6.310E-04
35D	0.	DEAD	LinStatic	-0.611	-0.024	-1.054E-03	-6.150E-06	-3.646E-04
35D	0.17	DEAD	LinStatic	-0.609	-0.024	-1.054E-03	-6.150E-06	-1.854E-04
35D	0.34	DEAD	LinStatic	-0.607	-0.024	-1.054E-03	-6.150E-06	-6.141E-06
35D	0.	Lr	LinStatic	-0.618	-0.023	-1.045E-03	-5.856E-06	-3.619E-04
35D	0.17	Lr	LinStatic	-0.618	-0.023	-1.045E-03	-5.856E-06	-1.842E-04
35D	0.34	Lr	LinStatic	-0.618	-0.023	-1.045E-03	-5.856E-06	-6.529E-06
35D	0.	Le	LinStatic	-0.277	-0.01	-4.683E-04	-2.624E-06	-1.621E-04
35D	0.17	Le	LinStatic	-0.277	-0.01	-4.683E-04	-2.624E-06	-8.253E-05
35D	0.34	Le	LinStatic	-0.277	-0.01	-4.683E-04	-2.624E-06	-2.926E-06
35E	0.	DEAD	LinStatic	2.231E-03	-0.021	-1.155E-03	-1.285E-05	-8.445E-05
35E	0.17	DEAD	LinStatic	4.361E-03	-0.021	-1.155E-03	-1.285E-05	1.119E-04
35E	0.34	DEAD	LinStatic	6.491E-03	-0.021	-1.155E-03	-1.285E-05	3.083E-04
35E	0.	Lr	LinStatic	-4.404E-03	-0.021	-1.143E-03	-1.257E-05	-8.303E-05
35E	0.17	Lr	LinStatic	-4.404E-03	-0.021	-1.143E-03	-1.257E-05	1.114E-04
35E	0.34	Lr	LinStatic	-4.404E-03	-0.021	-1.143E-03	-1.257E-05	3.057E-04
35E	0.	Le	LinStatic	-1.973E-03	-9.282E-03	-5.123E-04	-5.631E-06	-3.720E-05
35E	0.17	Le	LinStatic	-1.973E-03	-9.282E-03	-5.123E-04	-5.631E-06	4.989E-05
35E	0.34	Le	LinStatic	-1.973E-03	-9.282E-03	-5.123E-04	-5.631E-06	1.370E-04
35F	0.	DEAD	LinStatic	-0.601	-0.016	-1.120E-03	-8.242E-06	-3.730E-04
35F	0.17	DEAD	LinStatic	-0.599	-0.016	-1.120E-03	-8.242E-06	-1.826E-04
35F	0.34	DEAD	LinStatic	-0.596	-0.016	-1.120E-03	-8.242E-06	7.872E-06
35F	0.	Lr	LinStatic	-0.607	-0.016	-1.109E-03	-8.036E-06	-3.694E-04
35F	0.17	Lr	LinStatic	-0.607	-0.016	-1.109E-03	-8.036E-06	-1.808E-04
35F	0.34	Lr	LinStatic	-0.607	-0.016	-1.109E-03	-8.036E-06	7.837E-06
35F	0.	Le	LinStatic	-0.272	-7.054E-03	-4.971E-04	-3.601E-06	-1.655E-04
35F	0.17	Le	LinStatic	-0.272	-7.054E-03	-4.971E-04	-3.601E-06	-8.099E-05
35F	0.34	Le	LinStatic	-0.272	-7.054E-03	-4.971E-04	-3.601E-06	3.511E-06
360	0.	DEAD	LinStatic	2.651E-05	-0.011	-9.805E-04	-9.571E-06	-1.848E-04
360	0.17	DEAD	LinStatic	2.156E-03	-0.011	-9.805E-04	-9.571E-06	-1.813E-05
360	0.34	DEAD	LinStatic	4.286E-03	-0.011	-9.805E-04	-9.571E-06	1.486E-04
360	0.	Lr	LinStatic	-6.614E-03	-0.011	-9.799E-04	-9.284E-06	-1.844E-04
360	0.17	Lr	LinStatic	-6.614E-03	-0.011	-9.799E-04	-9.284E-06	-1.780E-05
360	0.34	Lr	LinStatic	-6.614E-03	-0.011	-9.799E-04	-9.284E-06	1.488E-04
360	0.	Le	LinStatic	-2.963E-03	-4.759E-03	-4.390E-04	-4.160E-06	-8.261E-05
360	0.17	Le	LinStatic	-2.963E-03	-4.759E-03	-4.390E-04	-4.160E-06	-7.974E-06
360	0.34	Le	LinStatic	-2.963E-03	-4.759E-03	-4.390E-04	-4.160E-06	6.666E-05
361	0.	DEAD	LinStatic	-0.6	-6.191E-03	-5.246E-04	-1.969E-06	-1.732E-04
361	0.17	DEAD	LinStatic	-0.598	-6.191E-03	-5.246E-04	-1.969E-06	-8.403E-05
361	0.34	DEAD	LinStatic	-0.596	-6.191E-03	-5.246E-04	-1.969E-06	5.151E-06
361	0.	Lr	LinStatic	-0.607	-6.117E-03	-5.211E-04	-2.005E-06	-1.720E-04
361	0.17	Lr	LinStatic	-0.607	-6.117E-03	-5.211E-04	-2.005E-06	-8.345E-05
361	0.34	Lr	LinStatic	-0.607	-6.117E-03	-5.211E-04	-2.005E-06	5.146E-06
361	0.	Le	LinStatic	-0.272	-2.741E-03	-2.335E-04	-8.985E-07	-7.708E-05
361	0.17	Le	LinStatic	-0.272	-2.741E-03	-2.335E-04	-8.985E-07	-3.739E-05
361	0.34	Le	LinStatic	-0.272	-2.741E-03	-2.335E-04	-8.985E-07	2.306E-06
362	0.	DEAD	LinStatic	5.176E-04	-6.761E-04	-1.268E-04	-3.826E-06	-5.654E-05

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
362	0.17	DEAD	LinStatic	2.647E-03	-6.761E-04	-1.268E-04	-3.826E-06	-3.498E-05
362	0.34	DEAD	LinStatic	4.777E-03	-6.761E-04	-1.268E-04	-3.826E-06	-1.343E-05
362	0.	Lr	LinStatic	-6.091E-03	-6.855E-04	-1.232E-04	-3.608E-06	-5.607E-05
362	0.17	Lr	LinStatic	-6.091E-03	-6.855E-04	-1.232E-04	-3.608E-06	-3.512E-05
362	0.34	Lr	LinStatic	-6.091E-03	-6.855E-04	-1.232E-04	-3.608E-06	-1.417E-05
362	0.	Le	LinStatic	-2.729E-03	-3.071E-04	-5.522E-05	-1.616E-06	-2.512E-05
362	0.17	Le	LinStatic	-2.729E-03	-3.071E-04	-5.522E-05	-1.616E-06	-1.574E-05
362	0.34	Le	LinStatic	-2.729E-03	-3.071E-04	-5.522E-05	-1.616E-06	-6.348E-06
363	0.	DEAD	LinStatic	5.405	-4.347E-03	2.473E-03	-1.168E-04	7.492E-04
363	0.26249	DEAD	LinStatic	5.407	-1.627E-03	2.473E-03	-1.168E-04	1.001E-04
363	0.52498	DEAD	LinStatic	5.409	1.094E-03	2.473E-03	-1.168E-04	-5.490E-04
363	0.	Lr	LinStatic	5.346	-1.666E-03	2.441E-03	-1.176E-04	7.387E-04
363	0.26249	Lr	LinStatic	5.346	-1.666E-03	2.441E-03	-1.176E-04	9.787E-05
363	0.52498	Lr	LinStatic	5.346	-1.666E-03	2.441E-03	-1.176E-04	-5.430E-04
363	0.	Le	LinStatic	2.395	-7.463E-04	1.094E-03	-5.269E-05	3.310E-04
363	0.26249	Le	LinStatic	2.395	-7.463E-04	1.094E-03	-5.269E-05	4.385E-05
363	0.52498	Le	LinStatic	2.395	-7.463E-04	1.094E-03	-5.269E-05	-2.433E-04
364	0.	DEAD	LinStatic	-4.447	-3.272E-03	-1.114E-04	-8.171E-06	4.170E-05
364	0.26249	DEAD	LinStatic	-4.445	-5.513E-04	-1.114E-04	-8.171E-06	7.093E-05
364	0.52498	DEAD	LinStatic	-4.442	2.169E-03	-1.114E-04	-8.171E-06	1.002E-04
364	0.	Lr	LinStatic	-4.395	-5.399E-04	-1.219E-04	-7.836E-06	3.714E-05
364	0.26249	Lr	LinStatic	-4.395	-5.399E-04	-1.219E-04	-7.836E-06	6.914E-05
364	0.52498	Lr	LinStatic	-4.395	-5.399E-04	-1.219E-04	-7.836E-06	1.011E-04
364	0.	Le	LinStatic	-1.969	-2.419E-04	-5.462E-05	-3.511E-06	1.664E-05
364	0.26249	Le	LinStatic	-1.969	-2.419E-04	-5.462E-05	-3.511E-06	3.098E-05
364	0.52498	Le	LinStatic	-1.969	-2.419E-04	-5.462E-05	-3.511E-06	4.532E-05
365	0.	DEAD	LinStatic	3.486	-2.290E-03	1.729E-03	-2.486E-05	5.415E-04
365	0.26249	DEAD	LinStatic	3.488	4.300E-04	1.729E-03	-2.486E-05	8.764E-05
365	0.52498	DEAD	LinStatic	3.49	3.150E-03	1.729E-03	-2.486E-05	-3.662E-04
365	0.	Lr	LinStatic	3.449	4.218E-04	1.707E-03	-2.399E-05	5.344E-04
365	0.26249	Lr	LinStatic	3.449	4.218E-04	1.707E-03	-2.399E-05	8.628E-05
365	0.52498	Lr	LinStatic	3.449	4.218E-04	1.707E-03	-2.399E-05	-3.618E-04
365	0.	Le	LinStatic	1.545	1.890E-04	7.648E-04	-1.075E-05	2.394E-04
365	0.26249	Le	LinStatic	1.545	1.890E-04	7.648E-04	-1.075E-05	3.866E-05
365	0.52498	Le	LinStatic	1.545	1.890E-04	7.648E-04	-1.075E-05	-1.621E-04
366	0.	DEAD	LinStatic	-2.543	-3.069E-03	-1.631E-05	2.681E-06	5.764E-05
366	0.26249	DEAD	LinStatic	-2.541	-3.487E-04	-1.631E-05	2.681E-06	6.192E-05
366	0.52498	DEAD	LinStatic	-2.539	2.372E-03	-1.631E-05	2.681E-06	6.620E-05
366	0.	Lr	LinStatic	-2.513	-3.425E-04	-2.495E-05	2.835E-06	5.379E-05
366	0.26249	Lr	LinStatic	-2.513	-3.425E-04	-2.495E-05	2.835E-06	6.033E-05
366	0.52498	Lr	LinStatic	-2.513	-3.425E-04	-2.495E-05	2.835E-06	6.688E-05
366	0.	Le	LinStatic	-1.126	-1.534E-04	-1.118E-05	1.270E-06	2.410E-05
366	0.26249	Le	LinStatic	-1.126	-1.534E-04	-1.118E-05	1.270E-06	2.703E-05
366	0.52498	Le	LinStatic	-1.126	-1.534E-04	-1.118E-05	1.270E-06	2.997E-05
367	0.	DEAD	LinStatic	1.582	-2.557E-03	7.465E-04	-1.097E-05	2.400E-04
367	0.26249	DEAD	LinStatic	1.585	1.630E-04	7.465E-04	-1.097E-05	4.404E-05
367	0.52498	DEAD	LinStatic	1.587	2.883E-03	7.465E-04	-1.097E-05	-1.519E-04
367	0.	Lr	LinStatic	1.568	1.640E-04	7.437E-04	-1.101E-05	2.391E-04
367	0.26249	Lr	LinStatic	1.568	1.640E-04	7.437E-04	-1.101E-05	4.384E-05
367	0.52498	Lr	LinStatic	1.568	1.640E-04	7.437E-04	-1.101E-05	-1.514E-04
367	0.	Le	LinStatic	0.702	7.348E-05	3.332E-04	-4.931E-06	1.071E-04
367	0.26249	Le	LinStatic	0.702	7.348E-05	3.332E-04	-4.931E-06	1.964E-05
367	0.52498	Le	LinStatic	0.702	7.348E-05	3.332E-04	-4.931E-06	-6.783E-05
368	0.	DEAD	LinStatic	-0.641	-2.762E-03	-1.334E-04	1.431E-05	-5.098E-05

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
368	0.26249	DEAD	LinStatic	-0.639	-4.182E-05	-1.334E-04	1.431E-05	-1.598E-05
368	0.52498	DEAD	LinStatic	-0.637	2.679E-03	-1.334E-04	1.431E-05	1.903E-05
368	0.	Lr	LinStatic	-0.63	-4.276E-05	-1.306E-04	1.391E-05	-4.982E-05
368	0.26249	Lr	LinStatic	-0.63	-4.276E-05	-1.306E-04	1.391E-05	-1.553E-05
368	0.52498	Lr	LinStatic	-0.63	-4.276E-05	-1.306E-04	1.391E-05	1.876E-05
368	0.	Le	LinStatic	-0.282	-1.916E-05	-5.854E-05	6.232E-06	-2.232E-05
368	0.26249	Le	LinStatic	-0.282	-1.916E-05	-5.854E-05	6.232E-06	-6.958E-06
368	0.52498	Le	LinStatic	-0.282	-1.916E-05	-5.854E-05	6.232E-06	8.407E-06
369	0.	DEAD	LinStatic	-0.6	3.883E-03	-4.768E-04	-2.151E-06	-1.591E-04
369	0.17	DEAD	LinStatic	-0.598	3.883E-03	-4.768E-04	-2.151E-06	-7.801E-05
369	0.34	DEAD	LinStatic	-0.596	3.883E-03	-4.768E-04	-2.151E-06	3.035E-06
369	0.	Lr	LinStatic	-0.607	3.826E-03	-4.730E-04	-2.026E-06	-1.578E-04
369	0.17	Lr	LinStatic	-0.607	3.826E-03	-4.730E-04	-2.026E-06	-7.737E-05
369	0.34	Lr	LinStatic	-0.607	3.826E-03	-4.730E-04	-2.026E-06	3.035E-06
369	0.	Le	LinStatic	-0.272	1.714E-03	-2.119E-04	-9.077E-07	-7.069E-05
369	0.17	Le	LinStatic	-0.272	1.714E-03	-2.119E-04	-9.077E-07	-3.467E-05
369	0.34	Le	LinStatic	-0.272	1.714E-03	-2.119E-04	-9.077E-07	1.360E-06
36A	0.	DEAD	LinStatic	8.774E-04	9.180E-03	5.724E-04	1.480E-06	1.699E-06
36A	0.17	DEAD	LinStatic	3.007E-03	9.180E-03	5.724E-04	1.480E-06	-9.562E-05
36A	0.34	DEAD	LinStatic	5.137E-03	9.180E-03	5.724E-04	1.480E-06	-1.929E-04
36A	0.	Lr	LinStatic	-5.755E-03	9.058E-03	5.626E-04	1.609E-06	9.064E-07
36A	0.17	Lr	LinStatic	-5.755E-03	9.058E-03	5.626E-04	1.609E-06	-9.474E-05
36A	0.34	Lr	LinStatic	-5.755E-03	9.058E-03	5.626E-04	1.609E-06	-1.904E-04
36A	0.	Le	LinStatic	-2.579E-03	4.059E-03	2.521E-04	7.208E-07	4.061E-07
36A	0.17	Le	LinStatic	-2.579E-03	4.059E-03	2.521E-04	7.208E-07	-4.245E-05
36A	0.34	Le	LinStatic	-2.579E-03	4.059E-03	2.521E-04	7.208E-07	-8.530E-05
36B	0.	DEAD	LinStatic	-0.601	0.014	-1.282E-04	2.250E-07	-4.362E-05
36B	0.17	DEAD	LinStatic	-0.599	0.014	-1.282E-04	2.250E-07	-2.182E-05
36B	0.34	DEAD	LinStatic	-0.597	0.014	-1.282E-04	2.250E-07	-1.413E-08
36B	0.	Lr	LinStatic	-0.608	0.014	-1.326E-04	3.319E-07	-4.503E-05
36B	0.17	Lr	LinStatic	-0.608	0.014	-1.326E-04	3.319E-07	-2.250E-05
36B	0.34	Lr	LinStatic	-0.608	0.014	-1.326E-04	3.319E-07	3.913E-08
36B	0.	Le	LinStatic	-0.272	6.093E-03	-5.940E-05	1.487E-07	-2.018E-05
36B	0.17	Le	LinStatic	-0.272	6.093E-03	-5.940E-05	1.487E-07	-1.008E-05
36B	0.34	Le	LinStatic	-0.272	6.093E-03	-5.940E-05	1.487E-07	1.753E-08
36C	0.	DEAD	LinStatic	1.359E-03	0.019	1.177E-03	6.374E-06	3.997E-05
36C	0.17	DEAD	LinStatic	3.489E-03	0.019	1.177E-03	6.374E-06	-1.601E-04
36C	0.34	DEAD	LinStatic	5.618E-03	0.019	1.177E-03	6.374E-06	-3.602E-04
36C	0.	Lr	LinStatic	-5.285E-03	0.019	1.162E-03	6.463E-06	3.848E-05
36C	0.17	Lr	LinStatic	-5.285E-03	0.019	1.162E-03	6.463E-06	-1.591E-04
36C	0.34	Lr	LinStatic	-5.285E-03	0.019	1.162E-03	6.463E-06	-3.567E-04
36C	0.	Le	LinStatic	-2.368E-03	8.530E-03	5.208E-04	2.896E-06	1.724E-05
36C	0.17	Le	LinStatic	-2.368E-03	8.530E-03	5.208E-04	2.896E-06	-7.130E-05
36C	0.34	Le	LinStatic	-2.368E-03	8.530E-03	5.208E-04	2.896E-06	-1.598E-04
36D	0.	DEAD	LinStatic	-0.605	0.023	2.461E-04	7.109E-06	8.895E-05
36D	0.17	DEAD	LinStatic	-0.603	0.023	2.461E-04	7.109E-06	4.712E-05
36D	0.34	DEAD	LinStatic	-0.601	0.023	2.461E-04	7.109E-06	5.281E-06
36D	0.	Lr	LinStatic	-0.612	0.023	2.343E-04	7.399E-06	8.522E-05
36D	0.17	Lr	LinStatic	-0.612	0.023	2.343E-04	7.399E-06	4.539E-05
36D	0.34	Lr	LinStatic	-0.612	0.023	2.343E-04	7.399E-06	5.552E-06
36D	0.	Le	LinStatic	-0.274	0.01	1.050E-04	3.315E-06	3.818E-05
36D	0.17	Le	LinStatic	-0.274	0.01	1.050E-04	3.315E-06	2.034E-05
36D	0.34	Le	LinStatic	-0.274	0.01	1.050E-04	3.315E-06	2.488E-06
36E	0.	DEAD	LinStatic	-3.885E-03	0.034	4.614E-03	2.252E-05	8.515E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
36E	0.17	DEAD	LinStatic	-1.756E-03	0.034	4.614E-03	2.252E-05	6.713E-05
36E	0.34	DEAD	LinStatic	3.739E-04	0.034	4.614E-03	2.252E-05	-7.172E-04
36E	0.	Lr	LinStatic	-0.011	0.034	4.672E-03	2.286E-05	8.729E-04
36E	0.17	Lr	LinStatic	-0.011	0.034	4.672E-03	2.286E-05	7.879E-05
36E	0.34	Lr	LinStatic	-0.011	0.034	4.672E-03	2.286E-05	-7.154E-04
36E	0.	Le	LinStatic	-4.768E-03	0.015	2.093E-03	1.024E-05	3.911E-04
36E	0.17	Le	LinStatic	-4.768E-03	0.015	2.093E-03	1.024E-05	3.530E-05
36E	0.34	Le	LinStatic	-4.768E-03	0.015	2.093E-03	1.024E-05	-3.205E-04
36F	0.	DEAD	LinStatic	-0.321	-2.731E-03	-1.823E-04	-2.255E-05	-1.674E-05
36F	0.26249	DEAD	LinStatic	-0.319	-1.014E-05	-1.823E-04	-2.255E-05	3.111E-05
36F	0.52498	DEAD	LinStatic	-0.316	2.710E-03	-1.823E-04	-2.255E-05	7.896E-05
36F	0.	Lr	LinStatic	-0.317	-1.300E-05	-1.826E-04	-2.171E-05	-1.754E-05
36F	0.26249	Lr	LinStatic	-0.317	-1.300E-05	-1.826E-04	-2.171E-05	3.040E-05
36F	0.52498	Lr	LinStatic	-0.317	-1.300E-05	-1.826E-04	-2.171E-05	7.834E-05
36F	0.	Le	LinStatic	-0.142	-5.826E-06	-8.183E-05	-9.729E-06	-7.859E-06
36F	0.26249	Le	LinStatic	-0.142	-5.826E-06	-8.183E-05	-9.729E-06	1.362E-05
36F	0.52498	Le	LinStatic	-0.142	-5.826E-06	-8.183E-05	-9.729E-06	3.510E-05
370	0.	DEAD	LinStatic	1.263	-2.583E-03	8.819E-05	1.142E-05	8.696E-06
370	0.26249	DEAD	LinStatic	1.265	1.377E-04	8.819E-05	1.142E-05	-1.445E-05
370	0.52498	DEAD	LinStatic	1.268	2.858E-03	8.819E-05	1.142E-05	-3.760E-05
370	0.	Lr	LinStatic	1.252	1.386E-04	7.816E-05	1.155E-05	5.463E-06
370	0.26249	Lr	LinStatic	1.252	1.386E-04	7.816E-05	1.155E-05	-1.505E-05
370	0.52498	Lr	LinStatic	1.252	1.386E-04	7.816E-05	1.155E-05	-3.557E-05
370	0.	Le	LinStatic	0.561	6.210E-05	3.502E-05	5.175E-06	2.448E-06
370	0.26249	Le	LinStatic	0.561	6.210E-05	3.502E-05	5.175E-06	-6.745E-06
370	0.52498	Le	LinStatic	0.561	6.210E-05	3.502E-05	5.175E-06	-1.594E-05
371	0.	DEAD	LinStatic	-2.225	-2.986E-03	-1.114E-03	-1.586E-05	-2.922E-04
371	0.26249	DEAD	LinStatic	-2.223	-2.654E-04	-1.114E-03	-1.586E-05	2.998E-07
371	0.52498	DEAD	LinStatic	-2.22	2.455E-03	-1.114E-03	-1.586E-05	2.928E-04
371	0.	Lr	LinStatic	-2.199	-2.650E-04	-1.105E-03	-1.511E-05	-2.902E-04
371	0.26249	Lr	LinStatic	-2.199	-2.650E-04	-1.105E-03	-1.511E-05	-8.473E-08
371	0.52498	Lr	LinStatic	-2.199	-2.650E-04	-1.105E-03	-1.511E-05	2.901E-04
371	0.	Le	LinStatic	-0.985	-1.187E-04	-4.953E-04	-6.770E-06	-1.300E-04
371	0.26249	Le	LinStatic	-0.985	-1.187E-04	-4.953E-04	-6.770E-06	-3.796E-08
371	0.52498	Le	LinStatic	-0.985	-1.187E-04	-4.953E-04	-6.770E-06	1.300E-04
372	0.	DEAD	LinStatic	3.167	-2.342E-03	1.340E-04	1.400E-05	-5.161E-06
372	0.26249	DEAD	LinStatic	3.17	3.781E-04	1.340E-04	1.400E-05	-4.032E-05
372	0.52498	DEAD	LinStatic	3.172	3.099E-03	1.340E-04	1.400E-05	-7.549E-05
372	0.	Lr	LinStatic	3.135	3.760E-04	1.240E-04	1.430E-05	-8.249E-06
372	0.26249	Lr	LinStatic	3.135	3.760E-04	1.240E-04	1.430E-05	-4.081E-05
372	0.52498	Lr	LinStatic	3.135	3.760E-04	1.240E-04	1.430E-05	-7.337E-05
372	0.	Le	LinStatic	1.404	1.684E-04	5.558E-05	6.407E-06	-3.696E-06
372	0.26249	Le	LinStatic	1.404	1.684E-04	5.558E-05	6.407E-06	-1.829E-05
372	0.52498	Le	LinStatic	1.404	1.684E-04	5.558E-05	6.407E-06	-3.287E-05
373	0.	DEAD	LinStatic	-4.128	-3.278E-03	-2.165E-03	-7.859E-06	-6.220E-04
373	0.26249	DEAD	LinStatic	-4.126	-5.575E-04	-2.165E-03	-7.859E-06	-5.378E-05
373	0.52498	DEAD	LinStatic	-4.123	2.163E-03	-2.165E-03	-7.859E-06	5.144E-04
373	0.	Lr	LinStatic	-4.08	-5.576E-04	-2.152E-03	-6.943E-06	-6.195E-04
373	0.26249	Lr	LinStatic	-4.08	-5.576E-04	-2.152E-03	-6.943E-06	-5.458E-05
373	0.52498	Lr	LinStatic	-4.08	-5.576E-04	-2.152E-03	-6.943E-06	5.103E-04
373	0.	Le	LinStatic	-1.828	-2.498E-04	-9.643E-04	-3.111E-06	-2.776E-04
373	0.26249	Le	LinStatic	-1.828	-2.498E-04	-9.643E-04	-3.111E-06	-2.445E-05
373	0.52498	Le	LinStatic	-1.828	-2.498E-04	-9.643E-04	-3.111E-06	2.287E-04
374	0.	DEAD	LinStatic	5.078	-2.560E-03	6.662E-04	1.221E-05	-9.429E-06

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
374	0.26249	DEAD	LinStatic	5.08	1.604E-04	6.662E-04	1.221E-05	-1.843E-04
374	0.52498	DEAD	LinStatic	5.082	2.881E-03	6.662E-04	1.221E-05	-3.592E-04
374	0.	Lr	LinStatic	5.02	1.599E-04	6.580E-04	1.273E-05	-1.517E-05
374	0.26249	Lr	LinStatic	5.02	1.599E-04	6.580E-04	1.273E-05	-1.879E-04
374	0.52498	Lr	LinStatic	5.02	1.599E-04	6.580E-04	1.273E-05	-3.606E-04
374	0.	Le	LinStatic	2.249	7.164E-05	2.948E-04	5.703E-06	-6.796E-06
374	0.26249	Le	LinStatic	2.249	7.164E-05	2.948E-04	5.703E-06	-8.419E-05
374	0.52498	Le	LinStatic	2.249	7.164E-05	2.948E-04	5.703E-06	-1.616E-04
3D1	0.	DEAD	LinStatic	-0.246	0.046	1.337E-03	5.980E-05	4.053E-04
3D1	0.17	DEAD	LinStatic	-0.243	0.046	1.337E-03	5.980E-05	1.779E-04
3D1	0.34	DEAD	LinStatic	-0.241	0.046	1.337E-03	5.980E-05	-4.941E-05
3D1	0.	Lr	LinStatic	-0.245	0.046	1.244E-03	6.126E-05	3.726E-04
3D1	0.17	Lr	LinStatic	-0.245	0.046	1.244E-03	6.126E-05	1.611E-04
3D1	0.34	Lr	LinStatic	-0.245	0.046	1.244E-03	6.126E-05	-5.042E-05
3D1	0.	Le	LinStatic	-0.11	0.021	5.574E-04	2.745E-05	1.669E-04
3D1	0.17	Le	LinStatic	-0.11	0.021	5.574E-04	2.745E-05	7.218E-05
3D1	0.34	Le	LinStatic	-0.11	0.021	5.574E-04	2.745E-05	-2.259E-05
3D2	0.	DEAD	LinStatic	-0.143	-0.024	8.157E-04	-1.398E-05	2.596E-04
3D2	0.17	DEAD	LinStatic	-0.141	-0.024	8.157E-04	-1.398E-05	1.209E-04
3D2	0.34	DEAD	LinStatic	-0.139	-0.024	8.157E-04	-1.398E-05	-1.776E-05
3D2	0.	Lr	LinStatic	-0.14	-0.024	8.083E-04	-1.412E-05	2.575E-04
3D2	0.17	Lr	LinStatic	-0.14	-0.024	8.083E-04	-1.412E-05	1.201E-04
3D2	0.34	Lr	LinStatic	-0.14	-0.024	8.083E-04	-1.412E-05	-1.734E-05
3D2	0.	Le	LinStatic	-0.063	-0.011	3.621E-04	-6.325E-06	1.154E-04
3D2	0.17	Le	LinStatic	-0.063	-0.011	3.621E-04	-6.325E-06	5.380E-05
3D2	0.34	Le	LinStatic	-0.063	-0.011	3.621E-04	-6.325E-06	-7.768E-06
3D3	0.	DEAD	LinStatic	-0.246	0.046	1.338E-03	5.936E-05	4.056E-04
3D3	0.17	DEAD	LinStatic	-0.243	0.046	1.338E-03	5.936E-05	1.781E-04
3D3	0.34	DEAD	LinStatic	-0.241	0.046	1.338E-03	5.936E-05	-4.940E-05
3D3	0.	Lr	LinStatic	-0.245	0.046	1.244E-03	6.124E-05	3.726E-04
3D3	0.17	Lr	LinStatic	-0.245	0.046	1.244E-03	6.124E-05	1.611E-04
3D3	0.34	Lr	LinStatic	-0.245	0.046	1.244E-03	6.124E-05	-5.040E-05
3D3	0.	Le	LinStatic	-0.11	0.021	5.574E-04	2.744E-05	1.669E-04
3D3	0.17	Le	LinStatic	-0.11	0.021	5.574E-04	2.744E-05	7.218E-05
3D3	0.34	Le	LinStatic	-0.11	0.021	5.574E-04	2.744E-05	-2.258E-05
3D4	0.	DEAD	LinStatic	-0.143	-0.024	8.180E-04	-1.413E-05	2.604E-04
3D4	0.17	DEAD	LinStatic	-0.141	-0.024	8.180E-04	-1.413E-05	1.213E-04
3D4	0.34	DEAD	LinStatic	-0.139	-0.024	8.180E-04	-1.413E-05	-1.773E-05
3D4	0.	Lr	LinStatic	-0.14	-0.024	8.019E-04	-1.400E-05	2.553E-04
3D4	0.17	Lr	LinStatic	-0.14	-0.024	8.019E-04	-1.400E-05	1.190E-04
3D4	0.34	Lr	LinStatic	-0.14	-0.024	8.019E-04	-1.400E-05	-1.730E-05
3D4	0.	Le	LinStatic	-0.063	-0.011	3.593E-04	-6.274E-06	1.144E-04
3D4	0.17	Le	LinStatic	-0.063	-0.011	3.593E-04	-6.274E-06	5.333E-05
3D4	0.34	Le	LinStatic	-0.063	-0.011	3.593E-04	-6.274E-06	-7.750E-06
3D5	0.	DEAD	LinStatic	0.	4.562E-03	-2.397E-03	-4.700E-06	-2.920E-04
3D5	0.277	DEAD	LinStatic	0.	8.032E-03	-2.397E-03	-4.700E-06	3.721E-04
3D5	0.	Lr	LinStatic	0.	6.210E-03	-2.352E-03	-4.519E-06	-3.234E-04
3D5	0.277	Lr	LinStatic	0.	6.210E-03	-2.352E-03	-4.519E-06	3.280E-04
3D5	0.	Le	LinStatic	0.	2.782E-03	-1.054E-03	-2.025E-06	-1.449E-04
3D5	0.277	Le	LinStatic	0.	2.782E-03	-1.054E-03	-2.025E-06	1.470E-04
3D6	0.	DEAD	LinStatic	1.909E-04	-5.268E-03	-0.01	-4.604E-06	-0.0014
3D6	0.277	DEAD	LinStatic	1.909E-04	-1.798E-03	-0.01	-4.604E-06	0.0015
3D6	0.	Lr	LinStatic	-4.302E-05	-3.474E-03	-0.01	-4.422E-06	-0.0014
3D6	0.277	Lr	LinStatic	-4.302E-05	-3.474E-03	-0.01	-4.422E-06	0.0014

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
3D6	0.	Le	LinStatic	-1.927E-05	-1.557E-03	-4.573E-03	-1.981E-06	-6.331E-04
3D6	0.277	Le	LinStatic	-1.927E-05	-1.557E-03	-4.573E-03	-1.981E-06	6.336E-04
3D7	0.	DEAD	LinStatic	-4.740E-04	-1.685E-03	-0.011	-4.270E-06	-0.0014
3D7	0.277	DEAD	LinStatic	-4.740E-04	1.785E-03	-0.011	-4.270E-06	0.0015
3D7	0.	Lr	LinStatic	-4.502E-04	3.524E-05	-0.011	-4.104E-06	-0.0015
3D7	0.277	Lr	LinStatic	-4.502E-04	3.524E-05	-0.011	-4.104E-06	0.0015
3D7	0.	Le	LinStatic	-2.017E-04	1.579E-05	-4.779E-03	-1.839E-06	-6.616E-04
3D7	0.277	Le	LinStatic	-2.017E-04	1.579E-05	-4.779E-03	-1.839E-06	6.621E-04
3D8	0.	DEAD	LinStatic	-5.728E-04	-2.343E-03	-6.827E-03	-3.727E-06	-9.073E-04
3D8	0.277	DEAD	LinStatic	-5.728E-04	1.127E-03	-6.827E-03	-3.727E-06	9.836E-04
3D8	0.	Lr	LinStatic	-5.743E-04	-5.911E-04	-6.746E-03	-3.526E-06	-9.338E-04
3D8	0.277	Lr	LinStatic	-5.743E-04	-5.911E-04	-6.746E-03	-3.526E-06	9.349E-04
3D8	0.	Le	LinStatic	-2.573E-04	-2.649E-04	-3.023E-03	-1.580E-06	-4.184E-04
3D8	0.277	Le	LinStatic	-2.573E-04	-2.649E-04	-3.023E-03	-1.580E-06	4.189E-04
3D9	0.	DEAD	LinStatic	-6.889E-04	-2.348E-03	-7.198E-03	-2.974E-06	-9.622E-04
3D9	0.277	DEAD	LinStatic	-6.889E-04	1.122E-03	-7.198E-03	-2.974E-06	0.001
3D9	0.	Lr	LinStatic	-6.657E-04	-6.047E-04	-7.118E-03	-2.819E-06	-9.913E-04
3D9	0.277	Lr	LinStatic	-6.657E-04	-6.047E-04	-7.118E-03	-2.819E-06	9.804E-04
3D9	0.	Le	LinStatic	-2.983E-04	-2.709E-04	-3.189E-03	-1.263E-06	-4.442E-04
3D9	0.277	Le	LinStatic	-2.983E-04	-2.709E-04	-3.189E-03	-1.263E-06	4.393E-04
3DA	0.	DEAD	LinStatic	-1.402E-03	-3.018E-03	-4.256E-03	-2.363E-06	-5.250E-04
3DA	0.277	DEAD	LinStatic	-1.402E-03	4.522E-04	-4.256E-03	-2.363E-06	6.539E-04
3DA	0.	Lr	LinStatic	-1.461E-03	-1.269E-03	-4.210E-03	-2.169E-06	-5.544E-04
3DA	0.277	Lr	LinStatic	-1.461E-03	-1.269E-03	-4.210E-03	-2.169E-06	6.118E-04
3DA	0.	Le	LinStatic	-6.544E-04	-5.686E-04	-1.886E-03	-9.717E-07	-2.484E-04
3DA	0.277	Le	LinStatic	-6.544E-04	-5.686E-04	-1.886E-03	-9.717E-07	2.741E-04
3DB	0.	DEAD	LinStatic	-1.616E-03	-2.198E-03	-1.145E-03	-8.475E-08	-1.508E-04
3DB	0.277	DEAD	LinStatic	-1.616E-03	1.272E-03	-1.145E-03	-8.475E-08	1.663E-04
3DB	0.	Lr	LinStatic	-1.527E-03	-4.568E-04	-1.129E-03	8.876E-08	-1.842E-04
3DB	0.277	Lr	LinStatic	-1.527E-03	-4.568E-04	-1.129E-03	8.876E-08	1.287E-04
3DB	0.	Le	LinStatic	-6.844E-04	-2.047E-04	-5.061E-04	3.977E-08	-8.254E-05
3DB	0.277	Le	LinStatic	-6.844E-04	-2.047E-04	-5.061E-04	3.977E-08	5.764E-05
3DC	0.	DEAD	LinStatic	-9.133E-04	-3.141E-03	1.354E-03	6.882E-07	2.331E-04
3DC	0.277	DEAD	LinStatic	-9.133E-04	3.288E-04	1.354E-03	6.882E-07	-1.418E-04
3DC	0.	Lr	LinStatic	-9.124E-04	-1.393E-03	1.341E-03	8.017E-07	1.909E-04
3DC	0.277	Lr	LinStatic	-9.124E-04	-1.393E-03	1.341E-03	8.017E-07	-1.807E-04
3DC	0.	Le	LinStatic	-4.088E-04	-6.239E-04	6.010E-04	3.592E-07	8.551E-05
3DC	0.277	Le	LinStatic	-4.088E-04	-6.239E-04	6.010E-04	3.592E-07	-8.096E-05
3DD	0.	DEAD	LinStatic	-8.836E-04	-1.748E-03	3.186E-03	1.681E-06	4.773E-04
3DD	0.277	DEAD	LinStatic	-8.836E-04	1.722E-03	3.186E-03	1.681E-06	-4.052E-04
3DD	0.	Lr	LinStatic	-8.722E-04	-1.372E-05	3.154E-03	1.820E-06	4.353E-04
3DD	0.277	Lr	LinStatic	-8.722E-04	-1.372E-05	3.154E-03	1.820E-06	-4.385E-04
3DD	0.	Le	LinStatic	-3.908E-04	-6.148E-06	1.413E-03	8.153E-07	1.950E-04
3DD	0.277	Le	LinStatic	-3.908E-04	-6.148E-06	1.413E-03	8.153E-07	-1.965E-04
3DE	0.	DEAD	LinStatic	-9.097E-04	-3.521E-03	5.917E-03	2.585E-06	8.589E-04
3DE	0.277	DEAD	LinStatic	-9.097E-04	-5.053E-05	5.917E-03	2.585E-06	-7.802E-04
3DE	0.	Lr	LinStatic	-9.038E-04	-1.778E-03	5.861E-03	2.671E-06	8.112E-04
3DE	0.277	Lr	LinStatic	-9.038E-04	-1.778E-03	5.861E-03	2.671E-06	-8.124E-04
3DE	0.	Le	LinStatic	-4.050E-04	-7.967E-04	2.626E-03	1.197E-06	3.634E-04
3DE	0.277	Le	LinStatic	-4.050E-04	-7.967E-04	2.626E-03	1.197E-06	-3.640E-04
3DF	0.	DEAD	LinStatic	-6.501E-04	-1.464E-03	6.376E-03	3.227E-06	9.209E-04
3DF	0.277	DEAD	LinStatic	-6.501E-04	2.006E-03	6.376E-03	3.227E-06	-8.453E-04
3DF	0.	Lr	LinStatic	-5.959E-04	2.532E-04	6.328E-03	3.353E-06	8.748E-04
3DF	0.277	Lr	LinStatic	-5.959E-04	2.532E-04	6.328E-03	3.353E-06	-8.782E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
3DF	0.	Le	LinStatic	-2.670E-04	1.134E-04	2.835E-03	1.502E-06	3.920E-04
3DF	0.277	Le	LinStatic	-2.670E-04	1.134E-04	2.835E-03	1.502E-06	-3.935E-04
3E0	0.	DEAD	LinStatic	-4.842E-04	-5.737E-03	0.013	7.526E-06	0.0018
3E0	0.00251	DEAD	LinStatic	-4.842E-04	-5.705E-03	0.013	7.526E-06	0.0018
3E0	0.00251	DEAD	LinStatic	-2.421E-04	-2.853E-03	6.284E-03	3.763E-06	8.796E-04
3E0	0.277	DEAD	LinStatic	-2.421E-04	5.859E-04	6.284E-03	3.763E-06	-8.455E-04
3E0	0.	Lr	LinStatic	-4.948E-04	-2.268E-03	0.012	7.812E-06	0.0017
3E0	0.00251	Lr	LinStatic	-4.948E-04	-2.268E-03	0.012	7.812E-06	0.0017
3E0	0.00251	Lr	LinStatic	-2.474E-04	-1.134E-03	6.245E-03	3.906E-06	8.425E-04
3E0	0.277	Lr	LinStatic	-2.474E-04	-1.134E-03	6.245E-03	3.906E-06	-8.718E-04
3E0	0.	Le	LinStatic	-2.217E-04	-1.016E-03	5.597E-03	3.500E-06	7.690E-04
3E0	0.00251	Le	LinStatic	-2.217E-04	-1.016E-03	5.597E-03	3.500E-06	7.550E-04
3E0	0.00251	Le	LinStatic	-1.109E-04	-5.080E-04	2.798E-03	1.750E-06	3.775E-04
3E0	0.277	Le	LinStatic	-1.109E-04	-5.080E-04	2.798E-03	1.750E-06	-3.906E-04
3E1	0.	DEAD	LinStatic	-2.421E-04	-2.853E-03	6.284E-03	3.763E-06	8.796E-04
3E1	0.27449	DEAD	LinStatic	-2.421E-04	5.859E-04	6.284E-03	3.763E-06	-8.455E-04
3E1	0.27449	DEAD	LinStatic	0.	-3.140E-05	0.	0.	0.
3E1	0.277	DEAD	LinStatic	0.	-7.042E-14	0.	0.	0.
3E1	0.	Lr	LinStatic	-2.474E-04	-1.134E-03	6.245E-03	3.906E-06	8.425E-04
3E1	0.27449	Lr	LinStatic	-2.474E-04	-1.134E-03	6.245E-03	3.906E-06	-8.718E-04
3E1	0.27449	Lr	LinStatic	0.	-1.819E-12	-9.095E-13	0.	0.
3E1	0.277	Lr	LinStatic	0.	-1.819E-12	-9.095E-13	0.	2.280E-15
3E1	0.	Le	LinStatic	-1.109E-04	-5.080E-04	2.798E-03	1.750E-06	3.775E-04
3E1	0.27449	Le	LinStatic	-1.109E-04	-5.080E-04	2.798E-03	1.750E-06	-3.906E-04
3E1	0.27449	Le	LinStatic	0.	1.819E-12	-2.274E-13	0.	-4.441E-16
3E1	0.277	Le	LinStatic	0.	1.819E-12	-2.274E-13	0.	1.259E-16
3E2	0.	DEAD	LinStatic	-3.113E-04	4.388E-03	0.011	3.932E-06	0.0015
3E2	0.277	DEAD	LinStatic	-3.113E-04	7.858E-03	0.011	3.932E-06	-0.0014
3E2	0.	Lr	LinStatic	-2.684E-04	6.265E-03	0.011	4.035E-06	0.0015
3E2	0.277	Lr	LinStatic	-2.684E-04	6.265E-03	0.011	4.035E-06	-0.0015
3E2	0.	Le	LinStatic	-1.203E-04	2.807E-03	4.778E-03	1.808E-06	6.614E-04
3E2	0.277	Le	LinStatic	-1.203E-04	2.807E-03	4.778E-03	1.808E-06	-6.622E-04
3E3	0.	DEAD	LinStatic	7.028E-05	-2.473E-03	3.039E-03	3.888E-06	4.545E-04
3E3	0.277	DEAD	LinStatic	7.028E-05	9.968E-04	3.039E-03	3.888E-06	-3.872E-04
3E3	0.	Lr	LinStatic	-9.204E-05	-9.148E-04	2.725E-03	3.976E-06	3.780E-04
3E3	0.277	Lr	LinStatic	-9.204E-05	-9.148E-04	2.725E-03	3.976E-06	-3.769E-04
3E3	0.	Le	LinStatic	-4.124E-05	-4.099E-04	1.221E-03	1.782E-06	1.694E-04
3E3	0.277	Le	LinStatic	-4.124E-05	-4.099E-04	1.221E-03	1.782E-06	-1.689E-04
3E4	0.	DEAD	LinStatic	-4.627	6.354E-03	-4.618E-03	-1.151E-04	-6.551E-04
3E4	0.19807	DEAD	LinStatic	-4.625	7.737E-03	-4.618E-03	-1.151E-04	2.595E-04
3E4	0.39613	DEAD	LinStatic	-4.622	9.119E-03	-4.618E-03	-1.151E-04	0.0012
3E4	0.	Lr	LinStatic	-4.57	7.679E-03	-4.588E-03	-1.132E-04	-6.483E-04
3E4	0.19807	Lr	LinStatic	-4.57	7.679E-03	-4.588E-03	-1.132E-04	2.605E-04
3E4	0.39613	Lr	LinStatic	-4.57	7.679E-03	-4.588E-03	-1.132E-04	0.0012
3E4	0.	Le	LinStatic	-2.048	3.441E-03	-2.056E-03	-5.074E-05	-2.905E-04
3E4	0.19807	Le	LinStatic	-2.048	3.441E-03	-2.056E-03	-5.074E-05	1.167E-04
3E4	0.39613	Le	LinStatic	-2.048	3.441E-03	-2.056E-03	-5.074E-05	5.239E-04
3E5	0.	DEAD	LinStatic	-4.641	6.372E-03	-4.642E-03	-1.140E-04	-6.612E-04
3E5	0.19807	DEAD	LinStatic	-4.639	7.755E-03	-4.642E-03	-1.140E-04	2.582E-04
3E5	0.39613	DEAD	LinStatic	-4.637	9.137E-03	-4.642E-03	-1.140E-04	0.0012
3E5	0.	Lr	LinStatic	-4.585	7.686E-03	-4.592E-03	-1.137E-04	-6.489E-04
3E5	0.19807	Lr	LinStatic	-4.585	7.686E-03	-4.592E-03	-1.137E-04	2.607E-04
3E5	0.39613	Lr	LinStatic	-4.585	7.686E-03	-4.592E-03	-1.137E-04	0.0012
3E5	0.	Le	LinStatic	-2.054	3.444E-03	-2.058E-03	-5.096E-05	-2.907E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
3E5	0.19807	Le	LinStatic	-2.054	3.444E-03	-2.058E-03	-5.096E-05	1.168E-04
3E5	0.39613	Le	LinStatic	-2.054	3.444E-03	-2.058E-03	-5.096E-05	5.244E-04
3E6	0.	DEAD	LinStatic	-5.465	-3.247E-03	-3.045E-03	1.220E-04	-8.305E-04
3E6	0.23926	DEAD	LinStatic	-5.463	-9.571E-04	-3.045E-03	1.220E-04	-1.019E-04
3E6	0.47852	DEAD	LinStatic	-5.46	1.333E-03	-3.045E-03	1.220E-04	6.267E-04
3E6	0.	Lr	LinStatic	-5.399	-1.097E-03	-3.021E-03	1.261E-04	-8.255E-04
3E6	0.23926	Lr	LinStatic	-5.399	-1.097E-03	-3.021E-03	1.261E-04	-1.026E-04
3E6	0.47852	Lr	LinStatic	-5.399	-1.097E-03	-3.021E-03	1.261E-04	6.203E-04
3E6	0.	Le	LinStatic	-2.419	-4.917E-04	-1.354E-03	5.650E-05	-3.699E-04
3E6	0.23926	Le	LinStatic	-2.419	-4.917E-04	-1.354E-03	5.650E-05	-4.597E-05
3E6	0.47852	Le	LinStatic	-2.419	-4.917E-04	-1.354E-03	5.650E-05	2.779E-04
3E7	0.	DEAD	LinStatic	-5.463	-3.263E-03	-3.064E-03	1.242E-04	-8.365E-04
3E7	0.23926	DEAD	LinStatic	-5.461	-9.731E-04	-3.064E-03	1.242E-04	-1.035E-04
3E7	0.47852	DEAD	LinStatic	-5.458	1.317E-03	-3.064E-03	1.242E-04	6.295E-04
3E7	0.	Lr	LinStatic	-5.396	-1.105E-03	-3.017E-03	1.263E-04	-8.244E-04
3E7	0.23926	Lr	LinStatic	-5.396	-1.105E-03	-3.017E-03	1.263E-04	-1.025E-04
3E7	0.47852	Lr	LinStatic	-5.396	-1.105E-03	-3.017E-03	1.263E-04	6.194E-04
3E7	0.	Le	LinStatic	-2.418	-4.949E-04	-1.352E-03	5.659E-05	-3.694E-04
3E7	0.23926	Le	LinStatic	-2.418	-4.949E-04	-1.352E-03	5.659E-05	-4.593E-05
3E7	0.47852	Le	LinStatic	-2.418	-4.949E-04	-1.352E-03	5.659E-05	2.775E-04

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
1	0.	DEAD	-0.0046	1-1	0.
1	0.20327	DEAD	-0.0077	1-1	0.20327
1	0.	Lr	-0.0046	1-1	0.
1	0.20327	Lr	-0.008	1-1	0.20327
1	0.	Le	-0.002	1-1	0.
1	0.20327	Le	-0.0036	1-1	0.20327
2	0.	DEAD	-0.0194	2-1	0.
2	0.4	DEAD	-0.0159	2-1	0.4
2	0.	Lr	-0.0197	2-1	0.
2	0.4	Lr	-0.0164	2-1	0.4
2	0.	Le	-0.0088	2-1	0.
2	0.4	Le	-0.0073	2-1	0.4
3	0.	DEAD	-0.0198	3-1	0.
3	0.4	DEAD	-0.0149	3-1	0.4
3	0.	Lr	-0.0201	3-1	0.
3	0.4	Lr	-0.0153	3-1	0.4
3	0.	Le	-0.009	3-1	0.
3	0.4	Le	-0.0069	3-1	0.4
4	0.	DEAD	-0.0186	4-1	0.
4	0.4	DEAD	-0.0139	4-1	0.4
4	0.	Lr	-0.0189	4-1	0.
4	0.4	Lr	-0.0144	4-1	0.4
4	0.	Le	-0.0085	4-1	0.
4	0.4	Le	-0.0064	4-1	0.4
5	0.	DEAD	-0.0166	5-1	0.
5	0.4	DEAD	-0.0143	5-1	0.4
5	0.	Lr	-0.017	5-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
5	0.4	Lr	-0.0147	5-1	0.4
5	0.	Le	-0.0076	5-1	0.
5	0.4	Le	-0.0066	5-1	0.4
6	0.	DEAD	-0.0161	6-1	0.
6	0.4	DEAD	-0.0137	6-1	0.4
6	0.	Lr	-0.0166	6-1	0.
6	0.4	Lr	-0.0142	6-1	0.4
6	0.	Le	-0.0074	6-1	0.
6	0.4	Le	-0.0064	6-1	0.4
7	0.	DEAD	-0.0147	7-1	0.
7	0.4	DEAD	-0.0146	7-1	0.4
7	0.	Lr	-0.0152	7-1	0.
7	0.4	Lr	-0.0151	7-1	0.4
7	0.	Le	-0.0068	7-1	0.
7	0.4	Le	-0.0068	7-1	0.4
8	0.	DEAD	-0.0147	8-1	0.
8	0.4	DEAD	-0.0145	8-1	0.4
8	0.	Lr	-0.0152	8-1	0.
8	0.4	Lr	-0.0149	8-1	0.4
8	0.	Le	-0.0068	8-1	0.
8	0.4	Le	-0.0067	8-1	0.4
9	0.	DEAD	-0.0138	9-1	0.
9	0.4	DEAD	-0.0159	9-1	0.4
9	0.	Lr	-0.0142	9-1	0.
9	0.4	Lr	-0.0163	9-1	0.4
9	0.	Le	-0.0064	9-1	0.
9	0.4	Le	-0.0073	9-1	0.4
10	0.	DEAD	-0.0142	10-1	0.
10	0.4	DEAD	-0.0163	10-1	0.4
10	0.	Lr	-0.0147	10-1	0.
10	0.4	Lr	-0.0167	10-1	0.4
10	0.	Le	-0.0066	10-1	0.
10	0.4	Le	-0.0075	10-1	0.4
11	0.	DEAD	-0.0139	11-1	0.
11	0.4	DEAD	-0.0181	11-1	0.4
11	0.	Lr	-0.0143	11-1	0.
11	0.4	Lr	-0.0185	11-1	0.4
11	0.	Le	-0.0064	11-1	0.
11	0.4	Le	-0.0083	11-1	0.4
12	0.	DEAD	-0.0147	12-1	0.
12	0.4	DEAD	-0.0191	12-1	0.4
12	0.	Lr	-0.0151	12-1	0.
12	0.4	Lr	-0.0195	12-1	0.4
12	0.	Le	-0.0068	12-1	0.
12	0.4	Le	-0.0087	12-1	0.4
13	0.	DEAD	-0.0152	13-1	0.
13	0.4	DEAD	-0.0209	13-1	0.4
13	0.	Lr	-0.0156	13-1	0.
13	0.4	Lr	-0.0212	13-1	0.4
13	0.	Le	-0.007	13-1	0.
13	0.4	Le	-0.0095	13-1	0.4
14	0.	DEAD	-0.0146	14-1	0.
14	0.33673	DEAD	-0.01	14-1	0.33673
14	0.	Lr	-0.015	14-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
14	0.33673	Lr	-0.01	14-1	0.33673
14	0.	Le	-0.0067	14-1	0.
14	0.33673	Le	-0.0045	14-1	0.33673
16	0.	DEAD	-0.0048	16-1	0.
16	0.20327	DEAD	0.0045	16-1	0.20327
16	0.	Lr	-0.0048	16-1	0.
16	0.20327	Lr	0.0046	16-1	0.20327
16	0.	Le	-0.0021	16-1	0.
16	0.20327	Le	0.002	16-1	0.20327
17	0.	DEAD	-0.002	17-1	0.
17	0.4	DEAD	0.0048	17-1	0.4
17	0.	Lr	-0.0018	17-1	0.
17	0.4	Lr	0.005	17-1	0.4
17	0.	Le	-8.227E-04	17-1	0.
17	0.4	Le	0.0022	17-1	0.4
18	0.	DEAD	3.082E-04	18-1	0.
18	0.4	DEAD	0.0052	18-1	0.4
18	0.	Lr	4.714E-04	18-1	0.
18	0.4	Lr	0.0053	18-1	0.4
18	0.	Le	2.112E-04	18-1	0.
18	0.4	Le	0.0024	18-1	0.4
19	0.	DEAD	0.0018	19-1	0.
19	0.4	DEAD	0.0058	19-1	0.4
19	0.	Lr	0.0019	19-1	0.
19	0.4	Lr	0.0059	19-1	0.4
19	0.	Le	8.461E-04	19-1	0.
19	0.4	Le	0.0027	19-1	0.4
20	0.	DEAD	0.0031	20-1	0.
20	0.4	DEAD	0.006	20-1	0.4
20	0.	Lr	0.0033	20-1	0.
20	0.4	Lr	0.0061	20-1	0.4
20	0.	Le	0.0015	20-1	0.
20	0.4	Le	0.0027	20-1	0.4
21	0.	DEAD	0.0042	21-1	0.
21	0.4	DEAD	0.006	21-1	0.4
21	0.	Lr	0.0043	21-1	0.
21	0.4	Lr	0.0062	21-1	0.4
21	0.	Le	0.0019	21-1	0.
21	0.4	Le	0.0028	21-1	0.4
22	0.	DEAD	0.0049	22-1	0.
22	0.4	DEAD	0.0057	22-1	0.4
22	0.	Lr	0.005	22-1	0.
22	0.4	Lr	0.0058	22-1	0.4
22	0.	Le	0.0023	22-1	0.
22	0.4	Le	0.0026	22-1	0.4
23	0.	DEAD	0.0056	23-1	0.
23	0.4	DEAD	0.0052	23-1	0.4
23	0.	Lr	0.0056	23-1	0.
23	0.4	Lr	0.0054	23-1	0.4
23	0.	Le	0.0025	23-1	0.
23	0.4	Le	0.0024	23-1	0.4
24	0.	DEAD	0.0059	24-1	0.
24	0.4	DEAD	0.0045	24-1	0.4
24	0.	Lr	0.006	24-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
24	0.4	Lr	0.0046	24-1	0.4
24	0.	Le	0.0027	24-1	0.
24	0.4	Le	0.0021	24-1	0.4
25	0.	DEAD	0.006	25-1	0.
25	0.4	DEAD	0.0035	25-1	0.4
25	0.	Lr	0.0061	25-1	0.
25	0.4	Lr	0.0036	25-1	0.4
25	0.	Le	0.0027	25-1	0.
25	0.4	Le	0.0016	25-1	0.4
26	0.	DEAD	0.0058	26-1	0.
26	0.4	DEAD	0.0024	26-1	0.4
26	0.	Lr	0.0059	26-1	0.
26	0.4	Lr	0.0025	26-1	0.4
26	0.	Le	0.0026	26-1	0.
26	0.4	Le	0.0011	26-1	0.4
27	0.	DEAD	0.0055	27-1	0.
27	0.4	DEAD	7.509E-04	27-1	0.4
27	0.	Lr	0.0056	27-1	0.
27	0.4	Lr	9.164E-04	27-1	0.4
27	0.	Le	0.0025	27-1	0.
27	0.4	Le	4.106E-04	27-1	0.4
28	0.	DEAD	0.0046	28-1	0.
28	0.4	DEAD	-7.096E-04	28-1	0.4
28	0.	Lr	0.0047	28-1	0.
28	0.4	Lr	-5.351E-04	28-1	0.4
28	0.	Le	0.0021	28-1	0.
28	0.4	Le	-2.397E-04	28-1	0.4
29	0.	DEAD	0.0048	29-1	0.
29	0.33673	DEAD	-0.0053	29-1	0.33673
29	0.	Lr	0.005	29-1	0.
29	0.33673	Lr	-0.0053	29-1	0.33673
29	0.	Le	0.0022	29-1	0.
29	0.33673	Le	-0.0024	29-1	0.33673
30	0.	DEAD	-0.0046	30-1	0.
30	0.20327	DEAD	-0.0077	30-1	0.20327
30	0.	Lr	-0.0046	30-1	0.
30	0.20327	Lr	-0.0079	30-1	0.20327
30	0.	Le	-0.002	30-1	0.
30	0.20327	Le	-0.0036	30-1	0.20327
31	0.	DEAD	-0.0194	31-1	0.
31	0.4	DEAD	-0.0159	31-1	0.4
31	0.	Lr	-0.0197	31-1	0.
31	0.4	Lr	-0.0164	31-1	0.4
31	0.	Le	-0.0088	31-1	0.
31	0.4	Le	-0.0073	31-1	0.4
32	0.	DEAD	-0.0198	32-1	0.
32	0.4	DEAD	-0.0148	32-1	0.4
32	0.	Lr	-0.0201	32-1	0.
32	0.4	Lr	-0.0153	32-1	0.4
32	0.	Le	-0.009	32-1	0.
32	0.4	Le	-0.0068	32-1	0.4
33	0.	DEAD	-0.0185	33-1	0.
33	0.4	DEAD	-0.0139	33-1	0.4
33	0.	Lr	-0.0189	33-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33	0.4	Lr	-0.0144	33-1	0.4
33	0.	Le	-0.0085	33-1	0.
33	0.4	Le	-0.0064	33-1	0.4
34	0.	DEAD	-0.0166	34-1	0.
34	0.4	DEAD	-0.0142	34-1	0.4
34	0.	Lr	-0.017	34-1	0.
34	0.4	Lr	-0.0147	34-1	0.4
34	0.	Le	-0.0076	34-1	0.
34	0.4	Le	-0.0066	34-1	0.4
35	0.	DEAD	-0.0161	35-1	0.
35	0.4	DEAD	-0.0137	35-1	0.4
35	0.	Lr	-0.0165	35-1	0.
35	0.4	Lr	-0.0142	35-1	0.4
35	0.	Le	-0.0074	35-1	0.
35	0.4	Le	-0.0064	35-1	0.4
36	0.	DEAD	-0.0147	36-1	0.
36	0.4	DEAD	-0.0146	36-1	0.4
36	0.	Lr	-0.0152	36-1	0.
36	0.4	Lr	-0.015	36-1	0.4
36	0.	Le	-0.0068	36-1	0.
36	0.4	Le	-0.0067	36-1	0.4
37	0.	DEAD	-0.0147	37-1	0.
37	0.4	DEAD	-0.0145	37-1	0.4
37	0.	Lr	-0.0151	37-1	0.
37	0.4	Lr	-0.0149	37-1	0.4
37	0.	Le	-0.0068	37-1	0.
37	0.4	Le	-0.0067	37-1	0.4
38	0.	DEAD	-0.0138	38-1	0.
38	0.4	DEAD	-0.0158	38-1	0.4
38	0.	Lr	-0.0142	38-1	0.
38	0.4	Lr	-0.0162	38-1	0.4
38	0.	Le	-0.0064	38-1	0.
38	0.4	Le	-0.0073	38-1	0.4
39	0.	DEAD	-0.0142	39-1	0.
39	0.4	DEAD	-0.0163	39-1	0.4
39	0.	Lr	-0.0146	39-1	0.
39	0.4	Lr	-0.0167	39-1	0.4
39	0.	Le	-0.0065	39-1	0.
39	0.4	Le	-0.0075	39-1	0.4
40	0.	DEAD	-0.0139	40-1	0.
40	0.4	DEAD	-0.0181	40-1	0.4
40	0.	Lr	-0.0143	40-1	0.
40	0.4	Lr	-0.0185	40-1	0.4
40	0.	Le	-0.0064	40-1	0.
40	0.4	Le	-0.0083	40-1	0.4
41	0.	DEAD	-0.0147	41-1	0.
41	0.4	DEAD	-0.0191	41-1	0.4
41	0.	Lr	-0.0151	41-1	0.
41	0.4	Lr	-0.0195	41-1	0.4
41	0.	Le	-0.0068	41-1	0.
41	0.4	Le	-0.0087	41-1	0.4
42	0.	DEAD	-0.0152	42-1	0.
42	0.4	DEAD	-0.0209	42-1	0.4
42	0.	Lr	-0.0156	42-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
42	0.4	Lr	-0.0212	42-1	0.4
42	0.	Le	-0.007	42-1	0.
42	0.4	Le	-0.0095	42-1	0.4
43	0.	DEAD	-0.0146	43-1	0.
43	0.33673	DEAD	-0.01	43-1	0.33673
43	0.	Lr	-0.015	43-1	0.
43	0.33673	Lr	-0.01	43-1	0.33673
43	0.	Le	-0.0067	43-1	0.
43	0.33673	Le	-0.0045	43-1	0.33673
44	0.	DEAD	-0.0048	44-1	0.
44	0.20327	DEAD	0.0045	44-1	0.20327
44	0.	Lr	-0.0048	44-1	0.
44	0.20327	Lr	0.0046	44-1	0.20327
44	0.	Le	-0.0021	44-1	0.
44	0.20327	Le	0.0021	44-1	0.20327
45	0.	DEAD	-0.002	45-1	0.
45	0.4	DEAD	0.0048	45-1	0.4
45	0.	Lr	-0.0018	45-1	0.
45	0.4	Lr	0.005	45-1	0.4
45	0.	Le	-8.133E-04	45-1	0.
45	0.4	Le	0.0022	45-1	0.4
46	0.	DEAD	2.825E-04	46-1	0.
46	0.4	DEAD	0.0052	46-1	0.4
46	0.	Lr	4.539E-04	46-1	0.
46	0.4	Lr	0.0053	46-1	0.4
46	0.	Le	2.034E-04	46-1	0.
46	0.4	Le	0.0024	46-1	0.4
47	0.	DEAD	0.0018	47-1	0.
47	0.4	DEAD	0.0059	47-1	0.4
47	0.	Lr	0.0019	47-1	0.
47	0.4	Lr	0.006	47-1	0.4
47	0.	Le	8.624E-04	47-1	0.
47	0.4	Le	0.0027	47-1	0.4
48	0.	DEAD	0.0031	48-1	0.
48	0.4	DEAD	0.006	48-1	0.4
48	0.	Lr	0.0033	48-1	0.
48	0.4	Lr	0.0061	48-1	0.4
48	0.	Le	0.0015	48-1	0.
48	0.4	Le	0.0027	48-1	0.4
49	0.	DEAD	0.0042	49-1	0.
49	0.4	DEAD	0.0061	49-1	0.4
49	0.	Lr	0.0043	49-1	0.
49	0.4	Lr	0.0062	49-1	0.4
49	0.	Le	0.0019	49-1	0.
49	0.4	Le	0.0028	49-1	0.4
50	0.	DEAD	0.005	50-1	0.
50	0.4	DEAD	0.0057	50-1	0.4
50	0.	Lr	0.0051	50-1	0.
50	0.4	Lr	0.0058	50-1	0.4
50	0.	Le	0.0023	50-1	0.
50	0.4	Le	0.0026	50-1	0.4
51	0.	DEAD	0.0055	51-1	0.
51	0.4	DEAD	0.0053	51-1	0.4
51	0.	Lr	0.0056	51-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
51	0.4	Lr	0.0054	51-1	0.4
51	0.	Le	0.0025	51-1	0.
51	0.4	Le	0.0024	51-1	0.4
52	0.	DEAD	0.0059	52-1	0.
52	0.4	DEAD	0.0046	52-1	0.4
52	0.	Lr	0.006	52-1	0.
52	0.4	Lr	0.0047	52-1	0.4
52	0.	Le	0.0027	52-1	0.
52	0.4	Le	0.0021	52-1	0.4
53	0.	DEAD	0.0061	53-1	0.
53	0.4	DEAD	0.0035	53-1	0.4
53	0.	Lr	0.0062	53-1	0.
53	0.4	Lr	0.0036	53-1	0.4
53	0.	Le	0.0028	53-1	0.
53	0.4	Le	0.0016	53-1	0.4
54	0.	DEAD	0.0058	54-1	0.
54	0.4	DEAD	0.0024	54-1	0.4
54	0.	Lr	0.0059	54-1	0.
54	0.4	Lr	0.0026	54-1	0.4
54	0.	Le	0.0026	54-1	0.
54	0.4	Le	0.0012	54-1	0.4
55	0.	DEAD	0.0056	55-1	0.
55	0.4	DEAD	7.465E-04	55-1	0.4
55	0.	Lr	0.0057	55-1	0.
55	0.4	Lr	8.985E-04	55-1	0.4
55	0.	Le	0.0025	55-1	0.
55	0.4	Le	4.026E-04	55-1	0.4
56	0.	DEAD	0.0047	56-1	0.
56	0.4	DEAD	-7.209E-04	56-1	0.4
56	0.	Lr	0.0048	56-1	0.
56	0.4	Lr	-5.518E-04	56-1	0.4
56	0.	Le	0.0021	56-1	0.
56	0.4	Le	-2.472E-04	56-1	0.4
57	0.	DEAD	0.0048	57-1	0.
57	0.33673	DEAD	-0.0053	57-1	0.33673
57	0.	Lr	0.005	57-1	0.
57	0.33673	Lr	-0.0053	57-1	0.33673
57	0.	Le	0.0022	57-1	0.
57	0.33673	Le	-0.0024	57-1	0.33673
306	0.	DEAD	-0.0065	306-1	0.
306	0.17	DEAD	0.0012	306-1	0.17
306	0.34	DEAD	0.0089	306-1	0.34
306	0.	Lr	-0.0064	306-1	0.
306	0.17	Lr	0.0012	306-1	0.17
306	0.34	Lr	0.0088	306-1	0.34
306	0.	Le	-0.0029	306-1	0.
306	0.17	Le	5.475E-04	306-1	0.17
306	0.34	Le	0.004	306-1	0.34
307	0.	DEAD	-0.0042	307-1	0.
307	0.17	DEAD	-1.871E-04	307-1	0.17
307	0.34	DEAD	0.0038	307-1	0.34
307	0.	Lr	-0.0042	307-1	0.
307	0.17	Lr	-1.874E-04	307-1	0.17
307	0.34	Lr	0.0038	307-1	0.34

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
307	0.	Le	-0.0019	307-1	0.
307	0.17	Le	-8.397E-05	307-1	0.17
307	0.34	Le	0.0017	307-1	0.34
308	0.	DEAD	-0.0034	308-1	0.
308	0.17	DEAD	1.296E-04	308-1	0.17
308	0.34	DEAD	0.0037	308-1	0.34
308	0.	Lr	-0.0034	308-1	0.
308	0.17	Lr	1.314E-04	308-1	0.17
308	0.34	Lr	0.0037	308-1	0.34
308	0.	Le	-0.0015	308-1	0.
308	0.17	Le	5.886E-05	308-1	0.17
308	0.34	Le	0.0016	308-1	0.34
309	0.	DEAD	-0.0028	309-1	0.
309	0.17	DEAD	-7.823E-05	309-1	0.17
309	0.34	DEAD	0.0026	309-1	0.34
309	0.	Lr	-0.0028	309-1	0.
309	0.17	Lr	-7.628E-05	309-1	0.17
309	0.34	Lr	0.0026	309-1	0.34
309	0.	Le	-0.0012	309-1	0.
309	0.17	Le	-3.418E-05	309-1	0.17
309	0.34	Le	0.0012	309-1	0.34
30A	0.	DEAD	-0.0018	30A-1	0.
30A	0.17	DEAD	2.502E-05	30A-1	0.17
30A	0.34	DEAD	0.0019	30A-1	0.34
30A	0.	Lr	-0.0018	30A-1	0.
30A	0.17	Lr	2.702E-05	30A-1	0.17
30A	0.34	Lr	0.0018	30A-1	0.34
30A	0.	Le	-7.970E-04	30A-1	0.
30A	0.17	Le	1.211E-05	30A-1	0.17
30A	0.34	Le	8.212E-04	30A-1	0.34
30B	0.	DEAD	-0.0011	30B-1	0.
30B	0.17	DEAD	-5.409E-05	30B-1	0.17
30B	0.34	DEAD	9.962E-04	30B-1	0.34
30B	0.	Lr	-0.0011	30B-1	0.
30B	0.17	Lr	-5.427E-05	30B-1	0.17
30B	0.34	Lr	9.847E-04	30B-1	0.34
30B	0.	Le	-4.898E-04	30B-1	0.
30B	0.17	Le	-2.432E-05	30B-1	0.17
30B	0.34	Le	4.412E-04	30B-1	0.34
30C	0.	DEAD	-1.319E-04	30C-1	0.
30C	0.17	DEAD	-1.613E-05	30C-1	0.17
30C	0.34	DEAD	9.968E-05	30C-1	0.34
30C	0.	Lr	-1.224E-04	30C-1	0.
30C	0.17	Lr	-1.341E-05	30C-1	0.17
30C	0.34	Lr	9.561E-05	30C-1	0.34
30C	0.	Le	-5.486E-05	30C-1	0.
30C	0.17	Le	-6.010E-06	30C-1	0.17
30C	0.34	Le	4.284E-05	30C-1	0.34
30D	0.	DEAD	-1.032E-04	30D-1	0.
30D	0.26249	DEAD	6.845E-04	30D-1	0.26249
30D	0.52498	DEAD	7.581E-04	30D-1	0.52498
30D	0.	Lr	1.245E-04	30D-1	0.
30D	0.26249	Lr	5.638E-04	30D-1	0.26249
30D	0.52498	Lr	0.001	30D-1	0.52498

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30D	0.	Le	5.579E-05	30D-1	0.
30D	0.26249	Le	2.526E-04	30D-1	0.26249
30D	0.52498	Le	4.495E-04	30D-1	0.52498
30E	0.	DEAD	2.045E-04	30E-1	0.
30E	0.26249	DEAD	7.108E-04	30E-1	0.26249
30E	0.52498	DEAD	5.031E-04	30E-1	0.52498
30E	0.	Lr	4.372E-04	30E-1	0.
30E	0.26249	Lr	5.848E-04	30E-1	0.26249
30E	0.52498	Lr	7.324E-04	30E-1	0.52498
30E	0.	Le	1.959E-04	30E-1	0.
30E	0.26249	Le	2.620E-04	30E-1	0.26249
30E	0.52498	Le	3.281E-04	30E-1	0.52498
30F	0.	DEAD	6.970E-04	30F-1	0.
30F	0.26249	DEAD	9.475E-04	30F-1	0.26249
30F	0.52498	DEAD	4.838E-04	30F-1	0.52498
30F	0.	Lr	9.255E-04	30F-1	0.
30F	0.26249	Lr	8.196E-04	30F-1	0.26249
30F	0.52498	Lr	7.137E-04	30F-1	0.52498
30F	0.	Le	4.147E-04	30F-1	0.
30F	0.26249	Le	3.672E-04	30F-1	0.26249
30F	0.52498	Le	3.198E-04	30F-1	0.52498
310	0.	DEAD	6.288E-04	310-1	0.
310	0.26249	DEAD	0.0011	310-1	0.26249
310	0.52498	DEAD	8.284E-04	310-1	0.52498
310	0.	Lr	8.558E-04	310-1	0.
310	0.26249	Lr	9.553E-04	310-1	0.26249
310	0.52498	Lr	0.0011	310-1	0.52498
310	0.	Le	3.835E-04	310-1	0.
310	0.26249	Le	4.280E-04	310-1	0.26249
310	0.52498	Le	4.726E-04	310-1	0.52498
311	0.	DEAD	8.796E-04	311-1	0.
311	0.26249	DEAD	0.0012	311-1	0.26249
311	0.52498	DEAD	8.095E-04	311-1	0.52498
311	0.	Lr	0.0011	311-1	0.
311	0.26249	Lr	0.0011	311-1	0.26249
311	0.52498	Lr	0.001	311-1	0.52498
311	0.	Le	4.950E-04	311-1	0.
311	0.26249	Le	4.796E-04	311-1	0.26249
311	0.52498	Le	4.643E-04	311-1	0.52498
312	0.	DEAD	8.858E-04	312-1	0.
312	0.26249	DEAD	0.0013	312-1	0.26249
312	0.52498	DEAD	9.245E-04	312-1	0.52498
312	0.	Lr	0.0011	312-1	0.
312	0.26249	Lr	0.0011	312-1	0.26249
312	0.52498	Lr	0.0011	312-1	0.52498
312	0.	Le	4.982E-04	312-1	0.
312	0.26249	Le	5.065E-04	312-1	0.26249
312	0.52498	Le	5.148E-04	312-1	0.52498
343	0.	DEAD	6.104E-04	343-1	0.
343	0.17	DEAD	-4.528E-05	343-1	0.17
343	0.34	DEAD	-7.010E-04	343-1	0.34
343	0.	Lr	6.085E-04	343-1	0.
343	0.17	Lr	-4.378E-05	343-1	0.17
343	0.34	Lr	-6.960E-04	343-1	0.34

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
343	0.	Le	2.726E-04	343-1	0.
343	0.17	Le	-1.961E-05	343-1	0.17
343	0.34	Le	-3.118E-04	343-1	0.34
344	0.	DEAD	0.0015	344-1	0.
344	0.17	DEAD	-8.610E-05	344-1	0.17
344	0.34	DEAD	-0.0016	344-1	0.34
344	0.	Lr	0.0015	344-1	0.
344	0.17	Lr	-8.296E-05	344-1	0.17
344	0.34	Lr	-0.0016	344-1	0.34
344	0.	Le	6.537E-04	344-1	0.
344	0.17	Le	-3.717E-05	344-1	0.17
344	0.34	Le	-7.281E-04	344-1	0.34
345	0.	DEAD	0.0023	345-1	0.
345	0.17	DEAD	-2.921E-05	345-1	0.17
345	0.34	DEAD	-0.0024	345-1	0.34
345	0.	Lr	0.0023	345-1	0.
345	0.17	Lr	-2.824E-05	345-1	0.17
345	0.34	Lr	-0.0023	345-1	0.34
345	0.	Le	0.001	345-1	0.
345	0.17	Le	-1.265E-05	345-1	0.17
345	0.34	Le	-0.0011	345-1	0.34
346	0.	DEAD	0.0031	346-1	0.
346	0.17	DEAD	-1.495E-04	346-1	0.17
346	0.34	DEAD	-0.0034	346-1	0.34
346	0.	Lr	0.0031	346-1	0.
346	0.17	Lr	-1.463E-04	346-1	0.17
346	0.34	Lr	-0.0034	346-1	0.34
346	0.	Le	0.0014	346-1	0.
346	0.17	Le	-6.557E-05	346-1	0.17
346	0.34	Le	-0.0015	346-1	0.34
347	0.	DEAD	0.0039	347-1	0.
347	0.17	DEAD	-4.863E-07	347-1	0.17
347	0.34	DEAD	-0.0039	347-1	0.34
347	0.	Lr	0.0039	347-1	0.
347	0.17	Lr	2.383E-06	347-1	0.17
347	0.34	Lr	-0.0039	347-1	0.34
347	0.	Le	0.0017	347-1	0.
347	0.17	Le	1.068E-06	347-1	0.17
347	0.34	Le	-0.0017	347-1	0.34
348	0.	DEAD	0.0055	348-1	0.
348	0.17	DEAD	-2.113E-04	348-1	0.17
348	0.34	DEAD	-0.006	348-1	0.34
348	0.	Lr	0.0055	348-1	0.
348	0.17	Lr	-2.017E-04	348-1	0.17
348	0.34	Lr	-0.0059	348-1	0.34
348	0.	Le	0.0025	348-1	0.
348	0.17	Le	-9.036E-05	348-1	0.17
348	0.34	Le	-0.0026	348-1	0.34
349	0.	DEAD	8.957E-04	349-1	0.
349	0.26249	DEAD	0.0013	349-1	0.26249
349	0.52498	DEAD	9.281E-04	349-1	0.52498
349	0.	Lr	0.0011	349-1	0.
349	0.26249	Lr	0.0011	349-1	0.26249
349	0.52498	Lr	0.0012	349-1	0.52498

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
349	0.	Le	5.027E-04	349-1	0.
349	0.26249	Le	5.096E-04	349-1	0.26249
349	0.52498	Le	5.164E-04	349-1	0.52498
34A	0.	DEAD	9.030E-04	34A-1	0.
34A	0.26249	DEAD	0.0012	34A-1	0.26249
34A	0.52498	DEAD	8.418E-04	34A-1	0.52498
34A	0.	Lr	0.0011	34A-1	0.
34A	0.26249	Lr	0.0011	34A-1	0.26249
34A	0.52498	Lr	0.0011	34A-1	0.52498
34A	0.	Le	5.049E-04	34A-1	0.
34A	0.26249	Le	4.917E-04	34A-1	0.26249
34A	0.52498	Le	4.785E-04	34A-1	0.52498
34B	0.	DEAD	6.934E-04	34B-1	0.
34B	0.26249	DEAD	0.0011	34B-1	0.26249
34B	0.52498	DEAD	8.523E-04	34B-1	0.52498
34B	0.	Lr	9.219E-04	34B-1	0.
34B	0.26249	Lr	9.997E-04	34B-1	0.26249
34B	0.52498	Lr	0.0011	34B-1	0.52498
34B	0.	Le	4.130E-04	34B-1	0.
34B	0.26249	Le	4.479E-04	34B-1	0.26249
34B	0.52498	Le	4.828E-04	34B-1	0.52498
34C	0.	DEAD	7.389E-04	34C-1	0.
34C	0.26249	DEAD	0.001	34C-1	0.26249
34C	0.52498	DEAD	5.491E-04	34C-1	0.52498
34C	0.	Lr	9.646E-04	34C-1	0.
34C	0.26249	Lr	8.715E-04	34C-1	0.26249
34C	0.52498	Lr	7.784E-04	34C-1	0.52498
34C	0.	Le	4.322E-04	34C-1	0.
34C	0.26249	Le	3.905E-04	34C-1	0.26249
34C	0.52498	Le	3.488E-04	34C-1	0.52498
34D	0.	DEAD	2.738E-04	34D-1	0.
34D	0.26249	DEAD	7.854E-04	34D-1	0.26249
34D	0.52498	DEAD	5.828E-04	34D-1	0.52498
34D	0.	Lr	5.072E-04	34D-1	0.
34D	0.26249	Lr	6.590E-04	34D-1	0.26249
34D	0.52498	Lr	8.109E-04	34D-1	0.52498
34D	0.	Le	2.272E-04	34D-1	0.
34D	0.26249	Le	2.953E-04	34D-1	0.26249
34D	0.52498	Le	3.633E-04	34D-1	0.52498
34E	0.	DEAD	3.072E-04	34E-1	0.
34E	0.26249	DEAD	6.201E-04	34E-1	0.26249
34E	0.52498	DEAD	2.190E-04	34E-1	0.52498
34E	0.	Lr	5.365E-04	34E-1	0.
34E	0.26249	Lr	4.950E-04	34E-1	0.26249
34E	0.52498	Lr	4.535E-04	34E-1	0.52498
34E	0.	Le	2.404E-04	34E-1	0.
34E	0.26249	Le	2.218E-04	34E-1	0.26249
34E	0.52498	Le	2.032E-04	34E-1	0.52498
35C	0.	DEAD	-0.0065	35C-1	0.
35C	0.17	DEAD	0.0012	35C-1	0.17
35C	0.34	DEAD	0.0089	35C-1	0.34
35C	0.	Lr	-0.0064	35C-1	0.
35C	0.17	Lr	0.0012	35C-1	0.17
35C	0.34	Lr	0.0088	35C-1	0.34

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
35C	0.	Le	-0.0029	35C-1	0.
35C	0.17	Le	5.476E-04	35C-1	0.17
35C	0.34	Le	0.004	35C-1	0.34
35D	0.	DEAD	-0.0042	35D-1	0.
35D	0.17	DEAD	-1.852E-04	35D-1	0.17
35D	0.34	DEAD	0.0038	35D-1	0.34
35D	0.	Lr	-0.0042	35D-1	0.
35D	0.17	Lr	-1.884E-04	35D-1	0.17
35D	0.34	Lr	0.0038	35D-1	0.34
35D	0.	Le	-0.0019	35D-1	0.
35D	0.17	Le	-8.442E-05	35D-1	0.17
35D	0.34	Le	0.0017	35D-1	0.34
35E	0.	DEAD	-0.0034	35E-1	0.
35E	0.17	DEAD	1.348E-04	35E-1	0.17
35E	0.34	DEAD	0.0037	35E-1	0.34
35E	0.	Lr	-0.0034	35E-1	0.
35E	0.17	Lr	1.321E-04	35E-1	0.17
35E	0.34	Lr	0.0037	35E-1	0.34
35E	0.	Le	-0.0015	35E-1	0.
35E	0.17	Le	5.919E-05	35E-1	0.17
35E	0.34	Le	0.0016	35E-1	0.34
35F	0.	DEAD	-0.0028	35F-1	0.
35F	0.17	DEAD	-7.647E-05	35F-1	0.17
35F	0.34	DEAD	0.0026	35F-1	0.34
35F	0.	Lr	-0.0028	35F-1	0.
35F	0.17	Lr	-7.709E-05	35F-1	0.17
35F	0.34	Lr	0.0026	35F-1	0.34
35F	0.	Le	-0.0012	35F-1	0.
35F	0.17	Le	-3.454E-05	35F-1	0.17
35F	0.34	Le	0.0012	35F-1	0.34
360	0.	DEAD	-0.0018	360-1	0.
360	0.17	DEAD	3.472E-05	360-1	0.17
360	0.34	DEAD	0.0019	360-1	0.34
360	0.	Lr	-0.0018	360-1	0.
360	0.17	Lr	3.233E-05	360-1	0.17
360	0.34	Lr	0.0018	360-1	0.34
360	0.	Le	-7.946E-04	360-1	0.
360	0.17	Le	1.449E-05	360-1	0.17
360	0.34	Le	8.235E-04	360-1	0.34
361	0.	DEAD	-0.0011	361-1	0.
361	0.17	DEAD	-5.716E-05	361-1	0.17
361	0.34	DEAD	9.952E-04	361-1	0.34
361	0.	Lr	-0.0011	361-1	0.
361	0.17	Lr	-5.616E-05	361-1	0.17
361	0.34	Lr	9.837E-04	361-1	0.34
361	0.	Le	-4.911E-04	361-1	0.
361	0.17	Le	-2.516E-05	361-1	0.17
361	0.34	Le	4.407E-04	361-1	0.34
362	0.	DEAD	-1.244E-04	362-1	0.
362	0.17	DEAD	-9.492E-06	362-1	0.17
362	0.34	DEAD	1.054E-04	362-1	0.34
362	0.	Lr	-1.283E-04	362-1	0.
362	0.17	Lr	-1.177E-05	362-1	0.17
362	0.34	Lr	1.048E-04	362-1	0.34

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
362	0.	Le	-5.749E-05	362-1	0.
362	0.17	Le	-5.274E-06	362-1	0.17
362	0.34	Le	4.694E-05	362-1	0.34
363	0.	DEAD	-1.004E-04	363-1	0.
363	0.26249	DEAD	6.836E-04	363-1	0.26249
363	0.52498	DEAD	7.536E-04	363-1	0.52498
363	0.	Lr	1.250E-04	363-1	0.
363	0.26249	Lr	5.622E-04	363-1	0.26249
363	0.52498	Lr	9.994E-04	363-1	0.52498
363	0.	Le	5.602E-05	363-1	0.
363	0.26249	Le	2.519E-04	363-1	0.26249
363	0.52498	Le	4.478E-04	363-1	0.52498
364	0.	DEAD	2.052E-04	364-1	0.
364	0.26249	DEAD	7.070E-04	364-1	0.26249
364	0.52498	DEAD	4.946E-04	364-1	0.52498
364	0.	Lr	4.401E-04	364-1	0.
364	0.26249	Lr	5.818E-04	364-1	0.26249
364	0.52498	Lr	7.235E-04	364-1	0.52498
364	0.	Le	1.972E-04	364-1	0.
364	0.26249	Le	2.607E-04	364-1	0.26249
364	0.52498	Le	3.242E-04	364-1	0.52498
365	0.	DEAD	7.001E-04	365-1	0.
365	0.26249	DEAD	9.443E-04	365-1	0.26249
365	0.52498	DEAD	4.744E-04	365-1	0.52498
365	0.	Lr	9.263E-04	365-1	0.
365	0.26249	Lr	8.156E-04	365-1	0.26249
365	0.52498	Lr	7.049E-04	365-1	0.52498
365	0.	Le	4.150E-04	365-1	0.
365	0.26249	Le	3.654E-04	365-1	0.26249
365	0.52498	Le	3.158E-04	365-1	0.52498
366	0.	DEAD	6.316E-04	366-1	0.
366	0.26249	DEAD	0.0011	366-1	0.26249
366	0.52498	DEAD	8.147E-04	366-1	0.52498
366	0.	Lr	8.608E-04	366-1	0.
366	0.26249	Lr	9.507E-04	366-1	0.26249
366	0.52498	Lr	0.001	366-1	0.52498
366	0.	Le	3.857E-04	366-1	0.
366	0.26249	Le	4.260E-04	366-1	0.26249
366	0.52498	Le	4.662E-04	366-1	0.52498
367	0.	DEAD	8.824E-04	367-1	0.
367	0.26249	DEAD	0.0012	367-1	0.26249
367	0.52498	DEAD	7.968E-04	367-1	0.52498
367	0.	Lr	0.0011	367-1	0.
367	0.26249	Lr	0.0011	367-1	0.26249
367	0.52498	Lr	0.001	367-1	0.52498
367	0.	Le	4.967E-04	367-1	0.
367	0.26249	Le	4.774E-04	367-1	0.26249
367	0.52498	Le	4.581E-04	367-1	0.52498
368	0.	DEAD	8.895E-04	368-1	0.
368	0.26249	DEAD	0.0013	368-1	0.26249
368	0.52498	DEAD	9.115E-04	368-1	0.52498
368	0.	Lr	0.0011	368-1	0.
368	0.26249	Lr	0.0011	368-1	0.26249
368	0.52498	Lr	0.0011	368-1	0.52498

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
368	0.	Le	4.994E-04	368-1	0.
368	0.26249	Le	5.044E-04	368-1	0.26249
368	0.52498	Le	5.094E-04	368-1	0.52498
369	0.	DEAD	6.177E-04	369-1	0.
369	0.17	DEAD	-4.239E-05	369-1	0.17
369	0.34	DEAD	-7.025E-04	369-1	0.34
369	0.	Lr	6.070E-04	369-1	0.
369	0.17	Lr	-4.336E-05	369-1	0.17
369	0.34	Lr	-6.937E-04	369-1	0.34
369	0.	Le	2.720E-04	369-1	0.
369	0.17	Le	-1.943E-05	369-1	0.17
369	0.34	Le	-3.108E-04	369-1	0.34
36A	0.	DEAD	0.0015	36A-1	0.
36A	0.17	DEAD	-8.087E-05	36A-1	0.17
36A	0.34	DEAD	-0.0016	36A-1	0.34
36A	0.	Lr	0.0015	36A-1	0.
36A	0.17	Lr	-8.213E-05	36A-1	0.17
36A	0.34	Lr	-0.0016	36A-1	0.34
36A	0.	Le	6.532E-04	36A-1	0.
36A	0.17	Le	-3.680E-05	36A-1	0.17
36A	0.34	Le	-7.268E-04	36A-1	0.34
36B	0.	DEAD	0.0023	36B-1	0.
36B	0.17	DEAD	-2.706E-05	36B-1	0.17
36B	0.34	DEAD	-0.0024	36B-1	0.34
36B	0.	Lr	0.0023	36B-1	0.
36B	0.17	Lr	-2.853E-05	36B-1	0.17
36B	0.34	Lr	-0.0023	36B-1	0.34
36B	0.	Le	0.001	36B-1	0.
36B	0.17	Le	-1.278E-05	36B-1	0.17
36B	0.34	Le	-0.001	36B-1	0.34
36C	0.	DEAD	0.0031	36C-1	0.
36C	0.17	DEAD	-1.441E-04	36C-1	0.17
36C	0.34	DEAD	-0.0034	36C-1	0.34
36C	0.	Lr	0.0031	36C-1	0.
36C	0.17	Lr	-1.450E-04	36C-1	0.17
36C	0.34	Lr	-0.0034	36C-1	0.34
36C	0.	Le	0.0014	36C-1	0.
36C	0.17	Le	-6.498E-05	36C-1	0.17
36C	0.34	Le	-0.0015	36C-1	0.34
36D	0.	DEAD	0.0039	36D-1	0.
36D	0.17	DEAD	4.799E-06	36D-1	0.17
36D	0.34	DEAD	-0.0039	36D-1	0.34
36D	0.	Lr	0.0039	36D-1	0.
36D	0.17	Lr	1.626E-06	36D-1	0.17
36D	0.34	Lr	-0.0039	36D-1	0.34
36D	0.	Le	0.0017	36D-1	0.
36D	0.17	Le	7.286E-07	36D-1	0.17
36D	0.34	Le	-0.0017	36D-1	0.34
36E	0.	DEAD	0.0055	36E-1	0.
36E	0.17	DEAD	-2.075E-04	36E-1	0.17
36E	0.34	DEAD	-0.006	36E-1	0.34
36E	0.	Lr	0.0055	36E-1	0.
36E	0.17	Lr	-2.011E-04	36E-1	0.17
36E	0.34	Lr	-0.0059	36E-1	0.34

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
36E	0.	Le	0.0025	36E-1	0.
36E	0.17	Le	-9.010E-05	36E-1	0.17
36E	0.34	Le	-0.0026	36E-1	0.34
36F	0.	DEAD	9.044E-04	36F-1	0.
36F	0.26249	DEAD	0.0013	36F-1	0.26249
36F	0.52498	DEAD	9.098E-04	36F-1	0.52498
36F	0.	Lr	0.0011	36F-1	0.
36F	0.26249	Lr	0.0011	36F-1	0.26249
36F	0.52498	Lr	0.0011	36F-1	0.52498
36F	0.	Le	5.056E-04	36F-1	0.
36F	0.26249	Le	5.071E-04	36F-1	0.26249
36F	0.52498	Le	5.086E-04	36F-1	0.52498
370	0.	DEAD	9.023E-04	370-1	0.
370	0.26249	DEAD	0.0012	370-1	0.26249
370	0.52498	DEAD	8.300E-04	370-1	0.52498
370	0.	Lr	0.0011	370-1	0.
370	0.26249	Lr	0.0011	370-1	0.26249
370	0.52498	Lr	0.0011	370-1	0.52498
370	0.	Le	5.056E-04	370-1	0.
370	0.26249	Le	4.893E-04	370-1	0.26249
370	0.52498	Le	4.730E-04	370-1	0.52498
371	0.	DEAD	6.992E-04	371-1	0.
371	0.26249	DEAD	0.0011	371-1	0.26249
371	0.52498	DEAD	8.385E-04	371-1	0.52498
371	0.	Lr	9.254E-04	371-1	0.
371	0.26249	Lr	9.950E-04	371-1	0.26249
371	0.52498	Lr	0.0011	371-1	0.52498
371	0.	Le	4.146E-04	371-1	0.
371	0.26249	Le	4.458E-04	371-1	0.26249
371	0.52498	Le	4.770E-04	371-1	0.52498
372	0.	DEAD	7.387E-04	372-1	0.
372	0.26249	DEAD	9.965E-04	372-1	0.26249
372	0.52498	DEAD	5.402E-04	372-1	0.52498
372	0.	Lr	9.665E-04	372-1	0.
372	0.26249	Lr	8.678E-04	372-1	0.26249
372	0.52498	Lr	7.691E-04	372-1	0.52498
372	0.	Le	4.330E-04	372-1	0.
372	0.26249	Le	3.888E-04	372-1	0.26249
372	0.52498	Le	3.446E-04	372-1	0.52498
373	0.	DEAD	2.800E-04	373-1	0.
373	0.26249	DEAD	7.834E-04	373-1	0.26249
373	0.52498	DEAD	5.727E-04	373-1	0.52498
373	0.	Lr	5.095E-04	373-1	0.
373	0.26249	Lr	6.559E-04	373-1	0.26249
373	0.52498	Lr	8.022E-04	373-1	0.52498
373	0.	Le	2.283E-04	373-1	0.
373	0.26249	Le	2.939E-04	373-1	0.26249
373	0.52498	Le	3.594E-04	373-1	0.52498
374	0.	DEAD	3.032E-04	374-1	0.
374	0.26249	DEAD	6.181E-04	374-1	0.26249
374	0.52498	DEAD	2.190E-04	374-1	0.52498
374	0.	Lr	5.363E-04	374-1	0.
374	0.26249	Lr	4.943E-04	374-1	0.26249
374	0.52498	Lr	4.523E-04	374-1	0.52498

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
374	0.	Le	2.403E-04	374-1	0.
374	0.26249	Le	2.215E-04	374-1	0.26249
374	0.52498	Le	2.027E-04	374-1	0.52498
3D1	0.	DEAD	0.0058	3D1-1	0.
3D1	0.17	DEAD	-0.0021	3D1-1	0.17
3D1	0.34	DEAD	-0.0099	3D1-1	0.34
3D1	0.	Lr	0.0057	3D1-1	0.
3D1	0.17	Lr	-0.0022	3D1-1	0.17
3D1	0.34	Lr	-0.01	3D1-1	0.34
3D1	0.	Le	0.0025	3D1-1	0.
3D1	0.17	Le	-9.637E-04	3D1-1	0.17
3D1	0.34	Le	-0.0045	3D1-1	0.34
3D2	0.	DEAD	-0.0037	3D2-1	0.
3D2	0.17	DEAD	4.620E-04	3D2-1	0.17
3D2	0.34	DEAD	0.0046	3D2-1	0.34
3D2	0.	Lr	-0.0036	3D2-1	0.
3D2	0.17	Lr	4.832E-04	3D2-1	0.17
3D2	0.34	Lr	0.0046	3D2-1	0.34
3D2	0.	Le	-0.0016	3D2-1	0.
3D2	0.17	Le	2.165E-04	3D2-1	0.17
3D2	0.34	Le	0.002	3D2-1	0.34
3D3	0.	DEAD	0.0058	3D3-1	0.
3D3	0.17	DEAD	-0.0021	3D3-1	0.17
3D3	0.34	DEAD	-0.0099	3D3-1	0.34
3D3	0.	Lr	0.0057	3D3-1	0.
3D3	0.17	Lr	-0.0021	3D3-1	0.17
3D3	0.34	Lr	-0.01	3D3-1	0.34
3D3	0.	Le	0.0025	3D3-1	0.
3D3	0.17	Le	-9.626E-04	3D3-1	0.17
3D3	0.34	Le	-0.0045	3D3-1	0.34
3D4	0.	DEAD	-0.0037	3D4-1	0.
3D4	0.17	DEAD	4.656E-04	3D4-1	0.17
3D4	0.34	DEAD	0.0046	3D4-1	0.34
3D4	0.	Lr	-0.0036	3D4-1	0.
3D4	0.17	Lr	4.829E-04	3D4-1	0.17
3D4	0.34	Lr	0.0046	3D4-1	0.34
3D4	0.	Le	-0.0016	3D4-1	0.
3D4	0.17	Le	2.164E-04	3D4-1	0.17
3D4	0.34	Le	0.002	3D4-1	0.34
3D5	0.	DEAD	8.740E-04	3D5-1	0.
3D5	0.277	DEAD	-8.703E-04	3D5-1	0.277
3D5	0.	Lr	8.615E-04	3D5-1	0.
3D5	0.277	Lr	-8.587E-04	3D5-1	0.277
3D5	0.	Le	3.860E-04	3D5-1	0.
3D5	0.277	Le	-3.847E-04	3D5-1	0.277
3D6	0.	DEAD	-4.884E-04	3D6-1	0.
3D6	0.277	DEAD	4.903E-04	3D6-1	0.277
3D6	0.	Lr	-4.812E-04	3D6-1	0.
3D6	0.277	Lr	4.812E-04	3D6-1	0.277
3D6	0.	Le	-2.156E-04	3D6-1	0.
3D6	0.277	Le	2.156E-04	3D6-1	0.277
3D7	0.	DEAD	7.070E-06	3D7-1	0.
3D7	0.277	DEAD	-6.689E-06	3D7-1	0.277
3D7	0.	Lr	5.004E-06	3D7-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
3D7	0.277	Lr	-4.759E-06	3D7-1	0.277
3D7	0.	Le	2.242E-06	3D7-1	0.
3D7	0.277	Le	-2.132E-06	3D7-1	0.277
3D8	0.	DEAD	-8.696E-05	3D8-1	0.
3D8	0.277	DEAD	8.150E-05	3D8-1	0.277
3D8	0.	Lr	-8.362E-05	3D8-1	0.
3D8	0.277	Lr	8.012E-05	3D8-1	0.277
3D8	0.	Le	-3.747E-05	3D8-1	0.
3D8	0.277	Le	3.590E-05	3D8-1	0.277
3D9	0.	DEAD	-8.798E-05	3D9-1	0.
3D9	0.277	DEAD	8.177E-05	3D9-1	0.277
3D9	0.	Lr	-8.776E-05	3D9-1	0.
3D9	0.277	Lr	7.973E-05	3D9-1	0.277
3D9	0.	Le	-3.932E-05	3D9-1	0.
3D9	0.277	Le	3.572E-05	3D9-1	0.277
3DA	0.	DEAD	-1.711E-04	3DA-1	0.
3DA	0.277	DEAD	1.842E-04	3DA-1	0.277
3DA	0.	Lr	-1.678E-04	3DA-1	0.
3DA	0.277	Lr	1.837E-04	3DA-1	0.277
3DA	0.	Le	-7.520E-05	3DA-1	0.
3DA	0.277	Le	8.231E-05	3DA-1	0.277
3DB	0.	DEAD	-7.040E-05	3DB-1	0.
3DB	0.277	DEAD	5.774E-05	3DB-1	0.277
3DB	0.	Lr	-6.928E-05	3DB-1	0.
3DB	0.277	Lr	5.726E-05	3DB-1	0.277
3DB	0.	Le	-3.104E-05	3DB-1	0.
3DB	0.277	Le	2.565E-05	3DB-1	0.277
3DC	0.	DEAD	-1.902E-04	3DC-1	0.
3DC	0.277	DEAD	1.993E-04	3DC-1	0.277
3DC	0.	Lr	-1.898E-04	3DC-1	0.
3DC	0.277	Lr	1.960E-04	3DC-1	0.277
3DC	0.	Le	-8.503E-05	3DC-1	0.
3DC	0.277	Le	8.780E-05	3DC-1	0.277
3DD	0.	DEAD	-4.186E-06	3DD-1	0.
3DD	0.277	DEAD	-6.882E-07	3DD-1	0.277
3DD	0.	Lr	-3.708E-06	3DD-1	0.
3DD	0.277	Lr	9.267E-08	3DD-1	0.277
3DD	0.	Le	-1.662E-06	3DD-1	0.
3DD	0.277	Le	4.152E-08	3DD-1	0.277
3DE	0.	DEAD	-2.461E-04	3DE-1	0.
3DE	0.277	DEAD	2.485E-04	3DE-1	0.277
3DE	0.	Lr	-2.462E-04	3DE-1	0.
3DE	0.277	Lr	2.464E-04	3DE-1	0.277
3DE	0.	Le	-1.103E-04	3DE-1	0.
3DE	0.277	Le	1.104E-04	3DE-1	0.277
3DF	0.	DEAD	3.625E-05	3DF-1	0.
3DF	0.277	DEAD	-3.875E-05	3DF-1	0.277
3DF	0.	Lr	3.281E-05	3DF-1	0.
3DF	0.277	Lr	-3.732E-05	3DF-1	0.277
3DF	0.	Le	1.470E-05	3DF-1	0.
3DF	0.277	Le	-1.672E-05	3DF-1	0.277
3E0	0.	DEAD	-3.181E-04	3E0-1	0.
3E0	0.00251	DEAD	-3.037E-04	3E0-1	0.00251
3E0	0.00251	DEAD	-1.519E-04	3E0-2	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
3E0	0.277	DEAD	1.593E-04	3E0-2	0.27449
3E0	0.	Lr	-3.114E-04	3E0-1	0.
3E0	0.00251	Lr	-3.058E-04	3E0-1	0.00251
3E0	0.00251	Lr	-1.529E-04	3E0-2	0.
3E0	0.277	Lr	1.583E-04	3E0-2	0.27449
3E0	0.	Le	-1.395E-04	3E0-1	0.
3E0	0.00251	Le	-1.370E-04	3E0-1	0.00251
3E0	0.00251	Le	-6.850E-05	3E0-2	0.
3E0	0.277	Le	7.095E-05	3E0-2	0.27449
3E1	0.	DEAD	-1.519E-04	3E1-1	0.
3E1	0.27449	DEAD	1.593E-04	3E1-1	0.27449
3E1	0.27449	DEAD	-3.936E-08	3E1-2	0.
3E1	0.277	DEAD	-5.228E-15	3E1-2	0.00251
3E1	0.	Lr	-1.529E-04	3E1-1	0.
3E1	0.27449	Lr	1.583E-04	3E1-1	0.27449
3E1	0.27449	Lr	0.	3E1-2	0.
3E1	0.277	Lr	4.560E-15	3E1-2	0.00251
3E1	0.	Le	-6.850E-05	3E1-1	0.
3E1	0.27449	Le	7.095E-05	3E1-1	0.27449
3E1	0.27449	Le	8.882E-16	3E1-2	0.
3E1	0.277	Le	-3.672E-15	3E1-2	0.00251
3E2	0.	DEAD	8.499E-04	3E2-1	0.
3E2	0.277	DEAD	-8.462E-04	3E2-1	0.277
3E2	0.	Lr	8.677E-04	3E2-1	0.
3E2	0.277	Lr	-8.675E-04	3E2-1	0.277
3E2	0.	Le	3.888E-04	3E2-1	0.
3E2	0.277	Le	-3.887E-04	3E2-1	0.277
3E3	0.	DEAD	-1.037E-04	3E3-1	0.
3E3	0.277	DEAD	1.007E-04	3E3-1	0.277
3E3	0.	Lr	-1.262E-04	3E3-1	0.
3E3	0.277	Lr	1.272E-04	3E3-1	0.277
3E3	0.	Le	-5.656E-05	3E3-1	0.
3E3	0.277	Le	5.697E-05	3E3-1	0.277
3E4	0.	DEAD	0.0011	3E4-1	0.
3E4	0.19807	DEAD	-3.029E-04	3E4-1	0.19807
3E4	0.39613	DEAD	-0.002	3E4-1	0.39613
3E4	0.	Lr	0.0012	3E4-1	0.
3E4	0.19807	Lr	-3.548E-04	3E4-1	0.19807
3E4	0.39613	Lr	-0.0019	3E4-1	0.39613
3E4	0.	Le	5.225E-04	3E4-1	0.
3E4	0.19807	Le	-1.590E-04	3E4-1	0.19807
3E4	0.39613	Le	-8.404E-04	3E4-1	0.39613
3E5	0.	DEAD	0.0011	3E5-1	0.
3E5	0.19807	DEAD	-3.009E-04	3E5-1	0.19807
3E5	0.39613	DEAD	-0.002	3E5-1	0.39613
3E5	0.	Lr	0.0012	3E5-1	0.
3E5	0.19807	Lr	-3.539E-04	3E5-1	0.19807
3E5	0.39613	Lr	-0.0019	3E5-1	0.39613
3E5	0.	Le	5.235E-04	3E5-1	0.
3E5	0.19807	Le	-1.586E-04	3E5-1	0.19807
3E5	0.39613	Le	-8.406E-04	3E5-1	0.39613
3E6	0.	DEAD	-5.144E-04	3E6-1	0.
3E6	0.23926	DEAD	-1.143E-05	3E6-1	0.23926
3E6	0.47852	DEAD	-5.641E-05	3E6-1	0.47852

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
3E6	0.	Lr	-3.772E-04	3E6-1	0.
3E6	0.23926	Lr	-1.146E-04	3E6-1	0.23926
3E6	0.47852	Lr	1.480E-04	3E6-1	0.47852
3E6	0.	Le	-1.690E-04	3E6-1	0.
3E6	0.23926	Le	-5.135E-05	3E6-1	0.23926
3E6	0.47852	Le	6.630E-05	3E6-1	0.47852
3E7	0.	DEAD	-5.198E-04	3E7-1	0.
3E7	0.23926	DEAD	-1.305E-05	3E7-1	0.23926
3E7	0.47852	DEAD	-5.419E-05	3E7-1	0.47852
3E7	0.	Lr	-3.794E-04	3E7-1	0.
3E7	0.23926	Lr	-1.151E-04	3E7-1	0.23926
3E7	0.47852	Lr	1.491E-04	3E7-1	0.47852
3E7	0.	Le	-1.700E-04	3E7-1	0.
3E7	0.23926	Le	-5.159E-05	3E7-1	0.23926
3E7	0.47852	Le	6.682E-05	3E7-1	0.47852

Table: Element Joint Forces - Areas, Part 1 of 2

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
1	1	33	DEAD	LinStatic	-3.247E-04	0.	4.535E-04	0.
1	1	35	DEAD	LinStatic	-7.140E-06	0.	-4.653E-04	0.
1	1	1	DEAD	LinStatic	3.318E-04	0.	1.177E-05	0.
1	1	33	Lr	LinStatic	-3.211E-04	0.	4.475E-04	0.
1	1	35	Lr	LinStatic	-7.079E-06	0.	-4.592E-04	0.
1	1	1	Lr	LinStatic	3.282E-04	0.	1.172E-05	0.
1	1	33	Le	LinStatic	-1.439E-04	0.	2.005E-04	0.
1	1	35	Le	LinStatic	-3.172E-06	0.	-2.057E-04	0.
1	1	1	Le	LinStatic	1.470E-04	0.	5.251E-06	0.
2	2	1	DEAD	LinStatic	-3.253E-04	0.	5.590E-04	0.
2	2	35	DEAD	LinStatic	-3.831E-04	0.	3.750E-05	0.
2	2	3	DEAD	LinStatic	7.084E-04	0.	-5.965E-04	0.
2	2	1	Lr	LinStatic	-3.212E-04	0.	5.519E-04	0.
2	2	35	Lr	LinStatic	-3.781E-04	0.	3.639E-05	0.
2	2	3	Lr	LinStatic	6.993E-04	0.	-5.882E-04	0.
2	2	1	Le	LinStatic	-1.439E-04	0.	2.473E-04	0.
2	2	35	Le	LinStatic	-1.694E-04	0.	1.631E-05	0.
2	2	3	Le	LinStatic	3.133E-04	0.	-2.636E-04	0.
3	3	3	DEAD	LinStatic	1.540E-04	0.	2.897E-04	0.
3	3	35	DEAD	LinStatic	-4.869E-04	0.	7.559E-05	0.
3	3	5	DEAD	LinStatic	3.329E-04	0.	-3.653E-04	0.
3	3	3	Lr	LinStatic	1.534E-04	0.	2.880E-04	0.
3	3	35	Lr	LinStatic	-4.822E-04	0.	7.340E-05	0.
3	3	5	Lr	LinStatic	3.288E-04	0.	-3.614E-04	0.
3	3	3	Le	LinStatic	6.871E-05	0.	1.290E-04	0.
3	3	35	Le	LinStatic	-2.160E-04	0.	3.289E-05	0.
3	3	5	Le	LinStatic	1.473E-04	0.	-1.619E-04	0.
4	4	5	DEAD	LinStatic	1.210E-03	0.	3.058E-04	0.
4	4	35	DEAD	LinStatic	9.051E-04	0.	9.548E-04	0.
4	4	37	DEAD	LinStatic	-2.115E-03	0.	-1.261E-03	0.
4	4	5	Lr	LinStatic	1.198E-03	0.	3.049E-04	0.
4	4	35	Lr	LinStatic	8.952E-04	0.	9.444E-04	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
4	4	37	Lr	LinStatic	-2.093E-03	0.	-1.249E-03	0.
4	4	5	Le	LinStatic	5.367E-04	0.	1.366E-04	0.
4	4	35	Le	LinStatic	4.011E-04	0.	4.231E-04	0.
4	4	37	Le	LinStatic	-9.378E-04	0.	-5.597E-04	0.
5	5	5	DEAD	LinStatic	-7.329E-06	0.	3.066E-04	0.
5	5	37	DEAD	LinStatic	9.158E-04	0.	-2.985E-04	0.
5	5	39	DEAD	LinStatic	-9.084E-04	0.	-8.072E-06	0.
5	5	5	Lr	LinStatic	-8.009E-06	0.	3.056E-04	0.
5	5	37	Lr	LinStatic	9.065E-04	0.	-2.983E-04	0.
5	5	39	Lr	LinStatic	-8.985E-04	0.	-7.354E-06	0.
5	5	5	Le	LinStatic	-3.588E-06	0.	1.369E-04	0.
5	5	37	Le	LinStatic	4.062E-04	0.	-1.337E-04	0.
5	5	39	Le	LinStatic	-4.026E-04	0.	-3.295E-06	0.
6	6	39	DEAD	LinStatic	-1.304E-03	0.	3.192E-04	0.
6	6	7	DEAD	LinStatic	2.657E-03	0.	-1.382E-03	0.
6	6	5	DEAD	LinStatic	-1.353E-03	0.	1.063E-03	0.
6	6	39	Lr	LinStatic	-1.289E-03	0.	3.142E-04	0.
6	6	7	Lr	LinStatic	2.626E-03	0.	-1.365E-03	0.
6	6	5	Lr	LinStatic	-1.338E-03	0.	1.050E-03	0.
6	6	39	Le	LinStatic	-5.775E-04	0.	1.408E-04	0.
6	6	7	Le	LinStatic	1.177E-03	0.	-6.114E-04	0.
6	6	5	Le	LinStatic	-5.993E-04	0.	4.706E-04	0.
7	7	39	DEAD	LinStatic	3.557E-04	0.	3.201E-04	0.
7	7	9	DEAD	LinStatic	1.357E-03	0.	2.710E-04	0.
7	7	7	DEAD	LinStatic	-1.713E-03	0.	-5.911E-04	0.
7	7	39	Lr	LinStatic	3.512E-04	0.	3.151E-04	0.
7	7	9	Lr	LinStatic	1.341E-03	0.	2.674E-04	0.
7	7	7	Lr	LinStatic	-1.693E-03	0.	-5.825E-04	0.
7	7	39	Le	LinStatic	1.574E-04	0.	1.412E-04	0.
7	7	9	Le	LinStatic	6.010E-04	0.	1.198E-04	0.
7	7	7	Le	LinStatic	-7.584E-04	0.	-2.610E-04	0.
8	8	39	DEAD	LinStatic	1.728E-03	0.	1.159E-03	0.
8	8	41	DEAD	LinStatic	-3.154E-03	0.	-1.657E-03	0.
8	8	9	DEAD	LinStatic	1.426E-03	0.	4.979E-04	0.
8	8	39	Lr	LinStatic	1.709E-03	0.	1.146E-03	0.
8	8	41	Lr	LinStatic	-3.120E-03	0.	-1.641E-03	0.
8	8	9	Lr	LinStatic	1.410E-03	0.	4.948E-04	0.
8	8	39	Le	LinStatic	7.658E-04	0.	5.137E-04	0.
8	8	41	Le	LinStatic	-1.398E-03	0.	-7.354E-04	0.
8	8	9	Le	LinStatic	6.319E-04	0.	2.217E-04	0.
9	9	9	DEAD	LinStatic	-7.023E-04	0.	4.984E-04	0.
9	9	41	DEAD	LinStatic	2.433E-03	0.	-1.057E-03	0.
9	9	43	DEAD	LinStatic	-1.730E-03	0.	5.585E-04	0.
9	9	9	Lr	LinStatic	-6.951E-04	0.	4.953E-04	0.
9	9	41	Lr	LinStatic	2.406E-03	0.	-1.048E-03	0.
9	9	43	Lr	LinStatic	-1.711E-03	0.	5.529E-04	0.
9	9	9	Le	LinStatic	-3.114E-04	0.	2.219E-04	0.
9	9	41	Le	LinStatic	1.078E-03	0.	-4.696E-04	0.
9	9	43	Le	LinStatic	-7.668E-04	0.	2.477E-04	0.
10	10	43	DEAD	LinStatic	-1.434E-03	0.	4.669E-04	0.
10	10	11	DEAD	LinStatic	3.416E-03	0.	-1.626E-03	0.
10	10	9	DEAD	LinStatic	-1.981E-03	0.	1.159E-03	0.
10	10	43	Lr	LinStatic	-1.418E-03	0.	4.603E-04	0.
10	10	11	Lr	LinStatic	3.376E-03	0.	-1.606E-03	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
10	10	9	Lr	LinStatic	-1.959E-03	0.	1.146E-03	0.
10	10	43	Le	LinStatic	-6.352E-04	0.	2.062E-04	0.
10	10	11	Le	LinStatic	1.513E-03	0.	-7.195E-04	0.
10	10	9	Le	LinStatic	-8.776E-04	0.	5.133E-04	0.
11	11	43	DEAD	LinStatic	9.422E-04	0.	4.674E-04	0.
11	11	13	DEAD	LinStatic	1.983E-03	0.	7.466E-04	0.
11	11	11	DEAD	LinStatic	-2.926E-03	0.	-1.214E-03	0.
11	11	43	Lr	LinStatic	9.312E-04	0.	4.608E-04	0.
11	11	13	Lr	LinStatic	1.961E-03	0.	7.377E-04	0.
11	11	11	Lr	LinStatic	-2.892E-03	0.	-1.198E-03	0.
11	11	43	Le	LinStatic	4.172E-04	0.	2.065E-04	0.
11	11	13	Le	LinStatic	8.786E-04	0.	3.305E-04	0.
11	11	11	Le	LinStatic	-1.296E-03	0.	-5.370E-04	0.
12	12	13	DEAD	LinStatic	1.442E-03	0.	5.987E-04	0.
12	12	43	DEAD	LinStatic	2.157E-03	0.	1.163E-03	0.
12	12	45	DEAD	LinStatic	-3.599E-03	0.	-1.762E-03	0.
12	12	13	Lr	LinStatic	1.427E-03	0.	5.944E-04	0.
12	12	43	Lr	LinStatic	2.133E-03	0.	1.151E-03	0.
12	12	45	Lr	LinStatic	-3.560E-03	0.	-1.746E-03	0.
12	12	13	Le	LinStatic	6.392E-04	0.	2.663E-04	0.
12	12	43	Le	LinStatic	9.557E-04	0.	5.158E-04	0.
12	12	45	Le	LinStatic	-1.595E-03	0.	-7.821E-04	0.
13	13	13	DEAD	LinStatic	-1.175E-03	0.	5.989E-04	0.
13	13	45	DEAD	LinStatic	3.332E-03	0.	-1.542E-03	0.
13	13	47	DEAD	LinStatic	-2.158E-03	0.	9.430E-04	0.
13	13	13	Lr	LinStatic	-1.162E-03	0.	5.946E-04	0.
13	13	45	Lr	LinStatic	3.296E-03	0.	-1.528E-03	0.
13	13	47	Lr	LinStatic	-2.134E-03	0.	9.334E-04	0.
13	13	13	Le	LinStatic	-5.208E-04	0.	2.664E-04	0.
13	13	45	Le	LinStatic	1.477E-03	0.	-6.846E-04	0.
13	13	47	Le	LinStatic	-9.561E-04	0.	4.182E-04	0.
14	14	47	DEAD	LinStatic	-1.340E-03	0.	5.213E-04	0.
14	14	15	DEAD	LinStatic	3.553E-03	0.	-1.595E-03	0.
14	14	13	DEAD	LinStatic	-2.213E-03	0.	1.073E-03	0.
14	14	47	Lr	LinStatic	-1.324E-03	0.	5.140E-04	0.
14	14	15	Lr	LinStatic	3.512E-03	0.	-1.575E-03	0.
14	14	13	Lr	LinStatic	-2.188E-03	0.	1.061E-03	0.
14	14	47	Le	LinStatic	-5.933E-04	0.	2.303E-04	0.
14	14	15	Le	LinStatic	1.574E-03	0.	-7.055E-04	0.
14	14	13	Le	LinStatic	-9.803E-04	0.	4.752E-04	0.
15	15	15	DEAD	LinStatic	-3.515E-03	0.	-1.562E-03	0.
15	15	47	DEAD	LinStatic	1.302E-03	0.	5.214E-04	0.
15	15	17	DEAD	LinStatic	2.213E-03	0.	1.041E-03	0.
15	15	15	Lr	LinStatic	-3.475E-03	0.	-1.543E-03	0.
15	15	47	Lr	LinStatic	1.287E-03	0.	5.141E-04	0.
15	15	17	Lr	LinStatic	2.188E-03	0.	1.029E-03	0.
15	15	15	Le	LinStatic	-1.557E-03	0.	-6.913E-04	0.
15	15	47	Le	LinStatic	5.767E-04	0.	2.303E-04	0.
15	15	17	Le	LinStatic	9.804E-04	0.	4.609E-04	0.
16	16	17	DEAD	LinStatic	1.232E-03	0.	6.067E-04	0.
16	16	47	DEAD	LinStatic	2.191E-03	0.	9.898E-04	0.
16	16	49	DEAD	LinStatic	-3.423E-03	0.	-1.596E-03	0.
16	16	17	Lr	LinStatic	1.219E-03	0.	6.023E-04	0.
16	16	47	Lr	LinStatic	2.166E-03	0.	9.793E-04	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
16	16	49	Lr	LinStatic	-3.385E-03	0.	-1.582E-03	0.
16	16	17	Le	LinStatic	5.462E-04	0.	2.699E-04	0.
16	16	47	Le	LinStatic	9.706E-04	0.	4.388E-04	0.
16	16	49	Le	LinStatic	-1.517E-03	0.	-7.086E-04	0.
17	17	49	DEAD	LinStatic	3.613E-03	0.	-1.754E-03	0.
17	17	51	DEAD	LinStatic	-2.190E-03	0.	1.147E-03	0.
17	17	17	DEAD	LinStatic	-1.423E-03	0.	6.065E-04	0.
17	17	49	Lr	LinStatic	3.574E-03	0.	-1.737E-03	0.
17	17	51	Lr	LinStatic	-2.166E-03	0.	1.135E-03	0.
17	17	17	Lr	LinStatic	-1.408E-03	0.	6.021E-04	0.
17	17	49	Le	LinStatic	1.601E-03	0.	-7.785E-04	0.
17	17	51	Le	LinStatic	-9.704E-04	0.	5.087E-04	0.
17	17	17	Le	LinStatic	-6.308E-04	0.	2.698E-04	0.
18	18	19	DEAD	LinStatic	3.067E-03	0.	-1.291E-03	0.
18	18	17	DEAD	LinStatic	-2.049E-03	0.	8.080E-04	0.
18	18	51	DEAD	LinStatic	-1.018E-03	0.	4.826E-04	0.
18	18	19	Lr	LinStatic	3.031E-03	0.	-1.274E-03	0.
18	18	17	Lr	LinStatic	-2.026E-03	0.	7.983E-04	0.
18	18	51	Lr	LinStatic	-1.005E-03	0.	4.757E-04	0.
18	18	19	Le	LinStatic	1.358E-03	0.	-5.708E-04	0.
18	18	17	Le	LinStatic	-9.076E-04	0.	3.577E-04	0.
18	18	51	Le	LinStatic	-4.504E-04	0.	2.131E-04	0.
19	19	51	DEAD	LinStatic	1.435E-03	0.	4.822E-04	0.
19	19	21	DEAD	LinStatic	2.047E-03	0.	1.156E-03	0.
19	19	19	DEAD	LinStatic	-3.482E-03	0.	-1.639E-03	0.
19	19	51	Lr	LinStatic	1.418E-03	0.	4.753E-04	0.
19	19	21	Lr	LinStatic	2.024E-03	0.	1.143E-03	0.
19	19	19	Lr	LinStatic	-3.442E-03	0.	-1.618E-03	0.
19	19	51	Le	LinStatic	6.354E-04	0.	2.130E-04	0.
19	19	21	Le	LinStatic	9.068E-04	0.	5.120E-04	0.
19	19	19	Le	LinStatic	-1.542E-03	0.	-7.250E-04	0.
20	20	51	DEAD	LinStatic	1.829E-03	0.	6.357E-04	0.
20	20	53	DEAD	LinStatic	-2.626E-03	0.	-1.157E-03	0.
20	20	21	DEAD	LinStatic	7.967E-04	0.	5.218E-04	0.
20	20	51	Lr	LinStatic	1.809E-03	0.	6.290E-04	0.
20	20	53	Lr	LinStatic	-2.597E-03	0.	-1.147E-03	0.
20	20	21	Lr	LinStatic	7.882E-04	0.	5.183E-04	0.
20	20	51	Le	LinStatic	8.105E-04	0.	2.818E-04	0.
20	20	53	Le	LinStatic	-1.164E-03	0.	-5.141E-04	0.
20	20	21	Le	LinStatic	3.531E-04	0.	2.322E-04	0.
21	21	21	DEAD	LinStatic	-1.445E-03	0.	5.213E-04	0.
21	21	53	DEAD	LinStatic	3.272E-03	0.	-1.694E-03	0.
21	21	55	DEAD	LinStatic	-1.827E-03	0.	1.172E-03	0.
21	21	21	Lr	LinStatic	-1.429E-03	0.	5.178E-04	0.
21	21	53	Lr	LinStatic	3.236E-03	0.	-1.678E-03	0.
21	21	55	Lr	LinStatic	-1.807E-03	0.	1.160E-03	0.
21	21	21	Le	LinStatic	-6.403E-04	0.	2.320E-04	0.
21	21	53	Le	LinStatic	1.450E-03	0.	-7.517E-04	0.
21	21	55	Le	LinStatic	-8.096E-04	0.	5.197E-04	0.
22	22	55	DEAD	LinStatic	-4.686E-04	0.	3.507E-04	0.
22	22	23	DEAD	LinStatic	1.958E-03	0.	-7.131E-04	0.
22	22	21	DEAD	LinStatic	-1.489E-03	0.	3.624E-04	0.
22	22	55	Lr	LinStatic	-4.625E-04	0.	3.453E-04	0.
22	22	23	Lr	LinStatic	1.934E-03	0.	-7.030E-04	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
22	22	21	Lr	LinStatic	-1.471E-03	0.	3.577E-04	0.
22	22	55	Le	LinStatic	-2.072E-04	0.	1.547E-04	0.
22	22	23	Le	LinStatic	8.665E-04	0.	-3.150E-04	0.
22	22	21	Le	LinStatic	-6.593E-04	0.	1.603E-04	0.
23	23	55	DEAD	LinStatic	1.341E-03	0.	3.499E-04	0.
23	23	25	DEAD	LinStatic	1.485E-03	0.	1.092E-03	0.
23	23	23	DEAD	LinStatic	-2.826E-03	0.	-1.441E-03	0.
23	23	55	Lr	LinStatic	1.325E-03	0.	3.445E-04	0.
23	23	25	Lr	LinStatic	1.468E-03	0.	1.079E-03	0.
23	23	23	Lr	LinStatic	-2.793E-03	0.	-1.423E-03	0.
23	23	55	Le	LinStatic	5.937E-04	0.	1.543E-04	0.
23	23	25	Le	LinStatic	6.577E-04	0.	4.833E-04	0.
23	23	23	Le	LinStatic	-1.251E-03	0.	-6.376E-04	0.
24	24	55	DEAD	LinStatic	1.073E-03	0.	1.006E-04	0.
24	24	57	DEAD	LinStatic	-1.209E-03	0.	-4.449E-04	0.
24	24	25	DEAD	LinStatic	1.365E-04	0.	3.442E-04	0.
24	24	55	Lr	LinStatic	1.061E-03	0.	1.000E-04	0.
24	24	57	Lr	LinStatic	-1.196E-03	0.	-4.428E-04	0.
24	24	25	Lr	LinStatic	1.353E-04	0.	3.427E-04	0.
24	24	55	Le	LinStatic	4.753E-04	0.	4.482E-05	0.
24	24	57	Le	LinStatic	-5.359E-04	0.	-1.984E-04	0.
24	24	25	Le	LinStatic	6.064E-05	0.	1.536E-04	0.
25	25	25	DEAD	LinStatic	-1.246E-03	0.	3.435E-04	0.
25	25	57	DEAD	LinStatic	2.316E-03	0.	-1.358E-03	0.
25	25	59	DEAD	LinStatic	-1.070E-03	0.	1.014E-03	0.
25	25	25	Lr	LinStatic	-1.232E-03	0.	3.420E-04	0.
25	25	57	Lr	LinStatic	2.290E-03	0.	-1.345E-03	0.
25	25	59	Lr	LinStatic	-1.057E-03	0.	1.003E-03	0.
25	25	25	Le	LinStatic	-5.521E-04	0.	1.532E-04	0.
25	25	57	Le	LinStatic	1.026E-03	0.	-6.028E-04	0.
25	25	59	Le	LinStatic	-4.738E-04	0.	4.495E-04	0.
26	26	59	DEAD	LinStatic	3.146E-04	0.	1.226E-04	0.
26	26	29	DEAD	LinStatic	2.163E-04	0.	1.381E-04	0.
26	26	25	DEAD	LinStatic	-5.309E-04	0.	-2.608E-04	0.
26	26	59	Lr	LinStatic	3.115E-04	0.	1.197E-04	0.
26	26	29	Lr	LinStatic	2.129E-04	0.	1.383E-04	0.
26	26	25	Lr	LinStatic	-5.244E-04	0.	-2.581E-04	0.
26	26	59	Le	LinStatic	1.396E-04	0.	5.364E-05	0.
26	26	29	Le	LinStatic	9.539E-05	0.	6.198E-05	0.
26	26	25	Le	LinStatic	-2.350E-04	0.	-1.156E-04	0.
27	27	59	DEAD	LinStatic	7.478E-04	0.	1.020E-04	0.
27	27	31	DEAD	LinStatic	5.247E-04	0.	7.453E-04	0.
27	27	29	DEAD	LinStatic	-1.273E-03	0.	-8.473E-04	0.
27	27	59	Lr	LinStatic	7.373E-04	0.	9.955E-05	0.
27	27	31	Lr	LinStatic	5.182E-04	0.	7.371E-04	0.
27	27	29	Lr	LinStatic	-1.256E-03	0.	-8.367E-04	0.
27	27	59	Le	LinStatic	3.304E-04	0.	4.461E-05	0.
27	27	31	Le	LinStatic	2.322E-04	0.	3.303E-04	0.
27	27	29	Le	LinStatic	-5.625E-04	0.	-3.749E-04	0.
28	28	59	DEAD	LinStatic	1.289E-05	0.	-4.754E-04	0.
28	28	61	DEAD	LinStatic	5.606E-04	0.	4.416E-04	0.
28	28	31	DEAD	LinStatic	-5.735E-04	0.	3.379E-05	0.
28	28	59	Lr	LinStatic	1.290E-05	0.	-4.687E-04	0.
28	28	61	Lr	LinStatic	5.543E-04	0.	4.347E-04	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
28	28	31	Lr	LinStatic	-5.672E-04	0.	3.398E-05	0.
28	28	59	Le	LinStatic	5.781E-06	0.	-2.100E-04	0.
28	28	61	Le	LinStatic	2.484E-04	0.	1.948E-04	0.
28	28	31	Le	LinStatic	-2.541E-04	0.	1.522E-05	0.
29	29	32	DEAD	LinStatic	-5.738E-04	0.	3.379E-05	0.
29	29	62	DEAD	LinStatic	5.609E-04	0.	4.417E-04	0.
29	29	60	DEAD	LinStatic	1.290E-05	0.	-4.755E-04	0.
29	29	32	Lr	LinStatic	-5.675E-04	0.	3.398E-05	0.
29	29	62	Lr	LinStatic	5.546E-04	0.	4.349E-04	0.
29	29	60	Lr	LinStatic	1.291E-05	0.	-4.689E-04	0.
29	29	32	Le	LinStatic	-2.543E-04	0.	1.522E-05	0.
29	29	62	Le	LinStatic	2.485E-04	0.	1.949E-04	0.
29	29	60	Le	LinStatic	5.783E-06	0.	-2.101E-04	0.
30	30	60	DEAD	LinStatic	7.487E-04	0.	1.036E-04	0.
30	30	30	DEAD	LinStatic	-1.273E-03	0.	-8.494E-04	0.
30	30	32	DEAD	LinStatic	5.244E-04	0.	7.458E-04	0.
30	30	60	Lr	LinStatic	7.381E-04	0.	1.012E-04	0.
30	30	30	Lr	LinStatic	-1.256E-03	0.	-8.392E-04	0.
30	30	32	Lr	LinStatic	5.181E-04	0.	7.379E-04	0.
30	30	60	Le	LinStatic	3.307E-04	0.	4.537E-05	0.
30	30	30	Le	LinStatic	-5.628E-04	0.	-3.760E-04	0.
30	30	32	Le	LinStatic	2.321E-04	0.	3.306E-04	0.
31	31	30	DEAD	LinStatic	-3.445E-04	0.	2.478E-04	0.
31	31	60	DEAD	LinStatic	-7.075E-04	0.	4.173E-05	0.
31	31	58	DEAD	LinStatic	1.052E-03	0.	-2.895E-04	0.
31	31	30	Lr	LinStatic	-3.412E-04	0.	2.463E-04	0.
31	31	60	Lr	LinStatic	-6.987E-04	0.	4.058E-05	0.
31	31	58	Lr	LinStatic	1.040E-03	0.	-2.869E-04	0.
31	31	30	Le	LinStatic	-1.529E-04	0.	1.104E-04	0.
31	31	60	Le	LinStatic	-3.131E-04	0.	1.818E-05	0.
31	31	58	Le	LinStatic	4.659E-04	0.	-1.285E-04	0.
32	32	58	DEAD	LinStatic	1.205E-03	0.	2.837E-05	0.
32	32	27	DEAD	LinStatic	-1.716E-03	0.	-1.018E-03	0.
32	32	30	DEAD	LinStatic	5.114E-04	0.	9.899E-04	0.
32	32	58	Lr	LinStatic	1.191E-03	0.	2.552E-05	0.
32	32	27	Lr	LinStatic	-1.696E-03	0.	-1.004E-03	0.
32	32	30	Lr	LinStatic	5.050E-04	0.	9.789E-04	0.
32	32	58	Le	LinStatic	5.335E-04	0.	1.143E-05	0.
32	32	27	Le	LinStatic	-7.598E-04	0.	-4.500E-04	0.
32	32	30	Le	LinStatic	2.263E-04	0.	4.386E-04	0.
33	33	27	DEAD	LinStatic	1.365E-04	0.	3.441E-04	0.
33	33	58	DEAD	LinStatic	-1.208E-03	0.	-4.452E-04	0.
33	33	56	DEAD	LinStatic	1.071E-03	0.	1.012E-04	0.
33	33	27	Lr	LinStatic	1.355E-04	0.	3.426E-04	0.
33	33	58	Lr	LinStatic	-1.195E-03	0.	-4.430E-04	0.
33	33	56	Lr	LinStatic	1.059E-03	0.	1.005E-04	0.
33	33	27	Le	LinStatic	6.069E-05	0.	1.535E-04	0.
33	33	58	Le	LinStatic	-5.353E-04	0.	-1.985E-04	0.
33	33	56	Le	LinStatic	4.746E-04	0.	4.502E-05	0.
34	34	56	DEAD	LinStatic	1.335E-03	0.	3.477E-04	0.
34	34	24	DEAD	LinStatic	-2.810E-03	0.	-1.434E-03	0.
34	34	27	DEAD	LinStatic	1.476E-03	0.	1.086E-03	0.
34	34	56	Lr	LinStatic	1.319E-03	0.	3.423E-04	0.
34	34	24	Lr	LinStatic	-2.777E-03	0.	-1.415E-03	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
34	34	27	Lr	LinStatic	1.458E-03	0.	1.073E-03	0.
34	34	56	Le	LinStatic	5.909E-04	0.	1.534E-04	0.
34	34	24	Le	LinStatic	-1.244E-03	0.	-6.342E-04	0.
34	34	27	Le	LinStatic	6.534E-04	0.	4.808E-04	0.
35	35	24	DEAD	LinStatic	1.941E-03	0.	-7.063E-04	0.
35	35	56	DEAD	LinStatic	-4.633E-04	0.	3.481E-04	0.
35	35	22	DEAD	LinStatic	-1.477E-03	0.	3.581E-04	0.
35	35	24	Lr	LinStatic	1.917E-03	0.	-6.960E-04	0.
35	35	56	Lr	LinStatic	-4.575E-04	0.	3.427E-04	0.
35	35	22	Lr	LinStatic	-1.460E-03	0.	3.533E-04	0.
35	35	24	Le	LinStatic	8.591E-04	0.	-3.119E-04	0.
35	35	56	Le	LinStatic	-2.050E-04	0.	1.536E-04	0.
35	35	22	Le	LinStatic	-6.542E-04	0.	1.583E-04	0.
36	36	22	DEAD	LinStatic	-1.441E-03	0.	5.205E-04	0.
36	36	56	DEAD	LinStatic	-1.824E-03	0.	1.170E-03	0.
36	36	54	DEAD	LinStatic	3.265E-03	0.	-1.691E-03	0.
36	36	22	Lr	LinStatic	-1.426E-03	0.	5.170E-04	0.
36	36	56	Lr	LinStatic	-1.804E-03	0.	1.158E-03	0.
36	36	54	Lr	LinStatic	3.229E-03	0.	-1.675E-03	0.
36	36	22	Le	LinStatic	-6.388E-04	0.	2.316E-04	0.
36	36	56	Le	LinStatic	-8.081E-04	0.	5.187E-04	0.
36	36	54	Le	LinStatic	1.447E-03	0.	-7.503E-04	0.
37	37	54	DEAD	LinStatic	-2.621E-03	0.	-1.156E-03	0.
37	37	52	DEAD	LinStatic	1.826E-03	0.	6.349E-04	0.
37	37	22	DEAD	LinStatic	7.948E-04	0.	5.209E-04	0.
37	37	54	Lr	LinStatic	-2.592E-03	0.	-1.146E-03	0.
37	37	52	Lr	LinStatic	1.805E-03	0.	6.282E-04	0.
37	37	22	Lr	LinStatic	7.863E-04	0.	5.174E-04	0.
37	37	54	Le	LinStatic	-1.161E-03	0.	-5.133E-04	0.
37	37	52	Le	LinStatic	8.089E-04	0.	2.815E-04	0.
37	37	22	Le	LinStatic	3.523E-04	0.	2.318E-04	0.
38	38	22	DEAD	LinStatic	2.033E-03	0.	1.149E-03	0.
38	38	52	DEAD	LinStatic	1.426E-03	0.	4.787E-04	0.
38	38	20	DEAD	LinStatic	-3.459E-03	0.	-1.628E-03	0.
38	38	22	Lr	LinStatic	2.009E-03	0.	1.135E-03	0.
38	38	52	Lr	LinStatic	1.410E-03	0.	4.719E-04	0.
38	38	20	Lr	LinStatic	-3.419E-03	0.	-1.607E-03	0.
38	38	22	Le	LinStatic	9.003E-04	0.	5.087E-04	0.
38	38	52	Le	LinStatic	6.316E-04	0.	2.114E-04	0.
38	38	20	Le	LinStatic	-1.532E-03	0.	-7.202E-04	0.
39	39	20	DEAD	LinStatic	3.043E-03	0.	-1.280E-03	0.
39	39	52	DEAD	LinStatic	-1.009E-03	0.	4.789E-04	0.
39	39	18	DEAD	LinStatic	-2.034E-03	0.	8.012E-04	0.
39	39	20	Lr	LinStatic	3.007E-03	0.	-1.264E-03	0.
39	39	52	Lr	LinStatic	-9.974E-04	0.	4.721E-04	0.
39	39	18	Lr	LinStatic	-2.010E-03	0.	7.914E-04	0.
39	39	20	Le	LinStatic	1.348E-03	0.	-5.661E-04	0.
39	39	52	Le	LinStatic	-4.469E-04	0.	2.115E-04	0.
39	39	18	Le	LinStatic	-9.006E-04	0.	3.546E-04	0.
40	40	18	DEAD	LinStatic	-1.420E-03	0.	6.055E-04	0.
40	40	52	DEAD	LinStatic	-2.186E-03	0.	1.145E-03	0.
40	40	50	DEAD	LinStatic	3.605E-03	0.	-1.751E-03	0.
40	40	18	Lr	LinStatic	-1.404E-03	0.	6.011E-04	0.
40	40	52	Lr	LinStatic	-2.161E-03	0.	1.133E-03	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
40	40	50	Lr	LinStatic	3.566E-03	0.	-1.734E-03	0.
40	40	18	Le	LinStatic	-6.293E-04	0.	2.693E-04	0.
40	40	52	Le	LinStatic	-9.684E-04	0.	5.077E-04	0.
40	40	50	Le	LinStatic	1.598E-03	0.	-7.770E-04	0.
41	41	50	DEAD	LinStatic	-3.416E-03	0.	-1.594E-03	0.
41	41	48	DEAD	LinStatic	2.186E-03	0.	9.883E-04	0.
41	41	18	DEAD	LinStatic	1.229E-03	0.	6.056E-04	0.
41	41	50	Lr	LinStatic	-3.378E-03	0.	-1.579E-03	0.
41	41	48	Lr	LinStatic	2.162E-03	0.	9.777E-04	0.
41	41	18	Lr	LinStatic	1.216E-03	0.	6.012E-04	0.
41	41	50	Le	LinStatic	-1.514E-03	0.	-7.075E-04	0.
41	41	48	Le	LinStatic	9.687E-04	0.	4.381E-04	0.
41	41	18	Le	LinStatic	5.448E-04	0.	2.694E-04	0.
42	42	18	DEAD	LinStatic	2.197E-03	0.	1.033E-03	0.
42	42	48	DEAD	LinStatic	1.293E-03	0.	5.173E-04	0.
42	42	16	DEAD	LinStatic	-3.490E-03	0.	-1.550E-03	0.
42	42	18	Lr	LinStatic	2.172E-03	0.	1.021E-03	0.
42	42	48	Lr	LinStatic	1.278E-03	0.	5.101E-04	0.
42	42	16	Lr	LinStatic	-3.450E-03	0.	-1.531E-03	0.
42	42	18	Le	LinStatic	9.730E-04	0.	4.574E-04	0.
42	42	48	Le	LinStatic	5.727E-04	0.	2.285E-04	0.
42	42	16	Le	LinStatic	-1.546E-03	0.	-6.859E-04	0.
43	43	16	DEAD	LinStatic	3.528E-03	0.	-1.583E-03	0.
43	43	48	DEAD	LinStatic	-1.331E-03	0.	5.173E-04	0.
43	43	14	DEAD	LinStatic	-2.197E-03	0.	1.065E-03	0.
43	43	16	Lr	LinStatic	3.487E-03	0.	-1.563E-03	0.
43	43	48	Lr	LinStatic	-1.315E-03	0.	5.101E-04	0.
43	43	14	Lr	LinStatic	-2.172E-03	0.	1.053E-03	0.
43	43	16	Le	LinStatic	1.562E-03	0.	-7.002E-04	0.
43	43	48	Le	LinStatic	-5.893E-04	0.	2.285E-04	0.
43	43	14	Le	LinStatic	-9.731E-04	0.	4.716E-04	0.
44	44	14	DEAD	LinStatic	-1.172E-03	0.	5.978E-04	0.
44	44	48	DEAD	LinStatic	-2.153E-03	0.	9.415E-04	0.
44	44	46	DEAD	LinStatic	3.325E-03	0.	-1.539E-03	0.
44	44	14	Lr	LinStatic	-1.160E-03	0.	5.936E-04	0.
44	44	48	Lr	LinStatic	-2.130E-03	0.	9.319E-04	0.
44	44	46	Lr	LinStatic	3.289E-03	0.	-1.526E-03	0.
44	44	14	Le	LinStatic	-5.196E-04	0.	2.660E-04	0.
44	44	48	Le	LinStatic	-9.542E-04	0.	4.175E-04	0.
44	44	46	Le	LinStatic	1.474E-03	0.	-6.835E-04	0.
45	45	46	DEAD	LinStatic	-3.592E-03	0.	-1.759E-03	0.
45	45	44	DEAD	LinStatic	2.153E-03	0.	1.162E-03	0.
45	45	14	DEAD	LinStatic	1.439E-03	0.	5.976E-04	0.
45	45	46	Lr	LinStatic	-3.553E-03	0.	-1.743E-03	0.
45	45	44	Lr	LinStatic	2.129E-03	0.	1.150E-03	0.
45	45	14	Lr	LinStatic	1.424E-03	0.	5.934E-04	0.
45	45	46	Le	LinStatic	-1.592E-03	0.	-7.809E-04	0.
45	45	44	Le	LinStatic	9.538E-04	0.	5.151E-04	0.
45	45	14	Le	LinStatic	6.379E-04	0.	2.659E-04	0.
46	46	44	DEAD	LinStatic	9.337E-04	0.	4.632E-04	0.
46	46	12	DEAD	LinStatic	-2.901E-03	0.	-1.202E-03	0.
46	46	14	DEAD	LinStatic	1.967E-03	0.	7.388E-04	0.
46	46	44	Lr	LinStatic	9.227E-04	0.	4.566E-04	0.
46	46	12	Lr	LinStatic	-2.868E-03	0.	-1.187E-03	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
46	46	14	Lr	LinStatic	1.945E-03	0.	7.300E-04	0.
46	46	44	Le	LinStatic	4.134E-04	0.	2.046E-04	0.
46	46	12	Le	LinStatic	-1.285E-03	0.	-5.317E-04	0.
46	46	14	Le	LinStatic	8.715E-04	0.	3.271E-04	0.
47	47	44	DEAD	LinStatic	-1.425E-03	0.	4.630E-04	0.
47	47	10	DEAD	LinStatic	-1.966E-03	0.	1.151E-03	0.
47	47	12	DEAD	LinStatic	3.392E-03	0.	-1.614E-03	0.
47	47	44	Lr	LinStatic	-1.409E-03	0.	4.564E-04	0.
47	47	10	Lr	LinStatic	-1.944E-03	0.	1.138E-03	0.
47	47	12	Lr	LinStatic	3.353E-03	0.	-1.594E-03	0.
47	47	44	Le	LinStatic	-6.313E-04	0.	2.045E-04	0.
47	47	10	Le	LinStatic	-8.711E-04	0.	5.099E-04	0.
47	47	12	Le	LinStatic	1.502E-03	0.	-7.144E-04	0.
48	48	44	DEAD	LinStatic	-1.727E-03	0.	5.576E-04	0.
48	48	42	DEAD	LinStatic	2.427E-03	0.	-1.055E-03	0.
48	48	10	DEAD	LinStatic	-7.004E-04	0.	4.976E-04	0.
48	48	44	Lr	LinStatic	-1.708E-03	0.	5.521E-04	0.
48	48	42	Lr	LinStatic	2.401E-03	0.	-1.047E-03	0.
48	48	10	Lr	LinStatic	-6.932E-04	0.	4.944E-04	0.
48	48	44	Le	LinStatic	-7.652E-04	0.	2.474E-04	0.
48	48	42	Le	LinStatic	1.076E-03	0.	-4.689E-04	0.
48	48	10	Le	LinStatic	-3.106E-04	0.	2.215E-04	0.
49	49	10	DEAD	LinStatic	1.422E-03	0.	4.970E-04	0.
49	49	42	DEAD	LinStatic	-3.147E-03	0.	-1.654E-03	0.
49	49	40	DEAD	LinStatic	1.725E-03	0.	1.157E-03	0.
49	49	10	Lr	LinStatic	1.407E-03	0.	4.939E-04	0.
49	49	42	Lr	LinStatic	-3.113E-03	0.	-1.638E-03	0.
49	49	40	Lr	LinStatic	1.706E-03	0.	1.144E-03	0.
49	49	10	Le	LinStatic	6.305E-04	0.	2.213E-04	0.
49	49	42	Le	LinStatic	-1.395E-03	0.	-7.340E-04	0.
49	49	40	Le	LinStatic	7.642E-04	0.	5.127E-04	0.
50	50	40	DEAD	LinStatic	3.503E-04	0.	3.173E-04	0.
50	50	8	DEAD	LinStatic	-1.696E-03	0.	-5.834E-04	0.
50	50	10	DEAD	LinStatic	1.346E-03	0.	2.661E-04	0.
50	50	40	Lr	LinStatic	3.458E-04	0.	3.123E-04	0.
50	50	8	Lr	LinStatic	-1.676E-03	0.	-5.750E-04	0.
50	50	10	Lr	LinStatic	1.330E-03	0.	2.627E-04	0.
50	50	40	Le	LinStatic	1.549E-04	0.	1.399E-04	0.
50	50	8	Le	LinStatic	-7.509E-04	0.	-2.576E-04	0.
50	50	10	Le	LinStatic	5.960E-04	0.	1.177E-04	0.
51	51	8	DEAD	LinStatic	2.641E-03	0.	-1.374E-03	0.
51	51	40	DEAD	LinStatic	-1.298E-03	0.	3.168E-04	0.
51	51	6	DEAD	LinStatic	-1.344E-03	0.	1.057E-03	0.
51	51	8	Lr	LinStatic	2.611E-03	0.	-1.357E-03	0.
51	51	40	Lr	LinStatic	-1.283E-03	0.	3.118E-04	0.
51	51	6	Lr	LinStatic	-1.328E-03	0.	1.045E-03	0.
51	51	8	Le	LinStatic	1.170E-03	0.	-6.079E-04	0.
51	51	40	Le	LinStatic	-5.747E-04	0.	1.397E-04	0.
51	51	6	Le	LinStatic	-5.951E-04	0.	4.682E-04	0.
52	52	6	DEAD	LinStatic	-7.032E-06	0.	3.061E-04	0.
52	52	40	DEAD	LinStatic	-9.065E-04	0.	-7.957E-06	0.
52	52	38	DEAD	LinStatic	9.135E-04	0.	-2.982E-04	0.
52	52	6	Lr	LinStatic	-7.668E-06	0.	3.052E-04	0.
52	52	40	Lr	LinStatic	-8.966E-04	0.	-7.188E-06	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
52	52	38	Lr	LinStatic	9.043E-04	0.	-2.980E-04	0.
52	52	6	Le	LinStatic	-3.436E-06	0.	1.367E-04	0.
52	52	40	Le	LinStatic	-4.017E-04	0.	-3.221E-06	0.
52	52	38	Le	LinStatic	4.052E-04	0.	-1.335E-04	0.
53	53	38	DEAD	LinStatic	-2.111E-03	0.	-1.259E-03	0.
53	53	36	DEAD	LinStatic	9.031E-04	0.	9.532E-04	0.
53	53	6	DEAD	LinStatic	1.208E-03	0.	3.053E-04	0.
53	53	38	Lr	LinStatic	-2.089E-03	0.	-1.247E-03	0.
53	53	36	Lr	LinStatic	8.933E-04	0.	9.427E-04	0.
53	53	6	Lr	LinStatic	1.196E-03	0.	3.044E-04	0.
53	53	38	Le	LinStatic	-9.359E-04	0.	-5.588E-04	0.
53	53	36	Le	LinStatic	4.002E-04	0.	4.224E-04	0.
53	53	6	Le	LinStatic	5.357E-04	0.	1.364E-04	0.
54	54	6	DEAD	LinStatic	3.282E-04	0.	-3.670E-04	0.
54	54	36	DEAD	LinStatic	-4.885E-04	0.	7.346E-05	0.
54	54	4	DEAD	LinStatic	1.603E-04	0.	2.936E-04	0.
54	54	6	Lr	LinStatic	3.241E-04	0.	-3.630E-04	0.
54	54	36	Lr	LinStatic	-4.839E-04	0.	7.129E-05	0.
54	54	4	Lr	LinStatic	1.598E-04	0.	2.918E-04	0.
54	54	6	Le	LinStatic	1.452E-04	0.	-1.627E-04	0.
54	54	36	Le	LinStatic	-2.168E-04	0.	3.194E-05	0.
54	54	4	Le	LinStatic	7.159E-05	0.	1.307E-04	0.
55	55	4	DEAD	LinStatic	7.049E-04	0.	-5.933E-04	0.
55	55	36	DEAD	LinStatic	-3.815E-04	0.	3.676E-05	0.
55	55	2	DEAD	LinStatic	-3.234E-04	0.	5.565E-04	0.
55	55	4	Lr	LinStatic	6.960E-04	0.	-5.849E-04	0.
55	55	36	Lr	LinStatic	-3.766E-04	0.	3.566E-05	0.
55	55	2	Lr	LinStatic	-3.194E-04	0.	5.492E-04	0.
55	55	4	Le	LinStatic	3.118E-04	0.	-2.621E-04	0.
55	55	36	Le	LinStatic	-1.687E-04	0.	1.598E-05	0.
55	55	2	Le	LinStatic	-1.431E-04	0.	2.461E-04	0.
56	56	2	DEAD	LinStatic	3.308E-04	0.	1.176E-05	0.
56	56	36	DEAD	LinStatic	-7.116E-06	0.	-4.638E-04	0.
56	56	34	DEAD	LinStatic	-3.237E-04	0.	4.520E-04	0.
56	56	2	Lr	LinStatic	3.272E-04	0.	1.170E-05	0.
56	56	36	Lr	LinStatic	-7.062E-06	0.	-4.576E-04	0.
56	56	34	Lr	LinStatic	-3.202E-04	0.	4.459E-04	0.
56	56	2	Le	LinStatic	1.466E-04	0.	5.244E-06	0.
56	56	36	Le	LinStatic	-3.164E-06	0.	-2.050E-04	0.
56	56	34	Le	LinStatic	-1.434E-04	0.	1.998E-04	0.
57	57	2	DEAD	LinStatic	-3.935E-04	2.309E-04	0.	0.
57	57	1	DEAD	LinStatic	-1.359E-04	1.526E-04	0.	0.
57	57	3	DEAD	LinStatic	3.955E-04	-2.304E-04	0.	0.
57	57	4	DEAD	LinStatic	1.339E-04	-1.531E-04	0.	0.
57	57	2	Lr	LinStatic	-3.902E-04	2.301E-04	0.	0.
57	57	1	Lr	LinStatic	-1.330E-04	1.534E-04	0.	0.
57	57	3	Lr	LinStatic	3.922E-04	-2.302E-04	0.	0.
57	57	4	Lr	LinStatic	1.310E-04	-1.533E-04	0.	0.
57	57	2	Le	LinStatic	-1.748E-04	1.031E-04	0.	0.
57	57	1	Le	LinStatic	-5.961E-05	6.872E-05	0.	0.
57	57	3	Le	LinStatic	1.757E-04	-1.031E-04	0.	0.
57	57	4	Le	LinStatic	5.871E-05	-6.868E-05	0.	0.
58	58	3	DEAD	LinStatic	3.537E-05	1.510E-04	0.	0.
58	58	5	DEAD	LinStatic	5.829E-04	-3.068E-04	0.	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
58	58	6	DEAD	LinStatic	-4.334E-05	-1.513E-04	0.	0.
58	58	4	DEAD	LinStatic	-5.749E-04	3.070E-04	0.	0.
58	58	3	Lr	LinStatic	3.653E-05	1.507E-04	0.	0.
58	58	5	Lr	LinStatic	5.777E-04	-3.047E-04	0.	0.
58	58	6	Lr	LinStatic	-4.451E-05	-1.507E-04	0.	0.
58	58	4	Lr	LinStatic	-5.698E-04	3.047E-04	0.	0.
58	58	3	Le	LinStatic	1.637E-05	6.753E-05	0.	0.
58	58	5	Le	LinStatic	2.589E-04	-1.365E-04	0.	0.
58	58	6	Le	LinStatic	-1.994E-05	-6.754E-05	0.	0.
58	58	4	Le	LinStatic	-2.553E-04	1.365E-04	0.	0.
59	59	5	DEAD	LinStatic	-8.200E-04	-1.152E-04	0.	0.
59	59	7	DEAD	LinStatic	1.367E-03	-5.191E-04	0.	0.
59	59	8	DEAD	LinStatic	8.297E-04	1.150E-04	0.	0.
59	59	6	DEAD	LinStatic	-1.377E-03	5.193E-04	0.	0.
59	59	5	Lr	LinStatic	-8.109E-04	-1.139E-04	0.	0.
59	59	7	Lr	LinStatic	1.351E-03	-5.132E-04	0.	0.
59	59	8	Lr	LinStatic	8.205E-04	1.140E-04	0.	0.
59	59	6	Lr	LinStatic	-1.361E-03	5.131E-04	0.	0.
59	59	5	Le	LinStatic	-3.633E-04	-5.106E-05	0.	0.
59	59	7	Le	LinStatic	6.055E-04	-2.299E-04	0.	0.
59	59	8	Le	LinStatic	3.676E-04	5.107E-05	0.	0.
59	59	6	Le	LinStatic	-6.098E-04	2.299E-04	0.	0.
60	60	7	DEAD	LinStatic	-9.003E-04	-1.694E-04	0.	0.
60	60	9	DEAD	LinStatic	1.305E-03	-4.662E-04	0.	0.
60	60	10	DEAD	LinStatic	8.965E-04	1.691E-04	0.	0.
60	60	8	DEAD	LinStatic	-1.301E-03	4.665E-04	0.	0.
60	60	7	Lr	LinStatic	-8.898E-04	-1.671E-04	0.	0.
60	60	9	Lr	LinStatic	1.291E-03	-4.613E-04	0.	0.
60	60	10	Lr	LinStatic	8.861E-04	1.671E-04	0.	0.
60	60	8	Lr	LinStatic	-1.287E-03	4.614E-04	0.	0.
60	60	7	Le	LinStatic	-3.987E-04	-7.488E-05	0.	0.
60	60	9	Le	LinStatic	5.783E-04	-2.067E-04	0.	0.
60	60	10	Le	LinStatic	3.970E-04	7.487E-05	0.	0.
60	60	8	Le	LinStatic	-5.766E-04	2.067E-04	0.	0.
61	61	10	DEAD	LinStatic	-1.773E-03	5.840E-04	0.	0.
61	61	9	DEAD	LinStatic	-1.443E-03	-3.445E-04	0.	0.
61	61	11	DEAD	LinStatic	1.768E-03	-5.840E-04	0.	0.
61	61	12	DEAD	LinStatic	1.448E-03	3.445E-04	0.	0.
61	61	10	Lr	LinStatic	-1.753E-03	5.771E-04	0.	0.
61	61	9	Lr	LinStatic	-1.427E-03	-3.406E-04	0.	0.
61	61	11	Lr	LinStatic	1.747E-03	-5.774E-04	0.	0.
61	61	12	Lr	LinStatic	1.432E-03	3.409E-04	0.	0.
61	61	10	Le	LinStatic	-7.855E-04	2.586E-04	0.	0.
61	61	9	Le	LinStatic	-6.392E-04	-1.526E-04	0.	0.
61	61	11	Le	LinStatic	7.830E-04	-2.587E-04	0.	0.
61	61	12	Le	LinStatic	6.418E-04	1.528E-04	0.	0.
62	62	12	DEAD	LinStatic	-1.721E-03	5.253E-04	0.	0.
62	62	11	DEAD	LinStatic	-1.487E-03	-3.532E-04	0.	0.
62	62	13	DEAD	LinStatic	1.740E-03	-5.007E-04	0.	0.
62	62	14	DEAD	LinStatic	1.468E-03	3.286E-04	0.	0.
62	62	12	Lr	LinStatic	-1.702E-03	5.196E-04	0.	0.
62	62	11	Lr	LinStatic	-1.470E-03	-3.490E-04	0.	0.
62	62	13	Lr	LinStatic	1.721E-03	-4.954E-04	0.	0.
62	62	14	Lr	LinStatic	1.451E-03	3.247E-04	0.	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
62	62	12	Le	LinStatic	-7.627E-04	2.328E-04	0.	0.
62	62	11	Le	LinStatic	-6.586E-04	-1.564E-04	0.	0.
62	62	13	Le	LinStatic	7.710E-04	-2.220E-04	0.	0.
62	62	14	Le	LinStatic	6.502E-04	1.455E-04	0.	0.
63	63	14	DEAD	LinStatic	-1.882E-03	5.215E-04	0.	0.
63	63	13	DEAD	LinStatic	-1.700E-03	-4.160E-04	0.	0.
63	63	15	DEAD	LinStatic	1.864E-03	-5.459E-04	0.	0.
63	63	16	DEAD	LinStatic	1.718E-03	4.404E-04	0.	0.
63	63	14	Lr	LinStatic	-1.861E-03	5.153E-04	0.	0.
63	63	13	Lr	LinStatic	-1.681E-03	-4.116E-04	0.	0.
63	63	15	Lr	LinStatic	1.842E-03	-5.396E-04	0.	0.
63	63	16	Lr	LinStatic	1.699E-03	4.358E-04	0.	0.
63	63	14	Le	LinStatic	-8.336E-04	2.309E-04	0.	0.
63	63	13	Le	LinStatic	-7.532E-04	-1.844E-04	0.	0.
63	63	15	Le	LinStatic	8.255E-04	-2.418E-04	0.	0.
63	63	16	Le	LinStatic	7.614E-04	1.953E-04	0.	0.
64	64	15	DEAD	LinStatic	-1.809E-03	-5.297E-04	0.	0.
64	64	17	DEAD	LinStatic	1.779E-03	-5.075E-04	0.	0.
64	64	18	DEAD	LinStatic	1.814E-03	5.291E-04	0.	0.
64	64	16	DEAD	LinStatic	-1.783E-03	5.081E-04	0.	0.
64	64	15	Lr	LinStatic	-1.789E-03	-5.235E-04	0.	0.
64	64	17	Lr	LinStatic	1.759E-03	-5.021E-04	0.	0.
64	64	18	Lr	LinStatic	1.793E-03	5.231E-04	0.	0.
64	64	16	Lr	LinStatic	-1.763E-03	5.024E-04	0.	0.
64	64	15	Le	LinStatic	-8.015E-04	-2.345E-04	0.	0.
64	64	17	Le	LinStatic	7.881E-04	-2.250E-04	0.	0.
64	64	18	Le	LinStatic	8.035E-04	2.344E-04	0.	0.
64	64	16	Le	LinStatic	-7.901E-04	2.251E-04	0.	0.
65	65	18	DEAD	LinStatic	-1.579E-03	4.183E-04	0.	0.
65	65	17	DEAD	LinStatic	-1.748E-03	-5.423E-04	0.	0.
65	65	19	DEAD	LinStatic	1.579E-03	-4.180E-04	0.	0.
65	65	20	DEAD	LinStatic	1.747E-03	5.421E-04	0.	0.
65	65	18	Lr	LinStatic	-1.560E-03	4.131E-04	0.	0.
65	65	17	Lr	LinStatic	-1.728E-03	-5.362E-04	0.	0.
65	65	19	Lr	LinStatic	1.561E-03	-4.132E-04	0.	0.
65	65	20	Lr	LinStatic	1.727E-03	5.363E-04	0.	0.
65	65	18	Le	LinStatic	-6.991E-04	1.851E-04	0.	0.
65	65	17	Le	LinStatic	-7.742E-04	-2.403E-04	0.	0.
65	65	19	Le	LinStatic	6.995E-04	-1.851E-04	0.	0.
65	65	20	Le	LinStatic	7.738E-04	2.403E-04	0.	0.
66	66	19	DEAD	LinStatic	-1.796E-03	-5.791E-04	0.	0.
66	66	21	DEAD	LinStatic	1.521E-03	-3.806E-04	0.	0.
66	66	22	DEAD	LinStatic	1.803E-03	5.788E-04	0.	0.
66	66	20	DEAD	LinStatic	-1.528E-03	3.809E-04	0.	0.
66	66	19	Lr	LinStatic	-1.776E-03	-5.723E-04	0.	0.
66	66	21	Lr	LinStatic	1.504E-03	-3.765E-04	0.	0.
66	66	22	Lr	LinStatic	1.782E-03	5.723E-04	0.	0.
66	66	20	Lr	LinStatic	-1.511E-03	3.765E-04	0.	0.
66	66	19	Le	LinStatic	-7.955E-04	-2.564E-04	0.	0.
66	66	21	Le	LinStatic	6.738E-04	-1.687E-04	0.	0.
66	66	22	Le	LinStatic	7.986E-04	2.564E-04	0.	0.
66	66	20	Le	LinStatic	-6.768E-04	1.687E-04	0.	0.
67	67	21	DEAD	LinStatic	-1.417E-03	-5.013E-04	0.	0.
67	67	23	DEAD	LinStatic	1.004E-03	-1.964E-04	0.	0.

Table: Element Joint Forces - Areas, Part 1 of 2

Area	AreaElem	Joint	OutputCase	CaseType	F1	F2	F3	M1
					KN	KN	KN	KN-m
67	67	24	DEAD	LinStatic	1.412E-03	5.010E-04	0.	0.
67	67	22	DEAD	LinStatic	-9.994E-04	1.966E-04	0.	0.
67	67	21	Lr	LinStatic	-1.401E-03	-4.958E-04	0.	0.
67	67	23	Lr	LinStatic	9.919E-04	-1.938E-04	0.	0.
67	67	24	Lr	LinStatic	1.397E-03	4.958E-04	0.	0.
67	67	22	Lr	LinStatic	-9.871E-04	1.938E-04	0.	0.
67	67	21	Le	LinStatic	-6.279E-04	-2.222E-04	0.	0.
67	67	23	Le	LinStatic	4.444E-04	-8.681E-05	0.	0.
67	67	24	Le	LinStatic	6.258E-04	2.222E-04	0.	0.
67	67	22	Le	LinStatic	-4.423E-04	8.681E-05	0.	0.
68	68	23	DEAD	LinStatic	-1.432E-03	-5.171E-04	0.	0.
68	68	25	DEAD	LinStatic	9.798E-04	-1.794E-04	0.	0.
68	68	27	DEAD	LinStatic	1.432E-03	5.167E-04	0.	0.
68	68	24	DEAD	LinStatic	-9.799E-04	1.797E-04	0.	0.
68	68	23	Lr	LinStatic	-1.416E-03	-5.112E-04	0.	0.
68	68	25	Lr	LinStatic	9.680E-04	-1.772E-04	0.	0.
68	68	27	Lr	LinStatic	1.416E-03	5.112E-04	0.	0.
68	68	24	Lr	LinStatic	-9.681E-04	1.772E-04	0.	0.
68	68	23	Le	LinStatic	-6.344E-04	-2.290E-04	0.	0.
68	68	25	Le	LinStatic	4.337E-04	-7.941E-05	0.	0.
68	68	27	Le	LinStatic	6.345E-04	2.291E-04	0.	0.
68	68	24	Le	LinStatic	-4.338E-04	7.940E-05	0.	0.
69	69	25	DEAD	LinStatic	-7.319E-04	-3.544E-04	0.	0.
69	69	29	DEAD	LinStatic	1.317E-04	1.053E-04	0.	0.
69	69	30	DEAD	LinStatic	7.311E-04	3.540E-04	0.	0.
69	69	27	DEAD	LinStatic	-1.309E-04	-1.050E-04	0.	0.
69	69	25	Lr	LinStatic	-7.244E-04	-3.509E-04	0.	0.
69	69	29	Lr	LinStatic	1.290E-04	1.047E-04	0.	0.
69	69	30	Lr	LinStatic	7.236E-04	3.509E-04	0.	0.
69	69	27	Lr	LinStatic	-1.283E-04	-1.047E-04	0.	0.
69	69	25	Le	LinStatic	-3.246E-04	-1.572E-04	0.	0.
69	69	29	Le	LinStatic	5.781E-05	4.690E-05	0.	0.
69	69	30	Le	LinStatic	3.242E-04	1.572E-04	0.	0.
69	69	27	Le	LinStatic	-5.747E-05	-4.690E-05	0.	0.
70	70	29	DEAD	LinStatic	-6.739E-04	-3.298E-04	0.	0.
70	70	31	DEAD	LinStatic	1.891E-04	1.220E-04	0.	0.
70	70	32	DEAD	LinStatic	6.660E-04	3.294E-04	0.	0.
70	70	30	DEAD	LinStatic	-1.811E-04	-1.215E-04	0.	0.
70	70	29	Lr	LinStatic	-6.699E-04	-3.296E-04	0.	0.
70	70	31	Lr	LinStatic	1.834E-04	1.242E-04	0.	0.
70	70	32	Lr	LinStatic	6.616E-04	3.296E-04	0.	0.
70	70	30	Lr	LinStatic	-1.751E-04	-1.242E-04	0.	0.
70	70	29	Le	LinStatic	-3.001E-04	-1.477E-04	0.	0.
70	70	31	Le	LinStatic	8.219E-05	5.565E-05	0.	0.
70	70	32	Le	LinStatic	2.964E-04	1.477E-04	0.	0.
70	70	30	Le	LinStatic	-7.847E-05	-5.564E-05	0.	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
1	1	33	DEAD	2.964E-07	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
1	1	35	DEAD	1.225E-05	0.
1	1	1	DEAD	5.689E-06	0.
1	1	33	Lr	3.814E-07	0.
1	1	35	Lr	1.222E-05	0.
1	1	1	Lr	5.634E-06	0.
1	1	33	Le	1.709E-07	0.
1	1	35	Le	5.477E-06	0.
1	1	1	Le	2.524E-06	0.
2	2	1	DEAD	5.828E-06	0.
2	2	35	DEAD	7.889E-06	0.
2	2	3	DEAD	2.906E-06	0.
2	2	1	Lr	5.728E-06	0.
2	2	35	Lr	7.850E-06	0.
2	2	3	Lr	2.800E-06	0.
2	2	1	Le	2.567E-06	0.
2	2	35	Le	3.517E-06	0.
2	2	3	Le	1.255E-06	0.
3	3	3	DEAD	5.038E-06	0.
3	3	35	DEAD	1.517E-05	0.
3	3	5	DEAD	-7.606E-07	0.
3	3	3	Lr	4.537E-06	0.
3	3	35	Lr	1.541E-05	0.
3	3	5	Lr	-5.707E-07	0.
3	3	3	Le	2.033E-06	0.
3	3	35	Le	6.903E-06	0.
3	3	5	Le	-2.557E-07	0.
4	4	5	DEAD	1.523E-05	0.
4	4	35	DEAD	2.673E-05	0.
4	4	37	DEAD	-1.239E-05	0.
4	4	5	Lr	1.523E-05	0.
4	4	35	Lr	2.669E-05	0.
4	4	37	Lr	-1.237E-05	0.
4	4	5	Le	6.825E-06	0.
4	4	35	Le	1.196E-05	0.
4	4	37	Le	-5.543E-06	0.
5	5	5	DEAD	-5.318E-06	0.
5	5	37	DEAD	1.761E-05	0.
5	5	39	DEAD	-1.802E-05	0.
5	5	5	Lr	-5.227E-06	0.
5	5	37	Lr	1.735E-05	0.
5	5	39	Lr	-1.779E-05	0.
5	5	5	Le	-2.342E-06	0.
5	5	37	Le	7.773E-06	0.
5	5	39	Le	-7.969E-06	0.
6	6	39	DEAD	1.152E-05	0.
6	6	7	DEAD	-1.681E-05	0.
6	6	5	DEAD	2.358E-05	0.
6	6	39	Lr	1.141E-05	0.
6	6	7	Lr	-1.666E-05	0.
6	6	5	Lr	2.332E-05	0.
6	6	39	Le	5.114E-06	0.
6	6	7	Le	-7.464E-06	0.
6	6	5	Le	1.045E-05	0.
7	7	39	DEAD	-9.534E-06	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
7	7	9	DEAD	-2.718E-05	0.
7	7	7	DEAD	2.419E-05	0.
7	7	39	Lr	-9.428E-06	0.
7	7	9	Lr	-2.689E-05	0.
7	7	7	Lr	2.385E-05	0.
7	7	39	Le	-4.224E-06	0.
7	7	9	Le	-1.205E-05	0.
7	7	7	Le	1.069E-05	0.
8	8	39	DEAD	3.044E-05	0.
8	8	41	DEAD	-2.216E-05	0.
8	8	9	DEAD	1.299E-05	0.
8	8	39	Lr	3.007E-05	0.
8	8	41	Lr	-2.192E-05	0.
8	8	9	Lr	1.280E-05	0.
8	8	39	Le	1.347E-05	0.
8	8	41	Le	-9.821E-06	0.
8	8	9	Le	5.737E-06	0.
9	9	9	DEAD	-1.289E-05	0.
9	9	41	DEAD	3.045E-05	0.
9	9	43	DEAD	-3.294E-05	0.
9	9	9	Lr	-1.275E-05	0.
9	9	41	Lr	3.013E-05	0.
9	9	43	Lr	-3.255E-05	0.
9	9	9	Le	-5.713E-06	0.
9	9	41	Le	1.350E-05	0.
9	9	43	Le	-1.459E-05	0.
10	10	43	DEAD	1.591E-05	0.
10	10	11	DEAD	-2.772E-05	0.
10	10	9	DEAD	3.592E-05	0.
10	10	43	Lr	1.575E-05	0.
10	10	11	Lr	-2.745E-05	0.
10	10	9	Lr	3.551E-05	0.
10	10	43	Le	7.055E-06	0.
10	10	11	Le	-1.230E-05	0.
10	10	9	Le	1.591E-05	0.
11	11	43	DEAD	-1.492E-05	0.
11	11	13	DEAD	-3.776E-05	0.
11	11	11	DEAD	3.097E-05	0.
11	11	43	Lr	-1.475E-05	0.
11	11	13	Lr	-3.734E-05	0.
11	11	11	Lr	3.056E-05	0.
11	11	43	Le	-6.607E-06	0.
11	11	13	Le	-1.673E-05	0.
11	11	11	Le	1.369E-05	0.
12	12	13	DEAD	1.662E-05	0.
12	12	43	DEAD	3.926E-05	0.
12	12	45	DEAD	-3.094E-05	0.
12	12	13	Lr	1.642E-05	0.
12	12	43	Lr	3.881E-05	0.
12	12	45	Lr	-3.062E-05	0.
12	12	13	Le	7.357E-06	0.
12	12	43	Le	1.739E-05	0.
12	12	45	Le	-1.372E-05	0.
13	13	13	DEAD	-1.599E-05	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
13	13	45	DEAD	3.369E-05	0.
13	13	47	DEAD	-3.988E-05	0.
13	13	13	Lr	-1.578E-05	0.
13	13	45	Lr	3.333E-05	0.
13	13	47	Lr	-3.940E-05	0.
13	13	13	Le	-7.069E-06	0.
13	13	45	Le	1.493E-05	0.
13	13	47	Le	-1.765E-05	0.
14	14	47	DEAD	1.763E-05	0.
14	14	15	DEAD	-3.282E-05	0.
14	14	13	DEAD	4.143E-05	0.
14	14	47	Lr	1.746E-05	0.
14	14	15	Lr	-3.250E-05	0.
14	14	13	Lr	4.099E-05	0.
14	14	47	Le	7.824E-06	0.
14	14	15	Le	-1.456E-05	0.
14	14	13	Le	1.836E-05	0.
15	15	15	DEAD	3.241E-05	0.
15	15	47	DEAD	-1.735E-05	0.
15	15	17	DEAD	-4.141E-05	0.
15	15	15	Lr	3.198E-05	0.
15	15	47	Lr	-1.717E-05	0.
15	15	17	Lr	-4.097E-05	0.
15	15	15	Le	1.433E-05	0.
15	15	47	Le	-7.692E-06	0.
15	15	17	Le	-1.836E-05	0.
16	16	17	DEAD	1.644E-05	0.
16	16	47	DEAD	4.051E-05	0.
16	16	49	DEAD	-3.385E-05	0.
16	16	17	Lr	1.621E-05	0.
16	16	47	Lr	4.002E-05	0.
16	16	49	Lr	-3.347E-05	0.
16	16	17	Le	7.261E-06	0.
16	16	47	Le	1.793E-05	0.
16	16	49	Le	-1.500E-05	0.
17	17	49	DEAD	3.179E-05	0.
17	17	51	DEAD	-3.994E-05	0.
17	17	17	DEAD	-1.672E-05	0.
17	17	49	Lr	3.145E-05	0.
17	17	51	Lr	-3.948E-05	0.
17	17	17	Lr	-1.653E-05	0.
17	17	49	Le	1.409E-05	0.
17	17	51	Le	-1.769E-05	0.
17	17	17	Le	-7.407E-06	0.
18	18	19	DEAD	-3.186E-05	0.
18	18	17	DEAD	3.899E-05	0.
18	18	51	DEAD	1.565E-05	0.
18	18	19	Lr	-3.154E-05	0.
18	18	17	Lr	3.854E-05	0.
18	18	51	Lr	1.548E-05	0.
18	18	19	Le	-1.413E-05	0.
18	18	17	Le	1.727E-05	0.
18	18	51	Le	6.938E-06	0.
19	19	51	DEAD	-1.647E-05	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
19	19	21	DEAD	-3.752E-05	0.
19	19	19	DEAD	2.874E-05	0.
19	19	51	Lr	-1.629E-05	0.
19	19	21	Lr	-3.711E-05	0.
19	19	19	Lr	2.835E-05	0.
19	19	51	Le	-7.299E-06	0.
19	19	21	Le	-1.663E-05	0.
19	19	19	Le	1.270E-05	0.
20	20	51	DEAD	3.454E-05	0.
20	20	53	DEAD	-3.139E-05	0.
20	20	21	DEAD	1.348E-05	0.
20	20	51	Lr	3.411E-05	0.
20	20	53	Lr	-3.104E-05	0.
20	20	21	Lr	1.328E-05	0.
20	20	51	Le	1.528E-05	0.
20	20	53	Le	-1.391E-05	0.
20	20	21	Le	5.951E-06	0.
21	21	21	DEAD	-1.388E-05	0.
21	21	53	DEAD	2.402E-05	0.
21	21	55	DEAD	-3.236E-05	0.
21	21	21	Lr	-1.372E-05	0.
21	21	53	Lr	2.378E-05	0.
21	21	55	Lr	-3.198E-05	0.
21	21	21	Le	-6.148E-06	0.
21	21	53	Le	1.065E-05	0.
21	21	55	Le	-1.433E-05	0.
22	22	55	DEAD	1.075E-05	0.
22	22	23	DEAD	-2.576E-05	0.
22	22	21	DEAD	2.940E-05	0.
22	22	55	Lr	1.064E-05	0.
22	22	23	Lr	-2.551E-05	0.
22	22	21	Lr	2.905E-05	0.
22	22	55	Le	4.765E-06	0.
22	22	23	Le	-1.143E-05	0.
22	22	21	Le	1.302E-05	0.
23	23	55	DEAD	-1.221E-05	0.
23	23	25	DEAD	-2.593E-05	0.
23	23	23	DEAD	1.892E-05	0.
23	23	55	Lr	-1.208E-05	0.
23	23	25	Lr	-2.565E-05	0.
23	23	23	Lr	1.864E-05	0.
23	23	55	Le	-5.413E-06	0.
23	23	25	Le	-1.149E-05	0.
23	23	23	Le	8.351E-06	0.
24	24	55	DEAD	2.132E-05	0.
24	24	57	DEAD	-2.268E-05	0.
24	24	25	DEAD	7.512E-06	0.
24	24	55	Lr	2.104E-05	0.
24	24	57	Lr	-2.242E-05	0.
24	24	25	Lr	7.375E-06	0.
24	24	55	Le	9.427E-06	0.
24	24	57	Le	-1.004E-05	0.
24	24	25	Le	3.305E-06	0.
25	25	25	DEAD	-9.359E-06	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
25	25	57	DEAD	1.149E-05	0.
25	25	59	DEAD	-1.994E-05	0.
25	25	25	Lr	-9.276E-06	0.
25	25	57	Lr	1.139E-05	0.
25	25	59	Lr	-1.972E-05	0.
25	25	25	Le	-4.156E-06	0.
25	25	57	Le	5.105E-06	0.
25	25	59	Le	-8.836E-06	0.
26	26	59	DEAD	-5.578E-07	0.
26	26	29	DEAD	-1.310E-05	0.
26	26	25	DEAD	1.101E-05	0.
26	26	59	Lr	-5.688E-07	0.
26	26	29	Lr	-1.298E-05	0.
26	26	25	Lr	1.085E-05	0.
26	26	59	Le	-2.548E-07	0.
26	26	29	Le	-5.814E-06	0.
26	26	25	Le	4.863E-06	0.
27	27	59	DEAD	-2.866E-06	0.
27	27	31	DEAD	-6.408E-07	0.
27	27	29	DEAD	1.909E-07	0.
27	27	59	Lr	-2.491E-06	0.
27	27	31	Lr	-2.888E-08	0.
27	27	29	Lr	3.938E-08	0.
27	27	59	Le	-1.116E-06	0.
27	27	31	Le	-1.294E-08	0.
27	27	29	Le	1.764E-08	0.
28	28	59	DEAD	6.364E-06	0.
28	28	61	DEAD	-4.943E-05	0.
28	28	31	DEAD	8.154E-06	0.
28	28	59	Lr	6.782E-06	0.
28	28	61	Lr	-5.060E-05	0.
28	28	31	Lr	8.789E-06	0.
28	28	59	Le	3.039E-06	0.
28	28	61	Le	-2.267E-05	0.
28	28	31	Le	3.938E-06	0.
29	29	32	DEAD	8.099E-06	0.
29	29	62	DEAD	-4.940E-05	0.
29	29	60	DEAD	6.311E-06	0.
29	29	32	Lr	8.777E-06	0.
29	29	62	Lr	-5.058E-05	0.
29	29	60	Lr	6.748E-06	0.
29	29	32	Le	3.933E-06	0.
29	29	62	Le	-2.266E-05	0.
29	29	60	Le	3.023E-06	0.
30	30	60	DEAD	-2.871E-06	0.
30	30	30	DEAD	1.169E-07	0.
30	30	32	DEAD	-6.834E-07	0.
30	30	60	Lr	-2.484E-06	0.
30	30	30	Lr	4.866E-08	0.
30	30	32	Lr	-3.892E-08	0.
30	30	60	Le	-1.113E-06	0.
30	30	30	Le	2.180E-08	0.
30	30	32	Le	-1.744E-08	0.
31	31	30	DEAD	6.248E-06	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
31	31	60	DEAD	-2.166E-05	0.
31	31	58	DEAD	1.410E-05	0.
31	31	30	Lr	6.233E-06	0.
31	31	60	Lr	-2.145E-05	0.
31	31	58	Lr	1.397E-05	0.
31	31	30	Le	2.793E-06	0.
31	31	60	Le	-9.612E-06	0.
31	31	58	Le	6.259E-06	0.
32	32	58	DEAD	-8.104E-06	0.
32	32	27	DEAD	1.147E-05	0.
32	32	30	DEAD	-1.695E-05	0.
32	32	58	Lr	-7.999E-06	0.
32	32	27	Lr	1.141E-05	0.
32	32	30	Lr	-1.672E-05	0.
32	32	58	Le	-3.584E-06	0.
32	32	27	Le	5.113E-06	0.
32	32	30	Le	-7.489E-06	0.
33	33	27	DEAD	7.352E-06	0.
33	33	58	DEAD	-2.253E-05	0.
33	33	56	DEAD	2.112E-05	0.
33	33	27	Lr	7.293E-06	0.
33	33	58	Lr	-2.230E-05	0.
33	33	56	Lr	2.087E-05	0.
33	33	27	Le	3.267E-06	0.
33	33	58	Le	-9.991E-06	0.
33	33	56	Le	9.351E-06	0.
34	34	56	DEAD	-1.224E-05	0.
34	34	24	DEAD	1.868E-05	0.
34	34	27	DEAD	-2.588E-05	0.
34	34	56	Lr	-1.210E-05	0.
34	34	24	Lr	1.851E-05	0.
34	34	27	Lr	-2.556E-05	0.
34	34	56	Le	-5.421E-06	0.
34	34	24	Le	8.292E-06	0.
34	34	27	Le	-1.145E-05	0.
35	35	24	DEAD	-2.573E-05	0.
35	35	56	DEAD	1.074E-05	0.
35	35	22	DEAD	2.928E-05	0.
35	35	24	Lr	-2.537E-05	0.
35	35	56	Lr	1.062E-05	0.
35	35	22	Lr	2.896E-05	0.
35	35	24	Le	-1.137E-05	0.
35	35	56	Le	4.759E-06	0.
35	35	22	Le	1.298E-05	0.
36	36	22	DEAD	-1.378E-05	0.
36	36	56	DEAD	-3.222E-05	0.
36	36	54	DEAD	2.400E-05	0.
36	36	22	Lr	-1.359E-05	0.
36	36	56	Lr	-3.183E-05	0.
36	36	54	Lr	2.374E-05	0.
36	36	22	Le	-6.087E-06	0.
36	36	56	Le	-1.426E-05	0.
36	36	54	Le	1.064E-05	0.
37	37	54	DEAD	-3.128E-05	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
37	37	52	DEAD	3.428E-05	0.
37	37	22	DEAD	1.330E-05	0.
37	37	54	Lr	-3.095E-05	0.
37	37	52	Lr	3.388E-05	0.
37	37	22	Lr	1.314E-05	0.
37	37	54	Le	-1.387E-05	0.
37	37	52	Le	1.518E-05	0.
37	37	22	Le	5.889E-06	0.
38	38	22	DEAD	-3.744E-05	0.
38	38	52	DEAD	-1.646E-05	0.
38	38	20	DEAD	2.844E-05	0.
38	38	22	Lr	-3.701E-05	0.
38	38	52	Lr	-1.629E-05	0.
38	38	20	Lr	2.816E-05	0.
38	38	22	Le	-1.658E-05	0.
38	38	52	Le	-7.298E-06	0.
38	38	20	Le	1.262E-05	0.
39	39	20	DEAD	-3.170E-05	0.
39	39	52	DEAD	1.562E-05	0.
39	39	18	DEAD	3.878E-05	0.
39	39	20	Lr	-3.128E-05	0.
39	39	52	Lr	1.545E-05	0.
39	39	18	Lr	3.836E-05	0.
39	39	20	Le	-1.401E-05	0.
39	39	52	Le	6.922E-06	0.
39	39	18	Le	1.719E-05	0.
40	40	18	DEAD	-1.661E-05	0.
40	40	52	DEAD	-3.972E-05	0.
40	40	50	DEAD	3.172E-05	0.
40	40	18	Lr	-1.638E-05	0.
40	40	52	Lr	-3.925E-05	0.
40	40	50	Lr	3.137E-05	0.
40	40	18	Le	-7.340E-06	0.
40	40	52	Le	-1.758E-05	0.
40	40	50	Le	1.406E-05	0.
41	41	50	DEAD	-3.376E-05	0.
41	41	48	DEAD	4.017E-05	0.
41	41	18	DEAD	1.622E-05	0.
41	41	50	Lr	-3.340E-05	0.
41	41	48	Lr	3.971E-05	0.
41	41	18	Lr	1.604E-05	0.
41	41	50	Le	-1.497E-05	0.
41	41	48	Le	1.779E-05	0.
41	41	18	Le	7.185E-06	0.
42	42	18	DEAD	-4.141E-05	0.
42	42	48	DEAD	-1.738E-05	0.
42	42	16	DEAD	3.222E-05	0.
42	42	18	Lr	-4.094E-05	0.
42	42	48	Lr	-1.720E-05	0.
42	42	16	Lr	3.190E-05	0.
42	42	18	Le	-1.834E-05	0.
42	42	48	Le	-7.706E-06	0.
42	42	16	Le	1.429E-05	0.
43	43	16	DEAD	-3.257E-05	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
43	43	48	DEAD	1.760E-05	0.
43	43	14	DEAD	4.131E-05	0.
43	43	16	Lr	-3.213E-05	0.
43	43	48	Lr	1.739E-05	0.
43	43	14	Lr	4.085E-05	0.
43	43	16	Le	-1.440E-05	0.
43	43	48	Le	7.793E-06	0.
43	43	14	Le	1.830E-05	0.
44	44	14	DEAD	-1.579E-05	0.
44	44	48	DEAD	-3.967E-05	0.
44	44	46	DEAD	3.363E-05	0.
44	44	14	Lr	-1.561E-05	0.
44	44	48	Lr	-3.922E-05	0.
44	44	46	Lr	3.328E-05	0.
44	44	14	Le	-6.992E-06	0.
44	44	48	Le	-1.757E-05	0.
44	44	46	Le	1.491E-05	0.
45	45	46	DEAD	-3.092E-05	0.
45	45	44	DEAD	3.902E-05	0.
45	45	14	DEAD	1.652E-05	0.
45	45	46	Lr	-3.058E-05	0.
45	45	44	Lr	3.855E-05	0.
45	45	14	Lr	1.630E-05	0.
45	45	46	Le	-1.370E-05	0.
45	45	44	Le	1.727E-05	0.
45	45	14	Le	7.305E-06	0.
46	46	44	DEAD	-1.489E-05	0.
46	46	12	DEAD	3.052E-05	0.
46	46	14	DEAD	-3.758E-05	0.
46	46	44	Lr	-1.476E-05	0.
46	46	12	Lr	3.022E-05	0.
46	46	14	Lr	-3.719E-05	0.
46	46	44	Le	-6.613E-06	0.
46	46	12	Le	1.354E-05	0.
46	46	14	Le	-1.666E-05	0.
47	47	44	DEAD	1.592E-05	0.
47	47	10	DEAD	3.585E-05	0.
47	47	12	DEAD	-2.774E-05	0.
47	47	44	Lr	1.575E-05	0.
47	47	10	Lr	3.547E-05	0.
47	47	12	Lr	-2.736E-05	0.
47	47	44	Le	7.056E-06	0.
47	47	10	Le	1.589E-05	0.
47	47	12	Le	-1.226E-05	0.
48	48	44	DEAD	-3.273E-05	0.
48	48	42	DEAD	3.040E-05	0.
48	48	10	DEAD	-1.277E-05	0.
48	48	44	Lr	-3.233E-05	0.
48	48	42	Lr	3.007E-05	0.
48	48	10	Lr	-1.258E-05	0.
48	48	44	Le	-1.449E-05	0.
48	48	42	Le	1.347E-05	0.
48	48	10	Le	-5.637E-06	0.
49	49	10	DEAD	1.286E-05	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
49	49	42	DEAD	-2.209E-05	0.
49	49	40	DEAD	3.022E-05	0.
49	49	10	Lr	1.272E-05	0.
49	49	42	Lr	-2.187E-05	0.
49	49	40	Lr	2.987E-05	0.
49	49	10	Le	5.700E-06	0.
49	49	42	Le	-9.797E-06	0.
49	49	40	Le	1.338E-05	0.
50	50	40	DEAD	-9.538E-06	0.
50	50	8	DEAD	2.394E-05	0.
50	50	10	DEAD	-2.707E-05	0.
50	50	40	Lr	-9.437E-06	0.
50	50	8	Lr	2.371E-05	0.
50	50	10	Lr	-2.676E-05	0.
50	50	40	Le	-4.228E-06	0.
50	50	8	Le	1.062E-05	0.
50	50	10	Le	-1.199E-05	0.
51	51	8	DEAD	-1.676E-05	0.
51	51	40	DEAD	1.153E-05	0.
51	51	6	DEAD	2.349E-05	0.
51	51	8	Lr	-1.651E-05	0.
51	51	40	Lr	1.142E-05	0.
51	51	6	Lr	2.326E-05	0.
51	51	8	Le	-7.397E-06	0.
51	51	40	Le	5.115E-06	0.
51	51	6	Le	1.042E-05	0.
52	52	6	DEAD	-5.244E-06	0.
52	52	40	DEAD	-1.790E-05	0.
52	52	38	DEAD	1.757E-05	0.
52	52	6	Lr	-5.113E-06	0.
52	52	40	Lr	-1.765E-05	0.
52	52	38	Lr	1.728E-05	0.
52	52	6	Le	-2.291E-06	0.
52	52	40	Le	-7.910E-06	0.
52	52	38	Le	7.744E-06	0.
53	53	38	DEAD	-1.240E-05	0.
53	53	36	DEAD	2.663E-05	0.
53	53	6	DEAD	1.516E-05	0.
53	53	38	Lr	-1.239E-05	0.
53	53	36	Lr	2.661E-05	0.
53	53	6	Lr	1.521E-05	0.
53	53	38	Le	-5.553E-06	0.
53	53	36	Le	1.192E-05	0.
53	53	6	Le	6.815E-06	0.
54	54	6	DEAD	-7.824E-07	0.
54	54	36	DEAD	1.518E-05	0.
54	54	4	DEAD	4.873E-06	0.
54	54	6	Lr	-5.617E-07	0.
54	54	36	Lr	1.542E-05	0.
54	54	4	Lr	4.457E-06	0.
54	54	6	Le	-2.517E-07	0.
54	54	36	Le	6.907E-06	0.
54	54	4	Le	1.997E-06	0.
55	55	4	DEAD	2.900E-06	0.

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
55	55	36	DEAD	7.883E-06	0.
55	55	2	DEAD	5.802E-06	0.
55	55	4	Lr	2.825E-06	0.
55	55	36	Lr	7.856E-06	0.
55	55	2	Lr	5.720E-06	0.
55	55	4	Le	1.266E-06	0.
55	55	36	Le	3.520E-06	0.
55	55	2	Le	2.563E-06	0.
56	56	2	DEAD	5.668E-06	0.
56	56	36	DEAD	1.226E-05	0.
56	56	34	DEAD	2.741E-07	0.
56	56	2	Lr	5.628E-06	0.
56	56	36	Lr	1.225E-05	0.
56	56	34	Lr	3.584E-07	0.
56	56	2	Le	2.522E-06	0.
56	56	36	Le	5.487E-06	0.
56	56	34	Le	1.606E-07	0.
57	57	2	DEAD	0.	1.718E-06
57	57	1	DEAD	0.	1.660E-06
57	57	3	DEAD	0.	1.311E-06
57	57	4	DEAD	0.	1.369E-06
57	57	2	Lr	0.	1.712E-06
57	57	1	Lr	0.	1.721E-06
57	57	3	Lr	0.	1.372E-06
57	57	4	Lr	0.	1.363E-06
57	57	2	Le	0.	7.670E-07
57	57	1	Le	0.	7.710E-07
57	57	3	Le	0.	6.149E-07
57	57	4	Le	0.	6.109E-07
58	58	3	DEAD	0.	3.478E-06
58	58	5	DEAD	0.	2.440E-06
58	58	6	DEAD	0.	2.512E-06
58	58	4	DEAD	0.	3.550E-06
58	58	3	Lr	0.	3.524E-06
58	58	5	Lr	0.	2.483E-06
58	58	6	Lr	0.	2.478E-06
58	58	4	Lr	0.	3.519E-06
58	58	3	Le	0.	1.579E-06
58	58	5	Le	0.	1.113E-06
58	58	6	Le	0.	1.110E-06
58	58	4	Le	0.	1.577E-06
59	59	5	DEAD	0.	1.555E-06
59	59	7	DEAD	0.	3.425E-06
59	59	8	DEAD	0.	3.508E-06
59	59	6	DEAD	0.	1.639E-06
59	59	5	Lr	0.	1.564E-06
59	59	7	Lr	0.	3.423E-06
59	59	8	Lr	0.	3.411E-06
59	59	6	Lr	0.	1.552E-06
59	59	5	Le	0.	7.010E-07
59	59	7	Le	0.	1.534E-06
59	59	8	Le	0.	1.528E-06
59	59	6	Le	0.	6.956E-07
60	60	7	DEAD	0.	1.697E-06

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
60	60	9	DEAD	0.	1.567E-06
60	60	10	DEAD	0.	1.669E-06
60	60	8	DEAD	0.	1.798E-06
60	60	7	Lr	0.	1.730E-06
60	60	9	Lr	0.	1.602E-06
60	60	10	Lr	0.	1.612E-06
60	60	8	Lr	0.	1.739E-06
60	60	7	Le	0.	7.752E-07
60	60	9	Le	0.	7.178E-07
60	60	10	Le	0.	7.220E-07
60	60	8	Le	0.	7.793E-07
61	61	10	DEAD	0.	7.174E-07
61	61	9	DEAD	0.	7.377E-07
61	61	11	DEAD	0.	2.202E-06
61	61	12	DEAD	0.	2.180E-06
61	61	10	Lr	0.	6.519E-07
61	61	9	Lr	0.	7.737E-07
61	61	11	Lr	0.	2.221E-06
61	61	12	Lr	0.	2.098E-06
61	61	10	Le	0.	2.921E-07
61	61	9	Le	0.	3.466E-07
61	61	11	Le	0.	9.952E-07
61	61	12	Le	0.	9.400E-07
62	62	12	DEAD	0.	8.974E-07
62	62	11	DEAD	0.	6.996E-07
62	62	13	DEAD	0.	-1.542E-06
62	62	14	DEAD	0.	-1.344E-06
62	62	12	Lr	0.	8.760E-07
62	62	11	Lr	0.	7.188E-07
62	62	13	Lr	0.	-1.496E-06
62	62	14	Lr	0.	-1.338E-06
62	62	12	Le	0.	3.925E-07
62	62	11	Le	0.	3.220E-07
62	62	13	Le	0.	-6.703E-07
62	62	14	Le	0.	-5.993E-07
63	63	14	DEAD	0.	-2.587E-06
63	63	13	DEAD	0.	-2.462E-06
63	63	15	DEAD	0.	9.957E-07
63	63	16	DEAD	0.	8.724E-07
63	63	14	Lr	0.	-2.585E-06
63	63	13	Lr	0.	-2.423E-06
63	63	15	Lr	0.	9.954E-07
63	63	16	Lr	0.	8.343E-07
63	63	14	Le	0.	-1.158E-06
63	63	13	Le	0.	-1.086E-06
63	63	15	Le	0.	4.460E-07
63	63	16	Le	0.	3.738E-07
64	64	15	DEAD	0.	-8.251E-07
64	64	17	DEAD	0.	5.199E-07
64	64	18	DEAD	0.	7.484E-07
64	64	16	DEAD	0.	-5.949E-07
64	64	15	Lr	0.	-7.574E-07
64	64	17	Lr	0.	5.732E-07
64	64	18	Lr	0.	6.954E-07

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
64	64	16	Lr	0.	-6.338E-07
64	64	15	Le	0.	-3.394E-07
64	64	17	Le	0.	2.568E-07
64	64	18	Le	0.	3.116E-07
64	64	16	Le	0.	-2.840E-07
65	65	18	DEAD	0.	-9.682E-07
65	65	17	DEAD	0.	-1.045E-06
65	65	19	DEAD	0.	-5.585E-07
65	65	20	DEAD	0.	-4.815E-07
65	65	18	Lr	0.	-1.010E-06
65	65	17	Lr	0.	-9.942E-07
65	65	19	Lr	0.	-5.129E-07
65	65	20	Lr	0.	-5.287E-07
65	65	18	Le	0.	-4.526E-07
65	65	17	Le	0.	-4.454E-07
65	65	19	Le	0.	-2.298E-07
65	65	20	Le	0.	-2.369E-07
66	66	19	DEAD	0.	-1.651E-06
66	66	21	DEAD	0.	-9.377E-09
66	66	22	DEAD	0.	9.298E-08
66	66	20	DEAD	0.	-1.549E-06
66	66	19	Lr	0.	-1.579E-06
66	66	21	Lr	0.	4.957E-08
66	66	22	Lr	0.	5.695E-08
66	66	20	Lr	0.	-1.572E-06
66	66	19	Le	0.	-7.075E-07
66	66	21	Le	0.	2.221E-08
66	66	22	Le	0.	2.552E-08
66	66	20	Le	0.	-7.042E-07
67	67	21	DEAD	0.	-1.779E-06
67	67	23	DEAD	0.	-2.054E-06
67	67	24	DEAD	0.	-1.958E-06
67	67	22	DEAD	0.	-1.683E-06
67	67	21	Lr	0.	-1.720E-06
67	67	23	Lr	0.	-1.985E-06
67	67	24	Lr	0.	-1.979E-06
67	67	22	Lr	0.	-1.714E-06
67	67	21	Le	0.	-7.706E-07
67	67	23	Le	0.	-8.896E-07
67	67	24	Le	0.	-8.869E-07
67	67	22	Le	0.	-7.679E-07
68	68	23	DEAD	0.	-2.678E-06
68	68	25	DEAD	0.	-2.267E-06
68	68	27	DEAD	0.	-2.142E-06
68	68	24	DEAD	0.	-2.553E-06
68	68	23	Lr	0.	-2.575E-06
68	68	25	Lr	0.	-2.171E-06
68	68	27	Lr	0.	-2.175E-06
68	68	24	Lr	0.	-2.578E-06
68	68	23	Le	0.	-1.154E-06
68	68	25	Le	0.	-9.728E-07
68	68	27	Le	0.	-9.744E-07
68	68	24	Le	0.	-1.155E-06
69	69	25	DEAD	0.	-4.439E-06

Table: Element Joint Forces - Areas, Part 2 of 2

Area	AreaElem	Joint	OutputCase	M2	M3
				KN-m	KN-m
69	69	29	DEAD	0.	-4.420E-06
69	69	30	DEAD	0.	-4.301E-06
69	69	27	DEAD	0.	-4.320E-06
69	69	25	Lr	0.	-4.340E-06
69	69	29	Lr	0.	-4.314E-06
69	69	30	Lr	0.	-4.314E-06
69	69	27	Lr	0.	-4.340E-06
69	69	25	Le	0.	-1.944E-06
69	69	29	Le	0.	-1.933E-06
69	69	30	Le	0.	-1.933E-06
69	69	27	Le	0.	-1.945E-06
70	70	29	DEAD	0.	-3.848E-06
70	70	31	DEAD	0.	-5.097E-06
70	70	32	DEAD	0.	-4.986E-06
70	70	30	DEAD	0.	-3.737E-06
70	70	29	Lr	0.	-3.861E-06
70	70	31	Lr	0.	-5.169E-06
70	70	32	Lr	0.	-5.166E-06
70	70	30	Lr	0.	-3.858E-06
70	70	29	Le	0.	-1.730E-06
70	70	31	Le	0.	-2.316E-06
70	70	32	Le	0.	-2.315E-06
70	70	30	Le	0.	-1.729E-06

Table: Element Joint Forces - Frames, Part 1 of 2

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
1	34	DEAD	LinStatic	0.025	-8.180E-04	0.138	-1.773E-05	-0.0046
1	36	DEAD	LinStatic	-0.025	8.180E-04	0.169	1.773E-05	0.0077
1	34	Lr	LinStatic	0.024	-8.019E-04	0.14	-1.730E-05	-0.0046
1	36	Lr	LinStatic	-0.024	8.019E-04	0.173	1.730E-05	0.008
1	34	Le	LinStatic	0.011	-3.593E-04	0.063	-7.750E-06	-0.002
1	36	Le	LinStatic	-0.011	3.593E-04	0.078	7.750E-06	0.0036
2	36	DEAD	LinStatic	6.57	-2.277E-03	0.311	3.899E-06	-0.0194
2	38	DEAD	LinStatic	-6.57	2.277E-03	0.294	-3.899E-06	0.0159
2	36	Lr	LinStatic	6.496	-2.246E-03	0.316	4.290E-06	-0.0197
2	38	Lr	LinStatic	-6.496	2.246E-03	0.3	-4.290E-06	0.0164
2	36	Le	LinStatic	2.91	-1.006E-03	0.142	1.922E-06	-0.0088
2	38	Le	LinStatic	-2.91	1.006E-03	0.134	-1.922E-06	0.0073
3	38	DEAD	LinStatic	6.595	-1.222E-03	0.315	-2.243E-06	-0.0198
3	40	DEAD	LinStatic	-6.595	1.222E-03	0.29	2.243E-06	0.0149
3	38	Lr	LinStatic	6.52	-1.201E-03	0.32	-2.239E-06	-0.0201
3	40	Lr	LinStatic	-6.52	1.201E-03	0.296	2.239E-06	0.0153
3	38	Le	LinStatic	2.921	-5.382E-04	0.143	-1.003E-06	-0.009
3	40	Le	LinStatic	-2.921	5.382E-04	0.133	1.003E-06	0.0069
4	40	DEAD	LinStatic	12.66	-1.908E-03	0.314	-8.712E-06	-0.0186
4	42	DEAD	LinStatic	-12.66	1.908E-03	0.291	8.712E-06	0.0139
4	40	Lr	LinStatic	12.517	-1.887E-03	0.319	-8.637E-06	-0.0189
4	42	Lr	LinStatic	-12.517	1.887E-03	0.297	8.637E-06	0.0144
4	40	Le	LinStatic	5.608	-8.454E-04	0.143	-3.870E-06	-0.0085
4	42	Le	LinStatic	-5.608	8.454E-04	0.133	3.870E-06	0.0064

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
5	42	DEAD	LinStatic	12.676	-7.876E-04	0.308	-8.391E-07	-0.0166
5	44	DEAD	LinStatic	-12.676	7.876E-04	0.297	8.391E-07	0.0143
5	42	Lr	LinStatic	12.533	-7.773E-04	0.314	-7.996E-07	-0.017
5	44	Lr	LinStatic	-12.533	7.773E-04	0.302	7.996E-07	0.0147
5	42	Le	LinStatic	5.615	-3.483E-04	0.14	-3.583E-07	-0.0076
5	44	Le	LinStatic	-5.615	3.483E-04	0.136	3.583E-07	0.0066
6	44	DEAD	LinStatic	15.83	-5.699E-04	0.308	-3.945E-06	-0.0161
6	46	DEAD	LinStatic	-15.83	5.699E-04	0.297	3.945E-06	0.0137
6	44	Lr	LinStatic	15.653	-5.662E-04	0.314	-3.925E-06	-0.0166
6	46	Lr	LinStatic	-15.653	5.662E-04	0.302	3.925E-06	0.0142
6	44	Le	LinStatic	7.013	-2.537E-04	0.141	-1.759E-06	-0.0074
6	46	Le	LinStatic	-7.013	2.537E-04	0.135	1.759E-06	0.0064
7	46	DEAD	LinStatic	15.837	-4.530E-05	0.303	1.206E-06	-0.0147
7	48	DEAD	LinStatic	-15.837	4.530E-05	0.302	-1.206E-06	0.0146
7	46	Lr	LinStatic	15.659	-4.501E-05	0.308	1.220E-06	-0.0152
7	48	Lr	LinStatic	-15.659	4.501E-05	0.308	-1.220E-06	0.0151
7	46	Le	LinStatic	7.016	-2.017E-05	0.138	5.467E-07	-0.0068
7	48	Le	LinStatic	-7.016	2.017E-05	0.138	-5.467E-07	0.0068
8	48	DEAD	LinStatic	16.081	1.304E-04	0.303	-1.503E-06	-0.0147
8	50	DEAD	LinStatic	-16.081	-1.304E-04	0.302	1.503E-06	0.0145
8	48	Lr	LinStatic	15.899	1.302E-04	0.309	-1.509E-06	-0.0152
8	50	Lr	LinStatic	-15.899	-1.302E-04	0.307	1.509E-06	0.0149
8	48	Le	LinStatic	7.123	5.835E-05	0.138	-6.762E-07	-0.0068
8	50	Le	LinStatic	-7.123	-5.835E-05	0.138	6.762E-07	0.0067
9	50	DEAD	LinStatic	16.077	6.071E-04	0.297	1.533E-06	-0.0138
9	52	DEAD	LinStatic	-16.077	-6.071E-04	0.308	-1.533E-06	0.0159
9	50	Lr	LinStatic	15.895	6.032E-04	0.303	1.526E-06	-0.0142
9	52	Lr	LinStatic	-15.895	-6.032E-04	0.313	-1.526E-06	0.0163
9	50	Le	LinStatic	7.122	2.703E-04	0.136	6.836E-07	-0.0064
9	52	Le	LinStatic	-7.122	-2.703E-04	0.14	-6.836E-07	0.0073
10	52	DEAD	LinStatic	13.41	1.237E-03	0.297	1.777E-06	-0.0142
10	54	DEAD	LinStatic	-13.41	-1.237E-03	0.308	-1.777E-06	0.0163
10	52	Lr	LinStatic	13.257	1.224E-03	0.303	1.720E-06	-0.0147
10	54	Lr	LinStatic	-13.257	-1.224E-03	0.313	-1.720E-06	0.0167
10	52	Le	LinStatic	5.94	5.485E-04	0.136	7.708E-07	-0.0066
10	54	Le	LinStatic	-5.94	-5.485E-04	0.14	-7.708E-07	0.0075
11	54	DEAD	LinStatic	13.396	1.365E-03	0.292	1.763E-06	-0.0139
11	56	DEAD	LinStatic	-13.396	-1.365E-03	0.313	-1.763E-06	0.0181
11	54	Lr	LinStatic	13.242	1.357E-03	0.298	1.759E-06	-0.0143
11	56	Lr	LinStatic	-13.242	-1.357E-03	0.318	-1.759E-06	0.0185
11	54	Le	LinStatic	5.933	6.079E-04	0.133	7.883E-07	-0.0064
11	56	Le	LinStatic	-5.933	-6.079E-04	0.143	-7.883E-07	0.0083
12	56	DEAD	LinStatic	7.819	2.487E-03	0.291	6.917E-06	-0.0147
12	58	DEAD	LinStatic	-7.819	-2.487E-03	0.314	-6.917E-06	0.0191
12	56	Lr	LinStatic	7.727	2.470E-03	0.297	6.871E-06	-0.0151
12	58	Lr	LinStatic	-7.727	-2.470E-03	0.319	-6.871E-06	0.0195
12	56	Le	LinStatic	3.462	1.107E-03	0.133	3.079E-06	-0.0068
12	58	Le	LinStatic	-3.462	-1.107E-03	0.143	-3.079E-06	0.0087
13	58	DEAD	LinStatic	7.795	2.241E-03	0.288	1.220E-05	-0.0152
13	60	DEAD	LinStatic	-7.795	-2.241E-03	0.317	-1.220E-05	0.0209
13	58	Lr	LinStatic	7.703	2.236E-03	0.294	1.242E-05	-0.0156
13	60	Lr	LinStatic	-7.703	-2.236E-03	0.322	-1.242E-05	0.0212
13	58	Le	LinStatic	3.452	1.002E-03	0.132	5.566E-06	-0.007
13	60	Le	LinStatic	-3.452	-1.002E-03	0.144	-5.566E-06	0.0095

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
14	60	DEAD	LinStatic	0.047	1.338E-03	0.268	4.940E-05	-0.0146
14	62	DEAD	LinStatic	-0.047	-1.338E-03	0.241	-4.940E-05	0.01
14	60	Lr	LinStatic	0.047	1.244E-03	0.274	5.040E-05	-0.015
14	62	Lr	LinStatic	-0.047	-1.244E-03	0.244	-5.040E-05	0.01
14	60	Le	LinStatic	0.021	5.574E-04	0.123	2.258E-05	-0.0067
14	62	Le	LinStatic	-0.021	-5.574E-04	0.11	-2.258E-05	0.0045
16	2	DEAD	LinStatic	-2.401	5.615E-03	0.047	-1.137E-05	-0.0048
16	4	DEAD	LinStatic	2.401	-5.615E-03	-0.044	1.137E-05	-0.0045
16	2	Lr	LinStatic	-2.373	5.253E-03	0.046	-1.125E-05	-0.0048
16	4	Lr	LinStatic	2.373	-5.253E-03	-0.046	1.125E-05	-0.0046
16	2	Le	LinStatic	-1.063	2.353E-03	0.021	-5.040E-06	-0.0021
16	4	Le	LinStatic	1.063	-2.353E-03	-0.021	5.040E-06	-0.002
17	4	DEAD	LinStatic	-2.436	-3.612E-04	0.02	-1.786E-06	-0.002
17	6	DEAD	LinStatic	2.436	3.612E-04	-0.015	1.786E-06	-0.0048
17	4	Lr	LinStatic	-2.408	-4.412E-04	0.017	-1.755E-06	-0.0018
17	6	Lr	LinStatic	2.408	4.412E-04	-0.017	1.755E-06	-0.005
17	4	Le	LinStatic	-1.079	-1.977E-04	7.620E-03	-7.864E-07	-8.227E-04
17	6	Le	LinStatic	1.079	1.977E-04	-7.620E-03	7.864E-07	-0.0022
18	6	DEAD	LinStatic	-9.955	1.274E-03	0.015	-5.936E-06	3.082E-04
18	8	DEAD	LinStatic	9.955	-1.274E-03	-9.665E-03	5.936E-06	-0.0052
18	6	Lr	LinStatic	-9.842	1.165E-03	0.012	-5.865E-06	4.714E-04
18	8	Lr	LinStatic	9.842	-1.165E-03	-0.012	5.865E-06	-0.0053
18	6	Le	LinStatic	-4.41	5.219E-04	5.388E-03	-2.628E-06	2.112E-04
18	8	Le	LinStatic	4.41	-5.219E-04	-5.388E-03	2.628E-06	-0.0024
19	8	DEAD	LinStatic	-9.97	1.107E-04	0.013	-2.988E-06	0.0018
19	10	DEAD	LinStatic	9.97	-1.107E-04	-7.716E-03	2.988E-06	-0.0058
19	8	Lr	LinStatic	-9.857	2.037E-05	0.01	-2.951E-06	0.0019
19	10	Lr	LinStatic	9.857	-2.037E-05	-0.01	2.951E-06	-0.0059
19	8	Le	LinStatic	-4.416	9.128E-06	4.545E-03	-1.322E-06	8.461E-04
19	10	Le	LinStatic	4.416	-9.128E-06	-4.545E-03	1.322E-06	-0.0027
20	10	DEAD	LinStatic	-14.571	6.717E-04	9.706E-03	-4.168E-06	0.0031
20	12	DEAD	LinStatic	14.571	-6.717E-04	-4.696E-03	4.168E-06	-0.006
20	10	Lr	LinStatic	-14.407	5.644E-04	7.122E-03	-4.114E-06	0.0033
20	12	Lr	LinStatic	14.407	-5.644E-04	-7.122E-03	4.114E-06	-0.0061
20	10	Le	LinStatic	-6.455	2.529E-04	3.191E-03	-1.843E-06	0.0015
20	12	Le	LinStatic	6.455	-2.529E-04	-3.191E-03	1.843E-06	-0.0027
21	12	DEAD	LinStatic	-14.577	2.237E-04	7.086E-03	-3.536E-06	0.0042
21	14	DEAD	LinStatic	14.577	-2.237E-04	-2.075E-03	3.536E-06	-0.006
21	12	Lr	LinStatic	-14.413	1.845E-04	4.559E-03	-3.458E-06	0.0043
21	14	Lr	LinStatic	14.413	-1.845E-04	-4.559E-03	3.458E-06	-0.0062
21	12	Le	LinStatic	-6.458	8.268E-05	2.042E-03	-1.549E-06	0.0019
21	14	Le	LinStatic	6.458	-8.268E-05	-2.042E-03	1.549E-06	-0.0028
22	14	DEAD	LinStatic	-16.277	-2.710E-04	4.376E-03	4.963E-07	0.0049
22	16	DEAD	LinStatic	16.277	2.710E-04	6.350E-04	-4.963E-07	-0.0057
22	14	Lr	LinStatic	-16.094	-3.023E-04	1.825E-03	4.706E-07	0.005
22	16	Lr	LinStatic	16.094	3.023E-04	-1.825E-03	-4.706E-07	-0.0058
22	14	Le	LinStatic	-7.211	-1.354E-04	8.178E-04	2.109E-07	0.0023
22	16	Le	LinStatic	7.211	1.354E-04	-8.178E-04	-2.109E-07	-0.0026
23	16	DEAD	LinStatic	-16.277	2.701E-04	1.743E-03	-7.058E-07	0.0056
23	18	DEAD	LinStatic	16.277	-2.701E-04	3.268E-03	7.058E-07	-0.0052
23	16	Lr	LinStatic	-16.093	1.637E-04	-7.157E-04	-7.128E-07	0.0056
23	18	Lr	LinStatic	16.093	-1.637E-04	7.157E-04	7.128E-07	-0.0054
23	16	Le	LinStatic	-7.211	7.334E-05	-3.207E-04	-3.194E-07	0.0025
23	18	Le	LinStatic	7.211	-7.334E-05	3.207E-04	3.194E-07	-0.0024

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
24	18	DEAD	LinStatic	-15.068	-5.111E-04	-8.488E-04	1.370E-06	0.0059
24	20	DEAD	LinStatic	15.068	5.111E-04	5.860E-03	-1.370E-06	-0.0045
24	18	Lr	LinStatic	-14.896	-5.939E-04	-3.325E-03	1.350E-06	0.006
24	20	Lr	LinStatic	14.896	5.939E-04	3.325E-03	-1.350E-06	-0.0046
24	18	Le	LinStatic	-6.674	-2.661E-04	-1.490E-03	6.047E-07	0.0027
24	20	Le	LinStatic	6.674	2.661E-04	1.490E-03	-6.047E-07	-0.0021
25	20	DEAD	LinStatic	-15.061	2.195E-05	-3.797E-03	3.593E-07	0.006
25	22	DEAD	LinStatic	15.061	-2.195E-05	8.808E-03	-3.593E-07	-0.0035
25	20	Lr	LinStatic	-14.89	-7.184E-05	-6.196E-03	3.504E-07	0.0061
25	22	Lr	LinStatic	14.89	7.184E-05	6.196E-03	-3.504E-07	-0.0036
25	20	Le	LinStatic	-6.671	-3.219E-05	-2.776E-03	1.570E-07	0.0027
25	22	Le	LinStatic	6.671	3.219E-05	2.776E-03	-1.570E-07	-0.0016
26	22	DEAD	LinStatic	-10.946	-1.220E-03	-5.928E-03	4.105E-06	0.0058
26	24	DEAD	LinStatic	10.946	1.220E-03	0.011	-4.105E-06	-0.0024
26	22	Lr	LinStatic	-10.82	-1.296E-03	-8.345E-03	4.054E-06	0.0059
26	24	Lr	LinStatic	10.82	1.296E-03	8.345E-03	-4.054E-06	-0.0025
26	22	Le	LinStatic	-4.848	-5.807E-04	-3.739E-03	1.816E-06	0.0026
26	24	Le	LinStatic	4.848	5.807E-04	3.739E-03	-1.816E-06	-0.0011
27	24	DEAD	LinStatic	-10.933	-7.383E-05	-9.446E-03	2.891E-06	0.0055
27	27	DEAD	LinStatic	10.933	7.383E-05	0.014	-2.891E-06	-7.509E-04
27	24	Lr	LinStatic	-10.806	-2.108E-04	-0.012	2.895E-06	0.0056
27	27	Lr	LinStatic	10.806	2.108E-04	0.012	-2.895E-06	-9.164E-04
27	24	Le	LinStatic	-4.842	-9.445E-05	-5.274E-03	1.297E-06	0.0025
27	27	Le	LinStatic	4.842	9.445E-05	5.274E-03	-1.297E-06	-4.106E-04
28	27	DEAD	LinStatic	-3.91	-2.586E-03	-0.011	7.380E-06	0.0046
28	30	DEAD	LinStatic	3.91	2.586E-03	0.016	-7.380E-06	7.096E-04
28	27	Lr	LinStatic	-3.864	-2.698E-03	-0.013	7.345E-06	0.0047
28	30	Lr	LinStatic	3.864	2.698E-03	0.013	-7.345E-06	5.351E-04
28	27	Le	LinStatic	-1.731	-1.209E-03	-5.919E-03	3.291E-06	0.0021
28	30	Le	LinStatic	1.731	1.209E-03	5.919E-03	-3.291E-06	2.397E-04
29	30	DEAD	LinStatic	-3.886	2.107E-03	-0.028	2.072E-06	0.0048
29	32	DEAD	LinStatic	3.886	-2.107E-03	0.032	-2.072E-06	0.0053
29	30	Lr	LinStatic	-3.841	2.015E-03	-0.031	1.936E-06	0.005
29	32	Lr	LinStatic	3.841	-2.015E-03	0.031	-1.936E-06	0.0053
29	30	Le	LinStatic	-1.721	9.028E-04	-0.014	8.674E-07	0.0022
29	32	Le	LinStatic	1.721	-9.028E-04	0.014	-8.674E-07	0.0024
30	33	DEAD	LinStatic	0.025	-8.157E-04	0.138	-1.776E-05	-0.0046
30	35	DEAD	LinStatic	-0.025	8.157E-04	0.169	1.776E-05	0.0077
30	33	Lr	LinStatic	0.024	-8.083E-04	0.14	-1.734E-05	-0.0046
30	35	Lr	LinStatic	-0.024	8.083E-04	0.173	1.734E-05	0.0079
30	33	Le	LinStatic	0.011	-3.621E-04	0.063	-7.768E-06	-0.002
30	35	Le	LinStatic	-0.011	3.621E-04	0.078	7.768E-06	0.0036
31	35	DEAD	LinStatic	6.585	-2.289E-03	0.311	3.854E-06	-0.0194
31	37	DEAD	LinStatic	-6.585	2.289E-03	0.294	-3.854E-06	0.0159
31	35	Lr	LinStatic	6.51	-2.256E-03	0.316	4.270E-06	-0.0197
31	37	Lr	LinStatic	-6.51	2.256E-03	0.3	-4.270E-06	0.0164
31	35	Le	LinStatic	2.917	-1.011E-03	0.142	1.913E-06	-0.0088
31	37	Le	LinStatic	-2.917	1.011E-03	0.134	-1.913E-06	0.0073
32	37	DEAD	LinStatic	6.609	-1.235E-03	0.315	-2.330E-06	-0.0198
32	39	DEAD	LinStatic	-6.609	1.235E-03	0.29	2.330E-06	0.0148
32	37	Lr	LinStatic	6.534	-1.214E-03	0.32	-2.339E-06	-0.0201
32	39	Lr	LinStatic	-6.534	1.214E-03	0.296	2.339E-06	0.0153
32	37	Le	LinStatic	2.928	-5.440E-04	0.143	-1.048E-06	-0.009
32	39	Le	LinStatic	-2.928	5.440E-04	0.133	1.048E-06	0.0068

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
33	39	DEAD	LinStatic	12.686	-1.898E-03	0.314	-8.691E-06	-0.0185
33	41	DEAD	LinStatic	-12.686	1.898E-03	0.291	8.691E-06	0.0139
33	39	Lr	LinStatic	12.543	-1.879E-03	0.319	-8.624E-06	-0.0189
33	41	Lr	LinStatic	-12.543	1.879E-03	0.297	8.624E-06	0.0144
33	39	Le	LinStatic	5.62	-8.418E-04	0.143	-3.864E-06	-0.0085
33	41	Le	LinStatic	-5.62	8.418E-04	0.133	3.864E-06	0.0064
34	41	DEAD	LinStatic	12.703	-7.691E-04	0.308	-9.256E-07	-0.0166
34	43	DEAD	LinStatic	-12.703	7.691E-04	0.297	9.256E-07	0.0142
34	41	Lr	LinStatic	12.559	-7.597E-04	0.314	-9.142E-07	-0.017
34	43	Lr	LinStatic	-12.559	7.597E-04	0.302	9.142E-07	0.0147
34	41	Le	LinStatic	5.627	-3.404E-04	0.141	-4.096E-07	-0.0076
34	43	Le	LinStatic	-5.627	3.404E-04	0.135	4.096E-07	0.0066
35	43	DEAD	LinStatic	15.861	-5.827E-04	0.308	-4.936E-06	-0.0161
35	45	DEAD	LinStatic	-15.861	5.827E-04	0.297	4.936E-06	0.0137
35	43	Lr	LinStatic	15.683	-5.764E-04	0.314	-4.900E-06	-0.0165
35	45	Lr	LinStatic	-15.683	5.764E-04	0.302	4.900E-06	0.0142
35	43	Le	LinStatic	7.027	-2.583E-04	0.141	-2.196E-06	-0.0074
35	45	Le	LinStatic	-7.027	2.583E-04	0.135	2.196E-06	0.0064
36	45	DEAD	LinStatic	15.868	-7.241E-05	0.303	2.267E-06	-0.0147
36	47	DEAD	LinStatic	-15.868	7.241E-05	0.302	-2.267E-06	0.0146
36	45	Lr	LinStatic	15.69	-6.815E-05	0.308	2.268E-06	-0.0152
36	47	Lr	LinStatic	-15.69	6.815E-05	0.308	-2.268E-06	0.015
36	45	Le	LinStatic	7.03	-3.053E-05	0.138	1.016E-06	-0.0068
36	47	Le	LinStatic	-7.03	3.053E-05	0.138	-1.016E-06	0.0067
37	47	DEAD	LinStatic	16.113	1.459E-04	0.303	-1.248E-06	-0.0147
37	49	DEAD	LinStatic	-16.113	-1.459E-04	0.302	1.248E-06	0.0145
37	47	Lr	LinStatic	15.931	1.407E-04	0.308	-1.251E-06	-0.0151
37	49	Lr	LinStatic	-15.931	-1.407E-04	0.308	1.251E-06	0.0149
37	47	Le	LinStatic	7.138	6.305E-05	0.138	-5.606E-07	-0.0068
37	49	Le	LinStatic	-7.138	-6.305E-05	0.138	5.606E-07	0.0067
38	49	DEAD	LinStatic	16.109	5.977E-04	0.298	1.315E-06	-0.0138
38	51	DEAD	LinStatic	-16.109	-5.977E-04	0.308	-1.315E-06	0.0158
38	49	Lr	LinStatic	15.926	5.921E-04	0.303	1.325E-06	-0.0142
38	51	Lr	LinStatic	-15.926	-5.921E-04	0.313	-1.325E-06	0.0162
38	49	Le	LinStatic	7.136	2.653E-04	0.136	5.936E-07	-0.0064
38	51	Le	LinStatic	-7.136	-2.653E-04	0.14	-5.936E-07	0.0073
39	51	DEAD	LinStatic	13.436	1.251E-03	0.297	1.920E-06	-0.0142
39	53	DEAD	LinStatic	-13.436	-1.251E-03	0.308	-1.920E-06	0.0163
39	51	Lr	LinStatic	13.282	1.236E-03	0.303	1.856E-06	-0.0146
39	53	Lr	LinStatic	-13.282	-1.236E-03	0.313	-1.856E-06	0.0167
39	51	Le	LinStatic	5.951	5.538E-04	0.136	8.316E-07	-0.0065
39	53	Le	LinStatic	-5.951	-5.538E-04	0.14	-8.316E-07	0.0075
40	53	DEAD	LinStatic	13.421	1.368E-03	0.292	1.656E-06	-0.0139
40	55	DEAD	LinStatic	-13.421	-1.368E-03	0.313	-1.656E-06	0.0181
40	53	Lr	LinStatic	13.267	1.359E-03	0.298	1.624E-06	-0.0143
40	55	Lr	LinStatic	-13.267	-1.359E-03	0.318	-1.624E-06	0.0185
40	53	Le	LinStatic	5.944	6.088E-04	0.133	7.278E-07	-0.0064
40	55	Le	LinStatic	-5.944	-6.088E-04	0.143	-7.278E-07	0.0083
41	55	DEAD	LinStatic	7.829	2.506E-03	0.291	7.071E-06	-0.0147
41	57	DEAD	LinStatic	-7.829	-2.506E-03	0.314	-7.071E-06	0.0191
41	55	Lr	LinStatic	7.737	2.493E-03	0.297	7.022E-06	-0.0151
41	57	Lr	LinStatic	-7.737	-2.493E-03	0.319	-7.022E-06	0.0195
41	55	Le	LinStatic	3.467	1.117E-03	0.133	3.146E-06	-0.0068
41	57	Le	LinStatic	-3.467	-1.117E-03	0.143	-3.146E-06	0.0087

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
42	57	DEAD	LinStatic	7.805	2.257E-03	0.288	1.217E-05	-0.0152
42	59	DEAD	LinStatic	-7.805	-2.257E-03	0.317	-1.217E-05	0.0209
42	57	Lr	LinStatic	7.714	2.240E-03	0.294	1.239E-05	-0.0156
42	59	Lr	LinStatic	-7.714	-2.240E-03	0.322	-1.239E-05	0.0212
42	57	Le	LinStatic	3.456	1.004E-03	0.132	5.550E-06	-0.007
42	59	Le	LinStatic	-3.456	-1.004E-03	0.144	-5.550E-06	0.0095
43	59	DEAD	LinStatic	0.047	1.337E-03	0.268	4.941E-05	-0.0146
43	61	DEAD	LinStatic	-0.047	-1.337E-03	0.241	-4.941E-05	0.01
43	59	Lr	LinStatic	0.047	1.244E-03	0.274	5.042E-05	-0.015
43	61	Lr	LinStatic	-0.047	-1.244E-03	0.244	-5.042E-05	0.01
43	59	Le	LinStatic	0.021	5.574E-04	0.123	2.259E-05	-0.0067
43	61	Le	LinStatic	-0.021	-5.574E-04	0.11	-2.259E-05	0.0045
44	1	DEAD	LinStatic	-2.414	4.894E-03	0.047	-1.149E-05	-0.0048
44	3	DEAD	LinStatic	2.414	-4.894E-03	-0.045	1.149E-05	-0.0045
44	1	Lr	LinStatic	-2.385	5.155E-03	0.046	-1.127E-05	-0.0048
44	3	Lr	LinStatic	2.385	-5.155E-03	-0.046	1.127E-05	-0.0046
44	1	Le	LinStatic	-1.069	2.310E-03	0.021	-5.047E-06	-0.0021
44	3	Le	LinStatic	1.069	-2.310E-03	-0.021	5.047E-06	-0.0021
45	3	DEAD	LinStatic	-2.471	-4.654E-04	0.02	-1.767E-06	-0.002
45	5	DEAD	LinStatic	2.471	4.654E-04	-0.015	1.767E-06	-0.0048
45	3	Lr	LinStatic	-2.442	-3.965E-04	0.017	-1.753E-06	-0.0018
45	5	Lr	LinStatic	2.442	3.965E-04	-0.017	1.753E-06	-0.005
45	3	Le	LinStatic	-1.094	-1.777E-04	7.592E-03	-7.855E-07	-8.133E-04
45	5	Le	LinStatic	1.094	1.777E-04	-7.592E-03	7.855E-07	-0.0022
46	5	DEAD	LinStatic	-10.025	1.013E-03	0.015	-5.990E-06	2.825E-04
46	7	DEAD	LinStatic	10.025	-1.013E-03	-9.866E-03	5.990E-06	-0.0052
46	5	Lr	LinStatic	-9.912	1.093E-03	0.012	-5.916E-06	4.539E-04
46	7	Lr	LinStatic	9.912	-1.093E-03	-0.012	5.916E-06	-0.0053
46	5	Le	LinStatic	-4.441	4.896E-04	5.461E-03	-2.651E-06	2.034E-04
46	7	Le	LinStatic	4.441	-4.896E-04	-5.461E-03	2.651E-06	-0.0024
47	7	DEAD	LinStatic	-10.054	-4.140E-05	0.013	-2.944E-06	0.0018
47	9	DEAD	LinStatic	10.054	4.140E-05	-7.673E-03	2.944E-06	-0.0059
47	7	Lr	LinStatic	-9.941	4.600E-05	0.01	-2.916E-06	0.0019
47	9	Lr	LinStatic	9.941	-4.600E-05	-0.01	2.916E-06	-0.006
47	7	Le	LinStatic	-4.454	2.061E-05	4.513E-03	-1.307E-06	8.624E-04
47	9	Le	LinStatic	4.454	-2.061E-05	-4.513E-03	1.307E-06	-0.0027
48	9	DEAD	LinStatic	-14.68	6.850E-04	9.746E-03	-4.378E-06	0.0031
48	11	DEAD	LinStatic	14.68	-6.850E-04	-4.735E-03	4.378E-06	-0.006
48	9	Lr	LinStatic	-14.515	7.796E-04	7.119E-03	-4.333E-06	0.0033
48	11	Lr	LinStatic	14.515	-7.796E-04	-7.119E-03	4.333E-06	-0.0061
48	9	Le	LinStatic	-6.503	3.493E-04	3.190E-03	-1.941E-06	0.0015
48	11	Le	LinStatic	6.503	-3.493E-04	-3.190E-03	1.941E-06	-0.0027
49	11	DEAD	LinStatic	-14.696	-6.644E-04	7.366E-03	-4.513E-06	0.0042
49	13	DEAD	LinStatic	14.696	6.644E-04	-2.355E-03	4.513E-06	-0.0061
49	11	Lr	LinStatic	-14.53	-6.229E-04	4.828E-03	-4.508E-06	0.0043
49	13	Lr	LinStatic	14.53	6.229E-04	-4.828E-03	4.508E-06	-0.0062
49	11	Le	LinStatic	-6.51	-2.791E-04	2.163E-03	-2.020E-06	0.0019
49	13	Le	LinStatic	6.51	2.791E-04	-2.163E-03	2.020E-06	-0.0028
50	13	DEAD	LinStatic	-16.398	4.793E-04	4.112E-03	2.026E-06	0.005
50	15	DEAD	LinStatic	16.398	-4.793E-04	8.991E-04	-2.026E-06	-0.0057
50	13	Lr	LinStatic	-16.213	5.099E-04	1.559E-03	2.040E-06	0.0051
50	15	Lr	LinStatic	16.213	-5.099E-04	-1.559E-03	-2.040E-06	-0.0058
50	13	Le	LinStatic	-7.264	2.284E-04	6.986E-04	9.140E-07	0.0023
50	15	Le	LinStatic	7.264	-2.284E-04	-6.986E-04	-9.140E-07	-0.0026

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
51	15	DEAD	LinStatic	-16.4	-1.627E-04	1.800E-03	-1.012E-06	0.0055
51	17	DEAD	LinStatic	16.4	1.627E-04	3.210E-03	1.012E-06	-0.0053
51	15	Lr	LinStatic	-16.215	-5.866E-05	-7.010E-04	-9.879E-07	0.0056
51	17	Lr	LinStatic	16.215	5.866E-05	7.010E-04	9.879E-07	-0.0054
51	15	Le	LinStatic	-7.265	-2.628E-05	-3.141E-04	-4.426E-07	0.0025
51	17	Le	LinStatic	7.265	2.628E-05	3.141E-04	4.426E-07	-0.0024
52	17	DEAD	LinStatic	-15.184	-7.399E-04	-6.844E-04	1.331E-06	0.0059
52	19	DEAD	LinStatic	15.184	7.399E-04	5.695E-03	-1.331E-06	-0.0046
52	17	Lr	LinStatic	-15.011	-6.422E-04	-3.192E-03	1.323E-06	0.006
52	19	Lr	LinStatic	15.011	6.422E-04	3.192E-03	-1.323E-06	-0.0047
52	17	Le	LinStatic	-6.726	-2.877E-04	-1.430E-03	5.927E-07	0.0027
52	19	Le	LinStatic	6.726	2.877E-04	1.430E-03	-5.927E-07	-0.0021
53	19	DEAD	LinStatic	-15.171	-6.573E-05	-3.955E-03	4.063E-07	0.0061
53	21	DEAD	LinStatic	15.171	6.573E-05	8.966E-03	-4.063E-07	-0.0035
53	19	Lr	LinStatic	-14.998	2.524E-05	-6.386E-03	3.865E-07	0.0062
53	21	Lr	LinStatic	14.998	-2.524E-05	6.386E-03	-3.865E-07	-0.0036
53	19	Le	LinStatic	-6.72	1.131E-05	-2.861E-03	1.732E-07	0.0028
53	21	Le	LinStatic	6.72	-1.131E-05	2.861E-03	-1.732E-07	-0.0016
54	21	DEAD	LinStatic	-11.032	-1.463E-03	-5.796E-03	4.062E-06	0.0058
54	23	DEAD	LinStatic	11.032	1.463E-03	0.011	-4.062E-06	-0.0024
54	21	Lr	LinStatic	-10.904	-1.367E-03	-8.239E-03	4.007E-06	0.0059
54	23	Lr	LinStatic	10.904	1.367E-03	8.239E-03	-4.007E-06	-0.0026
54	21	Le	LinStatic	-4.886	-6.126E-04	-3.692E-03	1.795E-06	0.0026
54	23	Le	LinStatic	4.886	6.126E-04	3.692E-03	-1.795E-06	-0.0012
55	23	DEAD	LinStatic	-11.005	-2.259E-04	-9.559E-03	2.967E-06	0.0056
55	25	DEAD	LinStatic	11.005	2.259E-04	0.015	-2.967E-06	-7.465E-04
55	23	Lr	LinStatic	-10.878	-1.100E-04	-0.012	2.913E-06	0.0057
55	25	Lr	LinStatic	10.878	1.100E-04	0.012	-2.913E-06	-8.985E-04
55	23	Le	LinStatic	-4.874	-4.929E-05	-5.348E-03	1.305E-06	0.0025
55	25	Le	LinStatic	4.874	4.929E-05	5.348E-03	-1.305E-06	-4.026E-04
56	25	DEAD	LinStatic	-3.937	-2.761E-03	-0.011	7.342E-06	0.0047
56	29	DEAD	LinStatic	3.937	2.761E-03	0.016	-7.342E-06	7.209E-04
56	25	Lr	LinStatic	-3.891	-2.639E-03	-0.013	7.377E-06	0.0048
56	29	Lr	LinStatic	3.891	2.639E-03	0.013	-7.377E-06	5.518E-04
56	25	Le	LinStatic	-1.743	-1.182E-03	-5.965E-03	3.305E-06	0.0021
56	29	Le	LinStatic	1.743	1.182E-03	5.965E-03	-3.305E-06	2.472E-04
57	29	DEAD	LinStatic	-3.891	1.778E-03	-0.028	2.097E-06	0.0048
57	31	DEAD	LinStatic	3.891	-1.778E-03	0.032	-2.097E-06	0.0053
57	29	Lr	LinStatic	-3.845	1.989E-03	-0.03	1.922E-06	0.005
57	31	Lr	LinStatic	3.845	-1.989E-03	0.03	-1.922E-06	0.0053
57	29	Le	LinStatic	-1.723	8.914E-04	-0.014	8.610E-07	0.0022
57	31	Le	LinStatic	1.723	-8.914E-04	0.014	-8.610E-07	0.0024
306	3	DEAD	LinStatic	0.045	5.630E-03	0.02	-4.982E-04	0.0065
306	35	DEAD	LinStatic	-0.045	-5.630E-03	-0.016	-0.0014	0.0089
306	3	Lr	LinStatic	0.045	5.588E-03	0.026	-4.907E-04	0.0064
306	35	Lr	LinStatic	-0.045	-5.588E-03	-0.026	-0.0014	0.0088
306	3	Le	LinStatic	0.02	2.504E-03	0.012	-2.199E-04	0.0029
306	35	Le	LinStatic	-0.02	-2.504E-03	-0.012	-6.314E-04	0.004
307	5	DEAD	LinStatic	0.024	1.054E-03	0.611	-3.645E-04	0.0042
307	37	DEAD	LinStatic	-0.024	-1.054E-03	-0.607	6.184E-06	0.0038
307	5	Lr	LinStatic	0.023	1.042E-03	0.618	-3.609E-04	0.0042
307	37	Lr	LinStatic	-0.023	-1.042E-03	-0.618	6.609E-06	0.0038
307	5	Le	LinStatic	0.01	4.668E-04	0.277	-1.617E-04	0.0019
307	37	Le	LinStatic	-0.01	-4.668E-04	-0.277	2.961E-06	0.0017

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
308	7	DEAD	LinStatic	0.021	1.171E-03	-3.189E-03	-9.001E-05	0.0034
308	39	DEAD	LinStatic	-0.021	-1.171E-03	7.448E-03	-3.080E-04	0.0037
308	7	Lr	LinStatic	0.021	1.153E-03	3.471E-03	-8.662E-05	0.0034
308	39	Lr	LinStatic	-0.021	-1.153E-03	-3.471E-03	-3.053E-04	0.0037
308	7	Le	LinStatic	9.290E-03	5.164E-04	1.555E-03	-3.881E-05	0.0015
308	39	Le	LinStatic	-9.290E-03	-5.164E-04	-1.555E-03	-1.368E-04	0.0016
309	9	DEAD	LinStatic	0.016	1.129E-03	0.601	-3.761E-04	0.0028
309	41	DEAD	LinStatic	-0.016	-1.129E-03	-0.597	-7.766E-06	0.0026
309	9	Lr	LinStatic	0.016	1.119E-03	0.608	-3.728E-04	0.0028
309	41	Lr	LinStatic	-0.016	-1.119E-03	-0.608	-7.710E-06	0.0026
309	9	Le	LinStatic	7.068E-03	5.014E-04	0.272	-1.670E-04	0.0012
309	41	Le	LinStatic	-7.068E-03	-5.014E-04	-0.272	-3.455E-06	0.0012
30A	11	DEAD	LinStatic	0.011	8.842E-04	-2.809E-03	-1.710E-04	0.0018
30A	43	DEAD	LinStatic	-0.011	-8.842E-04	7.068E-03	-1.296E-04	0.0019
30A	11	Lr	LinStatic	0.011	8.683E-04	3.826E-03	-1.677E-04	0.0018
30A	43	Lr	LinStatic	-0.011	-8.683E-04	-3.826E-03	-1.276E-04	0.0018
30A	11	Le	LinStatic	4.759E-03	3.891E-04	1.714E-03	-7.512E-05	7.970E-04
30A	43	Le	LinStatic	-4.759E-03	-3.891E-04	-1.714E-03	-5.716E-05	8.212E-04
30B	13	DEAD	LinStatic	6.178E-03	5.103E-04	0.601	-1.663E-04	0.0011
30B	45	DEAD	LinStatic	-6.178E-03	-5.103E-04	-0.596	-7.204E-06	9.962E-04
30B	13	Lr	LinStatic	6.112E-03	5.083E-04	0.607	-1.656E-04	0.0011
30B	45	Lr	LinStatic	-6.112E-03	-5.083E-04	-0.607	-7.169E-06	9.847E-04
30B	13	Le	LinStatic	2.738E-03	2.277E-04	0.272	-7.422E-05	4.898E-04
30B	45	Le	LinStatic	-2.738E-03	-2.277E-04	-0.272	-3.212E-06	4.412E-04
30C	15	DEAD	LinStatic	6.812E-04	1.012E-04	-1.740E-03	-6.737E-05	1.319E-04
30C	47	DEAD	LinStatic	-6.812E-04	-1.012E-04	6.000E-03	3.296E-05	9.968E-05
30C	15	Lr	LinStatic	6.413E-04	1.041E-04	4.921E-03	-6.626E-05	1.224E-04
30C	47	Lr	LinStatic	-6.413E-04	-1.041E-04	-4.921E-03	3.085E-05	9.561E-05
30C	15	Le	LinStatic	2.873E-04	4.665E-05	2.205E-03	-2.969E-05	5.486E-05
30C	47	Le	LinStatic	-2.873E-04	-4.665E-05	-2.205E-03	1.382E-05	4.284E-05
30D	5	DEAD	LinStatic	4.128	-2.461E-03	-3.503	3.947E-04	1.032E-04
30D	35	DEAD	LinStatic	-4.128	2.461E-03	3.51	4.422E-04	7.581E-04
30D	5	Lr	LinStatic	4.081	-2.443E-03	-3.467	3.893E-04	-1.245E-04
30D	35	Lr	LinStatic	-4.081	2.443E-03	3.467	4.414E-04	0.001
30D	5	Le	LinStatic	1.829	-1.095E-03	-1.553	1.744E-04	-5.579E-05
30D	35	Le	LinStatic	-1.829	1.095E-03	1.553	1.978E-04	4.495E-04
30E	5	DEAD	LinStatic	3.393	-1.233E-04	2.888	-1.891E-05	2.045E-04
30E	39	DEAD	LinStatic	-3.393	1.233E-04	-2.881	6.084E-05	-5.031E-04
30E	5	Lr	LinStatic	3.355	-1.194E-04	2.852	-1.924E-05	4.372E-04
30E	39	Lr	LinStatic	-3.355	1.194E-04	-2.852	5.985E-05	-7.324E-04
30E	5	Le	LinStatic	1.503	-5.351E-05	1.278	-8.622E-06	1.959E-04
30E	39	Le	LinStatic	-1.503	5.351E-05	-1.278	2.681E-05	-3.281E-04
30F	9	DEAD	LinStatic	2.663	-1.711E-03	-2.26	3.281E-04	-6.970E-04
30F	39	DEAD	LinStatic	-2.663	1.711E-03	2.267	2.535E-04	4.838E-04
30F	9	Lr	LinStatic	2.633	-1.698E-03	-2.239	3.256E-04	-9.255E-04
30F	39	Lr	LinStatic	-2.633	1.698E-03	2.239	2.517E-04	7.137E-04
30F	9	Le	LinStatic	1.18	-7.608E-04	-1.003	1.459E-04	-4.147E-04
30F	39	Le	LinStatic	-1.18	7.608E-04	1.003	1.128E-04	3.198E-04
310	9	DEAD	LinStatic	1.939	-2.318E-05	1.653	-3.849E-05	6.288E-04
310	43	DEAD	LinStatic	-1.939	2.318E-05	-1.645	4.637E-05	-8.284E-04
310	9	Lr	LinStatic	1.918	-1.854E-05	1.631	-3.914E-05	8.558E-04
310	43	Lr	LinStatic	-1.918	1.854E-05	-1.631	4.544E-05	-0.0011
310	9	Le	LinStatic	0.859	-8.305E-06	0.731	-1.754E-05	3.835E-04
310	43	Le	LinStatic	-0.859	8.305E-06	-0.731	2.036E-05	-4.726E-04

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
311	13	DEAD	LinStatic	1.208	-6.746E-04	-1.024	1.421E-04	-8.796E-04
311	43	DEAD	LinStatic	-1.208	6.746E-04	1.031	8.726E-05	8.095E-04
311	13	Lr	LinStatic	1.195	-6.665E-04	-1.016	1.405E-04	-0.0011
311	43	Lr	LinStatic	-1.195	6.665E-04	1.016	8.612E-05	0.001
311	13	Le	LinStatic	0.535	-2.986E-04	-0.455	6.294E-05	-4.950E-04
311	43	Le	LinStatic	-0.535	2.986E-04	0.455	3.858E-05	4.643E-04
312	13	DEAD	LinStatic	0.488	-6.270E-05	0.418	1.766E-05	8.858E-04
312	47	DEAD	LinStatic	-0.488	6.270E-05	-0.411	3.660E-06	-9.245E-04
312	13	Lr	LinStatic	0.481	-6.754E-05	0.409	1.861E-05	0.0011
312	47	Lr	LinStatic	-0.481	6.754E-05	-0.409	4.356E-06	-0.0011
312	13	Le	LinStatic	0.216	-3.026E-05	0.183	8.337E-06	4.982E-04
312	47	Le	LinStatic	-0.216	3.026E-05	-0.183	1.951E-06	-5.148E-04
343	17	DEAD	LinStatic	-3.857E-03	4.518E-04	0.601	-1.511E-04	-6.104E-04
343	49	DEAD	LinStatic	3.857E-03	-4.518E-04	-0.596	-2.563E-06	-7.010E-04
343	17	Lr	LinStatic	-3.837E-03	4.514E-04	0.607	-1.509E-04	-6.085E-04
343	49	Lr	LinStatic	3.837E-03	-4.514E-04	-0.607	-2.576E-06	-6.960E-04
343	17	Le	LinStatic	-1.719E-03	2.022E-04	0.272	-6.761E-05	-2.726E-04
343	49	Le	LinStatic	1.719E-03	-2.022E-04	-0.272	-1.154E-06	-3.118E-04
344	19	DEAD	LinStatic	-9.147E-03	-5.606E-04	-5.590E-04	-3.261E-06	-0.0015
344	51	DEAD	LinStatic	9.147E-03	5.606E-04	4.818E-03	1.939E-04	-0.0016
344	19	Lr	LinStatic	-9.071E-03	-5.542E-04	6.072E-03	-2.772E-06	-0.0015
344	51	Lr	LinStatic	9.071E-03	5.542E-04	-6.072E-03	1.912E-04	-0.0016
344	19	Le	LinStatic	-4.064E-03	-2.483E-04	2.721E-03	-1.242E-06	-6.537E-04
344	51	Le	LinStatic	4.064E-03	2.483E-04	-2.721E-03	8.567E-05	-7.281E-04
345	21	DEAD	LinStatic	-0.014	1.167E-04	0.601	-3.994E-05	-0.0023
345	53	DEAD	LinStatic	0.014	-1.167E-04	-0.597	2.641E-07	-0.0024
345	21	Lr	LinStatic	-0.014	1.227E-04	0.608	-4.196E-05	-0.0023
345	53	Lr	LinStatic	0.014	-1.227E-04	-0.608	2.317E-07	-0.0023
345	21	Le	LinStatic	-6.114E-03	5.499E-05	0.272	-1.880E-05	-0.001
345	53	Le	LinStatic	6.114E-03	-5.499E-05	-0.272	1.038E-07	-0.0011
346	23	DEAD	LinStatic	-0.019	-1.174E-03	-5.578E-04	3.734E-05	-0.0031
346	55	DEAD	LinStatic	0.019	1.174E-03	4.817E-03	3.619E-04	-0.0034
346	23	Lr	LinStatic	-0.019	-1.148E-03	6.076E-03	3.391E-05	-0.0031
346	55	Lr	LinStatic	0.019	1.148E-03	-6.076E-03	3.565E-04	-0.0034
346	23	Le	LinStatic	-8.538E-03	-5.145E-04	2.722E-03	1.519E-05	-0.0014
346	55	Le	LinStatic	8.538E-03	5.145E-04	-2.722E-03	1.597E-04	-0.0015
347	25	DEAD	LinStatic	-0.023	-2.488E-04	0.604	8.968E-05	-0.0039
347	57	DEAD	LinStatic	0.023	2.488E-04	-0.6	-5.104E-06	-0.0039
347	25	Lr	LinStatic	-0.023	-2.531E-04	0.611	9.141E-05	-0.0039
347	57	Lr	LinStatic	0.023	2.531E-04	-0.611	-5.365E-06	-0.0039
347	25	Le	LinStatic	-0.01	-1.134E-04	0.274	4.096E-05	-0.0017
347	57	Le	LinStatic	0.01	1.134E-04	-0.274	-2.404E-06	-0.0017
348	29	DEAD	LinStatic	-0.034	-4.626E-03	0.017	8.551E-04	-0.0055
348	59	DEAD	LinStatic	0.034	4.626E-03	-0.013	7.177E-04	-0.006
348	29	Lr	LinStatic	-0.034	-4.672E-03	0.024	8.732E-04	-0.0055
348	59	Lr	LinStatic	0.034	4.672E-03	-0.024	7.153E-04	-0.0059
348	29	Le	LinStatic	-0.015	-2.093E-03	0.011	3.912E-04	-0.0025
348	59	Le	LinStatic	0.015	2.093E-03	-0.011	3.205E-04	-0.0026
349	17	DEAD	LinStatic	-0.243	1.798E-04	0.21	-2.803E-05	-8.957E-04
349	47	DEAD	LinStatic	0.243	-1.798E-04	-0.203	-3.310E-05	9.281E-04
349	17	Lr	LinStatic	-0.241	1.723E-04	0.205	-2.688E-05	-0.0011
349	47	Lr	LinStatic	0.241	-1.723E-04	-0.205	-3.169E-05	0.0012
349	17	Le	LinStatic	-0.108	7.719E-05	0.092	-1.205E-05	-5.027E-04
349	47	Le	LinStatic	0.108	-7.719E-05	-0.092	-1.420E-05	5.164E-04

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
34A	17	DEAD	LinStatic	-0.968	8.198E-05	-0.819	-1.343E-05	9.030E-04
34A	51	DEAD	LinStatic	0.968	-8.198E-05	0.826	-1.444E-05	-8.418E-04
34A	17	Lr	LinStatic	-0.958	8.579E-05	-0.814	-1.432E-05	0.0011
34A	51	Lr	LinStatic	0.958	-8.579E-05	0.814	-1.485E-05	-0.0011
34A	17	Le	LinStatic	-0.429	3.844E-05	-0.365	-6.415E-06	5.049E-04
34A	51	Le	LinStatic	0.429	-3.844E-05	0.365	-6.655E-06	-4.785E-04
34B	21	DEAD	LinStatic	-1.696	1.132E-03	1.446	-2.048E-04	-6.934E-04
34B	51	DEAD	LinStatic	1.696	-1.132E-03	-1.439	-1.800E-04	8.523E-04
34B	21	Lr	LinStatic	-1.678	1.112E-03	1.427	-2.013E-04	-9.219E-04
34B	51	Lr	LinStatic	1.678	-1.112E-03	-1.427	-1.769E-04	0.0011
34B	21	Le	LinStatic	-0.752	4.983E-04	0.639	-9.019E-05	-4.130E-04
34B	51	Le	LinStatic	0.752	-4.983E-04	-0.639	-7.925E-05	4.828E-04
34C	21	DEAD	LinStatic	-2.423	1.214E-04	-2.056	-5.038E-06	7.389E-04
34C	55	DEAD	LinStatic	2.423	-1.214E-04	2.063	-3.625E-05	-5.491E-04
34C	21	Lr	LinStatic	-2.396	1.260E-04	-2.037	-6.542E-06	9.646E-04
34C	55	Lr	LinStatic	2.396	-1.260E-04	2.037	-3.631E-05	-7.784E-04
34C	21	Le	LinStatic	-1.074	5.647E-05	-0.913	-2.931E-06	4.322E-04
34C	55	Le	LinStatic	1.074	-5.647E-05	0.913	-1.627E-05	-3.488E-04
34D	25	DEAD	LinStatic	-3.15	2.191E-03	2.682	-4.139E-04	-2.738E-04
34D	55	DEAD	LinStatic	3.15	-2.191E-03	-2.675	-3.310E-04	5.828E-04
34D	25	Lr	LinStatic	-3.115	2.156E-03	2.648	-4.076E-04	-5.072E-04
34D	55	Lr	LinStatic	3.115	-2.156E-03	-2.648	-3.256E-04	8.109E-04
34D	25	Le	LinStatic	-1.396	9.662E-04	1.187	-1.826E-04	-2.272E-04
34D	55	Le	LinStatic	1.396	-9.662E-04	-1.187	-1.459E-04	3.633E-04
34E	25	DEAD	LinStatic	-3.883	6.426E-04	-3.297	1.783E-06	3.072E-04
34E	59	DEAD	LinStatic	3.883	-6.426E-04	3.304	-2.203E-04	-2.190E-04
34E	25	Lr	LinStatic	-3.837	6.589E-04	-3.262	3.007E-07	5.365E-04
34E	59	Lr	LinStatic	3.837	-6.589E-04	3.262	-2.243E-04	-4.535E-04
34E	25	Le	LinStatic	-1.719	2.952E-04	-1.461	1.347E-07	2.404E-04
34E	59	Le	LinStatic	1.719	-2.952E-04	1.461	-1.005E-04	-2.032E-04
35C	4	DEAD	LinStatic	0.045	5.632E-03	0.027	-4.999E-04	0.0065
35C	36	DEAD	LinStatic	-0.045	-5.632E-03	-0.022	-0.0014	0.0089
35C	4	Lr	LinStatic	0.045	5.585E-03	0.033	-4.907E-04	0.0064
35C	36	Lr	LinStatic	-0.045	-5.585E-03	-0.033	-0.0014	0.0088
35C	4	Le	LinStatic	0.02	2.503E-03	0.015	-2.199E-04	0.0029
35C	36	Le	LinStatic	-0.02	-2.503E-03	-0.015	-6.310E-04	0.004
35D	6	DEAD	LinStatic	0.024	1.054E-03	0.611	-3.646E-04	0.0042
35D	38	DEAD	LinStatic	-0.024	-1.054E-03	-0.607	6.141E-06	0.0038
35D	6	Lr	LinStatic	0.023	1.045E-03	0.618	-3.619E-04	0.0042
35D	38	Lr	LinStatic	-0.023	-1.045E-03	-0.618	6.529E-06	0.0038
35D	6	Le	LinStatic	0.01	4.683E-04	0.277	-1.621E-04	0.0019
35D	38	Le	LinStatic	-0.01	-4.683E-04	-0.277	2.926E-06	0.0017
35E	8	DEAD	LinStatic	0.021	1.155E-03	-2.231E-03	-8.445E-05	0.0034
35E	40	DEAD	LinStatic	-0.021	-1.155E-03	6.491E-03	-3.083E-04	0.0037
35E	8	Lr	LinStatic	0.021	1.143E-03	4.404E-03	-8.303E-05	0.0034
35E	40	Lr	LinStatic	-0.021	-1.143E-03	-4.404E-03	-3.057E-04	0.0037
35E	8	Le	LinStatic	9.282E-03	5.123E-04	1.973E-03	-3.720E-05	0.0015
35E	40	Le	LinStatic	-9.282E-03	-5.123E-04	-1.973E-03	-1.370E-04	0.0016
35F	10	DEAD	LinStatic	0.016	1.120E-03	0.601	-3.730E-04	0.0028
35F	42	DEAD	LinStatic	-0.016	-1.120E-03	-0.596	-7.872E-06	0.0026
35F	10	Lr	LinStatic	0.016	1.109E-03	0.607	-3.694E-04	0.0028
35F	42	Lr	LinStatic	-0.016	-1.109E-03	-0.607	-7.837E-06	0.0026
35F	10	Le	LinStatic	7.054E-03	4.971E-04	0.272	-1.655E-04	0.0012
35F	42	Le	LinStatic	-7.054E-03	-4.971E-04	-0.272	-3.511E-06	0.0012

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
360	12	DEAD	LinStatic	0.011	9.805E-04	-2.651E-05	-1.848E-04	0.0018
360	44	DEAD	LinStatic	-0.011	-9.805E-04	4.286E-03	-1.486E-04	0.0019
360	12	Lr	LinStatic	0.011	9.799E-04	6.614E-03	-1.844E-04	0.0018
360	44	Lr	LinStatic	-0.011	-9.799E-04	-6.614E-03	-1.488E-04	0.0018
360	12	Le	LinStatic	4.759E-03	4.390E-04	2.963E-03	-8.261E-05	7.946E-04
360	44	Le	LinStatic	-4.759E-03	-4.390E-04	-2.963E-03	-6.666E-05	8.235E-04
361	14	DEAD	LinStatic	6.191E-03	5.246E-04	0.6	-1.732E-04	0.0011
361	46	DEAD	LinStatic	-6.191E-03	-5.246E-04	-0.596	-5.151E-06	9.952E-04
361	14	Lr	LinStatic	6.117E-03	5.211E-04	0.607	-1.720E-04	0.0011
361	46	Lr	LinStatic	-6.117E-03	-5.211E-04	-0.607	-5.146E-06	9.837E-04
361	14	Le	LinStatic	2.741E-03	2.335E-04	0.272	-7.708E-05	4.911E-04
361	46	Le	LinStatic	-2.741E-03	-2.335E-04	-0.272	-2.306E-06	4.407E-04
362	16	DEAD	LinStatic	6.761E-04	1.268E-04	-5.176E-04	-5.654E-05	1.244E-04
362	48	DEAD	LinStatic	-6.761E-04	-1.268E-04	4.777E-03	1.343E-05	1.054E-04
362	16	Lr	LinStatic	6.855E-04	1.232E-04	6.091E-03	-5.607E-05	1.283E-04
362	48	Lr	LinStatic	-6.855E-04	-1.232E-04	-6.091E-03	1.417E-05	1.048E-04
362	16	Le	LinStatic	3.071E-04	5.522E-05	2.729E-03	-2.512E-05	5.749E-05
362	48	Le	LinStatic	-3.071E-04	-5.522E-05	-2.729E-03	6.348E-06	4.694E-05
363	6	DEAD	LinStatic	4.121	-2.473E-03	-3.497	3.962E-04	1.004E-04
363	36	DEAD	LinStatic	-4.121	2.473E-03	3.504	4.445E-04	7.536E-04
363	6	Lr	LinStatic	4.075	-2.441E-03	-3.461	3.888E-04	-1.250E-04
363	36	Lr	LinStatic	-4.075	2.441E-03	3.461	4.413E-04	9.994E-04
363	6	Le	LinStatic	1.826	-1.094E-03	-1.551	1.742E-04	-5.602E-05
363	36	Le	LinStatic	-1.826	1.094E-03	1.551	1.977E-04	4.478E-04
364	6	DEAD	LinStatic	3.386	-1.114E-04	2.883	-2.078E-05	2.052E-04
364	40	DEAD	LinStatic	-3.386	1.114E-04	-2.875	5.864E-05	-4.946E-04
364	6	Lr	LinStatic	3.348	-1.219E-04	2.847	-1.808E-05	4.401E-04
364	40	Lr	LinStatic	-3.348	1.219E-04	-2.847	5.953E-05	-7.235E-04
364	6	Le	LinStatic	1.5	-5.462E-05	1.275	-8.103E-06	1.972E-04
364	40	Le	LinStatic	-1.5	5.462E-05	-1.275	2.667E-05	-3.242E-04
365	10	DEAD	LinStatic	2.657	-1.729E-03	-2.256	3.318E-04	-7.001E-04
365	40	DEAD	LinStatic	-2.657	1.729E-03	2.263	2.561E-04	4.744E-04
365	10	Lr	LinStatic	2.628	-1.707E-03	-2.234	3.278E-04	-9.263E-04
365	40	Lr	LinStatic	-2.628	1.707E-03	2.234	2.526E-04	7.049E-04
365	10	Le	LinStatic	1.177	-7.648E-04	-1.001	1.469E-04	-4.150E-04
365	40	Le	LinStatic	-1.177	7.648E-04	1.001	1.132E-04	3.158E-04
366	10	DEAD	LinStatic	1.936	-1.631E-05	1.649	-3.937E-05	6.316E-04
366	44	DEAD	LinStatic	-1.936	1.631E-05	-1.642	4.492E-05	-8.147E-04
366	10	Lr	LinStatic	1.915	-2.495E-05	1.628	-3.699E-05	8.608E-04
366	44	Lr	LinStatic	-1.915	2.495E-05	-1.628	4.548E-05	-0.001
366	10	Le	LinStatic	0.858	-1.118E-05	0.729	-1.658E-05	3.857E-04
366	44	Le	LinStatic	-0.858	1.118E-05	-0.729	2.038E-05	-4.662E-04
367	14	DEAD	LinStatic	1.207	-7.465E-04	-1.023	1.471E-04	-8.824E-04
367	44	DEAD	LinStatic	-1.207	7.465E-04	1.03	1.067E-04	7.968E-04
367	14	Lr	LinStatic	1.194	-7.437E-04	-1.015	1.464E-04	-0.0011
367	44	Lr	LinStatic	-1.194	7.437E-04	1.015	1.064E-04	0.001
367	14	Le	LinStatic	0.535	-3.332E-04	-0.455	6.562E-05	-4.967E-04
367	44	Le	LinStatic	-0.535	3.332E-04	0.455	4.769E-05	4.581E-04
368	14	DEAD	LinStatic	0.487	-1.334E-04	0.417	2.211E-05	8.895E-04
368	48	DEAD	LinStatic	-0.487	1.334E-04	-0.41	2.323E-05	-9.115E-04
368	14	Lr	LinStatic	0.48	-1.306E-04	0.408	2.167E-05	0.0011
368	48	Lr	LinStatic	-0.48	1.306E-04	-0.408	2.275E-05	-0.0011
368	14	Le	LinStatic	0.215	-5.854E-05	0.183	9.709E-06	4.994E-04
368	48	Le	LinStatic	-0.215	5.854E-05	-0.183	1.019E-05	-5.094E-04

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
369	18	DEAD	LinStatic	-3.883E-03	4.768E-04	0.6	-1.591E-04	-6.177E-04
369	50	DEAD	LinStatic	3.883E-03	-4.768E-04	-0.596	-3.035E-06	-7.025E-04
369	18	Lr	LinStatic	-3.826E-03	4.730E-04	0.607	-1.578E-04	-6.070E-04
369	50	Lr	LinStatic	3.826E-03	-4.730E-04	-0.607	-3.035E-06	-6.937E-04
369	18	Le	LinStatic	-1.714E-03	2.119E-04	0.272	-7.069E-05	-2.720E-04
369	50	Le	LinStatic	1.714E-03	-2.119E-04	-0.272	-1.360E-06	-3.108E-04
36A	20	DEAD	LinStatic	-9.180E-03	-5.724E-04	-8.774E-04	1.699E-06	-0.0015
36A	52	DEAD	LinStatic	9.180E-03	5.724E-04	5.137E-03	1.929E-04	-0.0016
36A	20	Lr	LinStatic	-9.058E-03	-5.626E-04	5.755E-03	9.064E-07	-0.0015
36A	52	Lr	LinStatic	9.058E-03	5.626E-04	-5.755E-03	1.904E-04	-0.0016
36A	20	Le	LinStatic	-4.059E-03	-2.521E-04	2.579E-03	4.061E-07	-6.532E-04
36A	52	Le	LinStatic	4.059E-03	2.521E-04	-2.579E-03	8.530E-05	-7.268E-04
36B	22	DEAD	LinStatic	-0.014	1.282E-04	0.601	-4.362E-05	-0.0023
36B	54	DEAD	LinStatic	0.014	-1.282E-04	-0.597	1.413E-08	-0.0024
36B	22	Lr	LinStatic	-0.014	1.326E-04	0.608	-4.503E-05	-0.0023
36B	54	Lr	LinStatic	0.014	-1.326E-04	-0.608	-3.913E-08	-0.0023
36B	22	Le	LinStatic	-6.093E-03	5.940E-05	0.272	-2.018E-05	-0.001
36B	54	Le	LinStatic	6.093E-03	-5.940E-05	-0.272	-1.753E-08	-0.001
36C	24	DEAD	LinStatic	-0.019	-1.177E-03	-1.359E-03	3.997E-05	-0.0031
36C	56	DEAD	LinStatic	0.019	1.177E-03	5.618E-03	3.602E-04	-0.0034
36C	24	Lr	LinStatic	-0.019	-1.162E-03	5.285E-03	3.848E-05	-0.0031
36C	56	Lr	LinStatic	0.019	1.162E-03	-5.285E-03	3.567E-04	-0.0034
36C	24	Le	LinStatic	-8.530E-03	-5.208E-04	2.368E-03	1.724E-05	-0.0014
36C	56	Le	LinStatic	8.530E-03	5.208E-04	-2.368E-03	1.598E-04	-0.0015
36D	27	DEAD	LinStatic	-0.023	-2.461E-04	0.605	8.895E-05	-0.0039
36D	58	DEAD	LinStatic	0.023	2.461E-04	-0.601	-5.281E-06	-0.0039
36D	27	Lr	LinStatic	-0.023	-2.343E-04	0.612	8.522E-05	-0.0039
36D	58	Lr	LinStatic	0.023	2.343E-04	-0.612	-5.552E-06	-0.0039
36D	27	Le	LinStatic	-0.01	-1.050E-04	0.274	3.818E-05	-0.0017
36D	58	Le	LinStatic	0.01	1.050E-04	-0.274	-2.488E-06	-0.0017
36E	30	DEAD	LinStatic	-0.034	-4.614E-03	3.885E-03	8.515E-04	-0.0055
36E	60	DEAD	LinStatic	0.034	4.614E-03	3.739E-04	7.172E-04	-0.006
36E	30	Lr	LinStatic	-0.034	-4.672E-03	0.011	8.729E-04	-0.0055
36E	60	Lr	LinStatic	0.034	4.672E-03	-0.011	7.154E-04	-0.0059
36E	30	Le	LinStatic	-0.015	-2.093E-03	4.768E-03	3.911E-04	-0.0025
36E	60	Le	LinStatic	0.015	2.093E-03	-4.768E-03	3.205E-04	-0.0026
36F	18	DEAD	LinStatic	-0.243	1.823E-04	0.21	-2.802E-05	-9.044E-04
36F	48	DEAD	LinStatic	0.243	-1.823E-04	-0.203	-3.396E-05	9.098E-04
36F	18	Lr	LinStatic	-0.241	1.826E-04	0.205	-2.790E-05	-0.0011
36F	48	Lr	LinStatic	0.241	-1.826E-04	-0.205	-3.419E-05	0.0011
36F	18	Le	LinStatic	-0.108	8.183E-05	0.092	-1.250E-05	-5.056E-04
36F	48	Le	LinStatic	0.108	-8.183E-05	-0.092	-1.532E-05	5.086E-04
370	18	DEAD	LinStatic	-0.964	8.819E-05	-0.816	-1.433E-05	9.023E-04
370	52	DEAD	LinStatic	0.964	-8.819E-05	0.823	-1.565E-05	-8.300E-04
370	18	Lr	LinStatic	-0.954	7.816E-05	-0.811	-1.234E-05	0.0011
370	52	Lr	LinStatic	0.954	-7.816E-05	0.811	-1.424E-05	-0.0011
370	18	Le	LinStatic	-0.427	3.502E-05	-0.363	-5.528E-06	5.056E-04
370	52	Le	LinStatic	0.427	-3.502E-05	0.363	-6.379E-06	-4.730E-04
371	22	DEAD	LinStatic	-1.693	1.114E-03	1.443	-2.013E-04	-6.992E-04
371	52	DEAD	LinStatic	1.693	-1.114E-03	-1.436	-1.775E-04	8.385E-04
371	22	Lr	LinStatic	-1.675	1.105E-03	1.424	-1.995E-04	-9.254E-04
371	52	Lr	LinStatic	1.675	-1.105E-03	-1.424	-1.763E-04	0.0011
371	22	Le	LinStatic	-0.75	4.953E-04	0.638	-8.938E-05	-4.146E-04
371	52	Le	LinStatic	0.75	-4.953E-04	-0.638	-7.901E-05	4.770E-04

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
372	22	DEAD	LinStatic	-2.415	1.340E-04	-2.05	-7.325E-06	7.387E-04
372	56	DEAD	LinStatic	2.415	-1.340E-04	2.057	-3.822E-05	-5.402E-04
372	22	Lr	LinStatic	-2.388	1.240E-04	-2.03	-5.554E-06	9.665E-04
372	56	Lr	LinStatic	2.388	-1.240E-04	2.03	-3.662E-05	-7.691E-04
372	22	Le	LinStatic	-1.07	5.558E-05	-0.91	-2.488E-06	4.330E-04
372	56	Le	LinStatic	1.07	-5.558E-05	0.91	-1.641E-05	-3.446E-04
373	27	DEAD	LinStatic	-3.143	2.165E-03	2.676	-4.088E-04	-2.800E-04
373	56	DEAD	LinStatic	3.143	-2.165E-03	-2.669	-3.272E-04	5.727E-04
373	27	Lr	LinStatic	-3.108	2.152E-03	2.643	-4.065E-04	-5.095E-04
373	56	Lr	LinStatic	3.108	-2.152E-03	-2.643	-3.252E-04	8.022E-04
373	27	Le	LinStatic	-1.393	9.643E-04	1.184	-1.821E-04	-2.283E-04
373	56	Le	LinStatic	1.393	-9.643E-04	-1.184	-1.457E-04	3.594E-04
374	27	DEAD	LinStatic	-3.87	6.662E-04	-3.287	-3.197E-06	3.032E-04
374	60	DEAD	LinStatic	3.87	-6.662E-04	3.294	-2.233E-04	-2.190E-04
374	27	Lr	LinStatic	-3.825	6.580E-04	-3.251	1.244E-07	5.363E-04
374	60	Lr	LinStatic	3.825	-6.580E-04	3.251	-2.239E-04	-4.523E-04
374	27	Le	LinStatic	-1.714	2.948E-04	-1.457	5.572E-08	2.403E-04
374	60	Le	LinStatic	1.714	-2.948E-04	1.457	-1.003E-04	-2.027E-04
3D1	31	DEAD	LinStatic	-0.046	-1.337E-03	0.246	4.053E-04	-0.0058
3D1	61	DEAD	LinStatic	0.046	1.337E-03	-0.241	4.941E-05	-0.0099
3D1	31	Lr	LinStatic	-0.046	-1.244E-03	0.245	3.726E-04	-0.0057
3D1	61	Lr	LinStatic	0.046	1.244E-03	-0.245	5.042E-05	-0.01
3D1	31	Le	LinStatic	-0.021	-5.574E-04	0.11	1.669E-04	-0.0025
3D1	61	Le	LinStatic	0.021	5.574E-04	-0.11	2.259E-05	-0.0045
3D2	1	DEAD	LinStatic	0.024	-8.157E-04	0.143	2.596E-04	0.0037
3D2	33	DEAD	LinStatic	-0.024	8.157E-04	-0.139	1.776E-05	0.0046
3D2	1	Lr	LinStatic	0.024	-8.083E-04	0.14	2.575E-04	0.0036
3D2	33	Lr	LinStatic	-0.024	8.083E-04	-0.14	1.734E-05	0.0046
3D2	1	Le	LinStatic	0.011	-3.621E-04	0.063	1.154E-04	0.0016
3D2	33	Le	LinStatic	-0.011	3.621E-04	-0.063	7.768E-06	0.002
3D3	32	DEAD	LinStatic	-0.046	-1.338E-03	0.246	4.056E-04	-0.0058
3D3	62	DEAD	LinStatic	0.046	1.338E-03	-0.241	4.940E-05	-0.0099
3D3	32	Lr	LinStatic	-0.046	-1.244E-03	0.245	3.726E-04	-0.0057
3D3	62	Lr	LinStatic	0.046	1.244E-03	-0.245	5.040E-05	-0.01
3D3	32	Le	LinStatic	-0.021	-5.574E-04	0.11	1.669E-04	-0.0025
3D3	62	Le	LinStatic	0.021	5.574E-04	-0.11	2.258E-05	-0.0045
3D4	2	DEAD	LinStatic	0.024	-8.180E-04	0.143	2.604E-04	0.0037
3D4	34	DEAD	LinStatic	-0.024	8.180E-04	-0.139	1.773E-05	0.0046
3D4	2	Lr	LinStatic	0.024	-8.019E-04	0.14	2.553E-04	0.0036
3D4	34	Lr	LinStatic	-0.024	8.019E-04	-0.14	1.730E-05	0.0046
3D4	2	Le	LinStatic	0.011	-3.593E-04	0.063	1.144E-04	0.0016
3D4	34	Le	LinStatic	-0.011	3.593E-04	-0.063	7.750E-06	0.002
3D5	1	DEAD	LinStatic	2.397E-03	0.	-4.562E-03	-8.740E-04	4.700E-06
3D5	2	DEAD	LinStatic	-2.397E-03	0.	8.032E-03	-8.703E-04	-4.700E-06
3D5	1	Lr	LinStatic	2.352E-03	0.	-6.210E-03	-8.615E-04	4.519E-06
3D5	2	Lr	LinStatic	-2.352E-03	0.	6.210E-03	-8.587E-04	-4.519E-06
3D5	1	Le	LinStatic	1.054E-03	0.	-2.782E-03	-3.860E-04	2.025E-06
3D5	2	Le	LinStatic	-1.054E-03	0.	2.782E-03	-3.847E-04	-2.025E-06
3D6	3	DEAD	LinStatic	0.01	-1.909E-04	5.268E-03	4.884E-04	4.604E-06
3D6	4	DEAD	LinStatic	-0.01	1.909E-04	-1.798E-03	4.903E-04	-4.604E-06
3D6	3	Lr	LinStatic	0.01	4.302E-05	3.474E-03	4.812E-04	4.422E-06
3D6	4	Lr	LinStatic	-0.01	-4.302E-05	-3.474E-03	4.812E-04	-4.422E-06
3D6	3	Le	LinStatic	4.573E-03	1.927E-05	1.557E-03	2.156E-04	1.981E-06
3D6	4	Le	LinStatic	-4.573E-03	-1.927E-05	-1.557E-03	2.156E-04	-1.981E-06

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
3D7	5	DEAD	LinStatic	0.011	4.740E-04	1.685E-03	-7.070E-06	4.270E-06
3D7	6	DEAD	LinStatic	-0.011	-4.740E-04	1.785E-03	-6.689E-06	-4.270E-06
3D7	5	Lr	LinStatic	0.011	4.502E-04	-3.524E-05	-5.004E-06	4.104E-06
3D7	6	Lr	LinStatic	-0.011	-4.502E-04	3.524E-05	-4.759E-06	-4.104E-06
3D7	5	Le	LinStatic	4.779E-03	2.017E-04	-1.579E-05	-2.242E-06	1.839E-06
3D7	6	Le	LinStatic	-4.779E-03	-2.017E-04	1.579E-05	-2.132E-06	-1.839E-06
3D8	7	DEAD	LinStatic	6.827E-03	5.728E-04	2.343E-03	8.696E-05	3.727E-06
3D8	8	DEAD	LinStatic	-6.827E-03	-5.728E-04	1.127E-03	8.150E-05	-3.727E-06
3D8	7	Lr	LinStatic	6.746E-03	5.743E-04	5.911E-04	8.362E-05	3.526E-06
3D8	8	Lr	LinStatic	-6.746E-03	-5.743E-04	-5.911E-04	8.012E-05	-3.526E-06
3D8	7	Le	LinStatic	3.023E-03	2.573E-04	2.649E-04	3.747E-05	1.580E-06
3D8	8	Le	LinStatic	-3.023E-03	-2.573E-04	-2.649E-04	3.590E-05	-1.580E-06
3D9	9	DEAD	LinStatic	7.198E-03	6.889E-04	2.348E-03	8.798E-05	2.974E-06
3D9	10	DEAD	LinStatic	-7.198E-03	-6.889E-04	1.122E-03	8.177E-05	-2.974E-06
3D9	9	Lr	LinStatic	7.118E-03	6.657E-04	6.047E-04	8.776E-05	2.819E-06
3D9	10	Lr	LinStatic	-7.118E-03	-6.657E-04	-6.047E-04	7.973E-05	-2.819E-06
3D9	9	Le	LinStatic	3.189E-03	2.983E-04	2.709E-04	3.932E-05	1.263E-06
3D9	10	Le	LinStatic	-3.189E-03	-2.983E-04	-2.709E-04	3.572E-05	-1.263E-06
3DA	11	DEAD	LinStatic	4.256E-03	1.402E-03	3.018E-03	1.711E-04	2.363E-06
3DA	12	DEAD	LinStatic	-4.256E-03	-1.402E-03	4.522E-04	1.842E-04	-2.363E-06
3DA	11	Lr	LinStatic	4.210E-03	1.461E-03	1.269E-03	1.678E-04	2.169E-06
3DA	12	Lr	LinStatic	-4.210E-03	-1.461E-03	-1.269E-03	1.837E-04	-2.169E-06
3DA	11	Le	LinStatic	1.886E-03	6.544E-04	5.686E-04	7.520E-05	9.717E-07
3DA	12	Le	LinStatic	-1.886E-03	-6.544E-04	-5.686E-04	8.231E-05	-9.717E-07
3DB	15	DEAD	LinStatic	1.145E-03	1.616E-03	2.198E-03	7.040E-05	8.475E-08
3DB	16	DEAD	LinStatic	-1.145E-03	-1.616E-03	1.272E-03	5.774E-05	-8.475E-08
3DB	15	Lr	LinStatic	1.129E-03	1.527E-03	4.568E-04	6.928E-05	-8.876E-08
3DB	16	Lr	LinStatic	-1.129E-03	-1.527E-03	-4.568E-04	5.726E-05	8.876E-08
3DB	15	Le	LinStatic	5.061E-04	6.844E-04	2.047E-04	3.104E-05	-3.977E-08
3DB	16	Le	LinStatic	-5.061E-04	-6.844E-04	-2.047E-04	2.565E-05	3.977E-08
3DC	17	DEAD	LinStatic	-1.354E-03	9.133E-04	3.141E-03	1.902E-04	-6.882E-07
3DC	18	DEAD	LinStatic	1.354E-03	-9.133E-04	3.288E-04	1.993E-04	6.882E-07
3DC	17	Lr	LinStatic	-1.341E-03	9.124E-04	1.393E-03	1.898E-04	-8.017E-07
3DC	18	Lr	LinStatic	1.341E-03	-9.124E-04	-1.393E-03	1.960E-04	8.017E-07
3DC	17	Le	LinStatic	-6.010E-04	4.088E-04	6.239E-04	8.503E-05	-3.592E-07
3DC	18	Le	LinStatic	6.010E-04	-4.088E-04	-6.239E-04	8.780E-05	3.592E-07
3DD	19	DEAD	LinStatic	-3.186E-03	8.836E-04	1.748E-03	4.186E-06	-1.681E-06
3DD	20	DEAD	LinStatic	3.186E-03	-8.836E-04	1.722E-03	-6.882E-07	1.681E-06
3DD	19	Lr	LinStatic	-3.154E-03	8.722E-04	1.372E-05	3.708E-06	-1.820E-06
3DD	20	Lr	LinStatic	3.154E-03	-8.722E-04	-1.372E-05	9.267E-08	1.820E-06
3DD	19	Le	LinStatic	-1.413E-03	3.908E-04	6.148E-06	1.662E-06	-8.153E-07
3DD	20	Le	LinStatic	1.413E-03	-3.908E-04	-6.148E-06	4.152E-08	8.153E-07
3DE	21	DEAD	LinStatic	-5.917E-03	9.097E-04	3.521E-03	2.461E-04	-2.585E-06
3DE	22	DEAD	LinStatic	5.917E-03	-9.097E-04	-5.053E-05	2.485E-04	2.585E-06
3DE	21	Lr	LinStatic	-5.861E-03	9.038E-04	1.778E-03	2.462E-04	-2.671E-06
3DE	22	Lr	LinStatic	5.861E-03	-9.038E-04	-1.778E-03	2.464E-04	2.671E-06
3DE	21	Le	LinStatic	-2.626E-03	4.050E-04	7.967E-04	1.103E-04	-1.197E-06
3DE	22	Le	LinStatic	2.626E-03	-4.050E-04	-7.967E-04	1.104E-04	1.197E-06
3DF	23	DEAD	LinStatic	-6.376E-03	6.501E-04	1.464E-03	-3.625E-05	-3.227E-06
3DF	24	DEAD	LinStatic	6.376E-03	-6.501E-04	2.006E-03	-3.875E-05	3.227E-06
3DF	23	Lr	LinStatic	-6.328E-03	5.959E-04	-2.532E-04	-3.281E-05	-3.353E-06
3DF	24	Lr	LinStatic	6.328E-03	-5.959E-04	2.532E-04	-3.732E-05	3.353E-06
3DF	23	Le	LinStatic	-2.835E-03	2.670E-04	-1.134E-04	-1.470E-05	-1.502E-06
3DF	24	Le	LinStatic	2.835E-03	-2.670E-04	1.134E-04	-1.672E-05	1.502E-06

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
3E0	25	DEAD	LinStatic	-0.013	4.842E-04	5.737E-03	3.181E-04	-7.526E-06
3E0	26	DEAD	LinStatic	0.013	-4.842E-04	-5.705E-03	-3.037E-04	7.526E-06
3E0	25	Lr	LinStatic	-0.012	4.948E-04	2.268E-03	3.114E-04	-7.812E-06
3E0	26	Lr	LinStatic	0.012	-4.948E-04	-2.268E-03	-3.058E-04	7.812E-06
3E0	25	Le	LinStatic	-5.597E-03	2.217E-04	1.016E-03	1.395E-04	-3.500E-06
3E0	26	Le	LinStatic	5.597E-03	-2.217E-04	-1.016E-03	-1.370E-04	3.500E-06
3E0	26	DEAD	LinStatic	-6.284E-03	2.421E-04	2.853E-03	1.519E-04	-3.763E-06
3E0	27	DEAD	LinStatic	6.284E-03	-2.421E-04	5.859E-04	1.593E-04	3.763E-06
3E0	26	Lr	LinStatic	-6.245E-03	2.474E-04	1.134E-03	1.529E-04	-3.906E-06
3E0	27	Lr	LinStatic	6.245E-03	-2.474E-04	-1.134E-03	1.583E-04	3.906E-06
3E0	26	Le	LinStatic	-2.798E-03	1.109E-04	5.080E-04	6.850E-05	-1.750E-06
3E0	27	Le	LinStatic	2.798E-03	-1.109E-04	-5.080E-04	7.095E-05	1.750E-06
3E1	26	DEAD	LinStatic	-6.284E-03	2.421E-04	2.853E-03	1.519E-04	-3.763E-06
3E1	27	DEAD	LinStatic	6.284E-03	-2.421E-04	5.859E-04	1.593E-04	3.763E-06
3E1	26	Lr	LinStatic	-6.245E-03	2.474E-04	1.134E-03	1.529E-04	-3.906E-06
3E1	27	Lr	LinStatic	6.245E-03	-2.474E-04	-1.134E-03	1.583E-04	3.906E-06
3E1	26	Le	LinStatic	-2.798E-03	1.109E-04	5.080E-04	6.850E-05	-1.750E-06
3E1	27	Le	LinStatic	2.798E-03	-1.109E-04	-5.080E-04	7.095E-05	1.750E-06
3E1	27	DEAD	LinStatic	2.658E-13	0.	3.140E-05	3.936E-08	0.
3E1	28	DEAD	LinStatic	-2.658E-13	0.	-7.658E-13	9.425E-16	0.
3E1	27	Lr	LinStatic	-1.226E-13	0.	9.416E-13	4.094E-16	0.
3E1	28	Lr	LinStatic	1.226E-13	0.	-9.416E-13	8.535E-16	0.
3E1	27	Le	LinStatic	1.421E-13	0.	-1.369E-12	-9.333E-16	0.
3E1	28	Le	LinStatic	-1.421E-13	0.	1.369E-12	-7.494E-16	0.
3E2	29	DEAD	LinStatic	-0.011	3.113E-04	-4.388E-03	-8.499E-04	-3.932E-06
3E2	30	DEAD	LinStatic	0.011	-3.113E-04	7.858E-03	-8.462E-04	3.932E-06
3E2	29	Lr	LinStatic	-0.011	2.684E-04	-6.265E-03	-8.677E-04	-4.035E-06
3E2	30	Lr	LinStatic	0.011	-2.684E-04	6.265E-03	-8.675E-04	4.035E-06
3E2	29	Le	LinStatic	-4.778E-03	1.203E-04	-2.807E-03	-3.888E-04	-1.808E-06
3E2	30	Le	LinStatic	4.778E-03	-1.203E-04	2.807E-03	-3.887E-04	1.808E-06
3E3	31	DEAD	LinStatic	-3.039E-03	-7.028E-05	2.473E-03	1.037E-04	-3.888E-06
3E3	32	DEAD	LinStatic	3.039E-03	7.028E-05	9.968E-04	1.007E-04	3.888E-06
3E3	31	Lr	LinStatic	-2.725E-03	9.204E-05	9.148E-04	1.262E-04	-3.976E-06
3E3	32	Lr	LinStatic	2.725E-03	-9.204E-05	-9.148E-04	1.272E-04	3.976E-06
3E3	31	Le	LinStatic	-1.221E-03	4.124E-05	4.099E-04	5.656E-05	-1.782E-06
3E3	32	Le	LinStatic	1.221E-03	-4.124E-05	-4.099E-04	5.697E-05	1.782E-06
3E4	2	DEAD	LinStatic	2.38	-4.618E-03	3.968	6.213E-04	0.0011
3E4	36	DEAD	LinStatic	-2.38	4.618E-03	-3.963	9.487E-04	0.002
3E4	2	Lr	LinStatic	2.352	-4.588E-03	3.919	6.146E-04	0.0012
3E4	36	Lr	LinStatic	-2.352	4.588E-03	-3.919	9.455E-04	0.0019
3E4	2	Le	LinStatic	1.054	-2.056E-03	1.756	2.754E-04	5.225E-04
3E4	36	Le	LinStatic	-1.054	2.056E-03	-1.756	4.236E-04	8.404E-04
3E5	1	DEAD	LinStatic	2.387	-4.642E-03	3.98	6.260E-04	0.0011
3E5	35	DEAD	LinStatic	-2.387	4.642E-03	-3.975	9.522E-04	0.002
3E5	1	Lr	LinStatic	2.359	-4.592E-03	3.931	6.153E-04	0.0012
3E5	35	Lr	LinStatic	-2.359	4.592E-03	-3.931	9.461E-04	0.0019
3E5	1	Le	LinStatic	1.057	-2.058E-03	1.761	2.757E-04	5.235E-04
3E5	35	Le	LinStatic	-1.057	2.058E-03	-1.761	4.239E-04	8.406E-04
3E6	32	DEAD	LinStatic	-3.843	3.045E-03	3.885	-5.042E-04	5.144E-04
3E6	60	DEAD	LinStatic	3.843	-3.045E-03	-3.879	-5.311E-04	-5.641E-05
3E6	32	Lr	LinStatic	-3.798	3.021E-03	3.837	-4.978E-04	3.772E-04
3E6	60	Lr	LinStatic	3.798	-3.021E-03	-3.837	-5.295E-04	1.480E-04
3E6	32	Le	LinStatic	-1.702	1.354E-03	1.719	-2.230E-04	1.690E-04
3E6	60	Le	LinStatic	1.702	-1.354E-03	-1.719	-2.372E-04	6.630E-05

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
3E7	31	DEAD	LinStatic	-3.842	3.064E-03	3.884	-5.069E-04	5.198E-04
3E7	59	DEAD	LinStatic	3.842	-3.064E-03	-3.877	-5.347E-04	-5.419E-05
3E7	31	Lr	LinStatic	-3.796	3.017E-03	3.835	-4.969E-04	3.794E-04
3E7	59	Lr	LinStatic	3.796	-3.017E-03	-3.835	-5.290E-04	1.491E-04
3E7	31	Le	LinStatic	-1.701	1.352E-03	1.718	-2.226E-04	1.700E-04
3E7	59	Le	LinStatic	1.701	-1.352E-03	-1.718	-2.370E-04	6.682E-05

Table: Element Joint Forces - Frames, Part 2 of 2

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
1	34	DEAD	1.413E-05	1-1
1	36	DEAD	-1.804E-04	1-1
1	34	Lr	1.400E-05	1-1
1	36	Lr	-1.770E-04	1-1
1	34	Le	6.274E-06	1-1
1	36	Le	-7.931E-05	1-1
2	36	DEAD	5.668E-04	2-1
2	38	DEAD	-0.0015	2-1
2	36	Lr	5.643E-04	2-1
2	38	Lr	-0.0015	2-1
2	36	Le	2.529E-04	2-1
2	38	Le	-6.555E-04	2-1
3	38	DEAD	0.0015	3-1
3	40	DEAD	-0.002	3-1
3	38	Lr	0.0015	3-1
3	40	Lr	-0.0019	3-1
3	38	Le	6.581E-04	3-1
3	40	Le	-8.734E-04	3-1
4	40	DEAD	0.0018	4-1
4	42	DEAD	-0.0026	4-1
4	40	Lr	0.0018	4-1
4	42	Lr	-0.0025	4-1
4	40	Le	7.992E-04	4-1
4	42	Le	-0.0011	4-1
5	42	DEAD	0.0026	5-1
5	44	DEAD	-0.0029	5-1
5	42	Lr	0.0025	5-1
5	44	Lr	-0.0029	5-1
5	42	Le	0.0011	5-1
5	44	Le	-0.0013	5-1
6	44	DEAD	0.0028	6-1
6	46	DEAD	-0.0031	6-1
6	44	Lr	0.0028	6-1
6	46	Lr	-0.003	6-1
6	44	Le	0.0013	6-1
6	46	Le	-0.0014	6-1
7	46	DEAD	0.0031	7-1
7	48	DEAD	-0.0031	7-1
7	46	Lr	0.003	7-1
7	48	Lr	-0.0031	7-1
7	46	Le	0.0014	7-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
7	48	Le	-0.0014	7-1
8	48	DEAD	0.0032	8-1
8	50	DEAD	-0.0031	8-1
8	48	Lr	0.0031	8-1
8	50	Lr	-0.0031	8-1
8	48	Le	0.0014	8-1
8	50	Le	-0.0014	8-1
9	50	DEAD	0.0031	9-1
9	52	DEAD	-0.0029	9-1
9	50	Lr	0.0031	9-1
9	52	Lr	-0.0028	9-1
9	50	Le	0.0014	9-1
9	52	Le	-0.0013	9-1
10	52	DEAD	0.0031	10-1
10	54	DEAD	-0.0026	10-1
10	52	Lr	0.003	10-1
10	54	Lr	-0.0026	10-1
10	52	Le	0.0014	10-1
10	54	Le	-0.0011	10-1
11	54	DEAD	0.0026	11-1
11	56	DEAD	-0.002	11-1
11	54	Lr	0.0026	11-1
11	56	Lr	-0.002	11-1
11	54	Le	0.0011	11-1
11	56	Le	-8.994E-04	11-1
12	56	DEAD	0.0024	12-1
12	58	DEAD	-0.0014	12-1
12	56	Lr	0.0023	12-1
12	58	Lr	-0.0013	12-1
12	56	Le	0.001	12-1
12	58	Le	-6.008E-04	12-1
13	58	DEAD	0.0014	13-1
13	60	DEAD	-4.598E-04	13-1
13	58	Lr	0.0013	13-1
13	60	Lr	-4.391E-04	13-1
13	58	Le	5.975E-04	13-1
13	60	Le	-1.967E-04	13-1
14	60	DEAD	5.099E-04	14-1
14	62	DEAD	-5.936E-05	14-1
14	60	Lr	4.801E-04	14-1
14	62	Lr	-6.124E-05	14-1
14	60	Le	2.151E-04	14-1
14	62	Le	-2.744E-05	14-1
16	2	DEAD	5.937E-04	16-1
16	4	DEAD	5.478E-04	16-1
16	2	Lr	5.478E-04	16-1
16	4	Lr	5.199E-04	16-1
16	2	Le	2.454E-04	16-1
16	4	Le	2.330E-04	16-1
17	4	DEAD	8.941E-04	17-1
17	6	DEAD	-0.001	17-1
17	4	Lr	8.615E-04	17-1
17	6	Lr	-0.001	17-1
17	4	Le	3.860E-04	17-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
17	6	Le	-4.651E-04	17-1
18	6	DEAD	0.0019	18-1
18	8	DEAD	-0.0014	18-1
18	6	Lr	0.0018	18-1
18	8	Lr	-0.0014	18-1
18	6	Le	8.215E-04	18-1
18	8	Le	-6.127E-04	18-1
19	8	DEAD	0.0023	19-1
19	10	DEAD	-0.0023	19-1
19	8	Lr	0.0023	19-1
19	10	Lr	-0.0023	19-1
19	8	Le	0.001	19-1
19	10	Le	-0.001	19-1
20	10	DEAD	0.0028	20-1
20	12	DEAD	-0.0026	20-1
20	10	Lr	0.0028	20-1
20	12	Lr	-0.0026	20-1
20	10	Le	0.0012	20-1
20	12	Le	-0.0011	20-1
21	12	DEAD	0.0032	21-1
21	14	DEAD	-0.0031	21-1
21	12	Lr	0.0032	21-1
21	14	Lr	-0.0031	21-1
21	12	Le	0.0014	21-1
21	14	Le	-0.0014	21-1
22	14	DEAD	0.003	22-1
22	16	DEAD	-0.0031	22-1
22	14	Lr	0.0029	22-1
22	16	Lr	-0.0031	22-1
22	14	Le	0.0013	22-1
22	16	Le	-0.0014	22-1
23	16	DEAD	0.0032	23-1
23	18	DEAD	-0.0031	23-1
23	16	Lr	0.0032	23-1
23	18	Lr	-0.0031	23-1
23	16	Le	0.0014	23-1
23	18	Le	-0.0014	23-1
24	18	DEAD	0.003	24-1
24	20	DEAD	-0.0032	24-1
24	18	Lr	0.0029	24-1
24	20	Lr	-0.0032	24-1
24	18	Le	0.0013	24-1
24	20	Le	-0.0014	24-1
25	20	DEAD	0.0028	25-1
25	22	DEAD	-0.0028	25-1
25	20	Lr	0.0027	25-1
25	22	Lr	-0.0028	25-1
25	20	Le	0.0012	25-1
25	22	Le	-0.0012	25-1
26	22	DEAD	0.0022	26-1
26	24	DEAD	-0.0027	26-1
26	22	Lr	0.0022	26-1
26	24	Lr	-0.0027	26-1
26	22	Le	9.825E-04	26-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
26	24	Le	-0.0012	26-1
27	24	DEAD	0.0019	27-1
27	27	DEAD	-0.0019	27-1
27	24	Lr	0.0018	27-1
27	27	Lr	-0.0019	27-1
27	24	Le	8.262E-04	27-1
27	27	Le	-8.640E-04	27-1
28	27	DEAD	7.269E-04	28-1
28	30	DEAD	-0.0018	28-1
28	27	Lr	6.860E-04	28-1
28	30	Lr	-0.0018	28-1
28	27	Le	3.074E-04	28-1
28	30	Le	-7.910E-04	28-1
29	30	DEAD	3.612E-04	29-1
29	32	DEAD	3.482E-04	29-1
29	30	Lr	3.185E-04	29-1
29	32	Lr	3.600E-04	29-1
29	30	Le	1.427E-04	29-1
29	32	Le	1.613E-04	29-1
30	33	DEAD	1.398E-05	30-1
30	35	DEAD	-1.798E-04	30-1
30	33	Lr	1.412E-05	30-1
30	35	Lr	-1.784E-04	30-1
30	33	Le	6.325E-06	30-1
30	35	Le	-7.994E-05	30-1
31	35	DEAD	5.681E-04	31-1
31	37	DEAD	-0.0015	31-1
31	35	Lr	5.667E-04	31-1
31	37	Lr	-0.0015	31-1
31	35	Le	2.539E-04	31-1
31	37	Le	-6.582E-04	31-1
32	37	DEAD	0.0015	32-1
32	39	DEAD	-0.002	32-1
32	37	Lr	0.0015	32-1
32	39	Lr	-0.002	32-1
32	37	Le	6.609E-04	32-1
32	39	Le	-8.785E-04	32-1
33	39	DEAD	0.0018	33-1
33	41	DEAD	-0.0026	33-1
33	39	Lr	0.0018	33-1
33	41	Lr	-0.0025	33-1
33	39	Le	8.049E-04	33-1
33	41	Le	-0.0011	33-1
34	41	DEAD	0.0026	34-1
34	43	DEAD	-0.0029	34-1
34	41	Lr	0.0026	34-1
34	43	Lr	-0.0029	34-1
34	41	Le	0.0011	34-1
34	43	Le	-0.0013	34-1
35	43	DEAD	0.0029	35-1
35	45	DEAD	-0.0031	35-1
35	43	Lr	0.0028	35-1
35	45	Lr	-0.0031	35-1
35	43	Le	0.0013	35-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
35	45	Le	-0.0014	35-1
36	45	DEAD	0.0031	36-1
36	47	DEAD	-0.0031	36-1
36	45	Lr	0.0031	36-1
36	47	Lr	-0.0031	36-1
36	45	Le	0.0014	36-1
36	47	Le	-0.0014	36-1
37	47	DEAD	0.0032	37-1
37	49	DEAD	-0.0031	37-1
37	47	Lr	0.0032	37-1
37	49	Lr	-0.0031	37-1
37	47	Le	0.0014	37-1
37	49	Le	-0.0014	37-1
38	49	DEAD	0.0031	38-1
38	51	DEAD	-0.0029	38-1
38	49	Lr	0.0031	38-1
38	51	Lr	-0.0029	38-1
38	49	Le	0.0014	38-1
38	51	Le	-0.0013	38-1
39	51	DEAD	0.0031	39-1
39	53	DEAD	-0.0026	39-1
39	51	Lr	0.0031	39-1
39	53	Lr	-0.0026	39-1
39	51	Le	0.0014	39-1
39	53	Le	-0.0011	39-1
40	53	DEAD	0.0026	40-1
40	55	DEAD	-0.002	40-1
40	53	Lr	0.0026	40-1
40	55	Lr	-0.002	40-1
40	53	Le	0.0011	40-1
40	55	Le	-9.041E-04	40-1
41	55	DEAD	0.0024	41-1
41	57	DEAD	-0.0014	41-1
41	55	Lr	0.0023	41-1
41	57	Lr	-0.0013	41-1
41	55	Le	0.001	41-1
41	57	Le	-6.020E-04	41-1
42	57	DEAD	0.0014	42-1
42	59	DEAD	-4.580E-04	42-1
42	57	Lr	0.0013	42-1
42	59	Lr	-4.402E-04	42-1
42	57	Le	5.987E-04	42-1
42	59	Le	-1.972E-04	42-1
43	59	DEAD	5.101E-04	43-1
43	61	DEAD	-5.980E-05	43-1
43	59	Lr	4.802E-04	43-1
43	61	Lr	-6.126E-05	43-1
43	59	Le	2.152E-04	43-1
43	61	Le	-2.745E-05	43-1
44	1	DEAD	5.178E-04	44-1
44	3	DEAD	4.771E-04	44-1
44	1	Lr	5.429E-04	44-1
44	3	Lr	5.050E-04	44-1
44	1	Le	2.432E-04	44-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
44	3	Le	2.262E-04	44-1
45	3	DEAD	8.806E-04	45-1
45	5	DEAD	-0.0011	45-1
45	3	Lr	8.754E-04	45-1
45	5	Lr	-0.001	45-1
45	3	Le	3.922E-04	45-1
45	5	Le	-4.633E-04	45-1
46	5	DEAD	0.0018	46-1
46	7	DEAD	-0.0014	46-1
46	5	Lr	0.0018	46-1
46	7	Lr	-0.0014	46-1
46	5	Le	8.185E-04	46-1
46	7	Le	-6.227E-04	46-1
47	7	DEAD	0.0023	47-1
47	9	DEAD	-0.0023	47-1
47	7	Lr	0.0023	47-1
47	9	Lr	-0.0023	47-1
47	7	Le	0.001	47-1
47	9	Le	-0.001	47-1
48	9	DEAD	0.0028	48-1
48	11	DEAD	-0.0025	48-1
48	9	Lr	0.0028	48-1
48	11	Lr	-0.0025	48-1
48	9	Le	0.0013	48-1
48	11	Le	-0.0011	48-1
49	11	DEAD	0.0031	49-1
49	13	DEAD	-0.0033	49-1
49	11	Lr	0.003	49-1
49	13	Lr	-0.0033	49-1
49	11	Le	0.0014	49-1
49	13	Le	-0.0015	49-1
50	13	DEAD	0.0032	50-1
50	15	DEAD	-0.003	50-1
50	13	Lr	0.0032	50-1
50	15	Lr	-0.0029	50-1
50	13	Le	0.0014	50-1
50	15	Le	-0.0013	50-1
51	15	DEAD	0.0031	51-1
51	17	DEAD	-0.0032	51-1
51	15	Lr	0.0031	51-1
51	17	Lr	-0.0032	51-1
51	15	Le	0.0014	51-1
51	17	Le	-0.0014	51-1
52	17	DEAD	0.003	52-1
52	19	DEAD	-0.0033	52-1
52	17	Lr	0.003	52-1
52	19	Lr	-0.0032	52-1
52	17	Le	0.0013	52-1
52	19	Le	-0.0014	52-1
53	19	DEAD	0.0028	53-1
53	21	DEAD	-0.0028	53-1
53	19	Lr	0.0028	53-1
53	21	Lr	-0.0028	53-1
53	19	Le	0.0012	53-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
53	21	Le	-0.0012	53-1
54	21	DEAD	0.0022	54-1
54	23	DEAD	-0.0028	54-1
54	21	Lr	0.0022	54-1
54	23	Lr	-0.0027	54-1
54	21	Le	9.807E-04	54-1
54	23	Le	-0.0012	54-1
55	23	DEAD	0.0019	55-1
55	25	DEAD	-0.002	55-1
55	23	Lr	0.0019	55-1
55	25	Lr	-0.0019	55-1
55	23	Le	8.388E-04	55-1
55	25	Le	-8.585E-04	55-1
56	25	DEAD	6.878E-04	56-1
56	29	DEAD	-0.0018	56-1
56	25	Lr	7.012E-04	56-1
56	29	Lr	-0.0018	56-1
56	25	Le	3.142E-04	56-1
56	29	Le	-7.871E-04	56-1
57	29	DEAD	3.113E-04	57-1
57	31	DEAD	2.873E-04	57-1
57	29	Lr	3.116E-04	57-1
57	31	Lr	3.583E-04	57-1
57	29	Le	1.396E-04	57-1
57	31	Le	1.605E-04	57-1
306	3	DEAD	2.768E-05	306-1
306	35	DEAD	-2.768E-05	306-1
306	3	Lr	2.774E-05	306-1
306	35	Lr	-2.774E-05	306-1
306	3	Le	1.243E-05	306-1
306	35	Le	-1.243E-05	306-1
307	5	DEAD	5.950E-06	307-1
307	37	DEAD	-5.950E-06	307-1
307	5	Lr	5.906E-06	307-1
307	37	Lr	-5.906E-06	307-1
307	5	Le	2.646E-06	307-1
307	37	Le	-2.646E-06	307-1
308	7	DEAD	1.262E-05	308-1
308	39	DEAD	-1.262E-05	308-1
308	7	Lr	1.264E-05	308-1
308	39	Lr	-1.264E-05	308-1
308	7	Le	5.663E-06	308-1
308	39	Le	-5.663E-06	308-1
309	9	DEAD	7.955E-06	309-1
309	41	DEAD	-7.955E-06	309-1
309	9	Lr	7.988E-06	309-1
309	41	Lr	-7.988E-06	309-1
309	9	Le	3.579E-06	309-1
309	41	Le	-3.579E-06	309-1
30A	11	DEAD	9.764E-06	30A-1
30A	43	DEAD	-9.764E-06	30A-1
30A	11	Lr	9.843E-06	30A-1
30A	43	Lr	-9.843E-06	30A-1
30A	11	Le	4.410E-06	30A-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
30A	43	Le	-4.410E-06	30A-1
30B	13	DEAD	1.961E-06	30B-1
30B	45	DEAD	-1.961E-06	30B-1
30B	13	Lr	1.885E-06	30B-1
30B	45	Lr	-1.885E-06	30B-1
30B	13	Le	8.444E-07	30B-1
30B	45	Le	-8.444E-07	30B-1
30C	15	DEAD	2.893E-06	30C-1
30C	47	DEAD	-2.893E-06	30C-1
30C	15	Lr	3.023E-06	30C-1
30C	47	Lr	-3.023E-06	30C-1
30C	15	Le	1.354E-06	30C-1
30C	47	Le	-1.354E-06	30C-1
30D	5	DEAD	6.431E-04	30D-1
30D	35	DEAD	3.415E-04	30D-1
30D	5	Lr	6.397E-04	30D-1
30D	35	Lr	3.376E-04	30D-1
30D	5	Le	2.866E-04	30D-1
30D	35	Le	1.513E-04	30D-1
30E	5	DEAD	3.327E-05	30E-1
30E	39	DEAD	-8.261E-05	30E-1
30E	5	Lr	3.419E-05	30E-1
30E	39	Lr	-8.196E-05	30E-1
30E	5	Le	1.532E-05	30E-1
30E	39	Le	-3.672E-05	30E-1
30F	9	DEAD	4.229E-04	30F-1
30F	39	DEAD	2.613E-04	30F-1
30F	9	Lr	4.203E-04	30F-1
30F	39	Lr	2.589E-04	30F-1
30F	9	Le	1.883E-04	30F-1
30F	39	Le	1.160E-04	30F-1
310	9	DEAD	3.741E-05	310-1
310	43	DEAD	-4.669E-05	310-1
310	9	Lr	3.871E-05	310-1
310	43	Lr	-4.612E-05	310-1
310	9	Le	1.734E-05	310-1
310	43	Le	-2.066E-05	310-1
311	13	DEAD	1.759E-04	311-1
311	43	DEAD	9.394E-05	311-1
311	13	Lr	1.736E-04	311-1
311	43	Lr	9.300E-05	311-1
311	13	Le	7.778E-05	311-1
311	43	Le	4.167E-05	311-1
312	13	DEAD	-3.294E-05	312-1
312	47	DEAD	7.861E-06	312-1
312	13	Lr	-3.413E-05	312-1
312	47	Lr	7.115E-06	312-1
312	13	Le	-1.529E-05	312-1
312	47	Le	3.188E-06	312-1
343	17	DEAD	2.104E-06	343-1
343	49	DEAD	-2.104E-06	343-1
343	17	Lr	2.182E-06	343-1
343	49	Lr	-2.182E-06	343-1
343	17	Le	9.776E-07	343-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
343	49	Le	-9.776E-07	343-1
344	19	DEAD	-1.769E-06	344-1
344	51	DEAD	1.769E-06	344-1
344	19	Lr	-1.597E-06	344-1
344	51	Lr	1.597E-06	344-1
344	19	Le	-7.153E-07	344-1
344	51	Le	7.153E-07	344-1
345	21	DEAD	-4.838E-07	345-1
345	53	DEAD	4.838E-07	345-1
345	21	Lr	-3.336E-07	345-1
345	53	Lr	3.336E-07	345-1
345	21	Le	-1.495E-07	345-1
345	53	Le	1.495E-07	345-1
346	23	DEAD	-6.656E-06	346-1
346	55	DEAD	6.656E-06	346-1
346	23	Lr	-6.435E-06	346-1
346	55	Lr	6.435E-06	346-1
346	23	Le	-2.883E-06	346-1
346	55	Le	2.883E-06	346-1
347	25	DEAD	-7.571E-06	347-1
347	57	DEAD	7.571E-06	347-1
347	25	Lr	-7.414E-06	347-1
347	57	Lr	7.414E-06	347-1
347	25	Le	-3.322E-06	347-1
347	57	Le	3.322E-06	347-1
348	29	DEAD	-2.279E-05	348-1
348	59	DEAD	2.279E-05	348-1
348	29	Lr	-2.292E-05	348-1
348	59	Lr	2.292E-05	348-1
348	29	Le	-1.027E-05	348-1
348	59	Le	1.027E-05	348-1
349	17	DEAD	2.762E-06	349-1
349	47	DEAD	-7.468E-05	349-1
349	17	Lr	4.439E-06	349-1
349	47	Lr	-7.335E-05	349-1
349	17	Le	1.989E-06	349-1
349	47	Le	-3.286E-05	349-1
34A	17	DEAD	-2.655E-06	34A-1
34A	51	DEAD	3.545E-05	34A-1
34A	17	Lr	-8.980E-07	34A-1
34A	51	Lr	3.522E-05	34A-1
34A	17	Le	-4.024E-07	34A-1
34A	51	Le	1.578E-05	34A-1
34B	21	DEAD	-2.174E-04	34B-1
34B	51	DEAD	-2.353E-04	34B-1
34B	21	Lr	-2.128E-04	34B-1
34B	51	Lr	-2.321E-04	34B-1
34B	21	Le	-9.533E-05	34B-1
34B	51	Le	-1.040E-04	34B-1
34C	21	DEAD	-1.718E-05	34C-1
34C	55	DEAD	6.575E-05	34C-1
34C	21	Lr	-1.495E-05	34C-1
34C	55	Lr	6.537E-05	34C-1
34C	21	Le	-6.700E-06	34C-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
34C	55	Le	2.929E-05	34C-1
34D	25	DEAD	-4.767E-04	34D-1
34D	55	DEAD	-3.996E-04	34D-1
34D	25	Lr	-4.680E-04	34D-1
34D	55	Lr	-3.946E-04	34D-1
34D	25	Le	-2.097E-04	34D-1
34D	55	Le	-1.768E-04	34D-1
34E	25	DEAD	-2.269E-05	34E-1
34E	59	DEAD	2.797E-04	34E-1
34E	25	Lr	-1.965E-05	34E-1
34E	59	Lr	2.832E-04	34E-1
34E	25	Le	-8.803E-06	34E-1
34E	59	Le	1.269E-04	34E-1
35C	4	DEAD	2.781E-05	35C-1
35C	36	DEAD	-2.781E-05	35C-1
35C	4	Lr	2.770E-05	35C-1
35C	36	Lr	-2.770E-05	35C-1
35C	4	Le	1.241E-05	35C-1
35C	36	Le	-1.241E-05	35C-1
35D	6	DEAD	6.150E-06	35D-1
35D	38	DEAD	-6.150E-06	35D-1
35D	6	Lr	5.856E-06	35D-1
35D	38	Lr	-5.856E-06	35D-1
35D	6	Le	2.624E-06	35D-1
35D	38	Le	-2.624E-06	35D-1
35E	8	DEAD	1.285E-05	35E-1
35E	40	DEAD	-1.285E-05	35E-1
35E	8	Lr	1.257E-05	35E-1
35E	40	Lr	-1.257E-05	35E-1
35E	8	Le	5.631E-06	35E-1
35E	40	Le	-5.631E-06	35E-1
35F	10	DEAD	8.242E-06	35F-1
35F	42	DEAD	-8.242E-06	35F-1
35F	10	Lr	8.036E-06	35F-1
35F	42	Lr	-8.036E-06	35F-1
35F	10	Le	3.601E-06	35F-1
35F	42	Le	-3.601E-06	35F-1
360	12	DEAD	9.571E-06	360-1
360	44	DEAD	-9.571E-06	360-1
360	12	Lr	9.284E-06	360-1
360	44	Lr	-9.284E-06	360-1
360	12	Le	4.160E-06	360-1
360	44	Le	-4.160E-06	360-1
361	14	DEAD	1.969E-06	361-1
361	46	DEAD	-1.969E-06	361-1
361	14	Lr	2.005E-06	361-1
361	46	Lr	-2.005E-06	361-1
361	14	Le	8.985E-07	361-1
361	46	Le	-8.985E-07	361-1
362	16	DEAD	3.826E-06	362-1
362	48	DEAD	-3.826E-06	362-1
362	16	Lr	3.608E-06	362-1
362	48	Lr	-3.608E-06	362-1
362	16	Le	1.616E-06	362-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
362	48	Le	-1.616E-06	362-1
363	6	DEAD	6.465E-04	363-1
363	36	DEAD	3.427E-04	363-1
363	6	Lr	6.390E-04	363-1
363	36	Lr	3.376E-04	363-1
363	6	Le	2.863E-04	363-1
363	36	Le	1.512E-04	363-1
364	6	DEAD	3.707E-05	364-1
364	40	DEAD	-8.161E-05	364-1
364	6	Lr	3.337E-05	364-1
364	40	Lr	-8.214E-05	364-1
364	6	Le	1.495E-05	364-1
364	40	Le	-3.680E-05	364-1
365	10	DEAD	4.287E-04	365-1
365	40	DEAD	2.629E-04	365-1
365	10	Lr	4.227E-04	365-1
365	40	Lr	2.601E-04	365-1
365	10	Le	1.894E-04	365-1
365	40	Le	1.166E-04	365-1
366	10	DEAD	4.218E-05	366-1
366	44	DEAD	-4.870E-05	366-1
366	10	Lr	3.915E-05	366-1
366	44	Lr	-4.912E-05	366-1
366	10	Le	1.754E-05	366-1
366	44	Le	-2.201E-05	366-1
367	14	DEAD	1.900E-04	367-1
367	44	DEAD	1.086E-04	367-1
367	14	Lr	1.893E-04	367-1
367	44	Lr	1.082E-04	367-1
367	14	Le	8.481E-05	367-1
367	44	Le	4.849E-05	367-1
368	14	DEAD	-4.812E-05	368-1
368	48	DEAD	-5.231E-06	368-1
368	14	Lr	-4.697E-05	368-1
368	48	Lr	-5.289E-06	368-1
368	14	Le	-2.104E-05	368-1
368	48	Le	-2.370E-06	368-1
369	18	DEAD	2.151E-06	369-1
369	50	DEAD	-2.151E-06	369-1
369	18	Lr	2.026E-06	369-1
369	50	Lr	-2.026E-06	369-1
369	18	Le	9.077E-07	369-1
369	50	Le	-9.077E-07	369-1
36A	20	DEAD	-1.480E-06	36A-1
36A	52	DEAD	1.480E-06	36A-1
36A	20	Lr	-1.609E-06	36A-1
36A	52	Lr	1.609E-06	36A-1
36A	20	Le	-7.208E-07	36A-1
36A	52	Le	7.208E-07	36A-1
36B	22	DEAD	-2.250E-07	36B-1
36B	54	DEAD	2.250E-07	36B-1
36B	22	Lr	-3.319E-07	36B-1
36B	54	Lr	3.319E-07	36B-1
36B	22	Le	-1.487E-07	36B-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
36B	54	Le	1.487E-07	36B-1
36C	24	DEAD	-6.374E-06	36C-1
36C	56	DEAD	6.374E-06	36C-1
36C	24	Lr	-6.463E-06	36C-1
36C	56	Lr	6.463E-06	36C-1
36C	24	Le	-2.896E-06	36C-1
36C	56	Le	2.896E-06	36C-1
36D	27	DEAD	-7.109E-06	36D-1
36D	58	DEAD	7.109E-06	36D-1
36D	27	Lr	-7.399E-06	36D-1
36D	58	Lr	7.399E-06	36D-1
36D	27	Le	-3.315E-06	36D-1
36D	58	Le	3.315E-06	36D-1
36E	30	DEAD	-2.252E-05	36E-1
36E	60	DEAD	2.252E-05	36E-1
36E	30	Lr	-2.286E-05	36E-1
36E	60	Lr	2.286E-05	36E-1
36E	30	Le	-1.024E-05	36E-1
36E	60	Le	1.024E-05	36E-1
36F	18	DEAD	1.855E-06	36F-1
36F	48	DEAD	-7.477E-05	36F-1
36F	18	Lr	6.979E-07	36F-1
36F	48	Lr	-7.375E-05	36F-1
36F	18	Le	3.127E-07	36F-1
36F	48	Le	-3.304E-05	36F-1
370	18	DEAD	-7.707E-07	370-1
370	52	DEAD	3.605E-05	370-1
370	18	Lr	-3.318E-06	370-1
370	52	Lr	3.458E-05	370-1
370	18	Le	-1.486E-06	370-1
370	52	Le	1.549E-05	370-1
371	22	DEAD	-2.123E-04	371-1
371	52	DEAD	-2.333E-04	371-1
371	22	Lr	-2.114E-04	371-1
371	52	Lr	-2.308E-04	371-1
371	22	Le	-9.470E-05	371-1
371	52	Le	-1.034E-04	371-1
372	22	DEAD	-1.300E-05	372-1
372	56	DEAD	6.658E-05	372-1
372	22	Lr	-1.555E-05	372-1
372	56	Lr	6.517E-05	372-1
372	22	Le	-6.966E-06	372-1
372	56	Le	2.920E-05	372-1
373	27	DEAD	-4.688E-04	373-1
373	56	DEAD	-3.970E-04	373-1
373	27	Lr	-4.675E-04	373-1
373	56	Lr	-3.933E-04	373-1
373	27	Le	-2.095E-04	373-1
373	56	Le	-1.762E-04	373-1
374	27	DEAD	-1.509E-05	374-1
374	60	DEAD	2.816E-04	374-1
374	27	Lr	-1.980E-05	374-1
374	60	Lr	2.830E-04	374-1
374	27	Le	-8.872E-06	374-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
374	60	Le	1.268E-04	374-1
3D1	31	DEAD	-5.980E-05	3D1-1
3D1	61	DEAD	5.980E-05	3D1-1
3D1	31	Lr	-6.126E-05	3D1-1
3D1	61	Lr	6.126E-05	3D1-1
3D1	31	Le	-2.745E-05	3D1-1
3D1	61	Le	2.745E-05	3D1-1
3D2	1	DEAD	1.398E-05	3D2-1
3D2	33	DEAD	-1.398E-05	3D2-1
3D2	1	Lr	1.412E-05	3D2-1
3D2	33	Lr	-1.412E-05	3D2-1
3D2	1	Le	6.325E-06	3D2-1
3D2	33	Le	-6.325E-06	3D2-1
3D3	32	DEAD	-5.936E-05	3D3-1
3D3	62	DEAD	5.936E-05	3D3-1
3D3	32	Lr	-6.124E-05	3D3-1
3D3	62	Lr	6.124E-05	3D3-1
3D3	32	Le	-2.744E-05	3D3-1
3D3	62	Le	2.744E-05	3D3-1
3D4	2	DEAD	1.413E-05	3D4-1
3D4	34	DEAD	-1.413E-05	3D4-1
3D4	2	Lr	1.400E-05	3D4-1
3D4	34	Lr	-1.400E-05	3D4-1
3D4	2	Le	6.274E-06	3D4-1
3D4	34	Le	-6.274E-06	3D4-1
3D5	1	DEAD	-2.920E-04	3D5-1
3D5	2	DEAD	-3.721E-04	3D5-1
3D5	1	Lr	-3.234E-04	3D5-1
3D5	2	Lr	-3.280E-04	3D5-1
3D5	1	Le	-1.449E-04	3D5-1
3D5	2	Le	-1.470E-04	3D5-1
3D6	3	DEAD	-0.0014	3D6-1
3D6	4	DEAD	-0.0015	3D6-1
3D6	3	Lr	-0.0014	3D6-1
3D6	4	Lr	-0.0014	3D6-1
3D6	3	Le	-6.331E-04	3D6-1
3D6	4	Le	-6.336E-04	3D6-1
3D7	5	DEAD	-0.0014	3D7-1
3D7	6	DEAD	-0.0015	3D7-1
3D7	5	Lr	-0.0015	3D7-1
3D7	6	Lr	-0.0015	3D7-1
3D7	5	Le	-6.616E-04	3D7-1
3D7	6	Le	-6.621E-04	3D7-1
3D8	7	DEAD	-9.073E-04	3D8-1
3D8	8	DEAD	-9.836E-04	3D8-1
3D8	7	Lr	-9.338E-04	3D8-1
3D8	8	Lr	-9.349E-04	3D8-1
3D8	7	Le	-4.184E-04	3D8-1
3D8	8	Le	-4.189E-04	3D8-1
3D9	9	DEAD	-9.622E-04	3D9-1
3D9	10	DEAD	-0.001	3D9-1
3D9	9	Lr	-9.913E-04	3D9-1
3D9	10	Lr	-9.804E-04	3D9-1
3D9	9	Le	-4.442E-04	3D9-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
3D9	10	Le	-4.393E-04	3D9-1
3DA	11	DEAD	-5.250E-04	3DA-1
3DA	12	DEAD	-6.539E-04	3DA-1
3DA	11	Lr	-5.544E-04	3DA-1
3DA	12	Lr	-6.118E-04	3DA-1
3DA	11	Le	-2.484E-04	3DA-1
3DA	12	Le	-2.741E-04	3DA-1
3DB	15	DEAD	-1.508E-04	3DB-1
3DB	16	DEAD	-1.663E-04	3DB-1
3DB	15	Lr	-1.842E-04	3DB-1
3DB	16	Lr	-1.287E-04	3DB-1
3DB	15	Le	-8.254E-05	3DB-1
3DB	16	Le	-5.764E-05	3DB-1
3DC	17	DEAD	2.331E-04	3DC-1
3DC	18	DEAD	1.418E-04	3DC-1
3DC	17	Lr	1.909E-04	3DC-1
3DC	18	Lr	1.807E-04	3DC-1
3DC	17	Le	8.551E-05	3DC-1
3DC	18	Le	8.096E-05	3DC-1
3DD	19	DEAD	4.773E-04	3DD-1
3DD	20	DEAD	4.052E-04	3DD-1
3DD	19	Lr	4.353E-04	3DD-1
3DD	20	Lr	4.385E-04	3DD-1
3DD	19	Le	1.950E-04	3DD-1
3DD	20	Le	1.965E-04	3DD-1
3DE	21	DEAD	8.589E-04	3DE-1
3DE	22	DEAD	7.802E-04	3DE-1
3DE	21	Lr	8.112E-04	3DE-1
3DE	22	Lr	8.124E-04	3DE-1
3DE	21	Le	3.634E-04	3DE-1
3DE	22	Le	3.640E-04	3DE-1
3DF	23	DEAD	9.209E-04	3DF-1
3DF	24	DEAD	8.453E-04	3DF-1
3DF	23	Lr	8.748E-04	3DF-1
3DF	24	Lr	8.782E-04	3DF-1
3DF	23	Le	3.920E-04	3DF-1
3DF	24	Le	3.935E-04	3DF-1
3E0	25	DEAD	0.0018	3E0-1
3E0	26	DEAD	-0.0018	3E0-1
3E0	25	Lr	0.0017	3E0-1
3E0	26	Lr	-0.0017	3E0-1
3E0	25	Le	7.690E-04	3E0-1
3E0	26	Le	-7.550E-04	3E0-1
3E0	26	DEAD	8.796E-04	3E0-2
3E0	27	DEAD	8.455E-04	3E0-2
3E0	26	Lr	8.425E-04	3E0-2
3E0	27	Lr	8.718E-04	3E0-2
3E0	26	Le	3.775E-04	3E0-2
3E0	27	Le	3.906E-04	3E0-2
3E1	26	DEAD	8.796E-04	3E1-1
3E1	27	DEAD	8.455E-04	3E1-1
3E1	26	Lr	8.425E-04	3E1-1
3E1	27	Lr	8.718E-04	3E1-1
3E1	26	Le	3.775E-04	3E1-1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
3E1	27	Le	3.906E-04	3E1-1
3E1	27	DEAD	-9.021E-16	3E1-2
3E1	28	DEAD	-9.576E-16	3E1-2
3E1	27	Lr	-8.882E-16	3E1-2
3E1	28	Lr	-4.441E-16	3E1-2
3E1	27	Le	3.400E-16	3E1-2
3E1	28	Le	-8.674E-17	3E1-2
3E2	29	DEAD	0.0015	3E2-1
3E2	30	DEAD	0.0014	3E2-1
3E2	29	Lr	0.0015	3E2-1
3E2	30	Lr	0.0015	3E2-1
3E2	29	Le	6.614E-04	3E2-1
3E2	30	Le	6.622E-04	3E2-1
3E3	31	DEAD	4.545E-04	3E3-1
3E3	32	DEAD	3.872E-04	3E3-1
3E3	31	Lr	3.780E-04	3E3-1
3E3	32	Lr	3.769E-04	3E3-1
3E3	31	Le	1.694E-04	3E3-1
3E3	32	Le	1.689E-04	3E3-1
3E4	2	DEAD	-2.374E-04	3E4-1
3E4	36	DEAD	-7.012E-04	3E4-1
3E4	2	Lr	-2.355E-04	3E4-1
3E4	36	Lr	-6.972E-04	3E4-1
3E4	2	Le	-1.055E-04	3E4-1
3E4	36	Le	-3.124E-04	3E4-1
3E5	1	DEAD	-2.414E-04	3E5-1
3E5	35	DEAD	-7.021E-04	3E5-1
3E5	1	Lr	-2.353E-04	3E5-1
3E5	35	Lr	-6.982E-04	3E5-1
3E5	1	Le	-1.054E-04	3E5-1
3E5	35	Le	-3.128E-04	3E5-1
3E6	32	DEAD	-6.711E-04	3E6-1
3E6	60	DEAD	-3.543E-04	3E6-1
3E6	32	Lr	-6.705E-04	3E6-1
3E6	60	Lr	-3.469E-04	3E6-1
3E6	32	Le	-3.004E-04	3E6-1
3E6	60	Le	-1.554E-04	3E6-1
3E7	31	DEAD	-6.769E-04	3E7-1
3E7	59	DEAD	-3.547E-04	3E7-1
3E7	31	Lr	-6.699E-04	3E7-1
3E7	59	Lr	-3.461E-04	3E7-1
3E7	31	Le	-3.001E-04	3E7-1
3E7	59	Le	-1.551E-04	3E7-1

Table: Element Strains - Area Shells, Part 1 of 3

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
1	1	Membrane	33	DEAD	LinStatic	0.000046	6.478E-06	0.000244	0.00015
1	1	Membrane	35	DEAD	LinStatic	0.000046	-0.000026	0.000328	0.000178

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
1	1	Membrane	1	DEAD	LinStatic	-0.000094	6.478E-06	0.000299	0.000114
1	1	Membrane	33	Lr	LinStatic	0.000046	7.095E-06	0.00024	0.000148
1	1	Membrane	35	Lr	LinStatic	0.000046	-0.000027	0.000324	0.000175
1	1	Membrane	1	Lr	LinStatic	-0.000094	7.095E-06	0.000297	0.000113
1	1	Membrane	33	Le	LinStatic	0.000021	3.179E-06	0.000107	0.000066
1	1	Membrane	35	Le	LinStatic	0.000021	-0.000012	0.000145	0.000079
1	1	Membrane	1	Le	LinStatic	-0.000042	3.179E-06	0.000133	0.000051
2	2	Membrane	1	DEAD	LinStatic	0.000069	0.000051	0.000379	0.00025
2	2	Membrane	35	DEAD	LinStatic	0.000084	-0.000026	0.000258	0.000169
2	2	Membrane	3	DEAD	LinStatic	0.000069	-0.000026	0.000388	0.000221
2	2	Membrane	1	Lr	LinStatic	0.000068	0.000052	0.000375	0.000248
2	2	Membrane	35	Lr	LinStatic	0.000083	-0.000027	0.000252	0.000166
2	2	Membrane	3	Lr	LinStatic	0.000068	-0.000027	0.000384	0.000218
2	2	Membrane	1	Le	LinStatic	0.000031	0.000023	0.000168	0.000111
2	2	Membrane	35	Le	LinStatic	0.000037	-0.000012	0.000113	0.000074
2	2	Membrane	3	Le	LinStatic	0.000031	-0.000012	0.000172	0.000098
3	3	Membrane	3	DEAD	LinStatic	0.000124	0.00005	0.000321	0.000252
3	3	Membrane	35	DEAD	LinStatic	-0.00002	0.00005	0.000192	0.000117
3	3	Membrane	5	DEAD	LinStatic	0.000124	-0.000102	0.000152	0.000147
3	3	Membrane	3	Lr	LinStatic	0.000122	0.000051	0.000319	0.00025
3	3	Membrane	35	Lr	LinStatic	-0.000019	0.000051	0.000187	0.000116
3	3	Membrane	5	Lr	LinStatic	0.000122	-0.000104	0.000153	0.000145
3	3	Membrane	3	Le	LinStatic	0.000055	0.000023	0.000143	0.000112
3	3	Membrane	35	Le	LinStatic	-8.446E-06	0.000023	0.000084	0.000052
3	3	Membrane	5	Le	LinStatic	0.000055	-0.000047	0.000069	0.000065
4	4	Membrane	5	DEAD	LinStatic	-0.000027	-0.000014	0.000454	0.000206
4	4	Membrane	35	DEAD	LinStatic	-0.00029	-0.000027	0.000775	0.00025
4	4	Membrane	37	DEAD	LinStatic	-0.00029	-0.000014	0.000465	0.000118
4	4	Membrane	5	Lr	LinStatic	-0.000025	-0.000015	0.000448	0.000204

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
4	4	Membrane	35	Lr	LinStatic	-0.000288	-0.000028	0.000768	0.000248
4	4	Membrane	37	Lr	LinStatic	-0.000288	-0.000015	0.000459	0.000116
4	4	Membrane	5	Le	LinStatic	-0.000011	-6.561E-06	0.000201	0.000092
4	4	Membrane	35	Le	LinStatic	-0.000129	-0.000012	0.000344	0.000111
4	4	Membrane	37	Le	LinStatic	-0.000129	-6.561E-06	0.000206	0.000052
5	5	Membrane	5	DEAD	LinStatic	-0.000032	-0.000023	0.000094	0.00002
5	5	Membrane	37	DEAD	LinStatic	-0.000289	-0.000023	0.000105	-0.000013
5	5	Membrane	39	DEAD	LinStatic	-0.000289	-0.00001	-0.000197	0.000021
5	5	Membrane	5	Lr	LinStatic	-0.000032	-0.000023	0.000092	0.000019
5	5	Membrane	37	Lr	LinStatic	-0.000285	-0.000023	0.000103	-0.000014
5	5	Membrane	39	Lr	LinStatic	-0.000285	-0.00001	-0.000195	0.000021
5	5	Membrane	5	Le	LinStatic	-0.000014	-0.00001	0.000041	8.302E-06
5	5	Membrane	37	Le	LinStatic	-0.000128	-0.00001	0.000046	-6.077E-06
5	5	Membrane	39	Le	LinStatic	-0.000128	-4.610E-06	-0.000087	9.271E-06
6	6	Membrane	39	DEAD	LinStatic	0.000126	-3.423E-06	0.000505	0.000322
6	6	Membrane	7	DEAD	LinStatic	0.000399	-3.423E-06	0.000514	0.000524
6	6	Membrane	5	DEAD	LinStatic	0.000399	7.336E-06	0.000836	0.000665
6	6	Membrane	39	Lr	LinStatic	0.000124	-3.776E-06	0.000498	0.000318
6	6	Membrane	7	Lr	LinStatic	0.000395	-3.776E-06	0.000508	0.000518
6	6	Membrane	5	Lr	LinStatic	0.000395	7.232E-06	0.000826	0.000657
6	6	Membrane	39	Le	LinStatic	0.000056	-1.692E-06	0.000223	0.000142
6	6	Membrane	7	Le	LinStatic	0.000177	-1.692E-06	0.000228	0.000232
6	6	Membrane	5	Le	LinStatic	0.000177	3.240E-06	0.00037	0.000294
7	7	Membrane	39	DEAD	LinStatic	0.000066	3.750E-06	-0.000026	0.000069
7	7	Membrane	9	DEAD	LinStatic	0.00043	-7.009E-06	-0.000446	0.000524
7	7	Membrane	7	DEAD	LinStatic	0.00043	3.750E-06	-0.000017	0.000431
7	7	Membrane	39	Lr	LinStatic	0.000065	3.563E-06	-0.000026	0.000068
7	7	Membrane	9	Lr	LinStatic	0.000425	-7.446E-06	-0.00044	0.000518
7	7	Membrane	7	Lr	LinStatic	0.000425	3.563E-06	-0.000017	0.000426

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
7	7	Membrane	39	Le	LinStatic	0.000029	1.596E-06	-0.000012	0.00003
7	7	Membrane	9	Le	LinStatic	0.000191	-3.336E-06	-0.000197	0.000232
7	7	Membrane	7	Le	LinStatic	0.000191	1.596E-06	-7.503E-06	0.000191
8	8	Membrane	39	DEAD	LinStatic	-0.000513	-0.000015	0.000962	0.000278
8	8	Membrane	41	DEAD	LinStatic	-0.000513	-0.00002	0.000529	0.000095
8	8	Membrane	9	DEAD	LinStatic	-0.000144	-0.00002	0.000533	0.000192
8	8	Membrane	39	Lr	LinStatic	-0.000507	-0.000015	0.000952	0.000275
8	8	Membrane	41	Lr	LinStatic	-0.000507	-0.00002	0.000523	0.000094
8	8	Membrane	9	Lr	LinStatic	-0.000142	-0.00002	0.000527	0.000189
8	8	Membrane	39	Le	LinStatic	-0.000227	-6.890E-06	0.000427	0.000123
8	8	Membrane	41	Le	LinStatic	-0.000227	-9.105E-06	0.000234	0.000042
8	8	Membrane	9	Le	LinStatic	-0.000064	-9.105E-06	0.000236	0.000085
9	9	Membrane	9	DEAD	LinStatic	-0.000099	-0.000017	-0.000155	0.00003
9	9	Membrane	41	DEAD	LinStatic	-0.000536	-0.000017	-0.000159	-4.959E-06
9	9	Membrane	43	DEAD	LinStatic	-0.000536	-0.000022	-0.000673	0.000145
9	9	Membrane	9	Lr	LinStatic	-0.000098	-0.000017	-0.000153	0.000029
9	9	Membrane	41	Lr	LinStatic	-0.00053	-0.000017	-0.000157	-5.240E-06
9	9	Membrane	43	Lr	LinStatic	-0.00053	-0.000022	-0.000666	0.000143
9	9	Membrane	9	Le	LinStatic	-0.000044	-7.628E-06	-0.000069	0.000013
9	9	Membrane	41	Le	LinStatic	-0.000238	-7.628E-06	-0.00007	-2.348E-06
9	9	Membrane	43	Le	LinStatic	-0.000238	-9.843E-06	-0.000298	0.000064
10	10	Membrane	43	DEAD	LinStatic	0.000159	-1.865E-06	0.000501	0.000342
10	10	Membrane	11	DEAD	LinStatic	0.000597	-1.865E-06	0.000507	0.00069
10	10	Membrane	9	DEAD	LinStatic	0.000597	4.186E-06	0.001022	0.000892
10	10	Membrane	43	Lr	LinStatic	0.000157	-2.222E-06	0.000495	0.000338
10	10	Membrane	11	Lr	LinStatic	0.000591	-2.222E-06	0.000501	0.000682
10	10	Membrane	9	Lr	LinStatic	0.000591	4.092E-06	0.001011	0.000882
10	10	Membrane	43	Le	LinStatic	0.00007	-9.958E-07	0.000222	0.000151
10	10	Membrane	11	Le	LinStatic	0.000265	-9.958E-07	0.000224	0.000306

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
10	10	Membrane	9	Le	LinStatic	0.000265	1.834E-06	0.000453	0.000395
11	11	Membrane	43	DEAD	LinStatic	0.00013	2.169E-06	-0.000255	0.000209
11	11	Membrane	13	DEAD	LinStatic	0.000612	-3.882E-06	-0.000817	0.000816
11	11	Membrane	11	DEAD	LinStatic	0.000612	2.169E-06	-0.00025	0.000637
11	11	Membrane	43	Lr	LinStatic	0.000129	1.987E-06	-0.000252	0.000207
11	11	Membrane	13	Lr	LinStatic	0.000605	-4.327E-06	-0.000807	0.000806
11	11	Membrane	11	Lr	LinStatic	0.000605	1.987E-06	-0.000247	0.000629
11	11	Membrane	43	Le	LinStatic	0.000058	8.904E-07	-0.000113	0.000093
11	11	Membrane	13	Le	LinStatic	0.000271	-1.939E-06	-0.000362	0.000361
11	11	Membrane	11	Le	LinStatic	0.000271	8.904E-07	-0.000111	0.000282
12	12	Membrane	13	DEAD	LinStatic	-0.000163	-0.000018	0.000488	0.000164
12	12	Membrane	43	DEAD	LinStatic	-0.00065	-0.000019	0.001062	0.000283
12	12	Membrane	45	DEAD	LinStatic	-0.00065	-0.000018	0.000489	0.000066
12	12	Membrane	13	Lr	LinStatic	-0.000161	-0.000018	0.000483	0.000162
12	12	Membrane	43	Lr	LinStatic	-0.000642	-0.00002	0.001051	0.00028
12	12	Membrane	45	Lr	LinStatic	-0.000642	-0.000018	0.000484	0.000065
12	12	Membrane	13	Le	LinStatic	-0.000072	-8.166E-06	0.000217	0.000073
12	12	Membrane	43	Le	LinStatic	-0.000288	-8.751E-06	0.000471	0.000125
12	12	Membrane	45	Le	LinStatic	-0.000288	-8.166E-06	0.000217	0.000029
13	13	Membrane	13	DEAD	LinStatic	-0.000146	-0.000019	-0.000352	0.000105
13	13	Membrane	45	DEAD	LinStatic	-0.000658	-0.000019	-0.000351	0.000026
13	13	Membrane	47	DEAD	LinStatic	-0.000658	-0.000018	-0.000954	0.000237
13	13	Membrane	13	Lr	LinStatic	-0.000144	-0.000019	-0.000349	0.000104
13	13	Membrane	45	Lr	LinStatic	-0.000651	-0.000019	-0.000348	0.000026
13	13	Membrane	47	Lr	LinStatic	-0.000651	-0.000018	-0.000944	0.000234
13	13	Membrane	13	Le	LinStatic	-0.000065	-8.556E-06	-0.000156	0.000046
13	13	Membrane	45	Le	LinStatic	-0.000292	-8.556E-06	-0.000156	0.000011
13	13	Membrane	47	Le	LinStatic	-0.000292	-7.972E-06	-0.000423	0.000105
14	14	Membrane	47	DEAD	LinStatic	0.000161	-5.963E-07	0.000427	0.000308

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
14	14	Membrane	15	DEAD	LinStatic	0.000676	-5.963E-07	0.000428	0.000738
14	14	Membrane	13	DEAD	LinStatic	0.000676	1.549E-06	0.001034	0.000956
14	14	Membrane	47	Lr	LinStatic	0.000159	-9.632E-07	0.000421	0.000304
14	14	Membrane	15	Lr	LinStatic	0.000668	-9.632E-07	0.000423	0.000729
14	14	Membrane	13	Lr	LinStatic	0.000668	1.473E-06	0.001022	0.000945
14	14	Membrane	47	Le	LinStatic	0.000071	-4.316E-07	0.000189	0.000136
14	14	Membrane	15	Le	LinStatic	0.000299	-4.316E-07	0.00019	0.000327
14	14	Membrane	13	Le	LinStatic	0.000299	6.599E-07	0.000458	0.000423
15	15	Membrane	15	DEAD	LinStatic	0.000676	8.342E-07	-0.000409	0.000733
15	15	Membrane	47	DEAD	LinStatic	0.000161	8.342E-07	-0.000411	0.000301
15	15	Membrane	17	DEAD	LinStatic	0.000676	-1.312E-06	-0.001014	0.000947
15	15	Membrane	15	Lr	LinStatic	0.000668	6.608E-07	-0.000404	0.000724
15	15	Membrane	47	Lr	LinStatic	0.000159	6.608E-07	-0.000406	0.000298
15	15	Membrane	17	Lr	LinStatic	0.000668	-1.775E-06	-0.001003	0.000936
15	15	Membrane	15	Le	LinStatic	0.000299	2.961E-07	-0.000181	0.000325
15	15	Membrane	47	Le	LinStatic	0.000071	2.961E-07	-0.000182	0.000133
15	15	Membrane	17	Le	LinStatic	0.000299	-7.954E-07	-0.000449	0.000419
16	16	Membrane	17	DEAD	LinStatic	-0.000151	-0.000018	0.000377	0.000115
16	16	Membrane	47	DEAD	LinStatic	-0.000667	-0.000019	0.000985	0.000247
16	16	Membrane	49	DEAD	LinStatic	-0.000667	-0.000018	0.000377	0.000033
16	16	Membrane	17	Lr	LinStatic	-0.000149	-0.000019	0.000373	0.000114
16	16	Membrane	47	Lr	LinStatic	-0.00066	-0.000019	0.000974	0.000244
16	16	Membrane	49	Lr	LinStatic	-0.00066	-0.000019	0.000373	0.000032
16	16	Membrane	17	Le	LinStatic	-0.000067	-8.350E-06	0.000167	0.000051
16	16	Membrane	47	Le	LinStatic	-0.000296	-8.384E-06	0.000437	0.000109
16	16	Membrane	49	Le	LinStatic	-0.000296	-8.350E-06	0.000167	0.000014
17	17	Membrane	49	DEAD	LinStatic	-0.000661	-0.000018	-0.000475	0.00006
17	17	Membrane	51	DEAD	LinStatic	-0.000661	-0.000018	-0.001062	0.000281
17	17	Membrane	17	DEAD	LinStatic	-0.000163	-0.000018	-0.000476	0.000158

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
17	17	Membrane	49	Lr	LinStatic	-0.000654	-0.000019	-0.00047	0.000059
17	17	Membrane	51	Lr	LinStatic	-0.000654	-0.000019	-0.00105	0.000277
17	17	Membrane	17	Lr	LinStatic	-0.000161	-0.000019	-0.000471	0.000156
17	17	Membrane	49	Le	LinStatic	-0.000293	-8.373E-06	-0.000211	0.000026
17	17	Membrane	51	Le	LinStatic	-0.000293	-8.338E-06	-0.000471	0.000124
17	17	Membrane	17	Le	LinStatic	-0.000072	-8.373E-06	-0.000211	0.00007
18	18	Membrane	19	DEAD	LinStatic	0.000632	1.634E-06	0.000281	0.000662
18	18	Membrane	17	DEAD	LinStatic	0.000632	-3.020E-06	0.000863	0.00085
18	18	Membrane	51	DEAD	LinStatic	0.000136	1.634E-06	0.000285	0.000226
18	18	Membrane	19	Lr	LinStatic	0.000625	1.244E-06	0.000277	0.000654
18	18	Membrane	17	Lr	LinStatic	0.000625	-3.049E-06	0.000853	0.00084
18	18	Membrane	51	Lr	LinStatic	0.000135	1.244E-06	0.000281	0.000224
18	18	Membrane	19	Le	LinStatic	0.00028	5.575E-07	0.000124	0.000293
18	18	Membrane	17	Le	LinStatic	0.00028	-1.366E-06	0.000382	0.000377
18	18	Membrane	51	Le	LinStatic	0.00006	5.575E-07	0.000126	0.0001
19	19	Membrane	51	DEAD	LinStatic	0.000161	-1.469E-06	-0.000494	0.00034
19	19	Membrane	21	DEAD	LinStatic	0.000619	3.186E-06	-0.001036	0.000914
19	19	Membrane	19	DEAD	LinStatic	0.000619	-1.469E-06	-0.000498	0.000706
19	19	Membrane	51	Lr	LinStatic	0.00016	-1.618E-06	-0.000489	0.000336
19	19	Membrane	21	Lr	LinStatic	0.000612	2.675E-06	-0.001024	0.000903
19	19	Membrane	19	Lr	LinStatic	0.000612	-1.618E-06	-0.000492	0.000698
19	19	Membrane	51	Le	LinStatic	0.000071	-7.248E-07	-0.000219	0.000151
19	19	Membrane	21	Le	LinStatic	0.000274	1.199E-06	-0.000459	0.000405
19	19	Membrane	19	Le	LinStatic	0.000274	-7.248E-07	-0.000221	0.000313
20	20	Membrane	51	DEAD	LinStatic	-0.000565	-0.00002	0.000732	0.000164
20	20	Membrane	53	DEAD	LinStatic	-0.000565	-0.000017	0.000196	-4.980E-07
20	20	Membrane	21	DEAD	LinStatic	-0.000109	-0.000017	0.000193	0.000044
20	20	Membrane	51	Lr	LinStatic	-0.000558	-0.00002	0.000724	0.000162
20	20	Membrane	53	Lr	LinStatic	-0.000558	-0.000018	0.000194	-9.908E-07

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
20	20	Membrane	21	Lr	LinStatic	-0.000108	-0.000018	0.000191	0.000043
20	20	Membrane	51	Le	LinStatic	-0.00025	-9.145E-06	0.000324	0.000072
20	20	Membrane	53	Le	LinStatic	-0.00025	-7.983E-06	0.000087	-4.439E-07
20	20	Membrane	21	Le	LinStatic	-0.000048	-7.983E-06	0.000086	0.000019
21	21	Membrane	21	DEAD	LinStatic	-0.00015	-0.000019	-0.00053	0.000189
21	21	Membrane	53	DEAD	LinStatic	-0.000544	-0.000019	-0.000528	0.00009
21	21	Membrane	55	DEAD	LinStatic	-0.000544	-0.000017	-0.000991	0.000281
21	21	Membrane	21	Lr	LinStatic	-0.000148	-0.00002	-0.000525	0.000186
21	21	Membrane	53	Lr	LinStatic	-0.000538	-0.00002	-0.000522	0.000089
21	21	Membrane	55	Lr	LinStatic	-0.000538	-0.000017	-0.000981	0.000278
21	21	Membrane	21	Le	LinStatic	-0.000066	-8.758E-06	-0.000235	0.000083
21	21	Membrane	53	Le	LinStatic	-0.000241	-8.758E-06	-0.000234	0.00004
21	21	Membrane	55	Le	LinStatic	-0.000241	-7.595E-06	-0.000439	0.000125
22	22	Membrane	55	DEAD	LinStatic	0.000079	3.056E-06	0.000069	0.000092
22	22	Membrane	23	DEAD	LinStatic	0.000469	3.056E-06	0.000061	0.000471
22	22	Membrane	21	DEAD	LinStatic	0.000469	-5.865E-06	0.00052	0.000583
22	22	Membrane	55	Lr	LinStatic	0.000078	2.648E-06	0.000067	0.000091
22	22	Membrane	23	Lr	LinStatic	0.000463	2.648E-06	0.00006	0.000465
22	22	Membrane	21	Lr	LinStatic	0.000463	-5.856E-06	0.000513	0.000577
22	22	Membrane	55	Le	LinStatic	0.000035	1.186E-06	0.00003	0.000041
22	22	Membrane	23	Le	LinStatic	0.000208	1.186E-06	0.000027	0.000209
22	22	Membrane	21	Le	LinStatic	0.000208	-2.624E-06	0.00023	0.000258
23	23	Membrane	55	DEAD	LinStatic	0.000134	-2.891E-06	-0.00051	0.00033
23	23	Membrane	25	DEAD	LinStatic	0.00044	6.030E-06	-0.000877	0.000712
23	23	Membrane	23	DEAD	LinStatic	0.00044	-2.891E-06	-0.000518	0.000559
23	23	Membrane	55	Lr	LinStatic	0.000133	-3.021E-06	-0.000504	0.000326
23	23	Membrane	25	Lr	LinStatic	0.000435	5.482E-06	-0.000867	0.000704
23	23	Membrane	23	Lr	LinStatic	0.000435	-3.021E-06	-0.000512	0.000553
23	23	Membrane	55	Le	LinStatic	0.00006	-1.354E-06	-0.000226	0.000146

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
23	23	Membrane	25	Le	LinStatic	0.000195	2.456E-06	-0.000388	0.000315
23	23	Membrane	23	Le	LinStatic	0.000195	-1.354E-06	-0.000229	0.000248
24	24	Membrane	55	DEAD	LinStatic	-0.000341	-0.000022	0.0003	0.000038
24	24	Membrane	57	DEAD	LinStatic	-0.000341	-0.000017	-0.000056	-0.000015
24	24	Membrane	25	DEAD	LinStatic	-0.000039	-0.000017	-0.00006	3.799E-06
24	24	Membrane	55	Lr	LinStatic	-0.000337	-0.000022	0.000297	0.000037
24	24	Membrane	57	Lr	LinStatic	-0.000337	-0.000017	-0.000055	-0.000015
24	24	Membrane	25	Lr	LinStatic	-0.000038	-0.000017	-0.000058	3.140E-06
24	24	Membrane	55	Le	LinStatic	-0.000151	-9.675E-06	0.000133	0.000017
24	24	Membrane	57	Le	LinStatic	-0.000151	-7.785E-06	-0.000025	-6.740E-06
24	24	Membrane	25	Le	LinStatic	-0.000017	-7.785E-06	-0.000026	1.407E-06
25	25	Membrane	25	DEAD	LinStatic	-0.000092	-0.00002	-0.000506	0.000199
25	25	Membrane	57	DEAD	LinStatic	-0.000314	-0.00002	-0.000502	0.000124
25	25	Membrane	59	DEAD	LinStatic	-0.000314	-0.000015	-0.000763	0.000245
25	25	Membrane	25	Lr	LinStatic	-0.000091	-0.00002	-0.0005	0.000197
25	25	Membrane	57	Lr	LinStatic	-0.00031	-0.00002	-0.000497	0.000122
25	25	Membrane	59	Lr	LinStatic	-0.00031	-0.000016	-0.000754	0.000242
25	25	Membrane	25	Le	LinStatic	-0.000041	-9.045E-06	-0.000224	0.000088
25	25	Membrane	57	Le	LinStatic	-0.000139	-9.045E-06	-0.000222	0.000055
25	25	Membrane	59	Le	LinStatic	-0.000139	-7.155E-06	-0.000338	0.000108
26	26	Membrane	59	DEAD	LinStatic	-9.273E-06	0.000013	-0.000204	0.000104
26	26	Membrane	29	DEAD	LinStatic	0.000186	0.000013	-0.000239	0.000247
26	26	Membrane	25	DEAD	LinStatic	0.000186	-0.000028	-8.701E-06	0.000186
26	26	Membrane	59	Lr	LinStatic	-9.153E-06	0.000013	-0.000202	0.000103
26	26	Membrane	29	Lr	LinStatic	0.000184	0.000013	-0.000236	0.000244
26	26	Membrane	25	Lr	LinStatic	0.000184	-0.000028	-8.836E-06	0.000184
26	26	Membrane	59	Le	LinStatic	-4.101E-06	5.702E-06	-0.00009	0.000046
26	26	Membrane	29	Le	LinStatic	0.000082	5.702E-06	-0.000106	0.000109
26	26	Membrane	25	Le	LinStatic	0.000082	-0.000012	-3.959E-06	0.000082

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
27	27	Membrane	59	DEAD	LinStatic	0.00013	-0.000012	-0.000409	0.000275
27	27	Membrane	31	DEAD	LinStatic	0.000114	0.000023	-0.000428	0.000288
27	27	Membrane	29	DEAD	LinStatic	0.000114	-0.000012	-0.000444	0.000282
27	27	Membrane	59	Lr	LinStatic	0.000132	-0.000012	-0.000406	0.000276
27	27	Membrane	31	Lr	LinStatic	0.000111	0.000022	-0.000419	0.000281
27	27	Membrane	29	Lr	LinStatic	0.000111	-0.000012	-0.00044	0.000278
27	27	Membrane	59	Le	LinStatic	0.000059	-5.411E-06	-0.000182	0.000123
27	27	Membrane	31	Le	LinStatic	0.00005	9.826E-06	-0.000188	0.000126
27	27	Membrane	29	Le	LinStatic	0.00005	-5.411E-06	-0.000197	0.000125
28	28	Membrane	59	DEAD	LinStatic	-0.000086	-0.000206	-0.000033	-0.000083
28	28	Membrane	61	DEAD	LinStatic	-0.000086	0.000092	-0.000283	0.00017
28	28	Membrane	31	DEAD	LinStatic	0.000167	0.000092	-0.000584	0.000424
28	28	Membrane	59	Lr	LinStatic	-0.000087	-0.000213	-0.000022	-0.000087
28	28	Membrane	61	Lr	LinStatic	-0.000087	0.000095	-0.000278	0.00017
28	28	Membrane	31	Lr	LinStatic	0.000171	0.000095	-0.000589	0.00043
28	28	Membrane	59	Le	LinStatic	-0.000039	-0.000095	-9.978E-06	-0.000039
28	28	Membrane	61	Le	LinStatic	-0.000039	0.000043	-0.000125	0.000076
28	28	Membrane	31	Le	LinStatic	0.000076	0.000043	-0.000264	0.000193
29	29	Membrane	32	DEAD	LinStatic	0.000167	0.000091	0.000583	0.000423
29	29	Membrane	62	DEAD	LinStatic	-0.000086	0.000091	0.000284	0.00017
29	29	Membrane	60	DEAD	LinStatic	-0.000086	-0.000205	0.000034	-0.000083
29	29	Membrane	32	Lr	LinStatic	0.000171	0.000095	0.000589	0.00043
29	29	Membrane	62	Lr	LinStatic	-0.000087	0.000095	0.000278	0.00017
29	29	Membrane	60	Lr	LinStatic	-0.000087	-0.000213	0.000023	-0.000086
29	29	Membrane	32	Le	LinStatic	0.000076	0.000043	0.000264	0.000193
29	29	Membrane	62	Le	LinStatic	-0.000039	0.000043	0.000125	0.000076
29	29	Membrane	60	Le	LinStatic	-0.000039	-0.000095	0.00001	-0.000039
30	30	Membrane	60	DEAD	LinStatic	0.00013	-0.000011	0.00041	0.000276
30	30	Membrane	30	DEAD	LinStatic	0.000114	-0.000011	0.000444	0.000282

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
30	30	Membrane	32	DEAD	LinStatic	0.000114	0.000023	0.000429	0.000288
30	30	Membrane	60	Lr	LinStatic	0.000132	-0.000012	0.000406	0.000276
30	30	Membrane	30	Lr	LinStatic	0.000111	-0.000012	0.000441	0.000278
30	30	Membrane	32	Lr	LinStatic	0.000111	0.000022	0.00042	0.000281
30	30	Membrane	60	Le	LinStatic	0.000059	-5.212E-06	0.000182	0.000124
30	30	Membrane	30	Le	LinStatic	0.00005	-5.212E-06	0.000197	0.000125
30	30	Membrane	32	Le	LinStatic	0.00005	9.985E-06	0.000188	0.000126
31	31	Membrane	30	DEAD	LinStatic	-0.000092	0.000013	0.000275	0.000108
31	31	Membrane	60	DEAD	LinStatic	-0.000313	0.000013	0.000241	0.000053
31	31	Membrane	58	DEAD	LinStatic	-0.000313	-0.000027	-0.000019	-0.000027
31	31	Membrane	30	Lr	LinStatic	-0.000091	0.000013	0.000273	0.000107
31	31	Membrane	60	Lr	LinStatic	-0.00031	0.000013	0.000239	0.000052
31	31	Membrane	58	Lr	LinStatic	-0.00031	-0.000027	-0.000019	-0.000027
31	31	Membrane	30	Le	LinStatic	-0.000041	5.871E-06	0.000122	0.000048
31	31	Membrane	60	Le	LinStatic	-0.000139	5.871E-06	0.000107	0.000023
31	31	Membrane	58	Le	LinStatic	-0.000139	-0.000012	-8.509E-06	-0.000012
32	32	Membrane	58	DEAD	LinStatic	-9.887E-06	-0.00002	0.000495	0.000233
32	32	Membrane	27	DEAD	LinStatic	0.000185	-0.00002	0.000498	0.000352
32	32	Membrane	30	DEAD	LinStatic	0.000185	-0.000016	0.000727	0.000462
32	32	Membrane	58	Lr	LinStatic	-9.809E-06	-0.00002	0.000489	0.000229
32	32	Membrane	27	Lr	LinStatic	0.000183	-0.00002	0.000492	0.000348
32	32	Membrane	30	Lr	LinStatic	0.000183	-0.000016	0.000719	0.000457
32	32	Membrane	58	Le	LinStatic	-4.395E-06	-9.034E-06	0.000219	0.000103
32	32	Membrane	27	Le	LinStatic	0.000082	-9.034E-06	0.000221	0.000156
32	32	Membrane	30	Le	LinStatic	0.000082	-7.217E-06	0.000322	0.000205
33	33	Membrane	27	DEAD	LinStatic	-0.00004	-0.000017	0.000058	2.762E-06
33	33	Membrane	58	DEAD	LinStatic	-0.000341	-0.000017	0.000055	-0.000015
33	33	Membrane	56	DEAD	LinStatic	-0.000341	-0.000021	-0.000299	0.000038
33	33	Membrane	27	Lr	LinStatic	-0.000039	-0.000017	0.000058	2.450E-06

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
33	33	Membrane	58	Lr	LinStatic	-0.000337	-0.000017	0.000054	-0.000015
33	33	Membrane	56	Lr	LinStatic	-0.000337	-0.000022	-0.000296	0.000037
33	33	Membrane	27	Le	LinStatic	-0.000018	-7.823E-06	0.000026	1.098E-06
33	33	Membrane	58	Le	LinStatic	-0.000151	-7.823E-06	0.000024	-6.802E-06
33	33	Membrane	56	Le	LinStatic	-0.000151	-9.640E-06	-0.000133	0.000017
34	34	Membrane	56	DEAD	LinStatic	0.000133	-2.640E-06	0.000508	0.000328
34	34	Membrane	24	DEAD	LinStatic	0.000437	-2.640E-06	0.000515	0.000556
34	34	Membrane	27	DEAD	LinStatic	0.000437	5.601E-06	0.000873	0.000708
34	34	Membrane	56	Lr	LinStatic	0.000132	-2.995E-06	0.000502	0.000324
34	34	Membrane	24	Lr	LinStatic	0.000432	-2.995E-06	0.000509	0.00055
34	34	Membrane	27	Lr	LinStatic	0.000432	5.502E-06	0.000863	0.0007
34	34	Membrane	56	Le	LinStatic	0.000059	-1.342E-06	0.000225	0.000145
34	34	Membrane	24	Le	LinStatic	0.000194	-1.342E-06	0.000228	0.000246
34	34	Membrane	27	Le	LinStatic	0.000194	2.465E-06	0.000387	0.000314
35	35	Membrane	24	DEAD	LinStatic	0.000466	2.854E-06	-0.00006	0.000468
35	35	Membrane	56	DEAD	LinStatic	0.000078	2.854E-06	-0.000067	0.00009
35	35	Membrane	22	DEAD	LinStatic	0.000466	-5.386E-06	-0.000516	0.00058
35	35	Membrane	24	Lr	LinStatic	0.00046	2.670E-06	-0.000058	0.000462
35	35	Membrane	56	Lr	LinStatic	0.000077	2.670E-06	-0.000066	0.000089
35	35	Membrane	22	Lr	LinStatic	0.00046	-5.827E-06	-0.00051	0.000573
35	35	Membrane	24	Le	LinStatic	0.000206	1.196E-06	-0.000026	0.000207
35	35	Membrane	56	Le	LinStatic	0.000034	1.196E-06	-0.000029	0.00004
35	35	Membrane	22	Le	LinStatic	0.000206	-2.611E-06	-0.000228	0.000257
36	36	Membrane	22	DEAD	LinStatic	-0.00015	-0.000019	0.000529	0.000188
36	36	Membrane	56	DEAD	LinStatic	-0.000542	-0.000017	0.000989	0.00028
36	36	Membrane	54	DEAD	LinStatic	-0.000542	-0.000019	0.000527	0.000091
36	36	Membrane	22	Lr	LinStatic	-0.000148	-0.00002	0.000524	0.000186
36	36	Membrane	56	Lr	LinStatic	-0.000536	-0.000017	0.000978	0.000277
36	36	Membrane	54	Lr	LinStatic	-0.000536	-0.00002	0.000522	0.000089

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
36	36	Membrane	22	Le	LinStatic	-0.000066	-8.742E-06	0.000235	0.000083
36	36	Membrane	56	Le	LinStatic	-0.00024	-7.618E-06	0.000438	0.000124
36	36	Membrane	54	Le	LinStatic	-0.00024	-8.742E-06	0.000234	0.00004
37	37	Membrane	54	DEAD	LinStatic	-0.000563	-0.000018	-0.000196	-6.114E-07
37	37	Membrane	52	DEAD	LinStatic	-0.000563	-0.00002	-0.00073	0.000163
37	37	Membrane	22	DEAD	LinStatic	-0.00011	-0.000018	-0.000194	0.000044
37	37	Membrane	54	Lr	LinStatic	-0.000557	-0.000018	-0.000194	-9.420E-07
37	37	Membrane	52	Lr	LinStatic	-0.000557	-0.00002	-0.000722	0.000161
37	37	Membrane	22	Lr	LinStatic	-0.000108	-0.000018	-0.000192	0.000043
37	37	Membrane	54	Le	LinStatic	-0.00025	-7.992E-06	-0.000087	-4.220E-07
37	37	Membrane	52	Le	LinStatic	-0.00025	-9.117E-06	-0.000323	0.000072
37	37	Membrane	22	Le	LinStatic	-0.000049	-7.992E-06	-0.000086	0.000019
38	38	Membrane	22	DEAD	LinStatic	0.000615	2.813E-06	0.00103	0.000908
38	38	Membrane	52	DEAD	LinStatic	0.000159	-1.268E-06	0.000491	0.000338
38	38	Membrane	20	DEAD	LinStatic	0.000615	-1.268E-06	0.000495	0.000702
38	38	Membrane	22	Lr	LinStatic	0.000608	2.736E-06	0.001018	0.000897
38	38	Membrane	52	Lr	LinStatic	0.000158	-1.634E-06	0.000485	0.000333
38	38	Membrane	20	Lr	LinStatic	0.000608	-1.634E-06	0.000489	0.000694
38	38	Membrane	22	Le	LinStatic	0.000272	1.226E-06	0.000456	0.000402
38	38	Membrane	52	Le	LinStatic	0.000071	-7.319E-07	0.000217	0.000149
38	38	Membrane	20	Le	LinStatic	0.000272	-7.319E-07	0.000219	0.000311
39	39	Membrane	20	DEAD	LinStatic	0.000627	1.453E-06	-0.000278	0.000657
39	39	Membrane	52	DEAD	LinStatic	0.000134	1.453E-06	-0.000281	0.000224
39	39	Membrane	18	DEAD	LinStatic	0.000627	-2.628E-06	-0.000858	0.000844
39	39	Membrane	20	Lr	LinStatic	0.00062	1.280E-06	-0.000274	0.000649
39	39	Membrane	52	Lr	LinStatic	0.000133	1.280E-06	-0.000278	0.000221
39	39	Membrane	18	Lr	LinStatic	0.00062	-3.090E-06	-0.000847	0.000834
39	39	Membrane	20	Le	LinStatic	0.000278	5.734E-07	-0.000123	0.000291
39	39	Membrane	52	Le	LinStatic	0.00006	5.734E-07	-0.000125	0.000099

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
39	39	Membrane	18	Le	LinStatic	0.000278	-1.385E-06	-0.00038	0.000374
40	40	Membrane	18	DEAD	LinStatic	-0.000163	-0.000018	0.000475	0.000157
40	40	Membrane	52	DEAD	LinStatic	-0.000659	-0.000019	0.001059	0.00028
40	40	Membrane	50	DEAD	LinStatic	-0.000659	-0.000018	0.000475	0.00006
40	40	Membrane	18	Lr	LinStatic	-0.000161	-0.000019	0.00047	0.000156
40	40	Membrane	52	Lr	LinStatic	-0.000652	-0.000019	0.001047	0.000276
40	40	Membrane	50	Lr	LinStatic	-0.000652	-0.000019	0.00047	0.000059
40	40	Membrane	18	Le	LinStatic	-0.000072	-8.313E-06	0.00021	0.00007
40	40	Membrane	52	Le	LinStatic	-0.000292	-8.446E-06	0.000469	0.000124
40	40	Membrane	50	Le	LinStatic	-0.000292	-8.313E-06	0.000211	0.000026
41	41	Membrane	50	DEAD	LinStatic	-0.000665	-0.000019	-0.000377	0.000032
41	41	Membrane	48	DEAD	LinStatic	-0.000665	-0.000018	-0.000982	0.000246
41	41	Membrane	18	DEAD	LinStatic	-0.000152	-0.000019	-0.000378	0.000115
41	41	Membrane	50	Lr	LinStatic	-0.000658	-0.000019	-0.000373	0.000032
41	41	Membrane	48	Lr	LinStatic	-0.000658	-0.000018	-0.000971	0.000243
41	41	Membrane	18	Lr	LinStatic	-0.00015	-0.000019	-0.000373	0.000114
41	41	Membrane	50	Le	LinStatic	-0.000295	-8.401E-06	-0.000167	0.000014
41	41	Membrane	48	Le	LinStatic	-0.000295	-8.268E-06	-0.000435	0.000109
41	41	Membrane	18	Le	LinStatic	-0.000067	-8.401E-06	-0.000167	0.000051
42	42	Membrane	18	DEAD	LinStatic	0.000671	-1.108E-06	0.001009	0.000941
42	42	Membrane	48	DEAD	LinStatic	0.000158	6.758E-07	0.000407	0.000298
42	42	Membrane	16	DEAD	LinStatic	0.000671	6.758E-07	0.000405	0.000728
42	42	Membrane	18	Lr	LinStatic	0.000664	-1.137E-06	0.000997	0.00093
42	42	Membrane	48	Lr	LinStatic	0.000156	2.878E-07	0.000402	0.000294
42	42	Membrane	16	Lr	LinStatic	0.000664	2.878E-07	0.000401	0.000719
42	42	Membrane	18	Le	LinStatic	0.000297	-5.095E-07	0.000447	0.000417
42	42	Membrane	48	Le	LinStatic	0.00007	1.289E-07	0.00018	0.000132
42	42	Membrane	16	Le	LinStatic	0.000297	1.289E-07	0.000179	0.000322
43	43	Membrane	16	DEAD	LinStatic	0.000671	-5.131E-07	-0.000425	0.000733

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
43	43	Membrane	48	DEAD	LinStatic	0.000159	-5.131E-07	-0.000423	0.000305
43	43	Membrane	14	DEAD	LinStatic	0.000671	1.270E-06	-0.001028	0.000949
43	43	Membrane	16	Lr	LinStatic	0.000663	-6.621E-07	-0.00042	0.000724
43	43	Membrane	48	Lr	LinStatic	0.000157	-6.621E-07	-0.000418	0.000302
43	43	Membrane	14	Lr	LinStatic	0.000663	7.627E-07	-0.001015	0.000938
43	43	Membrane	16	Le	LinStatic	0.000297	-2.967E-07	-0.000188	0.000324
43	43	Membrane	48	Le	LinStatic	0.00007	-2.967E-07	-0.000187	0.000135
43	43	Membrane	14	Le	LinStatic	0.000297	3.417E-07	-0.000455	0.00042
44	44	Membrane	14	DEAD	LinStatic	-0.000146	-0.000019	0.000352	0.000105
44	44	Membrane	48	DEAD	LinStatic	-0.000657	-0.000018	0.000951	0.000236
44	44	Membrane	46	DEAD	LinStatic	-0.000657	-0.000019	0.000351	0.000026
44	44	Membrane	14	Lr	LinStatic	-0.000145	-0.000019	0.000349	0.000103
44	44	Membrane	48	Lr	LinStatic	-0.000649	-0.000018	0.000941	0.000233
44	44	Membrane	46	Lr	LinStatic	-0.000649	-0.000019	0.000348	0.000026
44	44	Membrane	14	Le	LinStatic	-0.000065	-8.538E-06	0.000156	0.000046
44	44	Membrane	48	Le	LinStatic	-0.000291	-7.996E-06	0.000422	0.000104
44	44	Membrane	46	Le	LinStatic	-0.000291	-8.538E-06	0.000156	0.000012
45	45	Membrane	46	DEAD	LinStatic	-0.000648	-0.000018	-0.000489	0.000066
45	45	Membrane	44	DEAD	LinStatic	-0.000648	-0.000019	-0.001059	0.000282
45	45	Membrane	14	DEAD	LinStatic	-0.000163	-0.000018	-0.000488	0.000164
45	45	Membrane	46	Lr	LinStatic	-0.000641	-0.000018	-0.000484	0.000065
45	45	Membrane	44	Lr	LinStatic	-0.000641	-0.000019	-0.001048	0.000279
45	45	Membrane	14	Lr	LinStatic	-0.000161	-0.000018	-0.000483	0.000162
45	45	Membrane	46	Le	LinStatic	-0.000287	-8.177E-06	-0.000217	0.000029
45	45	Membrane	44	Le	LinStatic	-0.000287	-8.719E-06	-0.00047	0.000125
45	45	Membrane	14	Le	LinStatic	-0.000072	-8.177E-06	-0.000216	0.000073
46	46	Membrane	44	DEAD	LinStatic	0.000129	2.529E-06	0.000253	0.000207
46	46	Membrane	12	DEAD	LinStatic	0.000607	2.529E-06	0.000246	0.000632
46	46	Membrane	14	DEAD	LinStatic	0.000607	-4.858E-06	0.000809	0.000809

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
46	46	Membrane	44	Lr	LinStatic	0.000127	2.119E-06	0.000249	0.000204
46	46	Membrane	12	Lr	LinStatic	0.000601	2.119E-06	0.000243	0.000625
46	46	Membrane	14	Lr	LinStatic	0.000601	-4.847E-06	0.0008	0.0008
46	46	Membrane	44	Le	LinStatic	0.000057	9.494E-07	0.000112	0.000091
46	46	Membrane	12	Le	LinStatic	0.000269	9.494E-07	0.000109	0.00028
46	46	Membrane	14	Le	LinStatic	0.000269	-2.172E-06	0.000359	0.000358
47	47	Membrane	44	DEAD	LinStatic	0.000156	-2.396E-06	-0.000497	0.000338
47	47	Membrane	10	DEAD	LinStatic	0.000593	4.991E-06	-0.001017	0.000887
47	47	Membrane	12	DEAD	LinStatic	0.000593	-2.396E-06	-0.000503	0.000685
47	47	Membrane	44	Lr	LinStatic	0.000155	-2.525E-06	-0.000491	0.000334
47	47	Membrane	10	Lr	LinStatic	0.000587	4.441E-06	-0.001006	0.000877
47	47	Membrane	12	Lr	LinStatic	0.000587	-2.525E-06	-0.000497	0.000678
47	47	Membrane	44	Le	LinStatic	0.000069	-1.131E-06	-0.00022	0.00015
47	47	Membrane	10	Le	LinStatic	0.000263	1.990E-06	-0.000451	0.000393
47	47	Membrane	12	Le	LinStatic	0.000263	-1.131E-06	-0.000223	0.000304
48	48	Membrane	44	DEAD	LinStatic	-0.000535	-0.000022	0.000671	0.000144
48	48	Membrane	42	DEAD	LinStatic	-0.000535	-0.000017	0.000159	-4.834E-06
48	48	Membrane	10	DEAD	LinStatic	-0.000099	-0.000017	0.000155	0.00003
48	48	Membrane	44	Lr	LinStatic	-0.000529	-0.000022	0.000664	0.000142
48	48	Membrane	42	Lr	LinStatic	-0.000529	-0.000017	0.000157	-5.277E-06
48	48	Membrane	10	Lr	LinStatic	-0.000098	-0.000017	0.000153	0.000029
48	48	Membrane	44	Le	LinStatic	-0.000237	-9.750E-06	0.000297	0.000064
48	48	Membrane	42	Le	LinStatic	-0.000237	-7.670E-06	0.000071	-2.364E-06
48	48	Membrane	10	Le	LinStatic	-0.000044	-7.670E-06	0.000069	0.000013
49	49	Membrane	10	DEAD	LinStatic	-0.000144	-0.00002	-0.000532	0.000191
49	49	Membrane	42	DEAD	LinStatic	-0.000511	-0.00002	-0.000528	0.000095
49	49	Membrane	40	DEAD	LinStatic	-0.000511	-0.000015	-0.00096	0.000277
49	49	Membrane	10	Lr	LinStatic	-0.000143	-0.00002	-0.000527	0.000189
49	49	Membrane	42	Lr	LinStatic	-0.000506	-0.00002	-0.000523	0.000094

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
49	49	Membrane	40	Lr	LinStatic	-0.000506	-0.000016	-0.000949	0.000274
49	49	Membrane	10	Le	LinStatic	-0.000064	-9.057E-06	-0.000236	0.000085
49	49	Membrane	42	Le	LinStatic	-0.000227	-9.057E-06	-0.000234	0.000042
49	49	Membrane	40	Le	LinStatic	-0.000227	-6.977E-06	-0.000425	0.000123
50	50	Membrane	40	DEAD	LinStatic	0.000065	3.911E-06	0.000025	0.000067
50	50	Membrane	8	DEAD	LinStatic	0.000427	3.911E-06	0.000015	0.000427
50	50	Membrane	10	DEAD	LinStatic	0.000427	-7.419E-06	0.000442	0.00052
50	50	Membrane	40	Lr	LinStatic	0.000064	3.510E-06	0.000024	0.000066
50	50	Membrane	8	Lr	LinStatic	0.000422	3.510E-06	0.000015	0.000422
50	50	Membrane	10	Lr	LinStatic	0.000422	-7.426E-06	0.000436	0.000514
50	50	Membrane	40	Le	LinStatic	0.000029	1.573E-06	0.000011	0.00003
50	50	Membrane	8	Le	LinStatic	0.000189	1.573E-06	6.636E-06	0.000189
50	50	Membrane	10	Le	LinStatic	0.000189	-3.327E-06	0.000196	0.00023
51	51	Membrane	8	DEAD	LinStatic	0.000397	-3.643E-06	-0.000511	0.000521
51	51	Membrane	40	DEAD	LinStatic	0.000124	-3.643E-06	-0.000502	0.000319
51	51	Membrane	6	DEAD	LinStatic	0.000397	7.687E-06	-0.000832	0.000661
51	51	Membrane	8	Lr	LinStatic	0.000392	-3.781E-06	-0.000505	0.000515
51	51	Membrane	40	Lr	LinStatic	0.000123	-3.781E-06	-0.000496	0.000316
51	51	Membrane	6	Lr	LinStatic	0.000392	7.156E-06	-0.000822	0.000653
51	51	Membrane	8	Le	LinStatic	0.000176	-1.694E-06	-0.000226	0.000231
51	51	Membrane	40	Le	LinStatic	0.000055	-1.694E-06	-0.000222	0.000141
51	51	Membrane	6	Le	LinStatic	0.000176	3.206E-06	-0.000368	0.000293
52	52	Membrane	6	DEAD	LinStatic	-0.000033	-0.000023	-0.000093	0.000019
52	52	Membrane	40	DEAD	LinStatic	-0.000288	-0.00001	0.000196	0.000021
52	52	Membrane	38	DEAD	LinStatic	-0.000288	-0.000023	-0.000104	-0.000013
52	52	Membrane	6	Lr	LinStatic	-0.000033	-0.000023	-0.000091	0.000018
52	52	Membrane	40	Lr	LinStatic	-0.000284	-0.00001	0.000193	0.000021
52	52	Membrane	38	Lr	LinStatic	-0.000284	-0.000023	-0.000103	-0.000014
52	52	Membrane	6	Le	LinStatic	-0.000015	-0.00001	-0.000041	8.053E-06

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
52	52	Membrane	40	Le	LinStatic	-0.000127	-4.573E-06	0.000087	9.188E-06
52	52	Membrane	38	Le	LinStatic	-0.000127	-0.00001	-0.000046	-6.119E-06
53	53	Membrane	38	DEAD	LinStatic	-0.000289	-0.000015	-0.000464	0.000118
53	53	Membrane	36	DEAD	LinStatic	-0.000289	-0.000027	-0.000773	0.00025
53	53	Membrane	6	DEAD	LinStatic	-0.000027	-0.000015	-0.000453	0.000206
53	53	Membrane	38	Lr	LinStatic	-0.000287	-0.000015	-0.000459	0.000116
53	53	Membrane	36	Lr	LinStatic	-0.000287	-0.000028	-0.000767	0.000247
53	53	Membrane	6	Lr	LinStatic	-0.000025	-0.000015	-0.000447	0.000204
53	53	Membrane	38	Le	LinStatic	-0.000129	-6.542E-06	-0.000205	0.000052
53	53	Membrane	36	Le	LinStatic	-0.000129	-0.000012	-0.000344	0.000111
53	53	Membrane	6	Le	LinStatic	-0.000011	-6.542E-06	-0.0002	0.000091
54	54	Membrane	6	DEAD	LinStatic	0.000122	-0.000103	-0.000154	0.000146
54	54	Membrane	36	DEAD	LinStatic	-0.00002	0.00005	-0.000192	0.000117
54	54	Membrane	4	DEAD	LinStatic	0.000122	0.00005	-0.000322	0.000251
54	54	Membrane	6	Lr	LinStatic	0.000121	-0.000105	-0.000155	0.000145
54	54	Membrane	36	Lr	LinStatic	-0.000019	0.000051	-0.000187	0.000116
54	54	Membrane	4	Lr	LinStatic	0.000121	0.000051	-0.000319	0.000249
54	54	Membrane	6	Le	LinStatic	0.000054	-0.000047	-0.000069	0.000065
54	54	Membrane	36	Le	LinStatic	-8.677E-06	0.000023	-0.000084	0.000052
54	54	Membrane	4	Le	LinStatic	0.000054	0.000023	-0.000143	0.000112
55	55	Membrane	4	DEAD	LinStatic	0.000069	-0.000027	-0.000386	0.00022
55	55	Membrane	36	DEAD	LinStatic	0.000084	-0.000027	-0.000256	0.000168
55	55	Membrane	2	DEAD	LinStatic	0.000069	0.000051	-0.000378	0.000249
55	55	Membrane	4	Lr	LinStatic	0.000068	-0.000027	-0.000383	0.000217
55	55	Membrane	36	Lr	LinStatic	0.000083	-0.000027	-0.000251	0.000165
55	55	Membrane	2	Lr	LinStatic	0.000068	0.000052	-0.000374	0.000247
55	55	Membrane	4	Le	LinStatic	0.00003	-0.000012	-0.000171	0.000097
55	55	Membrane	36	Le	LinStatic	0.000037	-0.000012	-0.000112	0.000074
55	55	Membrane	2	Le	LinStatic	0.00003	0.000023	-0.000167	0.000111

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
56	56	Membrane	2	DEAD	LinStatic	-0.000095	6.576E-06	-0.000298	0.000113
56	56	Membrane	36	DEAD	LinStatic	0.000046	-0.000026	-0.000327	0.000178
56	56	Membrane	34	DEAD	LinStatic	0.000046	6.576E-06	-0.000243	0.00015
56	56	Membrane	2	Lr	LinStatic	-0.000095	7.111E-06	-0.000296	0.000113
56	56	Membrane	36	Lr	LinStatic	0.000046	-0.000027	-0.000323	0.000175
56	56	Membrane	34	Lr	LinStatic	0.000046	7.111E-06	-0.000239	0.000148
56	56	Membrane	2	Le	LinStatic	-0.000042	3.186E-06	-0.000133	0.000051
56	56	Membrane	36	Le	LinStatic	0.000021	-0.000012	-0.000145	0.000078
56	56	Membrane	34	Le	LinStatic	0.000021	3.186E-06	-0.000107	0.000066
57	57	Membrane	2	DEAD	LinStatic	0.000074	1.013E-09	-0.000125	0.00011
57	57	Membrane	1	DEAD	LinStatic	0.000074	1.013E-09	-0.000124	0.000109
57	57	Membrane	3	DEAD	LinStatic	0.000074	4.852E-09	-0.000132	0.000113
57	57	Membrane	4	DEAD	LinStatic	0.000074	4.852E-09	-0.000133	0.000113
57	57	Membrane	2	Lr	LinStatic	0.000073	-2.283E-10	-0.000124	0.000109
57	57	Membrane	1	Lr	LinStatic	0.000073	-2.283E-10	-0.000125	0.000109
57	57	Membrane	3	Lr	LinStatic	0.000073	-1.094E-09	-0.000133	0.000112
57	57	Membrane	4	Lr	LinStatic	0.000073	-1.094E-09	-0.000133	0.000112
57	57	Membrane	2	Le	LinStatic	0.000033	-1.023E-10	-0.000056	0.000049
57	57	Membrane	1	Le	LinStatic	0.000033	-1.023E-10	-0.000056	0.000049
57	57	Membrane	3	Le	LinStatic	0.000033	-4.900E-10	-0.00006	0.00005
57	57	Membrane	4	Le	LinStatic	0.000033	-4.900E-10	-0.000059	0.00005
58	58	Membrane	3	DEAD	LinStatic	0.000076	2.337E-09	-0.00015	0.000122
58	58	Membrane	5	DEAD	LinStatic	0.000076	-1.104E-08	-0.000159	0.000126
58	58	Membrane	6	DEAD	LinStatic	0.000075	-1.104E-08	-0.00016	0.000126
58	58	Membrane	4	DEAD	LinStatic	0.000075	2.337E-09	-0.000151	0.000122
58	58	Membrane	3	Lr	LinStatic	0.000075	-3.482E-09	-0.00015	0.000121
58	58	Membrane	5	Lr	LinStatic	0.000075	-1.167E-08	-0.000158	0.000125
58	58	Membrane	6	Lr	LinStatic	0.000074	-1.167E-08	-0.000158	0.000124
58	58	Membrane	4	Lr	LinStatic	0.000074	-3.482E-09	-0.00015	0.000121

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
58	58	Membrane	3	Le	LinStatic	0.000034	-1.560E-09	-0.000067	0.000054
58	58	Membrane	5	Le	LinStatic	0.000034	-5.230E-09	-0.000071	0.000056
58	58	Membrane	6	Le	LinStatic	0.000033	-5.230E-09	-0.000071	0.000056
58	58	Membrane	4	Le	LinStatic	0.000033	-1.560E-09	-0.000067	0.000054
59	59	Membrane	5	DEAD	LinStatic	0.000308	-1.509E-08	-0.000144	0.000324
59	59	Membrane	7	DEAD	LinStatic	0.000308	-1.708E-08	-0.000129	0.000321
59	59	Membrane	8	DEAD	LinStatic	0.000306	-1.708E-08	-0.00013	0.000319
59	59	Membrane	6	DEAD	LinStatic	0.000306	-1.509E-08	-0.000145	0.000323
59	59	Membrane	5	Lr	LinStatic	0.000304	-1.449E-08	-0.000143	0.00032
59	59	Membrane	7	Lr	LinStatic	0.000304	-1.699E-08	-0.000128	0.000317
59	59	Membrane	8	Lr	LinStatic	0.000303	-1.699E-08	-0.000128	0.000316
59	59	Membrane	6	Lr	LinStatic	0.000303	-1.449E-08	-0.000143	0.000319
59	59	Membrane	5	Le	LinStatic	0.000136	-6.493E-09	-0.000064	0.000143
59	59	Membrane	7	Le	LinStatic	0.000136	-7.612E-09	-0.000057	0.000142
59	59	Membrane	8	Le	LinStatic	0.000136	-7.612E-09	-0.000057	0.000141
59	59	Membrane	6	Le	LinStatic	0.000136	-6.493E-09	-0.000064	0.000143
60	60	Membrane	7	DEAD	LinStatic	0.000309	-1.822E-08	-0.0001	0.000316
60	60	Membrane	9	DEAD	LinStatic	0.000309	-2.055E-08	-0.000101	0.000317
60	60	Membrane	10	DEAD	LinStatic	0.000307	-2.055E-08	-0.000102	0.000315
60	60	Membrane	8	DEAD	LinStatic	0.000307	-1.822E-08	-0.000101	0.000315
60	60	Membrane	7	Lr	LinStatic	0.000305	-1.813E-08	-0.000099	0.000313
60	60	Membrane	9	Lr	LinStatic	0.000305	-1.997E-08	-0.0001	0.000313
60	60	Membrane	10	Lr	LinStatic	0.000303	-1.997E-08	-0.000101	0.000311
60	60	Membrane	8	Lr	LinStatic	0.000303	-1.813E-08	-0.000099	0.000311
60	60	Membrane	7	Le	LinStatic	0.000137	-8.125E-09	-0.000044	0.00014
60	60	Membrane	9	Le	LinStatic	0.000137	-8.948E-09	-0.000045	0.00014
60	60	Membrane	10	Le	LinStatic	0.000136	-8.948E-09	-0.000045	0.00014
60	60	Membrane	8	Le	LinStatic	0.000136	-8.125E-09	-0.000044	0.000139
61	61	Membrane	10	DEAD	LinStatic	0.000448	-2.496E-08	-0.000087	0.000452

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
61	61	Membrane	9	DEAD	LinStatic	0.000451	-2.496E-08	-0.000087	0.000455
61	61	Membrane	11	DEAD	LinStatic	0.000451	-3.931E-08	-0.000075	0.000454
61	61	Membrane	12	DEAD	LinStatic	0.000448	-3.931E-08	-0.000075	0.000451
61	61	Membrane	10	Lr	LinStatic	0.000443	-2.467E-08	-0.000085	0.000447
61	61	Membrane	9	Lr	LinStatic	0.000445	-2.467E-08	-0.000087	0.00045
61	61	Membrane	11	Lr	LinStatic	0.000445	-4.066E-08	-0.000075	0.000449
61	61	Membrane	12	Lr	LinStatic	0.000443	-4.066E-08	-0.000074	0.000446
61	61	Membrane	10	Le	LinStatic	0.000199	-1.106E-08	-0.000038	0.0002
61	61	Membrane	9	Le	LinStatic	0.0002	-1.106E-08	-0.000039	0.000201
61	61	Membrane	11	Le	LinStatic	0.0002	-1.822E-08	-0.000034	0.000201
61	61	Membrane	12	Le	LinStatic	0.000199	-1.822E-08	-0.000033	0.0002
62	62	Membrane	12	DEAD	LinStatic	0.000449	-2.556E-06	-0.000054	0.00045
62	62	Membrane	11	DEAD	LinStatic	0.000451	-2.556E-06	-0.000049	0.000452
62	62	Membrane	13	DEAD	LinStatic	0.000451	-0.000012	-0.000067	0.000453
62	62	Membrane	14	DEAD	LinStatic	0.000449	-0.000012	-0.000073	0.000451
62	62	Membrane	12	Lr	LinStatic	0.000444	-2.527E-06	-0.000053	0.000445
62	62	Membrane	11	Lr	LinStatic	0.000446	-2.527E-06	-0.000049	0.000447
62	62	Membrane	13	Lr	LinStatic	0.000446	-0.000012	-0.000067	0.000448
62	62	Membrane	14	Lr	LinStatic	0.000444	-0.000012	-0.000072	0.000446
62	62	Membrane	12	Le	LinStatic	0.000199	-1.132E-06	-0.000024	0.000199
62	62	Membrane	11	Le	LinStatic	0.0002	-1.132E-06	-0.000022	0.0002
62	62	Membrane	13	Le	LinStatic	0.0002	-5.348E-06	-0.00003	0.000201
62	62	Membrane	14	Le	LinStatic	0.000199	-5.348E-06	-0.000032	0.0002
63	63	Membrane	14	DEAD	LinStatic	0.000501	-0.000012	-0.00005	0.000502
63	63	Membrane	13	DEAD	LinStatic	0.000503	-0.000012	-0.000054	0.000505
63	63	Membrane	15	DEAD	LinStatic	0.000503	-2.562E-06	-0.000026	0.000504
63	63	Membrane	16	DEAD	LinStatic	0.000501	-2.562E-06	-0.000022	0.000501
63	63	Membrane	14	Lr	LinStatic	0.000495	-0.000012	-0.000049	0.000496
63	63	Membrane	13	Lr	LinStatic	0.000498	-0.000012	-0.000054	0.000499

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
63	63	Membrane	15	Lr	LinStatic	0.000498	-2.528E-06	-0.000026	0.000498
63	63	Membrane	16	Lr	LinStatic	0.000495	-2.528E-06	-0.000021	0.000495
63	63	Membrane	14	Le	LinStatic	0.000222	-5.348E-06	-0.000022	0.000222
63	63	Membrane	13	Le	LinStatic	0.000223	-5.348E-06	-0.000024	0.000224
63	63	Membrane	15	Le	LinStatic	0.000223	-1.133E-06	-0.000012	0.000223
63	63	Membrane	16	Le	LinStatic	0.000222	-1.133E-06	-9.615E-06	0.000222
64	64	Membrane	15	DEAD	LinStatic	0.000503	-4.594E-08	3.588E-06	0.000503
64	64	Membrane	17	DEAD	LinStatic	0.000503	-3.180E-08	0.000014	0.000503
64	64	Membrane	18	DEAD	LinStatic	0.000501	-3.180E-08	0.000011	0.000501
64	64	Membrane	16	DEAD	LinStatic	0.000501	-4.594E-08	7.059E-07	0.000501
64	64	Membrane	15	Lr	LinStatic	0.000498	-4.367E-08	2.803E-06	0.000498
64	64	Membrane	17	Lr	LinStatic	0.000498	-3.130E-08	0.000013	0.000498
64	64	Membrane	18	Lr	LinStatic	0.000495	-3.130E-08	0.000012	0.000495
64	64	Membrane	16	Lr	LinStatic	0.000495	-4.367E-08	1.261E-06	0.000495
64	64	Membrane	15	Le	LinStatic	0.000223	-1.957E-08	1.256E-06	0.000223
64	64	Membrane	17	Le	LinStatic	0.000223	-1.402E-08	5.977E-06	0.000223
64	64	Membrane	18	Le	LinStatic	0.000222	-1.402E-08	5.286E-06	0.000222
64	64	Membrane	16	Le	LinStatic	0.000222	-1.957E-08	5.648E-07	0.000222
65	65	Membrane	18	DEAD	LinStatic	0.000464	-2.791E-08	0.00004	0.000464
65	65	Membrane	17	DEAD	LinStatic	0.000466	-2.791E-08	0.000041	0.000467
65	65	Membrane	19	DEAD	LinStatic	0.000466	-2.731E-08	0.000044	0.000467
65	65	Membrane	20	DEAD	LinStatic	0.000464	-2.731E-08	0.000043	0.000465
65	65	Membrane	18	Lr	LinStatic	0.000458	-2.783E-08	0.00004	0.000459
65	65	Membrane	17	Lr	LinStatic	0.000461	-2.783E-08	0.00004	0.000462
65	65	Membrane	19	Lr	LinStatic	0.000461	-2.702E-08	0.000043	0.000462
65	65	Membrane	20	Lr	LinStatic	0.000458	-2.702E-08	0.000044	0.000459
65	65	Membrane	18	Le	LinStatic	0.000205	-1.247E-08	0.000018	0.000206
65	65	Membrane	17	Le	LinStatic	0.000206	-1.247E-08	0.000018	0.000207
65	65	Membrane	19	Le	LinStatic	0.000206	-1.210E-08	0.000019	0.000207

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
65	65	Membrane	20	Le	LinStatic	0.000205	-1.210E-08	0.00002	0.000206
66	66	Membrane	19	DEAD	LinStatic	0.000466	-2.729E-08	0.000062	0.000468
66	66	Membrane	21	DEAD	LinStatic	0.000466	-2.782E-08	0.000075	0.000469
66	66	Membrane	22	DEAD	LinStatic	0.000463	-2.782E-08	0.000074	0.000466
66	66	Membrane	20	DEAD	LinStatic	0.000463	-2.729E-08	0.000061	0.000465
66	66	Membrane	19	Lr	LinStatic	0.00046	-2.697E-08	0.000061	0.000462
66	66	Membrane	21	Lr	LinStatic	0.00046	-2.761E-08	0.000074	0.000463
66	66	Membrane	22	Lr	LinStatic	0.000458	-2.761E-08	0.000074	0.000461
66	66	Membrane	20	Lr	LinStatic	0.000458	-2.697E-08	0.000061	0.00046
66	66	Membrane	19	Le	LinStatic	0.000206	-1.208E-08	0.000027	0.000207
66	66	Membrane	21	Le	LinStatic	0.000206	-1.237E-08	0.000033	0.000208
66	66	Membrane	22	Le	LinStatic	0.000205	-1.237E-08	0.000033	0.000207
66	66	Membrane	20	Le	LinStatic	0.000205	-1.208E-08	0.000027	0.000206
67	67	Membrane	21	DEAD	LinStatic	0.000339	-2.658E-08	0.000105	0.000347
67	67	Membrane	23	DEAD	LinStatic	0.000339	-2.136E-08	0.000103	0.000346
67	67	Membrane	24	DEAD	LinStatic	0.000337	-2.136E-08	0.000101	0.000344
67	67	Membrane	22	DEAD	LinStatic	0.000337	-2.658E-08	0.000104	0.000345
67	67	Membrane	21	Lr	LinStatic	0.000335	-2.614E-08	0.000104	0.000342
67	67	Membrane	23	Lr	LinStatic	0.000335	-1.995E-08	0.000101	0.000342
67	67	Membrane	24	Lr	LinStatic	0.000333	-1.995E-08	0.000101	0.00034
67	67	Membrane	22	Lr	LinStatic	0.000333	-2.614E-08	0.000103	0.000341
67	67	Membrane	21	Le	LinStatic	0.00015	-1.171E-08	0.000046	0.000153
67	67	Membrane	23	Le	LinStatic	0.00015	-8.937E-09	0.000045	0.000153
67	67	Membrane	24	Le	LinStatic	0.000149	-8.937E-09	0.000045	0.000153
67	67	Membrane	22	Le	LinStatic	0.000149	-1.171E-08	0.000046	0.000153
68	68	Membrane	23	DEAD	LinStatic	0.000338	-1.782E-08	0.000113	0.000347
68	68	Membrane	25	DEAD	LinStatic	0.000338	-9.661E-09	0.000116	0.000347
68	68	Membrane	27	DEAD	LinStatic	0.000336	-9.661E-09	0.000114	0.000346
68	68	Membrane	24	DEAD	LinStatic	0.000336	-1.782E-08	0.000111	0.000345

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
68	68	Membrane	23	Lr	LinStatic	0.000334	-1.647E-08	0.000111	0.000343
68	68	Membrane	25	Lr	LinStatic	0.000334	-9.509E-09	0.000114	0.000343
68	68	Membrane	27	Lr	LinStatic	0.000332	-9.509E-09	0.000114	0.000342
68	68	Membrane	24	Lr	LinStatic	0.000332	-1.647E-08	0.000111	0.000341
68	68	Membrane	23	Le	LinStatic	0.00015	-7.381E-09	0.00005	0.000154
68	68	Membrane	25	Le	LinStatic	0.00015	-4.260E-09	0.000051	0.000154
68	68	Membrane	27	Le	LinStatic	0.000149	-4.260E-09	0.000051	0.000153
68	68	Membrane	24	Le	LinStatic	0.000149	-7.381E-09	0.00005	0.000153
69	69	Membrane	25	DEAD	LinStatic	0.000121	-7.863E-09	0.000154	0.000158
69	69	Membrane	29	DEAD	LinStatic	0.000121	-9.211E-09	0.000154	0.000158
69	69	Membrane	30	DEAD	LinStatic	0.00012	-9.211E-09	0.000152	0.000157
69	69	Membrane	27	DEAD	LinStatic	0.00012	-7.863E-09	0.000152	0.000157
69	69	Membrane	25	Lr	LinStatic	0.000119	-7.771E-09	0.000152	0.000156
69	69	Membrane	29	Lr	LinStatic	0.000119	-8.149E-09	0.000152	0.000156
69	69	Membrane	30	Lr	LinStatic	0.000119	-8.149E-09	0.000152	0.000156
69	69	Membrane	27	Lr	LinStatic	0.000119	-7.771E-09	0.000152	0.000156
69	69	Membrane	25	Le	LinStatic	0.000054	-3.482E-09	0.000068	0.00007
69	69	Membrane	29	Le	LinStatic	0.000054	-3.651E-09	0.000068	0.00007
69	69	Membrane	30	Le	LinStatic	0.000053	-3.651E-09	0.000068	0.00007
69	69	Membrane	27	Le	LinStatic	0.000053	-3.482E-09	0.000068	0.00007
70	70	Membrane	29	DEAD	LinStatic	0.00012	-7.542E-09	0.000156	0.000158
70	70	Membrane	31	DEAD	LinStatic	0.00012	1.349E-10	0.000143	0.000153
70	70	Membrane	32	DEAD	LinStatic	0.000119	1.349E-10	0.000141	0.000152
70	70	Membrane	30	DEAD	LinStatic	0.000119	-7.542E-09	0.000154	0.000157
70	70	Membrane	29	Lr	LinStatic	0.000118	-7.313E-09	0.000156	0.000157
70	70	Membrane	31	Lr	LinStatic	0.000118	-3.764E-09	0.000142	0.000152
70	70	Membrane	32	Lr	LinStatic	0.000118	-3.764E-09	0.000142	0.000151
70	70	Membrane	30	Lr	LinStatic	0.000118	-7.313E-09	0.000156	0.000157
70	70	Membrane	29	Le	LinStatic	0.000053	-3.276E-09	0.00007	0.00007

Table: Element Strains - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	E11Top	E22Top	G12Top	EMaxTop
70	70	Membrane	31	Le	LinStatic	0.000053	-1.687E-09	0.000064	0.000068
70	70	Membrane	32	Le	LinStatic	0.000053	-1.687E-09	0.000064	0.000068
70	70	Membrane	30	Le	LinStatic	0.000053	-3.276E-09	0.00007	0.00007

Table: Element Strains - Area Shells, Part 2 of 3

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
1	1	33	DEAD	-0.000098	40.404	0.000152	0.000046	6.478E-06	0.000244
1	1	35	DEAD	-0.000158	38.816	0.000195	0.000046	-0.000026	0.000328
1	1	1	DEAD	-0.000201	54.327	0.000202	-0.000094	6.478E-06	0.000299
1	1	33	Lr	-0.000095	40.395	0.00015	0.000046	7.095E-06	0.00024
1	1	35	Lr	-0.000157	38.636	0.000193	0.000046	-0.000027	0.000324
1	1	1	Lr	-0.000201	54.414	0.000201	-0.000094	7.095E-06	0.000297
1	1	33	Le	-0.000043	40.395	0.000067	0.000021	3.179E-06	0.000107
1	1	35	Le	-0.00007	38.636	0.000086	0.000021	-0.000012	0.000145
1	1	1	Le	-0.00009	54.414	0.00009	-0.000042	3.179E-06	0.000133
2	2	1	DEAD	-0.000129	43.617	0.00025	0.000069	0.000051	0.000379
2	2	35	DEAD	-0.000112	33.449	0.000172	0.000084	-0.000026	0.000258
2	2	3	DEAD	-0.000178	38.053	0.000234	0.000069	-0.000026	0.000388
2	2	1	Lr	-0.000128	43.744	0.000248	0.000068	0.000052	0.000375
2	2	35	Lr	-0.000109	33.171	0.000168	0.000083	-0.000027	0.000252
2	2	3	Lr	-0.000177	38.02	0.000232	0.000068	-0.000027	0.000384
2	2	1	Le	-0.000057	43.744	0.000111	0.000031	0.000023	0.000168
2	2	35	Le	-0.000049	33.171	0.000075	0.000037	-0.000012	0.000113
2	2	3	Le	-0.000079	38.02	0.000104	0.000031	-0.000012	0.000172
3	3	3	DEAD	-0.000078	38.558	0.000258	0.000124	0.00005	0.000321
3	3	35	DEAD	-0.000087	55.056	0.000122	-0.00002	0.00005	0.000192
3	3	5	DEAD	-0.000126	16.984	0.000159	0.000124	-0.000102	0.000152
3	3	3	Lr	-0.000077	38.727	0.000256	0.000122	0.000051	0.000319
3	3	35	Lr	-0.000084	55.264	0.000119	-0.000019	0.000051	0.000187
3	3	5	Lr	-0.000128	17.034	0.000159	0.000122	-0.000104	0.000153
3	3	3	Le	-0.000034	38.727	0.000115	0.000055	0.000023	0.000143
3	3	35	Le	-0.000037	55.264	0.000054	-8.446E-06	0.000023	0.000084
3	3	5	Le	-0.000057	17.034	0.000071	0.000055	-0.000047	0.000069
4	4	5	DEAD	-0.000248	45.784	0.000265	-0.000027	-0.000014	0.000454
4	4	35	DEAD	-0.000568	54.369	0.000569	-0.00029	-0.000027	0.000775
4	4	37	DEAD	-0.000423	60.329	0.000436	-0.00029	-0.000014	0.000465
4	4	5	Lr	-0.000244	45.659	0.000262	-0.000025	-0.000015	0.000448
4	4	35	Lr	-0.000563	54.344	0.000565	-0.000288	-0.000028	0.000768
4	4	37	Lr	-0.000418	60.36	0.000432	-0.000288	-0.000015	0.000459
4	4	5	Le	-0.000109	45.659	0.000117	-0.000011	-6.561E-06	0.000201
4	4	35	Le	-0.000252	54.344	0.000253	-0.000129	-0.000012	0.000344
4	4	37	Le	-0.000187	60.36	0.000193	-0.000129	-6.561E-06	0.000206
5	5	5	DEAD	-0.000075	47.779	0.000077	-0.000032	-0.000023	0.000094
5	5	37	DEAD	-0.000299	79.239	0.000353	-0.000289	-0.000023	0.000105
5	5	39	DEAD	-0.00032	-72.361	0.000358	-0.000289	-0.00001	-0.000197
5	5	5	Lr	-0.000074	47.692	0.000077	-0.000032	-0.000023	0.000092

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
5	5	37	Lr	-0.000295	79.25	0.000349	-0.000285	-0.000023	0.000103
5	5	39	Lr	-0.000316	-72.346	0.000354	-0.000285	-0.00001	-0.000195
5	5	5	Le	-0.000033	47.692	0.000034	-0.000014	-0.00001	0.000041
5	5	37	Le	-0.000132	79.25	0.000156	-0.000128	-0.00001	0.000046
5	5	39	Le	-0.000142	-72.346	0.000158	-0.000128	-4.610E-06	-0.000087
6	6	39	DEAD	-0.000199	37.822	0.000325	0.000126	-3.423E-06	0.000505
6	6	7	DEAD	-0.000128	25.956	0.000547	0.000399	-3.423E-06	0.000514
6	6	5	DEAD	-0.000258	32.436	0.00067	0.000399	7.336E-06	0.000836
6	6	39	Lr	-0.000197	37.799	0.000321	0.000124	-3.776E-06	0.000498
6	6	7	Lr	-0.000127	25.937	0.00054	0.000395	-3.776E-06	0.000508
6	6	5	Lr	-0.000255	32.434	0.000663	0.000395	7.232E-06	0.000826
6	6	39	Le	-0.000088	37.799	0.000144	0.000056	-1.692E-06	0.000223
6	6	7	Le	-0.000057	25.937	0.000242	0.000177	-1.692E-06	0.000228
6	6	5	Le	-0.000114	32.434	0.000297	0.000177	3.240E-06	0.00037
7	7	39	DEAD	1.064E-06	-11.482	0.00008	0.000066	3.750E-06	-0.000026
7	7	9	DEAD	-0.000101	-22.773	0.000556	0.00043	-7.009E-06	-0.000446
7	7	7	DEAD	3.575E-06	-1.161	0.000499	0.00043	3.750E-06	-0.000017
7	7	39	Lr	9.219E-07	-11.439	0.000079	0.000065	3.563E-06	-0.000026
7	7	9	Lr	-0.0001	-22.743	0.000549	0.000425	-7.446E-06	-0.00044
7	7	7	Lr	3.397E-06	-1.136	0.000493	0.000425	3.563E-06	-0.000017
7	7	39	Le	4.131E-07	-11.439	0.000035	0.000029	1.596E-06	-0.000012
7	7	9	Le	-0.000045	-22.743	0.000246	0.000191	-3.336E-06	-0.000197
7	7	7	Le	1.522E-06	-1.136	0.000221	0.000191	1.596E-06	-7.503E-06
8	8	39	DEAD	-0.000806	58.667	0.000818	-0.000513	-0.000015	0.000962
8	8	41	DEAD	-0.000628	66.487	0.000677	-0.000513	-0.00002	0.000529
8	8	9	DEAD	-0.000356	51.557	0.000356	-0.000144	-0.00002	0.000533
8	8	39	Lr	-0.000797	58.654	0.00081	-0.000507	-0.000015	0.000952
8	8	41	Lr	-0.000621	66.461	0.000669	-0.000507	-0.00002	0.000523
8	8	9	Lr	-0.000352	51.52	0.000352	-0.000142	-0.00002	0.000527
8	8	39	Le	-0.000357	58.654	0.000363	-0.000227	-6.890E-06	0.000427
8	8	41	Le	-0.000278	66.461	0.0003	-0.000227	-9.105E-06	0.000234
8	8	9	Le	-0.000158	51.52	0.000158	-0.000064	-9.105E-06	0.000236
9	9	9	DEAD	-0.000145	-58.954	0.000153	-0.000099	-0.000017	-0.000155
9	9	41	DEAD	-0.000548	-81.507	0.000636	-0.000536	-0.000017	-0.000159
9	9	43	DEAD	-0.000703	-63.694	0.000742	-0.000536	-0.000022	-0.000673
9	9	9	Lr	-0.000144	-58.878	0.000152	-0.000098	-0.000017	-0.000153
9	9	41	Lr	-0.000542	-81.478	0.000629	-0.00053	-0.000017	-0.000157
9	9	43	Lr	-0.000695	-63.668	0.000734	-0.00053	-0.000022	-0.000666
9	9	9	Le	-0.000064	-58.878	0.000068	-0.000044	-7.628E-06	-0.000069
9	9	41	Le	-0.000243	-81.478	0.000282	-0.000238	-7.628E-06	-0.00007
9	9	43	Le	-0.000311	-63.668	0.000329	-0.000238	-9.843E-06	-0.000298
10	10	43	DEAD	-0.000185	36.116	0.000342	0.000159	-1.865E-06	0.000501
10	10	11	DEAD	-0.000095	20.11	0.000748	0.000597	-1.865E-06	0.000507
10	10	9	DEAD	-0.00029	29.942	0.00091	0.000597	4.186E-06	0.001022
10	10	43	Lr	-0.000183	36.091	0.000338	0.000157	-2.222E-06	0.000495
10	10	11	Lr	-0.000094	20.098	0.000739	0.000591	-2.222E-06	0.000501
10	10	9	Lr	-0.000287	29.94	0.000899	0.000591	4.092E-06	0.001011
10	10	43	Le	-0.000082	36.091	0.000151	0.00007	-9.958E-07	0.000222
10	10	11	Le	-0.000042	20.098	0.000331	0.000265	-9.958E-07	0.000224
10	10	9	Le	-0.000129	29.94	0.000403	0.000265	1.834E-06	0.000453
11	11	43	DEAD	-0.000076	-31.648	0.000212	0.00013	2.169E-06	-0.000255
11	11	13	DEAD	-0.000207	-26.484	0.000848	0.000612	-3.882E-06	-0.000817
11	11	11	DEAD	-0.000022	-11.136	0.000723	0.000612	2.169E-06	-0.00025

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
11	11	43	Lr	-0.000076	-31.621	0.000209	0.000129	1.987E-06	-0.000252
11	11	13	Lr	-0.000205	-26.466	0.000838	0.000605	-4.327E-06	-0.000807
11	11	11	Lr	-0.000022	-11.123	0.000714	0.000605	1.987E-06	-0.000247
11	11	43	Le	-0.000034	-31.621	0.000094	0.000058	8.904E-07	-0.000113
11	11	13	Le	-0.000092	-26.466	0.000375	0.000271	-1.939E-06	-0.000362
11	11	11	Le	-9.978E-06	-11.123	0.00032	0.000271	8.904E-07	-0.000111
12	12	13	DEAD	-0.000345	53.256	0.000345	-0.000163	-0.000018	0.000488
12	12	43	DEAD	-0.000952	60.345	0.000978	-0.00065	-0.000019	0.001062
12	12	45	DEAD	-0.000733	71.119	0.000812	-0.00065	-0.000018	0.000489
12	12	13	Lr	-0.000341	53.223	0.000342	-0.000161	-0.000018	0.000483
12	12	43	Lr	-0.000942	60.329	0.000967	-0.000642	-0.00002	0.001051
12	12	45	Lr	-0.000725	71.097	0.000803	-0.000642	-0.000018	0.000484
12	12	13	Le	-0.000153	53.223	0.000153	-0.000072	-8.166E-06	0.000217
12	12	43	Le	-0.000422	60.329	0.000433	-0.000288	-8.751E-06	0.000471
12	12	45	Le	-0.000325	71.097	0.00036	-0.000288	-8.166E-06	0.000217
13	13	13	DEAD	-0.00027	-54.925	0.000272	-0.000146	-0.000019	-0.000352
13	13	45	DEAD	-0.000703	-75.613	0.000798	-0.000658	-0.000019	-0.000351
13	13	47	DEAD	-0.000913	-61.944	0.000947	-0.000658	-0.000018	-0.000954
13	13	13	Lr	-0.000267	-54.876	0.000269	-0.000144	-0.000019	-0.000349
13	13	45	Lr	-0.000696	-75.586	0.000789	-0.000651	-0.000019	-0.000348
13	13	47	Lr	-0.000903	-61.929	0.000937	-0.000651	-0.000018	-0.000944
13	13	13	Le	-0.00012	-54.876	0.000121	-0.000065	-8.556E-06	-0.000156
13	13	45	Le	-0.000312	-75.586	0.000354	-0.000292	-8.556E-06	-0.000156
13	13	47	Le	-0.000404	-61.929	0.00042	-0.000292	-7.972E-06	-0.000423
14	14	47	DEAD	-0.000148	34.645	0.000308	0.000161	-5.963E-07	0.000427
14	14	15	DEAD	-0.000063	16.178	0.000818	0.000676	-5.963E-07	0.000428
14	14	13	DEAD	-0.000279	28.452	0.000983	0.000676	1.549E-06	0.001034
14	14	47	Lr	-0.000146	34.621	0.000304	0.000159	-9.632E-07	0.000421
14	14	15	Lr	-0.000062	16.158	0.000809	0.000668	-9.632E-07	0.000423
14	14	13	Lr	-0.000276	28.449	0.000972	0.000668	1.473E-06	0.001022
14	14	47	Le	-0.000066	34.621	0.000136	0.000071	-4.316E-07	0.000189
14	14	15	Le	-0.000028	16.158	0.000362	0.000299	-4.316E-07	0.00019
14	14	13	Le	-0.000123	28.449	0.000435	0.000299	6.599E-07	0.000458
15	15	15	DEAD	-0.000056	-15.605	0.000815	0.000676	8.342E-07	-0.000409
15	15	47	DEAD	-0.00014	-34.359	0.000301	0.000161	8.342E-07	-0.000411
15	15	17	DEAD	-0.000273	-28.143	0.000975	0.000676	-1.312E-06	-0.001014
15	15	15	Lr	-0.000056	-15.596	0.000806	0.000668	6.608E-07	-0.000404
15	15	47	Lr	-0.000138	-34.348	0.000298	0.000159	6.608E-07	-0.000406
15	15	17	Lr	-0.00027	-28.131	0.000964	0.000668	-1.775E-06	-0.001003
15	15	15	Le	-0.000025	-15.596	0.000361	0.000299	2.961E-07	-0.000181
15	15	47	Le	-0.000062	-34.348	0.000134	0.000071	2.961E-07	-0.000182
15	15	17	Le	-0.000121	-28.131	0.000432	0.000299	-7.954E-07	-0.000449
16	16	17	DEAD	-0.000284	54.679	0.000286	-0.000151	-0.000018	0.000377
16	16	47	DEAD	-0.000933	61.683	0.000967	-0.000667	-0.000019	0.000985
16	16	49	DEAD	-0.000718	74.912	0.000811	-0.000667	-0.000018	0.000377
16	16	17	Lr	-0.000282	54.629	0.000283	-0.000149	-0.000019	0.000373
16	16	47	Lr	-0.000922	61.673	0.000956	-0.00066	-0.000019	0.000974
16	16	49	Lr	-0.00071	74.892	0.000802	-0.00066	-0.000019	0.000373
16	16	17	Le	-0.000126	54.629	0.000127	-0.000067	-8.350E-06	0.000167
16	16	47	Le	-0.000413	61.673	0.000428	-0.000296	-8.384E-06	0.000437
16	16	49	Le	-0.000318	74.892	0.000359	-0.000296	-8.350E-06	0.000167
17	17	49	DEAD	-0.00074	-71.756	0.000822	-0.000661	-0.000018	-0.000475
17	17	51	DEAD	-0.00096	-60.6	0.000987	-0.000661	-0.000018	-0.001062

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
17	17	17	DEAD	-0.000339	-53.438	0.000339	-0.000163	-0.000018	-0.000476
17	17	49	Lr	-0.000731	-71.731	0.000813	-0.000654	-0.000019	-0.00047
17	17	51	Lr	-0.00095	-60.581	0.000977	-0.000654	-0.000019	-0.00105
17	17	17	Lr	-0.000336	-53.41	0.000336	-0.000161	-0.000019	-0.000471
17	17	49	Le	-0.000328	-71.731	0.000364	-0.000293	-8.373E-06	-0.000211
17	17	51	Le	-0.000426	-60.581	0.000438	-0.000293	-8.338E-06	-0.000471
17	17	17	Le	-0.00015	-53.41	0.00015	-0.000072	-8.373E-06	-0.000211
18	18	19	DEAD	-0.000028	12.004	0.000748	0.000632	1.634E-06	0.000281
18	18	17	DEAD	-0.000221	26.838	0.000882	0.000632	-3.020E-06	0.000863
18	18	51	DEAD	-0.000088	32.328	0.000228	0.000136	1.634E-06	0.000285
18	18	19	Lr	-0.000028	11.988	0.000739	0.000625	1.244E-06	0.000277
18	18	17	Lr	-0.000219	26.833	0.000872	0.000625	-3.049E-06	0.000853
18	18	51	Lr	-0.000087	32.28	0.000225	0.000135	1.244E-06	0.000281
18	18	19	Le	-0.000013	11.988	0.000331	0.00028	5.575E-07	0.000124
18	18	17	Le	-0.000098	26.833	0.000391	0.00028	-1.366E-06	0.000382
18	18	51	Le	-0.000039	32.28	0.000101	0.00006	5.575E-07	0.000126
19	19	51	DEAD	-0.00018	-35.884	0.00034	0.000161	-1.469E-06	-0.000494
19	19	21	DEAD	-0.000292	-29.646	0.000933	0.000619	3.186E-06	-0.001036
19	19	19	DEAD	-0.000089	-19.391	0.000769	0.000619	-1.469E-06	-0.000498
19	19	51	Lr	-0.000178	-35.874	0.000336	0.00016	-1.618E-06	-0.000489
19	19	21	Lr	-0.000289	-29.633	0.000922	0.000612	2.675E-06	-0.001024
19	19	19	Lr	-0.000088	-19.381	0.00076	0.000612	-1.618E-06	-0.000492
19	19	51	Le	-0.00008	-35.874	0.000151	0.000071	-7.248E-07	-0.000219
19	19	21	Le	-0.000129	-29.633	0.000413	0.000274	1.199E-06	-0.000459
19	19	19	Le	-0.00004	-19.381	0.000341	0.000274	-7.248E-07	-0.000221
20	20	51	DEAD	-0.000749	63.321	0.000787	-0.000565	-0.00002	0.000732
20	20	53	DEAD	-0.000582	80.165	0.000672	-0.000565	-0.000017	0.000196
20	20	21	DEAD	-0.00017	57.66	0.000177	-0.000109	-0.000017	0.000193
20	20	51	Lr	-0.00074	63.307	0.000779	-0.000558	-0.00002	0.000724
20	20	53	Lr	-0.000575	80.144	0.000665	-0.000558	-0.000018	0.000194
20	20	21	Lr	-0.000168	57.563	0.000175	-0.000108	-0.000018	0.000191
20	20	51	Le	-0.000332	63.307	0.000349	-0.00025	-9.145E-06	0.000324
20	20	53	Le	-0.000258	80.144	0.000298	-0.00025	-7.983E-06	0.000087
20	20	21	Le	-0.000075	57.563	0.000078	-0.000048	-7.983E-06	0.000086
21	21	21	DEAD	-0.000358	-51.907	0.000358	-0.00015	-0.000019	-0.00053
21	21	53	DEAD	-0.000654	-67.404	0.000708	-0.000544	-0.000019	-0.000528
21	21	55	DEAD	-0.000842	-59.002	0.000857	-0.000544	-0.000017	-0.000991
21	21	21	Lr	-0.000354	-51.882	0.000354	-0.000148	-0.00002	-0.000525
21	21	53	Lr	-0.000646	-67.377	0.000701	-0.000538	-0.00002	-0.000522
21	21	55	Lr	-0.000832	-58.981	0.000848	-0.000538	-0.000017	-0.000981
21	21	21	Le	-0.000159	-51.882	0.000159	-0.000066	-8.758E-06	-0.000235
21	21	53	Le	-0.00029	-67.377	0.000314	-0.000241	-8.758E-06	-0.000234
21	21	55	Le	-0.000373	-58.981	0.00038	-0.000241	-7.595E-06	-0.000439
22	22	55	DEAD	-0.00001	21.034	0.000101	0.000079	3.056E-06	0.000069
22	22	23	DEAD	1.055E-06	3.742	0.000544	0.000469	3.056E-06	0.000061
22	22	21	DEAD	-0.00012	23.791	0.000616	0.000469	-5.865E-06	0.00052
22	22	55	Lr	-0.00001	20.863	0.0001	0.000078	2.648E-06	0.000067
22	22	23	Lr	6.875E-07	3.724	0.000538	0.000463	2.648E-06	0.00006
22	22	21	Lr	-0.000119	23.783	0.000609	0.000463	-5.856E-06	0.000513
22	22	55	Le	-4.574E-06	20.863	0.000045	0.000035	1.186E-06	0.00003
22	22	23	Le	3.080E-07	3.724	0.000241	0.000208	1.186E-06	0.000027
22	22	21	Le	-0.000053	23.783	0.000273	0.000208	-2.624E-06	0.00023
23	23	55	DEAD	-0.000198	-37.468	0.000332	0.000134	-2.891E-06	-0.00051

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
23	23	25	DEAD	-0.000266	-31.838	0.00072	0.00044	6.030E-06	-0.000877
23	23	23	DEAD	-0.000122	-24.725	0.000588	0.00044	-2.891E-06	-0.000518
23	23	55	Lr	-0.000196	-37.458	0.000328	0.000133	-3.021E-06	-0.000504
23	23	25	Lr	-0.000264	-31.823	0.000711	0.000435	5.482E-06	-0.000867
23	23	23	Lr	-0.000121	-24.715	0.000581	0.000435	-3.021E-06	-0.000512
23	23	55	Le	-0.000088	-37.458	0.000147	0.00006	-1.354E-06	-0.000226
23	23	25	Le	-0.000118	-31.823	0.000319	0.000195	2.456E-06	-0.000388
23	23	23	Le	-0.000054	-24.715	0.00026	0.000195	-1.354E-06	-0.000229
24	24	55	DEAD	-0.000401	68.406	0.000443	-0.000341	-0.000022	0.0003
24	24	57	DEAD	-0.000344	-85.132	0.000406	-0.000341	-0.000017	-0.000056
24	24	25	DEAD	-0.00006	-55.105	0.000067	-0.000039	-0.000017	-0.00006
24	24	55	Lr	-0.000396	68.385	0.000438	-0.000337	-0.000022	0.000297
24	24	57	Lr	-0.00034	-85.139	0.000401	-0.000337	-0.000017	-0.000055
24	24	25	Lr	-0.000059	-54.92	0.000066	-0.000038	-0.000017	-0.000058
24	24	55	Le	-0.000178	68.385	0.000196	-0.000151	-9.675E-06	0.000133
24	24	57	Le	-0.000152	-85.139	0.00018	-0.000151	-7.785E-06	-0.000025
24	24	25	Le	-0.000026	-54.92	0.00003	-0.000017	-7.785E-06	-0.000026
25	25	25	DEAD	-0.000312	-49.052	0.000316	-0.000092	-0.00002	-0.000506
25	25	57	DEAD	-0.000458	-60.167	0.000473	-0.000314	-0.00002	-0.000502
25	25	59	DEAD	-0.000574	-55.68	0.000576	-0.000314	-0.000015	-0.000763
25	25	25	Lr	-0.000308	-49.024	0.000312	-0.000091	-0.00002	-0.0005
25	25	57	Lr	-0.000453	-60.141	0.000468	-0.00031	-0.00002	-0.000497
25	25	59	Lr	-0.000568	-55.65	0.00057	-0.00031	-0.000016	-0.000754
25	25	25	Le	-0.000138	-49.024	0.00014	-0.000041	-9.045E-06	-0.000224
25	25	57	Le	-0.000203	-60.141	0.00021	-0.000139	-9.045E-06	-0.000222
25	25	59	Le	-0.000254	-55.65	0.000255	-0.000139	-7.155E-06	-0.000338
26	26	59	DEAD	-0.000101	-48.148	0.000118	-9.273E-06	0.000013	-0.000204
26	26	29	DEAD	-0.000048	-27.033	0.000262	0.000186	0.000013	-0.000239
26	26	25	DEAD	-0.000028	-1.165	0.000201	0.000186	-0.000028	-8.701E-06
26	26	59	Lr	-0.0001	-48.096	0.000117	-9.153E-06	0.000013	-0.000202
26	26	29	Lr	-0.000047	-27.02	0.000259	0.000184	0.000013	-0.000236
26	26	25	Lr	-0.000028	-1.196	0.000198	0.000184	-0.000028	-8.836E-06
26	26	59	Le	-0.000045	-48.096	0.000052	-4.101E-06	5.702E-06	-0.00009
26	26	29	Le	-0.000021	-27.02	0.000116	0.000082	5.702E-06	-0.000106
26	26	25	Le	-0.000012	-1.196	0.000089	0.000082	-0.000012	-3.959E-06
27	27	59	DEAD	-0.000157	-35.432	0.000276	0.00013	-0.000012	-0.000409
27	27	31	DEAD	-0.000151	-38.95	0.000288	0.000114	0.000023	-0.000428
27	27	29	DEAD	-0.00018	-37.055	0.000285	0.000114	-0.000012	-0.000444
27	27	59	Lr	-0.000155	-35.205	0.000276	0.000132	-0.000012	-0.000406
27	27	31	Lr	-0.000148	-38.997	0.000281	0.000111	0.000022	-0.000419
27	27	29	Lr	-0.000179	-37.186	0.000282	0.000111	-0.000012	-0.00044
27	27	59	Le	-0.00007	-35.205	0.000124	0.000059	-5.411E-06	-0.000182
27	27	31	Le	-0.000066	-38.997	0.000126	0.00005	9.826E-06	-0.000188
27	27	29	Le	-0.00008	-37.186	0.000126	0.00005	-5.411E-06	-0.000197
28	28	59	DEAD	-0.000208	-7.751	0.0003	-0.000086	-0.000206	-0.000033
28	28	61	DEAD	-0.000164	-61.013	0.000193	-0.000086	0.000092	-0.000283
28	28	31	DEAD	-0.000165	-41.328	0.000427	0.000167	0.000092	-0.000584
28	28	59	Lr	-0.000214	-5.033	0.000309	-0.000087	-0.000213	-0.000022
28	28	61	Lr	-0.000162	-61.657	0.000192	-0.000087	0.000095	-0.000278
28	28	31	Lr	-0.000164	-41.348	0.000434	0.000171	0.000095	-0.000589
28	28	59	Le	-0.000096	-5.033	0.000139	-0.000039	-0.000095	-9.978E-06
28	28	61	Le	-0.000073	-61.657	0.000086	-0.000039	0.000043	-0.000125
28	28	31	Le	-0.000073	-41.348	0.000194	0.000076	0.000043	-0.000264

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
29	29	32	DEAD	-0.000165	41.314	0.000427	0.000167	0.000091	0.000583
29	29	62	DEAD	-0.000164	60.974	0.000193	-0.000086	0.000091	0.000284
29	29	60	DEAD	-0.000208	7.884	0.000299	-0.000086	-0.000205	0.000034
29	29	32	Lr	-0.000164	41.345	0.000434	0.000171	0.000095	0.000589
29	29	62	Lr	-0.000163	61.636	0.000192	-0.000087	0.000095	0.000278
29	29	60	Lr	-0.000214	5.11	0.000309	-0.000087	-0.000213	0.000023
29	29	32	Le	-0.000074	41.345	0.000194	0.000076	0.000043	0.000264
29	29	62	Le	-0.000073	61.636	0.000086	-0.000039	0.000043	0.000125
29	29	60	Le	-0.000096	5.11	0.000138	-0.000039	-0.000095	0.00001
30	30	60	DEAD	-0.000157	35.502	0.000277	0.00013	-0.000011	0.00041
30	30	30	DEAD	-0.000179	37.1	0.000286	0.000114	-0.000011	0.000444
30	30	32	DEAD	-0.000151	38.959	0.000288	0.000114	0.000023	0.000429
30	30	60	Lr	-0.000155	35.258	0.000276	0.000132	-0.000012	0.000406
30	30	30	Lr	-0.000179	37.223	0.000282	0.000111	-0.000012	0.000441
30	30	32	Lr	-0.000148	39.032	0.000281	0.000111	0.000022	0.00042
30	30	60	Le	-0.00007	35.258	0.000124	0.000059	-5.212E-06	0.000182
30	30	30	Le	-0.00008	37.223	0.000126	0.00005	-5.212E-06	0.000197
30	30	32	Le	-0.000066	39.032	0.000126	0.00005	9.985E-06	0.000188
31	31	30	DEAD	-0.000187	55.459	0.000187	-0.000092	0.000013	0.000275
31	31	60	DEAD	-0.000353	71.781	0.000381	-0.000313	0.000013	0.000241
31	31	58	DEAD	-0.000314	-88.07	0.000378	-0.000313	-0.000027	-0.000019
31	31	30	Lr	-0.000185	55.413	0.000186	-0.000091	0.000013	0.000273
31	31	60	Lr	-0.000349	71.762	0.000376	-0.00031	0.000013	0.000239
31	31	58	Lr	-0.00031	-88.077	0.000374	-0.00031	-0.000027	-0.000019
31	31	30	Le	-0.000083	55.413	0.000083	-0.000041	5.871E-06	0.000122
31	31	60	Le	-0.000156	71.762	0.000169	-0.000139	5.871E-06	0.000107
31	31	58	Le	-0.000139	-88.077	0.000168	-0.000139	-0.000012	-8.509E-06
32	32	58	DEAD	-0.000262	44.427	0.000287	-9.887E-06	-0.00002	0.000495
32	32	27	DEAD	-0.000186	33.811	0.000352	0.000185	-0.00002	0.000498
32	32	30	DEAD	-0.000293	37.266	0.000467	0.000185	-0.000016	0.000727
32	32	58	Lr	-0.000259	44.393	0.000284	-9.809E-06	-0.00002	0.000489
32	32	27	Lr	-0.000185	33.784	0.000348	0.000183	-0.00002	0.000492
32	32	30	Lr	-0.00029	37.261	0.000462	0.000183	-0.000016	0.000719
32	32	58	Le	-0.000116	44.393	0.000127	-4.395E-06	-9.034E-06	0.000219
32	32	27	Le	-0.000083	33.784	0.000156	0.000082	-9.034E-06	0.000221
32	32	30	Le	-0.00013	37.261	0.000207	0.000082	-7.217E-06	0.000322
33	33	27	DEAD	-0.00006	55.465	0.000067	-0.00004	-0.000017	0.000058
33	33	58	DEAD	-0.000343	85.158	0.000405	-0.000341	-0.000017	0.000055
33	33	56	DEAD	-0.0004	-68.456	0.000441	-0.000341	-0.000021	-0.000299
33	33	27	Lr	-0.000059	55.33	0.000067	-0.000039	-0.000017	0.000058
33	33	58	Lr	-0.000339	85.188	0.0004	-0.000337	-0.000017	0.000054
33	33	56	Lr	-0.000395	-68.404	0.000436	-0.000337	-0.000022	-0.000296
33	33	27	Le	-0.000026	55.33	0.00003	-0.000018	-7.823E-06	0.000026
33	33	58	Le	-0.000152	85.188	0.000179	-0.000151	-7.823E-06	0.000024
33	33	56	Le	-0.000177	-68.404	0.000196	-0.000151	-9.640E-06	-0.000133
34	34	56	DEAD	-0.000198	37.519	0.00033	0.000133	-2.640E-06	0.000508
34	34	24	DEAD	-0.000121	24.743	0.000585	0.000437	-2.640E-06	0.000515
34	34	27	DEAD	-0.000265	31.841	0.000716	0.000437	5.601E-06	0.000873
34	34	56	Lr	-0.000195	37.49	0.000326	0.000132	-2.995E-06	0.000502
34	34	24	Lr	-0.00012	24.733	0.000578	0.000432	-2.995E-06	0.000509
34	34	27	Lr	-0.000262	31.839	0.000707	0.000432	5.502E-06	0.000863
34	34	56	Le	-0.000088	37.49	0.000146	0.000059	-1.342E-06	0.000225
34	34	24	Le	-0.000054	24.733	0.000259	0.000194	-1.342E-06	0.000228

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
34	34	27	Le	-0.000118	31.839	0.000317	0.000194	2.465E-06	0.000387
35	35	24	DEAD	9.485E-07	-3.664	0.000541	0.000466	2.854E-06	-0.00006
35	35	56	DEAD	-9.795E-06	-20.821	0.000099	0.000078	2.854E-06	-0.000067
35	35	22	DEAD	-0.000119	-23.803	0.000612	0.000466	-5.386E-06	-0.000516
35	35	24	Lr	8.122E-07	-3.638	0.000534	0.00046	2.670E-06	-0.000058
35	35	56	Lr	-9.778E-06	-20.765	0.000098	0.000077	2.670E-06	-0.000066
35	35	22	Lr	-0.000118	-23.776	0.000605	0.00046	-5.827E-06	-0.00051
35	35	24	Le	3.639E-07	-3.638	0.000239	0.000206	1.196E-06	-0.000026
35	35	56	Le	-4.381E-06	-20.765	0.000044	0.000034	1.196E-06	-0.000029
35	35	22	Le	-0.000053	-23.776	0.000271	0.000206	-2.611E-06	-0.000228
36	36	22	DEAD	-0.000357	51.948	0.000357	-0.00015	-0.000019	0.000529
36	36	56	DEAD	-0.00084	58.997	0.000855	-0.000542	-0.000017	0.000989
36	36	54	DEAD	-0.000652	67.392	0.000707	-0.000542	-0.000019	0.000527
36	36	22	Lr	-0.000354	51.911	0.000354	-0.000148	-0.00002	0.000524
36	36	56	Lr	-0.00083	58.983	0.000845	-0.000536	-0.000017	0.000978
36	36	54	Lr	-0.000645	67.365	0.000699	-0.000536	-0.00002	0.000522
36	36	22	Le	-0.000158	51.911	0.000159	-0.000066	-8.742E-06	0.000235
36	36	56	Le	-0.000372	58.983	0.000379	-0.00024	-7.618E-06	0.000438
36	36	54	Le	-0.000289	67.365	0.000313	-0.00024	-8.742E-06	0.000234
37	37	54	DEAD	-0.00058	-80.137	0.000671	-0.000563	-0.000018	-0.000196
37	37	52	DEAD	-0.000747	-63.34	0.000785	-0.000563	-0.00002	-0.00073
37	37	22	DEAD	-0.000171	-57.695	0.000177	-0.00011	-0.000018	-0.000194
37	37	54	Lr	-0.000574	-80.111	0.000663	-0.000557	-0.000018	-0.000194
37	37	52	Lr	-0.000738	-63.317	0.000776	-0.000557	-0.00002	-0.000722
37	37	22	Lr	-0.000169	-57.633	0.000176	-0.000108	-0.000018	-0.000192
37	37	54	Le	-0.000257	-80.111	0.000297	-0.00025	-7.992E-06	-0.000087
37	37	52	Le	-0.000331	-63.317	0.000348	-0.00025	-9.117E-06	-0.000323
37	37	22	Le	-0.000076	-57.633	0.000079	-0.000049	-7.992E-06	-0.000086
38	38	22	DEAD	-0.00029	29.649	0.000927	0.000615	2.813E-06	0.00103
38	38	52	DEAD	-0.000179	35.943	0.000338	0.000159	-1.268E-06	0.000491
38	38	20	DEAD	-0.000088	19.39	0.000764	0.000615	-1.268E-06	0.000495
38	38	22	Lr	-0.000287	29.647	0.000917	0.000608	2.736E-06	0.001018
38	38	52	Lr	-0.000177	35.918	0.000334	0.000158	-1.634E-06	0.000485
38	38	20	Lr	-0.000088	19.379	0.000755	0.000608	-1.634E-06	0.000489
38	38	22	Le	-0.000129	29.647	0.000411	0.000272	1.226E-06	0.000456
38	38	52	Le	-0.000079	35.918	0.000149	0.000071	-7.319E-07	0.000217
38	38	20	Le	-0.000039	19.379	0.000338	0.000272	-7.319E-07	0.000219
39	39	20	DEAD	-0.000028	-11.968	0.000743	0.000627	1.453E-06	-0.000278
39	39	52	DEAD	-0.000088	-32.346	0.000225	0.000134	1.453E-06	-0.000281
39	39	18	DEAD	-0.00022	-26.851	0.000876	0.000627	-2.628E-06	-0.000858
39	39	20	Lr	-0.000028	-11.951	0.000734	0.00062	1.280E-06	-0.000274
39	39	52	Lr	-0.000087	-32.327	0.000223	0.000133	1.280E-06	-0.000278
39	39	18	Lr	-0.000217	-26.834	0.000866	0.00062	-3.090E-06	-0.000847
39	39	20	Le	-0.000012	-11.951	0.000329	0.000278	5.734E-07	-0.000123
39	39	52	Le	-0.000039	-32.327	0.0001	0.00006	5.734E-07	-0.000125
39	39	18	Le	-0.000097	-26.834	0.000388	0.000278	-1.385E-06	-0.00038
40	40	18	DEAD	-0.000339	53.499	0.000339	-0.000163	-0.000018	0.000475
40	40	52	DEAD	-0.000958	60.591	0.000985	-0.000659	-0.000019	0.001059
40	40	50	DEAD	-0.000738	71.735	0.000819	-0.000659	-0.000018	0.000475
40	40	18	Lr	-0.000335	53.457	0.000336	-0.000161	-0.000019	0.00047
40	40	52	Lr	-0.000947	60.579	0.000974	-0.000652	-0.000019	0.001047
40	40	50	Lr	-0.00073	71.712	0.000811	-0.000652	-0.000019	0.00047
40	40	18	Le	-0.00015	53.457	0.00015	-0.000072	-8.313E-06	0.00021

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
40	40	52	Le	-0.000424	60.579	0.000436	-0.000292	-8.446E-06	0.000469
40	40	50	Le	-0.000327	71.712	0.000363	-0.000292	-8.313E-06	0.000211
41	41	50	DEAD	-0.000716	-74.881	0.000809	-0.000665	-0.000019	-0.000377
41	41	48	DEAD	-0.00093	-61.704	0.000963	-0.000665	-0.000018	-0.000982
41	41	18	DEAD	-0.000285	-54.709	0.000287	-0.000152	-0.000019	-0.000378
41	41	50	Lr	-0.000708	-74.86	0.0008	-0.000658	-0.000019	-0.000373
41	41	48	Lr	-0.000919	-61.686	0.000953	-0.000658	-0.000018	-0.000971
41	41	18	Lr	-0.000282	-54.676	0.000284	-0.00015	-0.000019	-0.000373
41	41	50	Le	-0.000317	-74.86	0.000359	-0.000295	-8.401E-06	-0.000167
41	41	48	Le	-0.000412	-61.686	0.000427	-0.000295	-8.268E-06	-0.000435
41	41	18	Le	-0.000126	-54.676	0.000127	-0.000067	-8.401E-06	-0.000167
42	42	18	DEAD	-0.000271	28.157	0.000969	0.000671	-1.108E-06	0.001009
42	42	48	DEAD	-0.000139	34.41	0.000298	0.000158	6.758E-07	0.000407
42	42	16	DEAD	-0.000056	15.572	0.00081	0.000671	6.758E-07	0.000405
42	42	18	Lr	-0.000268	28.156	0.000958	0.000664	-1.137E-06	0.000997
42	42	48	Lr	-0.000137	34.38	0.000294	0.000156	2.878E-07	0.000402
42	42	16	Lr	-0.000055	15.562	0.000801	0.000664	2.878E-07	0.000401
42	42	18	Le	-0.00012	28.156	0.000429	0.000297	-5.095E-07	0.000447
42	42	48	Le	-0.000061	34.38	0.000132	0.00007	1.289E-07	0.00018
42	42	16	Le	-0.000025	15.562	0.000359	0.000297	1.289E-07	0.000179
43	43	16	DEAD	-0.000062	-16.155	0.000812	0.000671	-5.131E-07	-0.000425
43	43	48	DEAD	-0.000147	-34.702	0.000305	0.000159	-5.131E-07	-0.000423
43	43	14	DEAD	-0.000277	-28.453	0.000977	0.000671	1.270E-06	-0.001028
43	43	16	Lr	-0.000061	-16.143	0.000803	0.000663	-6.621E-07	-0.00042
43	43	48	Lr	-0.000145	-34.683	0.000302	0.000157	-6.621E-07	-0.000418
43	43	14	Lr	-0.000274	-28.437	0.000965	0.000663	7.627E-07	-0.001015
43	43	16	Le	-0.000028	-16.143	0.00036	0.000297	-2.967E-07	-0.000188
43	43	48	Le	-0.000065	-34.683	0.000135	0.00007	-2.967E-07	-0.000187
43	43	14	Le	-0.000123	-28.437	0.000432	0.000297	3.417E-07	-0.000455
44	44	14	DEAD	-0.00027	54.962	0.000272	-0.000146	-0.000019	0.000352
44	44	48	DEAD	-0.00091	61.949	0.000945	-0.000657	-0.000018	0.000951
44	44	46	DEAD	-0.000702	75.589	0.000796	-0.000657	-0.000019	0.000351
44	44	14	Lr	-0.000267	54.916	0.000269	-0.000145	-0.000019	0.000349
44	44	48	Lr	-0.0009	61.93	0.000935	-0.000649	-0.000018	0.000941
44	44	46	Lr	-0.000694	75.563	0.000787	-0.000649	-0.000019	0.000348
44	44	14	Le	-0.00012	54.916	0.000121	-0.000065	-8.538E-06	0.000156
44	44	48	Le	-0.000403	61.93	0.000419	-0.000291	-7.996E-06	0.000422
44	44	46	Le	-0.000311	75.563	0.000353	-0.000291	-8.538E-06	0.000156
45	45	46	DEAD	-0.000732	-71.092	0.00081	-0.000648	-0.000018	-0.000489
45	45	44	DEAD	-0.00095	-60.345	0.000975	-0.000648	-0.000019	-0.001059
45	45	14	DEAD	-0.000345	-53.291	0.000345	-0.000163	-0.000018	-0.000488
45	45	46	Lr	-0.000724	-71.068	0.000801	-0.000641	-0.000018	-0.000484
45	45	44	Lr	-0.000939	-60.332	0.000965	-0.000641	-0.000019	-0.001048
45	45	14	Lr	-0.000342	-53.257	0.000342	-0.000161	-0.000018	-0.000483
45	45	46	Le	-0.000324	-71.068	0.000359	-0.000287	-8.177E-06	-0.000217
45	45	44	Le	-0.000421	-60.332	0.000432	-0.000287	-8.719E-06	-0.00047
45	45	14	Le	-0.000153	-53.257	0.000153	-0.000072	-8.177E-06	-0.000216
46	46	44	DEAD	-0.000076	31.713	0.00021	0.000129	2.529E-06	0.000253
46	46	12	DEAD	-0.000022	11.082	0.000717	0.000607	2.529E-06	0.000246
46	46	14	DEAD	-0.000206	26.446	0.000841	0.000607	-4.858E-06	0.000809
46	46	44	Lr	-0.000075	31.668	0.000207	0.000127	2.119E-06	0.000249
46	46	12	Lr	-0.000022	11.062	0.000709	0.000601	2.119E-06	0.000243
46	46	14	Lr	-0.000204	26.444	0.000831	0.000601	-4.847E-06	0.0008

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
46	46	44	Le	-0.000034	31.668	0.000093	0.000057	9.494E-07	0.000112
46	46	12	Le	-9.710E-06	11.062	0.000318	0.000269	9.494E-07	0.000109
46	46	14	Le	-0.000091	26.444	0.000372	0.000269	-2.172E-06	0.000359
47	47	44	DEAD	-0.000184	-36.137	0.000338	0.000156	-2.396E-06	-0.000497
47	47	10	DEAD	-0.000288	-29.978	0.000905	0.000593	4.991E-06	-0.001017
47	47	12	DEAD	-0.000094	-20.095	0.000743	0.000593	-2.396E-06	-0.000503
47	47	44	Lr	-0.000182	-36.127	0.000335	0.000155	-2.525E-06	-0.000491
47	47	10	Lr	-0.000285	-29.964	0.000894	0.000587	4.441E-06	-0.001006
47	47	12	Lr	-0.000093	-20.085	0.000734	0.000587	-2.525E-06	-0.000497
47	47	44	Le	-0.000081	-36.127	0.00015	0.000069	-1.131E-06	-0.00022
47	47	10	Le	-0.000128	-29.964	0.000401	0.000263	1.990E-06	-0.000451
47	47	12	Le	-0.000042	-20.085	0.000329	0.000263	-1.131E-06	-0.000223
48	48	44	DEAD	-0.0007	63.7	0.00074	-0.000535	-0.000022	0.000671
48	48	42	DEAD	-0.000547	81.469	0.000634	-0.000535	-0.000017	0.000159
48	48	10	DEAD	-0.000146	59.058	0.000154	-0.000099	-0.000017	0.000155
48	48	44	Lr	-0.000693	63.684	0.000732	-0.000529	-0.000022	0.000664
48	48	42	Lr	-0.00054	81.445	0.000627	-0.000529	-0.000017	0.000157
48	48	10	Lr	-0.000145	58.938	0.000153	-0.000098	-0.000017	0.000153
48	48	44	Le	-0.00031	63.684	0.000328	-0.000237	-9.750E-06	0.000297
48	48	42	Le	-0.000242	81.445	0.000281	-0.000237	-7.670E-06	0.000071
48	48	10	Le	-0.000065	58.938	0.000068	-0.000044	-7.670E-06	0.000069
49	49	10	DEAD	-0.000355	-51.574	0.000356	-0.000144	-0.00002	-0.000532
49	49	42	DEAD	-0.000626	-66.47	0.000675	-0.000511	-0.00002	-0.000528
49	49	40	DEAD	-0.000804	-58.67	0.000816	-0.000511	-0.000015	-0.00096
49	49	10	Lr	-0.000352	-51.549	0.000352	-0.000143	-0.00002	-0.000527
49	49	42	Lr	-0.00062	-66.444	0.000668	-0.000506	-0.00002	-0.000523
49	49	40	Lr	-0.000795	-58.649	0.000808	-0.000506	-0.000016	-0.000949
49	49	10	Le	-0.000158	-51.549	0.000158	-0.000064	-9.057E-06	-0.000236
49	49	42	Le	-0.000278	-66.444	0.000299	-0.000227	-9.057E-06	-0.000234
49	49	40	Le	-0.000356	-58.649	0.000362	-0.000227	-6.977E-06	-0.000425
50	50	40	DEAD	1.478E-06	11.092	0.000078	0.000065	3.911E-06	0.000025
50	50	8	DEAD	3.774E-06	1.027	0.000496	0.000427	3.911E-06	0.000015
50	50	10	DEAD	-0.0001	22.727	0.000551	0.000427	-7.419E-06	0.000442
50	50	40	Lr	1.197E-06	10.863	0.000077	0.000064	3.510E-06	0.000024
50	50	8	Lr	3.379E-06	1.013	0.00049	0.000422	3.510E-06	0.000015
50	50	10	Lr	-0.000099	22.719	0.000545	0.000422	-7.426E-06	0.000436
50	50	40	Le	5.364E-07	10.863	0.000035	0.000029	1.573E-06	0.000011
50	50	8	Le	1.514E-06	1.013	0.000219	0.000189	1.573E-06	6.636E-06
50	50	10	Le	-0.000044	22.719	0.000244	0.000189	-3.327E-06	0.000196
51	51	8	DEAD	-0.000128	-25.974	0.000543	0.000397	-3.643E-06	-0.000511
51	51	40	DEAD	-0.000199	-37.839	0.000322	0.000124	-3.643E-06	-0.000502
51	51	6	DEAD	-0.000257	-32.467	0.000667	0.000397	7.687E-06	-0.000832
51	51	8	Lr	-0.000127	-25.96	0.000537	0.000392	-3.781E-06	-0.000505
51	51	40	Lr	-0.000196	-37.83	0.000319	0.000123	-3.781E-06	-0.000496
51	51	6	Lr	-0.000254	-32.451	0.000659	0.000392	7.156E-06	-0.000822
51	51	8	Le	-0.000057	-25.96	0.000241	0.000176	-1.694E-06	-0.000226
51	51	40	Le	-0.000088	-37.83	0.000143	0.000055	-1.694E-06	-0.000222
51	51	6	Le	-0.000114	-32.451	0.000295	0.000176	3.206E-06	-0.000368
52	52	6	DEAD	-0.000075	-47.995	0.000078	-0.000033	-0.000023	-0.000093
52	52	40	DEAD	-0.000319	72.384	0.000357	-0.000288	-0.00001	0.000196
52	52	38	DEAD	-0.000298	-79.268	0.000351	-0.000288	-0.000023	-0.000104
52	52	6	Lr	-0.000074	-47.862	0.000077	-0.000033	-0.000023	-0.000091
52	52	40	Lr	-0.000315	72.388	0.000352	-0.000284	-0.00001	0.000193

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
52	52	38	Lr	-0.000294	-79.262	0.000348	-0.000284	-0.000023	-0.000103
52	52	6	Le	-0.000033	-47.862	0.000035	-0.000015	-0.00001	-0.000041
52	52	40	Le	-0.000141	72.388	0.000158	-0.000127	-4.573E-06	0.000087
52	52	38	Le	-0.000132	-79.262	0.000156	-0.000127	-0.00001	-0.000046
53	53	38	DEAD	-0.000422	-60.319	0.000435	-0.000289	-0.000015	-0.000464
53	53	36	DEAD	-0.000566	-54.373	0.000568	-0.000289	-0.000027	-0.000773
53	53	6	DEAD	-0.000248	-45.777	0.000265	-0.000027	-0.000015	-0.000453
53	53	38	Lr	-0.000417	-60.352	0.000431	-0.000287	-0.000015	-0.000459
53	53	36	Lr	-0.000562	-54.337	0.000563	-0.000287	-0.000028	-0.000767
53	53	6	Lr	-0.000244	-45.663	0.000261	-0.000025	-0.000015	-0.000447
53	53	38	Le	-0.000187	-60.352	0.000193	-0.000129	-6.542E-06	-0.000205
53	53	36	Le	-0.000252	-54.337	0.000252	-0.000129	-0.000012	-0.000344
53	53	6	Le	-0.000109	-45.663	0.000117	-0.000011	-6.542E-06	-0.0002
54	54	6	DEAD	-0.000127	-17.175	0.000159	0.000122	-0.000103	-0.000154
54	54	36	DEAD	-0.000087	-55.109	0.000122	-0.00002	0.00005	-0.000192
54	54	4	DEAD	-0.000079	-38.684	0.000257	0.000122	0.00005	-0.000322
54	54	6	Lr	-0.000129	-17.226	0.000159	0.000121	-0.000105	-0.000155
54	54	36	Lr	-0.000084	-55.283	0.00012	-0.000019	0.000051	-0.000187
54	54	4	Lr	-0.000078	-38.834	0.000255	0.000121	0.000051	-0.000319
54	54	6	Le	-0.000058	-17.226	0.000071	0.000054	-0.000047	-0.000069
54	54	36	Le	-0.000038	-55.283	0.000054	-8.677E-06	0.000023	-0.000084
54	54	4	Le	-0.000035	-38.834	0.000114	0.000054	0.000023	-0.000143
55	55	4	DEAD	-0.000178	-38.048	0.000234	0.000069	-0.000027	-0.000386
55	55	36	DEAD	-0.000111	-33.358	0.000171	0.000084	-0.000027	-0.000256
55	55	2	DEAD	-0.000129	-43.651	0.000249	0.000069	0.000051	-0.000378
55	55	4	Lr	-0.000177	-38.019	0.000231	0.000068	-0.000027	-0.000383
55	55	36	Lr	-0.000109	-33.097	0.000168	0.000083	-0.000027	-0.000251
55	55	2	Lr	-0.000127	-43.766	0.000247	0.000068	0.000052	-0.000374
55	55	4	Le	-0.000079	-38.019	0.000104	0.00003	-0.000012	-0.000171
55	55	36	Le	-0.000049	-33.097	0.000075	0.000037	-0.000012	-0.000112
55	55	2	Le	-0.000057	-43.766	0.000111	0.00003	0.000023	-0.000167
56	56	2	DEAD	-0.000201	-54.386	0.000202	-0.000095	6.576E-06	-0.000298
56	56	36	DEAD	-0.000158	-38.771	0.000195	0.000046	-0.000026	-0.000327
56	56	34	DEAD	-0.000097	-40.373	0.000152	0.000046	6.576E-06	-0.000243
56	56	2	Lr	-0.0002	-54.472	0.000201	-0.000095	7.111E-06	-0.000296
56	56	36	Lr	-0.000156	-38.607	0.000192	0.000046	-0.000027	-0.000323
56	56	34	Lr	-0.000094	-40.359	0.00015	0.000046	7.111E-06	-0.000239
56	56	2	Le	-0.00009	-54.472	0.00009	-0.000042	3.186E-06	-0.000133
56	56	36	Le	-0.00007	-38.607	0.000086	0.000021	-0.000012	-0.000145
56	56	34	Le	-0.000042	-40.359	0.000067	0.000021	3.186E-06	-0.000107
57	57	2	DEAD	-0.000036	-29.722	0.000112	0.000074	1.013E-09	-0.000125
57	57	1	DEAD	-0.000035	-29.584	0.000112	0.000074	1.013E-09	-0.000124
57	57	3	DEAD	-0.000039	-30.387	0.000115	0.000074	4.852E-09	-0.000132
57	57	4	DEAD	-0.000039	-30.515	0.000115	0.000074	4.852E-09	-0.000133
57	57	2	Lr	-0.000036	-29.804	0.000111	0.000073	-2.283E-10	-0.000124
57	57	1	Lr	-0.000036	-29.777	0.000111	0.000073	-2.283E-10	-0.000125
57	57	3	Lr	-0.000039	-30.568	0.000114	0.000073	-1.094E-09	-0.000133
57	57	4	Lr	-0.000039	-30.595	0.000114	0.000073	-1.094E-09	-0.000133
57	57	2	Le	-0.000016	-29.804	0.00005	0.000033	-1.023E-10	-0.000056
57	57	1	Le	-0.000016	-29.777	0.00005	0.000033	-1.023E-10	-0.000056
57	57	3	Le	-0.000018	-30.568	0.000051	0.000033	-4.900E-10	-0.00006
57	57	4	Le	-0.000018	-30.595	0.000051	0.000033	-4.900E-10	-0.000059
58	58	3	DEAD	-0.000046	-31.609	0.000123	0.000076	2.337E-09	-0.00015

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
58	58	5	DEAD	-0.00005	-32.237	0.000127	0.000076	-1.104E-08	-0.000159
58	58	6	DEAD	-0.000051	-32.402	0.000126	0.000075	-1.104E-08	-0.00016
58	58	4	DEAD	-0.000047	-31.783	0.000123	0.000075	2.337E-09	-0.000151
58	58	3	Lr	-0.000046	-31.707	0.000122	0.000075	-3.482E-09	-0.00015
58	58	5	Lr	-0.00005	-32.336	0.000126	0.000075	-1.167E-08	-0.000158
58	58	6	Lr	-0.00005	-32.432	0.000125	0.000074	-1.167E-08	-0.000158
58	58	4	Lr	-0.000046	-31.806	0.000122	0.000074	-3.482E-09	-0.00015
58	58	3	Le	-0.000021	-31.707	0.000055	0.000034	-1.560E-09	-0.000067
58	58	5	Le	-0.000022	-32.336	0.000056	0.000034	-5.230E-09	-0.000071
58	58	6	Le	-0.000023	-32.432	0.000056	0.000033	-5.230E-09	-0.000071
58	58	4	Le	-0.000021	-31.806	0.000054	0.000033	-1.560E-09	-0.000067
59	59	5	DEAD	-0.000016	-12.523	0.000365	0.000308	-1.509E-08	-0.000144
59	59	7	DEAD	-0.000013	-11.348	0.000363	0.000308	-1.708E-08	-0.000129
59	59	8	DEAD	-0.000013	-11.479	0.000362	0.000306	-1.708E-08	-0.00013
59	59	6	DEAD	-0.000016	-12.654	0.000363	0.000306	-1.509E-08	-0.000145
59	59	5	Lr	-0.000016	-12.564	0.000361	0.000304	-1.449E-08	-0.000143
59	59	7	Lr	-0.000013	-11.384	0.000359	0.000304	-1.699E-08	-0.000128
59	59	8	Lr	-0.000013	-11.419	0.000357	0.000303	-1.699E-08	-0.000128
59	59	6	Lr	-0.000016	-12.603	0.000359	0.000303	-1.449E-08	-0.000143
59	59	5	Le	-7.131E-06	-12.564	0.000162	0.000136	-6.493E-09	-0.000064
59	59	7	Le	-5.767E-06	-11.384	0.000161	0.000136	-7.612E-09	-0.000057
59	59	8	Le	-5.778E-06	-11.419	0.00016	0.000136	-7.612E-09	-0.000057
59	59	6	Le	-7.146E-06	-12.603	0.000161	0.000136	-6.493E-09	-0.000064
60	60	7	DEAD	-7.854E-06	-8.944	0.000361	0.000309	-1.822E-08	-0.0001
60	60	9	DEAD	-8.056E-06	-9.052	0.000361	0.000309	-2.055E-08	-0.000101
60	60	10	DEAD	-8.299E-06	-9.207	0.000359	0.000307	-2.055E-08	-0.000102
60	60	8	DEAD	-8.094E-06	-9.098	0.000359	0.000307	-1.822E-08	-0.000101
60	60	7	Lr	-7.877E-06	-9.005	0.000357	0.000305	-1.813E-08	-0.000099
60	60	9	Lr	-8.078E-06	-9.114	0.000357	0.000305	-1.997E-08	-0.0001
60	60	10	Lr	-8.138E-06	-9.171	0.000355	0.000303	-1.997E-08	-0.000101
60	60	8	Lr	-7.937E-06	-9.062	0.000355	0.000303	-1.813E-08	-0.000099
60	60	7	Le	-3.529E-06	-9.005	0.00016	0.000137	-8.125E-09	-0.000044
60	60	9	Le	-3.619E-06	-9.114	0.00016	0.000137	-8.948E-09	-0.000045
60	60	10	Le	-3.646E-06	-9.171	0.000159	0.000136	-8.948E-09	-0.000045
60	60	8	Le	-3.556E-06	-9.062	0.000159	0.000136	-8.125E-09	-0.000044
61	61	10	DEAD	-4.190E-06	-5.48	0.00052	0.000448	-2.496E-08	-0.000087
61	61	9	DEAD	-4.195E-06	-5.47	0.000523	0.000451	-2.496E-08	-0.000087
61	61	11	DEAD	-3.174E-06	-4.752	0.000522	0.000451	-3.931E-08	-0.000075
61	61	12	DEAD	-3.168E-06	-4.758	0.000519	0.000448	-3.931E-08	-0.000075
61	61	10	Lr	-4.073E-06	-5.434	0.000514	0.000443	-2.467E-08	-0.000085
61	61	9	Lr	-4.199E-06	-5.504	0.000517	0.000445	-2.467E-08	-0.000087
61	61	11	Lr	-3.185E-06	-4.786	0.000516	0.000445	-4.066E-08	-0.000075
61	61	12	Lr	-3.073E-06	-4.712	0.000514	0.000443	-4.066E-08	-0.000074
61	61	10	Le	-1.825E-06	-5.434	0.00023	0.000199	-1.106E-08	-0.000038
61	61	9	Le	-1.881E-06	-5.504	0.000232	0.0002	-1.106E-08	-0.000039
61	61	11	Le	-1.427E-06	-4.786	0.000231	0.0002	-1.822E-08	-0.000034
61	61	12	Le	-1.377E-06	-4.712	0.00023	0.000199	-1.822E-08	-0.000033
62	62	12	DEAD	-4.166E-06	-3.412	0.000517	0.000449	-2.556E-06	-0.000054
62	62	11	DEAD	-3.863E-06	-3.068	0.00052	0.000451	-2.556E-06	-0.000049
62	62	13	DEAD	-0.000015	-4.141	0.000515	0.000451	-0.000012	-0.000067
62	62	14	DEAD	-0.000015	-4.481	0.000513	0.000449	-0.000012	-0.000073
62	62	12	Lr	-4.113E-06	-3.407	0.000512	0.000444	-2.527E-06	-0.000053
62	62	11	Lr	-3.839E-06	-3.092	0.000514	0.000446	-2.527E-06	-0.000049

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
62	62	13	Lr	-0.000014	-4.165	0.00051	0.000446	-0.000012	-0.000067
62	62	14	Lr	-0.000015	-4.475	0.000507	0.000444	-0.000012	-0.000072
62	62	12	Le	-1.843E-06	-3.407	0.000229	0.000199	-1.132E-06	-0.000024
62	62	11	Le	-1.720E-06	-3.092	0.00023	0.0002	-1.132E-06	-0.000022
62	62	13	Le	-6.441E-06	-4.165	0.000228	0.0002	-5.348E-06	-0.00003
62	62	14	Le	-6.606E-06	-4.475	0.000227	0.000199	-5.348E-06	-0.000032
63	63	14	DEAD	-0.000013	-2.788	0.000572	0.000501	-0.000012	-0.00005
63	63	13	DEAD	-0.000014	-3.012	0.000575	0.000503	-0.000012	-0.000054
63	63	15	DEAD	-2.907E-06	-1.496	0.00058	0.000503	-2.562E-06	-0.000026
63	63	16	DEAD	-2.805E-06	-1.258	0.000577	0.000501	-2.562E-06	-0.000022
63	63	14	Lr	-0.000013	-2.764	0.000566	0.000495	-0.000012	-0.000049
63	63	13	Lr	-0.000013	-3.016	0.000569	0.000498	-0.000012	-0.000054
63	63	15	Lr	-2.872E-06	-1.5	0.000573	0.000498	-2.528E-06	-0.000026
63	63	16	Lr	-2.760E-06	-1.234	0.00057	0.000495	-2.528E-06	-0.000021
63	63	14	Le	-5.879E-06	-2.764	0.000253	0.000222	-5.348E-06	-0.000022
63	63	13	Le	-5.983E-06	-3.016	0.000255	0.000223	-5.348E-06	-0.000024
63	63	15	Le	-1.287E-06	-1.5	0.000257	0.000223	-1.133E-06	-0.000012
63	63	16	Le	-1.236E-06	-1.234	0.000256	0.000222	-1.133E-06	-9.615E-06
64	64	15	DEAD	-5.234E-08	0.204	0.000581	0.000503	-4.594E-08	3.588E-06
64	64	17	DEAD	-1.324E-07	0.81	0.000581	0.000503	-3.180E-08	0.000014
64	64	18	DEAD	-9.614E-08	0.649	0.000578	0.000501	-3.180E-08	0.000011
64	64	16	DEAD	-4.619E-08	0.04	0.000578	0.000501	-4.594E-08	7.059E-07
64	64	15	Lr	-4.762E-08	0.161	0.000575	0.000498	-4.367E-08	2.803E-06
64	64	17	Lr	-1.207E-07	0.768	0.000575	0.000498	-3.130E-08	0.000013
64	64	18	Lr	-1.016E-07	0.682	0.000572	0.000495	-3.130E-08	0.000012
64	64	16	Lr	-4.448E-08	0.073	0.000572	0.000495	-4.367E-08	1.261E-06
64	64	15	Le	-2.134E-08	0.161	0.000257	0.000223	-1.957E-08	1.256E-06
64	64	17	Le	-5.407E-08	0.768	0.000257	0.000223	-1.402E-08	5.977E-06
64	64	18	Le	-4.550E-08	0.682	0.000256	0.000222	-1.402E-08	5.286E-06
64	64	16	Le	-1.993E-08	0.073	0.000256	0.000222	-1.957E-08	5.648E-07
65	65	18	DEAD	-8.753E-07	2.446	0.000536	0.000464	-2.791E-08	0.00004
65	65	17	DEAD	-9.126E-07	2.492	0.000539	0.000466	-2.791E-08	0.000041
65	65	19	DEAD	-1.078E-06	2.715	0.000539	0.000466	-2.731E-08	0.000044
65	65	20	DEAD	-1.038E-06	2.67	0.000536	0.000464	-2.731E-08	0.000043
65	65	18	Lr	-8.979E-07	2.492	0.00053	0.000458	-2.783E-08	0.00004
65	65	17	Lr	-8.848E-07	2.467	0.000532	0.000461	-2.783E-08	0.00004
65	65	19	Lr	-1.047E-06	2.69	0.000533	0.000461	-2.702E-08	0.000043
65	65	20	Lr	-1.061E-06	2.716	0.00053	0.000458	-2.702E-08	0.000044
65	65	18	Le	-4.023E-07	2.492	0.000237	0.000205	-1.247E-08	0.000018
65	65	17	Le	-3.965E-07	2.467	0.000239	0.000206	-1.247E-08	0.000018
65	65	19	Le	-4.689E-07	2.69	0.000239	0.000206	-1.210E-08	0.000019
65	65	20	Le	-4.755E-07	2.716	0.000237	0.000205	-1.210E-08	0.00002
66	66	19	DEAD	-2.080E-06	3.791	0.000539	0.000466	-2.729E-08	0.000062
66	66	21	DEAD	-3.036E-06	4.581	0.000539	0.000466	-2.782E-08	0.000075
66	66	22	DEAD	-2.948E-06	4.524	0.000537	0.000463	-2.782E-08	0.000074
66	66	20	DEAD	-2.005E-06	3.73	0.000536	0.000463	-2.729E-08	0.000061
66	66	19	Lr	-2.014E-06	3.751	0.000533	0.00046	-2.697E-08	0.000061
66	66	21	Lr	-2.954E-06	4.544	0.000533	0.00046	-2.761E-08	0.000074
66	66	22	Lr	-2.960E-06	4.56	0.000531	0.000458	-2.761E-08	0.000074
66	66	20	Lr	-2.018E-06	3.763	0.00053	0.000458	-2.697E-08	0.000061
66	66	19	Le	-9.025E-07	3.751	0.000239	0.000206	-1.208E-08	0.000027
66	66	21	Le	-1.324E-06	4.544	0.000239	0.000206	-1.237E-08	0.000033
66	66	22	Le	-1.326E-06	4.56	0.000238	0.000205	-1.237E-08	0.000033

Table: Element Strains - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	EMinTop	EAngleTop	EVMTop	E11Bot	E22Bot	G12Bot
					Degrees				
66	66	20	Le	-9.040E-07	3.763	0.000238	0.000205	-1.208E-08	0.000027
67	67	21	DEAD	-7.981E-06	8.615	0.000396	0.000339	-2.658E-08	0.000105
67	67	23	DEAD	-7.612E-06	8.423	0.000395	0.000339	-2.136E-08	0.000103
67	67	24	DEAD	-7.475E-06	8.37	0.000393	0.000337	-2.136E-08	0.000101
67	67	22	DEAD	-7.842E-06	8.563	0.000394	0.000337	-2.658E-08	0.000104
67	67	21	Lr	-7.853E-06	8.596	0.000391	0.000335	-2.614E-08	0.000104
67	67	23	Lr	-7.494E-06	8.408	0.000391	0.000335	-1.995E-08	0.000101
67	67	24	Lr	-7.520E-06	8.443	0.000389	0.000333	-1.995E-08	0.000101
67	67	22	Lr	-7.880E-06	8.632	0.000389	0.000333	-2.614E-08	0.000103
67	67	21	Le	-3.518E-06	8.596	0.000175	0.00015	-1.171E-08	0.000046
67	67	23	Le	-3.358E-06	8.408	0.000175	0.00015	-8.937E-09	0.000045
67	67	24	Le	-3.369E-06	8.443	0.000174	0.000149	-8.937E-09	0.000045
67	67	22	Le	-3.531E-06	8.632	0.000174	0.000149	-1.171E-08	0.000046
68	68	23	DEAD	-9.193E-06	9.236	0.000395	0.000338	-1.782E-08	0.000113
68	68	25	DEAD	-9.693E-06	9.477	0.000396	0.000338	-9.661E-09	0.000116
68	68	27	DEAD	-9.478E-06	9.396	0.000394	0.000336	-9.661E-09	0.000114
68	68	24	DEAD	-8.984E-06	9.153	0.000394	0.000336	-1.782E-08	0.000111
68	68	23	Lr	-8.994E-06	9.191	0.000391	0.000334	-1.647E-08	0.000111
68	68	25	Lr	-9.482E-06	9.43	0.000391	0.000334	-9.509E-09	0.000114
68	68	27	Lr	-9.528E-06	9.472	0.000389	0.000332	-9.509E-09	0.000114
68	68	24	Lr	-9.038E-06	9.232	0.000389	0.000332	-1.647E-08	0.000111
68	68	23	Le	-4.030E-06	9.191	0.000175	0.00015	-7.381E-09	0.00005
68	68	25	Le	-4.249E-06	9.43	0.000175	0.00015	-4.260E-09	0.000051
68	68	27	Le	-4.269E-06	9.472	0.000175	0.000149	-4.260E-09	0.000051
68	68	24	Le	-4.049E-06	9.232	0.000174	0.000149	-7.381E-09	0.00005
69	69	25	DEAD	-0.000037	25.898	0.000165	0.000121	-7.863E-09	0.000154
69	69	29	DEAD	-0.000037	25.906	0.000165	0.000121	-9.211E-09	0.000154
69	69	30	DEAD	-0.000037	25.832	0.000164	0.00012	-9.211E-09	0.000152
69	69	27	DEAD	-0.000037	25.825	0.000164	0.00012	-7.863E-09	0.000152
69	69	25	Lr	-0.000037	25.878	0.000163	0.000119	-7.771E-09	0.000152
69	69	29	Lr	-0.000037	25.89	0.000163	0.000119	-8.149E-09	0.000152
69	69	30	Lr	-0.000037	25.952	0.000163	0.000119	-8.149E-09	0.000152
69	69	27	Lr	-0.000037	25.94	0.000163	0.000119	-7.771E-09	0.000152
69	69	25	Le	-0.000016	25.878	0.000073	0.000054	-3.482E-09	0.000068
69	69	29	Le	-0.000016	25.89	0.000073	0.000054	-3.651E-09	0.000068
69	69	30	Le	-0.000017	25.952	0.000073	0.000053	-3.651E-09	0.000068
69	69	27	Le	-0.000017	25.94	0.000073	0.000053	-3.482E-09	0.000068
70	70	29	DEAD	-0.000038	26.241	0.000165	0.00012	-7.542E-09	0.000156
70	70	31	DEAD	-0.000033	25.028	0.000161	0.00012	1.349E-10	0.000143
70	70	32	DEAD	-0.000033	24.898	0.00016	0.000119	1.349E-10	0.000141
70	70	30	DEAD	-0.000038	26.124	0.000164	0.000119	-7.542E-09	0.000154
70	70	29	Lr	-0.000039	26.429	0.000163	0.000118	-7.313E-09	0.000156
70	70	31	Lr	-0.000033	25.162	0.000159	0.000118	-3.764E-09	0.000142
70	70	32	Lr	-0.000033	25.167	0.000159	0.000118	-3.764E-09	0.000142
70	70	30	Lr	-0.000039	26.435	0.000163	0.000118	-7.313E-09	0.000156
70	70	29	Le	-0.000017	26.429	0.000073	0.000053	-3.276E-09	0.00007
70	70	31	Le	-0.000015	25.162	0.000071	0.000053	-1.687E-09	0.000064
70	70	32	Le	-0.000015	25.167	0.000071	0.000053	-1.687E-09	0.000064
70	70	30	Le	-0.000017	26.435	0.000073	0.000053	-3.276E-09	0.00007

Table: Element Strains - Area Shells, Part 3 of 3

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
1	1	33	DEAD	0.00015	-0.000098	40.404	0.000152
1	1	35	DEAD	0.000178	-0.000158	38.816	0.000195
1	1	1	DEAD	0.000114	-0.000201	54.327	0.000202
1	1	33	Lr	0.000148	-0.000095	40.395	0.00015
1	1	35	Lr	0.000175	-0.000157	38.636	0.000193
1	1	1	Lr	0.000113	-0.000201	54.414	0.000201
1	1	33	Le	0.000066	-0.000043	40.395	0.000067
1	1	35	Le	0.000079	-0.00007	38.636	0.000086
1	1	1	Le	0.000051	-0.00009	54.414	0.00009
2	2	1	DEAD	0.00025	-0.000129	43.617	0.00025
2	2	35	DEAD	0.000169	-0.000112	33.449	0.000172
2	2	3	DEAD	0.000221	-0.000178	38.053	0.000234
2	2	1	Lr	0.000248	-0.000128	43.744	0.000248
2	2	35	Lr	0.000166	-0.000109	33.171	0.000168
2	2	3	Lr	0.000218	-0.000177	38.02	0.000232
2	2	1	Le	0.000111	-0.000057	43.744	0.000111
2	2	35	Le	0.000074	-0.000049	33.171	0.000075
2	2	3	Le	0.000098	-0.000079	38.02	0.000104
3	3	3	DEAD	0.000252	-0.000078	38.558	0.000258
3	3	35	DEAD	0.000117	-0.000087	55.056	0.000122
3	3	5	DEAD	0.000147	-0.000126	16.984	0.000159
3	3	3	Lr	0.00025	-0.000077	38.727	0.000256
3	3	35	Lr	0.000116	-0.000084	55.264	0.000119
3	3	5	Lr	0.000145	-0.000128	17.034	0.000159
3	3	3	Le	0.000112	-0.000034	38.727	0.000115
3	3	35	Le	0.000052	-0.000037	55.264	0.000054
3	3	5	Le	0.000065	-0.000057	17.034	0.000071
4	4	5	DEAD	0.000206	-0.000248	45.784	0.000265
4	4	35	DEAD	0.00025	-0.000568	54.369	0.000569
4	4	37	DEAD	0.000118	-0.000423	60.329	0.000436
4	4	5	Lr	0.000204	-0.000244	45.659	0.000262
4	4	35	Lr	0.000248	-0.000563	54.344	0.000565
4	4	37	Lr	0.000116	-0.000418	60.36	0.000432
4	4	5	Le	0.000092	-0.000109	45.659	0.000117
4	4	35	Le	0.000111	-0.000252	54.344	0.000253
4	4	37	Le	0.000052	-0.000187	60.36	0.000193
5	5	5	DEAD	0.00002	-0.000075	47.779	0.000077
5	5	37	DEAD	-0.000013	-0.000299	79.239	0.000353
5	5	39	DEAD	0.000021	-0.00032	-72.361	0.000358
5	5	5	Lr	0.000019	-0.000074	47.692	0.000077
5	5	37	Lr	-0.000014	-0.000295	79.25	0.000349
5	5	39	Lr	0.000021	-0.000316	-72.346	0.000354
5	5	5	Le	8.302E-06	-0.000033	47.692	0.000034
5	5	37	Le	-6.077E-06	-0.000132	79.25	0.000156
5	5	39	Le	9.271E-06	-0.000142	-72.346	0.000158
6	6	39	DEAD	0.000322	-0.000199	37.822	0.000325
6	6	7	DEAD	0.000524	-0.000128	25.956	0.000547
6	6	5	DEAD	0.000665	-0.000258	32.436	0.00067
6	6	39	Lr	0.000318	-0.000197	37.799	0.000321
6	6	7	Lr	0.000518	-0.000127	25.937	0.00054
6	6	5	Lr	0.000657	-0.000255	32.434	0.000663
6	6	39	Le	0.000142	-0.000088	37.799	0.000144

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
6	6	7	Le	0.000232	-0.000057	25.937	0.000242
6	6	5	Le	0.000294	-0.000114	32.434	0.000297
7	7	39	DEAD	0.000069	1.064E-06	-11.482	0.00008
7	7	9	DEAD	0.000524	-0.000101	-22.773	0.000556
7	7	7	DEAD	0.000431	3.575E-06	-1.161	0.000499
7	7	39	Lr	0.000068	9.219E-07	-11.439	0.000079
7	7	9	Lr	0.000518	-0.0001	-22.743	0.000549
7	7	7	Lr	0.000426	3.397E-06	-1.136	0.000493
7	7	39	Le	0.00003	4.131E-07	-11.439	0.000035
7	7	9	Le	0.000232	-0.000045	-22.743	0.000246
7	7	7	Le	0.000191	1.522E-06	-1.136	0.000221
8	8	39	DEAD	0.000278	-0.000806	58.667	0.000818
8	8	41	DEAD	0.000095	-0.000628	66.487	0.000677
8	8	9	DEAD	0.000192	-0.000356	51.557	0.000356
8	8	39	Lr	0.000275	-0.000797	58.654	0.00081
8	8	41	Lr	0.000094	-0.000621	66.461	0.000669
8	8	9	Lr	0.000189	-0.000352	51.52	0.000352
8	8	39	Le	0.000123	-0.000357	58.654	0.000363
8	8	41	Le	0.000042	-0.000278	66.461	0.0003
8	8	9	Le	0.000085	-0.000158	51.52	0.000158
9	9	9	DEAD	0.00003	-0.000145	-58.954	0.000153
9	9	41	DEAD	-4.959E-06	-0.000548	-81.507	0.000636
9	9	43	DEAD	0.000145	-0.000703	-63.694	0.000742
9	9	9	Lr	0.000029	-0.000144	-58.878	0.000152
9	9	41	Lr	-5.240E-06	-0.000542	-81.478	0.000629
9	9	43	Lr	0.000143	-0.000695	-63.668	0.000734
9	9	9	Le	0.000013	-0.000064	-58.878	0.000068
9	9	41	Le	-2.348E-06	-0.000243	-81.478	0.000282
9	9	43	Le	0.000064	-0.000311	-63.668	0.000329
10	10	43	DEAD	0.000342	-0.000185	36.116	0.000342
10	10	11	DEAD	0.00069	-0.000095	20.11	0.000748
10	10	9	DEAD	0.000892	-0.00029	29.942	0.00091
10	10	43	Lr	0.000338	-0.000183	36.091	0.000338
10	10	11	Lr	0.000682	-0.000094	20.098	0.000739
10	10	9	Lr	0.000882	-0.000287	29.94	0.000899
10	10	43	Le	0.000151	-0.000082	36.091	0.000151
10	10	11	Le	0.000306	-0.000042	20.098	0.000331
10	10	9	Le	0.000395	-0.000129	29.94	0.000403
11	11	43	DEAD	0.000209	-0.000076	-31.648	0.000212
11	11	13	DEAD	0.000816	-0.000207	-26.484	0.000848
11	11	11	DEAD	0.000637	-0.000022	-11.136	0.000723
11	11	43	Lr	0.000207	-0.000076	-31.621	0.000209
11	11	13	Lr	0.000806	-0.000205	-26.466	0.000838
11	11	11	Lr	0.000629	-0.000022	-11.123	0.000714
11	11	43	Le	0.000093	-0.000034	-31.621	0.000094
11	11	13	Le	0.000361	-0.000092	-26.466	0.000375
11	11	11	Le	0.000282	-9.978E-06	-11.123	0.00032
12	12	13	DEAD	0.000164	-0.000345	53.256	0.000345
12	12	43	DEAD	0.000283	-0.000952	60.345	0.000978
12	12	45	DEAD	0.000066	-0.000733	71.119	0.000812
12	12	13	Lr	0.000162	-0.000341	53.223	0.000342
12	12	43	Lr	0.00028	-0.000942	60.329	0.000967
12	12	45	Lr	0.000065	-0.000725	71.097	0.000803

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
12	12	13	Le	0.000073	-0.000153	53.223	0.000153
12	12	43	Le	0.000125	-0.000422	60.329	0.000433
12	12	45	Le	0.000029	-0.000325	71.097	0.00036
13	13	13	DEAD	0.000105	-0.00027	-54.925	0.000272
13	13	45	DEAD	0.000026	-0.000703	-75.613	0.000798
13	13	47	DEAD	0.000237	-0.000913	-61.944	0.000947
13	13	13	Lr	0.000104	-0.000267	-54.876	0.000269
13	13	45	Lr	0.000026	-0.000696	-75.586	0.000789
13	13	47	Lr	0.000234	-0.000903	-61.929	0.000937
13	13	13	Le	0.000046	-0.00012	-54.876	0.000121
13	13	45	Le	0.000011	-0.000312	-75.586	0.000354
13	13	47	Le	0.000105	-0.000404	-61.929	0.00042
14	14	47	DEAD	0.000308	-0.000148	34.645	0.000308
14	14	15	DEAD	0.000738	-0.000063	16.178	0.000818
14	14	13	DEAD	0.000956	-0.000279	28.452	0.000983
14	14	47	Lr	0.000304	-0.000146	34.621	0.000304
14	14	15	Lr	0.000729	-0.000062	16.158	0.000809
14	14	13	Lr	0.000945	-0.000276	28.449	0.000972
14	14	47	Le	0.000136	-0.000066	34.621	0.000136
14	14	15	Le	0.000327	-0.000028	16.158	0.000362
14	14	13	Le	0.000423	-0.000123	28.449	0.000435
15	15	15	DEAD	0.000733	-0.000056	-15.605	0.000815
15	15	47	DEAD	0.000301	-0.00014	-34.359	0.000301
15	15	17	DEAD	0.000947	-0.000273	-28.143	0.000975
15	15	15	Lr	0.000724	-0.000056	-15.596	0.000806
15	15	47	Lr	0.000298	-0.000138	-34.348	0.000298
15	15	17	Lr	0.000936	-0.00027	-28.131	0.000964
15	15	15	Le	0.000325	-0.000025	-15.596	0.000361
15	15	47	Le	0.000133	-0.000062	-34.348	0.000134
15	15	17	Le	0.000419	-0.000121	-28.131	0.000432
16	16	17	DEAD	0.000115	-0.000284	54.679	0.000286
16	16	47	DEAD	0.000247	-0.000933	61.683	0.000967
16	16	49	DEAD	0.000033	-0.000718	74.912	0.000811
16	16	17	Lr	0.000114	-0.000282	54.629	0.000283
16	16	47	Lr	0.000244	-0.000922	61.673	0.000956
16	16	49	Lr	0.000032	-0.00071	74.892	0.000802
16	16	17	Le	0.000051	-0.000126	54.629	0.000127
16	16	47	Le	0.000109	-0.000413	61.673	0.000428
16	16	49	Le	0.000014	-0.000318	74.892	0.000359
17	17	49	DEAD	0.00006	-0.00074	-71.756	0.000822
17	17	51	DEAD	0.000281	-0.00096	-60.6	0.000987
17	17	17	DEAD	0.000158	-0.000339	-53.438	0.000339
17	17	49	Lr	0.000059	-0.000731	-71.731	0.000813
17	17	51	Lr	0.000277	-0.00095	-60.581	0.000977
17	17	17	Lr	0.000156	-0.000336	-53.41	0.000336
17	17	49	Le	0.000026	-0.000328	-71.731	0.000364
17	17	51	Le	0.000124	-0.000426	-60.581	0.000438
17	17	17	Le	0.00007	-0.00015	-53.41	0.00015
18	18	19	DEAD	0.000662	-0.000028	12.004	0.000748
18	18	17	DEAD	0.00085	-0.000221	26.838	0.000882
18	18	51	DEAD	0.000226	-0.000088	32.328	0.000228
18	18	19	Lr	0.000654	-0.000028	11.988	0.000739
18	18	17	Lr	0.00084	-0.000219	26.833	0.000872

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
18	18	51	Lr	0.000224	-0.000087	32.28	0.000225
18	18	19	Le	0.000293	-0.000013	11.988	0.000331
18	18	17	Le	0.000377	-0.000098	26.833	0.000391
18	18	51	Le	0.0001	-0.000039	32.28	0.000101
19	19	51	DEAD	0.00034	-0.00018	-35.884	0.00034
19	19	21	DEAD	0.000914	-0.000292	-29.646	0.000933
19	19	19	DEAD	0.000706	-0.000089	-19.391	0.000769
19	19	51	Lr	0.000336	-0.000178	-35.874	0.000336
19	19	21	Lr	0.000903	-0.000289	-29.633	0.000922
19	19	19	Lr	0.000698	-0.000088	-19.381	0.00076
19	19	51	Le	0.000151	-0.00008	-35.874	0.000151
19	19	21	Le	0.000405	-0.000129	-29.633	0.000413
19	19	19	Le	0.000313	-0.00004	-19.381	0.000341
20	20	51	DEAD	0.000164	-0.000749	63.321	0.000787
20	20	53	DEAD	-4.980E-07	-0.000582	80.165	0.000672
20	20	21	DEAD	0.000044	-0.00017	57.66	0.000177
20	20	51	Lr	0.000162	-0.00074	63.307	0.000779
20	20	53	Lr	-9.908E-07	-0.000575	80.144	0.000665
20	20	21	Lr	0.000043	-0.000168	57.563	0.000175
20	20	51	Le	0.000072	-0.000332	63.307	0.000349
20	20	53	Le	-4.439E-07	-0.000258	80.144	0.000298
20	20	21	Le	0.000019	-0.000075	57.563	0.000078
21	21	21	DEAD	0.000189	-0.000358	-51.907	0.000358
21	21	53	DEAD	0.00009	-0.000654	-67.404	0.000708
21	21	55	DEAD	0.000281	-0.000842	-59.002	0.000857
21	21	21	Lr	0.000186	-0.000354	-51.882	0.000354
21	21	53	Lr	0.000089	-0.000646	-67.377	0.000701
21	21	55	Lr	0.000278	-0.000832	-58.981	0.000848
21	21	21	Le	0.000083	-0.000159	-51.882	0.000159
21	21	53	Le	0.00004	-0.00029	-67.377	0.000314
21	21	55	Le	0.000125	-0.000373	-58.981	0.00038
22	22	55	DEAD	0.000092	-0.00001	21.034	0.000101
22	22	23	DEAD	0.000471	1.055E-06	3.742	0.000544
22	22	21	DEAD	0.000583	-0.00012	23.791	0.000616
22	22	55	Lr	0.000091	-0.00001	20.863	0.0001
22	22	23	Lr	0.000465	6.875E-07	3.724	0.000538
22	22	21	Lr	0.000577	-0.000119	23.783	0.000609
22	22	55	Le	0.000041	-4.574E-06	20.863	0.000045
22	22	23	Le	0.000209	3.080E-07	3.724	0.000241
22	22	21	Le	0.000258	-0.000053	23.783	0.000273
23	23	55	DEAD	0.00033	-0.000198	-37.468	0.000332
23	23	25	DEAD	0.000712	-0.000266	-31.838	0.00072
23	23	23	DEAD	0.000559	-0.000122	-24.725	0.000588
23	23	55	Lr	0.000326	-0.000196	-37.458	0.000328
23	23	25	Lr	0.000704	-0.000264	-31.823	0.000711
23	23	23	Lr	0.000553	-0.000121	-24.715	0.000581
23	23	55	Le	0.000146	-0.000088	-37.458	0.000147
23	23	25	Le	0.000315	-0.000118	-31.823	0.000319
23	23	23	Le	0.000248	-0.000054	-24.715	0.00026
24	24	55	DEAD	0.000038	-0.000401	68.406	0.000443
24	24	57	DEAD	-0.000015	-0.000344	-85.132	0.000406
24	24	25	DEAD	3.799E-06	-0.00006	-55.105	0.000067
24	24	55	Lr	0.000037	-0.000396	68.385	0.000438

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
24	24	57	Lr	-0.000015	-0.00034	-85.139	0.000401
24	24	25	Lr	3.140E-06	-0.000059	-54.92	0.000066
24	24	55	Le	0.000017	-0.000178	68.385	0.000196
24	24	57	Le	-6.740E-06	-0.000152	-85.139	0.00018
24	24	25	Le	1.407E-06	-0.000026	-54.92	0.00003
25	25	25	DEAD	0.000199	-0.000312	-49.052	0.000316
25	25	57	DEAD	0.000124	-0.000458	-60.167	0.000473
25	25	59	DEAD	0.000245	-0.000574	-55.68	0.000576
25	25	25	Lr	0.000197	-0.000308	-49.024	0.000312
25	25	57	Lr	0.000122	-0.000453	-60.141	0.000468
25	25	59	Lr	0.000242	-0.000568	-55.65	0.00057
25	25	25	Le	0.000088	-0.000138	-49.024	0.00014
25	25	57	Le	0.000055	-0.000203	-60.141	0.00021
25	25	59	Le	0.000108	-0.000254	-55.65	0.000255
26	26	59	DEAD	0.000104	-0.000101	-48.148	0.000118
26	26	29	DEAD	0.000247	-0.000048	-27.033	0.000262
26	26	25	DEAD	0.000186	-0.000028	-1.165	0.000201
26	26	59	Lr	0.000103	-0.0001	-48.096	0.000117
26	26	29	Lr	0.000244	-0.000047	-27.02	0.000259
26	26	25	Lr	0.000184	-0.000028	-1.196	0.000198
26	26	59	Le	0.000046	-0.000045	-48.096	0.000052
26	26	29	Le	0.000109	-0.000021	-27.02	0.000116
26	26	25	Le	0.000082	-0.000012	-1.196	0.000089
27	27	59	DEAD	0.000275	-0.000157	-35.432	0.000276
27	27	31	DEAD	0.000288	-0.000151	-38.95	0.000288
27	27	29	DEAD	0.000282	-0.00018	-37.055	0.000285
27	27	59	Lr	0.000276	-0.000155	-35.205	0.000276
27	27	31	Lr	0.000281	-0.000148	-38.997	0.000281
27	27	29	Lr	0.000278	-0.000179	-37.186	0.000282
27	27	59	Le	0.000123	-0.00007	-35.205	0.000124
27	27	31	Le	0.000126	-0.000066	-38.997	0.000126
27	27	29	Le	0.000125	-0.00008	-37.186	0.000126
28	28	59	DEAD	-0.000083	-0.000208	-7.751	0.0003
28	28	61	DEAD	0.00017	-0.000164	-61.013	0.000193
28	28	31	DEAD	0.000424	-0.000165	-41.328	0.000427
28	28	59	Lr	-0.000087	-0.000214	-5.033	0.000309
28	28	61	Lr	0.00017	-0.000162	-61.657	0.000192
28	28	31	Lr	0.00043	-0.000164	-41.348	0.000434
28	28	59	Le	-0.000039	-0.000096	-5.033	0.000139
28	28	61	Le	0.000076	-0.000073	-61.657	0.000086
28	28	31	Le	0.000193	-0.000073	-41.348	0.000194
29	29	32	DEAD	0.000423	-0.000165	41.314	0.000427
29	29	62	DEAD	0.00017	-0.000164	60.974	0.000193
29	29	60	DEAD	-0.000083	-0.000208	7.884	0.000299
29	29	32	Lr	0.00043	-0.000164	41.345	0.000434
29	29	62	Lr	0.00017	-0.000163	61.636	0.000192
29	29	60	Lr	-0.000086	-0.000214	5.11	0.000309
29	29	32	Le	0.000193	-0.000074	41.345	0.000194
29	29	62	Le	0.000076	-0.000073	61.636	0.000086
29	29	60	Le	-0.000039	-0.000096	5.11	0.000138
30	30	60	DEAD	0.000276	-0.000157	35.502	0.000277
30	30	30	DEAD	0.000282	-0.000179	37.1	0.000286
30	30	32	DEAD	0.000288	-0.000151	38.959	0.000288

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
30	30	60	Lr	0.000276	-0.000155	35.258	0.000276
30	30	30	Lr	0.000278	-0.000179	37.223	0.000282
30	30	32	Lr	0.000281	-0.000148	39.032	0.000281
30	30	60	Le	0.000124	-0.00007	35.258	0.000124
30	30	30	Le	0.000125	-0.00008	37.223	0.000126
30	30	32	Le	0.000126	-0.000066	39.032	0.000126
31	31	30	DEAD	0.000108	-0.000187	55.459	0.000187
31	31	60	DEAD	0.000053	-0.000353	71.781	0.000381
31	31	58	DEAD	-0.000027	-0.000314	-88.07	0.000378
31	31	30	Lr	0.000107	-0.000185	55.413	0.000186
31	31	60	Lr	0.000052	-0.000349	71.762	0.000376
31	31	58	Lr	-0.000027	-0.00031	-88.077	0.000374
31	31	30	Le	0.000048	-0.000083	55.413	0.000083
31	31	60	Le	0.000023	-0.000156	71.762	0.000169
31	31	58	Le	-0.000012	-0.000139	-88.077	0.000168
32	32	58	DEAD	0.000233	-0.000262	44.427	0.000287
32	32	27	DEAD	0.000352	-0.000186	33.811	0.000352
32	32	30	DEAD	0.000462	-0.000293	37.266	0.000467
32	32	58	Lr	0.000229	-0.000259	44.393	0.000284
32	32	27	Lr	0.000348	-0.000185	33.784	0.000348
32	32	30	Lr	0.000457	-0.00029	37.261	0.000462
32	32	58	Le	0.000103	-0.000116	44.393	0.000127
32	32	27	Le	0.000156	-0.000083	33.784	0.000156
32	32	30	Le	0.000205	-0.00013	37.261	0.000207
33	33	27	DEAD	2.762E-06	-0.00006	55.465	0.000067
33	33	58	DEAD	-0.000015	-0.000343	85.158	0.000405
33	33	56	DEAD	0.000038	-0.0004	-68.456	0.000441
33	33	27	Lr	2.450E-06	-0.000059	55.33	0.000067
33	33	58	Lr	-0.000015	-0.000339	85.188	0.0004
33	33	56	Lr	0.000037	-0.000395	-68.404	0.000436
33	33	27	Le	1.098E-06	-0.000026	55.33	0.00003
33	33	58	Le	-6.802E-06	-0.000152	85.188	0.000179
33	33	56	Le	0.000017	-0.000177	-68.404	0.000196
34	34	56	DEAD	0.000328	-0.000198	37.519	0.00033
34	34	24	DEAD	0.000556	-0.000121	24.743	0.000585
34	34	27	DEAD	0.000708	-0.000265	31.841	0.000716
34	34	56	Lr	0.000324	-0.000195	37.49	0.000326
34	34	24	Lr	0.00055	-0.00012	24.733	0.000578
34	34	27	Lr	0.0007	-0.000262	31.839	0.000707
34	34	56	Le	0.000145	-0.000088	37.49	0.000146
34	34	24	Le	0.000246	-0.000054	24.733	0.000259
34	34	27	Le	0.000314	-0.000118	31.839	0.000317
35	35	24	DEAD	0.000468	9.485E-07	-3.664	0.000541
35	35	56	DEAD	0.00009	-9.795E-06	-20.821	0.000099
35	35	22	DEAD	0.00058	-0.000119	-23.803	0.000612
35	35	24	Lr	0.000462	8.122E-07	-3.638	0.000534
35	35	56	Lr	0.000089	-9.778E-06	-20.765	0.000098
35	35	22	Lr	0.000573	-0.000118	-23.776	0.000605
35	35	24	Le	0.000207	3.639E-07	-3.638	0.000239
35	35	56	Le	0.00004	-4.381E-06	-20.765	0.000044
35	35	22	Le	0.000257	-0.000053	-23.776	0.000271
36	36	22	DEAD	0.000188	-0.000357	51.948	0.000357
36	36	56	DEAD	0.00028	-0.00084	58.997	0.000855

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
36	36	54	DEAD	0.000091	-0.000652	67.392	0.000707
36	36	22	Lr	0.000186	-0.000354	51.911	0.000354
36	36	56	Lr	0.000277	-0.00083	58.983	0.000845
36	36	54	Lr	0.000089	-0.000645	67.365	0.000699
36	36	22	Le	0.000083	-0.000158	51.911	0.000159
36	36	56	Le	0.000124	-0.000372	58.983	0.000379
36	36	54	Le	0.00004	-0.000289	67.365	0.000313
37	37	54	DEAD	-6.114E-07	-0.00058	-80.137	0.000671
37	37	52	DEAD	0.000163	-0.000747	-63.34	0.000785
37	37	22	DEAD	0.000044	-0.000171	-57.695	0.000177
37	37	54	Lr	-9.420E-07	-0.000574	-80.111	0.000663
37	37	52	Lr	0.000161	-0.000738	-63.317	0.000776
37	37	22	Lr	0.000043	-0.000169	-57.633	0.000176
37	37	54	Le	-4.220E-07	-0.000257	-80.111	0.000297
37	37	52	Le	0.000072	-0.000331	-63.317	0.000348
37	37	22	Le	0.000019	-0.000076	-57.633	0.000079
38	38	22	DEAD	0.000908	-0.00029	29.649	0.000927
38	38	52	DEAD	0.000338	-0.000179	35.943	0.000338
38	38	20	DEAD	0.000702	-0.000088	19.39	0.000764
38	38	22	Lr	0.000897	-0.000287	29.647	0.000917
38	38	52	Lr	0.000333	-0.000177	35.918	0.000334
38	38	20	Lr	0.000694	-0.000088	19.379	0.000755
38	38	22	Le	0.000402	-0.000129	29.647	0.000411
38	38	52	Le	0.000149	-0.000079	35.918	0.000149
38	38	20	Le	0.000311	-0.000039	19.379	0.000338
39	39	20	DEAD	0.000657	-0.000028	-11.968	0.000743
39	39	52	DEAD	0.000224	-0.000088	-32.346	0.000225
39	39	18	DEAD	0.000844	-0.00022	-26.851	0.000876
39	39	20	Lr	0.000649	-0.000028	-11.951	0.000734
39	39	52	Lr	0.000221	-0.000087	-32.327	0.000223
39	39	18	Lr	0.000834	-0.000217	-26.834	0.000866
39	39	20	Le	0.000291	-0.000012	-11.951	0.000329
39	39	52	Le	0.000099	-0.000039	-32.327	0.0001
39	39	18	Le	0.000374	-0.000097	-26.834	0.000388
40	40	18	DEAD	0.000157	-0.000339	53.499	0.000339
40	40	52	DEAD	0.00028	-0.000958	60.591	0.000985
40	40	50	DEAD	0.00006	-0.000738	71.735	0.000819
40	40	18	Lr	0.000156	-0.000335	53.457	0.000336
40	40	52	Lr	0.000276	-0.000947	60.579	0.000974
40	40	50	Lr	0.000059	-0.00073	71.712	0.000811
40	40	18	Le	0.00007	-0.00015	53.457	0.00015
40	40	52	Le	0.000124	-0.000424	60.579	0.000436
40	40	50	Le	0.000026	-0.000327	71.712	0.000363
41	41	50	DEAD	0.000032	-0.000716	-74.881	0.000809
41	41	48	DEAD	0.000246	-0.00093	-61.704	0.000963
41	41	18	DEAD	0.000115	-0.000285	-54.709	0.000287
41	41	50	Lr	0.000032	-0.000708	-74.86	0.0008
41	41	48	Lr	0.000243	-0.000919	-61.686	0.000953
41	41	18	Lr	0.000114	-0.000282	-54.676	0.000284
41	41	50	Le	0.000014	-0.000317	-74.86	0.000359
41	41	48	Le	0.000109	-0.000412	-61.686	0.000427
41	41	18	Le	0.000051	-0.000126	-54.676	0.000127
42	42	18	DEAD	0.000941	-0.000271	28.157	0.000969

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
42	42	48	DEAD	0.000298	-0.000139	34.41	0.000298
42	42	16	DEAD	0.000728	-0.000056	15.572	0.00081
42	42	18	Lr	0.00093	-0.000268	28.156	0.000958
42	42	48	Lr	0.000294	-0.000137	34.38	0.000294
42	42	16	Lr	0.000719	-0.000055	15.562	0.000801
42	42	18	Le	0.000417	-0.00012	28.156	0.000429
42	42	48	Le	0.000132	-0.000061	34.38	0.000132
42	42	16	Le	0.000322	-0.000025	15.562	0.000359
43	43	16	DEAD	0.000733	-0.000062	-16.155	0.000812
43	43	48	DEAD	0.000305	-0.000147	-34.702	0.000305
43	43	14	DEAD	0.000949	-0.000277	-28.453	0.000977
43	43	16	Lr	0.000724	-0.000061	-16.143	0.000803
43	43	48	Lr	0.000302	-0.000145	-34.683	0.000302
43	43	14	Lr	0.000938	-0.000274	-28.437	0.000965
43	43	16	Le	0.000324	-0.000028	-16.143	0.00036
43	43	48	Le	0.000135	-0.000065	-34.683	0.000135
43	43	14	Le	0.00042	-0.000123	-28.437	0.000432
44	44	14	DEAD	0.000105	-0.00027	54.962	0.000272
44	44	48	DEAD	0.000236	-0.00091	61.949	0.000945
44	44	46	DEAD	0.000026	-0.000702	75.589	0.000796
44	44	14	Lr	0.000103	-0.000267	54.916	0.000269
44	44	48	Lr	0.000233	-0.0009	61.93	0.000935
44	44	46	Lr	0.000026	-0.000694	75.563	0.000787
44	44	14	Le	0.000046	-0.00012	54.916	0.000121
44	44	48	Le	0.000104	-0.000403	61.93	0.000419
44	44	46	Le	0.000012	-0.000311	75.563	0.000353
45	45	46	DEAD	0.000066	-0.000732	-71.092	0.00081
45	45	44	DEAD	0.000282	-0.00095	-60.345	0.000975
45	45	14	DEAD	0.000164	-0.000345	-53.291	0.000345
45	45	46	Lr	0.000065	-0.000724	-71.068	0.000801
45	45	44	Lr	0.000279	-0.000939	-60.332	0.000965
45	45	14	Lr	0.000162	-0.000342	-53.257	0.000342
45	45	46	Le	0.000029	-0.000324	-71.068	0.000359
45	45	44	Le	0.000125	-0.000421	-60.332	0.000432
45	45	14	Le	0.000073	-0.000153	-53.257	0.000153
46	46	44	DEAD	0.000207	-0.000076	31.713	0.00021
46	46	12	DEAD	0.000632	-0.000022	11.082	0.000717
46	46	14	DEAD	0.000809	-0.000206	26.446	0.000841
46	46	44	Lr	0.000204	-0.000075	31.668	0.000207
46	46	12	Lr	0.000625	-0.000022	11.062	0.000709
46	46	14	Lr	0.0008	-0.000204	26.444	0.000831
46	46	44	Le	0.000091	-0.000034	31.668	0.000093
46	46	12	Le	0.00028	-9.710E-06	11.062	0.000318
46	46	14	Le	0.000358	-0.000091	26.444	0.000372
47	47	44	DEAD	0.000338	-0.000184	-36.137	0.000338
47	47	10	DEAD	0.000887	-0.000288	-29.978	0.000905
47	47	12	DEAD	0.000685	-0.000094	-20.095	0.000743
47	47	44	Lr	0.000334	-0.000182	-36.127	0.000335
47	47	10	Lr	0.000877	-0.000285	-29.964	0.000894
47	47	12	Lr	0.000678	-0.000093	-20.085	0.000734
47	47	44	Le	0.00015	-0.000081	-36.127	0.00015
47	47	10	Le	0.000393	-0.000128	-29.964	0.000401
47	47	12	Le	0.000304	-0.000042	-20.085	0.000329

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
48	48	44	DEAD	0.000144	-0.0007	63.7	0.00074
48	48	42	DEAD	-4.834E-06	-0.000547	81.469	0.000634
48	48	10	DEAD	0.00003	-0.000146	59.058	0.000154
48	48	44	Lr	0.000142	-0.000693	63.684	0.000732
48	48	42	Lr	-5.277E-06	-0.00054	81.445	0.000627
48	48	10	Lr	0.000029	-0.000145	58.938	0.000153
48	48	44	Le	0.000064	-0.00031	63.684	0.000328
48	48	42	Le	-2.364E-06	-0.000242	81.445	0.000281
48	48	10	Le	0.000013	-0.000065	58.938	0.000068
49	49	10	DEAD	0.000191	-0.000355	-51.574	0.000356
49	49	42	DEAD	0.000095	-0.000626	-66.47	0.000675
49	49	40	DEAD	0.000277	-0.000804	-58.67	0.000816
49	49	10	Lr	0.000189	-0.000352	-51.549	0.000352
49	49	42	Lr	0.000094	-0.00062	-66.444	0.000668
49	49	40	Lr	0.000274	-0.000795	-58.649	0.000808
49	49	10	Le	0.000085	-0.000158	-51.549	0.000158
49	49	42	Le	0.000042	-0.000278	-66.444	0.000299
49	49	40	Le	0.000123	-0.000356	-58.649	0.000362
50	50	40	DEAD	0.000067	1.478E-06	11.092	0.000078
50	50	8	DEAD	0.000427	3.774E-06	1.027	0.000496
50	50	10	DEAD	0.00052	-0.0001	22.727	0.000551
50	50	40	Lr	0.000066	1.197E-06	10.863	0.000077
50	50	8	Lr	0.000422	3.379E-06	1.013	0.00049
50	50	10	Lr	0.000514	-0.000099	22.719	0.000545
50	50	40	Le	0.00003	5.364E-07	10.863	0.000035
50	50	8	Le	0.000189	1.514E-06	1.013	0.000219
50	50	10	Le	0.00023	-0.000044	22.719	0.000244
51	51	8	DEAD	0.000521	-0.000128	-25.974	0.000543
51	51	40	DEAD	0.000319	-0.000199	-37.839	0.000322
51	51	6	DEAD	0.000661	-0.000257	-32.467	0.000667
51	51	8	Lr	0.000515	-0.000127	-25.96	0.000537
51	51	40	Lr	0.000316	-0.000196	-37.83	0.000319
51	51	6	Lr	0.000653	-0.000254	-32.451	0.000659
51	51	8	Le	0.000231	-0.000057	-25.96	0.000241
51	51	40	Le	0.000141	-0.000088	-37.83	0.000143
51	51	6	Le	0.000293	-0.000114	-32.451	0.000295
52	52	6	DEAD	0.000019	-0.000075	-47.995	0.000078
52	52	40	DEAD	0.000021	-0.000319	72.384	0.000357
52	52	38	DEAD	-0.000013	-0.000298	-79.268	0.000351
52	52	6	Lr	0.000018	-0.000074	-47.862	0.000077
52	52	40	Lr	0.000021	-0.000315	72.388	0.000352
52	52	38	Lr	-0.000014	-0.000294	-79.262	0.000348
52	52	6	Le	8.053E-06	-0.000033	-47.862	0.000035
52	52	40	Le	9.188E-06	-0.000141	72.388	0.000158
52	52	38	Le	-6.119E-06	-0.000132	-79.262	0.000156
53	53	38	DEAD	0.000118	-0.000422	-60.319	0.000435
53	53	36	DEAD	0.00025	-0.000566	-54.373	0.000568
53	53	6	DEAD	0.000206	-0.000248	-45.777	0.000265
53	53	38	Lr	0.000116	-0.000417	-60.352	0.000431
53	53	36	Lr	0.000247	-0.000562	-54.337	0.000563
53	53	6	Lr	0.000204	-0.000244	-45.663	0.000261
53	53	38	Le	0.000052	-0.000187	-60.352	0.000193
53	53	36	Le	0.000111	-0.000252	-54.337	0.000252

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
53	53	6	Le	0.000091	-0.000109	-45.663	0.000117
54	54	6	DEAD	0.000146	-0.000127	-17.175	0.000159
54	54	36	DEAD	0.000117	-0.000087	-55.109	0.000122
54	54	4	DEAD	0.000251	-0.000079	-38.684	0.000257
54	54	6	Lr	0.000145	-0.000129	-17.226	0.000159
54	54	36	Lr	0.000116	-0.000084	-55.283	0.00012
54	54	4	Lr	0.000249	-0.000078	-38.834	0.000255
54	54	6	Le	0.000065	-0.000058	-17.226	0.000071
54	54	36	Le	0.000052	-0.000038	-55.283	0.000054
54	54	4	Le	0.000112	-0.000035	-38.834	0.000114
55	55	4	DEAD	0.00022	-0.000178	-38.048	0.000234
55	55	36	DEAD	0.000168	-0.000111	-33.358	0.000171
55	55	2	DEAD	0.000249	-0.000129	-43.651	0.000249
55	55	4	Lr	0.000217	-0.000177	-38.019	0.000231
55	55	36	Lr	0.000165	-0.000109	-33.097	0.000168
55	55	2	Lr	0.000247	-0.000127	-43.766	0.000247
55	55	4	Le	0.000097	-0.000079	-38.019	0.000104
55	55	36	Le	0.000074	-0.000049	-33.097	0.000075
55	55	2	Le	0.000111	-0.000057	-43.766	0.000111
56	56	2	DEAD	0.000113	-0.000201	-54.386	0.000202
56	56	36	DEAD	0.000178	-0.000158	-38.771	0.000195
56	56	34	DEAD	0.00015	-0.000097	-40.373	0.000152
56	56	2	Lr	0.000113	-0.0002	-54.472	0.000201
56	56	36	Lr	0.000175	-0.000156	-38.607	0.000192
56	56	34	Lr	0.000148	-0.000094	-40.359	0.00015
56	56	2	Le	0.000051	-0.00009	-54.472	0.00009
56	56	36	Le	0.000078	-0.00007	-38.607	0.000086
56	56	34	Le	0.000066	-0.000042	-40.359	0.000067
57	57	2	DEAD	0.00011	-0.000036	-29.722	0.000112
57	57	1	DEAD	0.000109	-0.000035	-29.584	0.000112
57	57	3	DEAD	0.000113	-0.000039	-30.387	0.000115
57	57	4	DEAD	0.000113	-0.000039	-30.515	0.000115
57	57	2	Lr	0.000109	-0.000036	-29.804	0.000111
57	57	1	Lr	0.000109	-0.000036	-29.777	0.000111
57	57	3	Lr	0.000112	-0.000039	-30.568	0.000114
57	57	4	Lr	0.000112	-0.000039	-30.595	0.000114
57	57	2	Le	0.000049	-0.000016	-29.804	0.00005
57	57	1	Le	0.000049	-0.000016	-29.777	0.00005
57	57	3	Le	0.00005	-0.000018	-30.568	0.000051
57	57	4	Le	0.00005	-0.000018	-30.595	0.000051
58	58	3	DEAD	0.000122	-0.000046	-31.609	0.000123
58	58	5	DEAD	0.000126	-0.00005	-32.237	0.000127
58	58	6	DEAD	0.000126	-0.000051	-32.402	0.000126
58	58	4	DEAD	0.000122	-0.000047	-31.783	0.000123
58	58	3	Lr	0.000121	-0.000046	-31.707	0.000122
58	58	5	Lr	0.000125	-0.00005	-32.336	0.000126
58	58	6	Lr	0.000124	-0.00005	-32.432	0.000125
58	58	4	Lr	0.000121	-0.000046	-31.806	0.000122
58	58	3	Le	0.000054	-0.000021	-31.707	0.000055
58	58	5	Le	0.000056	-0.000022	-32.336	0.000056
58	58	6	Le	0.000056	-0.000023	-32.432	0.000056
58	58	4	Le	0.000054	-0.000021	-31.806	0.000054
59	59	5	DEAD	0.000324	-0.000016	-12.523	0.000365

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
59	59	7	DEAD	0.000321	-0.000013	-11.348	0.000363
59	59	8	DEAD	0.000319	-0.000013	-11.479	0.000362
59	59	6	DEAD	0.000323	-0.000016	-12.654	0.000363
59	59	5	Lr	0.00032	-0.000016	-12.564	0.000361
59	59	7	Lr	0.000317	-0.000013	-11.384	0.000359
59	59	8	Lr	0.000316	-0.000013	-11.419	0.000357
59	59	6	Lr	0.000319	-0.000016	-12.603	0.000359
59	59	5	Le	0.000143	-7.131E-06	-12.564	0.000162
59	59	7	Le	0.000142	-5.767E-06	-11.384	0.000161
59	59	8	Le	0.000141	-5.778E-06	-11.419	0.00016
59	59	6	Le	0.000143	-7.146E-06	-12.603	0.000161
60	60	7	DEAD	0.000316	-7.854E-06	-8.944	0.000361
60	60	9	DEAD	0.000317	-8.056E-06	-9.052	0.000361
60	60	10	DEAD	0.000315	-8.299E-06	-9.207	0.000359
60	60	8	DEAD	0.000315	-8.094E-06	-9.098	0.000359
60	60	7	Lr	0.000313	-7.877E-06	-9.005	0.000357
60	60	9	Lr	0.000313	-8.078E-06	-9.114	0.000357
60	60	10	Lr	0.000311	-8.138E-06	-9.171	0.000355
60	60	8	Lr	0.000311	-7.937E-06	-9.062	0.000355
60	60	7	Le	0.00014	-3.529E-06	-9.005	0.00016
60	60	9	Le	0.00014	-3.619E-06	-9.114	0.00016
60	60	10	Le	0.00014	-3.646E-06	-9.171	0.000159
60	60	8	Le	0.000139	-3.556E-06	-9.062	0.000159
61	61	10	DEAD	0.000452	-4.190E-06	-5.48	0.00052
61	61	9	DEAD	0.000455	-4.195E-06	-5.47	0.000523
61	61	11	DEAD	0.000454	-3.174E-06	-4.752	0.000522
61	61	12	DEAD	0.000451	-3.168E-06	-4.758	0.000519
61	61	10	Lr	0.000447	-4.073E-06	-5.434	0.000514
61	61	9	Lr	0.00045	-4.199E-06	-5.504	0.000517
61	61	11	Lr	0.000449	-3.185E-06	-4.786	0.000516
61	61	12	Lr	0.000446	-3.073E-06	-4.712	0.000514
61	61	10	Le	0.0002	-1.825E-06	-5.434	0.00023
61	61	9	Le	0.000201	-1.881E-06	-5.504	0.000232
61	61	11	Le	0.000201	-1.427E-06	-4.786	0.000231
61	61	12	Le	0.0002	-1.377E-06	-4.712	0.00023
62	62	12	DEAD	0.00045	-4.166E-06	-3.412	0.000517
62	62	11	DEAD	0.000452	-3.863E-06	-3.068	0.00052
62	62	13	DEAD	0.000453	-0.000015	-4.141	0.000515
62	62	14	DEAD	0.000451	-0.000015	-4.481	0.000513
62	62	12	Lr	0.000445	-4.113E-06	-3.407	0.000512
62	62	11	Lr	0.000447	-3.839E-06	-3.092	0.000514
62	62	13	Lr	0.000448	-0.000014	-4.165	0.00051
62	62	14	Lr	0.000446	-0.000015	-4.475	0.000507
62	62	12	Le	0.000199	-1.843E-06	-3.407	0.000229
62	62	11	Le	0.0002	-1.720E-06	-3.092	0.00023
62	62	13	Le	0.000201	-6.441E-06	-4.165	0.000228
62	62	14	Le	0.0002	-6.606E-06	-4.475	0.000227
63	63	14	DEAD	0.000502	-0.000013	-2.788	0.000572
63	63	13	DEAD	0.000505	-0.000014	-3.012	0.000575
63	63	15	DEAD	0.000504	-2.907E-06	-1.496	0.00058
63	63	16	DEAD	0.000501	-2.805E-06	-1.258	0.000577
63	63	14	Lr	0.000496	-0.000013	-2.764	0.000566
63	63	13	Lr	0.000499	-0.000013	-3.016	0.000569

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
63	63	15	Lr	0.000498	-2.872E-06	-1.5	0.000573
63	63	16	Lr	0.000495	-2.760E-06	-1.234	0.00057
63	63	14	Le	0.000222	-5.879E-06	-2.764	0.000253
63	63	13	Le	0.000224	-5.983E-06	-3.016	0.000255
63	63	15	Le	0.000223	-1.287E-06	-1.5	0.000257
63	63	16	Le	0.000222	-1.236E-06	-1.234	0.000256
64	64	15	DEAD	0.000503	-5.234E-08	0.204	0.000581
64	64	17	DEAD	0.000503	-1.324E-07	0.81	0.000581
64	64	18	DEAD	0.000501	-9.614E-08	0.649	0.000578
64	64	16	DEAD	0.000501	-4.619E-08	0.04	0.000578
64	64	15	Lr	0.000498	-4.762E-08	0.161	0.000575
64	64	17	Lr	0.000498	-1.207E-07	0.768	0.000575
64	64	18	Lr	0.000495	-1.016E-07	0.682	0.000572
64	64	16	Lr	0.000495	-4.448E-08	0.073	0.000572
64	64	15	Le	0.000223	-2.134E-08	0.161	0.000257
64	64	17	Le	0.000223	-5.407E-08	0.768	0.000257
64	64	18	Le	0.000222	-4.550E-08	0.682	0.000256
64	64	16	Le	0.000222	-1.993E-08	0.073	0.000256
65	65	18	DEAD	0.000464	-8.753E-07	2.446	0.000536
65	65	17	DEAD	0.000467	-9.126E-07	2.492	0.000539
65	65	19	DEAD	0.000467	-1.078E-06	2.715	0.000539
65	65	20	DEAD	0.000465	-1.038E-06	2.67	0.000536
65	65	18	Lr	0.000459	-8.979E-07	2.492	0.00053
65	65	17	Lr	0.000462	-8.848E-07	2.467	0.000532
65	65	19	Lr	0.000462	-1.047E-06	2.69	0.000533
65	65	20	Lr	0.000459	-1.061E-06	2.716	0.00053
65	65	18	Le	0.000206	-4.023E-07	2.492	0.000237
65	65	17	Le	0.000207	-3.965E-07	2.467	0.000239
65	65	19	Le	0.000207	-4.689E-07	2.69	0.000239
65	65	20	Le	0.000206	-4.755E-07	2.716	0.000237
66	66	19	DEAD	0.000468	-2.080E-06	3.791	0.000539
66	66	21	DEAD	0.000469	-3.036E-06	4.581	0.000539
66	66	22	DEAD	0.000466	-2.948E-06	4.524	0.000537
66	66	20	DEAD	0.000465	-2.005E-06	3.73	0.000536
66	66	19	Lr	0.000462	-2.014E-06	3.751	0.000533
66	66	21	Lr	0.000463	-2.954E-06	4.544	0.000533
66	66	22	Lr	0.000461	-2.960E-06	4.56	0.000531
66	66	20	Lr	0.00046	-2.018E-06	3.763	0.00053
66	66	19	Le	0.000207	-9.025E-07	3.751	0.000239
66	66	21	Le	0.000208	-1.324E-06	4.544	0.000239
66	66	22	Le	0.000207	-1.326E-06	4.56	0.000238
66	66	20	Le	0.000206	-9.040E-07	3.763	0.000238
67	67	21	DEAD	0.000347	-7.981E-06	8.615	0.000396
67	67	23	DEAD	0.000346	-7.612E-06	8.423	0.000395
67	67	24	DEAD	0.000344	-7.475E-06	8.37	0.000393
67	67	22	DEAD	0.000345	-7.842E-06	8.563	0.000394
67	67	21	Lr	0.000342	-7.853E-06	8.596	0.000391
67	67	23	Lr	0.000342	-7.494E-06	8.408	0.000391
67	67	24	Lr	0.00034	-7.520E-06	8.443	0.000389
67	67	22	Lr	0.000341	-7.880E-06	8.632	0.000389
67	67	21	Le	0.000153	-3.518E-06	8.596	0.000175
67	67	23	Le	0.000153	-3.358E-06	8.408	0.000175
67	67	24	Le	0.000153	-3.369E-06	8.443	0.000174

Table: Element Strains - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	EMaxBot	EMinBot	EAngleBot	EVMBot
						Degrees	
67	67	22	Le	0.000153	-3.531E-06	8.632	0.000174
68	68	23	DEAD	0.000347	-9.193E-06	9.236	0.000395
68	68	25	DEAD	0.000347	-9.693E-06	9.477	0.000396
68	68	27	DEAD	0.000346	-9.478E-06	9.396	0.000394
68	68	24	DEAD	0.000345	-8.984E-06	9.153	0.000394
68	68	23	Lr	0.000343	-8.994E-06	9.191	0.000391
68	68	25	Lr	0.000343	-9.482E-06	9.43	0.000391
68	68	27	Lr	0.000342	-9.528E-06	9.472	0.000389
68	68	24	Lr	0.000341	-9.038E-06	9.232	0.000389
68	68	23	Le	0.000154	-4.030E-06	9.191	0.000175
68	68	25	Le	0.000154	-4.249E-06	9.43	0.000175
68	68	27	Le	0.000153	-4.269E-06	9.472	0.000175
68	68	24	Le	0.000153	-4.049E-06	9.232	0.000174
69	69	25	DEAD	0.000158	-0.000037	25.898	0.000165
69	69	29	DEAD	0.000158	-0.000037	25.906	0.000165
69	69	30	DEAD	0.000157	-0.000037	25.832	0.000164
69	69	27	DEAD	0.000157	-0.000037	25.825	0.000164
69	69	25	Lr	0.000156	-0.000037	25.878	0.000163
69	69	29	Lr	0.000156	-0.000037	25.89	0.000163
69	69	30	Lr	0.000156	-0.000037	25.952	0.000163
69	69	27	Lr	0.000156	-0.000037	25.94	0.000163
69	69	25	Le	0.00007	-0.000016	25.878	0.000073
69	69	29	Le	0.00007	-0.000016	25.89	0.000073
69	69	30	Le	0.00007	-0.000017	25.952	0.000073
69	69	27	Le	0.00007	-0.000017	25.94	0.000073
70	70	29	DEAD	0.000158	-0.000038	26.241	0.000165
70	70	31	DEAD	0.000153	-0.000033	25.028	0.000161
70	70	32	DEAD	0.000152	-0.000033	24.898	0.00016
70	70	30	DEAD	0.000157	-0.000038	26.124	0.000164
70	70	29	Lr	0.000157	-0.000039	26.429	0.000163
70	70	31	Lr	0.000152	-0.000033	25.162	0.000159
70	70	32	Lr	0.000151	-0.000033	25.167	0.000159
70	70	30	Lr	0.000157	-0.000039	26.435	0.000163
70	70	29	Le	0.00007	-0.000017	26.429	0.000073
70	70	31	Le	0.000068	-0.000015	25.162	0.000071
70	70	32	Le	0.000068	-0.000015	25.167	0.000071
70	70	30	Le	0.00007	-0.000017	26.435	0.000073

Table: Element Stresses - Area Shells, Part 1 of 3

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
1	1	Membrane	33	DEAD	LinStatic	1.222E-02	4.051E-03	2.525E-02	3.371E-02
1	1	Membrane	35	DEAD	LinStatic	1.055E-02	-4.327E-03	3.392E-02	3.783E-02
1	1	Membrane	1	DEAD	LinStatic	-2.403E-02	-3.200E-03	3.085E-02	1.895E-02
1	1	Membrane	33	Lr	LinStatic	1.225E-02	4.209E-03	2.479E-02	3.334E-02
1	1	Membrane	35	Lr	LinStatic	1.048E-02	-4.633E-03	3.345E-02	3.722E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
1	1	Membrane	1	Lr	LinStatic	-2.398E-02	-3.036E-03	3.071E-02	1.894E-02
1	1	Membrane	33	Le	LinStatic	5.487E-03	1.886E-03	1.111E-02	1.494E-02
1	1	Membrane	35	Le	LinStatic	4.695E-03	-2.076E-03	1.499E-02	1.668E-02
1	1	Membrane	1	Le	LinStatic	-1.074E-02	-1.360E-03	1.376E-02	8.484E-03
2	2	Membrane	1	DEAD	LinStatic	2.059E-02	1.680E-02	3.918E-02	5.792E-02
2	2	Membrane	35	DEAD	LinStatic	2.023E-02	-2.502E-03	2.664E-02	3.783E-02
2	2	Membrane	3	DEAD	LinStatic	1.658E-02	-3.232E-03	4.005E-02	4.793E-02
2	2	Membrane	1	Lr	LinStatic	2.034E-02	1.693E-02	3.877E-02	5.744E-02
2	2	Membrane	35	Lr	LinStatic	2.010E-02	-2.712E-03	2.603E-02	3.711E-02
2	2	Membrane	3	Lr	LinStatic	1.625E-02	-3.481E-03	3.969E-02	4.728E-02
2	2	Membrane	1	Le	LinStatic	9.111E-03	7.587E-03	1.737E-02	2.574E-02
2	2	Membrane	35	Le	LinStatic	9.005E-03	-1.215E-03	1.166E-02	1.663E-02
2	2	Membrane	3	Le	LinStatic	7.282E-03	-1.560E-03	1.778E-02	2.119E-02
3	3	Membrane	3	DEAD	LinStatic	3.458E-02	1.939E-02	3.321E-02	6.105E-02
3	3	Membrane	35	DEAD	LinStatic	-2.530E-03	1.197E-02	1.980E-02	2.581E-02
3	3	Membrane	5	DEAD	LinStatic	2.670E-02	-2.003E-02	1.574E-02	3.151E-02
3	3	Membrane	3	Lr	LinStatic	3.415E-02	1.949E-02	3.294E-02	6.057E-02
3	3	Membrane	35	Lr	LinStatic	-2.233E-03	1.221E-02	1.929E-02	2.558E-02
3	3	Membrane	5	Lr	LinStatic	2.611E-02	-2.069E-02	1.582E-02	3.096E-02
3	3	Membrane	3	Le	LinStatic	1.530E-02	8.731E-03	1.476E-02	2.714E-02
3	3	Membrane	35	Le	LinStatic	-1.000E-03	5.471E-03	8.641E-03	1.146E-02
3	3	Membrane	5	Le	LinStatic	1.170E-02	-9.268E-03	7.090E-03	1.387E-02
4	4	Membrane	5	DEAD	LinStatic	-7.689E-03	-5.119E-03	4.692E-02	4.054E-02
4	4	Membrane	35	DEAD	LinStatic	-7.635E-02	-2.204E-02	8.005E-02	3.534E-02
4	4	Membrane	37	DEAD	LinStatic	-7.568E-02	-1.872E-02	4.805E-02	8.658E-03
4	4	Membrane	5	Lr	LinStatic	-7.205E-03	-5.073E-03	4.632E-02	4.019E-02
4	4	Membrane	35	Lr	LinStatic	-7.572E-02	-2.202E-02	7.939E-02	3.494E-02
4	4	Membrane	37	Lr	LinStatic	-7.505E-02	-1.864E-02	4.746E-02	8.366E-03
4	4	Membrane	5	Le	LinStatic	-3.228E-03	-2.273E-03	2.075E-02	1.801E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
4	4	Membrane	35	Le	LinStatic	-3.393E-02	-9.864E-03	3.557E-02	1.565E-02
4	4	Membrane	37	Le	LinStatic	-3.363E-02	-8.352E-03	2.127E-02	3.749E-03
5	5	Membrane	5	DEAD	LinStatic	-9.490E-03	-7.604E-03	9.694E-03	1.193E-03
5	5	Membrane	37	DEAD	LinStatic	-7.574E-02	-2.085E-02	1.082E-02	-1.880E-02
5	5	Membrane	39	DEAD	LinStatic	-7.508E-02	-1.753E-02	-2.035E-02	-1.106E-02
5	5	Membrane	5	Lr	LinStatic	-9.480E-03	-7.688E-03	9.510E-03	9.680E-04
5	5	Membrane	37	Lr	LinStatic	-7.488E-02	-2.077E-02	1.066E-02	-1.874E-02
5	5	Membrane	39	Lr	LinStatic	-7.420E-02	-1.739E-02	-2.012E-02	-1.099E-02
5	5	Membrane	5	Le	LinStatic	-4.248E-03	-3.444E-03	4.261E-03	4.337E-04
5	5	Membrane	37	Le	LinStatic	-3.355E-02	-9.305E-03	4.775E-03	-8.398E-03
5	5	Membrane	39	Le	LinStatic	-3.325E-02	-7.793E-03	-9.014E-03	-4.924E-03
6	6	Membrane	39	DEAD	LinStatic	3.230E-02	5.612E-03	5.214E-02	7.278E-02
6	6	Membrane	7	DEAD	LinStatic	0.1	1.974E-02	5.309E-02	0.13
6	6	Membrane	5	DEAD	LinStatic	0.1	2.252E-02	8.634E-02	0.16
6	6	Membrane	39	Lr	LinStatic	3.190E-02	5.443E-03	5.151E-02	7.185E-02
6	6	Membrane	7	Lr	LinStatic	0.1	1.942E-02	5.247E-02	0.13
6	6	Membrane	5	Lr	LinStatic	0.1	2.226E-02	8.536E-02	0.16
6	6	Membrane	39	Le	LinStatic	1.429E-02	2.439E-03	2.308E-02	3.219E-02
6	6	Membrane	7	Le	LinStatic	4.561E-02	8.701E-03	2.351E-02	5.704E-02
6	6	Membrane	5	Le	LinStatic	4.586E-02	9.976E-03	3.825E-02	7.016E-02
7	7	Membrane	39	DEAD	LinStatic	1.728E-02	4.386E-03	-2.732E-03	1.784E-02
7	7	Membrane	9	DEAD	LinStatic	0.11	2.043E-02	-4.607E-02	0.13
7	7	Membrane	7	DEAD	LinStatic	0.11	2.321E-02	-1.787E-03	0.11
7	7	Membrane	39	Lr	LinStatic	1.709E-02	4.301E-03	-2.697E-03	1.763E-02
7	7	Membrane	9	Lr	LinStatic	0.11	2.006E-02	-4.550E-02	0.13
7	7	Membrane	7	Lr	LinStatic	0.11	2.290E-02	-1.731E-03	0.11
7	7	Membrane	39	Le	LinStatic	7.656E-03	1.927E-03	-1.209E-03	7.900E-03
7	7	Membrane	9	Le	LinStatic	4.908E-02	8.988E-03	-2.039E-02	5.762E-02
7	7	Membrane	7	Le	LinStatic	4.933E-02	1.026E-02	-7.754E-04	4.935E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
8	8	Membrane	39	DEAD	LinStatic	-0.13	-3.042E-02	9.945E-02	3.013E-02
8	8	Membrane	41	DEAD	LinStatic	-0.13	-3.165E-02	5.465E-02	-7.878E-03
8	8	Membrane	9	DEAD	LinStatic	-3.827E-02	-1.261E-02	5.507E-02	3.110E-02
8	8	Membrane	39	Lr	LinStatic	-0.13	-3.016E-02	9.837E-02	2.976E-02
8	8	Membrane	41	Lr	LinStatic	-0.13	-3.144E-02	5.407E-02	-7.888E-03
8	8	Membrane	9	Lr	LinStatic	-3.786E-02	-1.261E-02	5.450E-02	3.071E-02
8	8	Membrane	39	Le	LinStatic	-5.903E-02	-1.351E-02	4.408E-02	1.333E-02
8	8	Membrane	41	Le	LinStatic	-5.914E-02	-1.409E-02	2.422E-02	-3.534E-03
8	8	Membrane	9	Le	LinStatic	-1.696E-02	-5.650E-03	2.442E-02	1.376E-02
9	9	Membrane	9	DEAD	LinStatic	-2.636E-02	-9.440E-03	-1.597E-02	1.757E-04
9	9	Membrane	41	DEAD	LinStatic	-0.14	-3.204E-02	-1.639E-02	-2.960E-02
9	9	Membrane	43	DEAD	LinStatic	-0.14	-3.328E-02	-6.958E-02	1.119E-03
9	9	Membrane	9	Lr	LinStatic	-2.609E-02	-9.440E-03	-1.582E-02	1.112E-04
9	9	Membrane	41	Lr	LinStatic	-0.14	-3.179E-02	-1.625E-02	-2.935E-02
9	9	Membrane	43	Lr	LinStatic	-0.14	-3.306E-02	-6.884E-02	1.003E-03
9	9	Membrane	9	Le	LinStatic	-1.169E-02	-4.230E-03	-7.088E-03	4.984E-05
9	9	Membrane	41	Le	LinStatic	-6.175E-02	-1.424E-02	-7.283E-03	-1.315E-02
9	9	Membrane	43	Le	LinStatic	-6.187E-02	-1.481E-02	-3.084E-02	4.496E-04
10	10	Membrane	43	DEAD	LinStatic	4.094E-02	7.725E-03	5.182E-02	7.875E-02
10	10	Membrane	11	DEAD	LinStatic	0.15	3.038E-02	5.235E-02	0.17
10	10	Membrane	9	DEAD	LinStatic	0.15	3.194E-02	0.11	0.22
10	10	Membrane	43	Lr	LinStatic	4.045E-02	7.539E-03	5.120E-02	7.777E-02
10	10	Membrane	11	Lr	LinStatic	0.15	2.994E-02	5.175E-02	0.17
10	10	Membrane	9	Lr	LinStatic	0.15	3.157E-02	0.1	0.21
10	10	Membrane	43	Le	LinStatic	1.812E-02	3.378E-03	2.294E-02	3.485E-02
10	10	Membrane	11	Le	LinStatic	6.830E-02	1.341E-02	2.319E-02	7.679E-02
10	10	Membrane	9	Le	LinStatic	6.845E-02	1.414E-02	4.680E-02	9.540E-02
11	11	Membrane	43	DEAD	LinStatic	3.381E-02	7.299E-03	-2.635E-02	5.005E-02
11	11	Membrane	13	DEAD	LinStatic	0.16	3.063E-02	-8.438E-02	0.2

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
11	11	Membrane	11	DEAD	LinStatic	0.16	3.219E-02	-2.582E-02	0.16
11	11	Membrane	43	Lr	LinStatic	3.345E-02	7.184E-03	-2.605E-02	4.949E-02
11	11	Membrane	13	Lr	LinStatic	0.16	3.015E-02	-8.338E-02	0.2
11	11	Membrane	11	Lr	LinStatic	0.16	3.178E-02	-2.550E-02	0.16
11	11	Membrane	43	Le	LinStatic	1.499E-02	3.219E-03	-1.167E-02	2.218E-02
11	11	Membrane	13	Le	LinStatic	6.995E-02	1.351E-02	-3.736E-02	8.855E-02
11	11	Membrane	11	Le	LinStatic	7.010E-02	1.424E-02	-1.142E-02	7.234E-02
12	12	Membrane	13	DEAD	LinStatic	-4.297E-02	-1.305E-02	5.046E-02	2.462E-02
12	12	Membrane	43	DEAD	LinStatic	-0.17	-3.854E-02	0.11	2.396E-02
12	12	Membrane	45	DEAD	LinStatic	-0.17	-3.821E-02	5.057E-02	-2.092E-02
12	12	Membrane	13	Lr	LinStatic	-4.250E-02	-1.302E-02	4.993E-02	2.430E-02
12	12	Membrane	43	Lr	LinStatic	-0.17	-3.824E-02	0.11	2.363E-02
12	12	Membrane	45	Lr	LinStatic	-0.17	-3.790E-02	5.005E-02	-2.077E-02
12	12	Membrane	13	Le	LinStatic	-1.904E-02	-5.834E-03	2.237E-02	1.089E-02
12	12	Membrane	43	Le	LinStatic	-7.482E-02	-1.713E-02	4.866E-02	1.059E-02
12	12	Membrane	45	Le	LinStatic	-7.479E-02	-1.698E-02	2.242E-02	-9.304E-03
13	13	Membrane	13	DEAD	LinStatic	-3.869E-02	-1.240E-02	-3.641E-02	1.316E-02
13	13	Membrane	45	DEAD	LinStatic	-0.17	-3.888E-02	-3.630E-02	-2.956E-02
13	13	Membrane	47	DEAD	LinStatic	-0.17	-3.855E-02	-9.859E-02	1.399E-02
13	13	Membrane	13	Lr	LinStatic	-3.828E-02	-1.239E-02	-3.606E-02	1.297E-02
13	13	Membrane	45	Lr	LinStatic	-0.17	-3.857E-02	-3.594E-02	-2.933E-02
13	13	Membrane	47	Lr	LinStatic	-0.17	-3.823E-02	-9.753E-02	1.378E-02
13	13	Membrane	13	Le	LinStatic	-1.715E-02	-5.553E-03	-1.615E-02	5.811E-03
13	13	Membrane	45	Le	LinStatic	-7.580E-02	-1.728E-02	-1.610E-02	-1.314E-02
13	13	Membrane	47	Le	LinStatic	-7.577E-02	-1.713E-02	-4.370E-02	6.175E-03
14	14	Membrane	47	DEAD	LinStatic	4.147E-02	8.146E-03	4.407E-02	7.193E-02
14	14	Membrane	15	DEAD	LinStatic	0.17	3.475E-02	4.426E-02	0.19
14	14	Membrane	13	DEAD	LinStatic	0.17	3.530E-02	0.11	0.23
14	14	Membrane	47	Lr	LinStatic	4.094E-02	7.948E-03	4.351E-02	7.098E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
14	14	Membrane	15	Lr	LinStatic	0.17	3.426E-02	4.373E-02	0.19
14	14	Membrane	13	Lr	LinStatic	0.17	3.489E-02	0.11	0.23
14	14	Membrane	47	Le	LinStatic	1.834E-02	3.561E-03	1.950E-02	3.180E-02
14	14	Membrane	15	Le	LinStatic	7.730E-02	1.535E-02	1.959E-02	8.297E-02
14	14	Membrane	13	Le	LinStatic	7.735E-02	1.563E-02	4.734E-02	0.1
15	15	Membrane	15	DEAD	LinStatic	0.17	3.512E-02	-4.224E-02	0.19
15	15	Membrane	47	DEAD	LinStatic	4.157E-02	8.522E-03	-4.243E-02	7.058E-02
15	15	Membrane	17	DEAD	LinStatic	0.17	3.457E-02	-0.1	0.23
15	15	Membrane	15	Lr	LinStatic	0.17	3.468E-02	-4.174E-02	0.18
15	15	Membrane	47	Lr	LinStatic	4.111E-02	8.386E-03	-4.196E-02	6.978E-02
15	15	Membrane	17	Lr	LinStatic	0.17	3.405E-02	-0.1	0.23
15	15	Membrane	15	Le	LinStatic	7.732E-02	1.554E-02	-1.870E-02	8.254E-02
15	15	Membrane	47	Le	LinStatic	1.842E-02	3.757E-03	-1.880E-02	3.127E-02
15	15	Membrane	17	Le	LinStatic	7.727E-02	1.526E-02	-4.642E-02	0.1
16	16	Membrane	17	DEAD	LinStatic	-3.990E-02	-1.251E-02	3.897E-02	1.510E-02
16	16	Membrane	47	DEAD	LinStatic	-0.17	-3.928E-02	0.1	1.557E-02
16	16	Membrane	49	DEAD	LinStatic	-0.17	-3.920E-02	3.900E-02	-2.869E-02
16	16	Membrane	17	Lr	LinStatic	-3.947E-02	-1.252E-02	3.858E-02	1.487E-02
16	16	Membrane	47	Lr	LinStatic	-0.17	-3.892E-02	0.1	1.534E-02
16	16	Membrane	49	Lr	LinStatic	-0.17	-3.890E-02	3.858E-02	-2.849E-02
16	16	Membrane	17	Le	LinStatic	-1.768E-02	-5.608E-03	1.728E-02	6.663E-03
16	16	Membrane	47	Le	LinStatic	-7.680E-02	-1.744E-02	4.511E-02	6.875E-03
16	16	Membrane	49	Le	LinStatic	-7.680E-02	-1.743E-02	1.729E-02	-1.276E-02
17	17	Membrane	49	DEAD	LinStatic	-0.17	-3.894E-02	-4.912E-02	-2.275E-02
17	17	Membrane	51	DEAD	LinStatic	-0.17	-3.886E-02	-0.11	2.296E-02
17	17	Membrane	17	DEAD	LinStatic	-4.300E-02	-1.319E-02	-4.915E-02	2.326E-02
17	17	Membrane	49	Lr	LinStatic	-0.17	-3.860E-02	-4.862E-02	-2.255E-02
17	17	Membrane	51	Lr	LinStatic	-0.17	-3.858E-02	-0.11	2.261E-02
17	17	Membrane	17	Lr	LinStatic	-4.254E-02	-1.314E-02	-4.862E-02	2.296E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
17	17	Membrane	49	Le	LinStatic	-7.609E-02	-1.729E-02	-2.178E-02	-1.010E-02
17	17	Membrane	51	Le	LinStatic	-7.609E-02	-1.729E-02	-4.862E-02	1.013E-02
17	17	Membrane	17	Le	LinStatic	-1.906E-02	-5.889E-03	-2.179E-02	1.029E-02
18	18	Membrane	19	DEAD	LinStatic	0.16	3.306E-02	2.900E-02	0.17
18	18	Membrane	17	DEAD	LinStatic	0.16	3.186E-02	8.921E-02	0.21
18	18	Membrane	51	DEAD	LinStatic	3.533E-02	7.471E-03	2.941E-02	5.394E-02
18	18	Membrane	19	Lr	LinStatic	0.16	3.259E-02	2.864E-02	0.17
18	18	Membrane	17	Lr	LinStatic	0.16	3.148E-02	8.817E-02	0.21
18	18	Membrane	51	Lr	LinStatic	3.490E-02	7.288E-03	2.902E-02	5.323E-02
18	18	Membrane	19	Le	LinStatic	7.231E-02	1.460E-02	1.283E-02	7.504E-02
18	18	Membrane	17	Le	LinStatic	7.221E-02	1.410E-02	3.951E-02	9.220E-02
18	18	Membrane	51	Le	LinStatic	1.564E-02	3.265E-03	1.300E-02	2.385E-02
19	19	Membrane	51	DEAD	LinStatic	4.161E-02	7.957E-03	-5.108E-02	7.856E-02
19	19	Membrane	21	DEAD	LinStatic	0.16	3.279E-02	-0.11	0.22
19	19	Membrane	19	DEAD	LinStatic	0.16	3.158E-02	-5.148E-02	0.18
19	19	Membrane	51	Lr	LinStatic	4.113E-02	7.825E-03	-5.050E-02	7.765E-02
19	19	Membrane	21	Lr	LinStatic	0.16	3.229E-02	-0.11	0.22
19	19	Membrane	19	Lr	LinStatic	0.16	3.118E-02	-5.087E-02	0.18
19	19	Membrane	51	Le	LinStatic	1.843E-02	3.506E-03	-2.263E-02	3.479E-02
19	19	Membrane	21	Le	LinStatic	7.085E-02	1.447E-02	-4.742E-02	9.782E-02
19	19	Membrane	19	Le	LinStatic	7.075E-02	1.397E-02	-2.279E-02	7.877E-02
20	20	Membrane	51	DEAD	LinStatic	-0.15	-3.443E-02	7.565E-02	3.583E-03
20	20	Membrane	53	DEAD	LinStatic	-0.15	-3.370E-02	2.022E-02	-3.019E-02
20	20	Membrane	21	DEAD	LinStatic	-2.903E-02	-1.014E-02	1.997E-02	2.507E-03
20	20	Membrane	51	Lr	LinStatic	-0.15	-3.412E-02	7.482E-02	3.492E-03
20	20	Membrane	53	Lr	LinStatic	-0.15	-3.345E-02	2.001E-02	-2.998E-02
20	20	Membrane	21	Lr	LinStatic	-2.872E-02	-1.016E-02	1.979E-02	2.412E-03
20	20	Membrane	51	Le	LinStatic	-6.511E-02	-1.529E-02	3.352E-02	1.565E-03
20	20	Membrane	53	Le	LinStatic	-6.505E-02	-1.499E-02	8.967E-03	-1.343E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
20	20	Membrane	21	Le	LinStatic	-1.287E-02	-4.554E-03	8.865E-03	1.081E-03
21	21	Membrane	21	DEAD	LinStatic	-3.969E-02	-1.274E-02	-5.480E-02	3.022E-02
21	21	Membrane	53	DEAD	LinStatic	-0.14	-3.310E-02	-5.455E-02	-1.039E-02
21	21	Membrane	55	DEAD	LinStatic	-0.14	-3.236E-02	-0.1	2.919E-02
21	21	Membrane	21	Lr	LinStatic	-3.926E-02	-1.270E-02	-5.421E-02	2.984E-02
21	21	Membrane	53	Lr	LinStatic	-0.14	-3.282E-02	-5.399E-02	-1.032E-02
21	21	Membrane	55	Lr	LinStatic	-0.14	-3.215E-02	-0.1	2.878E-02
21	21	Membrane	21	Le	LinStatic	-1.759E-02	-5.690E-03	-2.429E-02	1.337E-02
21	21	Membrane	53	Le	LinStatic	-6.267E-02	-1.471E-02	-2.419E-02	-4.626E-03
21	21	Membrane	55	Le	LinStatic	-6.261E-02	-1.441E-02	-4.540E-02	1.290E-02
22	22	Membrane	55	DEAD	LinStatic	2.064E-02	4.885E-03	7.108E-03	2.337E-02
22	22	Membrane	23	DEAD	LinStatic	0.12	2.502E-02	6.324E-03	0.12
22	22	Membrane	21	DEAD	LinStatic	0.12	2.271E-02	5.369E-02	0.14
22	22	Membrane	55	Lr	LinStatic	2.037E-02	4.730E-03	6.972E-03	2.302E-02
22	22	Membrane	23	Lr	LinStatic	0.12	2.463E-02	6.225E-03	0.12
22	22	Membrane	21	Lr	LinStatic	0.12	2.243E-02	5.305E-02	0.14
22	22	Membrane	55	Le	LinStatic	9.125E-03	2.119E-03	3.124E-03	1.032E-02
22	22	Membrane	23	Le	LinStatic	5.371E-02	1.104E-02	2.789E-03	5.389E-02
22	22	Membrane	21	Le	LinStatic	5.351E-02	1.005E-02	2.377E-02	6.399E-02
23	23	Membrane	55	DEAD	LinStatic	3.457E-02	6.198E-03	-5.271E-02	7.498E-02
23	23	Membrane	25	DEAD	LinStatic	0.11	2.429E-02	-9.066E-02	0.17
23	23	Membrane	23	DEAD	LinStatic	0.11	2.199E-02	-5.350E-02	0.14
23	23	Membrane	55	Lr	LinStatic	3.417E-02	6.086E-03	-5.211E-02	7.410E-02
23	23	Membrane	25	Lr	LinStatic	0.11	2.389E-02	-8.958E-02	0.17
23	23	Membrane	23	Lr	LinStatic	0.11	2.169E-02	-5.286E-02	0.14
23	23	Membrane	55	Le	LinStatic	1.531E-02	2.727E-03	-2.335E-02	3.320E-02
23	23	Membrane	25	Le	LinStatic	5.047E-02	1.070E-02	-4.014E-02	7.538E-02
23	23	Membrane	23	Le	LinStatic	5.028E-02	9.719E-03	-2.368E-02	6.118E-02
24	24	Membrane	55	DEAD	LinStatic	-8.932E-02	-2.321E-02	3.103E-02	-1.093E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
24	24	Membrane	57	DEAD	LinStatic	-8.908E-02	-2.203E-02	-5.753E-03	-2.154E-02
24	24	Membrane	25	DEAD	LinStatic	-1.093E-02	-6.396E-03	-6.156E-03	-2.102E-03
24	24	Membrane	55	Lr	LinStatic	-8.829E-02	-2.301E-02	3.068E-02	-1.086E-02
24	24	Membrane	57	Lr	LinStatic	-8.807E-02	-2.192E-02	-5.666E-03	-2.144E-02
24	24	Membrane	25	Lr	LinStatic	-1.083E-02	-6.475E-03	-6.037E-03	-2.235E-03
24	24	Membrane	55	Le	LinStatic	-3.956E-02	-1.031E-02	1.375E-02	-4.864E-03
24	24	Membrane	57	Le	LinStatic	-3.946E-02	-9.822E-03	-2.539E-03	-9.606E-03
24	24	Membrane	25	Le	LinStatic	-4.853E-03	-2.901E-03	-2.705E-03	-1.002E-03
25	25	Membrane	25	DEAD	LinStatic	-2.482E-02	-9.933E-03	-5.227E-02	3.542E-02
25	25	Membrane	57	DEAD	LinStatic	-8.209E-02	-2.139E-02	-5.187E-02	8.358E-03
25	25	Membrane	59	DEAD	LinStatic	-8.185E-02	-2.020E-02	-7.882E-02	3.361E-02
25	25	Membrane	25	Lr	LinStatic	-2.453E-02	-9.911E-03	-5.168E-02	3.497E-02
25	25	Membrane	57	Lr	LinStatic	-8.115E-02	-2.124E-02	-5.131E-02	8.217E-03
25	25	Membrane	59	Lr	LinStatic	-8.094E-02	-2.015E-02	-7.796E-02	3.313E-02
25	25	Membrane	25	Le	LinStatic	-1.099E-02	-4.441E-03	-2.315E-02	1.567E-02
25	25	Membrane	57	Le	LinStatic	-3.636E-02	-9.515E-03	-2.299E-02	3.682E-03
25	25	Membrane	59	Le	LinStatic	-3.626E-02	-9.027E-03	-3.493E-02	1.484E-02
26	26	Membrane	59	DEAD	LinStatic	-1.713E-03	2.932E-03	-2.105E-02	2.179E-02
26	26	Membrane	29	DEAD	LinStatic	4.876E-02	1.303E-02	-2.465E-02	6.134E-02
26	26	Membrane	25	DEAD	LinStatic	4.664E-02	2.437E-03	-8.991E-04	4.666E-02
26	26	Membrane	59	Lr	LinStatic	-1.707E-03	2.814E-03	-2.084E-02	2.151E-02
26	26	Membrane	29	Lr	LinStatic	4.817E-02	1.279E-02	-2.438E-02	6.060E-02
26	26	Membrane	25	Lr	LinStatic	4.608E-02	2.353E-03	-9.131E-04	4.610E-02
26	26	Membrane	59	Le	LinStatic	-7.648E-04	1.261E-03	-9.335E-03	9.638E-03
26	26	Membrane	29	Le	LinStatic	2.158E-02	5.730E-03	-1.093E-02	2.715E-02
26	26	Membrane	25	Le	LinStatic	2.065E-02	1.054E-03	-4.091E-04	2.066E-02
27	27	Membrane	59	DEAD	LinStatic	3.295E-02	3.623E-03	-4.226E-02	6.302E-02
27	27	Membrane	31	DEAD	LinStatic	3.071E-02	1.173E-02	-4.427E-02	6.650E-02
27	27	Membrane	29	DEAD	LinStatic	2.893E-02	2.819E-03	-4.586E-02	6.356E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
27	27	Membrane	59	Lr	LinStatic	3.357E-02	3.719E-03	-4.194E-02	6.316E-02
27	27	Membrane	31	Lr	LinStatic	2.982E-02	1.140E-02	-4.330E-02	6.489E-02
27	27	Membrane	29	Lr	LinStatic	2.806E-02	2.618E-03	-4.549E-02	6.257E-02
27	27	Membrane	59	Le	LinStatic	1.504E-02	1.666E-03	-1.879E-02	2.830E-02
27	27	Membrane	31	Le	LinStatic	1.336E-02	5.109E-03	-1.940E-02	2.907E-02
27	27	Membrane	29	Le	LinStatic	1.257E-02	1.173E-03	-2.038E-02	2.804E-02
28	28	Membrane	59	DEAD	LinStatic	-3.274E-02	-5.757E-02	-3.444E-03	-3.227E-02
28	28	Membrane	61	DEAD	LinStatic	-1.738E-02	1.925E-02	-2.928E-02	3.548E-02
28	28	Membrane	31	DEAD	LinStatic	4.784E-02	3.230E-02	-6.031E-02	0.1
28	28	Membrane	59	Lr	LinStatic	-3.360E-02	-5.953E-02	-2.301E-03	-3.340E-02
28	28	Membrane	61	Lr	LinStatic	-1.768E-02	2.007E-02	-2.872E-02	3.556E-02
28	28	Membrane	31	Lr	LinStatic	4.901E-02	3.341E-02	-6.087E-02	0.1
28	28	Membrane	59	Le	LinStatic	-1.506E-02	-2.667E-02	-1.031E-03	-1.496E-02
28	28	Membrane	61	Le	LinStatic	-7.923E-03	8.992E-03	-1.287E-02	1.593E-02
28	28	Membrane	31	Le	LinStatic	2.196E-02	1.497E-02	-2.727E-02	4.596E-02
29	29	Membrane	32	DEAD	LinStatic	4.782E-02	3.222E-02	6.026E-02	0.1
29	29	Membrane	62	DEAD	LinStatic	-1.739E-02	1.918E-02	2.932E-02	3.545E-02
29	29	Membrane	60	DEAD	LinStatic	-3.271E-02	-5.743E-02	3.490E-03	-3.223E-02
29	29	Membrane	32	Lr	LinStatic	4.899E-02	3.338E-02	6.086E-02	0.1
29	29	Membrane	62	Lr	LinStatic	-1.768E-02	2.004E-02	2.875E-02	3.556E-02
29	29	Membrane	60	Lr	LinStatic	-3.358E-02	-5.947E-02	2.333E-03	-3.338E-02
29	29	Membrane	32	Le	LinStatic	2.195E-02	1.495E-02	2.727E-02	4.594E-02
29	29	Membrane	62	Le	LinStatic	-7.923E-03	8.979E-03	1.288E-02	1.593E-02
29	29	Membrane	60	Le	LinStatic	-1.505E-02	-2.665E-02	1.046E-03	-1.495E-02
30	30	Membrane	60	DEAD	LinStatic	3.292E-02	3.771E-03	4.234E-02	6.312E-02
30	30	Membrane	30	DEAD	LinStatic	2.893E-02	2.974E-03	4.587E-02	6.363E-02
30	30	Membrane	32	DEAD	LinStatic	3.068E-02	1.172E-02	4.429E-02	6.650E-02
30	30	Membrane	60	Lr	LinStatic	3.353E-02	3.821E-03	4.198E-02	6.321E-02
30	30	Membrane	30	Lr	LinStatic	2.807E-02	2.729E-03	4.552E-02	6.265E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
30	30	Membrane	32	Lr	LinStatic	2.982E-02	1.149E-02	4.336E-02	6.498E-02
30	30	Membrane	60	Le	LinStatic	1.502E-02	1.712E-03	1.881E-02	2.832E-02
30	30	Membrane	30	Le	LinStatic	1.258E-02	1.223E-03	2.040E-02	2.807E-02
30	30	Membrane	32	Le	LinStatic	1.336E-02	5.149E-03	1.943E-02	2.911E-02
31	31	Membrane	30	DEAD	LinStatic	-2.305E-02	-1.298E-03	2.846E-02	1.829E-02
31	31	Membrane	60	DEAD	LinStatic	-8.026E-02	-1.274E-02	2.492E-02	-4.536E-03
31	31	Membrane	58	DEAD	LinStatic	-8.234E-02	-2.313E-02	-1.998E-03	-2.306E-02
31	31	Membrane	30	Lr	LinStatic	-2.276E-02	-1.302E-03	2.820E-02	1.814E-02
31	31	Membrane	60	Lr	LinStatic	-7.934E-02	-1.262E-02	2.466E-02	-4.491E-03
31	31	Membrane	58	Lr	LinStatic	-8.142E-02	-2.303E-02	-1.962E-03	-2.296E-02
31	31	Membrane	30	Le	LinStatic	-1.020E-02	-5.832E-04	1.264E-02	8.130E-03
31	31	Membrane	60	Le	LinStatic	-3.555E-02	-5.653E-03	1.105E-02	-2.012E-03
31	31	Membrane	58	Le	LinStatic	-3.648E-02	-1.032E-02	-8.793E-04	-1.029E-02
32	32	Membrane	58	DEAD	LinStatic	-3.576E-03	-5.619E-03	5.111E-02	4.652E-02
32	32	Membrane	27	DEAD	LinStatic	4.681E-02	4.459E-03	5.143E-02	8.126E-02
32	32	Membrane	30	DEAD	LinStatic	4.700E-02	5.416E-03	7.515E-02	0.1
32	32	Membrane	58	Lr	LinStatic	-3.576E-03	-5.716E-03	5.051E-02	4.587E-02
32	32	Membrane	27	Lr	LinStatic	4.624E-02	4.248E-03	5.086E-02	8.027E-02
32	32	Membrane	30	Lr	LinStatic	4.645E-02	5.296E-03	7.431E-02	0.1
32	32	Membrane	58	Le	LinStatic	-1.602E-03	-2.561E-03	2.263E-02	2.055E-02
32	32	Membrane	27	Le	LinStatic	2.072E-02	1.903E-03	2.279E-02	3.597E-02
32	32	Membrane	30	Le	LinStatic	2.081E-02	2.373E-03	3.329E-02	4.614E-02
33	33	Membrane	27	DEAD	LinStatic	-1.113E-02	-6.517E-03	6.026E-03	-2.370E-03
33	33	Membrane	58	DEAD	LinStatic	-8.888E-02	-2.207E-02	5.701E-03	-2.159E-02
33	33	Membrane	56	DEAD	LinStatic	-8.907E-02	-2.302E-02	-3.089E-02	-1.083E-02
33	33	Membrane	27	Lr	LinStatic	-1.102E-02	-6.534E-03	5.949E-03	-2.419E-03
33	33	Membrane	58	Lr	LinStatic	-8.786E-02	-2.190E-02	5.592E-03	-2.143E-02
33	33	Membrane	56	Lr	LinStatic	-8.807E-02	-2.295E-02	-3.057E-02	-1.085E-02
33	33	Membrane	27	Le	LinStatic	-4.938E-03	-2.928E-03	2.665E-03	-1.084E-03

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
33	33	Membrane	58	Le	LinStatic	-3.936E-02	-9.813E-03	2.506E-03	-9.602E-03
33	33	Membrane	56	Le	LinStatic	-3.946E-02	-1.028E-02	-1.370E-02	-4.861E-03
34	34	Membrane	56	DEAD	LinStatic	3.425E-02	6.196E-03	5.249E-02	7.455E-02
34	34	Membrane	24	DEAD	LinStatic	0.11	2.192E-02	5.321E-02	0.14
34	34	Membrane	27	DEAD	LinStatic	0.11	2.404E-02	9.020E-02	0.17
34	34	Membrane	56	Lr	LinStatic	3.386E-02	6.029E-03	5.185E-02	7.363E-02
34	34	Membrane	24	Lr	LinStatic	0.11	2.156E-02	5.260E-02	0.14
34	34	Membrane	27	Lr	LinStatic	0.11	2.376E-02	8.915E-02	0.17
34	34	Membrane	56	Le	LinStatic	1.517E-02	2.701E-03	2.323E-02	3.299E-02
34	34	Membrane	24	Le	LinStatic	4.997E-02	9.661E-03	2.357E-02	6.082E-02
34	34	Membrane	27	Le	LinStatic	5.016E-02	1.064E-02	3.994E-02	7.497E-02
35	35	Membrane	24	DEAD	LinStatic	0.12	2.480E-02	-6.150E-03	0.12
35	35	Membrane	56	DEAD	LinStatic	2.021E-02	4.750E-03	-6.874E-03	2.283E-02
35	35	Membrane	22	DEAD	LinStatic	0.12	2.267E-02	-5.333E-02	0.14
35	35	Membrane	24	Lr	LinStatic	0.12	2.447E-02	-6.038E-03	0.12
35	35	Membrane	56	Lr	LinStatic	1.998E-02	4.658E-03	-6.785E-03	2.255E-02
35	35	Membrane	22	Lr	LinStatic	0.12	2.228E-02	-5.266E-02	0.14
35	35	Membrane	24	Le	LinStatic	5.334E-02	1.097E-02	-2.705E-03	5.352E-02
35	35	Membrane	56	Le	LinStatic	8.951E-03	2.087E-03	-3.040E-03	1.010E-02
35	35	Membrane	22	Le	LinStatic	5.315E-02	9.982E-03	-2.360E-02	6.354E-02
36	36	Membrane	22	DEAD	LinStatic	-3.977E-02	-1.271E-02	5.469E-02	3.009E-02
36	36	Membrane	56	DEAD	LinStatic	-0.14	-3.238E-02	0.1	2.902E-02
36	36	Membrane	54	DEAD	LinStatic	-0.14	-3.298E-02	5.448E-02	-1.029E-02
36	36	Membrane	22	Lr	LinStatic	-3.934E-02	-1.271E-02	5.412E-02	2.971E-02
36	36	Membrane	56	Lr	LinStatic	-0.14	-3.210E-02	0.1	2.866E-02
36	36	Membrane	54	Lr	LinStatic	-0.14	-3.275E-02	5.390E-02	-1.027E-02
36	36	Membrane	22	Le	LinStatic	-1.763E-02	-5.693E-03	2.425E-02	1.331E-02
36	36	Membrane	56	Le	LinStatic	-6.246E-02	-1.438E-02	4.527E-02	1.284E-02
36	36	Membrane	54	Le	LinStatic	-6.252E-02	-1.467E-02	2.415E-02	-4.602E-03

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
37	37	Membrane	54	DEAD	LinStatic	-0.15	-3.366E-02	-2.022E-02	-3.014E-02
37	37	Membrane	52	DEAD	LinStatic	-0.15	-3.426E-02	-7.539E-02	3.589E-03
37	37	Membrane	22	DEAD	LinStatic	-2.921E-02	-1.021E-02	-2.002E-02	2.443E-03
37	37	Membrane	54	Lr	LinStatic	-0.14	-3.338E-02	-2.003E-02	-2.989E-02
37	37	Membrane	52	Lr	LinStatic	-0.14	-3.403E-02	-7.456E-02	3.445E-03
37	37	Membrane	22	Lr	LinStatic	-2.890E-02	-1.020E-02	-1.981E-02	2.351E-03
37	37	Membrane	54	Le	LinStatic	-6.487E-02	-1.496E-02	-8.975E-03	-1.339E-02
37	37	Membrane	52	Le	LinStatic	-6.493E-02	-1.525E-02	-3.341E-02	1.543E-03
37	37	Membrane	22	Le	LinStatic	-1.295E-02	-4.572E-03	-8.876E-03	1.054E-03
38	38	Membrane	22	DEAD	LinStatic	0.16	3.248E-02	0.11	0.22
38	38	Membrane	52	DEAD	LinStatic	4.113E-02	7.911E-03	5.077E-02	7.793E-02
38	38	Membrane	20	DEAD	LinStatic	0.16	3.142E-02	5.112E-02	0.18
38	38	Membrane	22	Lr	LinStatic	0.16	3.210E-02	0.11	0.22
38	38	Membrane	52	Lr	LinStatic	4.063E-02	7.721E-03	5.015E-02	7.696E-02
38	38	Membrane	20	Lr	LinStatic	0.16	3.097E-02	5.053E-02	0.17
38	38	Membrane	22	Le	LinStatic	7.038E-02	1.438E-02	4.715E-02	9.722E-02
38	38	Membrane	52	Le	LinStatic	1.820E-02	3.459E-03	2.247E-02	3.448E-02
38	38	Membrane	20	Le	LinStatic	7.028E-02	1.388E-02	2.264E-02	7.825E-02
39	39	Membrane	20	DEAD	LinStatic	0.16	3.279E-02	-2.871E-02	0.17
39	39	Membrane	52	DEAD	LinStatic	3.481E-02	7.322E-03	-2.907E-02	5.322E-02
39	39	Membrane	18	DEAD	LinStatic	0.16	3.173E-02	-8.862E-02	0.21
39	39	Membrane	20	Lr	LinStatic	0.16	3.237E-02	-2.834E-02	0.17
39	39	Membrane	52	Lr	LinStatic	3.441E-02	7.200E-03	-2.873E-02	5.259E-02
39	39	Membrane	18	Lr	LinStatic	0.16	3.124E-02	-8.757E-02	0.2
39	39	Membrane	20	Le	LinStatic	7.181E-02	1.450E-02	-1.270E-02	7.450E-02
39	39	Membrane	52	Le	LinStatic	1.542E-02	3.226E-03	-1.287E-02	2.356E-02
39	39	Membrane	18	Le	LinStatic	7.171E-02	1.400E-02	-3.924E-02	9.156E-02
40	40	Membrane	18	DEAD	LinStatic	-4.312E-02	-1.314E-02	4.904E-02	2.315E-02
40	40	Membrane	52	DEAD	LinStatic	-0.17	-3.891E-02	0.11	2.276E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
40	40	Membrane	50	DEAD	LinStatic	-0.17	-3.877E-02	4.908E-02	-2.258E-02
40	40	Membrane	18	Lr	LinStatic	-4.265E-02	-1.313E-02	4.854E-02	2.284E-02
40	40	Membrane	52	Lr	LinStatic	-0.17	-3.855E-02	0.11	2.247E-02
40	40	Membrane	50	Lr	LinStatic	-0.17	-3.848E-02	4.857E-02	-2.243E-02
40	40	Membrane	18	Le	LinStatic	-1.911E-02	-5.884E-03	2.175E-02	1.023E-02
40	40	Membrane	52	Le	LinStatic	-7.590E-02	-1.727E-02	4.848E-02	1.007E-02
40	40	Membrane	50	Le	LinStatic	-7.589E-02	-1.724E-02	2.176E-02	-1.005E-02
41	41	Membrane	50	DEAD	LinStatic	-0.17	-3.917E-02	-3.896E-02	-2.865E-02
41	41	Membrane	48	DEAD	LinStatic	-0.17	-3.904E-02	-0.1	1.557E-02
41	41	Membrane	18	DEAD	LinStatic	-4.013E-02	-1.263E-02	-3.901E-02	1.499E-02
41	41	Membrane	50	Lr	LinStatic	-0.17	-3.884E-02	-3.856E-02	-2.840E-02
41	41	Membrane	48	Lr	LinStatic	-0.17	-3.876E-02	-0.1	1.529E-02
41	41	Membrane	18	Lr	LinStatic	-3.970E-02	-1.259E-02	-3.859E-02	1.476E-02
41	41	Membrane	50	Le	LinStatic	-7.658E-02	-1.740E-02	-1.728E-02	-1.273E-02
41	41	Membrane	48	Le	LinStatic	-7.658E-02	-1.737E-02	-4.495E-02	6.850E-03
41	41	Membrane	18	Le	LinStatic	-1.779E-02	-5.641E-03	-1.729E-02	6.612E-03
42	42	Membrane	18	DEAD	LinStatic	0.17	3.439E-02	0.1	0.23
42	42	Membrane	48	DEAD	LinStatic	4.091E-02	8.351E-03	4.202E-02	6.970E-02
42	42	Membrane	16	DEAD	LinStatic	0.17	3.485E-02	4.187E-02	0.19
42	42	Membrane	18	Lr	LinStatic	0.17	3.399E-02	0.1	0.23
42	42	Membrane	48	Lr	LinStatic	4.043E-02	8.156E-03	4.151E-02	6.883E-02
42	42	Membrane	16	Lr	LinStatic	0.17	3.436E-02	4.139E-02	0.18
42	42	Membrane	18	Le	LinStatic	7.678E-02	1.523E-02	4.617E-02	0.1
42	42	Membrane	48	Le	LinStatic	1.811E-02	3.655E-03	1.860E-02	3.084E-02
42	42	Membrane	16	Le	LinStatic	7.682E-02	1.540E-02	1.854E-02	8.198E-02
43	43	Membrane	16	DEAD	LinStatic	0.17	3.454E-02	-4.388E-02	0.19
43	43	Membrane	48	DEAD	LinStatic	4.092E-02	8.057E-03	-4.373E-02	7.120E-02
43	43	Membrane	14	DEAD	LinStatic	0.17	3.500E-02	-0.11	0.23
43	43	Membrane	16	Lr	LinStatic	0.17	3.410E-02	-4.336E-02	0.18

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
43	43	Membrane	48	Lr	LinStatic	4.049E-02	7.934E-03	-4.323E-02	7.041E-02
43	43	Membrane	14	Lr	LinStatic	0.17	3.447E-02	-0.1	0.23
43	43	Membrane	16	Le	LinStatic	7.677E-02	1.528E-02	-1.943E-02	8.239E-02
43	43	Membrane	48	Le	LinStatic	1.814E-02	3.555E-03	-1.937E-02	3.155E-02
43	43	Membrane	14	Le	LinStatic	7.680E-02	1.545E-02	-4.702E-02	0.1
44	44	Membrane	14	DEAD	LinStatic	-3.881E-02	-1.243E-02	3.639E-02	1.309E-02
44	44	Membrane	48	DEAD	LinStatic	-0.17	-3.845E-02	9.831E-02	1.393E-02
44	44	Membrane	46	DEAD	LinStatic	-0.17	-3.879E-02	3.627E-02	-2.947E-02
44	44	Membrane	14	Lr	LinStatic	-3.839E-02	-1.240E-02	3.602E-02	1.290E-02
44	44	Membrane	48	Lr	LinStatic	-0.17	-3.816E-02	9.726E-02	1.371E-02
44	44	Membrane	46	Lr	LinStatic	-0.17	-3.848E-02	3.592E-02	-2.923E-02
44	44	Membrane	14	Le	LinStatic	-1.720E-02	-5.557E-03	1.614E-02	5.780E-03
44	44	Membrane	48	Le	LinStatic	-7.558E-02	-1.710E-02	4.358E-02	6.141E-03
44	44	Membrane	46	Le	LinStatic	-7.561E-02	-1.724E-02	1.609E-02	-1.310E-02
45	45	Membrane	46	DEAD	LinStatic	-0.17	-3.812E-02	-5.054E-02	-2.081E-02
45	45	Membrane	44	DEAD	LinStatic	-0.17	-3.846E-02	-0.11	2.387E-02
45	45	Membrane	14	DEAD	LinStatic	-4.310E-02	-1.307E-02	-5.042E-02	2.453E-02
45	45	Membrane	46	Lr	LinStatic	-0.17	-3.782E-02	-5.002E-02	-2.067E-02
45	45	Membrane	44	Lr	LinStatic	-0.17	-3.813E-02	-0.11	2.355E-02
45	45	Membrane	14	Lr	LinStatic	-4.265E-02	-1.306E-02	-4.991E-02	2.420E-02
45	45	Membrane	46	Le	LinStatic	-7.459E-02	-1.695E-02	-2.241E-02	-9.260E-03
45	45	Membrane	44	Le	LinStatic	-7.462E-02	-1.709E-02	-4.852E-02	1.055E-02
45	45	Membrane	14	Le	LinStatic	-1.911E-02	-5.850E-03	-2.236E-02	1.084E-02
46	46	Membrane	44	DEAD	LinStatic	3.344E-02	7.315E-03	2.611E-02	4.957E-02
46	46	Membrane	12	DEAD	LinStatic	0.16	3.204E-02	2.546E-02	0.16
46	46	Membrane	14	DEAD	LinStatic	0.16	3.013E-02	8.364E-02	0.2
46	46	Membrane	44	Lr	LinStatic	3.299E-02	7.124E-03	2.576E-02	4.888E-02
46	46	Membrane	12	Lr	LinStatic	0.16	3.159E-02	2.515E-02	0.16
46	46	Membrane	14	Lr	LinStatic	0.15	2.979E-02	8.270E-02	0.2

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
46	46	Membrane	44	Le	LinStatic	1.478E-02	3.192E-03	1.154E-02	2.190E-02
46	46	Membrane	12	Le	LinStatic	6.958E-02	1.415E-02	1.127E-02	7.179E-02
46	46	Membrane	14	Le	LinStatic	6.942E-02	1.335E-02	3.706E-02	8.785E-02
47	47	Membrane	44	DEAD	LinStatic	4.030E-02	7.465E-03	-5.136E-02	7.780E-02
47	47	Membrane	10	DEAD	LinStatic	0.15	3.195E-02	-0.11	0.21
47	47	Membrane	12	DEAD	LinStatic	0.15	3.004E-02	-5.201E-02	0.17
47	47	Membrane	44	Lr	LinStatic	3.985E-02	7.344E-03	-5.078E-02	7.692E-02
47	47	Membrane	10	Lr	LinStatic	0.15	3.146E-02	-0.1	0.21
47	47	Membrane	12	Lr	LinStatic	0.15	2.966E-02	-5.140E-02	0.17
47	47	Membrane	44	Le	LinStatic	1.785E-02	3.290E-03	-2.275E-02	3.446E-02
47	47	Membrane	10	Le	LinStatic	6.801E-02	1.410E-02	-4.656E-02	9.485E-02
47	47	Membrane	12	Le	LinStatic	6.785E-02	1.329E-02	-2.303E-02	7.627E-02
48	48	Membrane	44	DEAD	LinStatic	-0.14	-3.322E-02	6.932E-02	1.043E-03
48	48	Membrane	42	DEAD	LinStatic	-0.14	-3.195E-02	1.642E-02	-2.948E-02
48	48	Membrane	10	DEAD	LinStatic	-2.656E-02	-9.467E-03	1.599E-02	1.204E-04
48	48	Membrane	44	Lr	LinStatic	-0.14	-3.293E-02	6.857E-02	9.841E-04
48	48	Membrane	42	Lr	LinStatic	-0.14	-3.173E-02	1.627E-02	-2.928E-02
48	48	Membrane	10	Lr	LinStatic	-2.628E-02	-9.501E-03	1.586E-02	5.192E-05
48	48	Membrane	44	Le	LinStatic	-6.168E-02	-1.475E-02	3.072E-02	4.409E-04
48	48	Membrane	42	Le	LinStatic	-6.158E-02	-1.422E-02	7.289E-03	-1.312E-02
48	48	Membrane	10	Le	LinStatic	-1.177E-02	-4.257E-03	7.106E-03	2.326E-05
49	49	Membrane	10	DEAD	LinStatic	-3.832E-02	-1.263E-02	-5.499E-02	3.100E-02
49	49	Membrane	42	DEAD	LinStatic	-0.13	-3.160E-02	-5.456E-02	-7.837E-03
49	49	Membrane	40	DEAD	LinStatic	-0.13	-3.033E-02	-9.918E-02	3.005E-02
49	49	Membrane	10	Lr	LinStatic	-3.791E-02	-1.260E-02	-5.441E-02	3.061E-02
49	49	Membrane	42	Lr	LinStatic	-0.13	-3.134E-02	-5.400E-02	-7.803E-03
49	49	Membrane	40	Lr	LinStatic	-0.13	-3.015E-02	-9.811E-02	2.963E-02
49	49	Membrane	10	Le	LinStatic	-1.699E-02	-5.643E-03	-2.438E-02	1.371E-02
49	49	Membrane	42	Le	LinStatic	-5.899E-02	-1.404E-02	-2.419E-02	-3.496E-03

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
49	49	Membrane	40	Le	LinStatic	-5.888E-02	-1.351E-02	-4.396E-02	1.327E-02
50	50	Membrane	40	DEAD	LinStatic	1.693E-02	4.357E-03	2.564E-03	1.744E-02
50	50	Membrane	8	DEAD	LinStatic	0.11	2.308E-02	1.569E-03	0.11
50	50	Membrane	10	DEAD	LinStatic	0.11	2.015E-02	4.562E-02	0.13
50	50	Membrane	40	Lr	LinStatic	1.672E-02	4.214E-03	2.491E-03	1.719E-02
50	50	Membrane	8	Lr	LinStatic	0.11	2.273E-02	1.530E-03	0.11
50	50	Membrane	10	Lr	LinStatic	0.11	1.990E-02	4.509E-02	0.13
50	50	Membrane	40	Le	LinStatic	7.490E-03	1.888E-03	1.116E-03	7.704E-03
50	50	Membrane	8	Le	LinStatic	4.897E-02	1.018E-02	6.857E-04	4.898E-02
50	50	Membrane	10	Le	LinStatic	4.871E-02	8.917E-03	2.020E-02	5.717E-02
51	51	Membrane	8	DEAD	LinStatic	0.1	1.955E-02	-5.284E-02	0.13
51	51	Membrane	40	DEAD	LinStatic	3.196E-02	5.489E-03	-5.185E-02	7.224E-02
51	51	Membrane	6	DEAD	LinStatic	0.1	2.248E-02	-8.593E-02	0.16
51	51	Membrane	8	Lr	LinStatic	0.1	1.929E-02	-5.222E-02	0.13
51	51	Membrane	40	Lr	LinStatic	3.159E-02	5.380E-03	-5.126E-02	7.139E-02
51	51	Membrane	6	Lr	LinStatic	0.1	2.211E-02	-8.494E-02	0.16
51	51	Membrane	8	Le	LinStatic	4.530E-02	8.641E-03	-2.340E-02	5.670E-02
51	51	Membrane	40	Le	LinStatic	1.415E-02	2.410E-03	-2.297E-02	3.199E-02
51	51	Membrane	6	Le	LinStatic	4.556E-02	9.907E-03	-3.806E-02	6.976E-02
52	52	Membrane	6	DEAD	LinStatic	-9.632E-03	-7.606E-03	-9.655E-03	1.089E-03
52	52	Membrane	40	DEAD	LinStatic	-7.484E-02	-1.754E-02	2.024E-02	-1.111E-02
52	52	Membrane	38	DEAD	LinStatic	-7.549E-02	-2.078E-02	-1.076E-02	-1.874E-02
52	52	Membrane	6	Lr	LinStatic	-9.618E-03	-7.724E-03	-9.448E-03	8.243E-04
52	52	Membrane	40	Lr	LinStatic	-7.396E-02	-1.732E-02	1.999E-02	-1.098E-02
52	52	Membrane	38	Lr	LinStatic	-7.464E-02	-2.073E-02	-1.061E-02	-1.872E-02
52	52	Membrane	6	Le	LinStatic	-4.309E-03	-3.461E-03	-4.233E-03	3.693E-04
52	52	Membrane	40	Le	LinStatic	-3.314E-02	-7.762E-03	8.959E-03	-4.918E-03
52	52	Membrane	38	Le	LinStatic	-3.344E-02	-9.288E-03	-4.752E-03	-8.387E-03
53	53	Membrane	38	DEAD	LinStatic	-7.552E-02	-1.871E-02	-4.796E-02	8.625E-03

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
53	53	Membrane	36	DEAD	LinStatic	-7.617E-02	-2.195E-02	-7.988E-02	3.530E-02
53	53	Membrane	6	DEAD	LinStatic	-7.686E-03	-5.142E-03	-4.686E-02	4.046E-02
53	53	Membrane	38	Lr	LinStatic	-7.488E-02	-1.860E-02	-4.739E-02	8.376E-03
53	53	Membrane	36	Lr	LinStatic	-7.556E-02	-2.200E-02	-7.924E-02	3.486E-02
53	53	Membrane	6	Lr	LinStatic	-7.200E-03	-5.061E-03	-4.623E-02	4.011E-02
53	53	Membrane	38	Le	LinStatic	-3.355E-02	-8.332E-03	-2.123E-02	3.753E-03
53	53	Membrane	36	Le	LinStatic	-3.385E-02	-9.858E-03	-3.550E-02	1.562E-02
53	53	Membrane	6	Le	LinStatic	-3.226E-03	-2.268E-03	-2.071E-02	1.797E-02
54	54	Membrane	6	DEAD	LinStatic	2.633E-02	-2.025E-02	-1.592E-02	3.125E-02
54	54	Membrane	36	DEAD	LinStatic	-2.661E-03	1.194E-02	-1.983E-02	2.577E-02
54	54	Membrane	4	DEAD	LinStatic	3.424E-02	1.932E-02	-3.328E-02	6.089E-02
54	54	Membrane	6	Lr	LinStatic	2.577E-02	-2.082E-02	-1.598E-02	3.072E-02
54	54	Membrane	36	Lr	LinStatic	-2.375E-03	1.214E-02	-1.934E-02	2.554E-02
54	54	Membrane	4	Lr	LinStatic	3.380E-02	1.937E-02	-3.301E-02	6.037E-02
54	54	Membrane	6	Le	LinStatic	1.154E-02	-9.328E-03	-7.160E-03	1.376E-02
54	54	Membrane	36	Le	LinStatic	-1.064E-03	5.438E-03	-8.666E-03	1.144E-02
54	54	Membrane	4	Le	LinStatic	1.515E-02	8.680E-03	-1.479E-02	2.705E-02
55	55	Membrane	4	DEAD	LinStatic	1.643E-02	-3.337E-03	-3.992E-02	4.767E-02
55	55	Membrane	36	DEAD	LinStatic	2.019E-02	-2.584E-03	-2.647E-02	3.762E-02
55	55	Membrane	2	DEAD	LinStatic	2.045E-02	1.677E-02	-3.902E-02	5.767E-02
55	55	Membrane	4	Lr	LinStatic	1.610E-02	-3.564E-03	-3.955E-02	4.703E-02
55	55	Membrane	36	Lr	LinStatic	2.007E-02	-2.771E-03	-2.589E-02	3.694E-02
55	55	Membrane	2	Lr	LinStatic	2.019E-02	1.686E-02	-3.860E-02	5.716E-02
55	55	Membrane	4	Le	LinStatic	7.215E-03	-1.597E-03	-1.772E-02	2.107E-02
55	55	Membrane	36	Le	LinStatic	8.992E-03	-1.241E-03	-1.160E-02	1.655E-02
55	55	Membrane	2	Le	LinStatic	9.046E-03	7.555E-03	-1.730E-02	2.561E-02
56	56	Membrane	2	DEAD	LinStatic	-2.412E-02	-3.192E-03	-3.078E-02	1.886E-02
56	56	Membrane	36	DEAD	LinStatic	1.058E-02	-4.363E-03	-3.383E-02	3.776E-02
56	56	Membrane	34	DEAD	LinStatic	1.227E-02	4.086E-03	-2.513E-02	3.364E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
56	56	Membrane	2	Lr	LinStatic	-2.406E-02	-3.048E-03	-3.061E-02	1.881E-02
56	56	Membrane	36	Lr	LinStatic	1.052E-02	-4.628E-03	-3.338E-02	3.717E-02
56	56	Membrane	34	Lr	LinStatic	1.229E-02	4.222E-03	-2.469E-02	3.327E-02
56	56	Membrane	2	Le	LinStatic	-1.078E-02	-1.366E-03	-1.371E-02	8.426E-03
56	56	Membrane	36	Le	LinStatic	4.714E-03	-2.074E-03	-1.496E-02	1.666E-02
56	56	Membrane	34	Le	LinStatic	5.507E-03	1.892E-03	-1.106E-02	1.491E-02
57	57	Membrane	2	DEAD	LinStatic	1.906E-02	3.813E-03	-1.273E-02	2.627E-02
57	57	Membrane	1	DEAD	LinStatic	1.916E-02	3.832E-03	-1.258E-02	2.623E-02
57	57	Membrane	3	DEAD	LinStatic	1.916E-02	3.834E-03	-1.389E-02	2.736E-02
57	57	Membrane	4	DEAD	LinStatic	1.906E-02	3.814E-03	-1.404E-02	2.741E-02
57	57	Membrane	2	Lr	LinStatic	1.884E-02	3.768E-03	-1.263E-02	2.601E-02
57	57	Membrane	1	Lr	LinStatic	1.894E-02	3.787E-03	-1.265E-02	2.611E-02
57	57	Membrane	3	Lr	LinStatic	1.894E-02	3.787E-03	-1.396E-02	2.724E-02
57	57	Membrane	4	Lr	LinStatic	1.884E-02	3.768E-03	-1.394E-02	2.715E-02
57	57	Membrane	2	Le	LinStatic	8.441E-03	1.688E-03	-5.659E-03	1.165E-02
57	57	Membrane	1	Le	LinStatic	8.485E-03	1.697E-03	-5.670E-03	1.170E-02
57	57	Membrane	3	Le	LinStatic	8.485E-03	1.697E-03	-6.254E-03	1.221E-02
57	57	Membrane	4	Le	LinStatic	8.441E-03	1.688E-03	-6.244E-03	1.216E-02
58	58	Membrane	3	DEAD	LinStatic	1.961E-02	3.924E-03	-1.525E-02	2.892E-02
58	58	Membrane	5	DEAD	LinStatic	1.961E-02	3.919E-03	-1.660E-02	3.013E-02
58	58	Membrane	6	DEAD	LinStatic	1.934E-02	3.865E-03	-1.675E-02	3.005E-02
58	58	Membrane	4	DEAD	LinStatic	1.934E-02	3.870E-03	-1.539E-02	2.883E-02
58	58	Membrane	3	Lr	LinStatic	1.938E-02	3.876E-03	-1.522E-02	2.872E-02
58	58	Membrane	5	Lr	LinStatic	1.938E-02	3.873E-03	-1.658E-02	2.993E-02
58	58	Membrane	6	Lr	LinStatic	1.912E-02	3.820E-03	-1.657E-02	2.972E-02
58	58	Membrane	4	Lr	LinStatic	1.912E-02	3.823E-03	-1.521E-02	2.850E-02
58	58	Membrane	3	Le	LinStatic	8.685E-03	1.737E-03	-6.821E-03	1.287E-02
58	58	Membrane	5	Le	LinStatic	8.685E-03	1.735E-03	-7.430E-03	1.341E-02
58	58	Membrane	6	Le	LinStatic	8.565E-03	1.712E-03	-7.425E-03	1.332E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
58	58	Membrane	4	Le	LinStatic	8.565E-03	1.713E-03	-6.817E-03	1.277E-02
59	59	Membrane	5	DEAD	LinStatic	7.958E-02	1.591E-02	-1.524E-02	8.304E-02
59	59	Membrane	7	DEAD	LinStatic	7.958E-02	1.591E-02	-1.286E-02	8.208E-02
59	59	Membrane	8	DEAD	LinStatic	7.903E-02	1.580E-02	-1.302E-02	8.161E-02
59	59	Membrane	6	DEAD	LinStatic	7.903E-02	1.580E-02	-1.541E-02	8.258E-02
59	59	Membrane	5	Lr	LinStatic	7.868E-02	1.573E-02	-1.516E-02	8.214E-02
59	59	Membrane	7	Lr	LinStatic	7.868E-02	1.573E-02	-1.279E-02	8.118E-02
59	59	Membrane	8	Lr	LinStatic	7.813E-02	1.562E-02	-1.277E-02	8.064E-02
59	59	Membrane	6	Lr	LinStatic	7.813E-02	1.562E-02	-1.513E-02	8.160E-02
59	59	Membrane	5	Le	LinStatic	3.525E-02	7.049E-03	-6.792E-03	3.680E-02
59	59	Membrane	7	Le	LinStatic	3.525E-02	7.049E-03	-5.730E-03	3.637E-02
59	59	Membrane	8	Le	LinStatic	3.501E-02	7.000E-03	-5.720E-03	3.613E-02
59	59	Membrane	6	Le	LinStatic	3.501E-02	7.000E-03	-6.781E-03	3.656E-02
60	60	Membrane	7	DEAD	LinStatic	7.982E-02	1.596E-02	-1.022E-02	8.141E-02
60	60	Membrane	9	DEAD	LinStatic	7.982E-02	1.596E-02	-1.042E-02	8.147E-02
60	60	Membrane	10	DEAD	LinStatic	7.914E-02	1.582E-02	-1.063E-02	8.088E-02
60	60	Membrane	8	DEAD	LinStatic	7.914E-02	1.582E-02	-1.042E-02	8.081E-02
60	60	Membrane	7	Lr	LinStatic	7.891E-02	1.578E-02	-1.021E-02	8.052E-02
60	60	Membrane	9	Lr	LinStatic	7.891E-02	1.578E-02	-1.041E-02	8.059E-02
60	60	Membrane	10	Lr	LinStatic	7.825E-02	1.564E-02	-1.043E-02	7.994E-02
60	60	Membrane	8	Lr	LinStatic	7.825E-02	1.565E-02	-1.023E-02	7.988E-02
60	60	Membrane	7	Le	LinStatic	3.536E-02	7.069E-03	-4.575E-03	3.608E-02
60	60	Membrane	9	Le	LinStatic	3.536E-02	7.069E-03	-4.665E-03	3.611E-02
60	60	Membrane	10	Le	LinStatic	3.506E-02	7.010E-03	-4.673E-03	3.582E-02
60	60	Membrane	8	Le	LinStatic	3.506E-02	7.010E-03	-4.583E-03	3.579E-02
61	61	Membrane	10	DEAD	LinStatic	0.12	2.313E-02	-9.283E-03	0.12
61	61	Membrane	9	DEAD	LinStatic	0.12	2.330E-02	-9.324E-03	0.12
61	61	Membrane	11	DEAD	LinStatic	0.12	2.330E-02	-7.483E-03	0.12
61	61	Membrane	12	DEAD	LinStatic	0.12	2.312E-02	-7.443E-03	0.12

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
61	61	Membrane	10	Lr	LinStatic	0.11	2.287E-02	-9.068E-03	0.12
61	61	Membrane	9	Lr	LinStatic	0.12	2.304E-02	-9.310E-03	0.12
61	61	Membrane	11	Lr	LinStatic	0.12	2.303E-02	-7.490E-03	0.12
61	61	Membrane	12	Lr	LinStatic	0.11	2.286E-02	-7.248E-03	0.11
61	61	Membrane	10	Le	LinStatic	5.124E-02	1.025E-02	-4.063E-03	5.164E-02
61	61	Membrane	9	Le	LinStatic	5.163E-02	1.032E-02	-4.171E-03	5.204E-02
61	61	Membrane	11	Le	LinStatic	5.163E-02	1.032E-02	-3.356E-03	5.190E-02
61	61	Membrane	12	Le	LinStatic	5.124E-02	1.024E-02	-3.247E-03	5.150E-02
62	62	Membrane	12	DEAD	LinStatic	0.12	2.313E-02	-5.214E-03	0.12
62	62	Membrane	11	DEAD	LinStatic	0.12	2.332E-02	-4.386E-03	0.12
62	62	Membrane	13	DEAD	LinStatic	0.12	1.956E-02	-7.331E-03	0.12
62	62	Membrane	14	DEAD	LinStatic	0.11	1.937E-02	-8.159E-03	0.12
62	62	Membrane	12	Lr	LinStatic	0.11	2.287E-02	-5.133E-03	0.11
62	62	Membrane	11	Lr	LinStatic	0.12	2.306E-02	-4.391E-03	0.12
62	62	Membrane	13	Lr	LinStatic	0.11	1.935E-02	-7.300E-03	0.12
62	62	Membrane	14	Lr	LinStatic	0.11	1.916E-02	-8.043E-03	0.11
62	62	Membrane	12	Le	LinStatic	5.127E-02	1.025E-02	-2.300E-03	5.139E-02
62	62	Membrane	11	Le	LinStatic	5.168E-02	1.033E-02	-1.967E-03	5.178E-02
62	62	Membrane	13	Le	LinStatic	5.135E-02	8.668E-03	-3.271E-03	5.160E-02
62	62	Membrane	14	Le	LinStatic	5.093E-02	8.585E-03	-3.604E-03	5.124E-02
63	63	Membrane	14	DEAD	LinStatic	0.13	2.207E-02	-5.818E-03	0.13
63	63	Membrane	13	DEAD	LinStatic	0.13	2.226E-02	-6.499E-03	0.13
63	63	Membrane	15	DEAD	LinStatic	0.13	2.602E-02	-2.088E-03	0.13
63	63	Membrane	16	DEAD	LinStatic	0.13	2.583E-02	-1.407E-03	0.13
63	63	Membrane	14	Lr	LinStatic	0.13	2.183E-02	-5.696E-03	0.13
63	63	Membrane	13	Lr	LinStatic	0.13	2.202E-02	-6.446E-03	0.13
63	63	Membrane	15	Lr	LinStatic	0.13	2.573E-02	-2.085E-03	0.13
63	63	Membrane	16	Lr	LinStatic	0.13	2.554E-02	-1.335E-03	0.13
63	63	Membrane	14	Le	LinStatic	5.691E-02	9.780E-03	-2.552E-03	5.705E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
63	63	Membrane	13	Le	LinStatic	5.733E-02	9.865E-03	-2.888E-03	5.751E-02
63	63	Membrane	15	Le	LinStatic	5.767E-02	1.153E-02	-9.343E-04	5.769E-02
63	63	Membrane	16	Le	LinStatic	5.724E-02	1.144E-02	-5.982E-04	5.725E-02
64	64	Membrane	15	DEAD	LinStatic	0.13	2.603E-02	1.591E-04	0.13
64	64	Membrane	17	DEAD	LinStatic	0.13	2.603E-02	1.840E-03	0.13
64	64	Membrane	18	DEAD	LinStatic	0.13	2.584E-02	1.385E-03	0.13
64	64	Membrane	16	DEAD	LinStatic	0.13	2.583E-02	-2.959E-04	0.13
64	64	Membrane	15	Lr	LinStatic	0.13	2.573E-02	4.455E-05	0.13
64	64	Membrane	17	Lr	LinStatic	0.13	2.574E-02	1.708E-03	0.13
64	64	Membrane	18	Lr	LinStatic	0.13	2.554E-02	1.464E-03	0.13
64	64	Membrane	16	Lr	LinStatic	0.13	2.554E-02	-1.990E-04	0.13
64	64	Membrane	15	Le	LinStatic	5.767E-02	1.153E-02	1.996E-05	5.767E-02
64	64	Membrane	17	Le	LinStatic	5.767E-02	1.153E-02	7.651E-04	5.769E-02
64	64	Membrane	18	Le	LinStatic	5.724E-02	1.145E-02	6.560E-04	5.725E-02
64	64	Membrane	16	Le	LinStatic	5.724E-02	1.144E-02	-8.915E-05	5.724E-02
65	65	Membrane	18	DEAD	LinStatic	0.12	2.392E-02	3.974E-03	0.12
65	65	Membrane	17	DEAD	LinStatic	0.12	2.410E-02	4.127E-03	0.12
65	65	Membrane	19	DEAD	LinStatic	0.12	2.410E-02	4.704E-03	0.12
65	65	Membrane	20	DEAD	LinStatic	0.12	2.392E-02	4.551E-03	0.12
65	65	Membrane	18	Lr	LinStatic	0.12	2.364E-02	4.038E-03	0.12
65	65	Membrane	17	Lr	LinStatic	0.12	2.383E-02	4.006E-03	0.12
65	65	Membrane	19	Lr	LinStatic	0.12	2.383E-02	4.577E-03	0.12
65	65	Membrane	20	Lr	LinStatic	0.12	2.364E-02	4.609E-03	0.12
65	65	Membrane	18	Le	LinStatic	5.298E-02	1.059E-02	1.809E-03	5.306E-02
65	65	Membrane	17	Le	LinStatic	5.339E-02	1.068E-02	1.795E-03	5.347E-02
65	65	Membrane	19	Le	LinStatic	5.339E-02	1.068E-02	2.051E-03	5.349E-02
65	65	Membrane	20	Le	LinStatic	5.298E-02	1.059E-02	2.065E-03	5.308E-02
66	66	Membrane	19	DEAD	LinStatic	0.12	2.408E-02	6.082E-03	0.12
66	66	Membrane	21	DEAD	LinStatic	0.12	2.408E-02	8.152E-03	0.12

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
66	66	Membrane	22	DEAD	LinStatic	0.12	2.391E-02	7.949E-03	0.12
66	66	Membrane	20	DEAD	LinStatic	0.12	2.391E-02	5.878E-03	0.12
66	66	Membrane	19	Lr	LinStatic	0.12	2.381E-02	5.912E-03	0.12
66	66	Membrane	21	Lr	LinStatic	0.12	2.381E-02	7.967E-03	0.12
66	66	Membrane	22	Lr	LinStatic	0.12	2.363E-02	7.952E-03	0.12
66	66	Membrane	20	Lr	LinStatic	0.12	2.363E-02	5.898E-03	0.12
66	66	Membrane	19	Le	LinStatic	5.335E-02	1.067E-02	2.649E-03	5.351E-02
66	66	Membrane	21	Le	LinStatic	5.335E-02	1.067E-02	3.570E-03	5.364E-02
66	66	Membrane	22	Le	LinStatic	5.296E-02	1.059E-02	3.563E-03	5.326E-02
66	66	Membrane	20	Le	LinStatic	5.296E-02	1.059E-02	2.642E-03	5.312E-02
67	67	Membrane	21	DEAD	LinStatic	8.758E-02	1.751E-02	1.095E-02	8.925E-02
67	67	Membrane	23	DEAD	LinStatic	8.758E-02	1.751E-02	1.056E-02	8.913E-02
67	67	Membrane	24	DEAD	LinStatic	8.689E-02	1.737E-02	1.037E-02	8.841E-02
67	67	Membrane	22	DEAD	LinStatic	8.689E-02	1.737E-02	1.076E-02	8.852E-02
67	67	Membrane	21	Lr	LinStatic	8.656E-02	1.731E-02	1.077E-02	8.820E-02
67	67	Membrane	23	Lr	LinStatic	8.657E-02	1.731E-02	1.039E-02	8.809E-02
67	67	Membrane	24	Lr	LinStatic	8.589E-02	1.717E-02	1.038E-02	8.742E-02
67	67	Membrane	22	Lr	LinStatic	8.589E-02	1.717E-02	1.076E-02	8.753E-02
67	67	Membrane	21	Le	LinStatic	3.879E-02	7.754E-03	4.824E-03	3.952E-02
67	67	Membrane	23	Le	LinStatic	3.879E-02	7.755E-03	4.654E-03	3.947E-02
67	67	Membrane	24	Le	LinStatic	3.848E-02	7.695E-03	4.649E-03	3.917E-02
67	67	Membrane	22	Le	LinStatic	3.848E-02	7.694E-03	4.819E-03	3.922E-02
68	68	Membrane	23	DEAD	LinStatic	8.736E-02	1.747E-02	1.162E-02	8.924E-02
68	68	Membrane	25	DEAD	LinStatic	8.736E-02	1.747E-02	1.212E-02	8.941E-02
68	68	Membrane	27	DEAD	LinStatic	8.679E-02	1.736E-02	1.187E-02	8.876E-02
68	68	Membrane	24	DEAD	LinStatic	8.679E-02	1.735E-02	1.137E-02	8.860E-02
68	68	Membrane	23	Lr	LinStatic	8.635E-02	1.727E-02	1.138E-02	8.818E-02
68	68	Membrane	25	Lr	LinStatic	8.635E-02	1.727E-02	1.187E-02	8.834E-02
68	68	Membrane	27	Lr	LinStatic	8.579E-02	1.716E-02	1.188E-02	8.778E-02

Table: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	S11Top	S22Top	S12Top	SMaxTop
						KN/m2	KN/m2	KN/m2	KN/m2
68	68	Membrane	24	Lr	LinStatic	8.579E-02	1.715E-02	1.139E-02	8.763E-02
68	68	Membrane	23	Le	LinStatic	3.869E-02	7.736E-03	5.099E-03	3.951E-02
68	68	Membrane	25	Le	LinStatic	3.869E-02	7.737E-03	5.318E-03	3.958E-02
68	68	Membrane	27	Le	LinStatic	3.844E-02	7.687E-03	5.322E-03	3.933E-02
68	68	Membrane	24	Le	LinStatic	3.844E-02	7.685E-03	5.102E-03	3.926E-02
69	69	Membrane	25	DEAD	LinStatic	3.125E-02	6.249E-03	1.591E-02	3.898E-02
69	69	Membrane	29	DEAD	LinStatic	3.125E-02	6.248E-03	1.592E-02	3.899E-02
69	69	Membrane	30	DEAD	LinStatic	3.104E-02	6.205E-03	1.568E-02	3.862E-02
69	69	Membrane	27	DEAD	LinStatic	3.104E-02	6.206E-03	1.567E-02	3.861E-02
69	69	Membrane	25	Lr	LinStatic	3.089E-02	6.175E-03	1.565E-02	3.847E-02
69	69	Membrane	29	Lr	LinStatic	3.089E-02	6.175E-03	1.568E-02	3.849E-02
69	69	Membrane	30	Lr	LinStatic	3.068E-02	6.133E-03	1.568E-02	3.831E-02
69	69	Membrane	27	Lr	LinStatic	3.068E-02	6.133E-03	1.565E-02	3.830E-02
69	69	Membrane	25	Le	LinStatic	1.384E-02	2.767E-03	7.013E-03	1.724E-02
69	69	Membrane	29	Le	LinStatic	1.384E-02	2.767E-03	7.023E-03	1.725E-02
69	69	Membrane	30	Le	LinStatic	1.374E-02	2.748E-03	7.024E-03	1.717E-02
69	69	Membrane	27	Le	LinStatic	1.374E-02	2.748E-03	7.014E-03	1.716E-02
70	70	Membrane	29	DEAD	LinStatic	3.089E-02	6.175E-03	1.648E-02	3.913E-02
70	70	Membrane	31	DEAD	LinStatic	3.089E-02	6.178E-03	1.444E-02	3.754E-02
70	70	Membrane	32	DEAD	LinStatic	3.085E-02	6.171E-03	1.421E-02	3.733E-02
70	70	Membrane	30	DEAD	LinStatic	3.085E-02	6.167E-03	1.625E-02	3.892E-02
70	70	Membrane	29	Lr	LinStatic	3.052E-02	6.102E-03	1.649E-02	3.883E-02
70	70	Membrane	31	Lr	LinStatic	3.052E-02	6.104E-03	1.435E-02	3.715E-02
70	70	Membrane	32	Lr	LinStatic	3.049E-02	6.098E-03	1.434E-02	3.712E-02
70	70	Membrane	30	Lr	LinStatic	3.049E-02	6.096E-03	1.648E-02	3.880E-02
70	70	Membrane	29	Le	LinStatic	1.368E-02	2.734E-03	7.387E-03	1.740E-02
70	70	Membrane	31	Le	LinStatic	1.368E-02	2.735E-03	6.428E-03	1.665E-02
70	70	Membrane	32	Le	LinStatic	1.366E-02	2.732E-03	6.426E-03	1.663E-02
70	70	Membrane	30	Le	LinStatic	1.366E-02	2.731E-03	7.385E-03	1.738E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
1	1	33	DEAD	-1.744E-02	40.404	4.504E-02	1.222E-02	4.051E-03	2.525E-02
1	1	35	DEAD	-3.161E-02	38.816	6.022E-02	1.055E-02	-4.327E-03	3.392E-02
1	1	1	DEAD	-4.618E-02	54.327	5.802E-02	-2.403E-02	-3.200E-03	3.085E-02
1	1	33	Lr	-1.689E-02	40.395	4.427E-02	1.225E-02	4.209E-03	2.479E-02
1	1	35	Lr	-3.137E-02	38.636	5.947E-02	1.048E-02	-4.633E-03	3.345E-02
1	1	1	Lr	-4.595E-02	54.414	5.779E-02	-2.398E-02	-3.036E-03	3.071E-02
1	1	33	Le	-7.566E-03	40.395	1.984E-02	5.487E-03	1.886E-03	1.111E-02
1	1	35	Le	-1.406E-02	38.636	2.665E-02	4.695E-03	-2.076E-03	1.499E-02
1	1	1	Le	-2.059E-02	54.414	2.589E-02	-1.074E-02	-1.360E-03	1.376E-02
2	2	1	DEAD	-2.053E-02	43.617	7.046E-02	2.059E-02	1.680E-02	3.918E-02
2	2	35	DEAD	-2.010E-02	33.449	5.095E-02	2.023E-02	-2.502E-03	2.664E-02
2	2	3	DEAD	-3.458E-02	38.053	7.177E-02	1.658E-02	-3.232E-03	4.005E-02
2	2	1	Lr	-2.017E-02	43.744	6.975E-02	2.034E-02	1.693E-02	3.877E-02
2	2	35	Lr	-1.973E-02	33.171	4.999E-02	2.010E-02	-2.712E-03	2.603E-02
2	2	3	Lr	-3.451E-02	38.02	7.113E-02	1.625E-02	-3.481E-03	3.969E-02
2	2	1	Le	-9.039E-03	43.744	3.125E-02	9.111E-03	7.587E-03	1.737E-02
2	2	35	Le	-8.839E-03	33.171	2.240E-02	9.005E-03	-1.215E-03	1.166E-02
2	2	3	Le	-1.546E-02	38.02	3.187E-02	7.282E-03	-1.560E-03	1.778E-02
3	3	3	DEAD	-7.074E-03	38.558	6.488E-02	3.458E-02	1.939E-02	3.321E-02
3	3	35	DEAD	-1.637E-02	55.056	3.683E-02	-2.530E-03	1.197E-02	1.980E-02
3	3	5	DEAD	-2.483E-02	16.984	4.891E-02	2.670E-02	-2.003E-02	1.574E-02
3	3	3	Lr	-6.933E-03	38.727	6.431E-02	3.415E-02	1.949E-02	3.294E-02
3	3	35	Lr	-1.560E-02	55.264	3.602E-02	-2.233E-03	1.221E-02	1.929E-02
3	3	5	Lr	-2.553E-02	17.034	4.900E-02	2.611E-02	-2.069E-02	1.582E-02
3	3	3	Le	-3.106E-03	38.727	2.882E-02	1.530E-02	8.731E-03	1.476E-02
3	3	35	Le	-6.992E-03	55.264	1.614E-02	-1.000E-03	5.471E-03	8.641E-03
3	3	5	Le	-1.144E-02	17.034	2.196E-02	1.170E-02	-9.268E-03	7.090E-03
4	4	5	DEAD	-5.334E-02	45.784	8.155E-02	-7.689E-03	-5.119E-03	4.692E-02
4	4	35	DEAD	-0.13	54.369	0.15	-7.635E-02	-2.204E-02	8.005E-02
4	4	37	DEAD	-0.1	60.329	0.11	-7.568E-02	-1.872E-02	4.805E-02
4	4	5	Lr	-5.247E-02	45.659	8.048E-02	-7.205E-03	-5.073E-03	4.632E-02
4	4	35	Lr	-0.13	54.344	0.15	-7.572E-02	-2.202E-02	7.939E-02
4	4	37	Lr	-0.1	60.36	0.11	-7.505E-02	-1.864E-02	4.746E-02
4	4	5	Le	-2.351E-02	45.659	3.606E-02	-3.228E-03	-2.273E-03	2.075E-02
4	4	35	Le	-5.945E-02	54.344	6.863E-02	-3.393E-02	-9.864E-03	3.557E-02
4	4	37	Le	-4.573E-02	60.36	4.771E-02	-3.363E-02	-8.352E-03	2.127E-02
5	5	5	DEAD	-1.829E-02	47.779	1.891E-02	-9.490E-03	-7.604E-03	9.694E-03
5	5	37	DEAD	-7.780E-02	79.239	7.031E-02	-7.574E-02	-2.085E-02	1.082E-02
5	5	39	DEAD	-8.155E-02	-72.361	7.662E-02	-7.508E-02	-1.753E-02	-2.035E-02
5	5	5	Lr	-1.814E-02	47.692	1.864E-02	-9.480E-03	-7.688E-03	9.510E-03
5	5	37	Lr	-7.690E-02	79.25	6.945E-02	-7.488E-02	-2.077E-02	1.066E-02
5	5	39	Lr	-8.061E-02	-72.346	7.571E-02	-7.420E-02	-1.739E-02	-2.012E-02
5	5	5	Le	-8.126E-03	47.692	8.351E-03	-4.248E-03	-3.444E-03	4.261E-03
5	5	37	Le	-3.446E-02	79.25	3.112E-02	-3.355E-02	-9.305E-03	4.775E-03
5	5	39	Le	-3.612E-02	-72.346	3.392E-02	-3.325E-02	-7.793E-03	-9.014E-03
6	6	39	DEAD	-3.487E-02	37.822	9.513E-02	3.230E-02	5.612E-03	5.214E-02
6	6	7	DEAD	-6.099E-03	25.956	0.13	0.1	1.974E-02	5.309E-02
6	6	5	DEAD	-3.234E-02	32.436	0.18	0.1	2.252E-02	8.634E-02
6	6	39	Lr	-3.451E-02	37.799	9.398E-02	3.190E-02	5.443E-03	5.151E-02
6	6	7	Lr	-6.100E-03	25.937	0.13	0.1	1.942E-02	5.247E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
6	6	5	Lr	-3.198E-02	32.434	0.17	0.1	2.226E-02	8.536E-02
6	6	39	Le	-1.546E-02	37.799	4.211E-02	1.429E-02	2.439E-03	2.308E-02
6	6	7	Le	-2.733E-03	25.937	5.845E-02	4.561E-02	8.701E-03	2.351E-02
6	6	5	Le	-1.433E-02	32.434	7.832E-02	4.586E-02	9.976E-03	3.825E-02
7	7	39	DEAD	3.831E-03	-11.482	1.626E-02	1.728E-02	4.386E-03	-2.732E-03
7	7	9	DEAD	1.087E-03	-22.773	0.13	0.11	2.043E-02	-4.607E-02
7	7	7	DEAD	2.317E-02	-1.161	0.1	0.11	2.321E-02	-1.787E-03
7	7	39	Lr	3.755E-03	-11.439	1.609E-02	1.709E-02	4.301E-03	-2.697E-03
7	7	9	Lr	9.856E-04	-22.743	0.13	0.11	2.006E-02	-4.550E-02
7	7	7	Lr	2.287E-02	-1.136	0.1	0.11	2.290E-02	-1.731E-03
7	7	39	Le	1.682E-03	-11.439	7.208E-03	7.656E-03	1.927E-03	-1.209E-03
7	7	9	Le	4.416E-04	-22.743	5.740E-02	4.908E-02	8.988E-03	-2.039E-02
7	7	7	Le	1.025E-02	-1.136	4.511E-02	4.933E-02	1.026E-02	-7.754E-04
8	8	39	DEAD	-0.19	58.667	0.21	-0.13	-3.042E-02	9.945E-02
8	8	41	DEAD	-0.16	66.487	0.15	-0.13	-3.165E-02	5.465E-02
8	8	9	DEAD	-8.198E-02	51.557	0.1	-3.827E-02	-1.261E-02	5.507E-02
8	8	39	Lr	-0.19	58.654	0.21	-0.13	-3.016E-02	9.837E-02
8	8	41	Lr	-0.16	66.461	0.15	-0.13	-3.144E-02	5.407E-02
8	8	9	Lr	-8.118E-02	51.52	0.1	-3.786E-02	-1.261E-02	5.450E-02
8	8	39	Le	-8.588E-02	58.654	9.326E-02	-5.903E-02	-1.351E-02	4.408E-02
8	8	41	Le	-6.970E-02	66.461	6.800E-02	-5.914E-02	-1.409E-02	2.422E-02
8	8	9	Le	-3.637E-02	51.52	4.486E-02	-1.696E-02	-5.650E-03	2.442E-02
9	9	9	DEAD	-3.598E-02	-58.954	3.607E-02	-2.636E-02	-9.440E-03	-1.597E-02
9	9	41	DEAD	-0.14	-81.507	0.13	-0.14	-3.204E-02	-1.639E-02
9	9	43	DEAD	-0.17	-63.694	0.17	-0.14	-3.328E-02	-6.958E-02
9	9	9	Lr	-3.564E-02	-58.878	3.570E-02	-2.609E-02	-9.440E-03	-1.582E-02
9	9	41	Lr	-0.14	-81.478	0.13	-0.14	-3.179E-02	-1.625E-02
9	9	43	Lr	-0.17	-63.668	0.17	-0.14	-3.306E-02	-6.884E-02
9	9	9	Le	-1.597E-02	-58.878	1.599E-02	-1.169E-02	-4.230E-03	-7.088E-03
9	9	41	Le	-6.285E-02	-81.478	5.741E-02	-6.175E-02	-1.424E-02	-7.283E-03
9	9	43	Le	-7.713E-02	-63.668	7.736E-02	-6.187E-02	-1.481E-02	-3.084E-02
10	10	43	DEAD	-3.009E-02	36.116	9.734E-02	4.094E-02	7.725E-03	5.182E-02
10	10	11	DEAD	1.121E-02	20.11	0.17	0.15	3.038E-02	5.235E-02
10	10	9	DEAD	-2.892E-02	29.942	0.23	0.15	3.194E-02	0.11
10	10	43	Lr	-2.978E-02	36.091	9.619E-02	4.045E-02	7.539E-03	5.120E-02
10	10	11	Lr	1.100E-02	20.098	0.17	0.15	2.994E-02	5.175E-02
10	10	9	Lr	-2.859E-02	29.94	0.23	0.15	3.157E-02	0.1
10	10	43	Le	-1.334E-02	36.091	4.310E-02	1.812E-02	3.378E-03	2.294E-02
10	10	11	Le	4.929E-03	20.098	7.444E-02	6.830E-02	1.341E-02	2.319E-02
10	10	9	Le	-1.281E-02	29.94	0.1	6.845E-02	1.414E-02	4.680E-02
11	11	43	DEAD	-8.940E-03	-31.648	5.506E-02	3.381E-02	7.299E-03	-2.635E-02
11	11	13	DEAD	-1.142E-02	-26.484	0.21	0.16	3.063E-02	-8.438E-02
11	11	11	DEAD	2.711E-02	-11.136	0.15	0.16	3.219E-02	-2.582E-02
11	11	43	Lr	-8.856E-03	-31.621	5.447E-02	3.345E-02	7.184E-03	-2.605E-02
11	11	13	Lr	-1.136E-02	-26.466	0.2	0.16	3.015E-02	-8.338E-02
11	11	11	Lr	2.677E-02	-11.123	0.15	0.16	3.178E-02	-2.550E-02
11	11	43	Le	-3.968E-03	-31.621	2.440E-02	1.499E-02	3.219E-03	-1.167E-02
11	11	13	Le	-5.088E-03	-26.466	9.120E-02	6.995E-02	1.351E-02	-3.736E-02
11	11	11	Le	1.199E-02	-11.123	6.716E-02	7.010E-02	1.424E-02	-1.142E-02
12	12	13	DEAD	-8.064E-02	53.256	9.536E-02	-4.297E-02	-1.305E-02	5.046E-02
12	12	43	DEAD	-0.23	60.345	0.24	-0.17	-3.854E-02	0.11
12	12	45	DEAD	-0.19	71.119	0.18	-0.17	-3.821E-02	5.057E-02
12	12	13	Lr	-7.982E-02	53.223	9.435E-02	-4.250E-02	-1.302E-02	4.993E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
12	12	43	Lr	-0.23	60.329	0.24	-0.17	-3.824E-02	0.11
12	12	45	Lr	-0.18	71.097	0.17	-0.17	-3.790E-02	5.005E-02
12	12	13	Le	-3.576E-02	53.223	4.227E-02	-1.904E-02	-5.834E-03	2.237E-02
12	12	43	Le	-0.1	60.329	0.11	-7.482E-02	-1.713E-02	4.866E-02
12	12	45	Le	-8.247E-02	71.097	7.823E-02	-7.479E-02	-1.698E-02	2.242E-02
13	13	13	DEAD	-6.425E-02	-54.925	7.174E-02	-3.869E-02	-1.240E-02	-3.641E-02
13	13	45	DEAD	-0.18	-75.613	0.17	-0.17	-3.888E-02	-3.630E-02
13	13	47	DEAD	-0.22	-61.944	0.23	-0.17	-3.855E-02	-9.859E-02
13	13	13	Lr	-6.365E-02	-54.876	7.103E-02	-3.828E-02	-1.239E-02	-3.606E-02
13	13	45	Lr	-0.18	-75.586	0.17	-0.17	-3.857E-02	-3.594E-02
13	13	47	Lr	-0.22	-61.929	0.23	-0.17	-3.823E-02	-9.753E-02
13	13	13	Le	-2.852E-02	-54.876	3.182E-02	-1.715E-02	-5.553E-03	-1.615E-02
13	13	45	Le	-7.994E-02	-75.586	7.424E-02	-7.580E-02	-1.728E-02	-1.610E-02
13	13	47	Le	-9.907E-02	-61.929	0.1	-7.577E-02	-1.713E-02	-4.370E-02
14	14	47	DEAD	-2.231E-02	34.645	8.530E-02	4.147E-02	8.146E-03	4.407E-02
14	14	15	DEAD	2.191E-02	16.178	0.18	0.17	3.475E-02	4.426E-02
14	14	13	DEAD	-2.260E-02	28.452	0.24	0.17	3.530E-02	0.11
14	14	47	Lr	-2.209E-02	34.621	8.423E-02	4.094E-02	7.948E-03	4.351E-02
14	14	15	Lr	2.159E-02	16.158	0.18	0.17	3.426E-02	4.373E-02
14	14	13	Lr	-2.235E-02	28.449	0.24	0.17	3.489E-02	0.11
14	14	47	Le	-9.899E-03	34.621	3.774E-02	1.834E-02	3.561E-03	1.950E-02
14	14	15	Le	9.676E-03	16.158	7.858E-02	7.730E-02	1.535E-02	1.959E-02
14	14	13	Le	-1.001E-02	28.449	0.11	7.735E-02	1.563E-02	4.734E-02
15	15	15	DEAD	2.332E-02	-15.605	0.18	0.17	3.512E-02	-4.224E-02
15	15	47	DEAD	-2.049E-02	-34.359	8.275E-02	4.157E-02	8.522E-03	-4.243E-02
15	15	17	DEAD	-2.151E-02	-28.143	0.24	0.17	3.457E-02	-0.1
15	15	15	Lr	2.303E-02	-15.596	0.17	0.17	3.468E-02	-4.174E-02
15	15	47	Lr	-2.029E-02	-34.348	8.183E-02	4.111E-02	8.386E-03	-4.196E-02
15	15	17	Lr	-2.134E-02	-28.131	0.24	0.17	3.405E-02	-0.1
15	15	15	Le	1.032E-02	-15.596	7.790E-02	7.732E-02	1.554E-02	-1.870E-02
15	15	47	Le	-9.089E-03	-34.348	3.667E-02	1.842E-02	3.757E-03	-1.880E-02
15	15	17	Le	-9.563E-03	-28.131	0.11	7.727E-02	1.526E-02	-4.642E-02
16	16	17	DEAD	-6.751E-02	54.679	7.619E-02	-3.990E-02	-1.251E-02	3.897E-02
16	16	47	DEAD	-0.23	61.683	0.24	-0.17	-3.928E-02	0.1
16	16	49	DEAD	-0.18	74.912	0.17	-0.17	-3.920E-02	3.900E-02
16	16	17	Lr	-6.686E-02	54.629	7.540E-02	-3.947E-02	-1.252E-02	3.858E-02
16	16	47	Lr	-0.23	61.673	0.23	-0.17	-3.892E-02	0.1
16	16	49	Lr	-0.18	74.892	0.17	-0.17	-3.890E-02	3.858E-02
16	16	17	Le	-2.995E-02	54.629	3.378E-02	-1.768E-02	-5.608E-03	1.728E-02
16	16	47	Le	-0.1	61.673	0.1	-7.680E-02	-1.744E-02	4.511E-02
16	16	49	Le	-8.147E-02	74.892	7.589E-02	-7.680E-02	-1.743E-02	1.729E-02
17	17	49	DEAD	-0.19	-71.756	0.18	-0.17	-3.894E-02	-4.912E-02
17	17	51	DEAD	-0.23	-60.6	0.25	-0.17	-3.886E-02	-0.11
17	17	17	DEAD	-7.945E-02	-53.438	9.329E-02	-4.300E-02	-1.319E-02	-4.915E-02
17	17	49	Lr	-0.19	-71.731	0.18	-0.17	-3.860E-02	-4.862E-02
17	17	51	Lr	-0.23	-60.581	0.24	-0.17	-3.858E-02	-0.11
17	17	17	Lr	-7.864E-02	-53.41	9.229E-02	-4.254E-02	-1.314E-02	-4.862E-02
17	17	49	Le	-8.328E-02	-71.731	7.872E-02	-7.609E-02	-1.729E-02	-2.178E-02
17	17	51	Le	-0.1	-60.581	0.11	-7.609E-02	-1.729E-02	-4.862E-02
17	17	17	Le	-3.524E-02	-53.41	4.135E-02	-1.906E-02	-5.889E-03	-2.179E-02
18	18	19	DEAD	2.689E-02	12.004	0.16	0.16	3.306E-02	2.900E-02
18	18	17	DEAD	-1.328E-02	26.838	0.22	0.16	3.186E-02	8.921E-02
18	18	51	DEAD	-1.114E-02	32.328	6.028E-02	3.533E-02	7.471E-03	2.941E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
18	18	19	Lr	2.651E-02	11.988	0.16	0.16	3.259E-02	2.864E-02
18	18	17	Lr	-1.312E-02	26.833	0.21	0.16	3.148E-02	8.817E-02
18	18	51	Lr	-1.104E-02	32.28	5.952E-02	3.490E-02	7.288E-03	2.902E-02
18	18	19	Le	1.188E-02	11.988	6.986E-02	7.231E-02	1.460E-02	1.283E-02
18	18	17	Le	-5.880E-03	26.833	9.527E-02	7.221E-02	1.410E-02	3.951E-02
18	18	51	Le	-4.948E-03	32.28	2.667E-02	1.564E-02	3.265E-03	1.300E-02
19	19	51	DEAD	-2.899E-02	-35.884	9.638E-02	4.161E-02	7.957E-03	-5.108E-02
19	19	21	DEAD	-2.816E-02	-29.646	0.24	0.16	3.279E-02	-0.11
19	19	19	DEAD	1.346E-02	-19.391	0.17	0.16	3.158E-02	-5.148E-02
19	19	51	Lr	-2.869E-02	-35.874	9.530E-02	4.113E-02	7.825E-03	-5.050E-02
19	19	21	Lr	-2.791E-02	-29.633	0.23	0.16	3.229E-02	-0.11
19	19	19	Lr	1.328E-02	-19.381	0.17	0.16	3.118E-02	-5.087E-02
19	19	51	Le	-1.286E-02	-35.874	4.270E-02	1.843E-02	3.506E-03	-2.263E-02
19	19	21	Le	-1.251E-02	-29.633	0.1	7.085E-02	1.447E-02	-4.742E-02
19	19	19	Le	5.951E-03	-19.381	7.597E-02	7.075E-02	1.397E-02	-2.279E-02
20	20	51	DEAD	-0.18	63.321	0.19	-0.15	-3.443E-02	7.565E-02
20	20	53	DEAD	-0.15	80.165	0.14	-0.15	-3.370E-02	2.022E-02
20	20	21	DEAD	-4.168E-02	57.66	4.299E-02	-2.903E-02	-1.014E-02	1.997E-02
20	20	51	Lr	-0.18	63.307	0.18	-0.15	-3.412E-02	7.482E-02
20	20	53	Lr	-0.15	80.144	0.14	-0.15	-3.345E-02	2.001E-02
20	20	21	Lr	-4.130E-02	57.563	4.255E-02	-2.872E-02	-1.016E-02	1.979E-02
20	20	51	Le	-8.196E-02	63.307	8.275E-02	-6.511E-02	-1.529E-02	3.352E-02
20	20	53	Le	-6.660E-02	80.144	6.101E-02	-6.505E-02	-1.499E-02	8.967E-03
20	20	21	Le	-1.850E-02	57.563	1.907E-02	-1.287E-02	-4.554E-03	8.865E-03
21	21	21	DEAD	-8.265E-02	-51.907	0.1	-3.969E-02	-1.274E-02	-5.480E-02
21	21	53	DEAD	-0.16	-67.404	0.16	-0.14	-3.310E-02	-5.455E-02
21	21	55	DEAD	-0.2	-59.002	0.22	-0.14	-3.236E-02	-0.1
21	21	21	Lr	-8.180E-02	-51.882	0.1	-3.926E-02	-1.270E-02	-5.421E-02
21	21	53	Lr	-0.16	-67.377	0.16	-0.14	-3.282E-02	-5.399E-02
21	21	55	Lr	-0.2	-58.981	0.22	-0.14	-3.215E-02	-0.1
21	21	21	Le	-3.665E-02	-51.882	4.485E-02	-1.759E-02	-5.690E-03	-2.429E-02
21	21	53	Le	-7.275E-02	-67.377	7.055E-02	-6.267E-02	-1.471E-02	-2.419E-02
21	21	55	Le	-8.991E-02	-58.981	9.700E-02	-6.261E-02	-1.441E-02	-4.540E-02
22	22	55	DEAD	2.152E-03	21.034	2.237E-02	2.064E-02	4.885E-03	7.108E-03
22	22	23	DEAD	2.460E-02	3.742	0.11	0.12	2.502E-02	6.324E-03
22	22	21	DEAD	-9.587E-04	23.791	0.14	0.12	2.271E-02	5.369E-02
22	22	55	Lr	2.073E-03	20.863	2.206E-02	2.037E-02	4.730E-03	6.972E-03
22	22	23	Lr	2.423E-02	3.724	0.11	0.12	2.463E-02	6.225E-03
22	22	21	Lr	-9.457E-04	23.783	0.14	0.12	2.243E-02	5.305E-02
22	22	55	Le	9.287E-04	20.863	9.884E-03	9.125E-03	2.119E-03	3.124E-03
22	22	23	Le	1.085E-02	3.724	4.937E-02	5.371E-02	1.104E-02	2.789E-03
22	22	21	Le	-4.237E-04	23.783	6.420E-02	5.351E-02	1.005E-02	2.377E-02
23	23	55	DEAD	-3.420E-02	-37.468	9.673E-02	3.457E-02	6.198E-03	-5.271E-02
23	23	25	DEAD	-3.200E-02	-31.838	0.19	0.11	2.429E-02	-9.066E-02
23	23	23	DEAD	-2.644E-03	-24.725	0.14	0.11	2.199E-02	-5.350E-02
23	23	55	Lr	-3.384E-02	-37.458	9.562E-02	3.417E-02	6.086E-03	-5.211E-02
23	23	25	Lr	-3.170E-02	-31.823	0.19	0.11	2.389E-02	-8.958E-02
23	23	23	Lr	-2.636E-03	-24.715	0.14	0.11	2.169E-02	-5.286E-02
23	23	55	Le	-1.516E-02	-37.458	4.284E-02	1.531E-02	2.727E-03	-2.335E-02
23	23	25	Le	-1.420E-02	-31.823	8.340E-02	5.047E-02	1.070E-02	-4.014E-02
23	23	23	Le	-1.181E-03	-24.715	6.178E-02	5.028E-02	9.719E-03	-2.368E-02
24	24	55	DEAD	-0.1	68.406	9.660E-02	-8.932E-02	-2.321E-02	3.103E-02
24	24	57	DEAD	-8.957E-02	-85.132	8.098E-02	-8.908E-02	-2.203E-02	-5.753E-03

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
24	24	25	DEAD	-1.522E-02	-55.105	1.429E-02	-1.093E-02	-6.396E-03	-6.156E-03
24	24	55	Lr	-0.1	68.385	9.548E-02	-8.829E-02	-2.301E-02	3.068E-02
24	24	57	Lr	-8.855E-02	-85.139	8.001E-02	-8.807E-02	-2.192E-02	-5.666E-03
24	24	25	Lr	-1.507E-02	-54.92	1.409E-02	-1.083E-02	-6.475E-03	-6.037E-03
24	24	55	Le	-4.500E-02	68.385	4.278E-02	-3.956E-02	-1.031E-02	1.375E-02
24	24	57	Le	-3.967E-02	-85.139	3.585E-02	-3.946E-02	-9.822E-03	-2.539E-03
24	24	25	Le	-6.753E-03	-54.92	6.312E-03	-4.853E-03	-2.901E-03	-2.705E-03
25	25	25	DEAD	-7.017E-02	-49.052	9.309E-02	-2.482E-02	-9.933E-03	-5.227E-02
25	25	57	DEAD	-0.11	-60.167	0.12	-8.209E-02	-2.139E-02	-5.187E-02
25	25	59	DEAD	-0.14	-55.68	0.16	-8.185E-02	-2.020E-02	-7.882E-02
25	25	25	Lr	-6.941E-02	-49.024	9.202E-02	-2.453E-02	-9.911E-03	-5.168E-02
25	25	57	Lr	-0.11	-60.141	0.11	-8.115E-02	-2.124E-02	-5.131E-02
25	25	59	Lr	-0.13	-55.65	0.15	-8.094E-02	-2.015E-02	-7.796E-02
25	25	25	Le	-3.110E-02	-49.024	4.123E-02	-1.099E-02	-4.441E-03	-2.315E-02
25	25	57	Le	-4.956E-02	-60.141	5.150E-02	-3.636E-02	-9.515E-03	-2.299E-02
25	25	59	Le	-6.013E-02	-55.65	6.877E-02	-3.626E-02	-9.027E-03	-3.493E-02
26	26	59	DEAD	-2.057E-02	-48.148	3.669E-02	-1.713E-03	2.932E-03	-2.105E-02
26	26	29	DEAD	4.486E-04	-27.033	6.112E-02	4.876E-02	1.303E-02	-2.465E-02
26	26	25	DEAD	2.418E-03	-1.165	4.550E-02	4.664E-02	2.437E-03	-8.991E-04
26	26	59	Lr	-2.040E-02	-48.096	3.630E-02	-1.707E-03	2.814E-03	-2.084E-02
26	26	29	Lr	3.544E-04	-27.02	6.043E-02	4.817E-02	1.279E-02	-2.438E-02
26	26	25	Lr	2.334E-03	-1.196	4.498E-02	4.608E-02	2.353E-03	-9.131E-04
26	26	59	Le	-9.142E-03	-48.096	1.627E-02	-7.648E-04	1.261E-03	-9.335E-03
26	26	29	Le	1.588E-04	-27.02	2.707E-02	2.158E-02	5.730E-03	-1.093E-02
26	26	25	Le	1.046E-03	-1.196	2.015E-02	2.065E-02	1.054E-03	-4.091E-04
27	27	59	DEAD	-2.644E-02	-35.432	7.960E-02	3.295E-02	3.623E-03	-4.226E-02
27	27	31	DEAD	-2.405E-02	-38.95	8.124E-02	3.071E-02	1.173E-02	-4.427E-02
27	27	29	DEAD	-3.181E-02	-37.055	8.410E-02	2.893E-02	2.819E-03	-4.586E-02
27	27	59	Lr	-2.587E-02	-35.205	7.932E-02	3.357E-02	3.719E-03	-4.194E-02
27	27	31	Lr	-2.366E-02	-38.997	7.941E-02	2.982E-02	1.140E-02	-4.330E-02
27	27	29	Lr	-3.189E-02	-37.186	8.323E-02	2.806E-02	2.618E-03	-4.549E-02
27	27	59	Le	-1.159E-02	-35.205	3.554E-02	1.504E-02	1.666E-03	-1.879E-02
27	27	31	Le	-1.060E-02	-38.997	3.558E-02	1.336E-02	5.109E-03	-1.940E-02
27	27	29	Le	-1.429E-02	-37.186	3.729E-02	1.257E-02	1.173E-03	-2.038E-02
28	28	59	DEAD	-5.804E-02	-7.751	5.037E-02	-3.274E-02	-5.757E-02	-3.444E-03
28	28	61	DEAD	-3.360E-02	-61.013	5.983E-02	-1.738E-02	1.925E-02	-2.928E-02
28	28	31	DEAD	-2.074E-02	-41.328	0.11	4.784E-02	3.230E-02	-6.031E-02
28	28	59	Lr	-5.973E-02	-5.033	5.185E-02	-3.360E-02	-5.953E-02	-2.301E-03
28	28	61	Lr	-3.318E-02	-61.657	5.954E-02	-1.768E-02	2.007E-02	-2.872E-02
28	28	31	Lr	-2.016E-02	-41.348	0.11	4.901E-02	3.341E-02	-6.087E-02
28	28	59	Le	-2.676E-02	-5.033	2.323E-02	-1.506E-02	-2.667E-02	-1.031E-03
28	28	61	Le	-1.486E-02	-61.657	2.668E-02	-7.923E-03	8.992E-03	-1.287E-02
28	28	31	Le	-9.033E-03	-41.348	5.108E-02	2.196E-02	1.497E-02	-2.727E-02
29	29	32	DEAD	-2.075E-02	41.314	0.11	4.782E-02	3.222E-02	6.026E-02
29	29	62	DEAD	-3.366E-02	60.974	5.986E-02	-1.739E-02	1.918E-02	2.932E-02
29	29	60	DEAD	-5.791E-02	7.884	5.026E-02	-3.271E-02	-5.743E-02	3.490E-03
29	29	32	Lr	-2.018E-02	41.345	0.11	4.899E-02	3.338E-02	6.086E-02
29	29	62	Lr	-3.320E-02	61.636	5.956E-02	-1.768E-02	2.004E-02	2.875E-02
29	29	60	Lr	-5.968E-02	5.11	5.181E-02	-3.358E-02	-5.947E-02	2.333E-03
29	29	32	Le	-9.040E-03	41.345	5.107E-02	2.195E-02	1.495E-02	2.727E-02
29	29	62	Le	-1.488E-02	61.636	2.669E-02	-7.923E-03	8.979E-03	1.288E-02
29	29	60	Le	-2.674E-02	5.11	2.321E-02	-1.505E-02	-2.665E-02	1.046E-03
30	30	60	DEAD	-2.643E-02	35.502	7.970E-02	3.292E-02	3.771E-03	4.234E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
30	30	30	DEAD	-3.172E-02	37.1	8.410E-02	2.893E-02	2.974E-03	4.587E-02
30	30	32	DEAD	-2.409E-02	38.959	8.127E-02	3.068E-02	1.172E-02	4.429E-02
30	30	60	Lr	-2.586E-02	35.258	7.937E-02	3.353E-02	3.821E-03	4.198E-02
30	30	30	Lr	-3.185E-02	37.223	8.328E-02	2.807E-02	2.729E-03	4.552E-02
30	30	32	Lr	-2.366E-02	39.032	7.949E-02	2.982E-02	1.149E-02	4.336E-02
30	30	60	Le	-1.159E-02	35.258	3.556E-02	1.502E-02	1.712E-03	1.881E-02
30	30	30	Le	-1.427E-02	37.223	3.732E-02	1.258E-02	1.223E-03	2.040E-02
30	30	32	Le	-1.060E-02	39.032	3.562E-02	1.336E-02	5.149E-03	1.943E-02
31	31	30	DEAD	-4.264E-02	55.459	5.415E-02	-2.305E-02	-1.298E-03	2.846E-02
31	31	60	DEAD	-8.846E-02	71.781	8.628E-02	-8.026E-02	-1.274E-02	2.492E-02
31	31	58	DEAD	-8.240E-02	-88.07	7.363E-02	-8.234E-02	-2.313E-02	-1.998E-03
31	31	30	Lr	-4.220E-02	55.413	5.363E-02	-2.276E-02	-1.302E-03	2.820E-02
31	31	60	Lr	-8.746E-02	71.762	8.531E-02	-7.934E-02	-1.262E-02	2.466E-02
31	31	58	Lr	-8.148E-02	-88.077	7.277E-02	-8.142E-02	-2.303E-02	-1.962E-03
31	31	30	Le	-1.891E-02	55.413	2.403E-02	-1.020E-02	-5.832E-04	1.264E-02
31	31	60	Le	-3.919E-02	71.762	3.822E-02	-3.555E-02	-5.653E-03	1.105E-02
31	31	58	Le	-3.651E-02	-88.077	3.261E-02	-3.648E-02	-1.032E-02	-8.793E-04
32	32	58	DEAD	-5.572E-02	44.427	8.866E-02	-3.576E-03	-5.619E-03	5.111E-02
32	32	27	DEAD	-2.999E-02	33.811	9.969E-02	4.681E-02	4.459E-03	5.143E-02
32	32	30	DEAD	-5.176E-02	37.266	0.14	4.700E-02	5.416E-03	7.515E-02
32	32	58	Lr	-5.516E-02	44.393	8.762E-02	-3.576E-03	-5.716E-03	5.051E-02
32	32	27	Lr	-2.978E-02	33.784	9.860E-02	4.624E-02	4.248E-03	5.086E-02
32	32	30	Lr	-5.123E-02	37.261	0.14	4.645E-02	5.296E-03	7.431E-02
32	32	58	Le	-2.472E-02	44.393	3.926E-02	-1.602E-03	-2.561E-03	2.263E-02
32	32	27	Le	-1.334E-02	33.784	4.418E-02	2.072E-02	1.903E-03	2.279E-02
32	32	30	Le	-2.295E-02	37.261	6.095E-02	2.081E-02	2.373E-03	3.329E-02
33	33	27	DEAD	-1.527E-02	55.465	1.424E-02	-1.113E-02	-6.517E-03	6.026E-03
33	33	58	DEAD	-8.937E-02	85.158	8.077E-02	-8.888E-02	-2.207E-02	5.701E-03
33	33	56	DEAD	-0.1	-68.456	9.631E-02	-8.907E-02	-2.302E-02	-3.089E-02
33	33	27	Lr	-1.513E-02	55.33	1.408E-02	-1.102E-02	-6.534E-03	5.949E-03
33	33	58	Lr	-8.833E-02	85.188	7.980E-02	-8.786E-02	-2.190E-02	5.592E-03
33	33	56	Lr	-0.1	-68.404	9.521E-02	-8.807E-02	-2.295E-02	-3.057E-02
33	33	27	Le	-6.781E-03	55.33	6.309E-03	-4.938E-03	-2.928E-03	2.665E-03
33	33	58	Le	-3.958E-02	85.188	3.575E-02	-3.936E-02	-9.813E-03	2.506E-03
33	33	56	Le	-4.488E-02	-68.404	4.266E-02	-3.946E-02	-1.028E-02	-1.370E-02
34	34	56	DEAD	-3.411E-02	37.519	9.625E-02	3.425E-02	6.196E-03	5.249E-02
34	34	24	DEAD	-2.608E-03	24.743	0.14	0.11	2.192E-02	5.321E-02
34	34	27	DEAD	-3.197E-02	31.841	0.19	0.11	2.404E-02	9.020E-02
34	34	56	Lr	-3.375E-02	37.49	9.510E-02	3.386E-02	6.029E-03	5.185E-02
34	34	24	Lr	-2.668E-03	24.733	0.14	0.11	2.156E-02	5.260E-02
34	34	27	Lr	-3.160E-02	31.839	0.19	0.11	2.376E-02	8.915E-02
34	34	56	Le	-1.512E-02	37.49	4.261E-02	1.517E-02	2.701E-03	2.323E-02
34	34	24	Le	-1.195E-03	24.733	6.143E-02	4.997E-02	9.661E-03	2.357E-02
34	34	27	Le	-1.416E-02	31.839	8.296E-02	5.016E-02	1.064E-02	3.994E-02
35	35	24	DEAD	2.441E-02	-3.664	0.11	0.12	2.480E-02	-6.150E-03
35	35	56	DEAD	2.136E-03	-20.821	2.184E-02	2.021E-02	4.750E-03	-6.874E-03
35	35	22	DEAD	-8.523E-04	-23.803	0.14	0.12	2.267E-02	-5.333E-02
35	35	24	Lr	2.409E-02	-3.638	0.11	0.12	2.447E-02	-6.038E-03
35	35	56	Lr	2.085E-03	-20.765	2.158E-02	1.998E-02	4.658E-03	-6.785E-03
35	35	22	Lr	-9.224E-04	-23.776	0.14	0.12	2.228E-02	-5.266E-02
35	35	24	Le	1.079E-02	-3.638	4.902E-02	5.334E-02	1.097E-02	-2.705E-03
35	35	56	Le	9.343E-04	-20.765	9.671E-03	8.951E-03	2.087E-03	-3.040E-03
35	35	22	Le	-4.133E-04	-23.776	6.375E-02	5.315E-02	9.982E-03	-2.360E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
36	36	22	DEAD	-8.257E-02	51.948	0.1	-3.977E-02	-1.271E-02	5.469E-02
36	36	56	DEAD	-0.2	58.997	0.22	-0.14	-3.238E-02	0.1
36	36	54	DEAD	-0.16	67.392	0.16	-0.14	-3.298E-02	5.448E-02
36	36	22	Lr	-8.175E-02	51.911	9.998E-02	-3.934E-02	-1.271E-02	5.412E-02
36	36	56	Lr	-0.2	58.983	0.22	-0.14	-3.210E-02	0.1
36	36	54	Lr	-0.16	67.365	0.16	-0.14	-3.275E-02	5.390E-02
36	36	22	Le	-3.663E-02	51.911	4.480E-02	-1.763E-02	-5.693E-03	2.425E-02
36	36	56	Le	-8.968E-02	58.983	9.674E-02	-6.246E-02	-1.438E-02	4.527E-02
36	36	54	Le	-7.259E-02	67.365	7.040E-02	-6.252E-02	-1.467E-02	2.415E-02
37	37	54	DEAD	-0.15	-80.137	0.14	-0.15	-3.366E-02	-2.022E-02
37	37	52	DEAD	-0.18	-63.34	0.19	-0.15	-3.426E-02	-7.539E-02
37	37	22	DEAD	-4.187E-02	-57.695	4.314E-02	-2.921E-02	-1.021E-02	-2.002E-02
37	37	54	Lr	-0.15	-80.111	0.14	-0.14	-3.338E-02	-2.003E-02
37	37	52	Lr	-0.18	-63.317	0.18	-0.14	-3.403E-02	-7.456E-02
37	37	22	Lr	-4.146E-02	-57.633	4.268E-02	-2.890E-02	-1.020E-02	-1.981E-02
37	37	54	Le	-6.644E-02	-80.111	6.086E-02	-6.487E-02	-1.496E-02	-8.975E-03
37	37	52	Le	-8.172E-02	-63.317	8.250E-02	-6.493E-02	-1.525E-02	-3.341E-02
37	37	22	Le	-1.858E-02	-57.633	1.912E-02	-1.295E-02	-4.572E-03	-8.876E-03
38	38	22	DEAD	-2.811E-02	29.649	0.23	0.16	3.248E-02	0.11
38	38	52	DEAD	-2.890E-02	35.943	9.571E-02	4.113E-02	7.911E-03	5.077E-02
38	38	20	DEAD	1.343E-02	19.39	0.17	0.16	3.142E-02	5.112E-02
38	38	22	Lr	-2.780E-02	29.647	0.23	0.16	3.210E-02	0.11
38	38	52	Lr	-2.861E-02	35.918	9.456E-02	4.063E-02	7.721E-03	5.015E-02
38	38	20	Lr	1.319E-02	19.379	0.17	0.16	3.097E-02	5.053E-02
38	38	22	Le	-1.246E-02	29.647	0.1	7.038E-02	1.438E-02	4.715E-02
38	38	52	Le	-1.282E-02	35.918	4.237E-02	1.820E-02	3.459E-03	2.247E-02
38	38	20	Le	5.911E-03	19.379	7.547E-02	7.028E-02	1.388E-02	2.264E-02
39	39	20	DEAD	2.670E-02	-11.968	0.16	0.16	3.279E-02	-2.871E-02
39	39	52	DEAD	-1.109E-02	-32.346	5.954E-02	3.481E-02	7.322E-03	-2.907E-02
39	39	18	DEAD	-1.313E-02	-26.851	0.21	0.16	3.173E-02	-8.862E-02
39	39	20	Lr	2.637E-02	-11.951	0.15	0.16	3.237E-02	-2.834E-02
39	39	52	Lr	-1.098E-02	-32.327	5.885E-02	3.441E-02	7.200E-03	-2.873E-02
39	39	18	Lr	-1.306E-02	-26.834	0.21	0.16	3.124E-02	-8.757E-02
39	39	20	Le	1.182E-02	-11.951	6.935E-02	7.181E-02	1.450E-02	-1.270E-02
39	39	52	Le	-4.919E-03	-32.327	2.637E-02	1.542E-02	3.226E-03	-1.287E-02
39	39	18	Le	-5.850E-03	-26.834	9.462E-02	7.171E-02	1.400E-02	-3.924E-02
40	40	18	DEAD	-7.941E-02	53.499	9.316E-02	-4.312E-02	-1.314E-02	4.904E-02
40	40	52	DEAD	-0.23	60.591	0.25	-0.17	-3.891E-02	0.11
40	40	50	DEAD	-0.19	71.735	0.18	-0.17	-3.877E-02	4.908E-02
40	40	18	Lr	-7.863E-02	53.457	9.220E-02	-4.265E-02	-1.313E-02	4.854E-02
40	40	52	Lr	-0.23	60.579	0.24	-0.17	-3.855E-02	0.11
40	40	50	Lr	-0.19	71.712	0.18	-0.17	-3.848E-02	4.857E-02
40	40	18	Le	-3.523E-02	53.457	4.131E-02	-1.911E-02	-5.884E-03	2.175E-02
40	40	52	Le	-0.1	60.579	0.11	-7.590E-02	-1.727E-02	4.848E-02
40	40	50	Le	-8.308E-02	71.712	7.854E-02	-7.589E-02	-1.724E-02	2.176E-02
41	41	50	DEAD	-0.18	-74.881	0.17	-0.17	-3.917E-02	-3.896E-02
41	41	48	DEAD	-0.23	-61.704	0.24	-0.17	-3.904E-02	-0.1
41	41	18	DEAD	-6.774E-02	-54.709	7.634E-02	-4.013E-02	-1.263E-02	-3.901E-02
41	41	50	Lr	-0.18	-74.86	0.17	-0.17	-3.884E-02	-3.856E-02
41	41	48	Lr	-0.22	-61.686	0.23	-0.17	-3.876E-02	-0.1
41	41	18	Lr	-6.704E-02	-54.676	7.551E-02	-3.970E-02	-1.259E-02	-3.859E-02
41	41	50	Le	-8.126E-02	-74.86	7.570E-02	-7.658E-02	-1.740E-02	-1.728E-02
41	41	48	Le	-0.1	-61.686	0.1	-7.658E-02	-1.737E-02	-4.495E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
41	41	18	Le	-3.004E-02	-54.676	3.383E-02	-1.779E-02	-5.641E-03	-1.729E-02
42	42	18	DEAD	-2.139E-02	28.157	0.24	0.17	3.439E-02	0.1
42	42	48	DEAD	-2.043E-02	34.41	8.185E-02	4.091E-02	8.351E-03	4.202E-02
42	42	16	DEAD	2.318E-02	15.572	0.17	0.17	3.485E-02	4.187E-02
42	42	18	Lr	-2.116E-02	28.156	0.24	0.17	3.399E-02	0.1
42	42	48	Lr	-2.025E-02	34.38	8.087E-02	4.043E-02	8.156E-03	4.151E-02
42	42	16	Lr	2.283E-02	15.562	0.17	0.17	3.436E-02	4.139E-02
42	42	18	Le	-9.479E-03	28.156	0.11	7.678E-02	1.523E-02	4.617E-02
42	42	48	Le	-9.071E-03	34.38	3.624E-02	1.811E-02	3.655E-03	1.860E-02
42	42	16	Le	1.023E-02	15.562	7.737E-02	7.682E-02	1.540E-02	1.854E-02
43	43	16	DEAD	2.183E-02	-16.155	0.18	0.17	3.454E-02	-4.388E-02
43	43	48	DEAD	-2.222E-02	-34.702	8.454E-02	4.092E-02	8.057E-03	-4.373E-02
43	43	14	DEAD	-2.255E-02	-28.453	0.24	0.17	3.500E-02	-0.11
43	43	16	Lr	2.155E-02	-16.143	0.17	0.17	3.410E-02	-4.336E-02
43	43	48	Lr	-2.198E-02	-34.683	8.359E-02	4.049E-02	7.934E-03	-4.323E-02
43	43	14	Lr	-2.235E-02	-28.437	0.24	0.17	3.447E-02	-0.1
43	43	16	Le	9.658E-03	-16.143	7.801E-02	7.677E-02	1.528E-02	-1.943E-02
43	43	48	Le	-9.849E-03	-34.683	3.745E-02	1.814E-02	3.555E-03	-1.937E-02
43	43	14	Le	-1.002E-02	-28.437	0.11	7.680E-02	1.545E-02	-4.702E-02
44	44	14	DEAD	-6.433E-02	54.962	7.177E-02	-3.881E-02	-1.243E-02	3.639E-02
44	44	48	DEAD	-0.22	61.949	0.23	-0.17	-3.845E-02	9.831E-02
44	44	46	DEAD	-0.18	75.589	0.17	-0.17	-3.879E-02	3.627E-02
44	44	14	Lr	-6.369E-02	54.916	7.103E-02	-3.839E-02	-1.240E-02	3.602E-02
44	44	48	Lr	-0.22	61.93	0.23	-0.17	-3.816E-02	9.726E-02
44	44	46	Lr	-0.18	75.563	0.17	-0.17	-3.848E-02	3.592E-02
44	44	14	Le	-2.854E-02	54.916	3.182E-02	-1.720E-02	-5.557E-03	1.614E-02
44	44	48	Le	-9.882E-02	61.93	0.1	-7.558E-02	-1.710E-02	4.358E-02
44	44	46	Le	-7.975E-02	75.563	7.408E-02	-7.561E-02	-1.724E-02	1.609E-02
45	45	46	DEAD	-0.19	-71.092	0.18	-0.17	-3.812E-02	-5.054E-02
45	45	44	DEAD	-0.23	-60.345	0.24	-0.17	-3.846E-02	-0.11
45	45	14	DEAD	-8.069E-02	-53.291	9.535E-02	-4.310E-02	-1.307E-02	-5.042E-02
45	45	46	Lr	-0.18	-71.068	0.17	-0.17	-3.782E-02	-5.002E-02
45	45	44	Lr	-0.23	-60.332	0.24	-0.17	-3.813E-02	-0.11
45	45	14	Lr	-7.991E-02	-53.257	9.437E-02	-4.265E-02	-1.306E-02	-4.991E-02
45	45	46	Le	-8.228E-02	-71.068	7.806E-02	-7.459E-02	-1.695E-02	-2.241E-02
45	45	44	Le	-0.1	-60.332	0.11	-7.462E-02	-1.709E-02	-4.852E-02
45	45	14	Le	-3.580E-02	-53.257	4.228E-02	-1.911E-02	-5.850E-03	-2.236E-02
46	46	44	DEAD	-8.821E-03	31.713	5.452E-02	3.344E-02	7.315E-03	2.611E-02
46	46	12	DEAD	2.705E-02	11.082	0.15	0.16	3.204E-02	2.546E-02
46	46	14	DEAD	-1.147E-02	26.446	0.2	0.16	3.013E-02	8.364E-02
46	46	44	Lr	-8.766E-03	31.668	5.381E-02	3.299E-02	7.124E-03	2.576E-02
46	46	12	Lr	2.667E-02	11.062	0.15	0.16	3.159E-02	2.515E-02
46	46	14	Lr	-1.135E-02	26.444	0.2	0.15	2.979E-02	8.270E-02
46	46	44	Le	-3.927E-03	31.668	2.411E-02	1.478E-02	3.192E-03	1.154E-02
46	46	12	Le	1.195E-02	11.062	6.662E-02	6.958E-02	1.415E-02	1.127E-02
46	46	14	Le	-5.084E-03	26.444	9.050E-02	6.942E-02	1.335E-02	3.706E-02
47	47	44	DEAD	-3.004E-02	-36.137	9.640E-02	4.030E-02	7.465E-03	-5.136E-02
47	47	10	DEAD	-2.869E-02	-29.978	0.23	0.15	3.195E-02	-0.11
47	47	12	DEAD	1.101E-02	-20.095	0.17	0.15	3.004E-02	-5.201E-02
47	47	44	Lr	-2.973E-02	-36.127	9.532E-02	3.985E-02	7.344E-03	-5.078E-02
47	47	10	Lr	-2.844E-02	-29.964	0.23	0.15	3.146E-02	-0.1
47	47	12	Lr	1.087E-02	-20.085	0.17	0.15	2.966E-02	-5.140E-02
47	47	44	Le	-1.332E-02	-36.127	4.271E-02	1.785E-02	3.290E-03	-2.275E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
47	47	10	Le	-1.274E-02	-29.964	0.1	6.801E-02	1.410E-02	-4.656E-02
47	47	12	Le	4.869E-03	-20.085	7.396E-02	6.785E-02	1.329E-02	-2.303E-02
48	48	44	DEAD	-0.17	63.7	0.17	-0.14	-3.322E-02	6.932E-02
48	48	42	DEAD	-0.14	81.469	0.13	-0.14	-3.195E-02	1.642E-02
48	48	10	DEAD	-3.614E-02	59.058	3.620E-02	-2.656E-02	-9.467E-03	1.599E-02
48	48	44	Lr	-0.17	63.684	0.17	-0.14	-3.293E-02	6.857E-02
48	48	42	Lr	-0.14	81.445	0.13	-0.14	-3.173E-02	1.627E-02
48	48	10	Lr	-3.583E-02	58.938	3.586E-02	-2.628E-02	-9.501E-03	1.586E-02
48	48	44	Le	-7.688E-02	63.684	7.710E-02	-6.168E-02	-1.475E-02	3.072E-02
48	48	42	Le	-6.267E-02	81.445	5.725E-02	-6.158E-02	-1.422E-02	7.289E-03
48	48	10	Le	-1.606E-02	58.938	1.607E-02	-1.177E-02	-4.257E-03	7.106E-03
49	49	10	DEAD	-8.195E-02	-51.574	0.1	-3.832E-02	-1.263E-02	-5.499E-02
49	49	42	DEAD	-0.16	-66.47	0.15	-0.13	-3.160E-02	-5.456E-02
49	49	40	DEAD	-0.19	-58.67	0.21	-0.13	-3.033E-02	-9.918E-02
49	49	10	Lr	-8.111E-02	-51.549	9.999E-02	-3.791E-02	-1.260E-02	-5.441E-02
49	49	42	Lr	-0.16	-66.444	0.15	-0.13	-3.134E-02	-5.400E-02
49	49	40	Lr	-0.19	-58.649	0.21	-0.13	-3.015E-02	-9.811E-02
49	49	10	Le	-3.634E-02	-51.549	4.480E-02	-1.699E-02	-5.643E-03	-2.438E-02
49	49	42	Le	-6.954E-02	-66.444	6.786E-02	-5.899E-02	-1.404E-02	-2.419E-02
49	49	40	Le	-8.566E-02	-58.649	9.301E-02	-5.888E-02	-1.351E-02	-4.396E-02
50	50	40	DEAD	3.854E-03	11.092	1.587E-02	1.693E-02	4.357E-03	2.564E-03
50	50	8	DEAD	2.305E-02	1.027	0.1	0.11	2.308E-02	1.569E-03
50	50	10	DEAD	1.043E-03	22.727	0.13	0.11	2.015E-02	4.562E-02
50	50	40	Lr	3.736E-03	10.863	1.566E-02	1.672E-02	4.214E-03	2.491E-03
50	50	8	Lr	2.270E-02	1.013	9.992E-02	0.11	2.273E-02	1.530E-03
50	50	10	Lr	1.022E-03	22.719	0.13	0.11	1.990E-02	4.509E-02
50	50	40	Le	1.674E-03	10.863	7.018E-03	7.490E-03	1.888E-03	1.116E-03
50	50	8	Le	1.017E-02	1.013	4.477E-02	4.897E-02	1.018E-02	6.857E-04
50	50	10	Le	4.581E-04	22.719	5.694E-02	4.871E-02	8.917E-03	2.020E-02
51	51	8	DEAD	-6.191E-03	-25.974	0.13	0.1	1.955E-02	-5.284E-02
51	51	40	DEAD	-3.479E-02	-37.839	9.456E-02	3.196E-02	5.489E-03	-5.185E-02
51	51	6	DEAD	-3.220E-02	-32.467	0.18	0.1	2.248E-02	-8.593E-02
51	51	8	Lr	-6.137E-03	-25.96	0.13	0.1	1.929E-02	-5.222E-02
51	51	40	Lr	-3.442E-02	-37.83	9.348E-02	3.159E-02	5.380E-03	-5.126E-02
51	51	6	Lr	-3.190E-02	-32.451	0.17	0.1	2.211E-02	-8.494E-02
51	51	8	Le	-2.750E-03	-25.96	5.812E-02	4.530E-02	8.641E-03	-2.340E-02
51	51	40	Le	-1.542E-02	-37.83	4.188E-02	1.415E-02	2.410E-03	-2.297E-02
51	51	6	Le	-1.429E-02	-32.451	7.789E-02	4.556E-02	9.907E-03	-3.806E-02
52	52	6	DEAD	-1.833E-02	-47.995	1.889E-02	-9.632E-03	-7.606E-03	-9.655E-03
52	52	40	DEAD	-8.127E-02	72.384	7.632E-02	-7.484E-02	-1.754E-02	2.024E-02
52	52	38	DEAD	-7.753E-02	-79.268	7.007E-02	-7.549E-02	-2.078E-02	-1.076E-02
52	52	6	Lr	-1.817E-02	-47.862	1.859E-02	-9.618E-03	-7.724E-03	-9.448E-03
52	52	40	Lr	-8.031E-02	72.388	7.542E-02	-7.396E-02	-1.732E-02	1.999E-02
52	52	38	Lr	-7.665E-02	-79.262	6.922E-02	-7.464E-02	-2.073E-02	-1.061E-02
52	52	6	Le	-8.139E-03	-47.862	8.330E-03	-4.309E-03	-3.461E-03	-4.233E-03
52	52	40	Le	-3.598E-02	72.388	3.379E-02	-3.314E-02	-7.762E-03	8.959E-03
52	52	38	Le	-3.435E-02	-79.262	3.101E-02	-3.344E-02	-9.288E-03	-4.752E-03
53	53	38	DEAD	-0.1	-60.319	0.11	-7.552E-02	-1.871E-02	-4.796E-02
53	53	36	DEAD	-0.13	-54.373	0.15	-7.617E-02	-2.195E-02	-7.988E-02
53	53	6	DEAD	-5.329E-02	-45.777	8.144E-02	-7.686E-03	-5.142E-03	-4.686E-02
53	53	38	Lr	-0.1	-60.352	0.11	-7.488E-02	-1.860E-02	-4.739E-02
53	53	36	Lr	-0.13	-54.337	0.15	-7.556E-02	-2.200E-02	-7.924E-02
53	53	6	Lr	-5.237E-02	-45.663	8.033E-02	-7.200E-03	-5.061E-03	-4.623E-02

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
53	53	38	Le	-4.563E-02	-60.352	4.762E-02	-3.355E-02	-8.332E-03	-2.123E-02
53	53	36	Le	-5.933E-02	-54.337	6.849E-02	-3.385E-02	-9.858E-03	-3.550E-02
53	53	6	Le	-2.347E-02	-45.663	3.599E-02	-3.226E-03	-2.268E-03	-2.071E-02
54	54	6	DEAD	-2.517E-02	-17.175	4.895E-02	2.633E-02	-2.025E-02	-1.592E-02
54	54	36	DEAD	-1.649E-02	-55.109	3.689E-02	-2.661E-03	1.194E-02	-1.983E-02
54	54	4	DEAD	-7.324E-03	-38.684	6.486E-02	3.424E-02	1.932E-02	-3.328E-02
54	54	6	Lr	-2.577E-02	-17.226	4.899E-02	2.577E-02	-2.082E-02	-1.598E-02
54	54	36	Lr	-1.578E-02	-55.283	3.611E-02	-2.375E-03	1.214E-02	-1.934E-02
54	54	4	Lr	-7.196E-03	-38.834	6.428E-02	3.380E-02	1.937E-02	-3.301E-02
54	54	6	Le	-1.155E-02	-17.226	2.195E-02	1.154E-02	-9.328E-03	-7.160E-03
54	54	36	Le	-7.068E-03	-55.283	1.618E-02	-1.064E-03	5.438E-03	-8.666E-03
54	54	4	Le	-3.224E-03	-38.834	2.880E-02	1.515E-02	8.680E-03	-1.479E-02
55	55	4	DEAD	-3.458E-02	-38.048	7.153E-02	1.643E-02	-3.337E-03	-3.992E-02
55	55	36	DEAD	-2.001E-02	-33.358	5.068E-02	2.019E-02	-2.584E-03	-2.647E-02
55	55	2	DEAD	-2.045E-02	-43.651	7.017E-02	2.045E-02	1.677E-02	-3.902E-02
55	55	4	Lr	-3.449E-02	-38.019	7.087E-02	1.610E-02	-3.564E-03	-3.955E-02
55	55	36	Lr	-1.964E-02	-33.097	4.976E-02	2.007E-02	-2.771E-03	-2.589E-02
55	55	2	Lr	-2.011E-02	-43.766	6.944E-02	2.019E-02	1.686E-02	-3.860E-02
55	55	4	Le	-1.545E-02	-38.019	3.175E-02	7.215E-03	-1.597E-03	-1.772E-02
55	55	36	Le	-8.801E-03	-33.097	2.230E-02	8.992E-03	-1.241E-03	-1.160E-02
55	55	2	Le	-9.012E-03	-43.766	3.111E-02	9.046E-03	7.555E-03	-1.730E-02
56	56	2	DEAD	-4.616E-02	-54.386	5.794E-02	-2.412E-02	-3.192E-03	-3.078E-02
56	56	36	DEAD	-3.154E-02	-38.771	6.009E-02	1.058E-02	-4.363E-03	-3.383E-02
56	56	34	DEAD	-1.728E-02	-40.373	4.485E-02	1.227E-02	4.086E-03	-2.513E-02
56	56	2	Lr	-4.591E-02	-54.472	5.766E-02	-2.406E-02	-3.048E-03	-3.061E-02
56	56	36	Lr	-3.128E-02	-38.607	5.936E-02	1.052E-02	-4.628E-03	-3.338E-02
56	56	34	Lr	-1.676E-02	-40.359	4.410E-02	1.229E-02	4.222E-03	-2.469E-02
56	56	2	Le	-2.057E-02	-54.472	2.584E-02	-1.078E-02	-1.366E-03	-1.371E-02
56	56	36	Le	-1.402E-02	-38.607	2.659E-02	4.714E-03	-2.074E-03	-1.496E-02
56	56	34	Le	-7.508E-03	-40.359	1.976E-02	5.507E-03	1.892E-03	-1.106E-02
57	57	2	DEAD	-3.399E-03	-29.537	2.813E-02	1.906E-02	3.813E-03	-1.273E-02
57	57	1	DEAD	-3.232E-03	-29.321	2.798E-02	1.916E-02	3.832E-03	-1.258E-02
57	57	3	DEAD	-4.363E-03	-30.553	2.978E-02	1.916E-02	3.834E-03	-1.389E-02
57	57	4	DEAD	-4.535E-03	-30.744	2.994E-02	1.906E-02	3.814E-03	-1.404E-02
57	57	2	Lr	-3.405E-03	-29.59	2.787E-02	1.884E-02	3.768E-03	-1.263E-02
57	57	1	Lr	-3.386E-03	-29.547	2.796E-02	1.894E-02	3.787E-03	-1.265E-02
57	57	3	Lr	-4.520E-03	-30.757	2.976E-02	1.894E-02	3.787E-03	-1.396E-02
57	57	4	Lr	-4.540E-03	-30.799	2.968E-02	1.884E-02	3.768E-03	-1.394E-02
57	57	2	Le	-1.525E-03	-29.59	1.249E-02	8.441E-03	1.688E-03	-5.659E-03
57	57	1	Le	-1.517E-03	-29.547	1.253E-02	8.485E-03	1.697E-03	-5.670E-03
57	57	3	Le	-2.025E-03	-30.757	1.334E-02	8.485E-03	1.697E-03	-6.254E-03
57	57	4	Le	-2.034E-03	-30.799	1.330E-02	8.441E-03	1.688E-03	-6.244E-03
58	58	3	DEAD	-5.378E-03	-31.387	3.195E-02	1.961E-02	3.924E-03	-1.525E-02
58	58	5	DEAD	-6.597E-03	-32.351	3.391E-02	1.961E-02	3.919E-03	-1.660E-02
58	58	6	DEAD	-6.844E-03	-32.599	3.399E-02	1.934E-02	3.865E-03	-1.675E-02
58	58	4	DEAD	-5.620E-03	-31.657	3.201E-02	1.934E-02	3.870E-03	-1.539E-02
58	58	3	Lr	-5.455E-03	-31.505	3.180E-02	1.938E-02	3.876E-03	-1.522E-02
58	58	5	Lr	-6.678E-03	-32.468	3.377E-02	1.938E-02	3.873E-03	-1.658E-02
58	58	6	Lr	-6.784E-03	-32.613	3.363E-02	1.912E-02	3.820E-03	-1.657E-02
58	58	4	Lr	-5.557E-03	-31.657	3.164E-02	1.912E-02	3.823E-03	-1.521E-02
58	58	3	Le	-2.444E-03	-31.505	1.425E-02	8.685E-03	1.737E-03	-6.821E-03
58	58	5	Le	-2.992E-03	-32.468	1.513E-02	8.685E-03	1.735E-03	-7.430E-03
58	58	6	Le	-3.040E-03	-32.613	1.507E-02	8.565E-03	1.712E-03	-7.425E-03

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
58	58	4	Le	-2.490E-03	-31.657	1.418E-02	8.565E-03	1.713E-03	-6.817E-03
59	59	5	DEAD	1.245E-02	-12.791	7.757E-02	7.958E-02	1.591E-02	-1.524E-02
59	59	7	DEAD	1.341E-02	-10.997	7.627E-02	7.958E-02	1.591E-02	-1.286E-02
59	59	8	DEAD	1.322E-02	-11.196	7.586E-02	7.903E-02	1.580E-02	-1.302E-02
59	59	6	DEAD	1.225E-02	-12.991	7.719E-02	7.903E-02	1.580E-02	-1.541E-02
59	59	5	Lr	1.227E-02	-12.857	7.675E-02	7.868E-02	1.573E-02	-1.516E-02
59	59	7	Lr	1.323E-02	-11.057	7.544E-02	7.868E-02	1.573E-02	-1.279E-02
59	59	8	Lr	1.312E-02	-11.108	7.495E-02	7.813E-02	1.562E-02	-1.277E-02
59	59	6	Lr	1.215E-02	-12.919	7.626E-02	7.813E-02	1.562E-02	-1.513E-02
59	59	5	Le	5.499E-03	-12.857	3.439E-02	3.525E-02	7.049E-03	-6.792E-03
59	59	7	Le	5.929E-03	-11.057	3.380E-02	3.525E-02	7.049E-03	-5.730E-03
59	59	8	Le	5.877E-03	-11.108	3.358E-02	3.501E-02	7.000E-03	-5.720E-03
59	59	6	Le	5.445E-03	-12.919	3.417E-02	3.501E-02	7.000E-03	-6.781E-03
60	60	7	DEAD	1.436E-02	-8.875	7.527E-02	7.982E-02	1.596E-02	-1.022E-02
60	60	9	DEAD	1.430E-02	-9.04	7.535E-02	7.982E-02	1.596E-02	-1.042E-02
60	60	10	DEAD	1.409E-02	-9.276	7.484E-02	7.914E-02	1.582E-02	-1.063E-02
60	60	8	DEAD	1.415E-02	-9.11	7.475E-02	7.914E-02	1.582E-02	-1.042E-02
60	60	7	Lr	1.417E-02	-8.962	7.446E-02	7.891E-02	1.578E-02	-1.021E-02
60	60	9	Lr	1.410E-02	-9.127	7.454E-02	7.891E-02	1.578E-02	-1.041E-02
60	60	10	Lr	1.395E-02	-9.215	7.396E-02	7.825E-02	1.564E-02	-1.043E-02
60	60	8	Lr	1.402E-02	-9.048	7.387E-02	7.825E-02	1.565E-02	-1.023E-02
60	60	7	Le	6.348E-03	-8.962	3.336E-02	3.536E-02	7.069E-03	-4.575E-03
60	60	9	Le	6.320E-03	-9.127	3.340E-02	3.536E-02	7.069E-03	-4.665E-03
60	60	10	Le	6.251E-03	-9.215	3.314E-02	3.506E-02	7.010E-03	-4.673E-03
60	60	8	Le	6.280E-03	-9.048	3.310E-02	3.506E-02	7.010E-03	-4.583E-03
61	61	10	DEAD	2.221E-02	-5.672	0.11	0.12	2.313E-02	-9.283E-03
61	61	9	DEAD	2.238E-02	-5.655	0.11	0.12	2.330E-02	-9.324E-03
61	61	11	DEAD	2.270E-02	-4.56	0.11	0.12	2.330E-02	-7.483E-03
61	61	12	DEAD	2.253E-02	-4.569	0.11	0.12	2.312E-02	-7.443E-03
61	61	10	Lr	2.198E-02	-5.605	0.11	0.11	2.287E-02	-9.068E-03
61	61	9	Lr	2.211E-02	-5.71	0.11	0.12	2.304E-02	-9.310E-03
61	61	11	Lr	2.243E-02	-4.615	0.11	0.12	2.303E-02	-7.490E-03
61	61	12	Lr	2.229E-02	-4.501	0.11	0.11	2.286E-02	-7.248E-03
61	61	10	Le	9.848E-03	-5.605	4.749E-02	5.124E-02	1.025E-02	-4.063E-03
61	61	9	Le	9.906E-03	-5.71	4.787E-02	5.163E-02	1.032E-02	-4.171E-03
61	61	11	Le	1.005E-02	-4.615	4.767E-02	5.163E-02	1.032E-02	-3.356E-03
61	61	12	Le	9.988E-03	-4.501	4.730E-02	5.124E-02	1.024E-02	-3.247E-03
62	62	12	DEAD	2.284E-02	-3.213	0.11	0.12	2.313E-02	-5.214E-03
62	62	11	DEAD	2.312E-02	-2.684	0.11	0.12	2.332E-02	-4.386E-03
62	62	13	DEAD	1.901E-02	-4.327	0.11	0.12	1.956E-02	-7.331E-03
62	62	14	DEAD	1.868E-02	-4.844	0.11	0.11	1.937E-02	-8.159E-03
62	62	12	Lr	2.259E-02	-3.199	0.11	0.11	2.287E-02	-5.133E-03
62	62	11	Lr	2.285E-02	-2.718	0.11	0.12	2.306E-02	-4.391E-03
62	62	13	Lr	1.879E-02	-4.357	0.11	0.11	1.935E-02	-7.300E-03
62	62	14	Lr	1.848E-02	-4.829	0.11	0.11	1.916E-02	-8.043E-03
62	62	12	Le	1.012E-02	-3.199	4.716E-02	5.127E-02	1.025E-02	-2.300E-03
62	62	11	Le	1.024E-02	-2.718	4.749E-02	5.168E-02	1.033E-02	-1.967E-03
62	62	13	Le	8.419E-03	-4.357	4.795E-02	5.135E-02	8.668E-03	-3.271E-03
62	62	14	Le	8.280E-03	-4.829	4.764E-02	5.093E-02	8.585E-03	-3.604E-03
63	63	14	DEAD	2.175E-02	-3.121	0.12	0.13	2.207E-02	-5.818E-03
63	63	13	DEAD	2.187E-02	-3.458	0.12	0.13	2.226E-02	-6.499E-03
63	63	15	DEAD	2.598E-02	-1.148	0.12	0.13	2.602E-02	-2.088E-03
63	63	16	DEAD	2.581E-02	-0.78	0.12	0.13	2.583E-02	-1.407E-03

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
63	63	14	Lr	2.152E-02	-3.09	0.12	0.13	2.183E-02	-5.696E-03
63	63	13	Lr	2.163E-02	-3.469	0.12	0.13	2.202E-02	-6.446E-03
63	63	15	Lr	2.569E-02	-1.16	0.12	0.13	2.573E-02	-2.085E-03
63	63	16	Lr	2.552E-02	-0.748	0.12	0.13	2.554E-02	-1.335E-03
63	63	14	Le	9.642E-03	-3.09	5.289E-02	5.691E-02	9.780E-03	-2.552E-03
63	63	13	Le	9.690E-03	-3.469	5.333E-02	5.733E-02	9.865E-03	-2.888E-03
63	63	15	Le	1.151E-02	-1.16	5.288E-02	5.767E-02	1.153E-02	-9.343E-04
63	63	16	Le	1.144E-02	-0.748	5.248E-02	5.724E-02	1.144E-02	-5.982E-04
64	64	15	DEAD	2.602E-02	0.088	0.12	0.13	2.603E-02	1.591E-04
64	64	17	DEAD	2.600E-02	1.012	0.12	0.13	2.603E-02	1.840E-03
64	64	18	DEAD	2.582E-02	0.767	0.12	0.13	2.584E-02	1.385E-03
64	64	16	DEAD	2.583E-02	-0.164	0.12	0.13	2.583E-02	-2.959E-04
64	64	15	Lr	2.573E-02	0.025	0.12	0.13	2.573E-02	4.455E-05
64	64	17	Lr	2.571E-02	0.95	0.12	0.13	2.574E-02	1.708E-03
64	64	18	Lr	2.552E-02	0.821	0.12	0.13	2.554E-02	1.464E-03
64	64	16	Lr	2.554E-02	-0.112	0.12	0.13	2.554E-02	-1.990E-04
64	64	15	Le	1.153E-02	0.025	5.286E-02	5.767E-02	1.153E-02	1.996E-05
64	64	17	Le	1.152E-02	0.95	5.288E-02	5.767E-02	1.153E-02	7.651E-04
64	64	18	Le	1.144E-02	0.821	5.248E-02	5.724E-02	1.145E-02	6.560E-04
64	64	16	Le	1.144E-02	-0.112	5.246E-02	5.724E-02	1.144E-02	-8.915E-05
65	65	18	DEAD	2.375E-02	2.374	0.11	0.12	2.392E-02	3.974E-03
65	65	17	DEAD	2.392E-02	2.446	0.11	0.12	2.410E-02	4.127E-03
65	65	19	DEAD	2.387E-02	2.786	0.11	0.12	2.410E-02	4.704E-03
65	65	20	DEAD	2.370E-02	2.717	0.11	0.12	2.392E-02	4.551E-03
65	65	18	Lr	2.347E-02	2.44	0.11	0.12	2.364E-02	4.038E-03
65	65	17	Lr	2.366E-02	2.402	0.11	0.12	2.383E-02	4.006E-03
65	65	19	Lr	2.361E-02	2.742	0.11	0.12	2.383E-02	4.577E-03
65	65	20	Lr	2.342E-02	2.782	0.11	0.12	2.364E-02	4.609E-03
65	65	18	Le	1.052E-02	2.44	4.866E-02	5.298E-02	1.059E-02	1.809E-03
65	65	17	Le	1.060E-02	2.402	4.903E-02	5.339E-02	1.068E-02	1.795E-03
65	65	19	Le	1.058E-02	2.742	4.906E-02	5.339E-02	1.068E-02	2.051E-03
65	65	20	Le	1.049E-02	2.782	4.869E-02	5.298E-02	1.059E-02	2.065E-03
66	66	19	DEAD	2.370E-02	3.597	0.11	0.12	2.408E-02	6.082E-03
66	66	21	DEAD	2.339E-02	4.802	0.11	0.12	2.408E-02	8.152E-03
66	66	22	DEAD	2.325E-02	4.718	0.11	0.12	2.391E-02	7.949E-03
66	66	20	DEAD	2.355E-02	3.503	0.11	0.12	2.391E-02	5.878E-03
66	66	19	Lr	2.344E-02	3.538	0.11	0.12	2.381E-02	5.912E-03
66	66	21	Lr	2.314E-02	4.748	0.11	0.12	2.381E-02	7.967E-03
66	66	22	Lr	2.297E-02	4.773	0.11	0.12	2.363E-02	7.952E-03
66	66	20	Lr	2.327E-02	3.555	0.11	0.12	2.363E-02	5.898E-03
66	66	19	Le	1.050E-02	3.538	4.911E-02	5.335E-02	1.067E-02	2.649E-03
66	66	21	Le	1.037E-02	4.748	4.928E-02	5.335E-02	1.067E-02	3.570E-03
66	66	22	Le	1.029E-02	4.773	4.893E-02	5.296E-02	1.059E-02	3.563E-03
66	66	20	Le	1.042E-02	3.555	4.876E-02	5.296E-02	1.059E-02	2.642E-03
67	67	21	DEAD	1.584E-02	8.679	8.248E-02	8.758E-02	1.751E-02	1.095E-02
67	67	23	DEAD	1.595E-02	8.386	8.232E-02	8.758E-02	1.751E-02	1.056E-02
67	67	24	DEAD	1.586E-02	8.305	8.164E-02	8.689E-02	1.737E-02	1.037E-02
67	67	22	DEAD	1.574E-02	8.601	8.179E-02	8.689E-02	1.737E-02	1.076E-02
67	67	21	Lr	1.567E-02	8.636	8.150E-02	8.656E-02	1.731E-02	1.077E-02
67	67	23	Lr	1.578E-02	8.349	8.135E-02	8.657E-02	1.731E-02	1.039E-02
67	67	24	Lr	1.564E-02	8.402	8.075E-02	8.589E-02	1.717E-02	1.038E-02
67	67	22	Lr	1.553E-02	8.691	8.090E-02	8.589E-02	1.717E-02	1.076E-02
67	67	21	Le	7.021E-03	8.636	3.652E-02	3.879E-02	7.754E-03	4.824E-03

Table: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	SMinTop	SAngleTop	SVMTop	S11Bot	S22Bot	S12Bot
				KN/m2	Degrees	KN/m2	KN/m2	KN/m2	KN/m2
67	67	23	Le	7.072E-03	8.349	3.645E-02	3.879E-02	7.755E-03	4.654E-03
67	67	24	Le	7.008E-03	8.402	3.618E-02	3.848E-02	7.695E-03	4.649E-03
67	67	22	Le	6.957E-03	8.691	3.625E-02	3.848E-02	7.694E-03	4.819E-03
68	68	23	DEAD	1.559E-02	9.194	8.256E-02	8.736E-02	1.747E-02	1.162E-02
68	68	25	DEAD	1.543E-02	9.561	8.278E-02	8.736E-02	1.747E-02	1.212E-02
68	68	27	DEAD	1.538E-02	9.438	8.216E-02	8.679E-02	1.736E-02	1.187E-02
68	68	24	DEAD	1.554E-02	9.067	8.195E-02	8.679E-02	1.735E-02	1.137E-02
68	68	23	Lr	1.544E-02	9.117	8.156E-02	8.635E-02	1.727E-02	1.138E-02
68	68	25	Lr	1.529E-02	9.482	8.177E-02	8.635E-02	1.727E-02	1.187E-02
68	68	27	Lr	1.516E-02	9.546	8.127E-02	8.579E-02	1.716E-02	1.188E-02
68	68	24	Lr	1.531E-02	9.179	8.106E-02	8.579E-02	1.715E-02	1.139E-02
68	68	23	Le	6.918E-03	9.117	3.654E-02	3.869E-02	7.736E-03	5.099E-03
68	68	25	Le	6.849E-03	9.482	3.664E-02	3.869E-02	7.737E-03	5.318E-03
68	68	27	Le	6.792E-03	9.546	3.641E-02	3.844E-02	7.687E-03	5.322E-03
68	68	24	Le	6.861E-03	9.179	3.632E-02	3.844E-02	7.685E-03	5.102E-03
69	69	25	DEAD	-1.480E-03	25.915	3.974E-02	3.125E-02	6.249E-03	1.591E-02
69	69	29	DEAD	-1.490E-03	25.927	3.976E-02	3.125E-02	6.248E-03	1.592E-02
69	69	30	DEAD	-1.381E-03	25.815	3.933E-02	3.104E-02	6.205E-03	1.568E-02
69	69	27	DEAD	-1.370E-03	25.803	3.932E-02	3.104E-02	6.206E-03	1.567E-02
69	69	25	Lr	-1.411E-03	25.858	3.920E-02	3.089E-02	6.175E-03	1.565E-02
69	69	29	Lr	-1.429E-03	25.877	3.922E-02	3.089E-02	6.175E-03	1.568E-02
69	69	30	Lr	-1.503E-03	25.972	3.909E-02	3.068E-02	6.133E-03	1.568E-02
69	69	27	Lr	-1.486E-03	25.953	3.906E-02	3.068E-02	6.133E-03	1.565E-02
69	69	25	Le	-6.323E-04	25.858	1.756E-02	1.384E-02	2.767E-03	7.013E-03
69	69	29	Le	-6.401E-04	25.877	1.757E-02	1.384E-02	2.767E-03	7.023E-03
69	69	30	Le	-6.734E-04	25.972	1.751E-02	1.374E-02	2.748E-03	7.024E-03
69	69	27	Le	-6.656E-04	25.953	1.750E-02	1.374E-02	2.748E-03	7.014E-03
70	70	29	DEAD	-2.067E-03	26.57	4.020E-02	3.089E-02	6.175E-03	1.648E-02
70	70	31	DEAD	-4.688E-04	24.722	3.777E-02	3.089E-02	6.178E-03	1.444E-02
70	70	32	DEAD	-3.106E-04	24.516	3.749E-02	3.085E-02	6.171E-03	1.421E-02
70	70	30	DEAD	-1.900E-03	26.397	3.990E-02	3.085E-02	6.167E-03	1.625E-02
70	70	29	Lr	-2.204E-03	26.739	3.998E-02	3.052E-02	6.102E-03	1.649E-02
70	70	31	Lr	-5.260E-04	24.801	3.742E-02	3.052E-02	6.104E-03	1.435E-02
70	70	32	Lr	-5.321E-04	24.81	3.739E-02	3.049E-02	6.098E-03	1.434E-02
70	70	30	Lr	-2.211E-03	26.748	3.995E-02	3.049E-02	6.096E-03	1.648E-02
70	70	29	Le	-9.875E-04	26.739	1.791E-02	1.368E-02	2.734E-03	7.387E-03
70	70	31	Le	-2.357E-04	24.801	1.677E-02	1.368E-02	2.735E-03	6.428E-03
70	70	32	Le	-2.384E-04	24.81	1.675E-02	1.366E-02	2.732E-03	6.426E-03
70	70	30	Le	-9.904E-04	26.748	1.790E-02	1.366E-02	2.731E-03	7.385E-03

Table: Element Stresses - Area Shells, Part 3 of 3

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
1	1	33	DEAD	3.371E-02	-1.744E-02	40.404	4.504E-02
1	1	35	DEAD	3.783E-02	-3.161E-02	38.816	6.022E-02
1	1	1	DEAD	1.895E-02	-4.618E-02	54.327	5.802E-02
1	1	33	Lr	3.334E-02	-1.689E-02	40.395	4.427E-02
1	1	35	Lr	3.722E-02	-3.137E-02	38.636	5.947E-02
1	1	1	Lr	1.894E-02	-4.595E-02	54.414	5.779E-02
1	1	33	Le	1.494E-02	-7.566E-03	40.395	1.984E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
1	1	35	Le	1.668E-02	-1.406E-02	38.636	2.665E-02
1	1	1	Le	8.484E-03	-2.059E-02	54.414	2.589E-02
2	2	1	DEAD	5.792E-02	-2.053E-02	43.617	7.046E-02
2	2	35	DEAD	3.783E-02	-2.010E-02	33.449	5.095E-02
2	2	3	DEAD	4.793E-02	-3.458E-02	38.053	7.177E-02
2	2	1	Lr	5.744E-02	-2.017E-02	43.744	6.975E-02
2	2	35	Lr	3.711E-02	-1.973E-02	33.171	4.999E-02
2	2	3	Lr	4.728E-02	-3.451E-02	38.02	7.113E-02
2	2	1	Le	2.574E-02	-9.039E-03	43.744	3.125E-02
2	2	35	Le	1.663E-02	-8.839E-03	33.171	2.240E-02
2	2	3	Le	2.119E-02	-1.546E-02	38.02	3.187E-02
3	3	3	DEAD	6.105E-02	-7.074E-03	38.558	6.488E-02
3	3	35	DEAD	2.581E-02	-1.637E-02	55.056	3.683E-02
3	3	5	DEAD	3.151E-02	-2.483E-02	16.984	4.891E-02
3	3	3	Lr	6.057E-02	-6.933E-03	38.727	6.431E-02
3	3	35	Lr	2.558E-02	-1.560E-02	55.264	3.602E-02
3	3	5	Lr	3.096E-02	-2.553E-02	17.034	4.900E-02
3	3	3	Le	2.714E-02	-3.106E-03	38.727	2.882E-02
3	3	35	Le	1.146E-02	-6.992E-03	55.264	1.614E-02
3	3	5	Le	1.387E-02	-1.144E-02	17.034	2.196E-02
4	4	5	DEAD	4.054E-02	-5.334E-02	45.784	8.155E-02
4	4	35	DEAD	3.534E-02	-0.13	54.369	0.15
4	4	37	DEAD	8.658E-03	-0.1	60.329	0.11
4	4	5	Lr	4.019E-02	-5.247E-02	45.659	8.048E-02
4	4	35	Lr	3.494E-02	-0.13	54.344	0.15
4	4	37	Lr	8.366E-03	-0.1	60.36	0.11
4	4	5	Le	1.801E-02	-2.351E-02	45.659	3.606E-02
4	4	35	Le	1.565E-02	-5.945E-02	54.344	6.863E-02
4	4	37	Le	3.749E-03	-4.573E-02	60.36	4.771E-02
5	5	5	DEAD	1.193E-03	-1.829E-02	47.779	1.891E-02
5	5	37	DEAD	-1.880E-02	-7.780E-02	79.239	7.031E-02
5	5	39	DEAD	-1.106E-02	-8.155E-02	-72.361	7.662E-02
5	5	5	Lr	9.680E-04	-1.814E-02	47.692	1.864E-02
5	5	37	Lr	-1.874E-02	-7.690E-02	79.25	6.945E-02
5	5	39	Lr	-1.099E-02	-8.061E-02	-72.346	7.571E-02
5	5	5	Le	4.337E-04	-8.126E-03	47.692	8.351E-03
5	5	37	Le	-8.398E-03	-3.446E-02	79.25	3.112E-02
5	5	39	Le	-4.924E-03	-3.612E-02	-72.346	3.392E-02
6	6	39	DEAD	7.278E-02	-3.487E-02	37.822	9.513E-02
6	6	7	DEAD	0.13	-6.099E-03	25.956	0.13
6	6	5	DEAD	0.16	-3.234E-02	32.436	0.18
6	6	39	Lr	7.185E-02	-3.451E-02	37.799	9.398E-02
6	6	7	Lr	0.13	-6.100E-03	25.937	0.13
6	6	5	Lr	0.16	-3.198E-02	32.434	0.17
6	6	39	Le	3.219E-02	-1.546E-02	37.799	4.211E-02
6	6	7	Le	5.704E-02	-2.733E-03	25.937	5.845E-02
6	6	5	Le	7.016E-02	-1.433E-02	32.434	7.832E-02
7	7	39	DEAD	1.784E-02	3.831E-03	-11.482	1.626E-02
7	7	9	DEAD	0.13	1.087E-03	-22.773	0.13
7	7	7	DEAD	0.11	2.317E-02	-1.161	0.1
7	7	39	Lr	1.763E-02	3.755E-03	-11.439	1.609E-02
7	7	9	Lr	0.13	9.856E-04	-22.743	0.13
7	7	7	Lr	0.11	2.287E-02	-1.136	0.1

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
7	7	39	Le	7.900E-03	1.682E-03	-11.439	7.208E-03
7	7	9	Le	5.762E-02	4.416E-04	-22.743	5.740E-02
7	7	7	Le	4.935E-02	1.025E-02	-1.136	4.511E-02
8	8	39	DEAD	3.013E-02	-0.19	58.667	0.21
8	8	41	DEAD	-7.878E-03	-0.16	66.487	0.15
8	8	9	DEAD	3.110E-02	-8.198E-02	51.557	0.1
8	8	39	Lr	2.976E-02	-0.19	58.654	0.21
8	8	41	Lr	-7.888E-03	-0.16	66.461	0.15
8	8	9	Lr	3.071E-02	-8.118E-02	51.52	0.1
8	8	39	Le	1.333E-02	-8.588E-02	58.654	9.326E-02
8	8	41	Le	-3.534E-03	-6.970E-02	66.461	6.800E-02
8	8	9	Le	1.376E-02	-3.637E-02	51.52	4.486E-02
9	9	9	DEAD	1.757E-04	-3.598E-02	-58.954	3.607E-02
9	9	41	DEAD	-2.960E-02	-0.14	-81.507	0.13
9	9	43	DEAD	1.119E-03	-0.17	-63.694	0.17
9	9	9	Lr	1.112E-04	-3.564E-02	-58.878	3.570E-02
9	9	41	Lr	-2.935E-02	-0.14	-81.478	0.13
9	9	43	Lr	1.003E-03	-0.17	-63.668	0.17
9	9	9	Le	4.984E-05	-1.597E-02	-58.878	1.599E-02
9	9	41	Le	-1.315E-02	-6.285E-02	-81.478	5.741E-02
9	9	43	Le	4.496E-04	-7.713E-02	-63.668	7.736E-02
10	10	43	DEAD	7.875E-02	-3.009E-02	36.116	9.734E-02
10	10	11	DEAD	0.17	1.121E-02	20.11	0.17
10	10	9	DEAD	0.22	-2.892E-02	29.942	0.23
10	10	43	Lr	7.777E-02	-2.978E-02	36.091	9.619E-02
10	10	11	Lr	0.17	1.100E-02	20.098	0.17
10	10	9	Lr	0.21	-2.859E-02	29.94	0.23
10	10	43	Le	3.485E-02	-1.334E-02	36.091	4.310E-02
10	10	11	Le	7.679E-02	4.929E-03	20.098	7.444E-02
10	10	9	Le	9.540E-02	-1.281E-02	29.94	0.1
11	11	43	DEAD	5.005E-02	-8.940E-03	-31.648	5.506E-02
11	11	13	DEAD	0.2	-1.142E-02	-26.484	0.21
11	11	11	DEAD	0.16	2.711E-02	-11.136	0.15
11	11	43	Lr	4.949E-02	-8.856E-03	-31.621	5.447E-02
11	11	13	Lr	0.2	-1.136E-02	-26.466	0.2
11	11	11	Lr	0.16	2.677E-02	-11.123	0.15
11	11	43	Le	2.218E-02	-3.968E-03	-31.621	2.440E-02
11	11	13	Le	8.855E-02	-5.088E-03	-26.466	9.120E-02
11	11	11	Le	7.234E-02	1.199E-02	-11.123	6.716E-02
12	12	13	DEAD	2.462E-02	-8.064E-02	53.256	9.536E-02
12	12	43	DEAD	2.396E-02	-0.23	60.345	0.24
12	12	45	DEAD	-2.092E-02	-0.19	71.119	0.18
12	12	13	Lr	2.430E-02	-7.982E-02	53.223	9.435E-02
12	12	43	Lr	2.363E-02	-0.23	60.329	0.24
12	12	45	Lr	-2.077E-02	-0.18	71.097	0.17
12	12	13	Le	1.089E-02	-3.576E-02	53.223	4.227E-02
12	12	43	Le	1.059E-02	-0.1	60.329	0.11
12	12	45	Le	-9.304E-03	-8.247E-02	71.097	7.823E-02
13	13	13	DEAD	1.316E-02	-6.425E-02	-54.925	7.174E-02
13	13	45	DEAD	-2.956E-02	-0.18	-75.613	0.17
13	13	47	DEAD	1.399E-02	-0.22	-61.944	0.23
13	13	13	Lr	1.297E-02	-6.365E-02	-54.876	7.103E-02
13	13	45	Lr	-2.933E-02	-0.18	-75.586	0.17

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
13	13	47	Lr	1.378E-02	-0.22	-61.929	0.23
13	13	13	Le	5.811E-03	-2.852E-02	-54.876	3.182E-02
13	13	45	Le	-1.314E-02	-7.994E-02	-75.586	7.424E-02
13	13	47	Le	6.175E-03	-9.907E-02	-61.929	0.1
14	14	47	DEAD	7.193E-02	-2.231E-02	34.645	8.530E-02
14	14	15	DEAD	0.19	2.191E-02	16.178	0.18
14	14	13	DEAD	0.23	-2.260E-02	28.452	0.24
14	14	47	Lr	7.098E-02	-2.209E-02	34.621	8.423E-02
14	14	15	Lr	0.19	2.159E-02	16.158	0.18
14	14	13	Lr	0.23	-2.235E-02	28.449	0.24
14	14	47	Le	3.180E-02	-9.899E-03	34.621	3.774E-02
14	14	15	Le	8.297E-02	9.676E-03	16.158	7.858E-02
14	14	13	Le	0.1	-1.001E-02	28.449	0.11
15	15	15	DEAD	0.19	2.332E-02	-15.605	0.18
15	15	47	DEAD	7.058E-02	-2.049E-02	-34.359	8.275E-02
15	15	17	DEAD	0.23	-2.151E-02	-28.143	0.24
15	15	15	Lr	0.18	2.303E-02	-15.596	0.17
15	15	47	Lr	6.978E-02	-2.029E-02	-34.348	8.183E-02
15	15	17	Lr	0.23	-2.134E-02	-28.131	0.24
15	15	15	Le	8.254E-02	1.032E-02	-15.596	7.790E-02
15	15	47	Le	3.127E-02	-9.089E-03	-34.348	3.667E-02
15	15	17	Le	0.1	-9.563E-03	-28.131	0.11
16	16	17	DEAD	1.510E-02	-6.751E-02	54.679	7.619E-02
16	16	47	DEAD	1.557E-02	-0.23	61.683	0.24
16	16	49	DEAD	-2.869E-02	-0.18	74.912	0.17
16	16	17	Lr	1.487E-02	-6.686E-02	54.629	7.540E-02
16	16	47	Lr	1.534E-02	-0.23	61.673	0.23
16	16	49	Lr	-2.849E-02	-0.18	74.892	0.17
16	16	17	Le	6.663E-03	-2.995E-02	54.629	3.378E-02
16	16	47	Le	6.875E-03	-0.1	61.673	0.1
16	16	49	Le	-1.276E-02	-8.147E-02	74.892	7.589E-02
17	17	49	DEAD	-2.275E-02	-0.19	-71.756	0.18
17	17	51	DEAD	2.296E-02	-0.23	-60.6	0.25
17	17	17	DEAD	2.326E-02	-7.945E-02	-53.438	9.329E-02
17	17	49	Lr	-2.255E-02	-0.19	-71.731	0.18
17	17	51	Lr	2.261E-02	-0.23	-60.581	0.24
17	17	17	Lr	2.296E-02	-7.864E-02	-53.41	9.229E-02
17	17	49	Le	-1.010E-02	-8.328E-02	-71.731	7.872E-02
17	17	51	Le	1.013E-02	-0.1	-60.581	0.11
17	17	17	Le	1.029E-02	-3.524E-02	-53.41	4.135E-02
18	18	19	DEAD	0.17	2.689E-02	12.004	0.16
18	18	17	DEAD	0.21	-1.328E-02	26.838	0.22
18	18	51	DEAD	5.394E-02	-1.114E-02	32.328	6.028E-02
18	18	19	Lr	0.17	2.651E-02	11.988	0.16
18	18	17	Lr	0.21	-1.312E-02	26.833	0.21
18	18	51	Lr	5.323E-02	-1.104E-02	32.28	5.952E-02
18	18	19	Le	7.504E-02	1.188E-02	11.988	6.986E-02
18	18	17	Le	9.220E-02	-5.880E-03	26.833	9.527E-02
18	18	51	Le	2.385E-02	-4.948E-03	32.28	2.667E-02
19	19	51	DEAD	7.856E-02	-2.899E-02	-35.884	9.638E-02
19	19	21	DEAD	0.22	-2.816E-02	-29.646	0.24
19	19	19	DEAD	0.18	1.346E-02	-19.391	0.17
19	19	51	Lr	7.765E-02	-2.869E-02	-35.874	9.530E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
19	19	21	Lr	0.22	-2.791E-02	-29.633	0.23
19	19	19	Lr	0.18	1.328E-02	-19.381	0.17
19	19	51	Le	3.479E-02	-1.286E-02	-35.874	4.270E-02
19	19	21	Le	9.782E-02	-1.251E-02	-29.633	0.1
19	19	19	Le	7.877E-02	5.951E-03	-19.381	7.597E-02
20	20	51	DEAD	3.583E-03	-0.18	63.321	0.19
20	20	53	DEAD	-3.019E-02	-0.15	80.165	0.14
20	20	21	DEAD	2.507E-03	-4.168E-02	57.66	4.299E-02
20	20	51	Lr	3.492E-03	-0.18	63.307	0.18
20	20	53	Lr	-2.998E-02	-0.15	80.144	0.14
20	20	21	Lr	2.412E-03	-4.130E-02	57.563	4.255E-02
20	20	51	Le	1.565E-03	-8.196E-02	63.307	8.275E-02
20	20	53	Le	-1.343E-02	-6.660E-02	80.144	6.101E-02
20	20	21	Le	1.081E-03	-1.850E-02	57.563	1.907E-02
21	21	21	DEAD	3.022E-02	-8.265E-02	-51.907	0.1
21	21	53	DEAD	-1.039E-02	-0.16	-67.404	0.16
21	21	55	DEAD	2.919E-02	-0.2	-59.002	0.22
21	21	21	Lr	2.984E-02	-8.180E-02	-51.882	0.1
21	21	53	Lr	-1.032E-02	-0.16	-67.377	0.16
21	21	55	Lr	2.878E-02	-0.2	-58.981	0.22
21	21	21	Le	1.337E-02	-3.665E-02	-51.882	4.485E-02
21	21	53	Le	-4.626E-03	-7.275E-02	-67.377	7.055E-02
21	21	55	Le	1.290E-02	-8.991E-02	-58.981	9.700E-02
22	22	55	DEAD	2.337E-02	2.152E-03	21.034	2.237E-02
22	22	23	DEAD	0.12	2.460E-02	3.742	0.11
22	22	21	DEAD	0.14	-9.587E-04	23.791	0.14
22	22	55	Lr	2.302E-02	2.073E-03	20.863	2.206E-02
22	22	23	Lr	0.12	2.423E-02	3.724	0.11
22	22	21	Lr	0.14	-9.457E-04	23.783	0.14
22	22	55	Le	1.032E-02	9.287E-04	20.863	9.884E-03
22	22	23	Le	5.389E-02	1.085E-02	3.724	4.937E-02
22	22	21	Le	6.399E-02	-4.237E-04	23.783	6.420E-02
23	23	55	DEAD	7.498E-02	-3.420E-02	-37.468	9.673E-02
23	23	25	DEAD	0.17	-3.200E-02	-31.838	0.19
23	23	23	DEAD	0.14	-2.644E-03	-24.725	0.14
23	23	55	Lr	7.410E-02	-3.384E-02	-37.458	9.562E-02
23	23	25	Lr	0.17	-3.170E-02	-31.823	0.19
23	23	23	Lr	0.14	-2.636E-03	-24.715	0.14
23	23	55	Le	3.320E-02	-1.516E-02	-37.458	4.284E-02
23	23	25	Le	7.538E-02	-1.420E-02	-31.823	8.340E-02
23	23	23	Le	6.118E-02	-1.181E-03	-24.715	6.178E-02
24	24	55	DEAD	-1.093E-02	-0.1	68.406	9.660E-02
24	24	57	DEAD	-2.154E-02	-8.957E-02	-85.132	8.098E-02
24	24	25	DEAD	-2.102E-03	-1.522E-02	-55.105	1.429E-02
24	24	55	Lr	-1.086E-02	-0.1	68.385	9.548E-02
24	24	57	Lr	-2.144E-02	-8.855E-02	-85.139	8.001E-02
24	24	25	Lr	-2.235E-03	-1.507E-02	-54.92	1.409E-02
24	24	55	Le	-4.864E-03	-4.500E-02	68.385	4.278E-02
24	24	57	Le	-9.606E-03	-3.967E-02	-85.139	3.585E-02
24	24	25	Le	-1.002E-03	-6.753E-03	-54.92	6.312E-03
25	25	25	DEAD	3.542E-02	-7.017E-02	-49.052	9.309E-02
25	25	57	DEAD	8.358E-03	-0.11	-60.167	0.12
25	25	59	DEAD	3.361E-02	-0.14	-55.68	0.16

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
25	25	25	Lr	3.497E-02	-6.941E-02	-49.024	9.202E-02
25	25	57	Lr	8.217E-03	-0.11	-60.141	0.11
25	25	59	Lr	3.313E-02	-0.13	-55.65	0.15
25	25	25	Le	1.567E-02	-3.110E-02	-49.024	4.123E-02
25	25	57	Le	3.682E-03	-4.956E-02	-60.141	5.150E-02
25	25	59	Le	1.484E-02	-6.013E-02	-55.65	6.877E-02
26	26	59	DEAD	2.179E-02	-2.057E-02	-48.148	3.669E-02
26	26	29	DEAD	6.134E-02	4.486E-04	-27.033	6.112E-02
26	26	25	DEAD	4.666E-02	2.418E-03	-1.165	4.550E-02
26	26	59	Lr	2.151E-02	-2.040E-02	-48.096	3.630E-02
26	26	29	Lr	6.060E-02	3.544E-04	-27.02	6.043E-02
26	26	25	Lr	4.610E-02	2.334E-03	-1.196	4.498E-02
26	26	59	Le	9.638E-03	-9.142E-03	-48.096	1.627E-02
26	26	29	Le	2.715E-02	1.588E-04	-27.02	2.707E-02
26	26	25	Le	2.066E-02	1.046E-03	-1.196	2.015E-02
27	27	59	DEAD	6.302E-02	-2.644E-02	-35.432	7.960E-02
27	27	31	DEAD	6.650E-02	-2.405E-02	-38.95	8.124E-02
27	27	29	DEAD	6.356E-02	-3.181E-02	-37.055	8.410E-02
27	27	59	Lr	6.316E-02	-2.587E-02	-35.205	7.932E-02
27	27	31	Lr	6.489E-02	-2.366E-02	-38.997	7.941E-02
27	27	29	Lr	6.257E-02	-3.189E-02	-37.186	8.323E-02
27	27	59	Le	2.830E-02	-1.159E-02	-35.205	3.554E-02
27	27	31	Le	2.907E-02	-1.060E-02	-38.997	3.558E-02
27	27	29	Le	2.804E-02	-1.429E-02	-37.186	3.729E-02
28	28	59	DEAD	-3.227E-02	-5.804E-02	-7.751	5.037E-02
28	28	61	DEAD	3.548E-02	-3.360E-02	-61.013	5.983E-02
28	28	31	DEAD	0.1	-2.074E-02	-41.328	0.11
28	28	59	Lr	-3.340E-02	-5.973E-02	-5.033	5.185E-02
28	28	61	Lr	3.556E-02	-3.318E-02	-61.657	5.954E-02
28	28	31	Lr	0.1	-2.016E-02	-41.348	0.11
28	28	59	Le	-1.496E-02	-2.676E-02	-5.033	2.323E-02
28	28	61	Le	1.593E-02	-1.486E-02	-61.657	2.668E-02
28	28	31	Le	4.596E-02	-9.033E-03	-41.348	5.108E-02
29	29	32	DEAD	0.1	-2.075E-02	41.314	0.11
29	29	62	DEAD	3.545E-02	-3.366E-02	60.974	5.986E-02
29	29	60	DEAD	-3.223E-02	-5.791E-02	7.884	5.026E-02
29	29	32	Lr	0.1	-2.018E-02	41.345	0.11
29	29	62	Lr	3.556E-02	-3.320E-02	61.636	5.956E-02
29	29	60	Lr	-3.338E-02	-5.968E-02	5.11	5.181E-02
29	29	32	Le	4.594E-02	-9.040E-03	41.345	5.107E-02
29	29	62	Le	1.593E-02	-1.488E-02	61.636	2.669E-02
29	29	60	Le	-1.495E-02	-2.674E-02	5.11	2.321E-02
30	30	60	DEAD	6.312E-02	-2.643E-02	35.502	7.970E-02
30	30	30	DEAD	6.363E-02	-3.172E-02	37.1	8.410E-02
30	30	32	DEAD	6.650E-02	-2.409E-02	38.959	8.127E-02
30	30	60	Lr	6.321E-02	-2.586E-02	35.258	7.937E-02
30	30	30	Lr	6.265E-02	-3.185E-02	37.223	8.328E-02
30	30	32	Lr	6.498E-02	-2.366E-02	39.032	7.949E-02
30	30	60	Le	2.832E-02	-1.159E-02	35.258	3.556E-02
30	30	30	Le	2.807E-02	-1.427E-02	37.223	3.732E-02
30	30	32	Le	2.911E-02	-1.060E-02	39.032	3.562E-02
31	31	30	DEAD	1.829E-02	-4.264E-02	55.459	5.415E-02
31	31	60	DEAD	-4.536E-03	-8.846E-02	71.781	8.628E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
31	31	58	DEAD	-2.306E-02	-8.240E-02	-88.07	7.363E-02
31	31	30	Lr	1.814E-02	-4.220E-02	55.413	5.363E-02
31	31	60	Lr	-4.491E-03	-8.746E-02	71.762	8.531E-02
31	31	58	Lr	-2.296E-02	-8.148E-02	-88.077	7.277E-02
31	31	30	Le	8.130E-03	-1.891E-02	55.413	2.403E-02
31	31	60	Le	-2.012E-03	-3.919E-02	71.762	3.822E-02
31	31	58	Le	-1.029E-02	-3.651E-02	-88.077	3.261E-02
32	32	58	DEAD	4.652E-02	-5.572E-02	44.427	8.866E-02
32	32	27	DEAD	8.126E-02	-2.999E-02	33.811	9.969E-02
32	32	30	DEAD	0.1	-5.176E-02	37.266	0.14
32	32	58	Lr	4.587E-02	-5.516E-02	44.393	8.762E-02
32	32	27	Lr	8.027E-02	-2.978E-02	33.784	9.860E-02
32	32	30	Lr	0.1	-5.123E-02	37.261	0.14
32	32	58	Le	2.055E-02	-2.472E-02	44.393	3.926E-02
32	32	27	Le	3.597E-02	-1.334E-02	33.784	4.418E-02
32	32	30	Le	4.614E-02	-2.295E-02	37.261	6.095E-02
33	33	27	DEAD	-2.370E-03	-1.527E-02	55.465	1.424E-02
33	33	58	DEAD	-2.159E-02	-8.937E-02	85.158	8.077E-02
33	33	56	DEAD	-1.083E-02	-0.1	-68.456	9.631E-02
33	33	27	Lr	-2.419E-03	-1.513E-02	55.33	1.408E-02
33	33	58	Lr	-2.143E-02	-8.833E-02	85.188	7.980E-02
33	33	56	Lr	-1.085E-02	-0.1	-68.404	9.521E-02
33	33	27	Le	-1.084E-03	-6.781E-03	55.33	6.309E-03
33	33	58	Le	-9.602E-03	-3.958E-02	85.188	3.575E-02
33	33	56	Le	-4.861E-03	-4.488E-02	-68.404	4.266E-02
34	34	56	DEAD	7.455E-02	-3.411E-02	37.519	9.625E-02
34	34	24	DEAD	0.14	-2.608E-03	24.743	0.14
34	34	27	DEAD	0.17	-3.197E-02	31.841	0.19
34	34	56	Lr	7.363E-02	-3.375E-02	37.49	9.510E-02
34	34	24	Lr	0.14	-2.668E-03	24.733	0.14
34	34	27	Lr	0.17	-3.160E-02	31.839	0.19
34	34	56	Le	3.299E-02	-1.512E-02	37.49	4.261E-02
34	34	24	Le	6.082E-02	-1.195E-03	24.733	6.143E-02
34	34	27	Le	7.497E-02	-1.416E-02	31.839	8.296E-02
35	35	24	DEAD	0.12	2.441E-02	-3.664	0.11
35	35	56	DEAD	2.283E-02	2.136E-03	-20.821	2.184E-02
35	35	22	DEAD	0.14	-8.523E-04	-23.803	0.14
35	35	24	Lr	0.12	2.409E-02	-3.638	0.11
35	35	56	Lr	2.255E-02	2.085E-03	-20.765	2.158E-02
35	35	22	Lr	0.14	-9.224E-04	-23.776	0.14
35	35	24	Le	5.352E-02	1.079E-02	-3.638	4.902E-02
35	35	56	Le	1.010E-02	9.343E-04	-20.765	9.671E-03
35	35	22	Le	6.354E-02	-4.133E-04	-23.776	6.375E-02
36	36	22	DEAD	3.009E-02	-8.257E-02	51.948	0.1
36	36	56	DEAD	2.902E-02	-0.2	58.997	0.22
36	36	54	DEAD	-1.029E-02	-0.16	67.392	0.16
36	36	22	Lr	2.971E-02	-8.175E-02	51.911	9.998E-02
36	36	56	Lr	2.866E-02	-0.2	58.983	0.22
36	36	54	Lr	-1.027E-02	-0.16	67.365	0.16
36	36	22	Le	1.331E-02	-3.663E-02	51.911	4.480E-02
36	36	56	Le	1.284E-02	-8.968E-02	58.983	9.674E-02
36	36	54	Le	-4.602E-03	-7.259E-02	67.365	7.040E-02
37	37	54	DEAD	-3.014E-02	-0.15	-80.137	0.14

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
37	37	52	DEAD	3.589E-03	-0.18	-63.34	0.19
37	37	22	DEAD	2.443E-03	-4.187E-02	-57.695	4.314E-02
37	37	54	Lr	-2.989E-02	-0.15	-80.111	0.14
37	37	52	Lr	3.445E-03	-0.18	-63.317	0.18
37	37	22	Lr	2.351E-03	-4.146E-02	-57.633	4.268E-02
37	37	54	Le	-1.339E-02	-6.644E-02	-80.111	6.086E-02
37	37	52	Le	1.543E-03	-8.172E-02	-63.317	8.250E-02
37	37	22	Le	1.054E-03	-1.858E-02	-57.633	1.912E-02
38	38	22	DEAD	0.22	-2.811E-02	29.649	0.23
38	38	52	DEAD	7.793E-02	-2.890E-02	35.943	9.571E-02
38	38	20	DEAD	0.18	1.343E-02	19.39	0.17
38	38	22	Lr	0.22	-2.780E-02	29.647	0.23
38	38	52	Lr	7.696E-02	-2.861E-02	35.918	9.456E-02
38	38	20	Lr	0.17	1.319E-02	19.379	0.17
38	38	22	Le	9.722E-02	-1.246E-02	29.647	0.1
38	38	52	Le	3.448E-02	-1.282E-02	35.918	4.237E-02
38	38	20	Le	7.825E-02	5.911E-03	19.379	7.547E-02
39	39	20	DEAD	0.17	2.670E-02	-11.968	0.16
39	39	52	DEAD	5.322E-02	-1.109E-02	-32.346	5.954E-02
39	39	18	DEAD	0.21	-1.313E-02	-26.851	0.21
39	39	20	Lr	0.17	2.637E-02	-11.951	0.15
39	39	52	Lr	5.259E-02	-1.098E-02	-32.327	5.885E-02
39	39	18	Lr	0.2	-1.306E-02	-26.834	0.21
39	39	20	Le	7.450E-02	1.182E-02	-11.951	6.935E-02
39	39	52	Le	2.356E-02	-4.919E-03	-32.327	2.637E-02
39	39	18	Le	9.156E-02	-5.850E-03	-26.834	9.462E-02
40	40	18	DEAD	2.315E-02	-7.941E-02	53.499	9.316E-02
40	40	52	DEAD	2.276E-02	-0.23	60.591	0.25
40	40	50	DEAD	-2.258E-02	-0.19	71.735	0.18
40	40	18	Lr	2.284E-02	-7.863E-02	53.457	9.220E-02
40	40	52	Lr	2.247E-02	-0.23	60.579	0.24
40	40	50	Lr	-2.243E-02	-0.19	71.712	0.18
40	40	18	Le	1.023E-02	-3.523E-02	53.457	4.131E-02
40	40	52	Le	1.007E-02	-0.1	60.579	0.11
40	40	50	Le	-1.005E-02	-8.308E-02	71.712	7.854E-02
41	41	50	DEAD	-2.865E-02	-0.18	-74.881	0.17
41	41	48	DEAD	1.557E-02	-0.23	-61.704	0.24
41	41	18	DEAD	1.499E-02	-6.774E-02	-54.709	7.634E-02
41	41	50	Lr	-2.840E-02	-0.18	-74.86	0.17
41	41	48	Lr	1.529E-02	-0.22	-61.686	0.23
41	41	18	Lr	1.476E-02	-6.704E-02	-54.676	7.551E-02
41	41	50	Le	-1.273E-02	-8.126E-02	-74.86	7.570E-02
41	41	48	Le	6.850E-03	-0.1	-61.686	0.1
41	41	18	Le	6.612E-03	-3.004E-02	-54.676	3.383E-02
42	42	18	DEAD	0.23	-2.139E-02	28.157	0.24
42	42	48	DEAD	6.970E-02	-2.043E-02	34.41	8.185E-02
42	42	16	DEAD	0.19	2.318E-02	15.572	0.17
42	42	18	Lr	0.23	-2.116E-02	28.156	0.24
42	42	48	Lr	6.883E-02	-2.025E-02	34.38	8.087E-02
42	42	16	Lr	0.18	2.283E-02	15.562	0.17
42	42	18	Le	0.1	-9.479E-03	28.156	0.11
42	42	48	Le	3.084E-02	-9.071E-03	34.38	3.624E-02
42	42	16	Le	8.198E-02	1.023E-02	15.562	7.737E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
43	43	16	DEAD	0.19	2.183E-02	-16.155	0.18
43	43	48	DEAD	7.120E-02	-2.222E-02	-34.702	8.454E-02
43	43	14	DEAD	0.23	-2.255E-02	-28.453	0.24
43	43	16	Lr	0.18	2.155E-02	-16.143	0.17
43	43	48	Lr	7.041E-02	-2.198E-02	-34.683	8.359E-02
43	43	14	Lr	0.23	-2.235E-02	-28.437	0.24
43	43	16	Le	8.239E-02	9.658E-03	-16.143	7.801E-02
43	43	48	Le	3.155E-02	-9.849E-03	-34.683	3.745E-02
43	43	14	Le	0.1	-1.002E-02	-28.437	0.11
44	44	14	DEAD	1.309E-02	-6.433E-02	54.962	7.177E-02
44	44	48	DEAD	1.393E-02	-0.22	61.949	0.23
44	44	46	DEAD	-2.947E-02	-0.18	75.589	0.17
44	44	14	Lr	1.290E-02	-6.369E-02	54.916	7.103E-02
44	44	48	Lr	1.371E-02	-0.22	61.93	0.23
44	44	46	Lr	-2.923E-02	-0.18	75.563	0.17
44	44	14	Le	5.780E-03	-2.854E-02	54.916	3.182E-02
44	44	48	Le	6.141E-03	-9.882E-02	61.93	0.1
44	44	46	Le	-1.310E-02	-7.975E-02	75.563	7.408E-02
45	45	46	DEAD	-2.081E-02	-0.19	-71.092	0.18
45	45	44	DEAD	2.387E-02	-0.23	-60.345	0.24
45	45	14	DEAD	2.453E-02	-8.069E-02	-53.291	9.535E-02
45	45	46	Lr	-2.067E-02	-0.18	-71.068	0.17
45	45	44	Lr	2.355E-02	-0.23	-60.332	0.24
45	45	14	Lr	2.420E-02	-7.991E-02	-53.257	9.437E-02
45	45	46	Le	-9.260E-03	-8.228E-02	-71.068	7.806E-02
45	45	44	Le	1.055E-02	-0.1	-60.332	0.11
45	45	14	Le	1.084E-02	-3.580E-02	-53.257	4.228E-02
46	46	44	DEAD	4.957E-02	-8.821E-03	31.713	5.452E-02
46	46	12	DEAD	0.16	2.705E-02	11.082	0.15
46	46	14	DEAD	0.2	-1.147E-02	26.446	0.2
46	46	44	Lr	4.888E-02	-8.766E-03	31.668	5.381E-02
46	46	12	Lr	0.16	2.667E-02	11.062	0.15
46	46	14	Lr	0.2	-1.135E-02	26.444	0.2
46	46	44	Le	2.190E-02	-3.927E-03	31.668	2.411E-02
46	46	12	Le	7.179E-02	1.195E-02	11.062	6.662E-02
46	46	14	Le	8.785E-02	-5.084E-03	26.444	9.050E-02
47	47	44	DEAD	7.780E-02	-3.004E-02	-36.137	9.640E-02
47	47	10	DEAD	0.21	-2.869E-02	-29.978	0.23
47	47	12	DEAD	0.17	1.101E-02	-20.095	0.17
47	47	44	Lr	7.692E-02	-2.973E-02	-36.127	9.532E-02
47	47	10	Lr	0.21	-2.844E-02	-29.964	0.23
47	47	12	Lr	0.17	1.087E-02	-20.085	0.17
47	47	44	Le	3.446E-02	-1.332E-02	-36.127	4.271E-02
47	47	10	Le	9.485E-02	-1.274E-02	-29.964	0.1
47	47	12	Le	7.627E-02	4.869E-03	-20.085	7.396E-02
48	48	44	DEAD	1.043E-03	-0.17	63.7	0.17
48	48	42	DEAD	-2.948E-02	-0.14	81.469	0.13
48	48	10	DEAD	1.204E-04	-3.614E-02	59.058	3.620E-02
48	48	44	Lr	9.841E-04	-0.17	63.684	0.17
48	48	42	Lr	-2.928E-02	-0.14	81.445	0.13
48	48	10	Lr	5.192E-05	-3.583E-02	58.938	3.586E-02
48	48	44	Le	4.409E-04	-7.688E-02	63.684	7.710E-02
48	48	42	Le	-1.312E-02	-6.267E-02	81.445	5.725E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
48	48	10	Le	2.326E-05	-1.606E-02	58.938	1.607E-02
49	49	10	DEAD	3.100E-02	-8.195E-02	-51.574	0.1
49	49	42	DEAD	-7.837E-03	-0.16	-66.47	0.15
49	49	40	DEAD	3.005E-02	-0.19	-58.67	0.21
49	49	10	Lr	3.061E-02	-8.111E-02	-51.549	9.999E-02
49	49	42	Lr	-7.803E-03	-0.16	-66.444	0.15
49	49	40	Lr	2.963E-02	-0.19	-58.649	0.21
49	49	10	Le	1.371E-02	-3.634E-02	-51.549	4.480E-02
49	49	42	Le	-3.496E-03	-6.954E-02	-66.444	6.786E-02
49	49	40	Le	1.327E-02	-8.566E-02	-58.649	9.301E-02
50	50	40	DEAD	1.744E-02	3.854E-03	11.092	1.587E-02
50	50	8	DEAD	0.11	2.305E-02	1.027	0.1
50	50	10	DEAD	0.13	1.043E-03	22.727	0.13
50	50	40	Lr	1.719E-02	3.736E-03	10.863	1.566E-02
50	50	8	Lr	0.11	2.270E-02	1.013	9.992E-02
50	50	10	Lr	0.13	1.022E-03	22.719	0.13
50	50	40	Le	7.704E-03	1.674E-03	10.863	7.018E-03
50	50	8	Le	4.898E-02	1.017E-02	1.013	4.477E-02
50	50	10	Le	5.717E-02	4.581E-04	22.719	5.694E-02
51	51	8	DEAD	0.13	-6.191E-03	-25.974	0.13
51	51	40	DEAD	7.224E-02	-3.479E-02	-37.839	9.456E-02
51	51	6	DEAD	0.16	-3.220E-02	-32.467	0.18
51	51	8	Lr	0.13	-6.137E-03	-25.96	0.13
51	51	40	Lr	7.139E-02	-3.442E-02	-37.83	9.348E-02
51	51	6	Lr	0.16	-3.190E-02	-32.451	0.17
51	51	8	Le	5.670E-02	-2.750E-03	-25.96	5.812E-02
51	51	40	Le	3.199E-02	-1.542E-02	-37.83	4.188E-02
51	51	6	Le	6.976E-02	-1.429E-02	-32.451	7.789E-02
52	52	6	DEAD	1.089E-03	-1.833E-02	-47.995	1.889E-02
52	52	40	DEAD	-1.111E-02	-8.127E-02	72.384	7.632E-02
52	52	38	DEAD	-1.874E-02	-7.753E-02	-79.268	7.007E-02
52	52	6	Lr	8.243E-04	-1.817E-02	-47.862	1.859E-02
52	52	40	Lr	-1.098E-02	-8.031E-02	72.388	7.542E-02
52	52	38	Lr	-1.872E-02	-7.665E-02	-79.262	6.922E-02
52	52	6	Le	3.693E-04	-8.139E-03	-47.862	8.330E-03
52	52	40	Le	-4.918E-03	-3.598E-02	72.388	3.379E-02
52	52	38	Le	-8.387E-03	-3.435E-02	-79.262	3.101E-02
53	53	38	DEAD	8.625E-03	-0.1	-60.319	0.11
53	53	36	DEAD	3.530E-02	-0.13	-54.373	0.15
53	53	6	DEAD	4.046E-02	-5.329E-02	-45.777	8.144E-02
53	53	38	Lr	8.376E-03	-0.1	-60.352	0.11
53	53	36	Lr	3.486E-02	-0.13	-54.337	0.15
53	53	6	Lr	4.011E-02	-5.237E-02	-45.663	8.033E-02
53	53	38	Le	3.753E-03	-4.563E-02	-60.352	4.762E-02
53	53	36	Le	1.562E-02	-5.933E-02	-54.337	6.849E-02
53	53	6	Le	1.797E-02	-2.347E-02	-45.663	3.599E-02
54	54	6	DEAD	3.125E-02	-2.517E-02	-17.175	4.895E-02
54	54	36	DEAD	2.577E-02	-1.649E-02	-55.109	3.689E-02
54	54	4	DEAD	6.089E-02	-7.324E-03	-38.684	6.486E-02
54	54	6	Lr	3.072E-02	-2.577E-02	-17.226	4.899E-02
54	54	36	Lr	2.554E-02	-1.578E-02	-55.283	3.611E-02
54	54	4	Lr	6.037E-02	-7.196E-03	-38.834	6.428E-02
54	54	6	Le	1.376E-02	-1.155E-02	-17.226	2.195E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
54	54	36	Le	1.144E-02	-7.068E-03	-55.283	1.618E-02
54	54	4	Le	2.705E-02	-3.224E-03	-38.834	2.880E-02
55	55	4	DEAD	4.767E-02	-3.458E-02	-38.048	7.153E-02
55	55	36	DEAD	3.762E-02	-2.001E-02	-33.358	5.068E-02
55	55	2	DEAD	5.767E-02	-2.045E-02	-43.651	7.017E-02
55	55	4	Lr	4.703E-02	-3.449E-02	-38.019	7.087E-02
55	55	36	Lr	3.694E-02	-1.964E-02	-33.097	4.976E-02
55	55	2	Lr	5.716E-02	-2.011E-02	-43.766	6.944E-02
55	55	4	Le	2.107E-02	-1.545E-02	-38.019	3.175E-02
55	55	36	Le	1.655E-02	-8.801E-03	-33.097	2.230E-02
55	55	2	Le	2.561E-02	-9.012E-03	-43.766	3.111E-02
56	56	2	DEAD	1.886E-02	-4.616E-02	-54.386	5.794E-02
56	56	36	DEAD	3.776E-02	-3.154E-02	-38.771	6.009E-02
56	56	34	DEAD	3.364E-02	-1.728E-02	-40.373	4.485E-02
56	56	2	Lr	1.881E-02	-4.591E-02	-54.472	5.766E-02
56	56	36	Lr	3.717E-02	-3.128E-02	-38.607	5.936E-02
56	56	34	Lr	3.327E-02	-1.676E-02	-40.359	4.410E-02
56	56	2	Le	8.426E-03	-2.057E-02	-54.472	2.584E-02
56	56	36	Le	1.666E-02	-1.402E-02	-38.607	2.659E-02
56	56	34	Le	1.491E-02	-7.508E-03	-40.359	1.976E-02
57	57	2	DEAD	2.627E-02	-3.399E-03	-29.537	2.813E-02
57	57	1	DEAD	2.623E-02	-3.232E-03	-29.321	2.798E-02
57	57	3	DEAD	2.736E-02	-4.363E-03	-30.553	2.978E-02
57	57	4	DEAD	2.741E-02	-4.535E-03	-30.744	2.994E-02
57	57	2	Lr	2.601E-02	-3.405E-03	-29.59	2.787E-02
57	57	1	Lr	2.611E-02	-3.386E-03	-29.547	2.796E-02
57	57	3	Lr	2.724E-02	-4.520E-03	-30.757	2.976E-02
57	57	4	Lr	2.715E-02	-4.540E-03	-30.799	2.968E-02
57	57	2	Le	1.165E-02	-1.525E-03	-29.59	1.249E-02
57	57	1	Le	1.170E-02	-1.517E-03	-29.547	1.253E-02
57	57	3	Le	1.221E-02	-2.025E-03	-30.757	1.334E-02
57	57	4	Le	1.216E-02	-2.034E-03	-30.799	1.330E-02
58	58	3	DEAD	2.892E-02	-5.378E-03	-31.387	3.195E-02
58	58	5	DEAD	3.013E-02	-6.597E-03	-32.351	3.391E-02
58	58	6	DEAD	3.005E-02	-6.844E-03	-32.599	3.399E-02
58	58	4	DEAD	2.883E-02	-5.620E-03	-31.657	3.201E-02
58	58	3	Lr	2.872E-02	-5.455E-03	-31.505	3.180E-02
58	58	5	Lr	2.993E-02	-6.678E-03	-32.468	3.377E-02
58	58	6	Lr	2.972E-02	-6.784E-03	-32.613	3.363E-02
58	58	4	Lr	2.850E-02	-5.557E-03	-31.657	3.164E-02
58	58	3	Le	1.287E-02	-2.444E-03	-31.505	1.425E-02
58	58	5	Le	1.341E-02	-2.992E-03	-32.468	1.513E-02
58	58	6	Le	1.332E-02	-3.040E-03	-32.613	1.507E-02
58	58	4	Le	1.277E-02	-2.490E-03	-31.657	1.418E-02
59	59	5	DEAD	8.304E-02	1.245E-02	-12.791	7.757E-02
59	59	7	DEAD	8.208E-02	1.341E-02	-10.997	7.627E-02
59	59	8	DEAD	8.161E-02	1.322E-02	-11.196	7.586E-02
59	59	6	DEAD	8.258E-02	1.225E-02	-12.991	7.719E-02
59	59	5	Lr	8.214E-02	1.227E-02	-12.857	7.675E-02
59	59	7	Lr	8.118E-02	1.323E-02	-11.057	7.544E-02
59	59	8	Lr	8.064E-02	1.312E-02	-11.108	7.495E-02
59	59	6	Lr	8.160E-02	1.215E-02	-12.919	7.626E-02
59	59	5	Le	3.680E-02	5.499E-03	-12.857	3.439E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
59	59	7	Le	3.637E-02	5.929E-03	-11.057	3.380E-02
59	59	8	Le	3.613E-02	5.877E-03	-11.108	3.358E-02
59	59	6	Le	3.656E-02	5.445E-03	-12.919	3.417E-02
60	60	7	DEAD	8.141E-02	1.436E-02	-8.875	7.527E-02
60	60	9	DEAD	8.147E-02	1.430E-02	-9.04	7.535E-02
60	60	10	DEAD	8.088E-02	1.409E-02	-9.276	7.484E-02
60	60	8	DEAD	8.081E-02	1.415E-02	-9.11	7.475E-02
60	60	7	Lr	8.052E-02	1.417E-02	-8.962	7.446E-02
60	60	9	Lr	8.059E-02	1.410E-02	-9.127	7.454E-02
60	60	10	Lr	7.994E-02	1.395E-02	-9.215	7.396E-02
60	60	8	Lr	7.988E-02	1.402E-02	-9.048	7.387E-02
60	60	7	Le	3.608E-02	6.348E-03	-8.962	3.336E-02
60	60	9	Le	3.611E-02	6.320E-03	-9.127	3.340E-02
60	60	10	Le	3.582E-02	6.251E-03	-9.215	3.314E-02
60	60	8	Le	3.579E-02	6.280E-03	-9.048	3.310E-02
61	61	10	DEAD	0.12	2.221E-02	-5.672	0.11
61	61	9	DEAD	0.12	2.238E-02	-5.655	0.11
61	61	11	DEAD	0.12	2.270E-02	-4.56	0.11
61	61	12	DEAD	0.12	2.253E-02	-4.569	0.11
61	61	10	Lr	0.12	2.198E-02	-5.605	0.11
61	61	9	Lr	0.12	2.211E-02	-5.71	0.11
61	61	11	Lr	0.12	2.243E-02	-4.615	0.11
61	61	12	Lr	0.11	2.229E-02	-4.501	0.11
61	61	10	Le	5.164E-02	9.848E-03	-5.605	4.749E-02
61	61	9	Le	5.204E-02	9.906E-03	-5.71	4.787E-02
61	61	11	Le	5.190E-02	1.005E-02	-4.615	4.767E-02
61	61	12	Le	5.150E-02	9.988E-03	-4.501	4.730E-02
62	62	12	DEAD	0.12	2.284E-02	-3.213	0.11
62	62	11	DEAD	0.12	2.312E-02	-2.684	0.11
62	62	13	DEAD	0.12	1.901E-02	-4.327	0.11
62	62	14	DEAD	0.12	1.868E-02	-4.844	0.11
62	62	12	Lr	0.11	2.259E-02	-3.199	0.11
62	62	11	Lr	0.12	2.285E-02	-2.718	0.11
62	62	13	Lr	0.12	1.879E-02	-4.357	0.11
62	62	14	Lr	0.11	1.848E-02	-4.829	0.11
62	62	12	Le	5.139E-02	1.012E-02	-3.199	4.716E-02
62	62	11	Le	5.178E-02	1.024E-02	-2.718	4.749E-02
62	62	13	Le	5.160E-02	8.419E-03	-4.357	4.795E-02
62	62	14	Le	5.124E-02	8.280E-03	-4.829	4.764E-02
63	63	14	DEAD	0.13	2.175E-02	-3.121	0.12
63	63	13	DEAD	0.13	2.187E-02	-3.458	0.12
63	63	15	DEAD	0.13	2.598E-02	-1.148	0.12
63	63	16	DEAD	0.13	2.581E-02	-0.78	0.12
63	63	14	Lr	0.13	2.152E-02	-3.09	0.12
63	63	13	Lr	0.13	2.163E-02	-3.469	0.12
63	63	15	Lr	0.13	2.569E-02	-1.16	0.12
63	63	16	Lr	0.13	2.552E-02	-0.748	0.12
63	63	14	Le	5.705E-02	9.642E-03	-3.09	5.289E-02
63	63	13	Le	5.751E-02	9.690E-03	-3.469	5.333E-02
63	63	15	Le	5.769E-02	1.151E-02	-1.16	5.288E-02
63	63	16	Le	5.725E-02	1.144E-02	-0.748	5.248E-02
64	64	15	DEAD	0.13	2.602E-02	0.088	0.12
64	64	17	DEAD	0.13	2.600E-02	1.012	0.12

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
64	64	18	DEAD	0.13	2.582E-02	0.767	0.12
64	64	16	DEAD	0.13	2.583E-02	-0.164	0.12
64	64	15	Lr	0.13	2.573E-02	0.025	0.12
64	64	17	Lr	0.13	2.571E-02	0.95	0.12
64	64	18	Lr	0.13	2.552E-02	0.821	0.12
64	64	16	Lr	0.13	2.554E-02	-0.112	0.12
64	64	15	Le	5.767E-02	1.153E-02	0.025	5.286E-02
64	64	17	Le	5.769E-02	1.152E-02	0.95	5.288E-02
64	64	18	Le	5.725E-02	1.144E-02	0.821	5.248E-02
64	64	16	Le	5.724E-02	1.144E-02	-0.112	5.246E-02
65	65	18	DEAD	0.12	2.375E-02	2.374	0.11
65	65	17	DEAD	0.12	2.392E-02	2.446	0.11
65	65	19	DEAD	0.12	2.387E-02	2.786	0.11
65	65	20	DEAD	0.12	2.370E-02	2.717	0.11
65	65	18	Lr	0.12	2.347E-02	2.44	0.11
65	65	17	Lr	0.12	2.366E-02	2.402	0.11
65	65	19	Lr	0.12	2.361E-02	2.742	0.11
65	65	20	Lr	0.12	2.342E-02	2.782	0.11
65	65	18	Le	5.306E-02	1.052E-02	2.44	4.866E-02
65	65	17	Le	5.347E-02	1.060E-02	2.402	4.903E-02
65	65	19	Le	5.349E-02	1.058E-02	2.742	4.906E-02
65	65	20	Le	5.308E-02	1.049E-02	2.782	4.869E-02
66	66	19	DEAD	0.12	2.370E-02	3.597	0.11
66	66	21	DEAD	0.12	2.339E-02	4.802	0.11
66	66	22	DEAD	0.12	2.325E-02	4.718	0.11
66	66	20	DEAD	0.12	2.355E-02	3.503	0.11
66	66	19	Lr	0.12	2.344E-02	3.538	0.11
66	66	21	Lr	0.12	2.314E-02	4.748	0.11
66	66	22	Lr	0.12	2.297E-02	4.773	0.11
66	66	20	Lr	0.12	2.327E-02	3.555	0.11
66	66	19	Le	5.351E-02	1.050E-02	3.538	4.911E-02
66	66	21	Le	5.364E-02	1.037E-02	4.748	4.928E-02
66	66	22	Le	5.326E-02	1.029E-02	4.773	4.893E-02
66	66	20	Le	5.312E-02	1.042E-02	3.555	4.876E-02
67	67	21	DEAD	8.925E-02	1.584E-02	8.679	8.248E-02
67	67	23	DEAD	8.913E-02	1.595E-02	8.386	8.232E-02
67	67	24	DEAD	8.841E-02	1.586E-02	8.305	8.164E-02
67	67	22	DEAD	8.852E-02	1.574E-02	8.601	8.179E-02
67	67	21	Lr	8.820E-02	1.567E-02	8.636	8.150E-02
67	67	23	Lr	8.809E-02	1.578E-02	8.349	8.135E-02
67	67	24	Lr	8.742E-02	1.564E-02	8.402	8.075E-02
67	67	22	Lr	8.753E-02	1.553E-02	8.691	8.090E-02
67	67	21	Le	3.952E-02	7.021E-03	8.636	3.652E-02
67	67	23	Le	3.947E-02	7.072E-03	8.349	3.645E-02
67	67	24	Le	3.917E-02	7.008E-03	8.402	3.618E-02
67	67	22	Le	3.922E-02	6.957E-03	8.691	3.625E-02
68	68	23	DEAD	8.924E-02	1.559E-02	9.194	8.256E-02
68	68	25	DEAD	8.941E-02	1.543E-02	9.561	8.278E-02
68	68	27	DEAD	8.876E-02	1.538E-02	9.438	8.216E-02
68	68	24	DEAD	8.860E-02	1.554E-02	9.067	8.195E-02
68	68	23	Lr	8.818E-02	1.544E-02	9.117	8.156E-02
68	68	25	Lr	8.834E-02	1.529E-02	9.482	8.177E-02
68	68	27	Lr	8.778E-02	1.516E-02	9.546	8.127E-02

Table: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	SMaxBot	SMinBot	SAngleBot	SVMBot
				KN/m2	KN/m2	Degrees	KN/m2
68	68	24	Lr	8.763E-02	1.531E-02	9.179	8.106E-02
68	68	23	Le	3.951E-02	6.918E-03	9.117	3.654E-02
68	68	25	Le	3.958E-02	6.849E-03	9.482	3.664E-02
68	68	27	Le	3.933E-02	6.792E-03	9.546	3.641E-02
68	68	24	Le	3.926E-02	6.861E-03	9.179	3.632E-02
69	69	25	DEAD	3.898E-02	-1.480E-03	25.915	3.974E-02
69	69	29	DEAD	3.899E-02	-1.490E-03	25.927	3.976E-02
69	69	30	DEAD	3.862E-02	-1.381E-03	25.815	3.933E-02
69	69	27	DEAD	3.861E-02	-1.370E-03	25.803	3.932E-02
69	69	25	Lr	3.847E-02	-1.411E-03	25.858	3.920E-02
69	69	29	Lr	3.849E-02	-1.429E-03	25.877	3.922E-02
69	69	30	Lr	3.831E-02	-1.503E-03	25.972	3.909E-02
69	69	27	Lr	3.830E-02	-1.486E-03	25.953	3.906E-02
69	69	25	Le	1.724E-02	-6.323E-04	25.858	1.756E-02
69	69	29	Le	1.725E-02	-6.401E-04	25.877	1.757E-02
69	69	30	Le	1.717E-02	-6.734E-04	25.972	1.751E-02
69	69	27	Le	1.716E-02	-6.656E-04	25.953	1.750E-02
70	70	29	DEAD	3.913E-02	-2.067E-03	26.57	4.020E-02
70	70	31	DEAD	3.754E-02	-4.688E-04	24.722	3.777E-02
70	70	32	DEAD	3.733E-02	-3.106E-04	24.516	3.749E-02
70	70	30	DEAD	3.892E-02	-1.900E-03	26.397	3.990E-02
70	70	29	Lr	3.883E-02	-2.204E-03	26.739	3.998E-02
70	70	31	Lr	3.715E-02	-5.260E-04	24.801	3.742E-02
70	70	32	Lr	3.712E-02	-5.321E-04	24.81	3.739E-02
70	70	30	Lr	3.880E-02	-2.211E-03	26.748	3.995E-02
70	70	29	Le	1.740E-02	-9.875E-04	26.739	1.791E-02
70	70	31	Le	1.665E-02	-2.357E-04	24.801	1.677E-02
70	70	32	Le	1.663E-02	-2.384E-04	24.81	1.675E-02
70	70	30	Le	1.738E-02	-9.904E-04	26.748	1.790E-02

Table: Element Stresses - Frames, Part 1 of 4

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
1	0.	DEAD	LinStatic	0	0.	0.	-151.01	
1	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1878.25	
1	0.	DEAD	LinStatic	2	-0.00753	0.00753	-9099.68	
1	0.	DEAD	LinStatic	3	0.01747	0.00753	9634.16	
1	0.20327	DEAD	LinStatic	0	0.	0.	-151.01	
1	0.20327	DEAD	LinStatic	1	-0.00753	-0.01747	3608.37	
1	0.20327	DEAD	LinStatic	2	-0.00753	0.00753	-15562.41	
1	0.20327	DEAD	LinStatic	3	0.01747	0.00753	16436.4	
1	0.	Lr	LinStatic	0	0.	0.	-149.25	
1	0.	Lr	LinStatic	1	-0.00753	-0.01747	1866.37	
1	0.	Lr	LinStatic	2	-0.00753	0.00753	-9038.07	
1	0.	Lr	LinStatic	3	0.01747	0.00753	9570.53	
1	0.20327	Lr	LinStatic	0	0.	0.	-149.25	
1	0.20327	Lr	LinStatic	1	-0.00753	-0.01747	3698.55	
1	0.20327	Lr	LinStatic	2	-0.00753	0.00753	-15980.96	
1	0.20327	Lr	LinStatic	3	0.01747	0.00753	16904.66	
1	0.	Le	LinStatic	0	0.	0.	-66.87	
1	0.	Le	LinStatic	1	-0.00753	-0.01747	836.23	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
1	0.	Le	LinStatic	2	-0.00753	0.00753	-4049.52	
1	0.	Le	LinStatic	3	0.01747	0.00753	4288.1	
1	0.20327	Le	LinStatic	0	0.	0.	-66.87	
1	0.20327	Le	LinStatic	1	-0.00753	-0.01747	1657.14	
1	0.20327	Le	LinStatic	2	-0.00753	0.00753	-7160.3	
1	0.20327	Le	LinStatic	3	0.01747	0.00753	7574.17	
2	0.	DEAD	LinStatic	0	0.	0.	-40370.62	
2	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-30705.05	
2	0.	DEAD	LinStatic	2	-0.00753	0.00753	-79215.13	
2	0.	DEAD	LinStatic	3	0.01747	0.00753	1248.	
2	0.4	DEAD	LinStatic	0	0.	0.	-40370.62	
2	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-30278.92	
2	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-74226.5	
2	0.4	DEAD	LinStatic	3	0.01747	0.00753	-5764.32	
2	0.	Lr	LinStatic	0	0.	0.	-39910.91	
2	0.	Lr	LinStatic	1	-0.00753	-0.01747	-30108.09	
2	0.	Lr	LinStatic	2	-0.00753	0.00753	-79386.56	
2	0.	Lr	LinStatic	3	0.01747	0.00753	2403.7	
2	0.4	Lr	LinStatic	0	0.	0.	-39910.91	
2	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-29665.57	
2	0.4	Lr	LinStatic	2	-0.00753	0.00753	-74563.11	
2	0.4	Lr	LinStatic	3	0.01747	0.00753	-4406.95	
2	0.	Le	LinStatic	0	0.	0.	-17882.16	
2	0.	Le	LinStatic	1	-0.00753	-0.01747	-13489.99	
2	0.	Le	LinStatic	2	-0.00753	0.00753	-35569.3	
2	0.	Le	LinStatic	3	0.01747	0.00753	1076.98	
2	0.4	Le	LinStatic	0	0.	0.	-17882.16	
2	0.4	Le	LinStatic	1	-0.00753	-0.01747	-13291.72	
2	0.4	Le	LinStatic	2	-0.00753	0.00753	-33408.15	
2	0.4	Le	LinStatic	3	0.01747	0.00753	-1974.54	
3	0.	DEAD	LinStatic	0	0.	0.	-40522.94	
3	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-28749.2	
3	0.	DEAD	LinStatic	2	-0.00753	0.00753	-81838.49	
3	0.	DEAD	LinStatic	3	0.01747	0.00753	2249.87	
3	0.4	DEAD	LinStatic	0	0.	0.	-40522.94	
3	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-29841.55	
3	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-73264.27	
3	0.4	DEAD	LinStatic	3	0.01747	0.00753	-7977.84	
3	0.	Lr	LinStatic	0	0.	0.	-40061.42	
3	0.	Lr	LinStatic	1	-0.00753	-0.01747	-28157.12	
3	0.	Lr	LinStatic	2	-0.00753	0.00753	-82072.47	
3	0.	Lr	LinStatic	3	0.01747	0.00753	3499.06	
3	0.4	Lr	LinStatic	0	0.	0.	-40061.42	
3	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-29243.03	
3	0.4	Lr	LinStatic	2	-0.00753	0.00753	-73591.29	
3	0.4	Lr	LinStatic	3	0.01747	0.00753	-6612.25	
3	0.	Le	LinStatic	0	0.	0.	-17949.6	
3	0.	Le	LinStatic	1	-0.00753	-0.01747	-12615.85	
3	0.	Le	LinStatic	2	-0.00753	0.00753	-36772.73	
3	0.	Le	LinStatic	3	0.01747	0.00753	1567.76	
3	0.4	Le	LinStatic	0	0.	0.	-17949.6	
3	0.4	Le	LinStatic	1	-0.00753	-0.01747	-13102.4	
3	0.4	Le	LinStatic	2	-0.00753	0.00753	-32972.72	
3	0.4	Le	LinStatic	3	0.01747	0.00753	-2962.63	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
4	0.	DEAD	LinStatic	0	0.	0.	-77785.12	
4	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-65856.99	
4	0.	DEAD	LinStatic	2	-0.00753	0.00753	-117364.68	
4	0.	DEAD	LinStatic	3	0.01747	0.00753	-37458.62	
4	0.4	DEAD	LinStatic	0	0.	0.	-77785.12	
4	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-66245.38	
4	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-109858.07	
4	0.4	DEAD	LinStatic	3	0.01747	0.00753	-46980.77	
4	0.	Lr	LinStatic	0	0.	0.	-76907.21	
4	0.	Lr	LinStatic	1	-0.00753	-0.01747	-64851.44	
4	0.	Lr	LinStatic	2	-0.00753	0.00753	-117210.46	
4	0.	Lr	LinStatic	3	0.01747	0.00753	-35752.92	
4	0.4	Lr	LinStatic	0	0.	0.	-76907.21	
4	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-65242.12	
4	0.4	Lr	LinStatic	2	-0.00753	0.00753	-109757.2	
4	0.4	Lr	LinStatic	3	0.01747	0.00753	-45202.34	
4	0.	Le	LinStatic	0	0.	0.	-34458.43	
4	0.	Le	LinStatic	1	-0.00753	-0.01747	-29056.81	
4	0.	Le	LinStatic	2	-0.00753	0.00753	-52516.37	
4	0.	Le	LinStatic	3	0.01747	0.00753	-16019.16	
4	0.4	Le	LinStatic	0	0.	0.	-34458.43	
4	0.4	Le	LinStatic	1	-0.00753	-0.01747	-29231.86	
4	0.4	Le	LinStatic	2	-0.00753	0.00753	-49176.93	
4	0.4	Le	LinStatic	3	0.01747	0.00753	-20253.	
5	0.	DEAD	LinStatic	0	0.	0.	-77887.24	
5	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-65182.04	
5	0.	DEAD	LinStatic	2	-0.00753	0.00753	-115098.71	
5	0.	DEAD	LinStatic	3	0.01747	0.00753	-41464.25	
5	0.4	DEAD	LinStatic	0	0.	0.	-77887.24	
5	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-65498.53	
5	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-111302.89	
5	0.4	DEAD	LinStatic	3	0.01747	0.00753	-46159.17	
5	0.	Lr	LinStatic	0	0.	0.	-77008.32	
5	0.	Lr	LinStatic	1	-0.00753	-0.01747	-64190.18	
5	0.	Lr	LinStatic	2	-0.00753	0.00753	-114943.03	
5	0.	Lr	LinStatic	3	0.01747	0.00753	-39743.42	
5	0.4	Lr	LinStatic	0	0.	0.	-77008.32	
5	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-64499.18	
5	0.4	Lr	LinStatic	2	-0.00753	0.00753	-111211.72	
5	0.4	Lr	LinStatic	3	0.01747	0.00753	-44360.65	
5	0.	Le	LinStatic	0	0.	0.	-34503.73	
5	0.	Le	LinStatic	1	-0.00753	-0.01747	-28760.53	
5	0.	Le	LinStatic	2	-0.00753	0.00753	-51500.45	
5	0.	Le	LinStatic	3	0.01747	0.00753	-17807.12	
5	0.4	Le	LinStatic	0	0.	0.	-34503.73	
5	0.4	Le	LinStatic	1	-0.00753	-0.01747	-28898.98	
5	0.4	Le	LinStatic	2	-0.00753	0.00753	-49828.63	
5	0.4	Le	LinStatic	3	0.01747	0.00753	-19875.88	
6	0.	DEAD	LinStatic	0	0.	0.	-97266.09	
6	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-84181.1	
6	0.	DEAD	LinStatic	2	-0.00753	0.00753	-134169.97	
6	0.	DEAD	LinStatic	3	0.01747	0.00753	-61628.99	
6	0.4	DEAD	LinStatic	0	0.	0.	-97266.09	
6	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-84739.62	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
6	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-129952.88	
6	0.4	DEAD	LinStatic	3	0.01747	0.00753	-66638.06	
6	0.	Lr	LinStatic	0	0.	0.	-96176.21	
6	0.	Lr	LinStatic	1	-0.00753	-0.01747	-82977.22	
6	0.	Lr	LinStatic	2	-0.00753	0.00753	-133834.94	
6	0.	Lr	LinStatic	3	0.01747	0.00753	-59656.53	
6	0.4	Lr	LinStatic	0	0.	0.	-96176.21	
6	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-83535.01	
6	0.4	Lr	LinStatic	2	-0.00753	0.00753	-129632.4	
6	0.4	Lr	LinStatic	3	0.01747	0.00753	-64647.1	
6	0.	Le	LinStatic	0	0.	0.	-43091.94	
6	0.	Le	LinStatic	1	-0.00753	-0.01747	-37178.1	
6	0.	Le	LinStatic	2	-0.00753	0.00753	-59965.01	
6	0.	Le	LinStatic	3	0.01747	0.00753	-26729.22	
6	0.4	Le	LinStatic	0	0.	0.	-43091.94	
6	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37428.02	
6	0.4	Le	LinStatic	2	-0.00753	0.00753	-58082.05	
6	0.4	Le	LinStatic	3	0.01747	0.00753	-28965.26	
7	0.	DEAD	LinStatic	0	0.	0.	-97305.76	
7	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-84340.34	
7	0.	DEAD	LinStatic	2	-0.00753	0.00753	-131936.51	
7	0.	DEAD	LinStatic	3	0.01747	0.00753	-64550.18	
7	0.4	DEAD	LinStatic	0	0.	0.	-97305.76	
7	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-84350.57	
7	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-131753.75	
7	0.4	DEAD	LinStatic	3	0.01747	0.00753	-64781.24	
7	0.	Lr	LinStatic	0	0.	0.	-96215.41	
7	0.	Lr	LinStatic	1	-0.00753	-0.01747	-83140.23	
7	0.	Lr	LinStatic	2	-0.00753	0.00753	-131593.07	
7	0.	Lr	LinStatic	3	0.01747	0.00753	-62583.48	
7	0.4	Lr	LinStatic	0	0.	0.	-96215.41	
7	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-83142.99	
7	0.4	Lr	LinStatic	2	-0.00753	0.00753	-131444.54	
7	0.4	Lr	LinStatic	3	0.01747	0.00753	-62776.82	
7	0.	Le	LinStatic	0	0.	0.	-43109.5	
7	0.	Le	LinStatic	1	-0.00753	-0.01747	-37251.14	
7	0.	Le	LinStatic	2	-0.00753	0.00753	-58960.53	
7	0.	Le	LinStatic	3	0.01747	0.00753	-28040.65	
7	0.4	Le	LinStatic	0	0.	0.	-43109.5	
7	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37252.38	
7	0.4	Le	LinStatic	2	-0.00753	0.00753	-58893.98	
7	0.4	Le	LinStatic	3	0.01747	0.00753	-28127.28	
8	0.	DEAD	LinStatic	0	0.	0.	-98808.51	
8	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-85629.19	
8	0.	DEAD	LinStatic	2	-0.00753	0.00753	-133622.48	
8	0.	DEAD	LinStatic	3	0.01747	0.00753	-66024.95	
8	0.4	DEAD	LinStatic	0	0.	0.	-98808.51	
8	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-85838.7	
8	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-133082.14	
8	0.4	DEAD	LinStatic	3	0.01747	0.00753	-66528.82	
8	0.	Lr	LinStatic	0	0.	0.	-97687.94	
8	0.	Lr	LinStatic	1	-0.00753	-0.01747	-84394.24	
8	0.	Lr	LinStatic	2	-0.00753	0.00753	-133279.27	
8	0.	Lr	LinStatic	3	0.01747	0.00753	-63992.44	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
8	0.4	Lr	LinStatic	0	0.	0.	-97687.94	
8	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-84608.97	
8	0.4	Lr	LinStatic	2	-0.00753	0.00753	-132715.14	
8	0.4	Lr	LinStatic	3	0.01747	0.00753	-64522.51	
8	0.	Le	LinStatic	0	0.	0.	-43769.27	
8	0.	Le	LinStatic	1	-0.00753	-0.01747	-37813.	
8	0.	Le	LinStatic	2	-0.00753	0.00753	-59716.04	
8	0.	Le	LinStatic	3	0.01747	0.00753	-28671.94	
8	0.4	Le	LinStatic	0	0.	0.	-43769.27	
8	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37909.21	
8	0.4	Le	LinStatic	2	-0.00753	0.00753	-59463.28	
8	0.4	Le	LinStatic	3	0.01747	0.00753	-28909.44	
9	0.	DEAD	LinStatic	0	0.	0.	-98783.49	
9	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-86116.02	
9	0.	DEAD	LinStatic	2	-0.00753	0.00753	-131691.61	
9	0.	DEAD	LinStatic	3	0.01747	0.00753	-68004.24	
9	0.4	DEAD	LinStatic	0	0.	0.	-98783.49	
9	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-85736.4	
9	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-135223.12	
9	0.4	DEAD	LinStatic	3	0.01747	0.00753	-63721.43	
9	0.	Lr	LinStatic	0	0.	0.	-97663.28	
9	0.	Lr	LinStatic	1	-0.00753	-0.01747	-84883.11	
9	0.	Lr	LinStatic	2	-0.00753	0.00753	-131341.74	
9	0.	Lr	LinStatic	3	0.01747	0.00753	-65979.7	
9	0.4	Lr	LinStatic	0	0.	0.	-97663.28	
9	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-84504.15	
9	0.4	Lr	LinStatic	2	-0.00753	0.00753	-134858.3	
9	0.4	Lr	LinStatic	3	0.01747	0.00753	-61715.95	
9	0.	Le	LinStatic	0	0.	0.	-43758.22	
9	0.	Le	LinStatic	1	-0.00753	-0.01747	-38032.04	
9	0.	Le	LinStatic	2	-0.00753	0.00753	-58847.92	
9	0.	Le	LinStatic	3	0.01747	0.00753	-29562.33	
9	0.4	Le	LinStatic	0	0.	0.	-43758.22	
9	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37862.25	
9	0.4	Le	LinStatic	2	-0.00753	0.00753	-60423.52	
9	0.4	Le	LinStatic	3	0.01747	0.00753	-27651.95	
10	0.	DEAD	LinStatic	0	0.	0.	-82399.38	
10	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-69649.13	
10	0.	DEAD	LinStatic	2	-0.00753	0.00753	-116032.83	
10	0.	DEAD	LinStatic	3	0.01747	0.00753	-50745.29	
10	0.4	DEAD	LinStatic	0	0.	0.	-82399.38	
10	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-69818.26	
10	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-119021.92	
10	0.4	DEAD	LinStatic	3	0.01747	0.00753	-46629.85	
10	0.	Lr	LinStatic	0	0.	0.	-81454.32	
10	0.	Lr	LinStatic	1	-0.00753	-0.01747	-68585.96	
10	0.	Lr	LinStatic	2	-0.00753	0.00753	-115879.5	
10	0.	Lr	LinStatic	3	0.01747	0.00753	-48873.1	
10	0.4	Lr	LinStatic	0	0.	0.	-81454.32	
10	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-68760.82	
10	0.4	Lr	LinStatic	2	-0.00753	0.00753	-118803.64	
10	0.4	Lr	LinStatic	3	0.01747	0.00753	-44837.66	
10	0.	Le	LinStatic	0	0.	0.	-36495.77	
10	0.	Le	LinStatic	1	-0.00753	-0.01747	-30730.07	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
10	0.	Le	LinStatic	2	-0.00753	0.00753	-51920.04	
10	0.	Le	LinStatic	3	0.01747	0.00753	-21897.69	
10	0.4	Le	LinStatic	0	0.	0.	-36495.77	
10	0.4	Le	LinStatic	1	-0.00753	-0.01747	-30808.42	
10	0.4	Le	LinStatic	2	-0.00753	0.00753	-53230.2	
10	0.4	Le	LinStatic	3	0.01747	0.00753	-20089.6	
11	0.	DEAD	LinStatic	0	0.	0.	-82310.8	
11	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-70765.02	
11	0.	DEAD	LinStatic	2	-0.00753	0.00753	-114314.83	
11	0.	DEAD	LinStatic	3	0.01747	0.00753	-51603.49	
11	0.4	DEAD	LinStatic	0	0.	0.	-82310.8	
11	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-70092.99	
11	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-121445.74	
11	0.4	DEAD	LinStatic	3	0.01747	0.00753	-42860.99	
11	0.	Lr	LinStatic	0	0.	0.	-81366.86	
11	0.	Lr	LinStatic	1	-0.00753	-0.01747	-69696.71	
11	0.	Lr	LinStatic	2	-0.00753	0.00753	-114151.92	
11	0.	Lr	LinStatic	3	0.01747	0.00753	-49752.75	
11	0.4	Lr	LinStatic	0	0.	0.	-81366.86	
11	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-69031.77	
11	0.4	Lr	LinStatic	2	-0.00753	0.00753	-121224.92	
11	0.4	Lr	LinStatic	3	0.01747	0.00753	-41079.62	
11	0.	Le	LinStatic	0	0.	0.	-36456.58	
11	0.	Le	LinStatic	1	-0.00753	-0.01747	-31227.75	
11	0.	Le	LinStatic	2	-0.00753	0.00753	-51145.99	
11	0.	Le	LinStatic	3	0.01747	0.00753	-22291.82	
11	0.4	Le	LinStatic	0	0.	0.	-36456.58	
11	0.4	Le	LinStatic	1	-0.00753	-0.01747	-30929.82	
11	0.4	Le	LinStatic	2	-0.00753	0.00753	-54315.06	
11	0.4	Le	LinStatic	3	0.01747	0.00753	-18405.81	
12	0.	DEAD	LinStatic	0	0.	0.	-48041.38	
12	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-36614.5	
12	0.	DEAD	LinStatic	2	-0.00753	0.00753	-81194.9	
12	0.	DEAD	LinStatic	3	0.01747	0.00753	-15697.57	
12	0.4	DEAD	LinStatic	0	0.	0.	-48041.38	
12	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-36805.82	
12	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-87867.06	
12	0.4	DEAD	LinStatic	3	0.01747	0.00753	-6697.39	
12	0.	Lr	LinStatic	0	0.	0.	-47478.35	
12	0.	Lr	LinStatic	1	-0.00753	-0.01747	-35921.8	
12	0.	Lr	LinStatic	2	-0.00753	0.00753	-81428.23	
12	0.	Lr	LinStatic	3	0.01747	0.00753	-14212.8	
12	0.4	Lr	LinStatic	0	0.	0.	-47478.35	
12	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-36126.59	
12	0.4	Lr	LinStatic	2	-0.00753	0.00753	-87990.58	
12	0.4	Lr	LinStatic	3	0.01747	0.00753	-5344.12	
12	0.	Le	LinStatic	0	0.	0.	-21272.77	
12	0.	Le	LinStatic	1	-0.00753	-0.01747	-16094.83	
12	0.	Le	LinStatic	2	-0.00753	0.00753	-36484.08	
12	0.	Le	LinStatic	3	0.01747	0.00753	-6368.07	
12	0.4	Le	LinStatic	0	0.	0.	-21272.77	
12	0.4	Le	LinStatic	1	-0.00753	-0.01747	-16186.59	
12	0.4	Le	LinStatic	2	-0.00753	0.00753	-39424.35	
12	0.4	Le	LinStatic	3	0.01747	0.00753	-2394.44	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
13	0.	DEAD	LinStatic	0	0.	0.	-47893.57	
13	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-38382.29	
13	0.	DEAD	LinStatic	2	-0.00753	0.00753	-80078.36	
13	0.	DEAD	LinStatic	3	0.01747	0.00753	-14913.11	
13	0.4	DEAD	LinStatic	0	0.	0.	-47893.57	
13	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-37817.78	
13	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-89378.64	
13	0.4	DEAD	LinStatic	3	0.01747	0.00753	-3198.99	
13	0.	Lr	LinStatic	0	0.	0.	-47332.5	
13	0.	Lr	LinStatic	1	-0.00753	-0.01747	-37684.14	
13	0.	Lr	LinStatic	2	-0.00753	0.00753	-80299.24	
13	0.	Lr	LinStatic	3	0.01747	0.00753	-13456.76	
13	0.4	Lr	LinStatic	0	0.	0.	-47332.5	
13	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-37140.34	
13	0.4	Lr	LinStatic	2	-0.00753	0.00753	-89493.08	
13	0.4	Lr	LinStatic	3	0.01747	0.00753	-1862.45	
13	0.	Le	LinStatic	0	0.	0.	-21207.42	
13	0.	Le	LinStatic	1	-0.00753	-0.01747	-16884.45	
13	0.	Le	LinStatic	2	-0.00753	0.00753	-35978.23	
13	0.	Le	LinStatic	3	0.01747	0.00753	-6029.33	
13	0.4	Le	LinStatic	0	0.	0.	-21207.42	
13	0.4	Le	LinStatic	1	-0.00753	-0.01747	-16640.8	
13	0.4	Le	LinStatic	2	-0.00753	0.00753	-40097.55	
13	0.4	Le	LinStatic	3	0.01747	0.00753	-834.48	
14	0.	DEAD	LinStatic	0	0.	0.	-288.29	
14	0.	DEAD	LinStatic	1	-0.00753	-0.01747	7168.01	
14	0.	DEAD	LinStatic	2	-0.00753	0.00753	-29704.09	
14	0.	DEAD	LinStatic	3	0.01747	0.00753	31091.41	
14	0.33673	DEAD	LinStatic	0	0.	0.	-288.29	
14	0.33673	DEAD	LinStatic	1	-0.00753	-0.01747	4189.1	
14	0.33673	DEAD	LinStatic	2	-0.00753	0.00753	-19819.63	
14	0.33673	DEAD	LinStatic	3	0.01747	0.00753	21020.44	
14	0.	Lr	LinStatic	0	0.	0.	-286.72	
14	0.	Lr	LinStatic	1	-0.00753	-0.01747	7281.7	
14	0.	Lr	LinStatic	2	-0.00753	0.00753	-30428.35	
14	0.	Lr	LinStatic	3	0.01747	0.00753	31939.14	
14	0.33673	Lr	LinStatic	0	0.	0.	-286.72	
14	0.33673	Lr	LinStatic	1	-0.00753	-0.01747	4216.6	
14	0.33673	Lr	LinStatic	2	-0.00753	0.00753	-19919.61	
14	0.33673	Lr	LinStatic	3	0.01747	0.00753	21130.14	
14	0.	Le	LinStatic	0	0.	0.	-128.46	
14	0.	Le	LinStatic	1	-0.00753	-0.01747	3262.58	
14	0.	Le	LinStatic	2	-0.00753	0.00753	-13633.48	
14	0.	Le	LinStatic	3	0.01747	0.00753	14310.4	
14	0.33673	Le	LinStatic	0	0.	0.	-128.46	
14	0.33673	Le	LinStatic	1	-0.00753	-0.01747	1889.26	
14	0.33673	Le	LinStatic	2	-0.00753	0.00753	-8925.02	
14	0.33673	Le	LinStatic	3	0.01747	0.00753	9467.4	
16	0.	DEAD	LinStatic	0	0.	0.	14754.37	
16	0.	DEAD	LinStatic	1	-0.00753	-0.01747	18091.79	
16	0.	DEAD	LinStatic	2	-0.00753	0.00753	4352.49	
16	0.	DEAD	LinStatic	3	0.01747	0.00753	25149.95	
16	0.20327	DEAD	LinStatic	0	0.	0.	14754.37	
16	0.20327	DEAD	LinStatic	1	-0.00753	-0.01747	11632.37	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
16	0.20327	DEAD	LinStatic	2	-0.00753	0.00753	24542.22	
16	0.20327	DEAD	LinStatic	3	0.01747	0.00753	4954.02	
16	0.	Lr	LinStatic	0	0.	0.	14581.52	
16	0.	Lr	LinStatic	1	-0.00753	-0.01747	17824.73	
16	0.	Lr	LinStatic	2	-0.00753	0.00753	4253.02	
16	0.	Lr	LinStatic	3	0.01747	0.00753	24974.44	
16	0.20327	Lr	LinStatic	0	0.	0.	14581.52	
16	0.20327	Lr	LinStatic	1	-0.00753	-0.01747	11487.09	
16	0.20327	Lr	LinStatic	2	-0.00753	0.00753	24456.83	
16	0.20327	Lr	LinStatic	3	0.01747	0.00753	4638.14	
16	0.	Le	LinStatic	0	0.	0.	6533.28	
16	0.	Le	LinStatic	1	-0.00753	-0.01747	7986.4	
16	0.	Le	LinStatic	2	-0.00753	0.00753	1905.57	
16	0.	Le	LinStatic	3	0.01747	0.00753	11189.85	
16	0.20327	Le	LinStatic	0	0.	0.	6533.28	
16	0.20327	Le	LinStatic	1	-0.00753	-0.01747	5146.81	
16	0.20327	Le	LinStatic	2	-0.00753	0.00753	10957.93	
16	0.20327	Le	LinStatic	3	0.01747	0.00753	2078.13	
17	0.	DEAD	LinStatic	0	0.	0.	14970.75	
17	0.	DEAD	LinStatic	1	-0.00753	-0.01747	17739.64	
17	0.	DEAD	LinStatic	2	-0.00753	0.00753	9378.76	
17	0.	DEAD	LinStatic	3	0.01747	0.00753	19584.64	
17	0.4	DEAD	LinStatic	0	0.	0.	14970.75	
17	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	15076.12	
17	0.4	DEAD	LinStatic	2	-0.00753	0.00753	22357.94	
17	0.4	DEAD	LinStatic	3	0.01747	0.00753	5112.48	
17	0.	Lr	LinStatic	0	0.	0.	14796.61	
17	0.	Lr	LinStatic	1	-0.00753	-0.01747	17432.41	
17	0.	Lr	LinStatic	2	-0.00753	0.00753	9552.19	
17	0.	Lr	LinStatic	3	0.01747	0.00753	19084.71	
17	0.4	Lr	LinStatic	0	0.	0.	14796.61	
17	0.4	Lr	LinStatic	1	-0.00753	-0.01747	14844.98	
17	0.4	Lr	LinStatic	2	-0.00753	0.00753	22433.88	
17	0.4	Lr	LinStatic	3	0.01747	0.00753	4665.18	
17	0.	Le	LinStatic	0	0.	0.	6629.65	
17	0.	Le	LinStatic	1	-0.00753	-0.01747	7810.63	
17	0.	Le	LinStatic	2	-0.00753	0.00753	4279.88	
17	0.	Le	LinStatic	3	0.01747	0.00753	8550.94	
17	0.4	Le	LinStatic	0	0.	0.	6629.65	
17	0.4	Le	LinStatic	1	-0.00753	-0.01747	6651.32	
17	0.4	Le	LinStatic	2	-0.00753	0.00753	10051.54	
17	0.4	Le	LinStatic	3	0.01747	0.00753	2090.24	
18	0.	DEAD	LinStatic	0	0.	0.	61167.85	
18	0.	DEAD	LinStatic	1	-0.00753	-0.01747	65026.46	
18	0.	DEAD	LinStatic	2	-0.00753	0.00753	58124.39	
18	0.	DEAD	LinStatic	3	0.01747	0.00753	61327.34	
18	0.4	DEAD	LinStatic	0	0.	0.	61167.85	
18	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	61819.22	
18	0.4	DEAD	LinStatic	2	-0.00753	0.00753	68579.81	
18	0.4	DEAD	LinStatic	3	0.01747	0.00753	50730.88	
18	0.	Lr	LinStatic	0	0.	0.	60475.23	
18	0.	Lr	LinStatic	1	-0.00753	-0.01747	64177.04	
18	0.	Lr	LinStatic	2	-0.00753	0.00753	57827.21	
18	0.	Lr	LinStatic	3	0.01747	0.00753	60269.46	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
18	0.4	Lr	LinStatic	0	0.	0.	60475.23	
18	0.4	Lr	LinStatic	1	-0.00753	-0.01747	61088.47	
18	0.4	Lr	LinStatic	2	-0.00753	0.00753	68084.97	
18	0.4	Lr	LinStatic	3	0.01747	0.00753	49815.29	
18	0.	Le	LinStatic	0	0.	0.	27096.05	
18	0.	Le	LinStatic	1	-0.00753	-0.01747	28754.65	
18	0.	Le	LinStatic	2	-0.00753	0.00753	25909.59	
18	0.	Le	LinStatic	3	0.01747	0.00753	27003.85	
18	0.4	Le	LinStatic	0	0.	0.	27096.05	
18	0.4	Le	LinStatic	1	-0.00753	-0.01747	27370.81	
18	0.4	Le	LinStatic	2	-0.00753	0.00753	30505.61	
18	0.4	Le	LinStatic	3	0.01747	0.00753	22319.84	
19	0.	DEAD	LinStatic	0	0.	0.	61257.37	
19	0.	DEAD	LinStatic	1	-0.00753	-0.01747	65458.61	
19	0.	DEAD	LinStatic	2	-0.00753	0.00753	60132.6	
19	0.	DEAD	LinStatic	3	0.01747	0.00753	58541.12	
19	0.4	DEAD	LinStatic	0	0.	0.	61257.37	
19	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	63582.99	
19	0.4	DEAD	LinStatic	2	-0.00753	0.00753	68167.56	
19	0.4	DEAD	LinStatic	3	0.01747	0.00753	49808.64	
19	0.	Lr	LinStatic	0	0.	0.	60563.95	
19	0.	Lr	LinStatic	1	-0.00753	-0.01747	64609.98	
19	0.	Lr	LinStatic	2	-0.00753	0.00753	59793.64	
19	0.	Lr	LinStatic	3	0.01747	0.00753	57534.92	
19	0.4	Lr	LinStatic	0	0.	0.	60563.95	
19	0.4	Lr	LinStatic	1	-0.00753	-0.01747	62824.79	
19	0.4	Lr	LinStatic	2	-0.00753	0.00753	67698.47	
19	0.4	Lr	LinStatic	3	0.01747	0.00753	48883.82	
19	0.	Le	LinStatic	0	0.	0.	27135.8	
19	0.	Le	LinStatic	1	-0.00753	-0.01747	28948.63	
19	0.	Le	LinStatic	2	-0.00753	0.00753	26790.66	
19	0.	Le	LinStatic	3	0.01747	0.00753	25778.63	
19	0.4	Le	LinStatic	0	0.	0.	27135.8	
19	0.4	Le	LinStatic	1	-0.00753	-0.01747	28148.77	
19	0.4	Le	LinStatic	2	-0.00753	0.00753	30332.43	
19	0.4	Le	LinStatic	3	0.01747	0.00753	21902.49	
20	0.	DEAD	LinStatic	0	0.	0.	89527.31	
20	0.	DEAD	LinStatic	1	-0.00753	-0.01747	94209.02	
20	0.	DEAD	LinStatic	2	-0.00753	0.00753	90085.97	
20	0.	DEAD	LinStatic	3	0.01747	0.00753	84108.03	
20	0.4	DEAD	LinStatic	0	0.	0.	89527.31	
20	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	92381.6	
20	0.4	DEAD	LinStatic	2	-0.00753	0.00753	96208.11	
20	0.4	DEAD	LinStatic	3	0.01747	0.00753	77852.74	
20	0.	Lr	LinStatic	0	0.	0.	88520.74	
20	0.	Lr	LinStatic	1	-0.00753	-0.01747	93038.26	
20	0.	Lr	LinStatic	2	-0.00753	0.00753	89429.93	
20	0.	Lr	LinStatic	3	0.01747	0.00753	82802.87	
20	0.4	Lr	LinStatic	0	0.	0.	88520.74	
20	0.4	Lr	LinStatic	1	-0.00753	-0.01747	91316.01	
20	0.4	Lr	LinStatic	2	-0.00753	0.00753	95407.5	
20	0.4	Lr	LinStatic	3	0.01747	0.00753	76633.28	
20	0.	Le	LinStatic	0	0.	0.	39661.89	
20	0.	Le	LinStatic	1	-0.00753	-0.01747	41685.97	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
20	0.	Le	LinStatic	2	-0.00753	0.00753	40069.26	
20	0.	Le	LinStatic	3	0.01747	0.00753	37099.99	
20	0.4	Le	LinStatic	0	0.	0.	39661.89	
20	0.4	Le	LinStatic	1	-0.00753	-0.01747	40914.32	
20	0.4	Le	LinStatic	2	-0.00753	0.00753	42747.51	
20	0.4	Le	LinStatic	3	0.01747	0.00753	34335.69	
21	0.	DEAD	LinStatic	0	0.	0.	89568.3	
21	0.	DEAD	LinStatic	1	-0.00753	-0.01747	94567.29	
21	0.	DEAD	LinStatic	2	-0.00753	0.00753	91529.91	
21	0.	DEAD	LinStatic	3	0.01747	0.00753	81979.49	
21	0.4	DEAD	LinStatic	0	0.	0.	89568.3	
21	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	93578.33	
21	0.4	DEAD	LinStatic	2	-0.00753	0.00753	95266.08	
21	0.4	DEAD	LinStatic	3	0.01747	0.00753	78035.8	
21	0.	Lr	LinStatic	0	0.	0.	88561.46	
21	0.	Lr	LinStatic	1	-0.00753	-0.01747	93407.3	
21	0.	Lr	LinStatic	2	-0.00753	0.00753	90833.62	
21	0.	Lr	LinStatic	3	0.01747	0.00753	80715.81	
21	0.4	Lr	LinStatic	0	0.	0.	88561.46	
21	0.4	Lr	LinStatic	1	-0.00753	-0.01747	92455.62	
21	0.4	Lr	LinStatic	2	-0.00753	0.00753	94522.08	
21	0.4	Lr	LinStatic	3	0.01747	0.00753	76797.84	
21	0.	Le	LinStatic	0	0.	0.	39680.14	
21	0.	Le	LinStatic	1	-0.00753	-0.01747	41851.32	
21	0.	Le	LinStatic	2	-0.00753	0.00753	40698.18	
21	0.	Le	LinStatic	3	0.01747	0.00753	36164.88	
21	0.4	Le	LinStatic	0	0.	0.	39680.14	
21	0.4	Le	LinStatic	1	-0.00753	-0.01747	41424.92	
21	0.4	Le	LinStatic	2	-0.00753	0.00753	42350.8	
21	0.4	Le	LinStatic	3	0.01747	0.00753	34409.42	
22	0.	DEAD	LinStatic	0	0.	0.	100013.05	
22	0.	DEAD	LinStatic	1	-0.00753	-0.01747	104213.42	
22	0.	DEAD	LinStatic	2	-0.00753	0.00753	103803.09	
22	0.	DEAD	LinStatic	3	0.01747	0.00753	90808.9	
22	0.4	DEAD	LinStatic	0	0.	0.	100013.05	
22	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	104118.5	
22	0.4	DEAD	LinStatic	2	-0.00753	0.00753	105046.87	
22	0.4	DEAD	LinStatic	3	0.01747	0.00753	89261.73	
22	0.	Lr	LinStatic	0	0.	0.	98885.5	
22	0.	Lr	LinStatic	1	-0.00753	-0.01747	102962.4	
22	0.	Lr	LinStatic	2	-0.00753	0.00753	102968.4	
22	0.	Lr	LinStatic	3	0.01747	0.00753	89418.17	
22	0.4	Lr	LinStatic	0	0.	0.	98885.5	
22	0.4	Lr	LinStatic	1	-0.00753	-0.01747	102902.02	
22	0.4	Lr	LinStatic	2	-0.00753	0.00753	104152.69	
22	0.4	Lr	LinStatic	3	0.01747	0.00753	87915.	
22	0.	Le	LinStatic	0	0.	0.	44305.84	
22	0.	Le	LinStatic	1	-0.00753	-0.01747	46132.5	
22	0.	Le	LinStatic	2	-0.00753	0.00753	46135.19	
22	0.	Le	LinStatic	3	0.01747	0.00753	40063.99	
22	0.4	Le	LinStatic	0	0.	0.	44305.84	
22	0.4	Le	LinStatic	1	-0.00753	-0.01747	46105.45	
22	0.4	Le	LinStatic	2	-0.00753	0.00753	46665.82	
22	0.4	Le	LinStatic	3	0.01747	0.00753	39390.49	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
23	0.	DEAD	LinStatic	0	0.	0.	100010.	
23	0.	DEAD	LinStatic	1	-0.00753	-0.01747	104515.08	
23	0.	DEAD	LinStatic	2	-0.00753	0.00753	104487.49	
23	0.	DEAD	LinStatic	3	0.01747	0.00753	89593.56	
23	0.4	DEAD	LinStatic	0	0.	0.	100010.	
23	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	104417.75	
23	0.4	DEAD	LinStatic	2	-0.00753	0.00753	104104.39	
23	0.4	DEAD	LinStatic	3	0.01747	0.00753	90196.66	
23	0.	Lr	LinStatic	0	0.	0.	98882.6	
23	0.	Lr	LinStatic	1	-0.00753	-0.01747	103221.01	
23	0.	Lr	LinStatic	2	-0.00753	0.00753	103657.93	
23	0.	Lr	LinStatic	3	0.01747	0.00753	88239.61	
23	0.4	Lr	LinStatic	0	0.	0.	98882.6	
23	0.4	Lr	LinStatic	1	-0.00753	-0.01747	103206.2	
23	0.4	Lr	LinStatic	2	-0.00753	0.00753	103228.67	
23	0.4	Lr	LinStatic	3	0.01747	0.00753	88821.16	
23	0.	Le	LinStatic	0	0.	0.	44304.54	
23	0.	Le	LinStatic	1	-0.00753	-0.01747	46248.38	
23	0.	Le	LinStatic	2	-0.00753	0.00753	46444.14	
23	0.	Le	LinStatic	3	0.01747	0.00753	39535.93	
23	0.4	Le	LinStatic	0	0.	0.	44304.54	
23	0.4	Le	LinStatic	1	-0.00753	-0.01747	46241.74	
23	0.4	Le	LinStatic	2	-0.00753	0.00753	46251.8	
23	0.4	Le	LinStatic	3	0.01747	0.00753	39796.49	
24	0.	DEAD	LinStatic	0	0.	0.	92580.68	
24	0.	DEAD	LinStatic	1	-0.00753	-0.01747	96408.71	
24	0.	DEAD	LinStatic	2	-0.00753	0.00753	98166.34	
24	0.	DEAD	LinStatic	3	0.01747	0.00753	81378.24	
24	0.4	DEAD	LinStatic	0	0.	0.	92580.68	
24	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	97428.93	
24	0.4	DEAD	LinStatic	2	-0.00753	0.00753	95160.44	
24	0.4	DEAD	LinStatic	3	0.01747	0.00753	84326.54	
24	0.	Lr	LinStatic	0	0.	0.	91525.55	
24	0.	Lr	LinStatic	1	-0.00753	-0.01747	95200.67	
24	0.	Lr	LinStatic	2	-0.00753	0.00753	97405.33	
24	0.	Lr	LinStatic	3	0.01747	0.00753	80087.72	
24	0.4	Lr	LinStatic	0	0.	0.	91525.55	
24	0.4	Lr	LinStatic	1	-0.00753	-0.01747	96286.27	
24	0.4	Lr	LinStatic	2	-0.00753	0.00753	94358.11	
24	0.4	Lr	LinStatic	3	0.01747	0.00753	83025.18	
24	0.	Le	LinStatic	0	0.	0.	41008.2	
24	0.	Le	LinStatic	1	-0.00753	-0.01747	42654.85	
24	0.	Le	LinStatic	2	-0.00753	0.00753	43642.65	
24	0.	Le	LinStatic	3	0.01747	0.00753	35883.46	
24	0.4	Le	LinStatic	0	0.	0.	41008.2	
24	0.4	Le	LinStatic	1	-0.00753	-0.01747	43141.25	
24	0.4	Le	LinStatic	2	-0.00753	0.00753	42277.34	
24	0.4	Le	LinStatic	3	0.01747	0.00753	37199.59	
25	0.	DEAD	LinStatic	0	0.	0.	92542.64	
25	0.	DEAD	LinStatic	1	-0.00753	-0.01747	95889.45	
25	0.	DEAD	LinStatic	2	-0.00753	0.00753	98783.35	
25	0.	DEAD	LinStatic	3	0.01747	0.00753	80956.59	
25	0.4	DEAD	LinStatic	0	0.	0.	92542.64	
25	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	96969.02	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
25	0.4	DEAD	LinStatic	2	-0.00753	0.00753	93899.31	
25	0.4	DEAD	LinStatic	3	0.01747	0.00753	86325.13	
25	0.	Lr	LinStatic	0	0.	0.	91488.08	
25	0.	Lr	LinStatic	1	-0.00753	-0.01747	94686.55	
25	0.	Lr	LinStatic	2	-0.00753	0.00753	98002.57	
25	0.	Lr	LinStatic	3	0.01747	0.00753	79688.91	
25	0.4	Lr	LinStatic	0	0.	0.	91488.08	
25	0.4	Lr	LinStatic	1	-0.00753	-0.01747	95827.43	
25	0.4	Lr	LinStatic	2	-0.00753	0.00753	93128.79	
25	0.4	Lr	LinStatic	3	0.01747	0.00753	84982.6	
25	0.	Le	LinStatic	0	0.	0.	40991.41	
25	0.	Le	LinStatic	1	-0.00753	-0.01747	42424.49	
25	0.	Le	LinStatic	2	-0.00753	0.00753	43910.24	
25	0.	Le	LinStatic	3	0.01747	0.00753	35704.77	
25	0.4	Le	LinStatic	0	0.	0.	40991.41	
25	0.4	Le	LinStatic	1	-0.00753	-0.01747	42935.67	
25	0.4	Le	LinStatic	2	-0.00753	0.00753	41726.53	
25	0.4	Le	LinStatic	3	0.01747	0.00753	38076.62	
26	0.	DEAD	LinStatic	0	0.	0.	67256.5	
26	0.	DEAD	LinStatic	1	-0.00753	-0.01747	69510.73	
26	0.	DEAD	LinStatic	2	-0.00753	0.00753	74122.12	
26	0.	DEAD	LinStatic	3	0.01747	0.00753	55937.99	
26	0.4	DEAD	LinStatic	0	0.	0.	67256.5	
26	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	72020.55	
26	0.4	DEAD	LinStatic	2	-0.00753	0.00753	66614.83	
26	0.4	DEAD	LinStatic	3	0.01747	0.00753	63339.6	
26	0.	Lr	LinStatic	0	0.	0.	66479.51	
26	0.	Lr	LinStatic	1	-0.00753	-0.01747	68596.03	
26	0.	Lr	LinStatic	2	-0.00753	0.00753	73624.83	
26	0.	Lr	LinStatic	3	0.01747	0.00753	54929.44	
26	0.4	Lr	LinStatic	0	0.	0.	66479.51	
26	0.4	Lr	LinStatic	1	-0.00753	-0.01747	71154.99	
26	0.4	Lr	LinStatic	2	-0.00753	0.00753	66127.62	
26	0.4	Lr	LinStatic	3	0.01747	0.00753	62268.63	
26	0.	Le	LinStatic	0	0.	0.	29786.28	
26	0.	Le	LinStatic	1	-0.00753	-0.01747	30734.59	
26	0.	Le	LinStatic	2	-0.00753	0.00753	32987.75	
26	0.	Le	LinStatic	3	0.01747	0.00753	24611.24	
26	0.4	Le	LinStatic	0	0.	0.	29786.28	
26	0.4	Le	LinStatic	1	-0.00753	-0.01747	31881.13	
26	0.4	Le	LinStatic	2	-0.00753	0.00753	29628.61	
26	0.4	Le	LinStatic	3	0.01747	0.00753	27899.58	
27	0.	DEAD	LinStatic	0	0.	0.	67174.56	
27	0.	DEAD	LinStatic	1	-0.00753	-0.01747	68794.12	
27	0.	DEAD	LinStatic	2	-0.00753	0.00753	74252.48	
27	0.	DEAD	LinStatic	3	0.01747	0.00753	56210.44	
27	0.4	DEAD	LinStatic	0	0.	0.	67174.56	
27	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	70939.73	
27	0.4	DEAD	LinStatic	2	-0.00753	0.00753	64901.07	
27	0.4	DEAD	LinStatic	3	0.01747	0.00753	66410.97	
27	0.	Lr	LinStatic	0	0.	0.	66398.78	
27	0.	Lr	LinStatic	1	-0.00753	-0.01747	67877.99	
27	0.	Lr	LinStatic	2	-0.00753	0.00753	73749.45	
27	0.	Lr	LinStatic	3	0.01747	0.00753	55214.9	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
27	0.4	Lr	LinStatic	0	0.	0.	66398.78	
27	0.4	Lr	LinStatic	1	-0.00753	-0.01747	70109.	
27	0.4	Lr	LinStatic	2	-0.00753	0.00753	64431.42	
27	0.4	Lr	LinStatic	3	0.01747	0.00753	65285.95	
27	0.	Le	LinStatic	0	0.	0.	29750.1	
27	0.	Le	LinStatic	1	-0.00753	-0.01747	30412.86	
27	0.	Le	LinStatic	2	-0.00753	0.00753	33043.58	
27	0.	Le	LinStatic	3	0.01747	0.00753	24739.14	
27	0.4	Le	LinStatic	0	0.	0.	29750.1	
27	0.4	Le	LinStatic	1	-0.00753	-0.01747	31412.47	
27	0.4	Le	LinStatic	2	-0.00753	0.00753	28868.62	
27	0.4	Le	LinStatic	3	0.01747	0.00753	29251.5	
28	0.	DEAD	LinStatic	0	0.	0.	24023.76	
28	0.	DEAD	LinStatic	1	-0.00753	-0.01747	23549.82	
28	0.	DEAD	LinStatic	2	-0.00753	0.00753	31637.99	
28	0.	DEAD	LinStatic	3	0.01747	0.00753	14445.05	
28	0.4	DEAD	LinStatic	0	0.	0.	24023.76	
28	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	28086.37	
28	0.4	DEAD	LinStatic	2	-0.00753	0.00753	19219.95	
28	0.4	DEAD	LinStatic	3	0.01747	0.00753	26303.34	
28	0.	Lr	LinStatic	0	0.	0.	23743.85	
28	0.	Lr	LinStatic	1	-0.00753	-0.01747	23136.65	
28	0.	Lr	LinStatic	2	-0.00753	0.00753	31643.61	
28	0.	Lr	LinStatic	3	0.01747	0.00753	13921.46	
28	0.4	Lr	LinStatic	0	0.	0.	23743.85	
28	0.4	Lr	LinStatic	1	-0.00753	-0.01747	27738.98	
28	0.4	Lr	LinStatic	2	-0.00753	0.00753	19271.59	
28	0.4	Lr	LinStatic	3	0.01747	0.00753	25653.21	
28	0.	Le	LinStatic	0	0.	0.	10638.48	
28	0.	Le	LinStatic	1	-0.00753	-0.01747	10366.42	
28	0.	Le	LinStatic	2	-0.00753	0.00753	14177.98	
28	0.	Le	LinStatic	3	0.01747	0.00753	6237.54	
28	0.4	Le	LinStatic	0	0.	0.	10638.48	
28	0.4	Le	LinStatic	1	-0.00753	-0.01747	12428.51	
28	0.4	Le	LinStatic	2	-0.00753	0.00753	8634.67	
28	0.4	Le	LinStatic	3	0.01747	0.00753	11493.97	
29	0.	DEAD	LinStatic	0	0.	0.	23877.53	
29	0.	DEAD	LinStatic	1	-0.00753	-0.01747	22535.73	
29	0.	DEAD	LinStatic	2	-0.00753	0.00753	32597.82	
29	0.	DEAD	LinStatic	3	0.01747	0.00753	13706.43	
29	0.33673	DEAD	LinStatic	0	0.	0.	23877.53	
29	0.33673	DEAD	LinStatic	1	-0.00753	-0.01747	25443.81	
29	0.33673	DEAD	LinStatic	2	-0.00753	0.00753	14253.52	
29	0.33673	DEAD	LinStatic	3	0.01747	0.00753	35017.28	
29	0.	Lr	LinStatic	0	0.	0.	23600.	
29	0.	Lr	LinStatic	1	-0.00753	-0.01747	22113.12	
29	0.	Lr	LinStatic	2	-0.00753	0.00753	32644.76	
29	0.	Lr	LinStatic	3	0.01747	0.00753	13145.6	
29	0.33673	Lr	LinStatic	0	0.	0.	23600.	
29	0.33673	Lr	LinStatic	1	-0.00753	-0.01747	25141.87	
29	0.33673	Lr	LinStatic	2	-0.00753	0.00753	13995.73	
29	0.33673	Lr	LinStatic	3	0.01747	0.00753	34738.1	
29	0.	Le	LinStatic	0	0.	0.	10574.03	
29	0.	Le	LinStatic	1	-0.00753	-0.01747	9907.83	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
29	0.	Le	LinStatic	2	-0.00753	0.00753	14626.55	
29	0.	Le	LinStatic	3	0.01747	0.00753	5889.91	
29	0.33673	Le	LinStatic	0	0.	0.	10574.03	
29	0.33673	Le	LinStatic	1	-0.00753	-0.01747	11264.86	
29	0.33673	Le	LinStatic	2	-0.00753	0.00753	6270.81	
29	0.33673	Le	LinStatic	3	0.01747	0.00753	15564.47	
30	0.	DEAD	LinStatic	0	0.	0.	-151.81	
30	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1885.15	
30	0.	DEAD	LinStatic	2	-0.00753	0.00753	-9136.02	
30	0.	DEAD	LinStatic	3	0.01747	0.00753	9672.58	
30	0.20327	DEAD	LinStatic	0	0.	0.	-151.81	
30	0.20327	DEAD	LinStatic	1	-0.00753	-0.01747	3595.09	
30	0.20327	DEAD	LinStatic	2	-0.00753	0.00753	-15512.28	
30	0.20327	DEAD	LinStatic	3	0.01747	0.00753	16380.84	
30	0.	Lr	LinStatic	0	0.	0.	-149.77	
30	0.	Lr	LinStatic	1	-0.00753	-0.01747	1872.47	
30	0.	Lr	LinStatic	2	-0.00753	0.00753	-9067.31	
30	0.	Lr	LinStatic	3	0.01747	0.00753	9601.3	
30	0.20327	Lr	LinStatic	0	0.	0.	-149.77	
30	0.20327	Lr	LinStatic	1	-0.00753	-0.01747	3691.18	
30	0.20327	Lr	LinStatic	2	-0.00753	0.00753	-15940.3	
30	0.20327	Lr	LinStatic	3	0.01747	0.00753	16856.6	
30	0.	Le	LinStatic	0	0.	0.	-67.11	
30	0.	Le	LinStatic	1	-0.00753	-0.01747	838.97	
30	0.	Le	LinStatic	2	-0.00753	0.00753	-4062.63	
30	0.	Le	LinStatic	3	0.01747	0.00753	4301.88	
30	0.20327	Le	LinStatic	0	0.	0.	-67.11	
30	0.20327	Le	LinStatic	1	-0.00753	-0.01747	1653.84	
30	0.20327	Le	LinStatic	2	-0.00753	0.00753	-7142.08	
30	0.20327	Le	LinStatic	3	0.01747	0.00753	7552.63	
31	0.	DEAD	LinStatic	0	0.	0.	-40458.42	
31	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-30793.72	
31	0.	DEAD	LinStatic	2	-0.00753	0.00753	-79289.49	
31	0.	DEAD	LinStatic	3	0.01747	0.00753	1143.34	
31	0.4	DEAD	LinStatic	0	0.	0.	-40458.42	
31	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-30355.91	
31	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-74316.43	
31	0.4	DEAD	LinStatic	3	0.01747	0.00753	-5860.12	
31	0.	Lr	LinStatic	0	0.	0.	-39997.73	
31	0.	Lr	LinStatic	1	-0.00753	-0.01747	-30194.6	
31	0.	Lr	LinStatic	2	-0.00753	0.00753	-79457.26	
31	0.	Lr	LinStatic	3	0.01747	0.00753	2295.29	
31	0.4	Lr	LinStatic	0	0.	0.	-39997.73	
31	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-29740.73	
31	0.4	Lr	LinStatic	2	-0.00753	0.00753	-74655.13	
31	0.4	Lr	LinStatic	3	0.01747	0.00753	-4498.56	
31	0.	Le	LinStatic	0	0.	0.	-17921.06	
31	0.	Le	LinStatic	1	-0.00753	-0.01747	-13528.75	
31	0.	Le	LinStatic	2	-0.00753	0.00753	-35600.98	
31	0.	Le	LinStatic	3	0.01747	0.00753	1028.41	
31	0.4	Le	LinStatic	0	0.	0.	-17921.06	
31	0.4	Le	LinStatic	1	-0.00753	-0.01747	-13325.39	
31	0.4	Le	LinStatic	2	-0.00753	0.00753	-33449.37	
31	0.4	Le	LinStatic	3	0.01747	0.00753	-2015.59	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
32	0.	DEAD	LinStatic	0	0.	0.	-40611.32	
32	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-28821.22	
32	0.	DEAD	LinStatic	2	-0.00753	0.00753	-81955.21	
32	0.	DEAD	LinStatic	3	0.01747	0.00753	2182.57	
32	0.4	DEAD	LinStatic	0	0.	0.	-40611.32	
32	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-29924.3	
32	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-73295.38	
32	0.4	DEAD	LinStatic	3	0.01747	0.00753	-8147.42	
32	0.	Lr	LinStatic	0	0.	0.	-40148.58	
32	0.	Lr	LinStatic	1	-0.00753	-0.01747	-28228.18	
32	0.	Lr	LinStatic	2	-0.00753	0.00753	-82184.24	
32	0.	Lr	LinStatic	3	0.01747	0.00753	3428.31	
32	0.4	Lr	LinStatic	0	0.	0.	-40148.58	
32	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-29322.25	
32	0.4	Lr	LinStatic	2	-0.00753	0.00753	-73627.62	
32	0.4	Lr	LinStatic	3	0.01747	0.00753	-6774.44	
32	0.	Le	LinStatic	0	0.	0.	-17988.65	
32	0.	Le	LinStatic	1	-0.00753	-0.01747	-12647.69	
32	0.	Le	LinStatic	2	-0.00753	0.00753	-36822.81	
32	0.	Le	LinStatic	3	0.01747	0.00753	1536.06	
32	0.4	Le	LinStatic	0	0.	0.	-17988.65	
32	0.4	Le	LinStatic	1	-0.00753	-0.01747	-13137.89	
32	0.4	Le	LinStatic	2	-0.00753	0.00753	-32989.	
32	0.4	Le	LinStatic	3	0.01747	0.00753	-3035.3	
33	0.	DEAD	LinStatic	0	0.	0.	-77947.71	
33	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-66005.83	
33	0.	DEAD	LinStatic	2	-0.00753	0.00753	-117488.07	
33	0.	DEAD	LinStatic	3	0.01747	0.00753	-37686.71	
33	0.4	DEAD	LinStatic	0	0.	0.	-77947.71	
33	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-66388.53	
33	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-110035.62	
33	0.4	DEAD	LinStatic	3	0.01747	0.00753	-47143.06	
33	0.	Lr	LinStatic	0	0.	0.	-77067.81	
33	0.	Lr	LinStatic	1	-0.00753	-0.01747	-65000.72	
33	0.	Lr	LinStatic	2	-0.00753	0.00753	-117326.67	
33	0.	Lr	LinStatic	3	0.01747	0.00753	-35983.43	
33	0.4	Lr	LinStatic	0	0.	0.	-77067.81	
33	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-65382.65	
33	0.4	Lr	LinStatic	2	-0.00753	0.00753	-109936.2	
33	0.4	Lr	LinStatic	3	0.01747	0.00753	-45358.71	
33	0.	Le	LinStatic	0	0.	0.	-34530.38	
33	0.	Le	LinStatic	1	-0.00753	-0.01747	-29123.7	
33	0.	Le	LinStatic	2	-0.00753	0.00753	-52568.44	
33	0.	Le	LinStatic	3	0.01747	0.00753	-16122.45	
33	0.4	Le	LinStatic	0	0.	0.	-34530.38	
33	0.4	Le	LinStatic	1	-0.00753	-0.01747	-29294.82	
33	0.4	Le	LinStatic	2	-0.00753	0.00753	-49257.13	
33	0.4	Le	LinStatic	3	0.01747	0.00753	-20323.06	
34	0.	DEAD	LinStatic	0	0.	0.	-78050.27	
34	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-65321.86	
34	0.	DEAD	LinStatic	2	-0.00753	0.00753	-115295.68	
34	0.	DEAD	LinStatic	3	0.01747	0.00753	-41605.68	
34	0.4	DEAD	LinStatic	0	0.	0.	-78050.27	
34	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-65678.91	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-111374.68	
34	0.4	DEAD	LinStatic	3	0.01747	0.00753	-46425.31	
34	0.	Lr	LinStatic	0	0.	0.	-77169.11	
34	0.	Lr	LinStatic	1	-0.00753	-0.01747	-64328.34	
34	0.	Lr	LinStatic	2	-0.00753	0.00753	-115134.03	
34	0.	Lr	LinStatic	3	0.01747	0.00753	-39886.97	
34	0.4	Lr	LinStatic	0	0.	0.	-77169.11	
34	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-64674.99	
34	0.4	Lr	LinStatic	2	-0.00753	0.00753	-111287.95	
34	0.4	Lr	LinStatic	3	0.01747	0.00753	-44618.08	
34	0.	Le	LinStatic	0	0.	0.	-34575.77	
34	0.	Le	LinStatic	1	-0.00753	-0.01747	-28822.44	
34	0.	Le	LinStatic	2	-0.00753	0.00753	-51586.03	
34	0.	Le	LinStatic	3	0.01747	0.00753	-17871.44	
34	0.4	Le	LinStatic	0	0.	0.	-34575.77	
34	0.4	Le	LinStatic	1	-0.00753	-0.01747	-28977.75	
34	0.4	Le	LinStatic	2	-0.00753	0.00753	-49862.78	
34	0.4	Le	LinStatic	3	0.01747	0.00753	-19991.22	
35	0.	DEAD	LinStatic	0	0.	0.	-97457.15	
35	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-84362.55	
35	0.	DEAD	LinStatic	2	-0.00753	0.00753	-134292.74	
35	0.	DEAD	LinStatic	3	0.01747	0.00753	-61919.84	
35	0.4	DEAD	LinStatic	0	0.	0.	-97457.15	
35	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-84889.25	
35	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-130178.92	
35	0.4	DEAD	LinStatic	3	0.01747	0.00753	-66824.38	
35	0.	Lr	LinStatic	0	0.	0.	-96364.83	
35	0.	Lr	LinStatic	1	-0.00753	-0.01747	-83156.1	
35	0.	Lr	LinStatic	2	-0.00753	0.00753	-133952.88	
35	0.	Lr	LinStatic	3	0.01747	0.00753	-59948.23	
35	0.4	Lr	LinStatic	0	0.	0.	-96364.83	
35	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-83683.35	
35	0.4	Lr	LinStatic	2	-0.00753	0.00753	-129855.6	
35	0.4	Lr	LinStatic	3	0.01747	0.00753	-64830.38	
35	0.	Le	LinStatic	0	0.	0.	-43176.45	
35	0.	Le	LinStatic	1	-0.00753	-0.01747	-37258.25	
35	0.	Le	LinStatic	2	-0.00753	0.00753	-60017.85	
35	0.	Le	LinStatic	3	0.01747	0.00753	-26859.92	
35	0.4	Le	LinStatic	0	0.	0.	-43176.45	
35	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37494.49	
35	0.4	Le	LinStatic	2	-0.00753	0.00753	-58182.05	
35	0.4	Le	LinStatic	3	0.01747	0.00753	-29047.38	
36	0.	DEAD	LinStatic	0	0.	0.	-97496.75	
36	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-84489.49	
36	0.	DEAD	LinStatic	2	-0.00753	0.00753	-132164.33	
36	0.	DEAD	LinStatic	3	0.01747	0.00753	-64734.38	
36	0.4	DEAD	LinStatic	0	0.	0.	-97496.75	
36	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-84502.18	
36	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-131888.56	
36	0.4	DEAD	LinStatic	3	0.01747	0.00753	-65085.77	
36	0.	Lr	LinStatic	0	0.	0.	-96404.01	
36	0.	Lr	LinStatic	1	-0.00753	-0.01747	-83288.32	
36	0.	Lr	LinStatic	2	-0.00753	0.00753	-131818.16	
36	0.	Lr	LinStatic	3	0.01747	0.00753	-62764.42	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
36	0.4	Lr	LinStatic	0	0.	0.	-96404.01	
36	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-83295.9	
36	0.4	Lr	LinStatic	2	-0.00753	0.00753	-131578.1	
36	0.4	Lr	LinStatic	3	0.01747	0.00753	-63073.77	
36	0.	Le	LinStatic	0	0.	0.	-43194.	
36	0.	Le	LinStatic	1	-0.00753	-0.01747	-37317.49	
36	0.	Le	LinStatic	2	-0.00753	0.00753	-59061.38	
36	0.	Le	LinStatic	3	0.01747	0.00753	-28121.72	
36	0.4	Le	LinStatic	0	0.	0.	-43194.	
36	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37320.89	
36	0.4	Le	LinStatic	2	-0.00753	0.00753	-58953.83	
36	0.4	Le	LinStatic	3	0.01747	0.00753	-28260.32	
37	0.	DEAD	LinStatic	0	0.	0.	-99006.26	
37	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-85817.76	
37	0.	DEAD	LinStatic	2	-0.00753	0.00753	-133736.05	
37	0.	DEAD	LinStatic	3	0.01747	0.00753	-66343.	
37	0.4	DEAD	LinStatic	0	0.	0.	-99006.26	
37	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-86012.46	
37	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-133308.76	
37	0.4	DEAD	LinStatic	3	0.01747	0.00753	-66712.44	
37	0.	Lr	LinStatic	0	0.	0.	-97883.29	
37	0.	Lr	LinStatic	1	-0.00753	-0.01747	-84584.02	
37	0.	Lr	LinStatic	2	-0.00753	0.00753	-133386.44	
37	0.	Lr	LinStatic	3	0.01747	0.00753	-64309.77	
37	0.4	Lr	LinStatic	0	0.	0.	-97883.29	
37	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-84778.9	
37	0.4	Lr	LinStatic	2	-0.00753	0.00753	-132942.6	
37	0.4	Lr	LinStatic	3	0.01747	0.00753	-64700.87	
37	0.	Le	LinStatic	0	0.	0.	-43856.8	
37	0.	Le	LinStatic	1	-0.00753	-0.01747	-37898.03	
37	0.	Le	LinStatic	2	-0.00753	0.00753	-59764.05	
37	0.	Le	LinStatic	3	0.01747	0.00753	-28814.12	
37	0.4	Le	LinStatic	0	0.	0.	-43856.8	
37	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37985.35	
37	0.4	Le	LinStatic	2	-0.00753	0.00753	-59565.19	
37	0.4	Le	LinStatic	3	0.01747	0.00753	-28989.35	
38	0.	DEAD	LinStatic	0	0.	0.	-98981.39	
38	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-86289.38	
38	0.	DEAD	LinStatic	2	-0.00753	0.00753	-131921.22	
38	0.	DEAD	LinStatic	3	0.01747	0.00753	-68184.84	
38	0.4	DEAD	LinStatic	0	0.	0.	-98981.39	
38	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-85927.23	
38	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-135346.28	
38	0.4	DEAD	LinStatic	3	0.01747	0.00753	-64025.09	
38	0.	Lr	LinStatic	0	0.	0.	-97858.55	
38	0.	Lr	LinStatic	1	-0.00753	-0.01747	-85053.62	
38	0.	Lr	LinStatic	2	-0.00753	0.00753	-131565.06	
38	0.	Lr	LinStatic	3	0.01747	0.00753	-66162.72	
38	0.4	Lr	LinStatic	0	0.	0.	-97858.55	
38	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-84688.5	
38	0.4	Lr	LinStatic	2	-0.00753	0.00753	-134986.25	
38	0.4	Lr	LinStatic	3	0.01747	0.00753	-62011.04	
38	0.	Le	LinStatic	0	0.	0.	-43845.72	
38	0.	Le	LinStatic	1	-0.00753	-0.01747	-38108.44	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
38	0.	Le	LinStatic	2	-0.00753	0.00753	-58947.98	
38	0.	Le	LinStatic	3	0.01747	0.00753	-29644.34	
38	0.4	Le	LinStatic	0	0.	0.	-43845.72	
38	0.4	Le	LinStatic	1	-0.00753	-0.01747	-37944.85	
38	0.4	Le	LinStatic	2	-0.00753	0.00753	-60480.85	
38	0.4	Le	LinStatic	3	0.01747	0.00753	-27784.17	
39	0.	DEAD	LinStatic	0	0.	0.	-82554.93	
39	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-69791.71	
39	0.	DEAD	LinStatic	2	-0.00753	0.00753	-116122.77	
39	0.	DEAD	LinStatic	3	0.01747	0.00753	-51000.45	
39	0.4	DEAD	LinStatic	0	0.	0.	-82554.93	
39	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-69949.45	
39	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-119204.41	
39	0.4	DEAD	LinStatic	3	0.01747	0.00753	-46774.2	
39	0.	Lr	LinStatic	0	0.	0.	-81607.87	
39	0.	Lr	LinStatic	1	-0.00753	-0.01747	-68727.98	
39	0.	Lr	LinStatic	2	-0.00753	0.00753	-115962.96	
39	0.	Lr	LinStatic	3	0.01747	0.00753	-49130.69	
39	0.4	Lr	LinStatic	0	0.	0.	-81607.87	
39	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-68888.28	
39	0.4	Lr	LinStatic	2	-0.00753	0.00753	-118987.87	
39	0.4	Lr	LinStatic	3	0.01747	0.00753	-44976.78	
39	0.	Le	LinStatic	0	0.	0.	-36564.56	
39	0.	Le	LinStatic	1	-0.00753	-0.01747	-30793.7	
39	0.	Le	LinStatic	2	-0.00753	0.00753	-51957.43	
39	0.	Le	LinStatic	3	0.01747	0.00753	-22013.1	
39	0.4	Le	LinStatic	0	0.	0.	-36564.56	
39	0.4	Le	LinStatic	1	-0.00753	-0.01747	-30865.53	
39	0.4	Le	LinStatic	2	-0.00753	0.00753	-53312.75	
39	0.4	Le	LinStatic	3	0.01747	0.00753	-20151.93	
40	0.	DEAD	LinStatic	0	0.	0.	-82466.27	
40	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-70898.53	
40	0.	DEAD	LinStatic	2	-0.00753	0.00753	-114488.47	
40	0.	DEAD	LinStatic	3	0.01747	0.00753	-51756.95	
40	0.4	DEAD	LinStatic	0	0.	0.	-82466.27	
40	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-70243.1	
40	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-121552.11	
40	0.4	DEAD	LinStatic	3	0.01747	0.00753	-43086.66	
40	0.	Lr	LinStatic	0	0.	0.	-81520.09	
40	0.	Lr	LinStatic	1	-0.00753	-0.01747	-69827.37	
40	0.	Lr	LinStatic	2	-0.00753	0.00753	-114320.23	
40	0.	Lr	LinStatic	3	0.01747	0.00753	-49908.67	
40	0.4	Lr	LinStatic	0	0.	0.	-81520.09	
40	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-69176.65	
40	0.4	Lr	LinStatic	2	-0.00753	0.00753	-121335.76	
40	0.4	Lr	LinStatic	3	0.01747	0.00753	-41297.18	
40	0.	Le	LinStatic	0	0.	0.	-36525.24	
40	0.	Le	LinStatic	1	-0.00753	-0.01747	-31286.29	
40	0.	Le	LinStatic	2	-0.00753	0.00753	-51221.4	
40	0.	Le	LinStatic	3	0.01747	0.00753	-22361.68	
40	0.4	Le	LinStatic	0	0.	0.	-36525.24	
40	0.4	Le	LinStatic	1	-0.00753	-0.01747	-30994.73	
40	0.4	Le	LinStatic	2	-0.00753	0.00753	-54364.72	
40	0.4	Le	LinStatic	3	0.01747	0.00753	-18503.28	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
41	0.	DEAD	LinStatic	0	0.	0.	-48106.62	
41	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-36667.81	
41	0.	DEAD	LinStatic	2	-0.00753	0.00753	-81216.38	
41	0.	DEAD	LinStatic	3	0.01747	0.00753	-15832.49	
41	0.4	DEAD	LinStatic	0	0.	0.	-48106.62	
41	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-36858.82	
41	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-87947.42	
41	0.4	DEAD	LinStatic	3	0.01747	0.00753	-6754.88	
41	0.	Lr	LinStatic	0	0.	0.	-47542.04	
41	0.	Lr	LinStatic	1	-0.00753	-0.01747	-35977.06	
41	0.	Lr	LinStatic	2	-0.00753	0.00753	-81441.87	
41	0.	Lr	LinStatic	3	0.01747	0.00753	-14351.03	
41	0.4	Lr	LinStatic	0	0.	0.	-47542.04	
41	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-36181.84	
41	0.4	Lr	LinStatic	2	-0.00753	0.00753	-88072.37	
41	0.4	Lr	LinStatic	3	0.01747	0.00753	-5392.38	
41	0.	Le	LinStatic	0	0.	0.	-21301.3	
41	0.	Le	LinStatic	1	-0.00753	-0.01747	-16119.59	
41	0.	Le	LinStatic	2	-0.00753	0.00753	-36490.19	
41	0.	Le	LinStatic	3	0.01747	0.00753	-6430.01	
41	0.4	Le	LinStatic	0	0.	0.	-21301.3	
41	0.4	Le	LinStatic	1	-0.00753	-0.01747	-16211.34	
41	0.4	Le	LinStatic	2	-0.00753	0.00753	-39461.	
41	0.4	Le	LinStatic	3	0.01747	0.00753	-2416.06	
42	0.	DEAD	LinStatic	0	0.	0.	-47958.22	
42	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-38438.42	
42	0.	DEAD	LinStatic	2	-0.00753	0.00753	-80145.06	
42	0.	DEAD	LinStatic	3	0.01747	0.00753	-14983.58	
42	0.4	DEAD	LinStatic	0	0.	0.	-47958.22	
42	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	-37886.89	
42	0.4	DEAD	LinStatic	2	-0.00753	0.00753	-89436.9	
42	0.4	DEAD	LinStatic	3	0.01747	0.00753	-3267.63	
42	0.	Lr	LinStatic	0	0.	0.	-47395.19	
42	0.	Lr	LinStatic	1	-0.00753	-0.01747	-37743.68	
42	0.	Lr	LinStatic	2	-0.00753	0.00753	-80356.52	
42	0.	Lr	LinStatic	3	0.01747	0.00753	-13529.73	
42	0.4	Lr	LinStatic	0	0.	0.	-47395.19	
42	0.4	Lr	LinStatic	1	-0.00753	-0.01747	-37200.53	
42	0.4	Lr	LinStatic	2	-0.00753	0.00753	-89558.82	
42	0.4	Lr	LinStatic	3	0.01747	0.00753	-1923.6	
42	0.	Le	LinStatic	0	0.	0.	-21235.51	
42	0.	Le	LinStatic	1	-0.00753	-0.01747	-16911.13	
42	0.	Le	LinStatic	2	-0.00753	0.00753	-36003.9	
42	0.	Le	LinStatic	3	0.01747	0.00753	-6062.02	
42	0.4	Le	LinStatic	0	0.	0.	-21235.51	
42	0.4	Le	LinStatic	1	-0.00753	-0.01747	-16667.77	
42	0.4	Le	LinStatic	2	-0.00753	0.00753	-40127.01	
42	0.4	Le	LinStatic	3	0.01747	0.00753	-861.87	
43	0.	DEAD	LinStatic	0	0.	0.	-287.82	
43	0.	DEAD	LinStatic	1	-0.00753	-0.01747	7171.27	
43	0.	DEAD	LinStatic	2	-0.00753	0.00753	-29714.87	
43	0.	DEAD	LinStatic	3	0.01747	0.00753	31103.95	
43	0.33673	DEAD	LinStatic	0	0.	0.	-287.82	
43	0.33673	DEAD	LinStatic	1	-0.00753	-0.01747	4187.5	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
43	0.33673	DEAD	LinStatic	2	-0.00753	0.00753	-19806.58	
43	0.33673	DEAD	LinStatic	3	0.01747	0.00753	21006.38	
43	0.	Lr	LinStatic	0	0.	0.	-286.5	
43	0.	Lr	LinStatic	1	-0.00753	-0.01747	7283.09	
43	0.	Lr	LinStatic	2	-0.00753	0.00753	-30432.9	
43	0.	Lr	LinStatic	3	0.01747	0.00753	31944.47	
43	0.33673	Lr	LinStatic	0	0.	0.	-286.5	
43	0.33673	Lr	LinStatic	1	-0.00753	-0.01747	4215.36	
43	0.33673	Lr	LinStatic	2	-0.00753	0.00753	-19912.68	
43	0.33673	Lr	LinStatic	3	0.01747	0.00753	21122.95	
43	0.	Le	LinStatic	0	0.	0.	-128.37	
43	0.	Le	LinStatic	1	-0.00753	-0.01747	3263.2	
43	0.	Le	LinStatic	2	-0.00753	0.00753	-13635.52	
43	0.	Le	LinStatic	3	0.01747	0.00753	14312.78	
43	0.33673	Le	LinStatic	0	0.	0.	-128.37	
43	0.33673	Le	LinStatic	1	-0.00753	-0.01747	1888.7	
43	0.33673	Le	LinStatic	2	-0.00753	0.00753	-8921.91	
43	0.33673	Le	LinStatic	3	0.01747	0.00753	9464.18	
44	0.	DEAD	LinStatic	0	0.	0.	14830.94	
44	0.	DEAD	LinStatic	1	-0.00753	-0.01747	18024.27	
44	0.	DEAD	LinStatic	2	-0.00753	0.00753	4498.04	
44	0.	DEAD	LinStatic	3	0.01747	0.00753	25279.54	
44	0.20327	DEAD	LinStatic	0	0.	0.	14830.94	
44	0.20327	DEAD	LinStatic	1	-0.00753	-0.01747	11840.32	
44	0.20327	DEAD	LinStatic	2	-0.00753	0.00753	24567.01	
44	0.20327	DEAD	LinStatic	3	0.01747	0.00753	4967.57	
44	0.	Lr	LinStatic	0	0.	0.	14657.02	
44	0.	Lr	LinStatic	1	-0.00753	-0.01747	17900.87	
44	0.	Lr	LinStatic	2	-0.00753	0.00753	4288.64	
44	0.	Lr	LinStatic	3	0.01747	0.00753	25101.95	
44	0.20327	Lr	LinStatic	0	0.	0.	14657.02	
44	0.20327	Lr	LinStatic	1	-0.00753	-0.01747	11577.95	
44	0.20327	Lr	LinStatic	2	-0.00753	0.00753	24577.05	
44	0.20327	Lr	LinStatic	3	0.01747	0.00753	4639.24	
44	0.	Le	LinStatic	0	0.	0.	6567.11	
44	0.	Le	LinStatic	1	-0.00753	-0.01747	8020.52	
44	0.	Le	LinStatic	2	-0.00753	0.00753	1921.54	
44	0.	Le	LinStatic	3	0.01747	0.00753	11246.98	
44	0.20327	Le	LinStatic	0	0.	0.	6567.11	
44	0.20327	Le	LinStatic	1	-0.00753	-0.01747	5187.52	
44	0.20327	Le	LinStatic	2	-0.00753	0.00753	11011.8	
44	0.20327	Le	LinStatic	3	0.01747	0.00753	2078.62	
45	0.	DEAD	LinStatic	0	0.	0.	15180.25	
45	0.	DEAD	LinStatic	1	-0.00753	-0.01747	17912.52	
45	0.	DEAD	LinStatic	2	-0.00753	0.00753	9649.49	
45	0.	DEAD	LinStatic	3	0.01747	0.00753	19749.92	
45	0.4	DEAD	LinStatic	0	0.	0.	15180.25	
45	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	15344.64	
45	0.4	DEAD	LinStatic	2	-0.00753	0.00753	22517.17	
45	0.4	DEAD	LinStatic	3	0.01747	0.00753	5329.32	
45	0.	Lr	LinStatic	0	0.	0.	15003.12	
45	0.	Lr	LinStatic	1	-0.00753	-0.01747	17659.5	
45	0.	Lr	LinStatic	2	-0.00753	0.00753	9772.18	
45	0.	Lr	LinStatic	3	0.01747	0.00753	19252.86	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
45	0.4	Lr	LinStatic	0	0.	0.	15003.12	
45	0.4	Lr	LinStatic	1	-0.00753	-0.01747	15044.72	
45	0.4	Lr	LinStatic	2	-0.00753	0.00753	22640.65	
45	0.4	Lr	LinStatic	3	0.01747	0.00753	4878.13	
45	0.	Le	LinStatic	0	0.	0.	6722.18	
45	0.	Le	LinStatic	1	-0.00753	-0.01747	7912.37	
45	0.	Le	LinStatic	2	-0.00753	0.00753	4378.45	
45	0.	Le	LinStatic	3	0.01747	0.00753	8626.28	
45	0.4	Le	LinStatic	0	0.	0.	6722.18	
45	0.4	Le	LinStatic	1	-0.00753	-0.01747	6740.82	
45	0.4	Le	LinStatic	2	-0.00753	0.00753	10144.19	
45	0.4	Le	LinStatic	3	0.01747	0.00753	2185.66	
46	0.	DEAD	LinStatic	0	0.	0.	61598.53	
46	0.	DEAD	LinStatic	1	-0.00753	-0.01747	65374.91	
46	0.	DEAD	LinStatic	2	-0.00753	0.00753	58590.33	
46	0.	DEAD	LinStatic	3	0.01747	0.00753	61793.72	
46	0.4	DEAD	LinStatic	0	0.	0.	61598.53	
46	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	62355.17	
46	0.4	DEAD	LinStatic	2	-0.00753	0.00753	68998.86	
46	0.4	DEAD	LinStatic	3	0.01747	0.00753	51071.68	
46	0.	Lr	LinStatic	0	0.	0.	60901.	
46	0.	Lr	LinStatic	1	-0.00753	-0.01747	64596.44	
46	0.	Lr	LinStatic	2	-0.00753	0.00753	58231.7	
46	0.	Lr	LinStatic	3	0.01747	0.00753	60729.68	
46	0.4	Lr	LinStatic	0	0.	0.	60901.	
46	0.4	Lr	LinStatic	1	-0.00753	-0.01747	61541.24	
46	0.4	Lr	LinStatic	2	-0.00753	0.00753	68558.82	
46	0.4	Lr	LinStatic	3	0.01747	0.00753	50150.58	
46	0.	Le	LinStatic	0	0.	0.	27286.81	
46	0.	Le	LinStatic	1	-0.00753	-0.01747	28942.56	
46	0.	Le	LinStatic	2	-0.00753	0.00753	26090.83	
46	0.	Le	LinStatic	3	0.01747	0.00753	27210.05	
46	0.4	Le	LinStatic	0	0.	0.	27286.81	
46	0.4	Le	LinStatic	1	-0.00753	-0.01747	27573.67	
46	0.4	Le	LinStatic	2	-0.00753	0.00753	30717.91	
46	0.4	Le	LinStatic	3	0.01747	0.00753	22470.06	
47	0.	DEAD	LinStatic	0	0.	0.	61778.11	
47	0.	DEAD	LinStatic	1	-0.00753	-0.01747	65933.3	
47	0.	DEAD	LinStatic	2	-0.00753	0.00753	60742.78	
47	0.	DEAD	LinStatic	3	0.01747	0.00753	58989.8	
47	0.4	DEAD	LinStatic	0	0.	0.	61778.11	
47	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	64194.84	
47	0.4	DEAD	LinStatic	2	-0.00753	0.00753	68626.	
47	0.4	DEAD	LinStatic	3	0.01747	0.00753	50320.5	
47	0.	Lr	LinStatic	0	0.	0.	61078.41	
47	0.	Lr	LinStatic	1	-0.00753	-0.01747	65153.61	
47	0.	Lr	LinStatic	2	-0.00753	0.00753	60337.68	
47	0.	Lr	LinStatic	3	0.01747	0.00753	57981.18	
47	0.4	Lr	LinStatic	0	0.	0.	61078.41	
47	0.4	Lr	LinStatic	1	-0.00753	-0.01747	63359.24	
47	0.4	Lr	LinStatic	2	-0.00753	0.00753	68205.89	
47	0.4	Lr	LinStatic	3	0.01747	0.00753	49387.6	
47	0.	Le	LinStatic	0	0.	0.	27366.3	
47	0.	Le	LinStatic	1	-0.00753	-0.01747	29192.2	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
47	0.	Le	LinStatic	2	-0.00753	0.00753	27034.41	
47	0.	Le	LinStatic	3	0.01747	0.00753	25978.58	
47	0.4	Le	LinStatic	0	0.	0.	27366.3	
47	0.4	Le	LinStatic	1	-0.00753	-0.01747	28388.23	
47	0.4	Le	LinStatic	2	-0.00753	0.00753	30559.78	
47	0.4	Le	LinStatic	3	0.01747	0.00753	22128.21	
48	0.	DEAD	LinStatic	0	0.	0.	90198.51	
48	0.	DEAD	LinStatic	1	-0.00753	-0.01747	94855.07	
48	0.	DEAD	LinStatic	2	-0.00753	0.00753	90770.36	
48	0.	DEAD	LinStatic	3	0.01747	0.00753	84786.98	
48	0.4	DEAD	LinStatic	0	0.	0.	90198.51	
48	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	93009.46	
48	0.4	DEAD	LinStatic	2	-0.00753	0.00753	96933.42	
48	0.4	DEAD	LinStatic	3	0.01747	0.00753	78495.86	
48	0.	Lr	LinStatic	0	0.	0.	89184.31	
48	0.	Lr	LinStatic	1	-0.00753	-0.01747	93753.58	
48	0.	Lr	LinStatic	2	-0.00753	0.00753	90048.46	
48	0.	Lr	LinStatic	3	0.01747	0.00753	83474.14	
48	0.4	Lr	LinStatic	0	0.	0.	89184.31	
48	0.4	Lr	LinStatic	1	-0.00753	-0.01747	91848.53	
48	0.4	Lr	LinStatic	2	-0.00753	0.00753	96190.47	
48	0.4	Lr	LinStatic	3	0.01747	0.00753	77270.25	
48	0.	Le	LinStatic	0	0.	0.	39959.2	
48	0.	Le	LinStatic	1	-0.00753	-0.01747	42006.47	
48	0.	Le	LinStatic	2	-0.00753	0.00753	40346.39	
48	0.	Le	LinStatic	3	0.01747	0.00753	37400.75	
48	0.4	Le	LinStatic	0	0.	0.	39959.2	
48	0.4	Le	LinStatic	1	-0.00753	-0.01747	41152.91	
48	0.4	Le	LinStatic	2	-0.00753	0.00753	43098.33	
48	0.4	Le	LinStatic	3	0.01747	0.00753	34621.09	
49	0.	DEAD	LinStatic	0	0.	0.	90295.54	
49	0.	DEAD	LinStatic	1	-0.00753	-0.01747	94987.21	
49	0.	DEAD	LinStatic	2	-0.00753	0.00753	92514.16	
49	0.	DEAD	LinStatic	3	0.01747	0.00753	82674.77	
49	0.4	DEAD	LinStatic	0	0.	0.	90295.54	
49	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	94706.59	
49	0.4	DEAD	LinStatic	2	-0.00753	0.00753	95777.08	
49	0.4	DEAD	LinStatic	3	0.01747	0.00753	78647.54	
49	0.	Lr	LinStatic	0	0.	0.	89280.13	
49	0.	Lr	LinStatic	1	-0.00753	-0.01747	93875.72	
49	0.	Lr	LinStatic	2	-0.00753	0.00753	91765.07	
49	0.	Lr	LinStatic	3	0.01747	0.00753	81403.81	
49	0.4	Lr	LinStatic	0	0.	0.	89280.13	
49	0.4	Lr	LinStatic	1	-0.00753	-0.01747	93565.31	
49	0.4	Lr	LinStatic	2	-0.00753	0.00753	95035.21	
49	0.4	Lr	LinStatic	3	0.01747	0.00753	77396.83	
49	0.	Le	LinStatic	0	0.	0.	40002.13	
49	0.	Le	LinStatic	1	-0.00753	-0.01747	42061.2	
49	0.	Le	LinStatic	2	-0.00753	0.00753	41115.52	
49	0.	Le	LinStatic	3	0.01747	0.00753	36473.13	
49	0.4	Le	LinStatic	0	0.	0.	40002.13	
49	0.4	Le	LinStatic	1	-0.00753	-0.01747	41922.12	
49	0.4	Le	LinStatic	2	-0.00753	0.00753	42580.71	
49	0.4	Le	LinStatic	3	0.01747	0.00753	34677.8	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
50	0.	DEAD	LinStatic	0	0.	0.	100754.31	
50	0.	DEAD	LinStatic	1	-0.00753	-0.01747	105350.79	
50	0.	DEAD	LinStatic	2	-0.00753	0.00753	104342.31	
50	0.	DEAD	LinStatic	3	0.01747	0.00753	91420.81	
50	0.4	DEAD	LinStatic	0	0.	0.	100754.31	
50	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	104662.31	
50	0.4	DEAD	LinStatic	2	-0.00753	0.00753	105964.21	
50	0.4	DEAD	LinStatic	3	0.01747	0.00753	89967.99	
50	0.	Lr	LinStatic	0	0.	0.	99618.27	
50	0.	Lr	LinStatic	1	-0.00753	-0.01747	104091.86	
50	0.	Lr	LinStatic	2	-0.00753	0.00753	103492.9	
50	0.	Lr	LinStatic	3	0.01747	0.00753	90029.24	
50	0.4	Lr	LinStatic	0	0.	0.	99618.27	
50	0.4	Lr	LinStatic	1	-0.00753	-0.01747	103385.56	
50	0.4	Lr	LinStatic	2	-0.00753	0.00753	105101.8	
50	0.4	Lr	LinStatic	3	0.01747	0.00753	88611.4	
50	0.	Le	LinStatic	0	0.	0.	44634.16	
50	0.	Le	LinStatic	1	-0.00753	-0.01747	46638.56	
50	0.	Le	LinStatic	2	-0.00753	0.00753	46370.2	
50	0.	Le	LinStatic	3	0.01747	0.00753	40337.78	
50	0.4	Le	LinStatic	0	0.	0.	44634.16	
50	0.4	Le	LinStatic	1	-0.00753	-0.01747	46322.1	
50	0.4	Le	LinStatic	2	-0.00753	0.00753	47091.07	
50	0.4	Le	LinStatic	3	0.01747	0.00753	39702.51	
51	0.	DEAD	LinStatic	0	0.	0.	100766.1	
51	0.	DEAD	LinStatic	1	-0.00753	-0.01747	105046.23	
51	0.	DEAD	LinStatic	2	-0.00753	0.00753	105432.92	
51	0.	DEAD	LinStatic	3	0.01747	0.00753	90324.61	
51	0.4	DEAD	LinStatic	0	0.	0.	100766.1	
51	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	105307.8	
51	0.4	DEAD	LinStatic	2	-0.00753	0.00753	104758.13	
51	0.4	DEAD	LinStatic	3	0.01747	0.00753	90953.93	
51	0.	Lr	LinStatic	0	0.	0.	99629.71	
51	0.	Lr	LinStatic	1	-0.00753	-0.01747	103835.69	
51	0.	Lr	LinStatic	2	-0.00753	0.00753	104524.59	
51	0.	Lr	LinStatic	3	0.01747	0.00753	88961.3	
51	0.4	Lr	LinStatic	0	0.	0.	99629.71	
51	0.4	Lr	LinStatic	1	-0.00753	-0.01747	104007.85	
51	0.4	Lr	LinStatic	2	-0.00753	0.00753	103933.84	
51	0.4	Lr	LinStatic	3	0.01747	0.00753	89569.07	
51	0.	Le	LinStatic	0	0.	0.	44639.29	
51	0.	Le	LinStatic	1	-0.00753	-0.01747	46523.78	
51	0.	Le	LinStatic	2	-0.00753	0.00753	46832.44	
51	0.	Le	LinStatic	3	0.01747	0.00753	39859.28	
51	0.4	Le	LinStatic	0	0.	0.	44639.29	
51	0.4	Le	LinStatic	1	-0.00753	-0.01747	46600.92	
51	0.4	Le	LinStatic	2	-0.00753	0.00753	46567.76	
51	0.4	Le	LinStatic	3	0.01747	0.00753	40131.6	
52	0.	DEAD	LinStatic	0	0.	0.	93295.79	
52	0.	DEAD	LinStatic	1	-0.00753	-0.01747	97072.92	
52	0.	DEAD	LinStatic	2	-0.00753	0.00753	98923.26	
52	0.	DEAD	LinStatic	3	0.01747	0.00753	82089.04	
52	0.4	DEAD	LinStatic	0	0.	0.	93295.79	
52	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	98259.49	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
52	0.4	DEAD	LinStatic	2	-0.00753	0.00753	95867.28	
52	0.4	DEAD	LinStatic	3	0.01747	0.00753	84937.1	
52	0.	Lr	LinStatic	0	0.	0.	92232.36	
52	0.	Lr	LinStatic	1	-0.00753	-0.01747	95927.98	
52	0.	Lr	LinStatic	2	-0.00753	0.00753	98098.2	
52	0.	Lr	LinStatic	3	0.01747	0.00753	80792.4	
52	0.4	Lr	LinStatic	0	0.	0.	92232.36	
52	0.4	Lr	LinStatic	1	-0.00753	-0.01747	97031.72	
52	0.4	Lr	LinStatic	2	-0.00753	0.00753	95116.26	
52	0.4	Lr	LinStatic	3	0.01747	0.00753	83625.53	
52	0.	Le	LinStatic	0	0.	0.	41324.89	
52	0.	Le	LinStatic	1	-0.00753	-0.01747	42980.72	
52	0.	Le	LinStatic	2	-0.00753	0.00753	43953.09	
52	0.	Le	LinStatic	3	0.01747	0.00753	36199.19	
52	0.4	Le	LinStatic	0	0.	0.	41324.89	
52	0.4	Le	LinStatic	1	-0.00753	-0.01747	43475.25	
52	0.4	Le	LinStatic	2	-0.00753	0.00753	42617.03	
52	0.4	Le	LinStatic	3	0.01747	0.00753	37468.58	
53	0.	DEAD	LinStatic	0	0.	0.	93216.13	
53	0.	DEAD	LinStatic	1	-0.00753	-0.01747	96529.06	
53	0.	DEAD	LinStatic	2	-0.00753	0.00753	99572.83	
53	0.	DEAD	LinStatic	3	0.01747	0.00753	81510.81	
53	0.4	DEAD	LinStatic	0	0.	0.	93216.13	
53	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	97710.88	
53	0.4	DEAD	LinStatic	2	-0.00753	0.00753	94497.81	
53	0.4	DEAD	LinStatic	3	0.01747	0.00753	87029.25	
53	0.	Lr	LinStatic	0	0.	0.	92153.4	
53	0.	Lr	LinStatic	1	-0.00753	-0.01747	95395.23	
53	0.	Lr	LinStatic	2	-0.00753	0.00753	98722.65	
53	0.	Lr	LinStatic	3	0.01747	0.00753	80238.55	
53	0.4	Lr	LinStatic	0	0.	0.	92153.4	
53	0.4	Lr	LinStatic	1	-0.00753	-0.01747	96486.62	
53	0.4	Lr	LinStatic	2	-0.00753	0.00753	93775.92	
53	0.4	Lr	LinStatic	3	0.01747	0.00753	85678.05	
53	0.	Le	LinStatic	0	0.	0.	41289.51	
53	0.	Le	LinStatic	1	-0.00753	-0.01747	42742.02	
53	0.	Le	LinStatic	2	-0.00753	0.00753	44232.88	
53	0.	Le	LinStatic	3	0.01747	0.00753	35951.04	
53	0.4	Le	LinStatic	0	0.	0.	41289.51	
53	0.4	Le	LinStatic	1	-0.00753	-0.01747	43231.02	
53	0.4	Le	LinStatic	2	-0.00753	0.00753	42016.48	
53	0.4	Le	LinStatic	3	0.01747	0.00753	38388.22	
54	0.	DEAD	LinStatic	0	0.	0.	67785.09	
54	0.	DEAD	LinStatic	1	-0.00753	-0.01747	69961.19	
54	0.	DEAD	LinStatic	2	-0.00753	0.00753	74707.67	
54	0.	DEAD	LinStatic	3	0.01747	0.00753	56469.5	
54	0.4	DEAD	LinStatic	0	0.	0.	67785.09	
54	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	72655.28	
54	0.4	DEAD	LinStatic	2	-0.00753	0.00753	67114.04	
54	0.4	DEAD	LinStatic	3	0.01747	0.00753	63800.85	
54	0.	Lr	LinStatic	0	0.	0.	67001.4	
54	0.	Lr	LinStatic	1	-0.00753	-0.01747	69110.89	
54	0.	Lr	LinStatic	2	-0.00753	0.00753	74148.3	
54	0.	Lr	LinStatic	3	0.01747	0.00753	55456.27	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
54	0.4	Lr	LinStatic	0	0.	0.	67001.4	
54	0.4	Lr	LinStatic	1	-0.00753	-0.01747	71712.16	
54	0.4	Lr	LinStatic	2	-0.00753	0.00753	66677.84	
54	0.4	Lr	LinStatic	3	0.01747	0.00753	62717.81	
54	0.	Le	LinStatic	0	0.	0.	30020.11	
54	0.	Le	LinStatic	1	-0.00753	-0.01747	30965.27	
54	0.	Le	LinStatic	2	-0.00753	0.00753	33222.29	
54	0.	Le	LinStatic	3	0.01747	0.00753	24847.29	
54	0.4	Le	LinStatic	0	0.	0.	30020.11	
54	0.4	Le	LinStatic	1	-0.00753	-0.01747	32130.77	
54	0.4	Le	LinStatic	2	-0.00753	0.00753	29875.14	
54	0.4	Le	LinStatic	3	0.01747	0.00753	28100.84	
55	0.	DEAD	LinStatic	0	0.	0.	67619.65	
55	0.	DEAD	LinStatic	1	-0.00753	-0.01747	69186.4	
55	0.	DEAD	LinStatic	2	-0.00753	0.00753	74808.8	
55	0.	DEAD	LinStatic	3	0.01747	0.00753	56561.49	
55	0.4	DEAD	LinStatic	0	0.	0.	67619.65	
55	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	71481.34	
55	0.4	DEAD	LinStatic	2	-0.00753	0.00753	65251.32	
55	0.4	DEAD	LinStatic	3	0.01747	0.00753	66884.74	
55	0.	Lr	LinStatic	0	0.	0.	66837.54	
55	0.	Lr	LinStatic	1	-0.00753	-0.01747	68355.52	
55	0.	Lr	LinStatic	2	-0.00753	0.00753	74226.63	
55	0.	Lr	LinStatic	3	0.01747	0.00753	55564.17	
55	0.4	Lr	LinStatic	0	0.	0.	66837.54	
55	0.4	Lr	LinStatic	1	-0.00753	-0.01747	70529.2	
55	0.4	Lr	LinStatic	2	-0.00753	0.00753	64859.44	
55	0.4	Lr	LinStatic	3	0.01747	0.00753	65757.46	
55	0.	Le	LinStatic	0	0.	0.	29946.69	
55	0.	Le	LinStatic	1	-0.00753	-0.01747	30626.82	
55	0.	Le	LinStatic	2	-0.00753	0.00753	33257.39	
55	0.	Le	LinStatic	3	0.01747	0.00753	24895.64	
55	0.4	Le	LinStatic	0	0.	0.	29946.69	
55	0.4	Le	LinStatic	1	-0.00753	-0.01747	31600.75	
55	0.4	Le	LinStatic	2	-0.00753	0.00753	29060.4	
55	0.4	Le	LinStatic	3	0.01747	0.00753	29462.76	
56	0.	DEAD	LinStatic	0	0.	0.	24190.36	
56	0.	DEAD	LinStatic	1	-0.00753	-0.01747	23628.25	
56	0.	DEAD	LinStatic	2	-0.00753	0.00753	31902.55	
56	0.	DEAD	LinStatic	3	0.01747	0.00753	14570.53	
56	0.4	DEAD	LinStatic	0	0.	0.	24190.36	
56	0.4	DEAD	LinStatic	1	-0.00753	-0.01747	28323.87	
56	0.4	DEAD	LinStatic	2	-0.00753	0.00753	19304.37	
56	0.4	DEAD	LinStatic	3	0.01747	0.00753	26507.55	
56	0.	Lr	LinStatic	0	0.	0.	23905.47	
56	0.	Lr	LinStatic	1	-0.00753	-0.01747	23320.26	
56	0.	Lr	LinStatic	2	-0.00753	0.00753	31822.22	
56	0.	Lr	LinStatic	3	0.01747	0.00753	14038.66	
56	0.4	Lr	LinStatic	0	0.	0.	23905.47	
56	0.4	Lr	LinStatic	1	-0.00753	-0.01747	27889.75	
56	0.4	Lr	LinStatic	2	-0.00753	0.00753	19417.19	
56	0.4	Lr	LinStatic	3	0.01747	0.00753	25846.81	
56	0.	Le	LinStatic	0	0.	0.	10710.89	
56	0.	Le	LinStatic	1	-0.00753	-0.01747	10448.69	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
56	0.	Le	LinStatic	2	-0.00753	0.00753	14258.01	
56	0.	Le	LinStatic	3	0.01747	0.00753	6290.05	
56	0.4	Le	LinStatic	0	0.	0.	10710.89	
56	0.4	Le	LinStatic	1	-0.00753	-0.01747	12496.06	
56	0.4	Le	LinStatic	2	-0.00753	0.00753	8699.91	
56	0.4	Le	LinStatic	3	0.01747	0.00753	11580.72	
57	0.	DEAD	LinStatic	0	0.	0.	23907.45	
57	0.	DEAD	LinStatic	1	-0.00753	-0.01747	22464.87	
57	0.	DEAD	LinStatic	2	-0.00753	0.00753	32700.53	
57	0.	DEAD	LinStatic	3	0.01747	0.00753	13741.04	
57	0.33673	DEAD	LinStatic	0	0.	0.	23907.45	
57	0.33673	DEAD	LinStatic	1	-0.00753	-0.01747	25596.06	
57	0.33673	DEAD	LinStatic	2	-0.00753	0.00753	14198.18	
57	0.33673	DEAD	LinStatic	3	0.01747	0.00753	35037.45	
57	0.	Lr	LinStatic	0	0.	0.	23624.22	
57	0.	Lr	LinStatic	1	-0.00753	-0.01747	22126.26	
57	0.	Lr	LinStatic	2	-0.00753	0.00753	32666.68	
57	0.	Lr	LinStatic	3	0.01747	0.00753	13183.94	
57	0.33673	Lr	LinStatic	0	0.	0.	23624.22	
57	0.33673	Lr	LinStatic	1	-0.00753	-0.01747	25168.65	
57	0.33673	Lr	LinStatic	2	-0.00753	0.00753	14021.61	
57	0.33673	Lr	LinStatic	3	0.01747	0.00753	34757.56	
57	0.	Le	LinStatic	0	0.	0.	10584.88	
57	0.	Le	LinStatic	1	-0.00753	-0.01747	9913.71	
57	0.	Le	LinStatic	2	-0.00753	0.00753	14636.37	
57	0.	Le	LinStatic	3	0.01747	0.00753	5907.09	
57	0.33673	Le	LinStatic	0	0.	0.	10584.88	
57	0.33673	Le	LinStatic	1	-0.00753	-0.01747	11276.86	
57	0.33673	Le	LinStatic	2	-0.00753	0.00753	6282.41	
57	0.33673	Le	LinStatic	3	0.01747	0.00753	15573.19	
306	0.	DEAD	LinStatic	0	0.	0.	-123.73	
306	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1638.83	
306	0.	DEAD	LinStatic	2	-0.00753	0.00753	-11758.21	
306	0.	DEAD	LinStatic	3	0.01747	0.00753	13474.07	
306	0.17	DEAD	LinStatic	0	0.	0.	-110.64	
306	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	342.84	
306	0.17	DEAD	LinStatic	2	-0.00753	0.00753	1337.71	
306	0.17	DEAD	LinStatic	3	0.01747	0.00753	-2476.29	
306	0.34	DEAD	LinStatic	0	0.	0.	-97.55	
306	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-953.15	
306	0.34	DEAD	LinStatic	2	-0.00753	0.00753	14433.63	
306	0.34	DEAD	LinStatic	3	0.01747	0.00753	-18426.65	
306	0.	Lr	LinStatic	0	0.	0.	-160.15	
306	0.	Lr	LinStatic	1	-0.00753	-0.01747	1582.83	
306	0.	Lr	LinStatic	2	-0.00753	0.00753	-11650.7	
306	0.	Lr	LinStatic	3	0.01747	0.00753	13267.17	
306	0.17	Lr	LinStatic	0	0.	0.	-160.15	
306	0.17	Lr	LinStatic	1	-0.00753	-0.01747	286.17	
306	0.17	Lr	LinStatic	2	-0.00753	0.00753	1322.57	
306	0.17	Lr	LinStatic	3	0.01747	0.00753	-2564.03	
306	0.34	Lr	LinStatic	0	0.	0.	-160.15	
306	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-1010.5	
306	0.34	Lr	LinStatic	2	-0.00753	0.00753	14295.84	
306	0.34	Lr	LinStatic	3	0.01747	0.00753	-18395.23	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
306	0.	Le	LinStatic	0	0.	0.	-71.76	
306	0.	Le	LinStatic	1	-0.00753	-0.01747	709.19	
306	0.	Le	LinStatic	2	-0.00753	0.00753	-5220.12	
306	0.	Le	LinStatic	3	0.01747	0.00753	5944.38	
306	0.17	Le	LinStatic	0	0.	0.	-71.76	
306	0.17	Le	LinStatic	1	-0.00753	-0.01747	128.22	
306	0.17	Le	LinStatic	2	-0.00753	0.00753	592.58	
306	0.17	Le	LinStatic	3	0.01747	0.00753	-1148.82	
306	0.34	Le	LinStatic	0	0.	0.	-71.76	
306	0.34	Le	LinStatic	1	-0.00753	-0.01747	-452.76	
306	0.34	Le	LinStatic	2	-0.00753	0.00753	6405.28	
306	0.34	Le	LinStatic	3	0.01747	0.00753	-8242.02	
307	0.	DEAD	LinStatic	0	0.	0.	-3756.67	
307	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-2697.87	
307	0.	DEAD	LinStatic	2	-0.00753	0.00753	-11239.48	
307	0.	DEAD	LinStatic	3	0.01747	0.00753	5063.65	
307	0.17	DEAD	LinStatic	0	0.	0.	-3743.58	
307	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-4057.09	
307	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3746.89	
307	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3425.71	
307	0.34	DEAD	LinStatic	0	0.	0.	-3730.5	
307	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-5416.31	
307	0.34	DEAD	LinStatic	2	-0.00753	0.00753	3745.69	
307	0.34	DEAD	LinStatic	3	0.01747	0.00753	-11915.07	
307	0.	Lr	LinStatic	0	0.	0.	-3798.7	
307	0.	Lr	LinStatic	1	-0.00753	-0.01747	-2755.79	
307	0.	Lr	LinStatic	2	-0.00753	0.00753	-11182.97	
307	0.	Lr	LinStatic	3	0.01747	0.00753	4907.41	
307	0.17	Lr	LinStatic	0	0.	0.	-3798.7	
307	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-4108.61	
307	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3805.85	
307	0.17	Lr	LinStatic	3	0.01747	0.00753	-3479.35	
307	0.34	Lr	LinStatic	0	0.	0.	-3798.7	
307	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-5461.43	
307	0.34	Lr	LinStatic	2	-0.00753	0.00753	3571.26	
307	0.34	Lr	LinStatic	3	0.01747	0.00753	-11866.12	
307	0.	Le	LinStatic	0	0.	0.	-1702.02	
307	0.	Le	LinStatic	1	-0.00753	-0.01747	-1234.74	
307	0.	Le	LinStatic	2	-0.00753	0.00753	-5010.55	
307	0.	Le	LinStatic	3	0.01747	0.00753	2198.77	
307	0.17	Le	LinStatic	0	0.	0.	-1702.02	
307	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1840.87	
307	0.17	Le	LinStatic	2	-0.00753	0.00753	-1705.22	
307	0.17	Le	LinStatic	3	0.01747	0.00753	-1558.93	
307	0.34	Le	LinStatic	0	0.	0.	-1702.02	
307	0.34	Le	LinStatic	1	-0.00753	-0.01747	-2447.	
307	0.34	Le	LinStatic	2	-0.00753	0.00753	1600.11	
307	0.34	Le	LinStatic	3	0.01747	0.00753	-5316.64	
308	0.	DEAD	LinStatic	0	0.	0.	19.59	
308	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1325.71	
308	0.	DEAD	LinStatic	2	-0.00753	0.00753	-6489.98	
308	0.	DEAD	LinStatic	3	0.01747	0.00753	7307.69	
308	0.17	DEAD	LinStatic	0	0.	0.	32.68	
308	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	208.46	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
308	0.17	DEAD	LinStatic	2	-0.00753	0.00753	72.81	
308	0.17	DEAD	LinStatic	3	0.01747	0.00753	-196.09	
308	0.34	DEAD	LinStatic	0	0.	0.	45.76	
308	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-908.79	
308	0.34	DEAD	LinStatic	2	-0.00753	0.00753	6635.61	
308	0.34	DEAD	LinStatic	3	0.01747	0.00753	-7699.88	
308	0.	Lr	LinStatic	0	0.	0.	-21.33	
308	0.	Lr	LinStatic	1	-0.00753	-0.01747	1272.38	
308	0.	Lr	LinStatic	2	-0.00753	0.00753	-6449.9	
308	0.	Lr	LinStatic	3	0.01747	0.00753	7172.24	
308	0.17	Lr	LinStatic	0	0.	0.	-21.33	
308	0.17	Lr	LinStatic	1	-0.00753	-0.01747	154.43	
308	0.17	Lr	LinStatic	2	-0.00753	0.00753	21.51	
308	0.17	Lr	LinStatic	3	0.01747	0.00753	-253.64	
308	0.34	Lr	LinStatic	0	0.	0.	-21.33	
308	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-963.53	
308	0.34	Lr	LinStatic	2	-0.00753	0.00753	6492.91	
308	0.34	Lr	LinStatic	3	0.01747	0.00753	-7679.51	
308	0.	Le	LinStatic	0	0.	0.	-9.56	
308	0.	Le	LinStatic	1	-0.00753	-0.01747	570.09	
308	0.	Le	LinStatic	2	-0.00753	0.00753	-2889.89	
308	0.	Le	LinStatic	3	0.01747	0.00753	3213.53	
308	0.17	Le	LinStatic	0	0.	0.	-9.56	
308	0.17	Le	LinStatic	1	-0.00753	-0.01747	69.19	
308	0.17	Le	LinStatic	2	-0.00753	0.00753	9.64	
308	0.17	Le	LinStatic	3	0.01747	0.00753	-113.64	
308	0.34	Le	LinStatic	0	0.	0.	-9.56	
308	0.34	Le	LinStatic	1	-0.00753	-0.01747	-431.71	
308	0.34	Le	LinStatic	2	-0.00753	0.00753	2909.16	
308	0.34	Le	LinStatic	3	0.01747	0.00753	-3440.82	
309	0.	DEAD	LinStatic	0	0.	0.	-3692.08	
309	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-3276.81	
309	0.	DEAD	LinStatic	2	-0.00753	0.00753	-8390.96	
309	0.	DEAD	LinStatic	3	0.01747	0.00753	2096.31	
309	0.17	DEAD	LinStatic	0	0.	0.	-3679.	
309	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-4037.42	
309	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3473.02	
309	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3592.52	
309	0.34	DEAD	LinStatic	0	0.	0.	-3665.91	
309	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-4798.02	
309	0.34	DEAD	LinStatic	2	-0.00753	0.00753	1444.93	
309	0.34	DEAD	LinStatic	3	0.01747	0.00753	-9281.34	
309	0.	Lr	LinStatic	0	0.	0.	-3733.54	
309	0.	Lr	LinStatic	1	-0.00753	-0.01747	-3326.53	
309	0.	Lr	LinStatic	2	-0.00753	0.00753	-8370.4	
309	0.	Lr	LinStatic	3	0.01747	0.00753	1981.23	
309	0.17	Lr	LinStatic	0	0.	0.	-3733.54	
309	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-4089.33	
309	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3526.95	
309	0.17	Lr	LinStatic	3	0.01747	0.00753	-3650.5	
309	0.34	Lr	LinStatic	0	0.	0.	-3733.54	
309	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-4852.12	
309	0.34	Lr	LinStatic	2	-0.00753	0.00753	1316.5	
309	0.34	Lr	LinStatic	3	0.01747	0.00753	-9282.24	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
309	0.	Le	LinStatic	0	0.	0.	-1672.82	
309	0.	Le	LinStatic	1	-0.00753	-0.01747	-1490.46	
309	0.	Le	LinStatic	2	-0.00753	0.00753	-3750.37	
309	0.	Le	LinStatic	3	0.01747	0.00753	887.69	
309	0.17	Le	LinStatic	0	0.	0.	-1672.82	
309	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1832.23	
309	0.17	Le	LinStatic	2	-0.00753	0.00753	-1580.26	
309	0.17	Le	LinStatic	3	0.01747	0.00753	-1635.62	
309	0.34	Le	LinStatic	0	0.	0.	-1672.82	
309	0.34	Le	LinStatic	1	-0.00753	-0.01747	-2174.	
309	0.34	Le	LinStatic	2	-0.00753	0.00753	589.86	
309	0.34	Le	LinStatic	3	0.01747	0.00753	-4158.93	
30A	0.	DEAD	LinStatic	0	0.	0.	17.26	
30A	0.	DEAD	LinStatic	1	-0.00753	-0.01747	439.21	
30A	0.	DEAD	LinStatic	2	-0.00753	0.00753	-3159.53	
30A	0.	DEAD	LinStatic	3	0.01747	0.00753	3789.44	
30A	0.17	DEAD	LinStatic	0	0.	0.	30.34	
30A	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-24.66	
30A	0.17	DEAD	LinStatic	2	-0.00753	0.00753	119.23	
30A	0.17	DEAD	LinStatic	3	0.01747	0.00753	-32.	
30A	0.34	DEAD	LinStatic	0	0.	0.	43.43	
30A	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-488.53	
30A	0.34	DEAD	LinStatic	2	-0.00753	0.00753	3397.99	
30A	0.34	DEAD	LinStatic	3	0.01747	0.00753	-3853.44	
30A	0.	Lr	LinStatic	0	0.	0.	-23.51	
30A	0.	Lr	LinStatic	1	-0.00753	-0.01747	394.11	
30A	0.	Lr	LinStatic	2	-0.00753	0.00753	-3155.59	
30A	0.	Lr	LinStatic	3	0.01747	0.00753	3693.99	
30A	0.17	Lr	LinStatic	0	0.	0.	-23.51	
30A	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-78.	
30A	0.17	Lr	LinStatic	2	-0.00753	0.00753	68.	
30A	0.17	Lr	LinStatic	3	0.01747	0.00753	-89.83	
30A	0.34	Lr	LinStatic	0	0.	0.	-23.51	
30A	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-550.1	
30A	0.34	Lr	LinStatic	2	-0.00753	0.00753	3291.59	
30A	0.34	Lr	LinStatic	3	0.01747	0.00753	-3873.65	
30A	0.	Le	LinStatic	0	0.	0.	-10.53	
30A	0.	Le	LinStatic	1	-0.00753	-0.01747	176.58	
30A	0.	Le	LinStatic	2	-0.00753	0.00753	-1413.87	
30A	0.	Le	LinStatic	3	0.01747	0.00753	1655.1	
30A	0.17	Le	LinStatic	0	0.	0.	-10.53	
30A	0.17	Le	LinStatic	1	-0.00753	-0.01747	-34.95	
30A	0.17	Le	LinStatic	2	-0.00753	0.00753	30.47	
30A	0.17	Le	LinStatic	3	0.01747	0.00753	-40.25	
30A	0.34	Le	LinStatic	0	0.	0.	-10.53	
30A	0.34	Le	LinStatic	1	-0.00753	-0.01747	-246.47	
30A	0.34	Le	LinStatic	2	-0.00753	0.00753	1474.8	
30A	0.34	Le	LinStatic	3	0.01747	0.00753	-1735.59	
30B	0.	DEAD	LinStatic	0	0.	0.	-3689.83	
30B	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-3563.11	
30B	0.	DEAD	LinStatic	2	-0.00753	0.00753	-5513.51	
30B	0.	DEAD	LinStatic	3	0.01747	0.00753	-1408.87	
30B	0.17	DEAD	LinStatic	0	0.	0.	-3676.75	
30B	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3822.7	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
30B	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3627.26	
30B	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3596.13	
30B	0.34	DEAD	LinStatic	0	0.	0.	-3663.66	
30B	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-4082.29	
30B	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-1741.01	
30B	0.34	DEAD	LinStatic	3	0.01747	0.00753	-5783.4	
30B	0.	Lr	LinStatic	0	0.	0.	-3731.23	
30B	0.	Lr	LinStatic	1	-0.00753	-0.01747	-3607.93	
30B	0.	Lr	LinStatic	2	-0.00753	0.00753	-5534.68	
30B	0.	Lr	LinStatic	3	0.01747	0.00753	-1473.55	
30B	0.17	Lr	LinStatic	0	0.	0.	-3731.23	
30B	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3876.45	
30B	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3682.69	
30B	0.17	Lr	LinStatic	3	0.01747	0.00753	-3650.1	
30B	0.34	Lr	LinStatic	0	0.	0.	-3731.23	
30B	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-4144.96	
30B	0.34	Lr	LinStatic	2	-0.00753	0.00753	-1830.71	
30B	0.34	Lr	LinStatic	3	0.01747	0.00753	-5826.65	
30B	0.	Le	LinStatic	0	0.	0.	-1671.79	
30B	0.	Le	LinStatic	1	-0.00753	-0.01747	-1616.54	
30B	0.	Le	LinStatic	2	-0.00753	0.00753	-2479.82	
30B	0.	Le	LinStatic	3	0.01747	0.00753	-660.23	
30B	0.17	Le	LinStatic	0	0.	0.	-1671.79	
30B	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1736.85	
30B	0.17	Le	LinStatic	2	-0.00753	0.00753	-1650.04	
30B	0.17	Le	LinStatic	3	0.01747	0.00753	-1635.43	
30B	0.34	Le	LinStatic	0	0.	0.	-1671.79	
30B	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1857.16	
30B	0.34	Le	LinStatic	2	-0.00753	0.00753	-820.25	
30B	0.34	Le	LinStatic	3	0.01747	0.00753	-2610.64	
30C	0.	DEAD	LinStatic	0	0.	0.	10.69	
30C	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-75.39	
30C	0.	DEAD	LinStatic	2	-0.00753	0.00753	-114.85	
30C	0.	DEAD	LinStatic	3	0.01747	0.00753	262.52	
30C	0.17	DEAD	LinStatic	0	0.	0.	23.78	
30C	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-76.09	
30C	0.17	DEAD	LinStatic	2	-0.00753	0.00753	89.93	
30C	0.17	DEAD	LinStatic	3	0.01747	0.00753	36.31	
30C	0.34	DEAD	LinStatic	0	0.	0.	36.86	
30C	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-76.79	
30C	0.34	DEAD	LinStatic	2	-0.00753	0.00753	294.72	
30C	0.34	DEAD	LinStatic	3	0.01747	0.00753	-189.91	
30C	0.	Lr	LinStatic	0	0.	0.	-30.24	
30C	0.	Lr	LinStatic	1	-0.00753	-0.01747	-118.09	
30C	0.	Lr	LinStatic	2	-0.00753	0.00753	-139.46	
30C	0.	Lr	LinStatic	3	0.01747	0.00753	201.82	
30C	0.17	Lr	LinStatic	0	0.	0.	-30.24	
30C	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-127.86	
30C	0.17	Lr	LinStatic	2	-0.00753	0.00753	38.08	
30C	0.17	Lr	LinStatic	3	0.01747	0.00753	-22.8	
30C	0.34	Lr	LinStatic	0	0.	0.	-30.24	
30C	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-137.64	
30C	0.34	Lr	LinStatic	2	-0.00753	0.00753	215.63	
30C	0.34	Lr	LinStatic	3	0.01747	0.00753	-247.43	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
30C	0.	Le	LinStatic	0	0.	0.	-13.55	
30C	0.	Le	LinStatic	1	-0.00753	-0.01747	-52.91	
30C	0.	Le	LinStatic	2	-0.00753	0.00753	-62.49	
30C	0.	Le	LinStatic	3	0.01747	0.00753	90.43	
30C	0.17	Le	LinStatic	0	0.	0.	-13.55	
30C	0.17	Le	LinStatic	1	-0.00753	-0.01747	-57.29	
30C	0.17	Le	LinStatic	2	-0.00753	0.00753	17.06	
30C	0.17	Le	LinStatic	3	0.01747	0.00753	-10.22	
30C	0.34	Le	LinStatic	0	0.	0.	-13.55	
30C	0.34	Le	LinStatic	1	-0.00753	-0.01747	-61.67	
30C	0.34	Le	LinStatic	2	-0.00753	0.00753	96.61	
30C	0.34	Le	LinStatic	3	0.01747	0.00753	-110.86	
30D	0.	DEAD	LinStatic	0	0.	0.	30634.48	-32.91
30D	0.	DEAD	LinStatic	1	-0.0075	0.	30323.02	0.
30D	0.	DEAD	LinStatic	2	-0.005303	-0.005303	32005.52	-139.97
30D	0.	DEAD	LinStatic	3	-0.005303	0.005303	28822.96	107.07
30D	0.	DEAD	LinStatic	4	0.	-0.0075	32884.9	-207.59
30D	0.	DEAD	LinStatic	5	0.	0.0075	28384.07	141.78
30D	0.	DEAD	LinStatic	6	0.005303	-0.005303	32446.	-139.97
30D	0.	DEAD	LinStatic	7	0.005303	0.005303	29263.44	107.07
30D	0.	DEAD	LinStatic	8	0.0075	0.	30945.95	0.
30D	0.26249	DEAD	LinStatic	0	0.	0.	30647.57	-12.38
30D	0.26249	DEAD	LinStatic	1	-0.0075	0.	32713.41	0.
30D	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	32320.78	-129.71
30D	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	31895.9	117.33
30D	0.26249	DEAD	LinStatic	4	0.	-0.0075	30948.	-187.06
30D	0.26249	DEAD	LinStatic	5	0.	0.0075	30347.13	162.3
30D	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	29399.23	-129.71
30D	0.26249	DEAD	LinStatic	7	0.005303	0.005303	28974.35	117.33
30D	0.26249	DEAD	LinStatic	8	0.0075	0.	28581.72	0.
30D	0.52498	DEAD	LinStatic	0	0.	0.	30660.65	8.15
30D	0.52498	DEAD	LinStatic	1	-0.0075	0.	32948.67	0.
30D	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	31112.13	-119.44
30D	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	33444.92	127.59
30D	0.52498	DEAD	LinStatic	4	0.	-0.0075	29011.11	-166.53
30D	0.52498	DEAD	LinStatic	5	0.	0.0075	32310.19	182.83
30D	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	27876.38	-119.44
30D	0.52498	DEAD	LinStatic	7	0.005303	0.005303	30209.18	127.59
30D	0.52498	DEAD	LinStatic	8	0.0075	0.	28372.63	0.
30D	0.	Lr	LinStatic	0	0.	0.	30303.27	-12.63
30D	0.	Lr	LinStatic	1	-0.0075	0.	30679.1	0.
30D	0.	Lr	LinStatic	2	-0.005303	-0.005303	32147.17	-131.87
30D	0.	Lr	LinStatic	3	-0.005303	0.005303	28990.87	119.24
30D	0.	Lr	LinStatic	4	0.	-0.0075	32535.12	-190.19
30D	0.	Lr	LinStatic	5	0.	0.0075	28071.43	164.94
30D	0.	Lr	LinStatic	6	0.005303	-0.005303	31615.68	-131.87
30D	0.	Lr	LinStatic	7	0.005303	0.005303	28459.37	119.24
30D	0.	Lr	LinStatic	8	0.0075	0.	29927.45	0.
30D	0.26249	Lr	LinStatic	0	0.	0.	30303.27	-12.63
30D	0.26249	Lr	LinStatic	1	-0.0075	0.	32004.96	0.
30D	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	31716.05	-131.87
30D	0.26249	Lr	LinStatic	3	-0.005303	0.005303	31297.04	119.24
30D	0.26249	Lr	LinStatic	4	0.	-0.0075	30599.56	-190.19
30D	0.26249	Lr	LinStatic	5	0.	0.0075	30006.99	164.94

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
30D	0.26249	Lr	LinStatic	6	0.005303	-0.005303	29309.51	-131.87
30D	0.26249	Lr	LinStatic	7	0.005303	0.005303	28890.49	119.24
30D	0.26249	Lr	LinStatic	8	0.0075	0.	28601.59	0.
30D	0.52498	Lr	LinStatic	0	0.	0.	30303.27	-12.63
30D	0.52498	Lr	LinStatic	1	-0.0075	0.	33330.82	0.
30D	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	31284.93	-131.87
30D	0.52498	Lr	LinStatic	3	-0.005303	0.005303	33603.21	119.24
30D	0.52498	Lr	LinStatic	4	0.	-0.0075	28664.	-190.19
30D	0.52498	Lr	LinStatic	5	0.	0.0075	31942.55	164.94
30D	0.52498	Lr	LinStatic	6	0.005303	-0.005303	27003.34	-131.87
30D	0.52498	Lr	LinStatic	7	0.005303	0.005303	29321.62	119.24
30D	0.52498	Lr	LinStatic	8	0.0075	0.	27275.73	0.
30D	0.	Le	LinStatic	0	0.	0.	13577.44	-5.66
30D	0.	Le	LinStatic	1	-0.0075	0.	13745.83	0.
30D	0.	Le	LinStatic	2	-0.005303	-0.005303	14403.6	-59.09
30D	0.	Le	LinStatic	3	-0.005303	0.005303	12989.41	53.43
30D	0.	Le	LinStatic	4	0.	-0.0075	14577.42	-85.22
30D	0.	Le	LinStatic	5	0.	0.0075	12577.46	73.9
30D	0.	Le	LinStatic	6	0.005303	-0.005303	14165.47	-59.09
30D	0.	Le	LinStatic	7	0.005303	0.005303	12751.28	53.43
30D	0.	Le	LinStatic	8	0.0075	0.	13409.05	0.
30D	0.26249	Le	LinStatic	0	0.	0.	13577.44	-5.66
30D	0.26249	Le	LinStatic	1	-0.0075	0.	14339.88	0.
30D	0.26249	Le	LinStatic	2	-0.005303	-0.005303	14210.44	-59.09
30D	0.26249	Le	LinStatic	3	-0.005303	0.005303	14022.7	53.43
30D	0.26249	Le	LinStatic	4	0.	-0.0075	13710.19	-85.22
30D	0.26249	Le	LinStatic	5	0.	0.0075	13444.69	73.9
30D	0.26249	Le	LinStatic	6	0.005303	-0.005303	13132.18	-59.09
30D	0.26249	Le	LinStatic	7	0.005303	0.005303	12944.44	53.43
30D	0.26249	Le	LinStatic	8	0.0075	0.	12815.	0.
30D	0.52498	Le	LinStatic	0	0.	0.	13577.44	-5.66
30D	0.52498	Le	LinStatic	1	-0.0075	0.	14933.94	0.
30D	0.52498	Le	LinStatic	2	-0.005303	-0.005303	14017.27	-59.09
30D	0.52498	Le	LinStatic	3	-0.005303	0.005303	15055.98	53.43
30D	0.52498	Le	LinStatic	4	0.	-0.0075	12842.96	-85.22
30D	0.52498	Le	LinStatic	5	0.	0.0075	14311.92	73.9
30D	0.52498	Le	LinStatic	6	0.005303	-0.005303	12098.9	-59.09
30D	0.52498	Le	LinStatic	7	0.005303	0.005303	13137.61	53.43
30D	0.52498	Le	LinStatic	8	0.0075	0.	12220.94	0.
30E	0.	DEAD	LinStatic	0	0.	0.	-25212.04	-24.82
30E	0.	DEAD	LinStatic	1	-0.0075	0.	-24594.9	0.
30E	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-24695.42	-20.03
30E	0.	DEAD	LinStatic	3	-0.005303	0.005303	-24855.89	-4.79
30E	0.	DEAD	LinStatic	4	0.	-0.0075	-25098.57	-35.6
30E	0.	DEAD	LinStatic	5	0.	0.0075	-25325.51	-14.04
30E	0.	DEAD	LinStatic	6	0.005303	-0.005303	-25568.19	-20.03
30E	0.	DEAD	LinStatic	7	0.005303	0.005303	-25728.66	-4.79
30E	0.	DEAD	LinStatic	8	0.0075	0.	-25829.18	0.
30E	0.26249	DEAD	LinStatic	0	0.	0.	-25198.96	-4.29
30E	0.26249	DEAD	LinStatic	1	-0.0075	0.	-23053.63	0.
30E	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-23532.65	-9.77
30E	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-23831.31	5.48
30E	0.26249	DEAD	LinStatic	4	0.	-0.0075	-24987.77	-15.07
30E	0.26249	DEAD	LinStatic	5	0.	0.0075	-25410.15	6.49

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
30E	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-26566.6	-9.77
30E	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-26865.27	5.48
30E	0.26249	DEAD	LinStatic	8	0.0075	0.	-27344.29	0.
30E	0.52498	DEAD	LinStatic	0	0.	0.	-25185.87	16.23
30E	0.52498	DEAD	LinStatic	1	-0.0075	0.	-23667.5	0.
30E	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-23893.79	0.49
30E	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-24330.65	15.74
30E	0.52498	DEAD	LinStatic	4	0.	-0.0075	-24876.97	5.45
30E	0.52498	DEAD	LinStatic	5	0.	0.0075	-25494.78	27.02
30E	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-26041.1	0.49
30E	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-26477.95	15.74
30E	0.52498	DEAD	LinStatic	8	0.0075	0.	-26704.25	0.
30E	0.	Lr	LinStatic	0	0.	0.	-24917.04	-4.24
30E	0.	Lr	LinStatic	1	-0.0075	0.	-23597.45	0.
30E	0.	Lr	LinStatic	2	-0.005303	-0.005303	-23901.76	-10.1
30E	0.	Lr	LinStatic	3	-0.005303	0.005303	-24066.14	5.86
30E	0.	Lr	LinStatic	4	0.	-0.0075	-24800.81	-15.53
30E	0.	Lr	LinStatic	5	0.	0.0075	-25033.27	7.05
30E	0.	Lr	LinStatic	6	0.005303	-0.005303	-25767.94	-10.1
30E	0.	Lr	LinStatic	7	0.005303	0.005303	-25932.31	5.86
30E	0.	Lr	LinStatic	8	0.0075	0.	-26236.62	0.
30E	0.26249	Lr	LinStatic	0	0.	0.	-24917.04	-4.24
30E	0.26249	Lr	LinStatic	1	-0.0075	0.	-23152.1	0.
30E	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-23519.95	-10.1
30E	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-23818.12	5.86
30E	0.26249	Lr	LinStatic	4	0.	-0.0075	-24706.2	-15.53
30E	0.26249	Lr	LinStatic	5	0.	0.0075	-25127.87	7.05
30E	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-26015.95	-10.1
30E	0.26249	Lr	LinStatic	7	0.005303	0.005303	-26314.12	5.86
30E	0.26249	Lr	LinStatic	8	0.0075	0.	-26681.97	0.
30E	0.52498	Lr	LinStatic	0	0.	0.	-24917.04	-4.24
30E	0.52498	Lr	LinStatic	1	-0.0075	0.	-22706.74	0.
30E	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-23138.14	-10.1
30E	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-23570.1	5.86
30E	0.52498	Lr	LinStatic	4	0.	-0.0075	-24611.59	-15.53
30E	0.52498	Lr	LinStatic	5	0.	0.0075	-25222.48	7.05
30E	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-26263.97	-10.1
30E	0.52498	Lr	LinStatic	7	0.005303	0.005303	-26695.93	5.86
30E	0.52498	Lr	LinStatic	8	0.0075	0.	-27127.33	0.
30E	0.	Le	LinStatic	0	0.	0.	-11164.13	-1.9
30E	0.	Le	LinStatic	1	-0.0075	0.	-10572.88	0.
30E	0.	Le	LinStatic	2	-0.005303	-0.005303	-10709.23	-4.53
30E	0.	Le	LinStatic	3	-0.005303	0.005303	-10782.88	2.63
30E	0.	Le	LinStatic	4	0.	-0.0075	-11112.05	-6.96
30E	0.	Le	LinStatic	5	0.	0.0075	-11216.2	3.16
30E	0.	Le	LinStatic	6	0.005303	-0.005303	-11545.37	-4.53
30E	0.	Le	LinStatic	7	0.005303	0.005303	-11619.02	2.63
30E	0.	Le	LinStatic	8	0.0075	0.	-11755.37	0.
30E	0.26249	Le	LinStatic	0	0.	0.	-11164.13	-1.9
30E	0.26249	Le	LinStatic	1	-0.0075	0.	-10373.34	0.
30E	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-10538.16	-4.53
30E	0.26249	Le	LinStatic	3	-0.005303	0.005303	-10671.76	2.63
30E	0.26249	Le	LinStatic	4	0.	-0.0075	-11069.66	-6.96
30E	0.26249	Le	LinStatic	5	0.	0.0075	-11258.59	3.16

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
30E	0.26249	Le	LinStatic	6	0.005303	-0.005303	-11656.5	-4.53
30E	0.26249	Le	LinStatic	7	0.005303	0.005303	-11790.09	2.63
30E	0.26249	Le	LinStatic	8	0.0075	0.	-11954.91	0.
30E	0.52498	Le	LinStatic	0	0.	0.	-11164.13	-1.9
30E	0.52498	Le	LinStatic	1	-0.0075	0.	-10173.8	0.
30E	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-10367.09	-4.53
30E	0.52498	Le	LinStatic	3	-0.005303	0.005303	-10560.63	2.63
30E	0.52498	Le	LinStatic	4	0.	-0.0075	-11027.27	-6.96
30E	0.52498	Le	LinStatic	5	0.	0.0075	-11300.98	3.16
30E	0.52498	Le	LinStatic	6	0.005303	-0.005303	-11767.62	-4.53
30E	0.52498	Le	LinStatic	7	0.005303	0.005303	-11961.16	2.63
30E	0.52498	Le	LinStatic	8	0.0075	0.	-12154.45	0.
30F	0.	DEAD	LinStatic	0	0.	0.	19765.32	-17.46
30F	0.	DEAD	LinStatic	1	-0.0075	0.	21869.01	0.
30F	0.	DEAD	LinStatic	2	-0.005303	-0.005303	22393.97	-34.26
30F	0.	DEAD	LinStatic	3	-0.005303	0.005303	20111.74	16.79
30F	0.	DEAD	LinStatic	4	0.	-0.0075	21379.09	-53.56
30F	0.	DEAD	LinStatic	5	0.	0.0075	18151.55	18.64
30F	0.	DEAD	LinStatic	6	0.005303	-0.005303	19418.9	-34.26
30F	0.	DEAD	LinStatic	7	0.005303	0.005303	17136.67	16.79
30F	0.	DEAD	LinStatic	8	0.0075	0.	17661.63	0.
30F	0.26249	DEAD	LinStatic	0	0.	0.	19778.41	3.06
30F	0.26249	DEAD	LinStatic	1	-0.0075	0.	22637.93	0.
30F	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	21983.33	-23.99
30F	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	21617.47	27.06
30F	0.26249	DEAD	LinStatic	4	0.	-0.0075	20037.1	-33.03
30F	0.26249	DEAD	LinStatic	5	0.	0.0075	19519.71	39.16
30F	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	17939.34	-23.99
30F	0.26249	DEAD	LinStatic	7	0.005303	0.005303	17573.48	27.06
30F	0.26249	DEAD	LinStatic	8	0.0075	0.	16918.88	0.
30F	0.52498	DEAD	LinStatic	0	0.	0.	19791.49	23.59
30F	0.52498	DEAD	LinStatic	1	-0.0075	0.	21251.71	0.
30F	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	20048.77	-13.73
30F	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	21599.28	37.32
30F	0.52498	DEAD	LinStatic	4	0.	-0.0075	18695.11	-12.51
30F	0.52498	DEAD	LinStatic	5	0.	0.0075	20887.87	59.69
30F	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	17983.7	-13.73
30F	0.52498	DEAD	LinStatic	7	0.005303	0.005303	19534.21	37.32
30F	0.52498	DEAD	LinStatic	8	0.0075	0.	18331.27	0.
30F	0.	Lr	LinStatic	0	0.	0.	19557.95	3.04
30F	0.	Lr	LinStatic	1	-0.0075	0.	22351.08	0.
30F	0.	Lr	LinStatic	2	-0.005303	-0.005303	22666.48	-24.23
30F	0.	Lr	LinStatic	3	-0.005303	0.005303	20399.51	27.27
30F	0.	Lr	LinStatic	4	0.	-0.0075	21160.94	-33.37
30F	0.	Lr	LinStatic	5	0.	0.0075	17954.96	39.46
30F	0.	Lr	LinStatic	6	0.005303	-0.005303	18716.39	-24.23
30F	0.	Lr	LinStatic	7	0.005303	0.005303	16449.43	27.27
30F	0.	Lr	LinStatic	8	0.0075	0.	16764.82	0.
30F	0.26249	Lr	LinStatic	0	0.	0.	19557.95	3.04
30F	0.26249	Lr	LinStatic	1	-0.0075	0.	22031.49	0.
30F	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	21489.33	-24.23
30F	0.26249	Lr	LinStatic	3	-0.005303	0.005303	21124.69	27.27
30F	0.26249	Lr	LinStatic	4	0.	-0.0075	19815.79	-33.37
30F	0.26249	Lr	LinStatic	5	0.	0.0075	19300.11	39.46

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
30F	0.26249	Lr	LinStatic	6	0.005303	-0.005303	17991.21	-24.23
30F	0.26249	Lr	LinStatic	7	0.005303	0.005303	17626.57	27.27
30F	0.26249	Lr	LinStatic	8	0.0075	0.	17084.41	0.
30F	0.52498	Lr	LinStatic	0	0.	0.	19557.95	3.04
30F	0.52498	Lr	LinStatic	1	-0.0075	0.	21711.91	0.
30F	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	20312.18	-24.23
30F	0.52498	Lr	LinStatic	3	-0.005303	0.005303	21849.87	27.27
30F	0.52498	Lr	LinStatic	4	0.	-0.0075	18470.64	-33.37
30F	0.52498	Lr	LinStatic	5	0.	0.0075	20645.26	39.46
30F	0.52498	Lr	LinStatic	6	0.005303	-0.005303	17266.03	-24.23
30F	0.52498	Lr	LinStatic	7	0.005303	0.005303	18803.72	27.27
30F	0.52498	Lr	LinStatic	8	0.0075	0.	17404.	0.
30F	0.	Le	LinStatic	0	0.	0.	8762.98	1.36
30F	0.	Le	LinStatic	1	-0.0075	0.	10014.45	0.
30F	0.	Le	LinStatic	2	-0.005303	-0.005303	10155.76	-10.86
30F	0.	Le	LinStatic	3	-0.005303	0.005303	9140.04	12.22
30F	0.	Le	LinStatic	4	0.	-0.0075	9481.2	-14.95
30F	0.	Le	LinStatic	5	0.	0.0075	8044.76	17.68
30F	0.	Le	LinStatic	6	0.005303	-0.005303	8385.92	-10.86
30F	0.	Le	LinStatic	7	0.005303	0.005303	7370.2	12.22
30F	0.	Le	LinStatic	8	0.0075	0.	7511.51	0.
30F	0.26249	Le	LinStatic	0	0.	0.	8762.98	1.36
30F	0.26249	Le	LinStatic	1	-0.0075	0.	9871.25	0.
30F	0.26249	Le	LinStatic	2	-0.005303	-0.005303	9628.34	-10.86
30F	0.26249	Le	LinStatic	3	-0.005303	0.005303	9464.96	12.22
30F	0.26249	Le	LinStatic	4	0.	-0.0075	8878.5	-14.95
30F	0.26249	Le	LinStatic	5	0.	0.0075	8647.45	17.68
30F	0.26249	Le	LinStatic	6	0.005303	-0.005303	8061.	-10.86
30F	0.26249	Le	LinStatic	7	0.005303	0.005303	7897.62	12.22
30F	0.26249	Le	LinStatic	8	0.0075	0.	7654.7	0.
30F	0.52498	Le	LinStatic	0	0.	0.	8762.98	1.36
30F	0.52498	Le	LinStatic	1	-0.0075	0.	9728.06	0.
30F	0.52498	Le	LinStatic	2	-0.005303	-0.005303	9100.91	-10.86
30F	0.52498	Le	LinStatic	3	-0.005303	0.005303	9789.88	12.22
30F	0.52498	Le	LinStatic	4	0.	-0.0075	8275.81	-14.95
30F	0.52498	Le	LinStatic	5	0.	0.0075	9250.15	17.68
30F	0.52498	Le	LinStatic	6	0.005303	-0.005303	7736.08	-10.86
30F	0.52498	Le	LinStatic	7	0.005303	0.005303	8425.04	12.22
30F	0.52498	Le	LinStatic	8	0.0075	0.	7797.89	0.
310	0.	DEAD	LinStatic	0	0.	0.	-14419.19	-23.4
310	0.	DEAD	LinStatic	1	-0.0075	0.	-12521.59	0.
310	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-12963.35	-6.26
310	0.	DEAD	LinStatic	3	-0.005303	0.005303	-13191.41	-17.13
310	0.	DEAD	LinStatic	4	0.	-0.0075	-14257.92	-15.71
310	0.	DEAD	LinStatic	5	0.	0.0075	-14580.45	-31.08
310	0.	DEAD	LinStatic	6	0.005303	-0.005303	-15646.96	-6.26
310	0.	DEAD	LinStatic	7	0.005303	0.005303	-15875.03	-17.13
310	0.	DEAD	LinStatic	8	0.0075	0.	-16316.79	0.
310	0.26249	DEAD	LinStatic	0	0.	0.	-14406.1	-2.87
310	0.26249	DEAD	LinStatic	1	-0.0075	0.	-11129.61	0.
310	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-11962.26	4.
310	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-12216.29	-6.87
310	0.26249	DEAD	LinStatic	4	0.	-0.0075	-14226.47	4.82
310	0.26249	DEAD	LinStatic	5	0.	0.0075	-14585.73	-10.56

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
310	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-16595.91	4.
310	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-16849.95	-6.87
310	0.26249	DEAD	LinStatic	8	0.0075	0.	-17682.59	0.
310	0.52498	DEAD	LinStatic	0	0.	0.	-14393.02	17.66
310	0.52498	DEAD	LinStatic	1	-0.0075	0.	-11892.78	0.
310	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-12485.08	14.26
310	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-12765.09	3.39
310	0.52498	DEAD	LinStatic	4	0.	-0.0075	-14195.03	25.34
310	0.52498	DEAD	LinStatic	5	0.	0.0075	-14591.01	9.97
310	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-16020.95	14.26
310	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-16300.95	3.39
310	0.52498	DEAD	LinStatic	8	0.0075	0.	-16893.25	0.
310	0.	Lr	LinStatic	0	0.	0.	-14248.43	-2.86
310	0.	Lr	LinStatic	1	-0.0075	0.	-11665.49	0.
310	0.	Lr	LinStatic	2	-0.005303	-0.005303	-12304.99	3.64
310	0.	Lr	LinStatic	3	-0.005303	0.005303	-12539.05	-6.5
310	0.	Lr	LinStatic	4	0.	-0.0075	-14082.92	4.31
310	0.	Lr	LinStatic	5	0.	0.0075	-14413.93	-10.03
310	0.	Lr	LinStatic	6	0.005303	-0.005303	-15957.81	3.64
310	0.	Lr	LinStatic	7	0.005303	0.005303	-16191.87	-6.5
310	0.	Lr	LinStatic	8	0.0075	0.	-16831.36	0.
310	0.26249	Lr	LinStatic	0	0.	0.	-14248.43	-2.86
310	0.26249	Lr	LinStatic	1	-0.0075	0.	-11365.3	0.
310	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-12082.34	3.64
310	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-12337.16	-6.5
310	0.26249	Lr	LinStatic	4	0.	-0.0075	-14068.24	4.31
310	0.26249	Lr	LinStatic	5	0.	0.0075	-14428.62	-10.03
310	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-16159.7	3.64
310	0.26249	Lr	LinStatic	7	0.005303	0.005303	-16414.52	-6.5
310	0.26249	Lr	LinStatic	8	0.0075	0.	-17131.56	0.
310	0.52498	Lr	LinStatic	0	0.	0.	-14248.43	-2.86
310	0.52498	Lr	LinStatic	1	-0.0075	0.	-11065.1	0.
310	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-11859.68	3.64
310	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-12135.27	-6.5
310	0.52498	Lr	LinStatic	4	0.	-0.0075	-14053.56	4.31
310	0.52498	Lr	LinStatic	5	0.	0.0075	-14443.3	-10.03
310	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-16361.58	3.64
310	0.52498	Lr	LinStatic	7	0.005303	0.005303	-16637.17	-6.5
310	0.52498	Lr	LinStatic	8	0.0075	0.	-17431.75	0.
310	0.	Le	LinStatic	0	0.	0.	-6384.04	-1.28
310	0.	Le	LinStatic	1	-0.0075	0.	-5226.75	0.
310	0.	Le	LinStatic	2	-0.005303	-0.005303	-5513.27	1.63
310	0.	Le	LinStatic	3	-0.005303	0.005303	-5618.14	-2.91
310	0.	Le	LinStatic	4	0.	-0.0075	-6309.88	1.93
310	0.	Le	LinStatic	5	0.	0.0075	-6458.19	-4.49
310	0.	Le	LinStatic	6	0.005303	-0.005303	-7149.93	1.63
310	0.	Le	LinStatic	7	0.005303	0.005303	-7254.8	-2.91
310	0.	Le	LinStatic	8	0.0075	0.	-7541.32	0.
310	0.26249	Le	LinStatic	0	0.	0.	-6384.04	-1.28
310	0.26249	Le	LinStatic	1	-0.0075	0.	-5092.24	0.
310	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-5413.51	1.63
310	0.26249	Le	LinStatic	3	-0.005303	0.005303	-5527.69	-2.91
310	0.26249	Le	LinStatic	4	0.	-0.0075	-6303.3	1.93
310	0.26249	Le	LinStatic	5	0.	0.0075	-6464.77	-4.49

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
310	0.26249	Le	LinStatic	6	0.005303	-0.005303	-7240.38	1.63
310	0.26249	Le	LinStatic	7	0.005303	0.005303	-7354.56	-2.91
310	0.26249	Le	LinStatic	8	0.0075	0.	-7675.83	0.
310	0.52498	Le	LinStatic	0	0.	0.	-6384.04	-1.28
310	0.52498	Le	LinStatic	1	-0.0075	0.	-4957.74	0.
310	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-5313.75	1.63
310	0.52498	Le	LinStatic	3	-0.005303	0.005303	-5437.23	-2.91
310	0.52498	Le	LinStatic	4	0.	-0.0075	-6296.72	1.93
310	0.52498	Le	LinStatic	5	0.	0.0075	-6471.35	-4.49
310	0.52498	Le	LinStatic	6	0.005303	-0.005303	-7330.84	1.63
310	0.52498	Le	LinStatic	7	0.005303	0.005303	-7454.32	-2.91
310	0.52498	Le	LinStatic	8	0.0075	0.	-7810.33	0.
311	0.	DEAD	LinStatic	0	0.	0.	8960.47	-19.52
311	0.	DEAD	LinStatic	1	-0.0075	0.	11615.	0.
311	0.	DEAD	LinStatic	2	-0.005303	-0.005303	11319.91	-15.78
311	0.	DEAD	LinStatic	3	-0.005303	0.005303	10355.1	-3.74
311	0.	DEAD	LinStatic	4	0.	-0.0075	9642.69	-28.04
311	0.	DEAD	LinStatic	5	0.	0.0075	8278.25	-11.
311	0.	DEAD	LinStatic	6	0.005303	-0.005303	7565.83	-15.78
311	0.	DEAD	LinStatic	7	0.005303	0.005303	6601.03	-3.74
311	0.	DEAD	LinStatic	8	0.0075	0.	6305.93	0.
311	0.26249	DEAD	LinStatic	0	0.	0.	8973.55	1.01
311	0.26249	DEAD	LinStatic	1	-0.0075	0.	12600.02	0.
311	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	11642.37	-5.52
311	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	11433.33	6.53
311	0.26249	DEAD	LinStatic	4	0.	-0.0075	9121.36	-7.51
311	0.26249	DEAD	LinStatic	5	0.	0.0075	8825.74	9.53
311	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	6513.77	-5.52
311	0.26249	DEAD	LinStatic	7	0.005303	0.005303	6304.74	6.53
311	0.26249	DEAD	LinStatic	8	0.0075	0.	5347.09	0.
311	0.52498	DEAD	LinStatic	0	0.	0.	8986.64	21.53
311	0.52498	DEAD	LinStatic	1	-0.0075	0.	11429.9	0.
311	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	10440.92	4.74
311	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	10987.65	16.79
311	0.52498	DEAD	LinStatic	4	0.	-0.0075	8600.04	13.01
311	0.52498	DEAD	LinStatic	5	0.	0.0075	9373.24	30.05
311	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	6985.63	4.74
311	0.52498	DEAD	LinStatic	7	0.005303	0.005303	7532.36	16.79
311	0.52498	DEAD	LinStatic	8	0.0075	0.	6543.38	0.
311	0.	Lr	LinStatic	0	0.	0.	8877.04	0.98
311	0.	Lr	LinStatic	1	-0.0075	0.	12211.14	0.
311	0.	Lr	LinStatic	2	-0.005303	-0.005303	11711.04	-5.25
311	0.	Lr	LinStatic	3	-0.005303	0.005303	10758.17	6.24
311	0.	Lr	LinStatic	4	0.	-0.0075	9550.82	-7.14
311	0.	Lr	LinStatic	5	0.	0.0075	8203.26	9.11
311	0.	Lr	LinStatic	6	0.005303	-0.005303	6995.91	-5.25
311	0.	Lr	LinStatic	7	0.005303	0.005303	6043.04	6.24
311	0.	Lr	LinStatic	8	0.0075	0.	5542.94	0.
311	0.26249	Lr	LinStatic	0	0.	0.	8877.04	0.98
311	0.26249	Lr	LinStatic	1	-0.0075	0.	12107.81	0.
311	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	11264.63	-5.25
311	0.26249	Lr	LinStatic	3	-0.005303	0.005303	11058.44	6.24
311	0.26249	Lr	LinStatic	4	0.	-0.0075	9022.84	-7.14
311	0.26249	Lr	LinStatic	5	0.	0.0075	8731.24	9.11

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
311	0.26249	Lr	LinStatic	6	0.005303	-0.005303	6695.63	-5.25
311	0.26249	Lr	LinStatic	7	0.005303	0.005303	6489.45	6.24
311	0.26249	Lr	LinStatic	8	0.0075	0.	5646.27	0.
311	0.52498	Lr	LinStatic	0	0.	0.	8877.04	0.98
311	0.52498	Lr	LinStatic	1	-0.0075	0.	12004.48	0.
311	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	10818.22	-5.25
311	0.52498	Lr	LinStatic	3	-0.005303	0.005303	11358.72	6.24
311	0.52498	Lr	LinStatic	4	0.	-0.0075	8494.85	-7.14
311	0.52498	Lr	LinStatic	5	0.	0.0075	9259.23	9.11
311	0.52498	Lr	LinStatic	6	0.005303	-0.005303	6395.36	-5.25
311	0.52498	Lr	LinStatic	7	0.005303	0.005303	6935.85	6.24
311	0.52498	Lr	LinStatic	8	0.0075	0.	5749.6	0.
311	0.	Le	LinStatic	0	0.	0.	3977.37	0.44
311	0.	Le	LinStatic	1	-0.0075	0.	5471.22	0.
311	0.	Le	LinStatic	2	-0.005303	-0.005303	5247.15	-2.35
311	0.	Le	LinStatic	3	-0.005303	0.005303	4820.22	2.79
311	0.	Le	LinStatic	4	0.	-0.0075	4279.26	-3.2
311	0.	Le	LinStatic	5	0.	0.0075	3675.49	4.08
311	0.	Le	LinStatic	6	0.005303	-0.005303	3134.53	-2.35
311	0.	Le	LinStatic	7	0.005303	0.005303	2707.6	2.79
311	0.	Le	LinStatic	8	0.0075	0.	2483.52	0.
311	0.26249	Le	LinStatic	0	0.	0.	3977.37	0.44
311	0.26249	Le	LinStatic	1	-0.0075	0.	5424.93	0.
311	0.26249	Le	LinStatic	2	-0.005303	-0.005303	5047.14	-2.35
311	0.26249	Le	LinStatic	3	-0.005303	0.005303	4954.76	2.79
311	0.26249	Le	LinStatic	4	0.	-0.0075	4042.7	-3.2
311	0.26249	Le	LinStatic	5	0.	0.0075	3912.05	4.08
311	0.26249	Le	LinStatic	6	0.005303	-0.005303	2999.99	-2.35
311	0.26249	Le	LinStatic	7	0.005303	0.005303	2907.61	2.79
311	0.26249	Le	LinStatic	8	0.0075	0.	2529.82	0.
311	0.52498	Le	LinStatic	0	0.	0.	3977.37	0.44
311	0.52498	Le	LinStatic	1	-0.0075	0.	5378.63	0.
311	0.52498	Le	LinStatic	2	-0.005303	-0.005303	4847.13	-2.35
311	0.52498	Le	LinStatic	3	-0.005303	0.005303	5089.3	2.79
311	0.52498	Le	LinStatic	4	0.	-0.0075	3806.13	-3.2
311	0.52498	Le	LinStatic	5	0.	0.0075	4148.61	4.08
311	0.52498	Le	LinStatic	6	0.005303	-0.005303	2865.45	-2.35
311	0.52498	Le	LinStatic	7	0.005303	0.005303	3107.62	2.79
311	0.52498	Le	LinStatic	8	0.0075	0.	2576.12	0.
312	0.	DEAD	LinStatic	0	0.	0.	-3635.86	-21.08
312	0.	DEAD	LinStatic	1	-0.0075	0.	-962.49	0.
312	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-1823.47	-2.13
312	0.	DEAD	LinStatic	3	-0.005303	0.005303	-1667.54	-18.95
312	0.	DEAD	LinStatic	4	0.	-0.0075	-3746.13	-9.19
312	0.	DEAD	LinStatic	5	0.	0.0075	-3525.6	-32.97
312	0.	DEAD	LinStatic	6	0.005303	-0.005303	-5604.19	-2.13
312	0.	DEAD	LinStatic	7	0.005303	0.005303	-5448.25	-18.95
312	0.	DEAD	LinStatic	8	0.0075	0.	-6309.23	0.
312	0.26249	DEAD	LinStatic	0	0.	0.	-3622.78	-0.56
312	0.26249	DEAD	LinStatic	1	-0.0075	0.	186.62	0.
312	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-971.98	8.13
312	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-886.28	-8.69
312	0.26249	DEAD	LinStatic	4	0.	-0.0075	-3683.37	11.33
312	0.26249	DEAD	LinStatic	5	0.	0.0075	-3562.18	-12.45

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
312	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-6359.27	8.13
312	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-6273.58	-8.69
312	0.26249	DEAD	LinStatic	8	0.0075	0.	-7432.17	0.
312	0.52498	DEAD	LinStatic	0	0.	0.	-3609.69	19.97
312	0.52498	DEAD	LinStatic	1	-0.0075	0.	-819.42	0.
312	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-1644.39	18.39
312	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-1628.95	1.58
312	0.52498	DEAD	LinStatic	4	0.	-0.0075	-3620.61	31.86
312	0.52498	DEAD	LinStatic	5	0.	0.0075	-3598.77	8.08
312	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-5590.44	18.39
312	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-5574.99	1.58
312	0.52498	DEAD	LinStatic	8	0.0075	0.	-6399.97	0.
312	0.	Lr	LinStatic	0	0.	0.	-3573.97	-0.53
312	0.	Lr	LinStatic	1	-0.0075	0.	-218.43	0.
312	0.	Lr	LinStatic	2	-0.005303	-0.005303	-1282.46	8.19
312	0.	Lr	LinStatic	3	-0.005303	0.005303	-1120.03	-8.73
312	0.	Lr	LinStatic	4	0.	-0.0075	-3688.82	11.43
312	0.	Lr	LinStatic	5	0.	0.0075	-3459.11	-12.5
312	0.	Lr	LinStatic	6	0.005303	-0.005303	-6027.9	8.19
312	0.	Lr	LinStatic	7	0.005303	0.005303	-5865.47	-8.73
312	0.	Lr	LinStatic	8	0.0075	0.	-6929.5	0.
312	0.26249	Lr	LinStatic	0	0.	0.	-3573.97	-0.53
312	0.26249	Lr	LinStatic	1	-0.0075	0.	-162.32	0.
312	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-1204.95	8.19
312	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-1118.19	-8.73
312	0.26249	Lr	LinStatic	4	0.	-0.0075	-3635.32	11.43
312	0.26249	Lr	LinStatic	5	0.	0.0075	-3512.61	-12.5
312	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-6029.75	8.19
312	0.26249	Lr	LinStatic	7	0.005303	0.005303	-5942.98	-8.73
312	0.26249	Lr	LinStatic	8	0.0075	0.	-6985.61	0.
312	0.52498	Lr	LinStatic	0	0.	0.	-3573.97	-0.53
312	0.52498	Lr	LinStatic	1	-0.0075	0.	-106.21	0.
312	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-1127.44	8.19
312	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-1116.34	-8.73
312	0.52498	Lr	LinStatic	4	0.	-0.0075	-3581.81	11.43
312	0.52498	Lr	LinStatic	5	0.	0.0075	-3566.12	-12.5
312	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-6031.59	8.19
312	0.52498	Lr	LinStatic	7	0.005303	0.005303	-6020.49	-8.73
312	0.52498	Lr	LinStatic	8	0.0075	0.	-7041.72	0.
312	0.	Le	LinStatic	0	0.	0.	-1601.32	-0.24
312	0.	Le	LinStatic	1	-0.0075	0.	-97.87	0.
312	0.	Le	LinStatic	2	-0.005303	-0.005303	-574.61	3.67
312	0.	Le	LinStatic	3	-0.005303	0.005303	-501.83	-3.91
312	0.	Le	LinStatic	4	0.	-0.0075	-1652.78	5.12
312	0.	Le	LinStatic	5	0.	0.0075	-1549.86	-5.6
312	0.	Le	LinStatic	6	0.005303	-0.005303	-2700.81	3.67
312	0.	Le	LinStatic	7	0.005303	0.005303	-2628.03	-3.91
312	0.	Le	LinStatic	8	0.0075	0.	-3104.77	0.
312	0.26249	Le	LinStatic	0	0.	0.	-1601.32	-0.24
312	0.26249	Le	LinStatic	1	-0.0075	0.	-72.73	0.
312	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-539.88	3.67
312	0.26249	Le	LinStatic	3	-0.005303	0.005303	-501.01	-3.91
312	0.26249	Le	LinStatic	4	0.	-0.0075	-1628.81	5.12
312	0.26249	Le	LinStatic	5	0.	0.0075	-1573.83	-5.6

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
312	0.26249	Le	LinStatic	6	0.005303	-0.005303	-2701.64	3.67
312	0.26249	Le	LinStatic	7	0.005303	0.005303	-2662.76	-3.91
312	0.26249	Le	LinStatic	8	0.0075	0.	-3129.92	0.
312	0.52498	Le	LinStatic	0	0.	0.	-1601.32	-0.24
312	0.52498	Le	LinStatic	1	-0.0075	0.	-47.59	0.
312	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-505.15	3.67
312	0.52498	Le	LinStatic	3	-0.005303	0.005303	-500.18	-3.91
312	0.52498	Le	LinStatic	4	0.	-0.0075	-1604.84	5.12
312	0.52498	Le	LinStatic	5	0.	0.0075	-1597.81	-5.6
312	0.52498	Le	LinStatic	6	0.005303	-0.005303	-2702.47	3.67
312	0.52498	Le	LinStatic	7	0.005303	0.005303	-2697.49	-3.91
312	0.52498	Le	LinStatic	8	0.0075	0.	-3155.06	0.
343	0.	DEAD	LinStatic	0	0.	0.	-3689.79	
343	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-4277.63	
343	0.	DEAD	LinStatic	2	-0.00753	0.00753	-2209.43	
343	0.	DEAD	LinStatic	3	0.01747	0.00753	-5056.39	
343	0.17	DEAD	LinStatic	0	0.	0.	-3676.71	
343	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3815.21	
343	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3620.4	
343	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3612.55	
343	0.34	DEAD	LinStatic	0	0.	0.	-3663.62	
343	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-3352.78	
343	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-5031.36	
343	0.34	DEAD	LinStatic	3	0.01747	0.00753	-2168.72	
343	0.	Lr	LinStatic	0	0.	0.	-3731.24	
343	0.	Lr	LinStatic	1	-0.00753	-0.01747	-4317.88	
343	0.	Lr	LinStatic	2	-0.00753	0.00753	-2254.99	
343	0.	Lr	LinStatic	3	0.01747	0.00753	-5093.62	
343	0.17	Lr	LinStatic	0	0.	0.	-3731.24	
343	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3870.2	
343	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3672.18	
343	0.17	Lr	LinStatic	3	0.01747	0.00753	-3670.26	
343	0.34	Lr	LinStatic	0	0.	0.	-3731.24	
343	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-3422.53	
343	0.34	Lr	LinStatic	2	-0.00753	0.00753	-5089.37	
343	0.34	Lr	LinStatic	3	0.01747	0.00753	-2246.89	
343	0.	Le	LinStatic	0	0.	0.	-1671.79	
343	0.	Le	LinStatic	1	-0.00753	-0.01747	-1934.63	
343	0.	Le	LinStatic	2	-0.00753	0.00753	-1010.35	
343	0.	Le	LinStatic	3	0.01747	0.00753	-2282.21	
343	0.17	Le	LinStatic	0	0.	0.	-1671.79	
343	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1734.05	
343	0.17	Le	LinStatic	2	-0.00753	0.00753	-1645.33	
343	0.17	Le	LinStatic	3	0.01747	0.00753	-1644.47	
343	0.34	Le	LinStatic	0	0.	0.	-1671.79	
343	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1533.47	
343	0.34	Le	LinStatic	2	-0.00753	0.00753	-2280.3	
343	0.34	Le	LinStatic	3	0.01747	0.00753	-1006.72	
344	0.	DEAD	LinStatic	0	0.	0.	3.43	
344	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-643.42	
344	0.	DEAD	LinStatic	2	-0.00753	0.00753	2865.36	
344	0.	DEAD	LinStatic	3	0.01747	0.00753	-3128.15	
344	0.17	DEAD	LinStatic	0	0.	0.	16.52	
344	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-156.01	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
344	0.17	DEAD	LinStatic	2	-0.00753	0.00753	40.74	
344	0.17	DEAD	LinStatic	3	0.01747	0.00753	157.07	
344	0.34	DEAD	LinStatic	0	0.	0.	29.61	
344	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	331.39	
344	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-2783.87	
344	0.34	DEAD	LinStatic	3	0.01747	0.00753	3442.3	
344	0.	Lr	LinStatic	0	0.	0.	-37.31	
344	0.	Lr	LinStatic	1	-0.00753	-0.01747	-678.86	
344	0.	Lr	LinStatic	2	-0.00753	0.00753	2804.65	
344	0.	Lr	LinStatic	3	0.01747	0.00753	-3147.84	
344	0.17	Lr	LinStatic	0	0.	0.	-37.31	
344	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-207.84	
344	0.17	Lr	LinStatic	2	-0.00753	0.00753	-10.06	
344	0.17	Lr	LinStatic	3	0.01747	0.00753	97.24	
344	0.34	Lr	LinStatic	0	0.	0.	-37.31	
344	0.34	Lr	LinStatic	1	-0.00753	-0.01747	263.17	
344	0.34	Lr	LinStatic	2	-0.00753	0.00753	-2824.76	
344	0.34	Lr	LinStatic	3	0.01747	0.00753	3342.31	
344	0.	Le	LinStatic	0	0.	0.	-16.72	
344	0.	Le	LinStatic	1	-0.00753	-0.01747	-304.16	
344	0.	Le	LinStatic	2	-0.00753	0.00753	1256.63	
344	0.	Le	LinStatic	3	0.01747	0.00753	-1410.39	
344	0.17	Le	LinStatic	0	0.	0.	-16.72	
344	0.17	Le	LinStatic	1	-0.00753	-0.01747	-93.13	
344	0.17	Le	LinStatic	2	-0.00753	0.00753	-4.51	
344	0.17	Le	LinStatic	3	0.01747	0.00753	43.57	
344	0.34	Le	LinStatic	0	0.	0.	-16.72	
344	0.34	Le	LinStatic	1	-0.00753	-0.01747	117.91	
344	0.34	Le	LinStatic	2	-0.00753	0.00753	-1265.64	
344	0.34	Le	LinStatic	3	0.01747	0.00753	1497.53	
345	0.	DEAD	LinStatic	0	0.	0.	-3693.9	
345	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-4787.07	
345	0.	DEAD	LinStatic	2	-0.00753	0.00753	882.22	
345	0.	DEAD	LinStatic	3	0.01747	0.00753	-8642.31	
345	0.17	DEAD	LinStatic	0	0.	0.	-3680.81	
345	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3710.93	
345	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3698.51	
345	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3627.33	
345	0.34	DEAD	LinStatic	0	0.	0.	-3667.73	
345	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-2634.79	
345	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-8279.24	
345	0.34	DEAD	LinStatic	3	0.01747	0.00753	1387.66	
345	0.	Lr	LinStatic	0	0.	0.	-3735.3	
345	0.	Lr	LinStatic	1	-0.00753	-0.01747	-4823.11	
345	0.	Lr	LinStatic	2	-0.00753	0.00753	801.58	
345	0.	Lr	LinStatic	3	0.01747	0.00753	-8637.28	
345	0.17	Lr	LinStatic	0	0.	0.	-3735.3	
345	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3767.96	
345	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3749.19	
345	0.17	Lr	LinStatic	3	0.01747	0.00753	-3684.32	
345	0.34	Lr	LinStatic	0	0.	0.	-3735.3	
345	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-2712.81	
345	0.34	Lr	LinStatic	2	-0.00753	0.00753	-8299.95	
345	0.34	Lr	LinStatic	3	0.01747	0.00753	1268.64	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
345	0.	Le	LinStatic	0	0.	0.	-1673.61	
345	0.	Le	LinStatic	1	-0.00753	-0.01747	-2161.	
345	0.	Le	LinStatic	2	-0.00753	0.00753	359.15	
345	0.	Le	LinStatic	3	0.01747	0.00753	-3869.95	
345	0.17	Le	LinStatic	0	0.	0.	-1673.61	
345	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1688.24	
345	0.17	Le	LinStatic	2	-0.00753	0.00753	-1679.83	
345	0.17	Le	LinStatic	3	0.01747	0.00753	-1650.77	
345	0.34	Le	LinStatic	0	0.	0.	-1673.61	
345	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1215.48	
345	0.34	Le	LinStatic	2	-0.00753	0.00753	-3718.81	
345	0.34	Le	LinStatic	3	0.01747	0.00753	568.42	
346	0.	DEAD	LinStatic	0	0.	0.	3.43	
346	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-1277.73	
346	0.	DEAD	LinStatic	2	-0.00753	0.00753	6003.17	
346	0.	DEAD	LinStatic	3	0.01747	0.00753	-6636.53	
346	0.17	DEAD	LinStatic	0	0.	0.	16.51	
346	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-264.16	
346	0.17	DEAD	LinStatic	2	-0.00753	0.00753	41.38	
346	0.17	DEAD	LinStatic	3	0.01747	0.00753	264.35	
346	0.34	DEAD	LinStatic	0	0.	0.	29.6	
346	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	749.42	
346	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-5920.41	
346	0.34	DEAD	LinStatic	3	0.01747	0.00753	7165.23	
346	0.	Lr	LinStatic	0	0.	0.	-37.33	
346	0.	Lr	LinStatic	1	-0.00753	-0.01747	-1312.62	
346	0.	Lr	LinStatic	2	-0.00753	0.00753	5910.21	
346	0.	Lr	LinStatic	3	0.01747	0.00753	-6614.23	
346	0.17	Lr	LinStatic	0	0.	0.	-37.33	
346	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-317.29	
346	0.17	Lr	LinStatic	2	-0.00753	0.00753	-8.27	
346	0.17	Lr	LinStatic	3	0.01747	0.00753	204.26	
346	0.34	Lr	LinStatic	0	0.	0.	-37.33	
346	0.34	Lr	LinStatic	1	-0.00753	-0.01747	678.04	
346	0.34	Lr	LinStatic	2	-0.00753	0.00753	-5926.75	
346	0.34	Lr	LinStatic	3	0.01747	0.00753	7022.75	
346	0.	Le	LinStatic	0	0.	0.	-16.73	
346	0.	Le	LinStatic	1	-0.00753	-0.01747	-588.12	
346	0.	Le	LinStatic	2	-0.00753	0.00753	2648.08	
346	0.	Le	LinStatic	3	0.01747	0.00753	-2963.52	
346	0.17	Le	LinStatic	0	0.	0.	-16.73	
346	0.17	Le	LinStatic	1	-0.00753	-0.01747	-142.16	
346	0.17	Le	LinStatic	2	-0.00753	0.00753	-3.71	
346	0.17	Le	LinStatic	3	0.01747	0.00753	91.52	
346	0.34	Le	LinStatic	0	0.	0.	-16.73	
346	0.34	Le	LinStatic	1	-0.00753	-0.01747	303.8	
346	0.34	Le	LinStatic	2	-0.00753	0.00753	-2655.49	
346	0.34	Le	LinStatic	3	0.01747	0.00753	3146.56	
347	0.	DEAD	LinStatic	0	0.	0.	-3713.81	
347	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-5229.26	
347	0.	DEAD	LinStatic	2	-0.00753	0.00753	3727.44	
347	0.	DEAD	LinStatic	3	0.01747	0.00753	-12022.62	
347	0.17	DEAD	LinStatic	0	0.	0.	-3700.73	
347	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3599.52	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
347	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3793.81	
347	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3679.04	
347	0.34	DEAD	LinStatic	0	0.	0.	-3687.64	
347	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-1969.78	
347	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-11315.06	
347	0.34	DEAD	LinStatic	3	0.01747	0.00753	4664.53	
347	0.	Lr	LinStatic	0	0.	0.	-3755.19	
347	0.	Lr	LinStatic	1	-0.00753	-0.01747	-5250.57	
347	0.	Lr	LinStatic	2	-0.00753	0.00753	3609.51	
347	0.	Lr	LinStatic	3	0.01747	0.00753	-11983.02	
347	0.17	Lr	LinStatic	0	0.	0.	-3755.19	
347	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3653.12	
347	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3844.63	
347	0.17	Lr	LinStatic	3	0.01747	0.00753	-3739.19	
347	0.34	Lr	LinStatic	0	0.	0.	-3755.19	
347	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-2055.67	
347	0.34	Lr	LinStatic	2	-0.00753	0.00753	-11298.77	
347	0.34	Lr	LinStatic	3	0.01747	0.00753	4504.63	
347	0.	Le	LinStatic	0	0.	0.	-1682.52	
347	0.	Le	LinStatic	1	-0.00753	-0.01747	-2352.53	
347	0.	Le	LinStatic	2	-0.00753	0.00753	1617.25	
347	0.	Le	LinStatic	3	0.01747	0.00753	-5369.02	
347	0.17	Le	LinStatic	0	0.	0.	-1682.52	
347	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1636.79	
347	0.17	Le	LinStatic	2	-0.00753	0.00753	-1722.59	
347	0.17	Le	LinStatic	3	0.01747	0.00753	-1675.35	
347	0.34	Le	LinStatic	0	0.	0.	-1682.52	
347	0.34	Le	LinStatic	1	-0.00753	-0.01747	-921.05	
347	0.34	Le	LinStatic	2	-0.00753	0.00753	-5062.44	
347	0.34	Le	LinStatic	3	0.01747	0.00753	2018.31	
348	0.	DEAD	LinStatic	0	0.	0.	-104.98	
348	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-695.53	
348	0.	DEAD	LinStatic	2	-0.00753	0.00753	8999.84	
348	0.	DEAD	LinStatic	3	0.01747	0.00753	-11534.99	
348	0.17	DEAD	LinStatic	0	0.	0.	-91.89	
348	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	146.57	
348	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-636.27	
348	0.17	DEAD	LinStatic	3	0.01747	0.00753	388.36	
348	0.34	DEAD	LinStatic	0	0.	0.	-78.81	
348	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	988.66	
348	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-10272.38	
348	0.34	DEAD	LinStatic	3	0.01747	0.00753	12311.72	
348	0.	Lr	LinStatic	0	0.	0.	-148.21	
348	0.	Lr	LinStatic	1	-0.00753	-0.01747	-682.49	
348	0.	Lr	LinStatic	2	-0.00753	0.00753	8842.36	
348	0.	Lr	LinStatic	3	0.01747	0.00753	-11483.66	
348	0.17	Lr	LinStatic	0	0.	0.	-148.21	
348	0.17	Lr	LinStatic	1	-0.00753	-0.01747	107.89	
348	0.17	Lr	LinStatic	2	-0.00753	0.00753	-693.76	
348	0.17	Lr	LinStatic	3	0.01747	0.00753	315.95	
348	0.34	Lr	LinStatic	0	0.	0.	-148.21	
348	0.34	Lr	LinStatic	1	-0.00753	-0.01747	898.28	
348	0.34	Lr	LinStatic	2	-0.00753	0.00753	-10229.88	
348	0.34	Lr	LinStatic	3	0.01747	0.00753	12115.56	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
348	0.	Le	LinStatic	0	0.	0.	-66.41	
348	0.	Le	LinStatic	1	-0.00753	-0.01747	-305.79	
348	0.	Le	LinStatic	2	-0.00753	0.00753	3961.84	
348	0.	Le	LinStatic	3	0.01747	0.00753	-5145.28	
348	0.17	Le	LinStatic	0	0.	0.	-66.41	
348	0.17	Le	LinStatic	1	-0.00753	-0.01747	48.34	
348	0.17	Le	LinStatic	2	-0.00753	0.00753	-310.84	
348	0.17	Le	LinStatic	3	0.01747	0.00753	141.56	
348	0.34	Le	LinStatic	0	0.	0.	-66.41	
348	0.34	Le	LinStatic	1	-0.00753	-0.01747	402.47	
348	0.34	Le	LinStatic	2	-0.00753	0.00753	-4583.52	
348	0.34	Le	LinStatic	3	0.01747	0.00753	5428.4	
349	0.	DEAD	LinStatic	0	0.	0.	-1816.31	-20.99
349	0.	DEAD	LinStatic	1	-0.0075	0.	886.86	0.
349	0.	DEAD	LinStatic	2	-0.005303	-0.005303	60.87	-35.19
349	0.	DEAD	LinStatic	3	-0.005303	0.005303	129.37	14.2
349	0.	DEAD	LinStatic	4	0.	-0.0075	-1864.75	-55.92
349	0.	DEAD	LinStatic	5	0.	0.0075	-1767.87	13.94
349	0.	DEAD	LinStatic	6	0.005303	-0.005303	-3761.99	-35.19
349	0.	DEAD	LinStatic	7	0.005303	0.005303	-3693.49	14.2
349	0.	DEAD	LinStatic	8	0.0075	0.	-4519.48	0.
349	0.26249	DEAD	LinStatic	0	0.	0.	-1803.23	-0.47
349	0.26249	DEAD	LinStatic	1	-0.0075	0.	2026.41	0.
349	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	971.2	-24.93
349	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	838.27	24.46
349	0.26249	DEAD	LinStatic	4	0.	-0.0075	-1709.23	-35.39
349	0.26249	DEAD	LinStatic	5	0.	0.0075	-1897.23	34.46
349	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-4444.72	-24.93
349	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-4577.66	24.46
349	0.26249	DEAD	LinStatic	8	0.0075	0.	-5632.86	0.
349	0.52498	DEAD	LinStatic	0	0.	0.	-1790.14	20.06
349	0.52498	DEAD	LinStatic	1	-0.0075	0.	1010.83	0.
349	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	357.63	-14.67
349	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	23.26	34.73
349	0.52498	DEAD	LinStatic	4	0.	-0.0075	-1553.7	-14.87
349	0.52498	DEAD	LinStatic	5	0.	0.0075	-2026.58	54.99
349	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-3603.54	-14.67
349	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-3937.91	34.73
349	0.52498	DEAD	LinStatic	8	0.0075	0.	-4591.11	0.
349	0.	Lr	LinStatic	0	0.	0.	-1790.66	-0.44
349	0.	Lr	LinStatic	1	-0.0075	0.	1595.77	0.
349	0.	Lr	LinStatic	2	-0.005303	-0.005303	573.97	-25.14
349	0.	Lr	LinStatic	3	-0.005303	0.005303	633.85	24.71
349	0.	Lr	LinStatic	4	0.	-0.0075	-1833.	-35.69
349	0.	Lr	LinStatic	5	0.	0.0075	-1748.31	34.81
349	0.	Lr	LinStatic	6	0.005303	-0.005303	-4215.16	-25.14
349	0.	Lr	LinStatic	7	0.005303	0.005303	-4155.28	24.71
349	0.	Lr	LinStatic	8	0.0075	0.	-5177.08	0.
349	0.26249	Lr	LinStatic	0	0.	0.	-1790.66	-0.44
349	0.26249	Lr	LinStatic	1	-0.0075	0.	1641.68	0.
349	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	702.94	-25.14
349	0.26249	Lr	LinStatic	3	-0.005303	0.005303	569.81	24.71
349	0.26249	Lr	LinStatic	4	0.	-0.0075	-1696.52	-35.69
349	0.26249	Lr	LinStatic	5	0.	0.0075	-1884.79	34.81

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
349	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-4151.12	-25.14
349	0.26249	Lr	LinStatic	7	0.005303	0.005303	-4284.25	24.71
349	0.26249	Lr	LinStatic	8	0.0075	0.	-5222.99	0.
349	0.52498	Lr	LinStatic	0	0.	0.	-1790.66	-0.44
349	0.52498	Lr	LinStatic	1	-0.0075	0.	1687.59	0.
349	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	831.9	-25.14
349	0.52498	Lr	LinStatic	3	-0.005303	0.005303	505.76	24.71
349	0.52498	Lr	LinStatic	4	0.	-0.0075	-1560.04	-35.69
349	0.52498	Lr	LinStatic	5	0.	0.0075	-2021.27	34.81
349	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-4087.07	-25.14
349	0.52498	Lr	LinStatic	7	0.005303	0.005303	-4413.21	24.71
349	0.52498	Lr	LinStatic	8	0.0075	0.	-5268.9	0.
349	0.	Le	LinStatic	0	0.	0.	-802.31	-0.2
349	0.	Le	LinStatic	1	-0.0075	0.	714.99	0.
349	0.	Le	LinStatic	2	-0.005303	-0.005303	257.17	-11.27
349	0.	Le	LinStatic	3	-0.005303	0.005303	284.	11.07
349	0.	Le	LinStatic	4	0.	-0.0075	-821.28	-15.99
349	0.	Le	LinStatic	5	0.	0.0075	-783.34	15.6
349	0.	Le	LinStatic	6	0.005303	-0.005303	-1888.61	-11.27
349	0.	Le	LinStatic	7	0.005303	0.005303	-1861.78	11.07
349	0.	Le	LinStatic	8	0.0075	0.	-2319.6	0.
349	0.26249	Le	LinStatic	0	0.	0.	-802.31	-0.2
349	0.26249	Le	LinStatic	1	-0.0075	0.	735.56	0.
349	0.26249	Le	LinStatic	2	-0.005303	-0.005303	314.95	-11.27
349	0.26249	Le	LinStatic	3	-0.005303	0.005303	255.3	11.07
349	0.26249	Le	LinStatic	4	0.	-0.0075	-760.13	-15.99
349	0.26249	Le	LinStatic	5	0.	0.0075	-844.48	15.6
349	0.26249	Le	LinStatic	6	0.005303	-0.005303	-1859.92	-11.27
349	0.26249	Le	LinStatic	7	0.005303	0.005303	-1919.56	11.07
349	0.26249	Le	LinStatic	8	0.0075	0.	-2340.17	0.
349	0.52498	Le	LinStatic	0	0.	0.	-802.31	-0.2
349	0.52498	Le	LinStatic	1	-0.0075	0.	756.13	0.
349	0.52498	Le	LinStatic	2	-0.005303	-0.005303	372.74	-11.27
349	0.52498	Le	LinStatic	3	-0.005303	0.005303	226.61	11.07
349	0.52498	Le	LinStatic	4	0.	-0.0075	-698.98	-15.99
349	0.52498	Le	LinStatic	5	0.	0.0075	-905.63	15.6
349	0.52498	Le	LinStatic	6	0.005303	-0.005303	-1831.22	-11.27
349	0.52498	Le	LinStatic	7	0.005303	0.005303	-1977.35	11.07
349	0.52498	Le	LinStatic	8	0.0075	0.	-2360.74	0.
34A	0.	DEAD	LinStatic	0	0.	0.	7175.45	-19.65
34A	0.	DEAD	LinStatic	1	-0.0075	0.	9900.85	0.
34A	0.	DEAD	LinStatic	2	-0.005303	-0.005303	9116.85	2.93
34A	0.	DEAD	LinStatic	3	-0.005303	0.005303	9088.35	-22.58
34A	0.	DEAD	LinStatic	4	0.	-0.0075	7195.59	-1.61
34A	0.	DEAD	LinStatic	5	0.	0.0075	7155.3	-37.68
34A	0.	DEAD	LinStatic	6	0.005303	-0.005303	5262.54	2.93
34A	0.	DEAD	LinStatic	7	0.005303	0.005303	5234.05	-22.58
34A	0.	DEAD	LinStatic	8	0.0075	0.	4450.04	0.
34A	0.26249	DEAD	LinStatic	0	0.	0.	7188.53	0.88
34A	0.26249	DEAD	LinStatic	1	-0.0075	0.	10899.13	0.
34A	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	9780.64	13.19
34A	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	9844.	-12.31
34A	0.26249	DEAD	LinStatic	4	0.	-0.0075	7143.73	18.92
34A	0.26249	DEAD	LinStatic	5	0.	0.0075	7233.33	-17.16

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34A	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	4533.06	13.19
34A	0.26249	DEAD	LinStatic	7	0.005303	0.005303	4596.42	-12.31
34A	0.26249	DEAD	LinStatic	8	0.0075	0.	3477.93	0.
34A	0.52498	DEAD	LinStatic	0	0.	0.	7201.62	21.41
34A	0.52498	DEAD	LinStatic	1	-0.0075	0.	9742.27	0.
34A	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	8920.53	23.46
34A	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	9075.73	-2.05
34A	0.52498	DEAD	LinStatic	4	0.	-0.0075	7091.87	39.44
34A	0.52498	DEAD	LinStatic	5	0.	0.0075	7311.36	3.37
34A	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	5327.5	23.46
34A	0.52498	DEAD	LinStatic	7	0.005303	0.005303	5482.7	-2.05
34A	0.52498	DEAD	LinStatic	8	0.0075	0.	4660.96	0.
34A	0.	Lr	LinStatic	0	0.	0.	7113.12	0.85
34A	0.	Lr	LinStatic	1	-0.0075	0.	10514.21	0.
34A	0.	Lr	LinStatic	2	-0.005303	-0.005303	9536.38	12.69
34A	0.	Lr	LinStatic	3	-0.005303	0.005303	9499.73	-11.84
34A	0.	Lr	LinStatic	4	0.	-0.0075	7139.04	18.19
34A	0.	Lr	LinStatic	5	0.	0.0075	7087.2	-16.49
34A	0.	Lr	LinStatic	6	0.005303	-0.005303	4726.52	12.69
34A	0.	Lr	LinStatic	7	0.005303	0.005303	4689.86	-11.84
34A	0.	Lr	LinStatic	8	0.0075	0.	3712.04	0.
34A	0.26249	Lr	LinStatic	0	0.	0.	7113.12	0.85
34A	0.26249	Lr	LinStatic	1	-0.0075	0.	10425.15	0.
34A	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	9425.35	12.69
34A	0.26249	Lr	LinStatic	3	-0.005303	0.005303	9484.81	-11.84
34A	0.26249	Lr	LinStatic	4	0.	-0.0075	7071.08	18.19
34A	0.26249	Lr	LinStatic	5	0.	0.0075	7155.17	-16.49
34A	0.26249	Lr	LinStatic	6	0.005303	-0.005303	4741.43	12.69
34A	0.26249	Lr	LinStatic	7	0.005303	0.005303	4800.9	-11.84
34A	0.26249	Lr	LinStatic	8	0.0075	0.	3801.09	0.
34A	0.52498	Lr	LinStatic	0	0.	0.	7113.12	0.85
34A	0.52498	Lr	LinStatic	1	-0.0075	0.	10336.09	0.
34A	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	9314.32	12.69
34A	0.52498	Lr	LinStatic	3	-0.005303	0.005303	9469.9	-11.84
34A	0.52498	Lr	LinStatic	4	0.	-0.0075	7003.11	18.19
34A	0.52498	Lr	LinStatic	5	0.	0.0075	7223.13	-16.49
34A	0.52498	Lr	LinStatic	6	0.005303	-0.005303	4756.35	12.69
34A	0.52498	Lr	LinStatic	7	0.005303	0.005303	4911.93	-11.84
34A	0.52498	Lr	LinStatic	8	0.0075	0.	3890.15	0.
34A	0.	Le	LinStatic	0	0.	0.	3187.05	0.38
34A	0.	Le	LinStatic	1	-0.0075	0.	4710.91	0.
34A	0.	Le	LinStatic	2	-0.005303	-0.005303	4272.8	5.68
34A	0.	Le	LinStatic	3	-0.005303	0.005303	4256.37	-5.3
34A	0.	Le	LinStatic	4	0.	-0.0075	3198.66	8.15
34A	0.	Le	LinStatic	5	0.	0.0075	3175.43	-7.39
34A	0.	Le	LinStatic	6	0.005303	-0.005303	2117.73	5.68
34A	0.	Le	LinStatic	7	0.005303	0.005303	2101.3	-5.3
34A	0.	Le	LinStatic	8	0.0075	0.	1663.18	0.
34A	0.26249	Le	LinStatic	0	0.	0.	3187.05	0.38
34A	0.26249	Le	LinStatic	1	-0.0075	0.	4671.01	0.
34A	0.26249	Le	LinStatic	2	-0.005303	-0.005303	4223.05	5.68
34A	0.26249	Le	LinStatic	3	-0.005303	0.005303	4249.69	-5.3
34A	0.26249	Le	LinStatic	4	0.	-0.0075	3168.21	8.15
34A	0.26249	Le	LinStatic	5	0.	0.0075	3205.89	-7.39

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34A	0.26249	Le	LinStatic	6	0.005303	-0.005303	2124.41	5.68
34A	0.26249	Le	LinStatic	7	0.005303	0.005303	2151.05	-5.3
34A	0.26249	Le	LinStatic	8	0.0075	0.	1703.09	0.
34A	0.52498	Le	LinStatic	0	0.	0.	3187.05	0.38
34A	0.52498	Le	LinStatic	1	-0.0075	0.	4631.11	0.
34A	0.52498	Le	LinStatic	2	-0.005303	-0.005303	4173.3	5.68
34A	0.52498	Le	LinStatic	3	-0.005303	0.005303	4243.01	-5.3
34A	0.52498	Le	LinStatic	4	0.	-0.0075	3137.76	8.15
34A	0.52498	Le	LinStatic	5	0.	0.0075	3236.34	-7.39
34A	0.52498	Le	LinStatic	6	0.005303	-0.005303	2131.09	5.68
34A	0.52498	Le	LinStatic	7	0.005303	0.005303	2200.8	-5.3
34A	0.52498	Le	LinStatic	8	0.0075	0.	1742.99	0.
34B	0.	DEAD	LinStatic	0	0.	0.	-12613.33	-22.81
34B	0.	DEAD	LinStatic	1	-0.0075	0.	-10520.51	0.
34B	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-11770.03	-27.65
34B	0.	DEAD	LinStatic	3	-0.005303	0.005303	-10496.93	4.84
34B	0.	DEAD	LinStatic	4	0.	-0.0075	-13513.54	-45.78
34B	0.	DEAD	LinStatic	5	0.	0.0075	-11713.12	0.16
34B	0.	DEAD	LinStatic	6	0.005303	-0.005303	-14729.72	-27.65
34B	0.	DEAD	LinStatic	7	0.005303	0.005303	-13456.63	4.84
34B	0.	DEAD	LinStatic	8	0.0075	0.	-14706.15	0.
34B	0.26249	DEAD	LinStatic	0	0.	0.	-12600.24	-2.28
34B	0.26249	DEAD	LinStatic	1	-0.0075	0.	-9190.15	0.
34B	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-10191.5	-17.38
34B	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-10186.39	15.1
34B	0.26249	DEAD	LinStatic	4	0.	-0.0075	-12603.85	-25.25
34B	0.26249	DEAD	LinStatic	5	0.	0.0075	-12596.63	20.69
34B	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-15014.1	-17.38
34B	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-15008.99	15.1
34B	0.26249	DEAD	LinStatic	8	0.0075	0.	-16010.34	0.
34B	0.52498	DEAD	LinStatic	0	0.	0.	-12587.16	18.24
34B	0.52498	DEAD	LinStatic	1	-0.0075	0.	-10014.94	0.
34B	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-10136.88	-7.12
34B	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-11399.77	25.36
34B	0.52498	DEAD	LinStatic	4	0.	-0.0075	-11694.16	-4.73
34B	0.52498	DEAD	LinStatic	5	0.	0.0075	-13480.15	41.21
34B	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-13774.55	-7.12
34B	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-15037.44	25.36
34B	0.52498	DEAD	LinStatic	8	0.0075	0.	-15159.38	0.
34B	0.	Lr	LinStatic	0	0.	0.	-12463.7	-2.24
34B	0.	Lr	LinStatic	1	-0.0075	0.	-9681.44	0.
34B	0.	Lr	LinStatic	2	-0.005303	-0.005303	-11120.5	-17.74
34B	0.	Lr	LinStatic	3	-0.005303	0.005303	-9872.2	15.5
34B	0.	Lr	LinStatic	4	0.	-0.0075	-13346.39	-25.74
34B	0.	Lr	LinStatic	5	0.	0.0075	-11581.02	21.26
34B	0.	Lr	LinStatic	6	0.005303	-0.005303	-15055.21	-17.74
34B	0.	Lr	LinStatic	7	0.005303	0.005303	-13806.91	15.5
34B	0.	Lr	LinStatic	8	0.0075	0.	-15245.97	0.
34B	0.26249	Lr	LinStatic	0	0.	0.	-12463.7	-2.24
34B	0.26249	Lr	LinStatic	1	-0.0075	0.	-9446.47	0.
34B	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-10331.32	-17.74
34B	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-10329.08	15.5
34B	0.26249	Lr	LinStatic	4	0.	-0.0075	-12465.28	-25.74
34B	0.26249	Lr	LinStatic	5	0.	0.0075	-12462.13	21.26

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34B	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-14598.32	-17.74
34B	0.26249	Lr	LinStatic	7	0.005303	0.005303	-14596.09	15.5
34B	0.26249	Lr	LinStatic	8	0.0075	0.	-15480.93	0.
34B	0.52498	Lr	LinStatic	0	0.	0.	-12463.7	-2.24
34B	0.52498	Lr	LinStatic	1	-0.0075	0.	-9211.5	0.
34B	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-9542.13	-17.74
34B	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-10785.97	15.5
34B	0.52498	Lr	LinStatic	4	0.	-0.0075	-11584.17	-25.74
34B	0.52498	Lr	LinStatic	5	0.	0.0075	-13343.24	21.26
34B	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-14141.43	-17.74
34B	0.52498	Lr	LinStatic	7	0.005303	0.005303	-15385.28	15.5
34B	0.52498	Lr	LinStatic	8	0.0075	0.	-15715.9	0.
34B	0.	Le	LinStatic	0	0.	0.	-5584.39	-1.
34B	0.	Le	LinStatic	1	-0.0075	0.	-4337.79	0.
34B	0.	Le	LinStatic	2	-0.005303	-0.005303	-4982.56	-7.95
34B	0.	Le	LinStatic	3	-0.005303	0.005303	-4423.26	6.94
34B	0.	Le	LinStatic	4	0.	-0.0075	-5979.88	-11.53
34B	0.	Le	LinStatic	5	0.	0.0075	-5188.9	9.53
34B	0.	Le	LinStatic	6	0.005303	-0.005303	-6745.52	-7.95
34B	0.	Le	LinStatic	7	0.005303	0.005303	-6186.21	6.94
34B	0.	Le	LinStatic	8	0.0075	0.	-6830.98	0.
34B	0.26249	Le	LinStatic	0	0.	0.	-5584.39	-1.
34B	0.26249	Le	LinStatic	1	-0.0075	0.	-4232.51	0.
34B	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-4628.97	-7.95
34B	0.26249	Le	LinStatic	3	-0.005303	0.005303	-4627.97	6.94
34B	0.26249	Le	LinStatic	4	0.	-0.0075	-5585.09	-11.53
34B	0.26249	Le	LinStatic	5	0.	0.0075	-5583.68	9.53
34B	0.26249	Le	LinStatic	6	0.005303	-0.005303	-6540.81	-7.95
34B	0.26249	Le	LinStatic	7	0.005303	0.005303	-6539.81	6.94
34B	0.26249	Le	LinStatic	8	0.0075	0.	-6936.26	0.
34B	0.52498	Le	LinStatic	0	0.	0.	-5584.39	-1.
34B	0.52498	Le	LinStatic	1	-0.0075	0.	-4127.23	0.
34B	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-4275.37	-7.95
34B	0.52498	Le	LinStatic	3	-0.005303	0.005303	-4832.68	6.94
34B	0.52498	Le	LinStatic	4	0.	-0.0075	-5190.31	-11.53
34B	0.52498	Le	LinStatic	5	0.	0.0075	-5978.46	9.53
34B	0.52498	Le	LinStatic	6	0.005303	-0.005303	-6336.1	-7.95
34B	0.52498	Le	LinStatic	7	0.005303	0.005303	-6893.4	6.94
34B	0.52498	Le	LinStatic	8	0.0075	0.	-7041.54	0.
34C	0.	DEAD	LinStatic	0	0.	0.	17982.84	-17.8
34C	0.	DEAD	LinStatic	1	-0.0075	0.	20212.97	0.
34C	0.	DEAD	LinStatic	2	-0.005303	-0.005303	19538.8	7.07
34C	0.	DEAD	LinStatic	3	-0.005303	0.005303	19580.75	-24.87
34C	0.	DEAD	LinStatic	4	0.	-0.0075	17953.17	4.79
34C	0.	DEAD	LinStatic	5	0.	0.0075	18012.5	-40.38
34C	0.	DEAD	LinStatic	6	0.005303	-0.005303	16384.92	7.07
34C	0.	DEAD	LinStatic	7	0.005303	0.005303	16426.88	-24.87
34C	0.	DEAD	LinStatic	8	0.0075	0.	15752.71	0.
34C	0.26249	DEAD	LinStatic	0	0.	0.	17995.92	2.73
34C	0.26249	DEAD	LinStatic	1	-0.0075	0.	21017.15	0.
34C	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	20043.26	17.33
34C	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	20221.25	-14.61
34C	0.26249	DEAD	LinStatic	4	0.	-0.0075	17870.07	25.31
34C	0.26249	DEAD	LinStatic	5	0.	0.0075	18121.78	-19.86

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34C	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	15770.6	17.33
34C	0.26249	DEAD	LinStatic	7	0.005303	0.005303	15948.59	-14.61
34C	0.26249	DEAD	LinStatic	8	0.0075	0.	14974.7	0.
34C	0.52498	DEAD	LinStatic	0	0.	0.	18009.01	23.25
34C	0.52498	DEAD	LinStatic	1	-0.0075	0.	19666.19	0.
34C	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	19023.81	27.6
34C	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	19337.83	-4.34
34C	0.52498	DEAD	LinStatic	4	0.	-0.0075	17786.96	45.84
34C	0.52498	DEAD	LinStatic	5	0.	0.0075	18231.06	0.67
34C	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	16680.19	27.6
34C	0.52498	DEAD	LinStatic	7	0.005303	0.005303	16994.21	-4.34
34C	0.52498	DEAD	LinStatic	8	0.0075	0.	16351.83	0.
34C	0.	Lr	LinStatic	0	0.	0.	17796.55	2.68
34C	0.	Lr	LinStatic	1	-0.0075	0.	20707.72	0.
34C	0.	Lr	LinStatic	2	-0.005303	-0.005303	19839.79	16.99
34C	0.	Lr	LinStatic	3	-0.005303	0.005303	19870.33	-14.32
34C	0.	Lr	LinStatic	4	0.	-0.0075	17774.95	24.81
34C	0.	Lr	LinStatic	5	0.	0.0075	17818.15	-19.46
34C	0.	Lr	LinStatic	6	0.005303	-0.005303	15722.76	16.99
34C	0.	Lr	LinStatic	7	0.005303	0.005303	15753.31	-14.32
34C	0.	Lr	LinStatic	8	0.0075	0.	14885.37	0.
34C	0.26249	Lr	LinStatic	0	0.	0.	17796.55	2.68
34C	0.26249	Lr	LinStatic	1	-0.0075	0.	20426.76	0.
34C	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	19570.52	16.99
34C	0.26249	Lr	LinStatic	3	-0.005303	0.005303	19742.26	-14.32
34C	0.26249	Lr	LinStatic	4	0.	-0.0075	17675.11	24.81
34C	0.26249	Lr	LinStatic	5	0.	0.0075	17917.99	-19.46
34C	0.26249	Lr	LinStatic	6	0.005303	-0.005303	15850.83	16.99
34C	0.26249	Lr	LinStatic	7	0.005303	0.005303	16022.57	-14.32
34C	0.26249	Lr	LinStatic	8	0.0075	0.	15166.33	0.
34C	0.52498	Lr	LinStatic	0	0.	0.	17796.55	2.68
34C	0.52498	Lr	LinStatic	1	-0.0075	0.	20145.81	0.
34C	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	19301.26	16.99
34C	0.52498	Lr	LinStatic	3	-0.005303	0.005303	19614.19	-14.32
34C	0.52498	Lr	LinStatic	4	0.	-0.0075	17575.27	24.81
34C	0.52498	Lr	LinStatic	5	0.	0.0075	18017.83	-19.46
34C	0.52498	Lr	LinStatic	6	0.005303	-0.005303	15978.9	16.99
34C	0.52498	Lr	LinStatic	7	0.005303	0.005303	16291.84	-14.32
34C	0.52498	Lr	LinStatic	8	0.0075	0.	15447.29	0.
34C	0.	Le	LinStatic	0	0.	0.	7973.78	1.2
34C	0.	Le	LinStatic	1	-0.0075	0.	9278.14	0.
34C	0.	Le	LinStatic	2	-0.005303	-0.005303	8889.25	7.61
34C	0.	Le	LinStatic	3	-0.005303	0.005303	8902.94	-6.41
34C	0.	Le	LinStatic	4	0.	-0.0075	7964.1	11.12
34C	0.	Le	LinStatic	5	0.	0.0075	7983.46	-8.72
34C	0.	Le	LinStatic	6	0.005303	-0.005303	7044.61	7.61
34C	0.	Le	LinStatic	7	0.005303	0.005303	7058.3	-6.41
34C	0.	Le	LinStatic	8	0.0075	0.	6669.42	0.
34C	0.26249	Le	LinStatic	0	0.	0.	7973.78	1.2
34C	0.26249	Le	LinStatic	1	-0.0075	0.	9152.25	0.
34C	0.26249	Le	LinStatic	2	-0.005303	-0.005303	8768.61	7.61
34C	0.26249	Le	LinStatic	3	-0.005303	0.005303	8845.56	-6.41
34C	0.26249	Le	LinStatic	4	0.	-0.0075	7919.37	11.12
34C	0.26249	Le	LinStatic	5	0.	0.0075	8028.19	-8.72

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34C	0.26249	Le	LinStatic	6	0.005303	-0.005303	7102.	7.61
34C	0.26249	Le	LinStatic	7	0.005303	0.005303	7178.95	-6.41
34C	0.26249	Le	LinStatic	8	0.0075	0.	6795.3	0.
34C	0.52498	Le	LinStatic	0	0.	0.	7973.78	1.2
34C	0.52498	Le	LinStatic	1	-0.0075	0.	9026.37	0.
34C	0.52498	Le	LinStatic	2	-0.005303	-0.005303	8647.97	7.61
34C	0.52498	Le	LinStatic	3	-0.005303	0.005303	8788.18	-6.41
34C	0.52498	Le	LinStatic	4	0.	-0.0075	7874.63	11.12
34C	0.52498	Le	LinStatic	5	0.	0.0075	8072.92	-8.72
34C	0.52498	Le	LinStatic	6	0.005303	-0.005303	7159.38	7.61
34C	0.52498	Le	LinStatic	7	0.005303	0.005303	7299.59	-6.41
34C	0.52498	Le	LinStatic	8	0.0075	0.	6921.19	0.
34D	0.	DEAD	LinStatic	0	0.	0.	-23409.32	-24.97
34D	0.	DEAD	LinStatic	1	-0.0075	0.	-22582.87	0.
34D	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-24172.2	-19.52
34D	0.	DEAD	LinStatic	3	-0.005303	0.005303	-21477.66	-5.44
34D	0.	DEAD	LinStatic	4	0.	-0.0075	-25314.64	-34.92
34D	0.	DEAD	LinStatic	5	0.	0.0075	-21503.99	-15.01
34D	0.	DEAD	LinStatic	6	0.005303	-0.005303	-25340.97	-19.52
34D	0.	DEAD	LinStatic	7	0.005303	0.005303	-22646.43	-5.44
34D	0.	DEAD	LinStatic	8	0.0075	0.	-24235.76	0.
34D	0.26249	DEAD	LinStatic	0	0.	0.	-23396.23	-4.44
34D	0.26249	DEAD	LinStatic	1	-0.0075	0.	-21025.95	0.
34D	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-21840.14	-9.26
34D	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-21600.24	4.82
34D	0.26249	DEAD	LinStatic	4	0.	-0.0075	-23565.86	-14.4
34D	0.26249	DEAD	LinStatic	5	0.	0.0075	-23226.6	5.52
34D	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-25192.22	-9.26
34D	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-24952.32	4.82
34D	0.26249	DEAD	LinStatic	8	0.0075	0.	-25766.51	0.
34D	0.52498	DEAD	LinStatic	0	0.	0.	-23383.14	16.09
34D	0.52498	DEAD	LinStatic	1	-0.0075	0.	-21624.18	0.
34D	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-21032.	1.
34D	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-23246.74	15.08
34D	0.52498	DEAD	LinStatic	4	0.	-0.0075	-21817.08	6.13
34D	0.52498	DEAD	LinStatic	5	0.	0.0075	-24949.21	26.04
34D	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-23519.55	1.
34D	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-25734.29	15.08
34D	0.52498	DEAD	LinStatic	8	0.0075	0.	-25142.11	0.
34D	0.	Lr	LinStatic	0	0.	0.	-23135.74	-4.37
34D	0.	Lr	LinStatic	1	-0.0075	0.	-21605.05	0.
34D	0.	Lr	LinStatic	2	-0.005303	-0.005303	-23377.76	-10.16
34D	0.	Lr	LinStatic	3	-0.005303	0.005303	-20728.99	5.8
34D	0.	Lr	LinStatic	4	0.	-0.0075	-25008.7	-15.65
34D	0.	Lr	LinStatic	5	0.	0.0075	-21262.77	6.92
34D	0.	Lr	LinStatic	6	0.005303	-0.005303	-25542.48	-10.16
34D	0.	Lr	LinStatic	7	0.005303	0.005303	-22893.71	5.8
34D	0.	Lr	LinStatic	8	0.0075	0.	-24666.42	0.
34D	0.26249	Lr	LinStatic	0	0.	0.	-23135.74	-4.37
34D	0.26249	Lr	LinStatic	1	-0.0075	0.	-21146.72	0.
34D	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-21845.7	-10.16
34D	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-21612.88	5.8
34D	0.26249	Lr	LinStatic	4	0.	-0.0075	-23300.37	-15.65
34D	0.26249	Lr	LinStatic	5	0.	0.0075	-22971.11	6.92

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34D	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-24658.6	-10.16
34D	0.26249	Lr	LinStatic	7	0.005303	0.005303	-24425.78	5.8
34D	0.26249	Lr	LinStatic	8	0.0075	0.	-25124.76	0.
34D	0.52498	Lr	LinStatic	0	0.	0.	-23135.74	-4.37
34D	0.52498	Lr	LinStatic	1	-0.0075	0.	-20688.38	0.
34D	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-20313.63	-10.16
34D	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-22496.76	5.8
34D	0.52498	Lr	LinStatic	4	0.	-0.0075	-21592.03	-15.65
34D	0.52498	Lr	LinStatic	5	0.	0.0075	-24679.44	6.92
34D	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-23774.72	-10.16
34D	0.52498	Lr	LinStatic	7	0.005303	0.005303	-25957.84	5.8
34D	0.52498	Lr	LinStatic	8	0.0075	0.	-25583.09	0.
34D	0.	Le	LinStatic	0	0.	0.	-10366.01	-1.96
34D	0.	Le	LinStatic	1	-0.0075	0.	-9680.19	0.
34D	0.	Le	LinStatic	2	-0.005303	-0.005303	-10474.45	-4.55
34D	0.	Le	LinStatic	3	-0.005303	0.005303	-9287.67	2.6
34D	0.	Le	LinStatic	4	0.	-0.0075	-11205.2	-7.01
34D	0.	Le	LinStatic	5	0.	0.0075	-9526.83	3.1
34D	0.	Le	LinStatic	6	0.005303	-0.005303	-11444.36	-4.55
34D	0.	Le	LinStatic	7	0.005303	0.005303	-10257.57	2.6
34D	0.	Le	LinStatic	8	0.0075	0.	-11051.84	0.
34D	0.26249	Le	LinStatic	0	0.	0.	-10366.01	-1.96
34D	0.26249	Le	LinStatic	1	-0.0075	0.	-9474.83	0.
34D	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-9788.01	-4.55
34D	0.26249	Le	LinStatic	3	-0.005303	0.005303	-9683.69	2.6
34D	0.26249	Le	LinStatic	4	0.	-0.0075	-10439.77	-7.01
34D	0.26249	Le	LinStatic	5	0.	0.0075	-10292.25	3.1
34D	0.26249	Le	LinStatic	6	0.005303	-0.005303	-11048.33	-4.55
34D	0.26249	Le	LinStatic	7	0.005303	0.005303	-10944.02	2.6
34D	0.26249	Le	LinStatic	8	0.0075	0.	-11257.2	0.
34D	0.52498	Le	LinStatic	0	0.	0.	-10366.01	-1.96
34D	0.52498	Le	LinStatic	1	-0.0075	0.	-9269.47	0.
34D	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-9101.56	-4.55
34D	0.52498	Le	LinStatic	3	-0.005303	0.005303	-10079.72	2.6
34D	0.52498	Le	LinStatic	4	0.	-0.0075	-9674.35	-7.01
34D	0.52498	Le	LinStatic	5	0.	0.0075	-11057.67	3.1
34D	0.52498	Le	LinStatic	6	0.005303	-0.005303	-10652.31	-4.55
34D	0.52498	Le	LinStatic	7	0.005303	0.005303	-11630.46	2.6
34D	0.52498	Le	LinStatic	8	0.0075	0.	-11462.55	0.
34E	0.	DEAD	LinStatic	0	0.	0.	28824.66	-19.26
34E	0.	DEAD	LinStatic	1	-0.0075	0.	29751.66	0.
34E	0.	DEAD	LinStatic	2	-0.005303	-0.005303	29440.78	4.61
34E	0.	DEAD	LinStatic	3	-0.005303	0.005303	29519.52	-23.86
34E	0.	DEAD	LinStatic	4	0.	-0.0075	28768.99	0.87
34E	0.	DEAD	LinStatic	5	0.	0.0075	28880.34	-39.39
34E	0.	DEAD	LinStatic	6	0.005303	-0.005303	28129.81	4.61
34E	0.	DEAD	LinStatic	7	0.005303	0.005303	28208.54	-23.86
34E	0.	DEAD	LinStatic	8	0.0075	0.	27897.66	0.
34E	0.26249	DEAD	LinStatic	0	0.	0.	28837.75	1.27
34E	0.26249	DEAD	LinStatic	1	-0.0075	0.	30709.25	0.
34E	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	29761.77	14.87
34E	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	30560.43	-13.6
34E	0.26249	DEAD	LinStatic	4	0.	-0.0075	28273.01	21.4
34E	0.26249	DEAD	LinStatic	5	0.	0.0075	29402.49	-18.86

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34E	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	27115.07	14.87
34E	0.26249	DEAD	LinStatic	7	0.005303	0.005303	27913.73	-13.6
34E	0.26249	DEAD	LinStatic	8	0.0075	0.	26966.25	0.
34E	0.52498	DEAD	LinStatic	0	0.	0.	28850.83	21.79
34E	0.52498	DEAD	LinStatic	1	-0.0075	0.	29511.68	0.
34E	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	28558.83	25.13
34E	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	30077.42	-3.34
34E	0.52498	DEAD	LinStatic	4	0.	-0.0075	27777.03	41.92
34E	0.52498	DEAD	LinStatic	5	0.	0.0075	29924.64	1.66
34E	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	27624.25	25.13
34E	0.52498	DEAD	LinStatic	7	0.005303	0.005303	29142.83	-3.34
34E	0.52498	DEAD	LinStatic	8	0.0075	0.	28189.98	0.
34E	0.	Lr	LinStatic	0	0.	0.	28499.47	1.19
34E	0.	Lr	LinStatic	1	-0.0075	0.	30118.51	0.
34E	0.	Lr	LinStatic	2	-0.005303	-0.005303	29611.94	13.93
34E	0.	Lr	LinStatic	3	-0.005303	0.005303	29676.67	-12.74
34E	0.	Lr	LinStatic	4	0.	-0.0075	28453.7	20.05
34E	0.	Lr	LinStatic	5	0.	0.0075	28545.24	-17.66
34E	0.	Lr	LinStatic	6	0.005303	-0.005303	27322.28	13.93
34E	0.	Lr	LinStatic	7	0.005303	0.005303	27387.	-12.74
34E	0.	Lr	LinStatic	8	0.0075	0.	26880.43	0.
34E	0.26249	Lr	LinStatic	0	0.	0.	28499.47	1.19
34E	0.26249	Lr	LinStatic	1	-0.0075	0.	29993.3	0.
34E	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	29154.31	13.93
34E	0.26249	Lr	LinStatic	3	-0.005303	0.005303	29957.23	-12.74
34E	0.26249	Lr	LinStatic	4	0.	-0.0075	27931.72	20.05
34E	0.26249	Lr	LinStatic	5	0.	0.0075	29067.23	-17.66
34E	0.26249	Lr	LinStatic	6	0.005303	-0.005303	27041.71	13.93
34E	0.26249	Lr	LinStatic	7	0.005303	0.005303	27844.64	-12.74
34E	0.26249	Lr	LinStatic	8	0.0075	0.	27005.64	0.
34E	0.52498	Lr	LinStatic	0	0.	0.	28499.47	1.19
34E	0.52498	Lr	LinStatic	1	-0.0075	0.	29868.1	0.
34E	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	28696.67	13.93
34E	0.52498	Lr	LinStatic	3	-0.005303	0.005303	30237.8	-12.74
34E	0.52498	Lr	LinStatic	4	0.	-0.0075	27409.73	20.05
34E	0.52498	Lr	LinStatic	5	0.	0.0075	29589.22	-17.66
34E	0.52498	Lr	LinStatic	6	0.005303	-0.005303	26761.14	13.93
34E	0.52498	Lr	LinStatic	7	0.005303	0.005303	28302.27	-12.74
34E	0.52498	Lr	LinStatic	8	0.0075	0.	27130.84	0.
34E	0.	Le	LinStatic	0	0.	0.	12769.24	0.53
34E	0.	Le	LinStatic	1	-0.0075	0.	13494.66	0.
34E	0.	Le	LinStatic	2	-0.005303	-0.005303	13267.69	6.24
34E	0.	Le	LinStatic	3	-0.005303	0.005303	13296.69	-5.71
34E	0.	Le	LinStatic	4	0.	-0.0075	12748.74	8.98
34E	0.	Le	LinStatic	5	0.	0.0075	12789.75	-7.91
34E	0.	Le	LinStatic	6	0.005303	-0.005303	12241.8	6.24
34E	0.	Le	LinStatic	7	0.005303	0.005303	12270.8	-5.71
34E	0.	Le	LinStatic	8	0.0075	0.	12043.83	0.
34E	0.26249	Le	LinStatic	0	0.	0.	12769.24	0.53
34E	0.26249	Le	LinStatic	1	-0.0075	0.	13438.56	0.
34E	0.26249	Le	LinStatic	2	-0.005303	-0.005303	13062.64	6.24
34E	0.26249	Le	LinStatic	3	-0.005303	0.005303	13422.4	-5.71
34E	0.26249	Le	LinStatic	4	0.	-0.0075	12514.86	8.98
34E	0.26249	Le	LinStatic	5	0.	0.0075	13023.63	-7.91

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
34E	0.26249	Le	LinStatic	6	0.005303	-0.005303	12116.09	6.24
34E	0.26249	Le	LinStatic	7	0.005303	0.005303	12475.84	-5.71
34E	0.26249	Le	LinStatic	8	0.0075	0.	12099.93	0.
34E	0.52498	Le	LinStatic	0	0.	0.	12769.24	0.53
34E	0.52498	Le	LinStatic	1	-0.0075	0.	13382.46	0.
34E	0.52498	Le	LinStatic	2	-0.005303	-0.005303	12857.6	6.24
34E	0.52498	Le	LinStatic	3	-0.005303	0.005303	13548.11	-5.71
34E	0.52498	Le	LinStatic	4	0.	-0.0075	12280.98	8.98
34E	0.52498	Le	LinStatic	5	0.	0.0075	13257.51	-7.91
34E	0.52498	Le	LinStatic	6	0.005303	-0.005303	11990.38	6.24
34E	0.52498	Le	LinStatic	7	0.005303	0.005303	12680.89	-5.71
34E	0.52498	Le	LinStatic	8	0.0075	0.	12156.03	0.
35C	0.	DEAD	LinStatic	0	0.	0.	-164.31	
35C	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1587.35	
35C	0.	DEAD	LinStatic	2	-0.00753	0.00753	-11763.11	
35C	0.	DEAD	LinStatic	3	0.01747	0.00753	13397.27	
35C	0.17	DEAD	LinStatic	0	0.	0.	-151.22	
35C	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	298.02	
35C	0.17	DEAD	LinStatic	2	-0.00753	0.00753	1305.2	
35C	0.17	DEAD	LinStatic	3	0.01747	0.00753	-2523.31	
35C	0.34	DEAD	LinStatic	0	0.	0.	-138.14	
35C	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-991.3	
35C	0.34	DEAD	LinStatic	2	-0.00753	0.00753	14373.51	
35C	0.34	DEAD	LinStatic	3	0.01747	0.00753	-18443.88	
35C	0.	Lr	LinStatic	0	0.	0.	-200.51	
35C	0.	Lr	LinStatic	1	-0.00753	-0.01747	1538.86	
35C	0.	Lr	LinStatic	2	-0.00753	0.00753	-11675.04	
35C	0.	Lr	LinStatic	3	0.01747	0.00753	13209.28	
35C	0.17	Lr	LinStatic	0	0.	0.	-200.51	
35C	0.17	Lr	LinStatic	1	-0.00753	-0.01747	244.83	
35C	0.17	Lr	LinStatic	2	-0.00753	0.00753	1283.47	
35C	0.17	Lr	LinStatic	3	0.01747	0.00753	-2605.06	
35C	0.34	Lr	LinStatic	0	0.	0.	-200.51	
35C	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-1049.21	
35C	0.34	Lr	LinStatic	2	-0.00753	0.00753	14241.98	
35C	0.34	Lr	LinStatic	3	0.01747	0.00753	-18419.41	
35C	0.	Le	LinStatic	0	0.	0.	-89.84	
35C	0.	Le	LinStatic	1	-0.00753	-0.01747	689.49	
35C	0.	Le	LinStatic	2	-0.00753	0.00753	-5231.02	
35C	0.	Le	LinStatic	3	0.01747	0.00753	5918.44	
35C	0.17	Le	LinStatic	0	0.	0.	-89.84	
35C	0.17	Le	LinStatic	1	-0.00753	-0.01747	109.69	
35C	0.17	Le	LinStatic	2	-0.00753	0.00753	575.06	
35C	0.17	Le	LinStatic	3	0.01747	0.00753	-1167.2	
35C	0.34	Le	LinStatic	0	0.	0.	-89.84	
35C	0.34	Le	LinStatic	1	-0.00753	-0.01747	-470.1	
35C	0.34	Le	LinStatic	2	-0.00753	0.00753	6381.15	
35C	0.34	Le	LinStatic	3	0.01747	0.00753	-8252.85	
35D	0.	DEAD	LinStatic	0	0.	0.	-3755.88	
35D	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-2704.83	
35D	0.	DEAD	LinStatic	2	-0.00753	0.00753	-11204.77	
35D	0.	DEAD	LinStatic	3	0.01747	0.00753	5027.4	
35D	0.17	DEAD	LinStatic	0	0.	0.	-3742.8	
35D	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-4057.16	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
35D	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3742.44	
35D	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3428.9	
35D	0.34	DEAD	LinStatic	0	0.	0.	-3729.71	
35D	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-5409.49	
35D	0.34	DEAD	LinStatic	2	-0.00753	0.00753	3719.88	
35D	0.34	DEAD	LinStatic	3	0.01747	0.00753	-11885.21	
35D	0.	Lr	LinStatic	0	0.	0.	-3797.93	
35D	0.	Lr	LinStatic	1	-0.00753	-0.01747	-2760.6	
35D	0.	Lr	LinStatic	2	-0.00753	0.00753	-11164.98	
35D	0.	Lr	LinStatic	3	0.01747	0.00753	4891.02	
35D	0.17	Lr	LinStatic	0	0.	0.	-3797.93	
35D	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-4108.4	
35D	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3806.13	
35D	0.17	Lr	LinStatic	3	0.01747	0.00753	-3476.65	
35D	0.34	Lr	LinStatic	0	0.	0.	-3797.93	
35D	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-5456.2	
35D	0.34	Lr	LinStatic	2	-0.00753	0.00753	3552.73	
35D	0.34	Lr	LinStatic	3	0.01747	0.00753	-11844.32	
35D	0.	Le	LinStatic	0	0.	0.	-1701.67	
35D	0.	Le	LinStatic	1	-0.00753	-0.01747	-1236.89	
35D	0.	Le	LinStatic	2	-0.00753	0.00753	-5002.49	
35D	0.	Le	LinStatic	3	0.01747	0.00753	2191.43	
35D	0.17	Le	LinStatic	0	0.	0.	-1701.67	
35D	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1840.77	
35D	0.17	Le	LinStatic	2	-0.00753	0.00753	-1705.34	
35D	0.17	Le	LinStatic	3	0.01747	0.00753	-1557.72	
35D	0.34	Le	LinStatic	0	0.	0.	-1701.67	
35D	0.34	Le	LinStatic	1	-0.00753	-0.01747	-2444.66	
35D	0.34	Le	LinStatic	2	-0.00753	0.00753	1591.81	
35D	0.34	Le	LinStatic	3	0.01747	0.00753	-5306.87	
35E	0.	DEAD	LinStatic	0	0.	0.	13.71	
35E	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1324.61	
35E	0.	DEAD	LinStatic	2	-0.00753	0.00753	-6475.12	
35E	0.	DEAD	LinStatic	3	0.01747	0.00753	7269.65	
35E	0.17	DEAD	LinStatic	0	0.	0.	26.8	
35E	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	206.56	
35E	0.17	DEAD	LinStatic	2	-0.00753	0.00753	71.36	
35E	0.17	DEAD	LinStatic	3	0.01747	0.00753	-211.81	
35E	0.34	DEAD	LinStatic	0	0.	0.	39.88	
35E	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-911.48	
35E	0.34	DEAD	LinStatic	2	-0.00753	0.00753	6617.84	
35E	0.34	DEAD	LinStatic	3	0.01747	0.00753	-7693.26	
35E	0.	Lr	LinStatic	0	0.	0.	-27.06	
35E	0.	Lr	LinStatic	1	-0.00753	-0.01747	1272.7	
35E	0.	Lr	LinStatic	2	-0.00753	0.00753	-6455.5	
35E	0.	Lr	LinStatic	3	0.01747	0.00753	7160.27	
35E	0.17	Lr	LinStatic	0	0.	0.	-27.06	
35E	0.17	Lr	LinStatic	1	-0.00753	-0.01747	152.68	
35E	0.17	Lr	LinStatic	2	-0.00753	0.00753	13.28	
35E	0.17	Lr	LinStatic	3	0.01747	0.00753	-260.06	
35E	0.34	Lr	LinStatic	0	0.	0.	-27.06	
35E	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-967.34	
35E	0.34	Lr	LinStatic	2	-0.00753	0.00753	6482.05	
35E	0.34	Lr	LinStatic	3	0.01747	0.00753	-7680.4	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
35E	0.	Le	LinStatic	0	0.	0.	-12.12	
35E	0.	Le	LinStatic	1	-0.00753	-0.01747	570.24	
35E	0.	Le	LinStatic	2	-0.00753	0.00753	-2892.4	
35E	0.	Le	LinStatic	3	0.01747	0.00753	3208.18	
35E	0.17	Le	LinStatic	0	0.	0.	-12.12	
35E	0.17	Le	LinStatic	1	-0.00753	-0.01747	68.41	
35E	0.17	Le	LinStatic	2	-0.00753	0.00753	5.95	
35E	0.17	Le	LinStatic	3	0.01747	0.00753	-116.52	
35E	0.34	Le	LinStatic	0	0.	0.	-12.12	
35E	0.34	Le	LinStatic	1	-0.00753	-0.01747	-433.42	
35E	0.34	Le	LinStatic	2	-0.00753	0.00753	2904.3	
35E	0.34	Le	LinStatic	3	0.01747	0.00753	-3441.22	
35F	0.	DEAD	LinStatic	0	0.	0.	-3690.75	
35F	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-3274.69	
35F	0.	DEAD	LinStatic	2	-0.00753	0.00753	-8369.31	
35F	0.	DEAD	LinStatic	3	0.01747	0.00753	2070.03	
35F	0.17	DEAD	LinStatic	0	0.	0.	-3677.66	
35F	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-4033.38	
35F	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3471.43	
35F	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3594.23	
35F	0.34	DEAD	LinStatic	0	0.	0.	-3664.58	
35F	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-4792.07	
35F	0.34	DEAD	LinStatic	2	-0.00753	0.00753	1426.45	
35F	0.34	DEAD	LinStatic	3	0.01747	0.00753	-9258.48	
35F	0.	Lr	LinStatic	0	0.	0.	-3732.23	
35F	0.	Lr	LinStatic	1	-0.00753	-0.01747	-3319.83	
35F	0.	Lr	LinStatic	2	-0.00753	0.00753	-8367.05	
35F	0.	Lr	LinStatic	3	0.01747	0.00753	1974.47	
35F	0.17	Lr	LinStatic	0	0.	0.	-3732.23	
35F	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-4083.86	
35F	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3530.67	
35F	0.17	Lr	LinStatic	3	0.01747	0.00753	-3646.69	
35F	0.34	Lr	LinStatic	0	0.	0.	-3732.23	
35F	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-4847.88	
35F	0.34	Lr	LinStatic	2	-0.00753	0.00753	1305.7	
35F	0.34	Lr	LinStatic	3	0.01747	0.00753	-9267.86	
35F	0.	Le	LinStatic	0	0.	0.	-1672.23	
35F	0.	Le	LinStatic	1	-0.00753	-0.01747	-1487.46	
35F	0.	Le	LinStatic	2	-0.00753	0.00753	-3748.87	
35F	0.	Le	LinStatic	3	0.01747	0.00753	884.67	
35F	0.17	Le	LinStatic	0	0.	0.	-1672.23	
35F	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1829.78	
35F	0.17	Le	LinStatic	2	-0.00753	0.00753	-1581.92	
35F	0.17	Le	LinStatic	3	0.01747	0.00753	-1633.91	
35F	0.34	Le	LinStatic	0	0.	0.	-1672.23	
35F	0.34	Le	LinStatic	1	-0.00753	-0.01747	-2172.1	
35F	0.34	Le	LinStatic	2	-0.00753	0.00753	585.02	
35F	0.34	Le	LinStatic	3	0.01747	0.00753	-4152.48	
360	0.	DEAD	LinStatic	0	0.	0.	0.16	
360	0.	DEAD	LinStatic	1	-0.00753	-0.01747	384.27	
360	0.	DEAD	LinStatic	2	-0.00753	0.00753	-3112.22	
360	0.	DEAD	LinStatic	3	0.01747	0.00753	3725.16	
360	0.17	DEAD	LinStatic	0	0.	0.	13.25	
360	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-40.51	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
360	0.17	DEAD	LinStatic	2	-0.00753	0.00753	115.99	
360	0.17	DEAD	LinStatic	3	0.01747	0.00753	-68.64	
360	0.34	DEAD	LinStatic	0	0.	0.	26.33	
360	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-465.29	
360	0.34	DEAD	LinStatic	2	-0.00753	0.00753	3344.2	
360	0.34	DEAD	LinStatic	3	0.01747	0.00753	-3862.43	
360	0.	Lr	LinStatic	0	0.	0.	-40.64	
360	0.	Lr	LinStatic	1	-0.00753	-0.01747	339.03	
360	0.	Lr	LinStatic	2	-0.00753	0.00753	-3129.82	
360	0.	Lr	LinStatic	3	0.01747	0.00753	3658.17	
360	0.17	Lr	LinStatic	0	0.	0.	-40.64	
360	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-92.65	
360	0.17	Lr	LinStatic	2	-0.00753	0.00753	56.82	
360	0.17	Lr	LinStatic	3	0.01747	0.00753	-117.29	
360	0.34	Lr	LinStatic	0	0.	0.	-40.64	
360	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-524.33	
360	0.34	Lr	LinStatic	2	-0.00753	0.00753	3243.46	
360	0.34	Lr	LinStatic	3	0.01747	0.00753	-3892.76	
360	0.	Le	LinStatic	0	0.	0.	-18.21	
360	0.	Le	LinStatic	1	-0.00753	-0.01747	151.9	
360	0.	Le	LinStatic	2	-0.00753	0.00753	-1402.32	
360	0.	Le	LinStatic	3	0.01747	0.00753	1639.05	
360	0.17	Le	LinStatic	0	0.	0.	-18.21	
360	0.17	Le	LinStatic	1	-0.00753	-0.01747	-41.51	
360	0.17	Le	LinStatic	2	-0.00753	0.00753	25.46	
360	0.17	Le	LinStatic	3	0.01747	0.00753	-52.55	
360	0.34	Le	LinStatic	0	0.	0.	-18.21	
360	0.34	Le	LinStatic	1	-0.00753	-0.01747	-234.93	
360	0.34	Le	LinStatic	2	-0.00753	0.00753	1453.24	
360	0.34	Le	LinStatic	3	0.01747	0.00753	-1744.16	
361	0.	DEAD	LinStatic	0	0.	0.	-3688.23	
361	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-3573.97	
361	0.	DEAD	LinStatic	2	-0.00753	0.00753	-5508.59	
361	0.	DEAD	LinStatic	3	0.01747	0.00753	-1399.17	
361	0.17	DEAD	LinStatic	0	0.	0.	-3675.14	
361	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3829.31	
361	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3622.9	
361	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3589.95	
361	0.34	DEAD	LinStatic	0	0.	0.	-3662.06	
361	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-4084.66	
361	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-1737.2	
361	0.34	DEAD	LinStatic	3	0.01747	0.00753	-5780.73	
361	0.	Lr	LinStatic	0	0.	0.	-3729.63	
361	0.	Lr	LinStatic	1	-0.00753	-0.01747	-3618.8	
361	0.	Lr	LinStatic	2	-0.00753	0.00753	-5525.85	
361	0.	Lr	LinStatic	3	0.01747	0.00753	-1469.01	
361	0.17	Lr	LinStatic	0	0.	0.	-3729.63	
361	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3883.	
361	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3676.58	
361	0.17	Lr	LinStatic	3	0.01747	0.00753	-3646.3	
361	0.34	Lr	LinStatic	0	0.	0.	-3729.63	
361	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-4147.19	
361	0.34	Lr	LinStatic	2	-0.00753	0.00753	-1827.3	
361	0.34	Lr	LinStatic	3	0.01747	0.00753	-5823.6	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
361	0.	Le	LinStatic	0	0.	0.	-1671.07	
361	0.	Le	LinStatic	1	-0.00753	-0.01747	-1621.41	
361	0.	Le	LinStatic	2	-0.00753	0.00753	-2475.87	
361	0.	Le	LinStatic	3	0.01747	0.00753	-658.19	
361	0.17	Le	LinStatic	0	0.	0.	-1671.07	
361	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1739.78	
361	0.17	Le	LinStatic	2	-0.00753	0.00753	-1647.3	
361	0.17	Le	LinStatic	3	0.01747	0.00753	-1633.73	
361	0.34	Le	LinStatic	0	0.	0.	-1671.07	
361	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1858.16	
361	0.34	Le	LinStatic	2	-0.00753	0.00753	-818.73	
361	0.34	Le	LinStatic	3	0.01747	0.00753	-2609.27	
362	0.	DEAD	LinStatic	0	0.	0.	3.18	
362	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-63.1	
362	0.	DEAD	LinStatic	2	-0.00753	0.00753	-128.8	
362	0.	DEAD	LinStatic	3	0.01747	0.00753	243.7	
362	0.17	DEAD	LinStatic	0	0.	0.	16.27	
362	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-54.15	
362	0.17	DEAD	LinStatic	2	-0.00753	0.00753	65.82	
362	0.17	DEAD	LinStatic	3	0.01747	0.00753	21.25	
362	0.34	DEAD	LinStatic	0	0.	0.	29.35	
362	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-45.21	
362	0.34	DEAD	LinStatic	2	-0.00753	0.00753	260.45	
362	0.34	DEAD	LinStatic	3	0.01747	0.00753	-201.19	
362	0.	Lr	LinStatic	0	0.	0.	-37.43	
362	0.	Lr	LinStatic	1	-0.00753	-0.01747	-101.02	
362	0.	Lr	LinStatic	2	-0.00753	0.00753	-177.86	
362	0.	Lr	LinStatic	3	0.01747	0.00753	211.58	
362	0.17	Lr	LinStatic	0	0.	0.	-37.43	
362	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-107.14	
362	0.17	Lr	LinStatic	2	-0.00753	0.00753	7.97	
362	0.17	Lr	LinStatic	3	0.01747	0.00753	-27.64	
362	0.34	Lr	LinStatic	0	0.	0.	-37.43	
362	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-113.26	
362	0.34	Lr	LinStatic	2	-0.00753	0.00753	193.8	
362	0.34	Lr	LinStatic	3	0.01747	0.00753	-266.87	
362	0.	Le	LinStatic	0	0.	0.	-16.77	
362	0.	Le	LinStatic	1	-0.00753	-0.01747	-45.26	
362	0.	Le	LinStatic	2	-0.00753	0.00753	-79.69	
362	0.	Le	LinStatic	3	0.01747	0.00753	94.8	
362	0.17	Le	LinStatic	0	0.	0.	-16.77	
362	0.17	Le	LinStatic	1	-0.00753	-0.01747	-48.01	
362	0.17	Le	LinStatic	2	-0.00753	0.00753	3.57	
362	0.17	Le	LinStatic	3	0.01747	0.00753	-12.39	
362	0.34	Le	LinStatic	0	0.	0.	-16.77	
362	0.34	Le	LinStatic	1	-0.00753	-0.01747	-50.75	
362	0.34	Le	LinStatic	2	-0.00753	0.00753	86.83	
362	0.34	Le	LinStatic	3	0.01747	0.00753	-119.57	
363	0.	DEAD	LinStatic	0	0.	0.	30584.06	-32.8
363	0.	DEAD	LinStatic	1	-0.0075	0.	30280.92	0.
363	0.	DEAD	LinStatic	2	-0.005303	-0.005303	31968.51	-141.
363	0.	DEAD	LinStatic	3	-0.005303	0.005303	28770.91	108.2
363	0.	DEAD	LinStatic	4	0.	-0.0075	32845.11	-209.01
363	0.	DEAD	LinStatic	5	0.	0.0075	28323.01	143.41

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
363	0.	DEAD	LinStatic	6	0.005303	-0.005303	32397.21	-141.
363	0.	DEAD	LinStatic	7	0.005303	0.005303	29199.61	108.2
363	0.	DEAD	LinStatic	8	0.0075	0.	30887.2	0.
363	0.26249	DEAD	LinStatic	0	0.	0.	30597.14	-12.27
363	0.26249	DEAD	LinStatic	1	-0.0075	0.	32660.34	0.
363	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	32269.68	-130.74
363	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	31842.41	118.46
363	0.26249	DEAD	LinStatic	4	0.	-0.0075	30899.27	-188.49
363	0.26249	DEAD	LinStatic	5	0.	0.0075	30295.02	163.94
363	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	29351.88	-130.74
363	0.26249	DEAD	LinStatic	7	0.005303	0.005303	28924.61	118.46
363	0.26249	DEAD	LinStatic	8	0.0075	0.	28533.95	0.
363	0.52498	DEAD	LinStatic	0	0.	0.	30610.23	8.25
363	0.52498	DEAD	LinStatic	1	-0.0075	0.	32884.62	0.
363	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	31046.93	-120.47
363	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	33390.	128.73
363	0.52498	DEAD	LinStatic	4	0.	-0.0075	28953.43	-167.96
363	0.52498	DEAD	LinStatic	5	0.	0.0075	32267.03	184.46
363	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	27830.45	-120.47
363	0.52498	DEAD	LinStatic	7	0.005303	0.005303	30173.53	128.73
363	0.52498	DEAD	LinStatic	8	0.0075	0.	28335.84	0.
363	0.	Lr	LinStatic	0	0.	0.	30253.13	-12.57
363	0.	Lr	LinStatic	1	-0.0075	0.	30630.48	0.
363	0.	Lr	LinStatic	2	-0.005303	-0.005303	32096.47	-131.77
363	0.	Lr	LinStatic	3	-0.005303	0.005303	28943.44	119.2
363	0.	Lr	LinStatic	4	0.	-0.0075	32482.67	-190.03
363	0.	Lr	LinStatic	5	0.	0.0075	28023.6	164.9
363	0.	Lr	LinStatic	6	0.005303	-0.005303	31562.83	-131.77
363	0.	Lr	LinStatic	7	0.005303	0.005303	28409.8	119.2
363	0.	Lr	LinStatic	8	0.0075	0.	29875.79	0.
363	0.26249	Lr	LinStatic	0	0.	0.	30253.13	-12.57
363	0.26249	Lr	LinStatic	1	-0.0075	0.	31949.97	0.
363	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	31661.84	-131.77
363	0.26249	Lr	LinStatic	3	-0.005303	0.005303	31244.12	119.2
363	0.26249	Lr	LinStatic	4	0.	-0.0075	30548.51	-190.03
363	0.26249	Lr	LinStatic	5	0.	0.0075	29957.76	164.9
363	0.26249	Lr	LinStatic	6	0.005303	-0.005303	29262.15	-131.77
363	0.26249	Lr	LinStatic	7	0.005303	0.005303	28844.43	119.2
363	0.26249	Lr	LinStatic	8	0.0075	0.	28556.29	0.
363	0.52498	Lr	LinStatic	0	0.	0.	30253.13	-12.57
363	0.52498	Lr	LinStatic	1	-0.0075	0.	33269.47	0.
363	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	31227.21	-131.77
363	0.52498	Lr	LinStatic	3	-0.005303	0.005303	33544.81	119.2
363	0.52498	Lr	LinStatic	4	0.	-0.0075	28614.34	-190.03
363	0.52498	Lr	LinStatic	5	0.	0.0075	31891.92	164.9
363	0.52498	Lr	LinStatic	6	0.005303	-0.005303	26961.46	-131.77
363	0.52498	Lr	LinStatic	7	0.005303	0.005303	29279.06	119.2
363	0.52498	Lr	LinStatic	8	0.0075	0.	27236.8	0.
363	0.	Le	LinStatic	0	0.	0.	13554.98	-5.63
363	0.	Le	LinStatic	1	-0.0075	0.	13724.04	0.
363	0.	Le	LinStatic	2	-0.005303	-0.005303	14380.89	-59.04
363	0.	Le	LinStatic	3	-0.005303	0.005303	12968.16	53.41
363	0.	Le	LinStatic	4	0.	-0.0075	14553.92	-85.14
363	0.	Le	LinStatic	5	0.	0.0075	12556.03	73.88

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
363	0.	Le	LinStatic	6	0.005303	-0.005303	14141.79	-59.04
363	0.	Le	LinStatic	7	0.005303	0.005303	12729.06	53.41
363	0.	Le	LinStatic	8	0.0075	0.	13385.91	0.
363	0.26249	Le	LinStatic	0	0.	0.	13554.98	-5.63
363	0.26249	Le	LinStatic	1	-0.0075	0.	14315.25	0.
363	0.26249	Le	LinStatic	2	-0.005303	-0.005303	14186.15	-59.04
363	0.26249	Le	LinStatic	3	-0.005303	0.005303	13998.99	53.41
363	0.26249	Le	LinStatic	4	0.	-0.0075	13687.32	-85.14
363	0.26249	Le	LinStatic	5	0.	0.0075	13422.63	73.88
363	0.26249	Le	LinStatic	6	0.005303	-0.005303	13110.96	-59.04
363	0.26249	Le	LinStatic	7	0.005303	0.005303	12923.8	53.41
363	0.26249	Le	LinStatic	8	0.0075	0.	12794.7	0.
363	0.52498	Le	LinStatic	0	0.	0.	13554.98	-5.63
363	0.52498	Le	LinStatic	1	-0.0075	0.	14906.45	0.
363	0.52498	Le	LinStatic	2	-0.005303	-0.005303	13991.41	-59.04
363	0.52498	Le	LinStatic	3	-0.005303	0.005303	15029.82	53.41
363	0.52498	Le	LinStatic	4	0.	-0.0075	12820.71	-85.14
363	0.52498	Le	LinStatic	5	0.	0.0075	14289.24	73.88
363	0.52498	Le	LinStatic	6	0.005303	-0.005303	12080.14	-59.04
363	0.52498	Le	LinStatic	7	0.005303	0.005303	13118.54	53.41
363	0.52498	Le	LinStatic	8	0.0075	0.	12203.5	0.
364	0.	DEAD	LinStatic	0	0.	0.	-25164.25	-24.69
364	0.	DEAD	LinStatic	1	-0.0075	0.	-24544.89	0.
364	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-24637.29	-21.06
364	0.	DEAD	LinStatic	3	-0.005303	0.005303	-24815.29	-3.62
364	0.	DEAD	LinStatic	4	0.	-0.0075	-25038.38	-37.02
364	0.	DEAD	LinStatic	5	0.	0.0075	-25290.11	-12.36
364	0.	DEAD	LinStatic	6	0.005303	-0.005303	-25513.2	-21.06
364	0.	DEAD	LinStatic	7	0.005303	0.005303	-25691.2	-3.62
364	0.	DEAD	LinStatic	8	0.0075	0.	-25783.61	0.
364	0.26249	DEAD	LinStatic	0	0.	0.	-25151.16	-4.16
364	0.26249	DEAD	LinStatic	1	-0.0075	0.	-23017.49	0.
364	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-23491.05	-10.8
364	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-23793.81	6.64
364	0.26249	DEAD	LinStatic	4	0.	-0.0075	-24937.08	-16.49
364	0.26249	DEAD	LinStatic	5	0.	0.0075	-25365.24	8.17
364	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-26508.52	-10.8
364	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-26811.27	6.64
364	0.26249	DEAD	LinStatic	8	0.0075	0.	-27284.83	0.
364	0.52498	DEAD	LinStatic	0	0.	0.	-25138.08	16.37
364	0.52498	DEAD	LinStatic	1	-0.0075	0.	-23645.25	0.
364	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-23868.73	-0.54
364	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-24296.24	16.9
364	0.52498	DEAD	LinStatic	4	0.	-0.0075	-24835.78	4.04
364	0.52498	DEAD	LinStatic	5	0.	0.0075	-25440.37	28.7
364	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-25979.91	-0.54
364	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-26407.42	16.9
364	0.52498	DEAD	LinStatic	8	0.0075	0.	-26630.91	0.
364	0.	Lr	LinStatic	0	0.	0.	-24869.59	-4.07
364	0.	Lr	LinStatic	1	-0.0075	0.	-23541.47	0.
364	0.	Lr	LinStatic	2	-0.005303	-0.005303	-23851.2	-10.4
364	0.	Lr	LinStatic	3	-0.005303	0.005303	-24009.73	6.32
364	0.	Lr	LinStatic	4	0.	-0.0075	-24757.5	-15.9
364	0.	Lr	LinStatic	5	0.	0.0075	-24981.69	7.75

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
364	0.	Lr	LinStatic	6	0.005303	-0.005303	-25729.46	-10.4
364	0.	Lr	LinStatic	7	0.005303	0.005303	-25887.99	6.32
364	0.	Lr	LinStatic	8	0.0075	0.	-26197.72	0.
364	0.26249	Lr	LinStatic	0	0.	0.	-24869.59	-4.07
364	0.26249	Lr	LinStatic	1	-0.0075	0.	-23113.77	0.
364	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-23480.48	-10.4
364	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-23775.6	6.32
364	0.26249	Lr	LinStatic	4	0.	-0.0075	-24660.92	-15.9
364	0.26249	Lr	LinStatic	5	0.	0.0075	-25078.27	7.75
364	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-25963.59	-10.4
364	0.26249	Lr	LinStatic	7	0.005303	0.005303	-26258.71	6.32
364	0.26249	Lr	LinStatic	8	0.0075	0.	-26625.42	0.
364	0.52498	Lr	LinStatic	0	0.	0.	-24869.59	-4.07
364	0.52498	Lr	LinStatic	1	-0.0075	0.	-22686.07	0.
364	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-23109.77	-10.4
364	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-23541.46	6.32
364	0.52498	Lr	LinStatic	4	0.	-0.0075	-24564.34	-15.9
364	0.52498	Lr	LinStatic	5	0.	0.0075	-25174.85	7.75
364	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-26197.73	-10.4
364	0.52498	Lr	LinStatic	7	0.005303	0.005303	-26629.42	6.32
364	0.52498	Lr	LinStatic	8	0.0075	0.	-27053.12	0.
364	0.	Le	LinStatic	0	0.	0.	-11142.87	-1.83
364	0.	Le	LinStatic	1	-0.0075	0.	-10547.8	0.
364	0.	Le	LinStatic	2	-0.005303	-0.005303	-10686.58	-4.66
364	0.	Le	LinStatic	3	-0.005303	0.005303	-10757.61	2.83
364	0.	Le	LinStatic	4	0.	-0.0075	-11092.65	-7.12
364	0.	Le	LinStatic	5	0.	0.0075	-11193.1	3.47
364	0.	Le	LinStatic	6	0.005303	-0.005303	-11528.13	-4.66
364	0.	Le	LinStatic	7	0.005303	0.005303	-11599.16	2.83
364	0.	Le	LinStatic	8	0.0075	0.	-11737.94	0.
364	0.26249	Le	LinStatic	0	0.	0.	-11142.87	-1.83
364	0.26249	Le	LinStatic	1	-0.0075	0.	-10356.17	0.
364	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-10520.48	-4.66
364	0.26249	Le	LinStatic	3	-0.005303	0.005303	-10652.7	2.83
364	0.26249	Le	LinStatic	4	0.	-0.0075	-11049.37	-7.12
364	0.26249	Le	LinStatic	5	0.	0.0075	-11236.37	3.47
364	0.26249	Le	LinStatic	6	0.005303	-0.005303	-11633.04	-4.66
364	0.26249	Le	LinStatic	7	0.005303	0.005303	-11765.26	2.83
364	0.26249	Le	LinStatic	8	0.0075	0.	-11929.57	0.
364	0.52498	Le	LinStatic	0	0.	0.	-11142.87	-1.83
364	0.52498	Le	LinStatic	1	-0.0075	0.	-10164.54	0.
364	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-10354.38	-4.66
364	0.52498	Le	LinStatic	3	-0.005303	0.005303	-10547.8	2.83
364	0.52498	Le	LinStatic	4	0.	-0.0075	-11006.1	-7.12
364	0.52498	Le	LinStatic	5	0.	0.0075	-11279.64	3.47
364	0.52498	Le	LinStatic	6	0.005303	-0.005303	-11737.94	-4.66
364	0.52498	Le	LinStatic	7	0.005303	0.005303	-11931.37	2.83
364	0.52498	Le	LinStatic	8	0.0075	0.	-12121.2	0.
365	0.	DEAD	LinStatic	0	0.	0.	19723.91	-17.28
365	0.	DEAD	LinStatic	1	-0.0075	0.	21836.94	0.
365	0.	DEAD	LinStatic	2	-0.005303	-0.005303	22373.63	-35.16
365	0.	DEAD	LinStatic	3	-0.005303	0.005303	20062.46	17.88
365	0.	DEAD	LinStatic	4	0.	-0.0075	21358.16	-54.79
365	0.	DEAD	LinStatic	5	0.	0.0075	18089.67	20.23

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
365	0.	DEAD	LinStatic	6	0.005303	-0.005303	19385.36	-35.16
365	0.	DEAD	LinStatic	7	0.005303	0.005303	17074.19	17.88
365	0.	DEAD	LinStatic	8	0.0075	0.	17610.89	0.
365	0.26249	DEAD	LinStatic	0	0.	0.	19737.	3.24
365	0.26249	DEAD	LinStatic	1	-0.0075	0.	22586.94	0.
365	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	21939.24	-24.9
365	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	21565.19	28.15
365	0.26249	DEAD	LinStatic	4	0.	-0.0075	20001.49	-34.27
365	0.26249	DEAD	LinStatic	5	0.	0.0075	19472.51	40.75
365	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	17908.8	-24.9
365	0.26249	DEAD	LinStatic	7	0.005303	0.005303	17534.76	28.15
365	0.26249	DEAD	LinStatic	8	0.0075	0.	16887.05	0.
365	0.52498	DEAD	LinStatic	0	0.	0.	19750.08	23.77
365	0.52498	DEAD	LinStatic	1	-0.0075	0.	21181.81	0.
365	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	19980.93	-14.64
365	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	21544.	38.41
365	0.52498	DEAD	LinStatic	4	0.	-0.0075	18644.82	-13.74
365	0.52498	DEAD	LinStatic	5	0.	0.0075	20855.35	61.28
365	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	17956.16	-14.64
365	0.52498	DEAD	LinStatic	7	0.005303	0.005303	19519.24	38.41
365	0.52498	DEAD	LinStatic	8	0.0075	0.	18318.36	0.
365	0.	Lr	LinStatic	0	0.	0.	19516.72	3.18
365	0.	Lr	LinStatic	1	-0.0075	0.	22312.47	0.
365	0.	Lr	LinStatic	2	-0.005303	-0.005303	22633.97	-24.01
365	0.	Lr	LinStatic	3	-0.005303	0.005303	20353.26	27.19
365	0.	Lr	LinStatic	4	0.	-0.0075	21129.42	-33.02
365	0.	Lr	LinStatic	5	0.	0.0075	17904.02	39.39
365	0.	Lr	LinStatic	6	0.005303	-0.005303	18680.18	-24.01
365	0.	Lr	LinStatic	7	0.005303	0.005303	16399.47	27.19
365	0.	Lr	LinStatic	8	0.0075	0.	16720.97	0.
365	0.26249	Lr	LinStatic	0	0.	0.	19516.72	3.18
365	0.26249	Lr	LinStatic	1	-0.0075	0.	21978.32	0.
365	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	21441.46	-24.01
365	0.26249	Lr	LinStatic	3	-0.005303	0.005303	21073.21	27.19
365	0.26249	Lr	LinStatic	4	0.	-0.0075	19777.11	-33.02
365	0.26249	Lr	LinStatic	5	0.	0.0075	19256.33	39.39
365	0.26249	Lr	LinStatic	6	0.005303	-0.005303	17960.23	-24.01
365	0.26249	Lr	LinStatic	7	0.005303	0.005303	17591.98	27.19
365	0.26249	Lr	LinStatic	8	0.0075	0.	17055.12	0.
365	0.52498	Lr	LinStatic	0	0.	0.	19516.72	3.18
365	0.52498	Lr	LinStatic	1	-0.0075	0.	21644.18	0.
365	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	20248.96	-24.01
365	0.52498	Lr	LinStatic	3	-0.005303	0.005303	21793.16	27.19
365	0.52498	Lr	LinStatic	4	0.	-0.0075	18424.8	-33.02
365	0.52498	Lr	LinStatic	5	0.	0.0075	20608.64	39.39
365	0.52498	Lr	LinStatic	6	0.005303	-0.005303	17240.28	-24.01
365	0.52498	Lr	LinStatic	7	0.005303	0.005303	18784.48	27.19
365	0.52498	Lr	LinStatic	8	0.0075	0.	17389.26	0.
365	0.	Le	LinStatic	0	0.	0.	8744.5	1.43
365	0.	Le	LinStatic	1	-0.0075	0.	9997.15	0.
365	0.	Le	LinStatic	2	-0.005303	-0.005303	10141.19	-10.76
365	0.	Le	LinStatic	3	-0.005303	0.005303	9119.32	12.18
365	0.	Le	LinStatic	4	0.	-0.0075	9467.08	-14.8
365	0.	Le	LinStatic	5	0.	0.0075	8021.93	17.65

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
365	0.	Le	LinStatic	6	0.005303	-0.005303	8369.69	-10.76
365	0.	Le	LinStatic	7	0.005303	0.005303	7347.82	12.18
365	0.	Le	LinStatic	8	0.0075	0.	7491.86	0.
365	0.26249	Le	LinStatic	0	0.	0.	8744.5	1.43
365	0.26249	Le	LinStatic	1	-0.0075	0.	9847.43	0.
365	0.26249	Le	LinStatic	2	-0.005303	-0.005303	9606.89	-10.76
365	0.26249	Le	LinStatic	3	-0.005303	0.005303	9441.89	12.18
365	0.26249	Le	LinStatic	4	0.	-0.0075	8861.17	-14.8
365	0.26249	Le	LinStatic	5	0.	0.0075	8627.83	17.65
365	0.26249	Le	LinStatic	6	0.005303	-0.005303	8047.12	-10.76
365	0.26249	Le	LinStatic	7	0.005303	0.005303	7882.12	12.18
365	0.26249	Le	LinStatic	8	0.0075	0.	7641.58	0.
365	0.52498	Le	LinStatic	0	0.	0.	8744.5	1.43
365	0.52498	Le	LinStatic	1	-0.0075	0.	9697.72	0.
365	0.52498	Le	LinStatic	2	-0.005303	-0.005303	9072.58	-10.76
365	0.52498	Le	LinStatic	3	-0.005303	0.005303	9764.47	12.18
365	0.52498	Le	LinStatic	4	0.	-0.0075	8255.27	-14.8
365	0.52498	Le	LinStatic	5	0.	0.0075	9233.74	17.65
365	0.52498	Le	LinStatic	6	0.005303	-0.005303	7724.54	-10.76
365	0.52498	Le	LinStatic	7	0.005303	0.005303	8416.42	12.18
365	0.52498	Le	LinStatic	8	0.0075	0.	7791.29	0.
366	0.	DEAD	LinStatic	0	0.	0.	-14391.6	-23.16
366	0.	DEAD	LinStatic	1	-0.0075	0.	-12485.46	0.
366	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-12920.76	-8.72
366	0.	DEAD	LinStatic	3	-0.005303	0.005303	-13166.75	-14.44
366	0.	DEAD	LinStatic	4	0.	-0.0075	-14217.65	-19.11
366	0.	DEAD	LinStatic	5	0.	0.0075	-14565.55	-27.2
366	0.	DEAD	LinStatic	6	0.005303	-0.005303	-15616.44	-8.72
366	0.	DEAD	LinStatic	7	0.005303	0.005303	-15862.44	-14.44
366	0.	DEAD	LinStatic	8	0.0075	0.	-16297.74	0.
366	0.26249	DEAD	LinStatic	0	0.	0.	-14378.51	-2.63
366	0.26249	DEAD	LinStatic	1	-0.0075	0.	-11118.53	0.
366	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-11941.22	1.55
366	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-12205.49	-4.18
366	0.26249	DEAD	LinStatic	4	0.	-0.0075	-14191.64	1.41
366	0.26249	DEAD	LinStatic	5	0.	0.0075	-14565.38	-6.68
366	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-16551.53	1.55
366	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-16815.81	-4.18
366	0.26249	DEAD	LinStatic	8	0.0075	0.	-17638.5	0.
366	0.52498	DEAD	LinStatic	0	0.	0.	-14365.43	17.89
366	0.52498	DEAD	LinStatic	1	-0.0075	0.	-11906.74	0.
366	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-12485.6	11.81
366	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-12768.15	6.09
366	0.52498	DEAD	LinStatic	4	0.	-0.0075	-14165.63	21.94
366	0.52498	DEAD	LinStatic	5	0.	0.0075	-14565.22	13.85
366	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-15962.71	11.81
366	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-16245.26	6.09
366	0.52498	DEAD	LinStatic	8	0.0075	0.	-16824.12	0.
366	0.	Lr	LinStatic	0	0.	0.	-14220.72	-2.58
366	0.	Lr	LinStatic	1	-0.0075	0.	-11622.73	0.
366	0.	Lr	LinStatic	2	-0.005303	-0.005303	-12268.88	1.73
366	0.	Lr	LinStatic	3	-0.005303	0.005303	-12498.45	-4.32
366	0.	Lr	LinStatic	4	0.	-0.0075	-14058.39	1.69
366	0.	Lr	LinStatic	5	0.	0.0075	-14383.05	-6.86

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
366	0.	Lr	LinStatic	6	0.005303	-0.005303	-15943.	1.73
366	0.	Lr	LinStatic	7	0.005303	0.005303	-16172.56	-4.32
366	0.	Lr	LinStatic	8	0.0075	0.	-16818.71	0.
366	0.26249	Lr	LinStatic	0	0.	0.	-14220.72	-2.58
366	0.26249	Lr	LinStatic	1	-0.0075	0.	-11351.42	0.
366	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-12063.06	1.73
366	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-12320.57	-4.32
366	0.26249	Lr	LinStatic	4	0.	-0.0075	-14038.63	1.69
366	0.26249	Lr	LinStatic	5	0.	0.0075	-14402.81	-6.86
366	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-16120.87	1.73
366	0.26249	Lr	LinStatic	7	0.005303	0.005303	-16378.38	-4.32
366	0.26249	Lr	LinStatic	8	0.0075	0.	-17090.03	0.
366	0.52498	Lr	LinStatic	0	0.	0.	-14220.72	-2.58
366	0.52498	Lr	LinStatic	1	-0.0075	0.	-11080.1	0.
366	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-11857.24	1.73
366	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-12142.7	-4.32
366	0.52498	Lr	LinStatic	4	0.	-0.0075	-14018.87	1.69
366	0.52498	Lr	LinStatic	5	0.	0.0075	-14422.57	-6.86
366	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-16298.75	1.73
366	0.52498	Lr	LinStatic	7	0.005303	0.005303	-16584.21	-4.32
366	0.52498	Lr	LinStatic	8	0.0075	0.	-17361.34	0.
366	0.	Le	LinStatic	0	0.	0.	-6371.62	-1.16
366	0.	Le	LinStatic	1	-0.0075	0.	-5207.59	0.
366	0.	Le	LinStatic	2	-0.005303	-0.005303	-5497.1	0.78
366	0.	Le	LinStatic	3	-0.005303	0.005303	-5599.95	-1.93
366	0.	Le	LinStatic	4	0.	-0.0075	-6298.89	0.76
366	0.	Le	LinStatic	5	0.	0.0075	-6444.35	-3.07
366	0.	Le	LinStatic	6	0.005303	-0.005303	-7143.29	0.78
366	0.	Le	LinStatic	7	0.005303	0.005303	-7246.15	-1.93
366	0.	Le	LinStatic	8	0.0075	0.	-7535.66	0.
366	0.26249	Le	LinStatic	0	0.	0.	-6371.62	-1.16
366	0.26249	Le	LinStatic	1	-0.0075	0.	-5086.02	0.
366	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-5404.88	0.78
366	0.26249	Le	LinStatic	3	-0.005303	0.005303	-5520.26	-1.93
366	0.26249	Le	LinStatic	4	0.	-0.0075	-6290.04	0.76
366	0.26249	Le	LinStatic	5	0.	0.0075	-6453.21	-3.07
366	0.26249	Le	LinStatic	6	0.005303	-0.005303	-7222.99	0.78
366	0.26249	Le	LinStatic	7	0.005303	0.005303	-7338.37	-1.93
366	0.26249	Le	LinStatic	8	0.0075	0.	-7657.22	0.
366	0.52498	Le	LinStatic	0	0.	0.	-6371.62	-1.16
366	0.52498	Le	LinStatic	1	-0.0075	0.	-4964.46	0.
366	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-5312.66	0.78
366	0.52498	Le	LinStatic	3	-0.005303	0.005303	-5440.56	-1.93
366	0.52498	Le	LinStatic	4	0.	-0.0075	-6281.18	0.76
366	0.52498	Le	LinStatic	5	0.	0.0075	-6462.06	-3.07
366	0.52498	Le	LinStatic	6	0.005303	-0.005303	-7302.68	0.78
366	0.52498	Le	LinStatic	7	0.005303	0.005303	-7430.59	-1.93
366	0.52498	Le	LinStatic	8	0.0075	0.	-7778.78	0.
367	0.	DEAD	LinStatic	0	0.	0.	8954.58	-19.3
367	0.	DEAD	LinStatic	1	-0.0075	0.	11617.59	0.
367	0.	DEAD	LinStatic	2	-0.005303	-0.005303	11349.76	-21.36
367	0.	DEAD	LinStatic	3	-0.005303	0.005303	10325.46	2.06
367	0.	DEAD	LinStatic	4	0.	-0.0075	9678.87	-35.86
367	0.	DEAD	LinStatic	5	0.	0.0075	8230.29	-2.74

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
367	0.	DEAD	LinStatic	6	0.005303	-0.005303	7583.7	-21.36
367	0.	DEAD	LinStatic	7	0.005303	0.005303	6559.4	2.06
367	0.	DEAD	LinStatic	8	0.0075	0.	6291.57	0.
367	0.26249	DEAD	LinStatic	0	0.	0.	8967.67	1.23
367	0.26249	DEAD	LinStatic	1	-0.0075	0.	12579.11	0.
367	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	11615.32	-11.09
367	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	11427.37	12.32
367	0.26249	DEAD	LinStatic	4	0.	-0.0075	9100.57	-15.33
367	0.26249	DEAD	LinStatic	5	0.	0.0075	8834.76	17.79
367	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	6507.97	-11.09
367	0.26249	DEAD	LinStatic	7	0.005303	0.005303	6320.01	12.32
367	0.26249	DEAD	LinStatic	8	0.0075	0.	5356.22	0.
367	0.52498	DEAD	LinStatic	0	0.	0.	8980.75	21.76
367	0.52498	DEAD	LinStatic	1	-0.0075	0.	11385.48	0.
367	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	10356.95	-0.83
367	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	11005.35	22.59
367	0.52498	DEAD	LinStatic	4	0.	-0.0075	8522.26	5.2
367	0.52498	DEAD	LinStatic	5	0.	0.0075	9439.24	38.32
367	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	6956.15	-0.83
367	0.52498	DEAD	LinStatic	7	0.005303	0.005303	7604.55	22.59
367	0.52498	DEAD	LinStatic	8	0.0075	0.	6576.02	0.
367	0.	Lr	LinStatic	0	0.	0.	8871.09	1.24
367	0.	Lr	LinStatic	1	-0.0075	0.	12216.94	0.
367	0.	Lr	LinStatic	2	-0.005303	-0.005303	11747.15	-11.13
367	0.	Lr	LinStatic	3	-0.005303	0.005303	10726.77	12.36
367	0.	Lr	LinStatic	4	0.	-0.0075	9592.61	-15.37
367	0.	Lr	LinStatic	5	0.	0.0075	8149.57	17.85
367	0.	Lr	LinStatic	6	0.005303	-0.005303	7015.41	-11.13
367	0.	Lr	LinStatic	7	0.005303	0.005303	5995.03	12.36
367	0.	Lr	LinStatic	8	0.0075	0.	5525.24	0.
367	0.26249	Lr	LinStatic	0	0.	0.	8871.09	1.24
367	0.26249	Lr	LinStatic	1	-0.0075	0.	12087.01	0.
367	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	11238.66	-11.13
367	0.26249	Lr	LinStatic	3	-0.005303	0.005303	11051.53	12.36
367	0.26249	Lr	LinStatic	4	0.	-0.0075	9003.41	-15.37
367	0.26249	Lr	LinStatic	5	0.	0.0075	8738.77	17.85
367	0.26249	Lr	LinStatic	6	0.005303	-0.005303	6690.66	-11.13
367	0.26249	Lr	LinStatic	7	0.005303	0.005303	6503.53	12.36
367	0.26249	Lr	LinStatic	8	0.0075	0.	5655.17	0.
367	0.52498	Lr	LinStatic	0	0.	0.	8871.09	1.24
367	0.52498	Lr	LinStatic	1	-0.0075	0.	11957.09	0.
367	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	10730.16	-11.13
367	0.52498	Lr	LinStatic	3	-0.005303	0.005303	11376.28	12.36
367	0.52498	Lr	LinStatic	4	0.	-0.0075	8414.22	-15.37
367	0.52498	Lr	LinStatic	5	0.	0.0075	9327.97	17.85
367	0.52498	Lr	LinStatic	6	0.005303	-0.005303	6365.9	-11.13
367	0.52498	Lr	LinStatic	7	0.005303	0.005303	7012.02	12.36
367	0.52498	Lr	LinStatic	8	0.0075	0.	5785.1	0.
367	0.	Le	LinStatic	0	0.	0.	3974.71	0.55
367	0.	Le	LinStatic	1	-0.0075	0.	5473.82	0.
367	0.	Le	LinStatic	2	-0.005303	-0.005303	5263.33	-4.98
367	0.	Le	LinStatic	3	-0.005303	0.005303	4806.15	5.54
367	0.	Le	LinStatic	4	0.	-0.0075	4297.99	-6.89
367	0.	Le	LinStatic	5	0.	0.0075	3651.43	8.

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
367	0.	Le	LinStatic	6	0.005303	-0.005303	3143.27	-4.98
367	0.	Le	LinStatic	7	0.005303	0.005303	2686.08	5.54
367	0.	Le	LinStatic	8	0.0075	0.	2475.6	0.
367	0.26249	Le	LinStatic	0	0.	0.	3974.71	0.55
367	0.26249	Le	LinStatic	1	-0.0075	0.	5415.61	0.
367	0.26249	Le	LinStatic	2	-0.005303	-0.005303	5035.5	-4.98
367	0.26249	Le	LinStatic	3	-0.005303	0.005303	4951.66	5.54
367	0.26249	Le	LinStatic	4	0.	-0.0075	4034.	-6.89
367	0.26249	Le	LinStatic	5	0.	0.0075	3915.42	8.
367	0.26249	Le	LinStatic	6	0.005303	-0.005303	2997.76	-4.98
367	0.26249	Le	LinStatic	7	0.005303	0.005303	2913.92	5.54
367	0.26249	Le	LinStatic	8	0.0075	0.	2533.81	0.
367	0.52498	Le	LinStatic	0	0.	0.	3974.71	0.55
367	0.52498	Le	LinStatic	1	-0.0075	0.	5357.4	0.
367	0.52498	Le	LinStatic	2	-0.005303	-0.005303	4807.67	-4.98
367	0.52498	Le	LinStatic	3	-0.005303	0.005303	5097.16	5.54
367	0.52498	Le	LinStatic	4	0.	-0.0075	3770.01	-6.89
367	0.52498	Le	LinStatic	5	0.	0.0075	4179.41	8.
367	0.52498	Le	LinStatic	6	0.005303	-0.005303	2852.26	-4.98
367	0.52498	Le	LinStatic	7	0.005303	0.005303	3141.75	5.54
367	0.52498	Le	LinStatic	8	0.0075	0.	2592.02	0.
368	0.	DEAD	LinStatic	0	0.	0.	-3628.08	-20.84
368	0.	DEAD	LinStatic	1	-0.0075	0.	-943.44	0.
368	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-1838.56	4.85
368	0.	DEAD	LinStatic	3	-0.005303	0.005303	-1620.95	-25.69
368	0.	DEAD	LinStatic	4	0.	-0.0075	-3781.95	0.76
368	0.	DEAD	LinStatic	5	0.	0.0075	-3474.21	-42.44
368	0.	DEAD	LinStatic	6	0.005303	-0.005303	-5635.2	4.85
368	0.	DEAD	LinStatic	7	0.005303	0.005303	-5417.6	-25.69
368	0.	DEAD	LinStatic	8	0.0075	0.	-6312.71	0.
368	0.26249	DEAD	LinStatic	0	0.	0.	-3614.99	-0.32
368	0.26249	DEAD	LinStatic	1	-0.0075	0.	180.34	0.
368	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-965.38	15.12
368	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-897.19	-15.43
368	0.26249	DEAD	LinStatic	4	0.	-0.0075	-3663.21	21.28
368	0.26249	DEAD	LinStatic	5	0.	0.0075	-3566.78	-21.92
368	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-6332.79	15.12
368	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-6264.61	-15.43
368	0.26249	DEAD	LinStatic	8	0.0075	0.	-7410.33	0.
368	0.52498	DEAD	LinStatic	0	0.	0.	-3601.91	20.21
368	0.52498	DEAD	LinStatic	1	-0.0075	0.	-851.01	0.
368	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-1616.11	25.38
368	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-1697.35	-5.17
368	0.52498	DEAD	LinStatic	4	0.	-0.0075	-3544.47	41.81
368	0.52498	DEAD	LinStatic	5	0.	0.0075	-3659.35	-1.39
368	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-5506.47	25.38
368	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-5587.7	-5.17
368	0.52498	DEAD	LinStatic	8	0.0075	0.	-6352.8	0.
368	0.	Lr	LinStatic	0	0.	0.	-3566.18	-0.32
368	0.	Lr	LinStatic	1	-0.0075	0.	-202.49	0.
368	0.	Lr	LinStatic	2	-0.005303	-0.005303	-1294.02	14.68
368	0.	Lr	LinStatic	3	-0.005303	0.005303	-1081.37	-15.
368	0.	Lr	LinStatic	4	0.	-0.0075	-3716.55	20.67
368	0.	Lr	LinStatic	5	0.	0.0075	-3415.82	-21.31

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
368	0.	Lr	LinStatic	6	0.005303	-0.005303	-6050.99	14.68
368	0.	Lr	LinStatic	7	0.005303	0.005303	-5838.35	-15.
368	0.	Lr	LinStatic	8	0.0075	0.	-6929.87	0.
368	0.26249	Lr	LinStatic	0	0.	0.	-3566.18	-0.32
368	0.26249	Lr	LinStatic	1	-0.0075	0.	-168.61	0.
368	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-1196.88	14.68
368	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-1130.6	-15.
368	0.26249	Lr	LinStatic	4	0.	-0.0075	-3613.05	20.67
368	0.26249	Lr	LinStatic	5	0.	0.0075	-3519.32	-21.31
368	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-6001.76	14.68
368	0.26249	Lr	LinStatic	7	0.005303	0.005303	-5935.49	-15.
368	0.26249	Lr	LinStatic	8	0.0075	0.	-6963.75	0.
368	0.52498	Lr	LinStatic	0	0.	0.	-3566.18	-0.32
368	0.52498	Lr	LinStatic	1	-0.0075	0.	-134.74	0.
368	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-1099.74	14.68
368	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-1179.83	-15.
368	0.52498	Lr	LinStatic	4	0.	-0.0075	-3509.55	20.67
368	0.52498	Lr	LinStatic	5	0.	0.0075	-3622.81	-21.31
368	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-5952.54	14.68
368	0.52498	Lr	LinStatic	7	0.005303	0.005303	-6032.62	-15.
368	0.52498	Lr	LinStatic	8	0.0075	0.	-6997.63	0.
368	0.	Le	LinStatic	0	0.	0.	-1597.83	-0.14
368	0.	Le	LinStatic	1	-0.0075	0.	-90.73	0.
368	0.	Le	LinStatic	2	-0.005303	-0.005303	-579.79	6.58
368	0.	Le	LinStatic	3	-0.005303	0.005303	-484.51	-6.72
368	0.	Le	LinStatic	4	0.	-0.0075	-1665.21	9.26
368	0.	Le	LinStatic	5	0.	0.0075	-1530.46	-9.55
368	0.	Le	LinStatic	6	0.005303	-0.005303	-2711.16	6.58
368	0.	Le	LinStatic	7	0.005303	0.005303	-2615.88	-6.72
368	0.	Le	LinStatic	8	0.0075	0.	-3104.94	0.
368	0.26249	Le	LinStatic	0	0.	0.	-1597.83	-0.14
368	0.26249	Le	LinStatic	1	-0.0075	0.	-75.55	0.
368	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-536.26	6.58
368	0.26249	Le	LinStatic	3	-0.005303	0.005303	-506.57	-6.72
368	0.26249	Le	LinStatic	4	0.	-0.0075	-1618.83	9.26
368	0.26249	Le	LinStatic	5	0.	0.0075	-1576.84	-9.55
368	0.26249	Le	LinStatic	6	0.005303	-0.005303	-2689.1	6.58
368	0.26249	Le	LinStatic	7	0.005303	0.005303	-2659.41	-6.72
368	0.26249	Le	LinStatic	8	0.0075	0.	-3120.12	0.
368	0.52498	Le	LinStatic	0	0.	0.	-1597.83	-0.14
368	0.52498	Le	LinStatic	1	-0.0075	0.	-60.37	0.
368	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-492.74	6.58
368	0.52498	Le	LinStatic	3	-0.005303	0.005303	-528.62	-6.72
368	0.52498	Le	LinStatic	4	0.	-0.0075	-1572.46	9.26
368	0.52498	Le	LinStatic	5	0.	0.0075	-1623.21	-9.55
368	0.52498	Le	LinStatic	6	0.005303	-0.005303	-2667.05	6.58
368	0.52498	Le	LinStatic	7	0.005303	0.005303	-2702.93	-6.72
368	0.52498	Le	LinStatic	8	0.0075	0.	-3135.3	0.
369	0.	DEAD	LinStatic	0	0.	0.	-3687.94	
369	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-4296.02	
369	0.	DEAD	LinStatic	2	-0.00753	0.00753	-2177.8	
369	0.	DEAD	LinStatic	3	0.01747	0.00753	-5073.62	
369	0.17	DEAD	LinStatic	0	0.	0.	-3674.86	
369	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3822.64	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
369	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3605.61	
369	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3618.51	
369	0.34	DEAD	LinStatic	0	0.	0.	-3661.77	
369	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-3349.26	
369	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-5033.41	
369	0.34	DEAD	LinStatic	3	0.01747	0.00753	-2163.39	
369	0.	Lr	LinStatic	0	0.	0.	-3729.44	
369	0.	Lr	LinStatic	1	-0.00753	-0.01747	-4330.12	
369	0.	Lr	LinStatic	2	-0.00753	0.00753	-2242.58	
369	0.	Lr	LinStatic	3	0.01747	0.00753	-5091.77	
369	0.17	Lr	LinStatic	0	0.	0.	-3729.44	
369	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3875.43	
369	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3663.32	
369	0.17	Lr	LinStatic	3	0.01747	0.00753	-3670.74	
369	0.34	Lr	LinStatic	0	0.	0.	-3729.44	
369	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-3420.74	
369	0.34	Lr	LinStatic	2	-0.00753	0.00753	-5084.06	
369	0.34	Lr	LinStatic	3	0.01747	0.00753	-2249.71	
369	0.	Le	LinStatic	0	0.	0.	-1670.98	
369	0.	Le	LinStatic	1	-0.00753	-0.01747	-1940.12	
369	0.	Le	LinStatic	2	-0.00753	0.00753	-1004.79	
369	0.	Le	LinStatic	3	0.01747	0.00753	-2281.38	
369	0.17	Le	LinStatic	0	0.	0.	-1670.98	
369	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1736.39	
369	0.17	Le	LinStatic	2	-0.00753	0.00753	-1641.36	
369	0.17	Le	LinStatic	3	0.01747	0.00753	-1644.68	
369	0.34	Le	LinStatic	0	0.	0.	-1670.98	
369	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1532.67	
369	0.34	Le	LinStatic	2	-0.00753	0.00753	-2277.92	
369	0.34	Le	LinStatic	3	0.01747	0.00753	-1007.99	
36A	0.	DEAD	LinStatic	0	0.	0.	5.39	
36A	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-635.67	
36A	0.	DEAD	LinStatic	2	-0.00753	0.00753	2878.99	
36A	0.	DEAD	LinStatic	3	0.01747	0.00753	-3147.4	
36A	0.17	DEAD	LinStatic	0	0.	0.	18.48	
36A	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-150.06	
36A	0.17	DEAD	LinStatic	2	-0.00753	0.00753	47.15	
36A	0.17	DEAD	LinStatic	3	0.01747	0.00753	149.15	
36A	0.34	DEAD	LinStatic	0	0.	0.	31.56	
36A	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	335.55	
36A	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-2784.68	
36A	0.34	DEAD	LinStatic	3	0.01747	0.00753	3445.69	
36A	0.	Lr	LinStatic	0	0.	0.	-35.36	
36A	0.	Lr	LinStatic	1	-0.00753	-0.01747	-668.52	
36A	0.	Lr	LinStatic	2	-0.00753	0.00753	2796.97	
36A	0.	Lr	LinStatic	3	0.01747	0.00753	-3141.57	
36A	0.17	Lr	LinStatic	0	0.	0.	-35.36	
36A	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-201.48	
36A	0.17	Lr	LinStatic	2	-0.00753	0.00753	-10.84	
36A	0.17	Lr	LinStatic	3	0.01747	0.00753	98.38	
36A	0.34	Lr	LinStatic	0	0.	0.	-35.36	
36A	0.34	Lr	LinStatic	1	-0.00753	-0.01747	265.56	
36A	0.34	Lr	LinStatic	2	-0.00753	0.00753	-2818.65	
36A	0.34	Lr	LinStatic	3	0.01747	0.00753	3338.33	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
36A	0.	Le	LinStatic	0	0.	0.	-15.84	
36A	0.	Le	LinStatic	1	-0.00753	-0.01747	-299.53	
36A	0.	Le	LinStatic	2	-0.00753	0.00753	1253.19	
36A	0.	Le	LinStatic	3	0.01747	0.00753	-1407.59	
36A	0.17	Le	LinStatic	0	0.	0.	-15.84	
36A	0.17	Le	LinStatic	1	-0.00753	-0.01747	-90.27	
36A	0.17	Le	LinStatic	2	-0.00753	0.00753	-4.86	
36A	0.17	Le	LinStatic	3	0.01747	0.00753	44.08	
36A	0.34	Le	LinStatic	0	0.	0.	-15.84	
36A	0.34	Le	LinStatic	1	-0.00753	-0.01747	118.98	
36A	0.34	Le	LinStatic	2	-0.00753	0.00753	-1262.9	
36A	0.34	Le	LinStatic	3	0.01747	0.00753	1495.74	
36B	0.	DEAD	LinStatic	0	0.	0.	-3692.59	
36B	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-4793.65	
36B	0.	DEAD	LinStatic	2	-0.00753	0.00753	890.9	
36B	0.	DEAD	LinStatic	3	0.01747	0.00753	-8642.87	
36B	0.17	DEAD	LinStatic	0	0.	0.	-3679.51	
36B	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3714.21	
36B	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3689.7	
36B	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3631.34	
36B	0.34	DEAD	LinStatic	0	0.	0.	-3666.42	
36B	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-2634.77	
36B	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-8270.31	
36B	0.34	DEAD	LinStatic	3	0.01747	0.00753	1380.18	
36B	0.	Lr	LinStatic	0	0.	0.	-3734.02	
36B	0.	Lr	LinStatic	1	-0.00753	-0.01747	-4824.64	
36B	0.	Lr	LinStatic	2	-0.00753	0.00753	792.17	
36B	0.	Lr	LinStatic	3	0.01747	0.00753	-8619.08	
36B	0.17	Lr	LinStatic	0	0.	0.	-3734.02	
36B	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3769.53	
36B	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3745.76	
36B	0.17	Lr	LinStatic	3	0.01747	0.00753	-3683.02	
36B	0.34	Lr	LinStatic	0	0.	0.	-3734.02	
36B	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-2714.43	
36B	0.34	Lr	LinStatic	2	-0.00753	0.00753	-8283.68	
36B	0.34	Lr	LinStatic	3	0.01747	0.00753	1253.04	
36B	0.	Le	LinStatic	0	0.	0.	-1673.04	
36B	0.	Le	LinStatic	1	-0.00753	-0.01747	-2161.69	
36B	0.	Le	LinStatic	2	-0.00753	0.00753	354.93	
36B	0.	Le	LinStatic	3	0.01747	0.00753	-3861.79	
36B	0.17	Le	LinStatic	0	0.	0.	-1673.04	
36B	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1688.95	
36B	0.17	Le	LinStatic	2	-0.00753	0.00753	-1678.29	
36B	0.17	Le	LinStatic	3	0.01747	0.00753	-1650.18	
36B	0.34	Le	LinStatic	0	0.	0.	-1673.04	
36B	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1216.21	
36B	0.34	Le	LinStatic	2	-0.00753	0.00753	-3711.52	
36B	0.34	Le	LinStatic	3	0.01747	0.00753	561.43	
36C	0.	DEAD	LinStatic	0	0.	0.	8.35	
36C	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-1271.18	
36C	0.	DEAD	LinStatic	2	-0.00753	0.00753	6020.64	
36C	0.	DEAD	LinStatic	3	0.01747	0.00753	-6649.81	
36C	0.17	DEAD	LinStatic	0	0.	0.	21.44	
36C	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-257.06	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
36C	0.17	DEAD	LinStatic	2	-0.00753	0.00753	52.7	
36C	0.17	DEAD	LinStatic	3	0.01747	0.00753	258.65	
36C	0.34	DEAD	LinStatic	0	0.	0.	34.52	
36C	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	757.06	
36C	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-5915.25	
36C	0.34	DEAD	LinStatic	3	0.01747	0.00753	7167.12	
36C	0.	Lr	LinStatic	0	0.	0.	-32.47	
36C	0.	Lr	LinStatic	1	-0.00753	-0.01747	-1297.2	
36C	0.	Lr	LinStatic	2	-0.00753	0.00753	5902.57	
36C	0.	Lr	LinStatic	3	0.01747	0.00753	-6603.44	
36C	0.17	Lr	LinStatic	0	0.	0.	-32.47	
36C	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-308.39	
36C	0.17	Lr	LinStatic	2	-0.00753	0.00753	-5.09	
36C	0.17	Lr	LinStatic	3	0.01747	0.00753	207.29	
36C	0.34	Lr	LinStatic	0	0.	0.	-32.47	
36C	0.34	Lr	LinStatic	1	-0.00753	-0.01747	680.42	
36C	0.34	Lr	LinStatic	2	-0.00753	0.00753	-5912.74	
36C	0.34	Lr	LinStatic	3	0.01747	0.00753	7018.01	
36C	0.	Le	LinStatic	0	0.	0.	-14.55	
36C	0.	Le	LinStatic	1	-0.00753	-0.01747	-581.21	
36C	0.	Le	LinStatic	2	-0.00753	0.00753	2644.66	
36C	0.	Le	LinStatic	3	0.01747	0.00753	-2958.68	
36C	0.17	Le	LinStatic	0	0.	0.	-14.55	
36C	0.17	Le	LinStatic	1	-0.00753	-0.01747	-138.17	
36C	0.17	Le	LinStatic	2	-0.00753	0.00753	-2.28	
36C	0.17	Le	LinStatic	3	0.01747	0.00753	92.87	
36C	0.34	Le	LinStatic	0	0.	0.	-14.55	
36C	0.34	Le	LinStatic	1	-0.00753	-0.01747	304.86	
36C	0.34	Le	LinStatic	2	-0.00753	0.00753	-2649.21	
36C	0.34	Le	LinStatic	3	0.01747	0.00753	3144.43	
36D	0.	DEAD	LinStatic	0	0.	0.	-3720.	
36D	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-5236.55	
36D	0.	DEAD	LinStatic	2	-0.00753	0.00753	3720.64	
36D	0.	DEAD	LinStatic	3	0.01747	0.00753	-12026.91	
36D	0.17	DEAD	LinStatic	0	0.	0.	-3706.92	
36D	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-3608.6	
36D	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-3789.19	
36D	0.17	DEAD	LinStatic	3	0.01747	0.00753	-3696.62	
36D	0.34	DEAD	LinStatic	0	0.	0.	-3693.83	
36D	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-1980.65	
36D	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-11299.02	
36D	0.34	DEAD	LinStatic	3	0.01747	0.00753	4633.68	
36D	0.	Lr	LinStatic	0	0.	0.	-3761.27	
36D	0.	Lr	LinStatic	1	-0.00753	-0.01747	-5261.59	
36D	0.	Lr	LinStatic	2	-0.00753	0.00753	3578.74	
36D	0.	Lr	LinStatic	3	0.01747	0.00753	-11951.53	
36D	0.17	Lr	LinStatic	0	0.	0.	-3761.27	
36D	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-3665.25	
36D	0.17	Lr	LinStatic	2	-0.00753	0.00753	-3846.34	
36D	0.17	Lr	LinStatic	3	0.01747	0.00753	-3744.96	
36D	0.34	Lr	LinStatic	0	0.	0.	-3761.27	
36D	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-2068.91	
36D	0.34	Lr	LinStatic	2	-0.00753	0.00753	-11271.43	
36D	0.34	Lr	LinStatic	3	0.01747	0.00753	4461.62	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
36D	0.	Le	LinStatic	0	0.	0.	-1685.24	
36D	0.	Le	LinStatic	1	-0.00753	-0.01747	-2357.46	
36D	0.	Le	LinStatic	2	-0.00753	0.00753	1603.46	
36D	0.	Le	LinStatic	3	0.01747	0.00753	-5354.91	
36D	0.17	Le	LinStatic	0	0.	0.	-1685.24	
36D	0.17	Le	LinStatic	1	-0.00753	-0.01747	-1642.22	
36D	0.17	Le	LinStatic	2	-0.00753	0.00753	-1723.36	
36D	0.17	Le	LinStatic	3	0.01747	0.00753	-1677.94	
36D	0.34	Le	LinStatic	0	0.	0.	-1685.24	
36D	0.34	Le	LinStatic	1	-0.00753	-0.01747	-926.98	
36D	0.34	Le	LinStatic	2	-0.00753	0.00753	-5050.18	
36D	0.34	Le	LinStatic	3	0.01747	0.00753	1999.04	
36E	0.	DEAD	LinStatic	0	0.	0.	-23.87	
36E	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-626.97	
36E	0.	DEAD	LinStatic	2	-0.00753	0.00753	9109.8	
36E	0.	DEAD	LinStatic	3	0.01747	0.00753	-11479.45	
36E	0.17	DEAD	LinStatic	0	0.	0.	-10.79	
36E	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	222.69	
36E	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-544.76	
36E	0.17	DEAD	LinStatic	3	0.01747	0.00753	460.71	
36E	0.34	DEAD	LinStatic	0	0.	0.	2.3	
36E	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	1072.34	
36E	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-10199.32	
36E	0.34	DEAD	LinStatic	3	0.01747	0.00753	12400.86	
36E	0.	Lr	LinStatic	0	0.	0.	-65.38	
36E	0.	Lr	LinStatic	1	-0.00753	-0.01747	-600.98	
36E	0.	Lr	LinStatic	2	-0.00753	0.00753	8929.23	
36E	0.	Lr	LinStatic	3	0.01747	0.00753	-11404.87	
36E	0.17	Lr	LinStatic	0	0.	0.	-65.38	
36E	0.17	Lr	LinStatic	1	-0.00753	-0.01747	190.14	
36E	0.17	Lr	LinStatic	2	-0.00753	0.00753	-609.52	
36E	0.17	Lr	LinStatic	3	0.01747	0.00753	397.49	
36E	0.34	Lr	LinStatic	0	0.	0.	-65.38	
36E	0.34	Lr	LinStatic	1	-0.00753	-0.01747	981.26	
36E	0.34	Lr	LinStatic	2	-0.00753	0.00753	-10148.28	
36E	0.34	Lr	LinStatic	3	0.01747	0.00753	12199.85	
36E	0.	Le	LinStatic	0	0.	0.	-29.29	
36E	0.	Le	LinStatic	1	-0.00753	-0.01747	-269.27	
36E	0.	Le	LinStatic	2	-0.00753	0.00753	4000.76	
36E	0.	Le	LinStatic	3	0.01747	0.00753	-5109.97	
36E	0.17	Le	LinStatic	0	0.	0.	-29.29	
36E	0.17	Le	LinStatic	1	-0.00753	-0.01747	85.19	
36E	0.17	Le	LinStatic	2	-0.00753	0.00753	-273.1	
36E	0.17	Le	LinStatic	3	0.01747	0.00753	178.1	
36E	0.34	Le	LinStatic	0	0.	0.	-29.29	
36E	0.34	Le	LinStatic	1	-0.00753	-0.01747	439.65	
36E	0.34	Le	LinStatic	2	-0.00753	0.00753	-4546.96	
36E	0.34	Le	LinStatic	3	0.01747	0.00753	5466.17	
36F	0.	DEAD	LinStatic	0	0.	0.	-1816.56	-20.6
36F	0.	DEAD	LinStatic	1	-0.0075	0.	913.04	0.
36F	0.	DEAD	LinStatic	2	-0.005303	-0.005303	77.85	-34.37
36F	0.	DEAD	LinStatic	3	-0.005303	0.005303	149.28	13.76
36F	0.	DEAD	LinStatic	4	0.	-0.0075	-1867.07	-54.64
36F	0.	DEAD	LinStatic	5	0.	0.0075	-1766.05	13.43

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
36F	0.	DEAD	LinStatic	6	0.005303	-0.005303	-3782.4	-34.37
36F	0.	DEAD	LinStatic	7	0.005303	0.005303	-3710.97	13.76
36F	0.	DEAD	LinStatic	8	0.0075	0.	-4546.16	0.
36F	0.26249	DEAD	LinStatic	0	0.	0.	-1803.48	-7.653E-02
36F	0.26249	DEAD	LinStatic	1	-0.0075	0.	2011.73	0.
36F	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	960.68	-24.1
36F	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	827.89	24.03
36F	0.26249	DEAD	LinStatic	4	0.	-0.0075	-1709.58	-34.11
36F	0.26249	DEAD	LinStatic	5	0.	0.0075	-1897.37	33.96
36F	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-4434.84	-24.1
36F	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-4567.63	24.03
36F	0.26249	DEAD	LinStatic	8	0.0075	0.	-5618.68	0.
36F	0.52498	DEAD	LinStatic	0	0.	0.	-1790.39	20.45
36F	0.52498	DEAD	LinStatic	1	-0.0075	0.	955.28	0.
36F	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	319.6	-13.84
36F	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-17.41	34.29
36F	0.52498	DEAD	LinStatic	4	0.	-0.0075	-1552.08	-13.58
36F	0.52498	DEAD	LinStatic	5	0.	0.0075	-2028.7	54.48
36F	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-3563.37	-13.84
36F	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-3900.38	34.29
36F	0.52498	DEAD	LinStatic	8	0.0075	0.	-4536.06	0.
36F	0.	Lr	LinStatic	0	0.	0.	-1791.27	-9.812E-02
36F	0.	Lr	LinStatic	1	-0.0075	0.	1614.16	0.
36F	0.	Lr	LinStatic	2	-0.005303	-0.005303	579.3	-23.22
36F	0.	Lr	LinStatic	3	-0.005303	0.005303	654.17	23.12
36F	0.	Lr	LinStatic	4	0.	-0.0075	-1844.21	-32.86
36F	0.	Lr	LinStatic	5	0.	0.0075	-1738.34	32.67
36F	0.	Lr	LinStatic	6	0.005303	-0.005303	-4236.72	-23.22
36F	0.	Lr	LinStatic	7	0.005303	0.005303	-4161.85	23.12
36F	0.	Lr	LinStatic	8	0.0075	0.	-5196.71	0.
36F	0.26249	Lr	LinStatic	0	0.	0.	-1791.27	-9.812E-02
36F	0.26249	Lr	LinStatic	1	-0.0075	0.	1624.46	0.
36F	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	688.89	-23.22
36F	0.26249	Lr	LinStatic	3	-0.005303	0.005303	559.15	23.12
36F	0.26249	Lr	LinStatic	4	0.	-0.0075	-1699.53	-32.86
36F	0.26249	Lr	LinStatic	5	0.	0.0075	-1883.02	32.67
36F	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-4141.7	-23.22
36F	0.26249	Lr	LinStatic	7	0.005303	0.005303	-4271.44	23.12
36F	0.26249	Lr	LinStatic	8	0.0075	0.	-5207.01	0.
36F	0.52498	Lr	LinStatic	0	0.	0.	-1791.27	-9.812E-02
36F	0.52498	Lr	LinStatic	1	-0.0075	0.	1634.77	0.
36F	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	798.48	-23.22
36F	0.52498	Lr	LinStatic	3	-0.005303	0.005303	464.13	23.12
36F	0.52498	Lr	LinStatic	4	0.	-0.0075	-1554.85	-32.86
36F	0.52498	Lr	LinStatic	5	0.	0.0075	-2027.7	32.67
36F	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-4046.68	-23.22
36F	0.52498	Lr	LinStatic	7	0.005303	0.005303	-4381.03	23.12
36F	0.52498	Lr	LinStatic	8	0.0075	0.	-5217.32	0.
36F	0.	Le	LinStatic	0	0.	0.	-802.58	-4.396E-02
36F	0.	Le	LinStatic	1	-0.0075	0.	723.23	0.
36F	0.	Le	LinStatic	2	-0.005303	-0.005303	259.56	-10.4
36F	0.	Le	LinStatic	3	-0.005303	0.005303	293.1	10.36
36F	0.	Le	LinStatic	4	0.	-0.0075	-826.3	-14.73
36F	0.	Le	LinStatic	5	0.	0.0075	-778.86	14.64

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
36F	0.	Le	LinStatic	6	0.005303	-0.005303	-1898.27	-10.4
36F	0.	Le	LinStatic	7	0.005303	0.005303	-1864.72	10.36
36F	0.	Le	LinStatic	8	0.0075	0.	-2328.4	0.
36F	0.26249	Le	LinStatic	0	0.	0.	-802.58	-4.396E-02
36F	0.26249	Le	LinStatic	1	-0.0075	0.	727.84	0.
36F	0.26249	Le	LinStatic	2	-0.005303	-0.005303	308.66	-10.4
36F	0.26249	Le	LinStatic	3	-0.005303	0.005303	250.53	10.36
36F	0.26249	Le	LinStatic	4	0.	-0.0075	-761.48	-14.73
36F	0.26249	Le	LinStatic	5	0.	0.0075	-843.69	14.64
36F	0.26249	Le	LinStatic	6	0.005303	-0.005303	-1855.69	-10.4
36F	0.26249	Le	LinStatic	7	0.005303	0.005303	-1913.83	10.36
36F	0.26249	Le	LinStatic	8	0.0075	0.	-2333.01	0.
36F	0.52498	Le	LinStatic	0	0.	0.	-802.58	-4.396E-02
36F	0.52498	Le	LinStatic	1	-0.0075	0.	732.46	0.
36F	0.52498	Le	LinStatic	2	-0.005303	-0.005303	357.76	-10.4
36F	0.52498	Le	LinStatic	3	-0.005303	0.005303	207.95	10.36
36F	0.52498	Le	LinStatic	4	0.	-0.0075	-696.65	-14.73
36F	0.52498	Le	LinStatic	5	0.	0.0075	-908.51	14.64
36F	0.52498	Le	LinStatic	6	0.005303	-0.005303	-1813.12	-10.4
36F	0.52498	Le	LinStatic	7	0.005303	0.005303	-1962.93	10.36
36F	0.52498	Le	LinStatic	8	0.0075	0.	-2337.63	0.
370	0.	DEAD	LinStatic	0	0.	0.	7146.92	-19.49
370	0.	DEAD	LinStatic	1	-0.0075	0.	9869.97	0.
370	0.	DEAD	LinStatic	2	-0.005303	-0.005303	9090.97	2.44
370	0.	DEAD	LinStatic	3	-0.005303	0.005303	9053.85	-21.93
370	0.	DEAD	LinStatic	4	0.	-0.0075	7173.17	-2.25
370	0.	DEAD	LinStatic	5	0.	0.0075	7120.68	-36.72
370	0.	DEAD	LinStatic	6	0.005303	-0.005303	5240.	2.44
370	0.	DEAD	LinStatic	7	0.005303	0.005303	5202.88	-21.93
370	0.	DEAD	LinStatic	8	0.0075	0.	4423.88	0.
370	0.26249	DEAD	LinStatic	0	0.	0.	7160.01	1.04
370	0.26249	DEAD	LinStatic	1	-0.0075	0.	10851.55	0.
370	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	9739.48	12.71
370	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	9801.17	-11.67
370	0.26249	DEAD	LinStatic	4	0.	-0.0075	7116.39	18.27
370	0.26249	DEAD	LinStatic	5	0.	0.0075	7203.63	-16.2
370	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	4518.86	12.71
370	0.26249	DEAD	LinStatic	7	0.005303	0.005303	4580.54	-11.67
370	0.26249	DEAD	LinStatic	8	0.0075	0.	3468.47	0.
370	0.52498	DEAD	LinStatic	0	0.	0.	7173.1	21.56
370	0.52498	DEAD	LinStatic	1	-0.0075	0.	9677.99	0.
370	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	8864.08	22.97
370	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	9024.57	-1.4
370	0.52498	DEAD	LinStatic	4	0.	-0.0075	7059.62	38.8
370	0.52498	DEAD	LinStatic	5	0.	0.0075	7286.57	4.33
370	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	5321.63	22.97
370	0.52498	DEAD	LinStatic	7	0.005303	0.005303	5482.11	-1.4
370	0.52498	DEAD	LinStatic	8	0.0075	0.	4668.2	0.
370	0.	Lr	LinStatic	0	0.	0.	7085.2	1.05
370	0.	Lr	LinStatic	1	-0.0075	0.	10490.71	0.
370	0.	Lr	LinStatic	2	-0.005303	-0.005303	9504.92	12.85
370	0.	Lr	LinStatic	3	-0.005303	0.005303	9481.6	-11.8
370	0.	Lr	LinStatic	4	0.	-0.0075	7101.68	18.47
370	0.	Lr	LinStatic	5	0.	0.0075	7068.71	-16.38

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
370	0.	Lr	LinStatic	6	0.005303	-0.005303	4688.79	12.85
370	0.	Lr	LinStatic	7	0.005303	0.005303	4665.48	-11.8
370	0.	Lr	LinStatic	8	0.0075	0.	3679.68	0.
370	0.26249	Lr	LinStatic	0	0.	0.	7085.2	1.05
370	0.26249	Lr	LinStatic	1	-0.0075	0.	10380.92	0.
370	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	9383.5	12.85
370	0.26249	Lr	LinStatic	3	-0.005303	0.005303	9447.75	-11.8
370	0.26249	Lr	LinStatic	4	0.	-0.0075	7039.77	18.47
370	0.26249	Lr	LinStatic	5	0.	0.0075	7130.63	-16.38
370	0.26249	Lr	LinStatic	6	0.005303	-0.005303	4722.65	12.85
370	0.26249	Lr	LinStatic	7	0.005303	0.005303	4786.9	-11.8
370	0.26249	Lr	LinStatic	8	0.0075	0.	3789.48	0.
370	0.52498	Lr	LinStatic	0	0.	0.	7085.2	1.05
370	0.52498	Lr	LinStatic	1	-0.0075	0.	10271.12	0.
370	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	9262.07	12.85
370	0.52498	Lr	LinStatic	3	-0.005303	0.005303	9413.89	-11.8
370	0.52498	Lr	LinStatic	4	0.	-0.0075	6977.85	18.47
370	0.52498	Lr	LinStatic	5	0.	0.0075	7192.55	-16.38
370	0.52498	Lr	LinStatic	6	0.005303	-0.005303	4756.5	12.85
370	0.52498	Lr	LinStatic	7	0.005303	0.005303	4908.32	-11.8
370	0.52498	Lr	LinStatic	8	0.0075	0.	3899.28	0.
370	0.	Le	LinStatic	0	0.	0.	3174.54	0.47
370	0.	Le	LinStatic	1	-0.0075	0.	4700.38	0.
370	0.	Le	LinStatic	2	-0.005303	-0.005303	4258.7	5.76
370	0.	Le	LinStatic	3	-0.005303	0.005303	4248.25	-5.29
370	0.	Le	LinStatic	4	0.	-0.0075	3181.92	8.28
370	0.	Le	LinStatic	5	0.	0.0075	3167.15	-7.34
370	0.	Le	LinStatic	6	0.005303	-0.005303	2100.82	5.76
370	0.	Le	LinStatic	7	0.005303	0.005303	2090.38	-5.29
370	0.	Le	LinStatic	8	0.0075	0.	1648.69	0.
370	0.26249	Le	LinStatic	0	0.	0.	3174.54	0.47
370	0.26249	Le	LinStatic	1	-0.0075	0.	4651.19	0.
370	0.26249	Le	LinStatic	2	-0.005303	-0.005303	4204.29	5.76
370	0.26249	Le	LinStatic	3	-0.005303	0.005303	4233.08	-5.29
370	0.26249	Le	LinStatic	4	0.	-0.0075	3154.18	8.28
370	0.26249	Le	LinStatic	5	0.	0.0075	3194.89	-7.34
370	0.26249	Le	LinStatic	6	0.005303	-0.005303	2115.99	5.76
370	0.26249	Le	LinStatic	7	0.005303	0.005303	2144.78	-5.29
370	0.26249	Le	LinStatic	8	0.0075	0.	1697.88	0.
370	0.52498	Le	LinStatic	0	0.	0.	3174.54	0.47
370	0.52498	Le	LinStatic	1	-0.0075	0.	4601.99	0.
370	0.52498	Le	LinStatic	2	-0.005303	-0.005303	4149.89	5.76
370	0.52498	Le	LinStatic	3	-0.005303	0.005303	4217.91	-5.29
370	0.52498	Le	LinStatic	4	0.	-0.0075	3126.44	8.28
370	0.52498	Le	LinStatic	5	0.	0.0075	3222.64	-7.34
370	0.52498	Le	LinStatic	6	0.005303	-0.005303	2131.16	5.76
370	0.52498	Le	LinStatic	7	0.005303	0.005303	2199.18	-5.29
370	0.52498	Le	LinStatic	8	0.0075	0.	1747.08	0.
371	0.	DEAD	LinStatic	0	0.	0.	-12590.33	-22.53
371	0.	DEAD	LinStatic	1	-0.0075	0.	-10480.12	0.
371	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-11721.69	-28.19
371	0.	DEAD	LinStatic	3	-0.005303	0.005303	-10474.68	5.66
371	0.	DEAD	LinStatic	4	0.	-0.0075	-13472.1	-46.46
371	0.	DEAD	LinStatic	5	0.	0.0075	-11708.56	1.4

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
371	0.	DEAD	LinStatic	6	0.005303	-0.005303	-14705.98	-28.19
371	0.	DEAD	LinStatic	7	0.005303	0.005303	-13458.97	5.66
371	0.	DEAD	LinStatic	8	0.0075	0.	-14700.54	0.
371	0.26249	DEAD	LinStatic	0	0.	0.	-12577.24	-2.
371	0.26249	DEAD	LinStatic	1	-0.0075	0.	-9179.18	0.
371	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-10173.81	-17.92
371	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-10175.09	15.92
371	0.26249	DEAD	LinStatic	4	0.	-0.0075	-12576.34	-25.93
371	0.26249	DEAD	LinStatic	5	0.	0.0075	-12578.15	21.93
371	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-14979.4	-17.92
371	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-14980.67	15.92
371	0.26249	DEAD	LinStatic	8	0.0075	0.	-15975.3	0.
371	0.52498	DEAD	LinStatic	0	0.	0.	-12564.16	18.52
371	0.52498	DEAD	LinStatic	1	-0.0075	0.	-10033.39	0.
371	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-10149.85	-7.66
371	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-11399.42	26.18
371	0.52498	DEAD	LinStatic	4	0.	-0.0075	-11680.58	-5.41
371	0.52498	DEAD	LinStatic	5	0.	0.0075	-13447.74	42.45
371	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-13728.89	-7.66
371	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-14978.47	26.18
371	0.52498	DEAD	LinStatic	8	0.0075	0.	-15094.92	0.
371	0.	Lr	LinStatic	0	0.	0.	-12441.25	-2.
371	0.	Lr	LinStatic	1	-0.0075	0.	-9648.25	0.
371	0.	Lr	LinStatic	2	-0.005303	-0.005303	-11085.67	-17.12
371	0.	Lr	LinStatic	3	-0.005303	0.005303	-9846.93	15.12
371	0.	Lr	LinStatic	4	0.	-0.0075	-13317.17	-24.8
371	0.	Lr	LinStatic	5	0.	0.0075	-11565.33	20.8
371	0.	Lr	LinStatic	6	0.005303	-0.005303	-15035.57	-17.12
371	0.	Lr	LinStatic	7	0.005303	0.005303	-13796.83	15.12
371	0.	Lr	LinStatic	8	0.0075	0.	-15234.25	0.
371	0.26249	Lr	LinStatic	0	0.	0.	-12441.25	-2.
371	0.26249	Lr	LinStatic	1	-0.0075	0.	-9438.35	0.
371	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-10318.06	-17.12
371	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-10317.7	15.12
371	0.26249	Lr	LinStatic	4	0.	-0.0075	-12441.51	-24.8
371	0.26249	Lr	LinStatic	5	0.	0.0075	-12440.99	20.8
371	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-14564.8	-17.12
371	0.26249	Lr	LinStatic	7	0.005303	0.005303	-14564.44	15.12
371	0.26249	Lr	LinStatic	8	0.0075	0.	-15444.15	0.
371	0.52498	Lr	LinStatic	0	0.	0.	-12441.25	-2.
371	0.52498	Lr	LinStatic	1	-0.0075	0.	-9228.46	0.
371	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-9550.45	-17.12
371	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-10788.47	15.12
371	0.52498	Lr	LinStatic	4	0.	-0.0075	-11565.84	-24.8
371	0.52498	Lr	LinStatic	5	0.	0.0075	-13316.66	20.8
371	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-14094.03	-17.12
371	0.52498	Lr	LinStatic	7	0.005303	0.005303	-15332.05	15.12
371	0.52498	Lr	LinStatic	8	0.0075	0.	-15654.05	0.
371	0.	Le	LinStatic	0	0.	0.	-5574.33	-0.9
371	0.	Le	LinStatic	1	-0.0075	0.	-4322.92	0.
371	0.	Le	LinStatic	2	-0.005303	-0.005303	-4966.96	-7.67
371	0.	Le	LinStatic	3	-0.005303	0.005303	-4411.94	6.78
371	0.	Le	LinStatic	4	0.	-0.0075	-5966.78	-11.11
371	0.	Le	LinStatic	5	0.	0.0075	-5181.87	9.32

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
371	0.	Le	LinStatic	6	0.005303	-0.005303	-6736.72	-7.67
371	0.	Le	LinStatic	7	0.005303	0.005303	-6181.7	6.78
371	0.	Le	LinStatic	8	0.0075	0.	-6825.74	0.
371	0.26249	Le	LinStatic	0	0.	0.	-5574.33	-0.9
371	0.26249	Le	LinStatic	1	-0.0075	0.	-4228.87	0.
371	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-4623.03	-7.67
371	0.26249	Le	LinStatic	3	-0.005303	0.005303	-4622.87	6.78
371	0.26249	Le	LinStatic	4	0.	-0.0075	-5574.44	-11.11
371	0.26249	Le	LinStatic	5	0.	0.0075	-5574.21	9.32
371	0.26249	Le	LinStatic	6	0.005303	-0.005303	-6525.79	-7.67
371	0.26249	Le	LinStatic	7	0.005303	0.005303	-6525.63	6.78
371	0.26249	Le	LinStatic	8	0.0075	0.	-6919.78	0.
371	0.52498	Le	LinStatic	0	0.	0.	-5574.33	-0.9
371	0.52498	Le	LinStatic	1	-0.0075	0.	-4134.83	0.
371	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-4279.1	-7.67
371	0.52498	Le	LinStatic	3	-0.005303	0.005303	-4833.79	6.78
371	0.52498	Le	LinStatic	4	0.	-0.0075	-5182.1	-11.11
371	0.52498	Le	LinStatic	5	0.	0.0075	-5966.56	9.32
371	0.52498	Le	LinStatic	6	0.005303	-0.005303	-6314.86	-7.67
371	0.52498	Le	LinStatic	7	0.005303	0.005303	-6869.55	6.78
371	0.52498	Le	LinStatic	8	0.0075	0.	-7013.83	0.
372	0.	DEAD	LinStatic	0	0.	0.	17923.77	-17.67
372	0.	DEAD	LinStatic	1	-0.0075	0.	20153.14	0.
372	0.	DEAD	LinStatic	2	-0.005303	-0.005303	19489.16	6.1
372	0.	DEAD	LinStatic	3	-0.005303	0.005303	19511.19	-23.78
372	0.	DEAD	LinStatic	4	0.	-0.0075	17908.2	3.45
372	0.	DEAD	LinStatic	5	0.	0.0075	17939.35	-38.8
372	0.	DEAD	LinStatic	6	0.005303	-0.005303	16336.36	6.1
372	0.	DEAD	LinStatic	7	0.005303	0.005303	16358.39	-23.78
372	0.	DEAD	LinStatic	8	0.0075	0.	15694.41	0.
372	0.26249	DEAD	LinStatic	0	0.	0.	17936.86	2.85
372	0.26249	DEAD	LinStatic	1	-0.0075	0.	20944.26	0.
372	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	19977.36	16.37
372	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	20149.47	-13.51
372	0.26249	DEAD	LinStatic	4	0.	-0.0075	17815.16	23.98
372	0.26249	DEAD	LinStatic	5	0.	0.0075	18058.56	-18.27
372	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	15724.24	16.37
372	0.26249	DEAD	LinStatic	7	0.005303	0.005303	15896.35	-13.51
372	0.26249	DEAD	LinStatic	8	0.0075	0.	14929.45	0.
372	0.52498	DEAD	LinStatic	0	0.	0.	17949.94	23.38
372	0.52498	DEAD	LinStatic	1	-0.0075	0.	19580.25	0.
372	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	18941.65	26.63
372	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	19263.84	-3.25
372	0.52498	DEAD	LinStatic	4	0.	-0.0075	17722.12	44.51
372	0.52498	DEAD	LinStatic	5	0.	0.0075	18177.77	2.25
372	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	16636.05	26.63
372	0.52498	DEAD	LinStatic	7	0.005303	0.005303	16958.24	-3.25
372	0.52498	DEAD	LinStatic	8	0.0075	0.	16319.64	0.
372	0.	Lr	LinStatic	0	0.	0.	17738.14	2.84
372	0.	Lr	LinStatic	1	-0.0075	0.	20654.99	0.
372	0.	Lr	LinStatic	2	-0.005303	-0.005303	19783.06	16.68
372	0.	Lr	LinStatic	3	-0.005303	0.005303	19818.27	-13.84
372	0.	Lr	LinStatic	4	0.	-0.0075	17713.24	24.42
372	0.	Lr	LinStatic	5	0.	0.0075	17763.04	-18.74

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
372	0.	Lr	LinStatic	6	0.005303	-0.005303	15658.01	16.68
372	0.	Lr	LinStatic	7	0.005303	0.005303	15693.22	-13.84
372	0.	Lr	LinStatic	8	0.0075	0.	14821.29	0.
372	0.26249	Lr	LinStatic	0	0.	0.	17738.14	2.84
372	0.26249	Lr	LinStatic	1	-0.0075	0.	20357.16	0.
372	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	19502.97	16.68
372	0.26249	Lr	LinStatic	3	-0.005303	0.005303	19677.16	-13.84
372	0.26249	Lr	LinStatic	4	0.	-0.0075	17614.97	24.42
372	0.26249	Lr	LinStatic	5	0.	0.0075	17861.31	-18.74
372	0.26249	Lr	LinStatic	6	0.005303	-0.005303	15799.12	16.68
372	0.26249	Lr	LinStatic	7	0.005303	0.005303	15973.3	-13.84
372	0.26249	Lr	LinStatic	8	0.0075	0.	15119.12	0.
372	0.52498	Lr	LinStatic	0	0.	0.	17738.14	2.84
372	0.52498	Lr	LinStatic	1	-0.0075	0.	20059.33	0.
372	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	19222.89	16.68
372	0.52498	Lr	LinStatic	3	-0.005303	0.005303	19536.05	-13.84
372	0.52498	Lr	LinStatic	4	0.	-0.0075	17516.7	24.42
372	0.52498	Lr	LinStatic	5	0.	0.0075	17959.58	-18.74
372	0.52498	Lr	LinStatic	6	0.005303	-0.005303	15940.23	16.68
372	0.52498	Lr	LinStatic	7	0.005303	0.005303	16253.39	-13.84
372	0.52498	Lr	LinStatic	8	0.0075	0.	15416.95	0.
372	0.	Le	LinStatic	0	0.	0.	7947.61	1.27
372	0.	Le	LinStatic	1	-0.0075	0.	9254.51	0.
372	0.	Le	LinStatic	2	-0.005303	-0.005303	8863.84	7.47
372	0.	Le	LinStatic	3	-0.005303	0.005303	8879.61	-6.2
372	0.	Le	LinStatic	4	0.	-0.0075	7936.45	10.94
372	0.	Le	LinStatic	5	0.	0.0075	7958.76	-8.4
372	0.	Le	LinStatic	6	0.005303	-0.005303	7015.6	7.47
372	0.	Le	LinStatic	7	0.005303	0.005303	7031.38	-6.2
372	0.	Le	LinStatic	8	0.0075	0.	6640.71	0.
372	0.26249	Le	LinStatic	0	0.	0.	7947.61	1.27
372	0.26249	Le	LinStatic	1	-0.0075	0.	9121.07	0.
372	0.26249	Le	LinStatic	2	-0.005303	-0.005303	8738.35	7.47
372	0.26249	Le	LinStatic	3	-0.005303	0.005303	8816.39	-6.2
372	0.26249	Le	LinStatic	4	0.	-0.0075	7892.42	10.94
372	0.26249	Le	LinStatic	5	0.	0.0075	8002.79	-8.4
372	0.26249	Le	LinStatic	6	0.005303	-0.005303	7078.83	7.47
372	0.26249	Le	LinStatic	7	0.005303	0.005303	7156.87	-6.2
372	0.26249	Le	LinStatic	8	0.0075	0.	6774.15	0.
372	0.52498	Le	LinStatic	0	0.	0.	7947.61	1.27
372	0.52498	Le	LinStatic	1	-0.0075	0.	8987.62	0.
372	0.52498	Le	LinStatic	2	-0.005303	-0.005303	8612.85	7.47
372	0.52498	Le	LinStatic	3	-0.005303	0.005303	8753.17	-6.2
372	0.52498	Le	LinStatic	4	0.	-0.0075	7848.39	10.94
372	0.52498	Le	LinStatic	5	0.	0.0075	8046.82	-8.4
372	0.52498	Le	LinStatic	6	0.005303	-0.005303	7142.05	7.47
372	0.52498	Le	LinStatic	7	0.005303	0.005303	7282.36	-6.2
372	0.52498	Le	LinStatic	8	0.0075	0.	6907.59	0.
373	0.	DEAD	LinStatic	0	0.	0.	-23359.07	-24.73
373	0.	DEAD	LinStatic	1	-0.0075	0.	-22514.07	0.
373	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-24088.86	-20.75
373	0.	DEAD	LinStatic	3	-0.005303	0.005303	-21434.27	-3.98
373	0.	DEAD	LinStatic	4	0.	-0.0075	-25236.15	-36.59
373	0.	DEAD	LinStatic	5	0.	0.0075	-21481.99	-12.87

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
373	0.	DEAD	LinStatic	6	0.005303	-0.005303	-25283.88	-20.75
373	0.	DEAD	LinStatic	7	0.005303	0.005303	-22629.29	-3.98
373	0.	DEAD	LinStatic	8	0.0075	0.	-24204.08	0.
373	0.26249	DEAD	LinStatic	0	0.	0.	-23345.99	-4.21
373	0.26249	DEAD	LinStatic	1	-0.0075	0.	-20981.75	0.
373	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	-21788.98	-10.49
373	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	-21559.46	6.28
373	0.26249	DEAD	LinStatic	4	0.	-0.0075	-23508.29	-16.07
373	0.26249	DEAD	LinStatic	5	0.	0.0075	-23183.69	7.65
373	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	-25132.52	-10.49
373	0.26249	DEAD	LinStatic	7	0.005303	0.005303	-24902.99	6.28
373	0.26249	DEAD	LinStatic	8	0.0075	0.	-25710.22	0.
373	0.52498	DEAD	LinStatic	0	0.	0.	-23332.9	16.32
373	0.52498	DEAD	LinStatic	1	-0.0075	0.	-21604.58	0.
373	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	-21013.02	-0.23
373	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	-23208.56	16.55
373	0.52498	DEAD	LinStatic	4	0.	-0.0075	-21780.42	4.46
373	0.52498	DEAD	LinStatic	5	0.	0.0075	-24885.38	28.18
373	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	-23457.24	-0.23
373	0.52498	DEAD	LinStatic	7	0.005303	0.005303	-25652.78	16.55
373	0.52498	DEAD	LinStatic	8	0.0075	0.	-25061.23	0.
373	0.	Lr	LinStatic	0	0.	0.	-23086.05	-4.21
373	0.	Lr	LinStatic	1	-0.0075	0.	-21548.36	0.
373	0.	Lr	LinStatic	2	-0.005303	-0.005303	-23320.77	-9.51
373	0.	Lr	LinStatic	3	-0.005303	0.005303	-20676.71	5.31
373	0.	Lr	LinStatic	4	0.	-0.0075	-24955.68	-14.68
373	0.	Lr	LinStatic	5	0.	0.0075	-21216.42	6.27
373	0.	Lr	LinStatic	6	0.005303	-0.005303	-25495.39	-9.51
373	0.	Lr	LinStatic	7	0.005303	0.005303	-22851.33	5.31
373	0.	Lr	LinStatic	8	0.0075	0.	-24623.74	0.
373	0.26249	Lr	LinStatic	0	0.	0.	-23086.05	-4.21
373	0.26249	Lr	LinStatic	1	-0.0075	0.	-21106.65	0.
373	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	-21802.88	-9.51
373	0.26249	Lr	LinStatic	3	-0.005303	0.005303	-21569.93	5.31
373	0.26249	Lr	LinStatic	4	0.	-0.0075	-23250.77	-14.68
373	0.26249	Lr	LinStatic	5	0.	0.0075	-22921.33	6.27
373	0.26249	Lr	LinStatic	6	0.005303	-0.005303	-24602.17	-9.51
373	0.26249	Lr	LinStatic	7	0.005303	0.005303	-24369.22	5.31
373	0.26249	Lr	LinStatic	8	0.0075	0.	-25065.45	0.
373	0.52498	Lr	LinStatic	0	0.	0.	-23086.05	-4.21
373	0.52498	Lr	LinStatic	1	-0.0075	0.	-20664.93	0.
373	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	-20284.98	-9.51
373	0.52498	Lr	LinStatic	3	-0.005303	0.005303	-22463.14	5.31
373	0.52498	Lr	LinStatic	4	0.	-0.0075	-21545.86	-14.68
373	0.52498	Lr	LinStatic	5	0.	0.0075	-24626.24	6.27
373	0.52498	Lr	LinStatic	6	0.005303	-0.005303	-23708.96	-9.51
373	0.52498	Lr	LinStatic	7	0.005303	0.005303	-25887.12	5.31
373	0.52498	Lr	LinStatic	8	0.0075	0.	-25507.17	0.
373	0.	Le	LinStatic	0	0.	0.	-10343.75	-1.88
373	0.	Le	LinStatic	1	-0.0075	0.	-9654.79	0.
373	0.	Le	LinStatic	2	-0.005303	-0.005303	-10448.92	-4.26
373	0.	Le	LinStatic	3	-0.005303	0.005303	-9264.24	2.38
373	0.	Le	LinStatic	4	0.	-0.0075	-11181.44	-6.58
373	0.	Le	LinStatic	5	0.	0.0075	-9506.06	2.81

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
373	0.	Le	LinStatic	6	0.005303	-0.005303	-11423.26	-4.26
373	0.	Le	LinStatic	7	0.005303	0.005303	-10238.58	2.38
373	0.	Le	LinStatic	8	0.0075	0.	-11032.71	0.
373	0.26249	Le	LinStatic	0	0.	0.	-10343.75	-1.88
373	0.26249	Le	LinStatic	1	-0.0075	0.	-9456.87	0.
373	0.26249	Le	LinStatic	2	-0.005303	-0.005303	-9768.82	-4.26
373	0.26249	Le	LinStatic	3	-0.005303	0.005303	-9664.45	2.38
373	0.26249	Le	LinStatic	4	0.	-0.0075	-10417.55	-6.58
373	0.26249	Le	LinStatic	5	0.	0.0075	-10269.95	2.81
373	0.26249	Le	LinStatic	6	0.005303	-0.005303	-11023.05	-4.26
373	0.26249	Le	LinStatic	7	0.005303	0.005303	-10918.68	2.38
373	0.26249	Le	LinStatic	8	0.0075	0.	-11230.62	0.
373	0.52498	Le	LinStatic	0	0.	0.	-10343.75	-1.88
373	0.52498	Le	LinStatic	1	-0.0075	0.	-9258.96	0.
373	0.52498	Le	LinStatic	2	-0.005303	-0.005303	-9088.73	-4.26
373	0.52498	Le	LinStatic	3	-0.005303	0.005303	-10064.65	2.38
373	0.52498	Le	LinStatic	4	0.	-0.0075	-9653.66	-6.58
373	0.52498	Le	LinStatic	5	0.	0.0075	-11033.83	2.81
373	0.52498	Le	LinStatic	6	0.005303	-0.005303	-10622.85	-4.26
373	0.52498	Le	LinStatic	7	0.005303	0.005303	-11598.77	2.38
373	0.52498	Le	LinStatic	8	0.0075	0.	-11428.54	0.
374	0.	DEAD	LinStatic	0	0.	0.	28733.29	-19.32
374	0.	DEAD	LinStatic	1	-0.0075	0.	29648.38	0.
374	0.	DEAD	LinStatic	2	-0.005303	-0.005303	29360.23	3.37
374	0.	DEAD	LinStatic	3	-0.005303	0.005303	29400.48	-22.69
374	0.	DEAD	LinStatic	4	0.	-0.0075	28704.83	-0.89
374	0.	DEAD	LinStatic	5	0.	0.0075	28761.74	-37.74
374	0.	DEAD	LinStatic	6	0.005303	-0.005303	28066.1	3.37
374	0.	DEAD	LinStatic	7	0.005303	0.005303	28106.34	-22.69
374	0.	DEAD	LinStatic	8	0.0075	0.	27818.19	0.
374	0.26249	DEAD	LinStatic	0	0.	0.	28746.37	1.21
374	0.26249	DEAD	LinStatic	1	-0.0075	0.	30611.94	0.
374	0.26249	DEAD	LinStatic	2	-0.005303	-0.005303	29672.19	13.63
374	0.26249	DEAD	LinStatic	3	-0.005303	0.005303	30458.86	-12.42
374	0.26249	DEAD	LinStatic	4	0.	-0.0075	28190.11	19.64
374	0.26249	DEAD	LinStatic	5	0.	0.0075	29302.63	-17.21
374	0.26249	DEAD	LinStatic	6	0.005303	-0.005303	27033.88	13.63
374	0.26249	DEAD	LinStatic	7	0.005303	0.005303	27820.55	-12.42
374	0.26249	DEAD	LinStatic	8	0.0075	0.	26880.8	0.
374	0.52498	DEAD	LinStatic	0	0.	0.	28759.46	21.74
374	0.52498	DEAD	LinStatic	1	-0.0075	0.	29420.36	0.
374	0.52498	DEAD	LinStatic	2	-0.005303	-0.005303	28460.24	23.9
374	0.52498	DEAD	LinStatic	3	-0.005303	0.005303	29993.33	-2.16
374	0.52498	DEAD	LinStatic	4	0.	-0.0075	27675.4	40.16
374	0.52498	DEAD	LinStatic	5	0.	0.0075	29843.52	3.31
374	0.52498	DEAD	LinStatic	6	0.005303	-0.005303	27525.59	23.9
374	0.52498	DEAD	LinStatic	7	0.005303	0.005303	29058.67	-2.16
374	0.52498	DEAD	LinStatic	8	0.0075	0.	28098.56	0.
374	0.	Lr	LinStatic	0	0.	0.	28408.54	1.21
374	0.	Lr	LinStatic	1	-0.0075	0.	30026.99	0.
374	0.	Lr	LinStatic	2	-0.005303	-0.005303	29520.58	14.19
374	0.	Lr	LinStatic	3	-0.005303	0.005303	29585.32	-12.98
374	0.	Lr	LinStatic	4	0.	-0.0075	28362.76	20.41
374	0.	Lr	LinStatic	5	0.	0.0075	28454.31	-18.

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
374	0.	Lr	LinStatic	6	0.005303	-0.005303	27231.75	14.19
374	0.	Lr	LinStatic	7	0.005303	0.005303	27296.49	-12.98
374	0.	Lr	LinStatic	8	0.0075	0.	26790.09	0.
374	0.26249	Lr	LinStatic	0	0.	0.	28408.54	1.21
374	0.26249	Lr	LinStatic	1	-0.0075	0.	29900.31	0.
374	0.26249	Lr	LinStatic	2	-0.005303	-0.005303	29062.4	14.19
374	0.26249	Lr	LinStatic	3	-0.005303	0.005303	29864.37	-12.98
374	0.26249	Lr	LinStatic	4	0.	-0.0075	27841.46	20.41
374	0.26249	Lr	LinStatic	5	0.	0.0075	28975.61	-18.
374	0.26249	Lr	LinStatic	6	0.005303	-0.005303	26952.71	14.19
374	0.26249	Lr	LinStatic	7	0.005303	0.005303	27754.67	-12.98
374	0.26249	Lr	LinStatic	8	0.0075	0.	26916.76	0.
374	0.52498	Lr	LinStatic	0	0.	0.	28408.54	1.21
374	0.52498	Lr	LinStatic	1	-0.0075	0.	29773.64	0.
374	0.52498	Lr	LinStatic	2	-0.005303	-0.005303	28604.22	14.19
374	0.52498	Lr	LinStatic	3	-0.005303	0.005303	30143.41	-12.98
374	0.52498	Lr	LinStatic	4	0.	-0.0075	27320.16	20.41
374	0.52498	Lr	LinStatic	5	0.	0.0075	29496.91	-18.
374	0.52498	Lr	LinStatic	6	0.005303	-0.005303	26673.66	14.19
374	0.52498	Lr	LinStatic	7	0.005303	0.005303	28212.86	-12.98
374	0.52498	Lr	LinStatic	8	0.0075	0.	27043.43	0.
374	0.	Le	LinStatic	0	0.	0.	12728.5	0.54
374	0.	Le	LinStatic	1	-0.0075	0.	13453.65	0.
374	0.	Le	LinStatic	2	-0.005303	-0.005303	13226.76	6.36
374	0.	Le	LinStatic	3	-0.005303	0.005303	13255.76	-5.82
374	0.	Le	LinStatic	4	0.	-0.0075	12707.99	9.15
374	0.	Le	LinStatic	5	0.	0.0075	12749.01	-8.07
374	0.	Le	LinStatic	6	0.005303	-0.005303	12201.24	6.36
374	0.	Le	LinStatic	7	0.005303	0.005303	12230.25	-5.82
374	0.	Le	LinStatic	8	0.0075	0.	12003.35	0.
374	0.26249	Le	LinStatic	0	0.	0.	12728.5	0.54
374	0.26249	Le	LinStatic	1	-0.0075	0.	13396.89	0.
374	0.26249	Le	LinStatic	2	-0.005303	-0.005303	13021.47	6.36
374	0.26249	Le	LinStatic	3	-0.005303	0.005303	13380.79	-5.82
374	0.26249	Le	LinStatic	4	0.	-0.0075	12474.42	9.15
374	0.26249	Le	LinStatic	5	0.	0.0075	12982.58	-8.07
374	0.26249	Le	LinStatic	6	0.005303	-0.005303	12076.21	6.36
374	0.26249	Le	LinStatic	7	0.005303	0.005303	12435.54	-5.82
374	0.26249	Le	LinStatic	8	0.0075	0.	12060.11	0.
374	0.52498	Le	LinStatic	0	0.	0.	12728.5	0.54
374	0.52498	Le	LinStatic	1	-0.0075	0.	13340.14	0.
374	0.52498	Le	LinStatic	2	-0.005303	-0.005303	12816.17	6.36
374	0.52498	Le	LinStatic	3	-0.005303	0.005303	13505.81	-5.82
374	0.52498	Le	LinStatic	4	0.	-0.0075	12240.85	9.15
374	0.52498	Le	LinStatic	5	0.	0.0075	13216.15	-8.07
374	0.52498	Le	LinStatic	6	0.005303	-0.005303	11951.19	6.36
374	0.52498	Le	LinStatic	7	0.005303	0.005303	12640.83	-5.82
374	0.52498	Le	LinStatic	8	0.0075	0.	12116.86	0.
3D1	0.	DEAD	LinStatic	0	0.	0.	-1508.79	
3D1	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-3174.09	
3D1	0.	DEAD	LinStatic	2	-0.00753	0.00753	8988.85	
3D1	0.	DEAD	LinStatic	3	0.01747	0.00753	-13702.92	
3D1	0.17	DEAD	LinStatic	0	0.	0.	-1495.7	
3D1	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-217.83	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3D1	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-5852.06	
3D1	0.17	DEAD	LinStatic	3	0.01747	0.00753	2977.86	
3D1	0.34	DEAD	LinStatic	0	0.	0.	-1482.62	
3D1	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	2738.42	
3D1	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-20692.96	
3D1	0.34	DEAD	LinStatic	3	0.01747	0.00753	19658.65	
3D1	0.	Lr	LinStatic	0	0.	0.	-1504.68	
3D1	0.	Lr	LinStatic	1	-0.00753	-0.01747	-3185.96	
3D1	0.	Lr	LinStatic	2	-0.00753	0.00753	8817.01	
3D1	0.	Lr	LinStatic	3	0.01747	0.00753	-13450.54	
3D1	0.17	Lr	LinStatic	0	0.	0.	-1504.68	
3D1	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-224.41	
3D1	0.17	Lr	LinStatic	2	-0.00753	0.00753	-5999.18	
3D1	0.17	Lr	LinStatic	3	0.01747	0.00753	3148.88	
3D1	0.34	Lr	LinStatic	0	0.	0.	-1504.68	
3D1	0.34	Lr	LinStatic	1	-0.00753	-0.01747	2737.13	
3D1	0.34	Lr	LinStatic	2	-0.00753	0.00753	-20815.36	
3D1	0.34	Lr	LinStatic	3	0.01747	0.00753	19748.29	
3D1	0.	Le	LinStatic	0	0.	0.	-674.18	
3D1	0.	Le	LinStatic	1	-0.00753	-0.01747	-1427.47	
3D1	0.	Le	LinStatic	2	-0.00753	0.00753	3950.48	
3D1	0.	Le	LinStatic	3	0.01747	0.00753	-6026.54	
3D1	0.17	Le	LinStatic	0	0.	0.	-674.18	
3D1	0.17	Le	LinStatic	1	-0.00753	-0.01747	-100.55	
3D1	0.17	Le	LinStatic	2	-0.00753	0.00753	-2687.94	
3D1	0.17	Le	LinStatic	3	0.01747	0.00753	1410.86	
3D1	0.34	Le	LinStatic	0	0.	0.	-674.18	
3D1	0.34	Le	LinStatic	1	-0.00753	-0.01747	1226.38	
3D1	0.34	Le	LinStatic	2	-0.00753	0.00753	-9326.36	
3D1	0.34	Le	LinStatic	3	0.01747	0.00753	8848.26	
3D2	0.	DEAD	LinStatic	0	0.	0.	-879.4	
3D2	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1278.2	
3D2	0.	DEAD	LinStatic	2	-0.00753	0.00753	-8544.02	
3D2	0.	DEAD	LinStatic	3	0.01747	0.00753	7082.14	
3D2	0.17	DEAD	LinStatic	0	0.	0.	-866.32	
3D2	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-809.96	
3D2	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-203.13	
3D2	0.17	DEAD	LinStatic	3	0.01747	0.00753	-1798.25	
3D2	0.34	DEAD	LinStatic	0	0.	0.	-853.23	
3D2	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-2898.12	
3D2	0.34	DEAD	LinStatic	2	-0.00753	0.00753	8137.76	
3D2	0.34	DEAD	LinStatic	3	0.01747	0.00753	-10678.64	
3D2	0.	Lr	LinStatic	0	0.	0.	-862.58	
3D2	0.	Lr	LinStatic	1	-0.00753	-0.01747	1257.1	
3D2	0.	Lr	LinStatic	2	-0.00753	0.00753	-8373.76	
3D2	0.	Lr	LinStatic	3	0.01747	0.00753	6934.3	
3D2	0.17	Lr	LinStatic	0	0.	0.	-862.58	
3D2	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-817.21	
3D2	0.17	Lr	LinStatic	2	-0.00753	0.00753	-156.64	
3D2	0.17	Lr	LinStatic	3	0.01747	0.00753	-1839.97	
3D2	0.34	Lr	LinStatic	0	0.	0.	-862.58	
3D2	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-2891.53	
3D2	0.34	Lr	LinStatic	2	-0.00753	0.00753	8060.47	
3D2	0.34	Lr	LinStatic	3	0.01747	0.00753	-10614.24	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3D2	0.	Le	LinStatic	0	0.	0.	-386.48	
3D2	0.	Le	LinStatic	1	-0.00753	-0.01747	563.25	
3D2	0.	Le	LinStatic	2	-0.00753	0.00753	-3751.88	
3D2	0.	Le	LinStatic	3	0.01747	0.00753	3106.93	
3D2	0.17	Le	LinStatic	0	0.	0.	-386.48	
3D2	0.17	Le	LinStatic	1	-0.00753	-0.01747	-366.15	
3D2	0.17	Le	LinStatic	2	-0.00753	0.00753	-70.18	
3D2	0.17	Le	LinStatic	3	0.01747	0.00753	-824.4	
3D2	0.34	Le	LinStatic	0	0.	0.	-386.48	
3D2	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1295.56	
3D2	0.34	Le	LinStatic	2	-0.00753	0.00753	3611.51	
3D2	0.34	Le	LinStatic	3	0.01747	0.00753	-4755.73	
3D3	0.	DEAD	LinStatic	0	0.	0.	-1509.02	
3D3	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-3182.07	
3D3	0.	DEAD	LinStatic	2	-0.00753	0.00753	9025.48	
3D3	0.	DEAD	LinStatic	3	0.01747	0.00753	-13744.06	
3D3	0.17	DEAD	LinStatic	0	0.	0.	-1495.93	
3D3	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-220.42	
3D3	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-5840.62	
3D3	0.17	DEAD	LinStatic	3	0.01747	0.00753	2964.58	
3D3	0.34	DEAD	LinStatic	0	0.	0.	-1482.85	
3D3	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	2741.24	
3D3	0.34	DEAD	LinStatic	2	-0.00753	0.00753	-20706.72	
3D3	0.34	DEAD	LinStatic	3	0.01747	0.00753	19673.23	
3D3	0.	Lr	LinStatic	0	0.	0.	-1504.79	
3D3	0.	Lr	LinStatic	1	-0.00753	-0.01747	-3189.7	
3D3	0.	Lr	LinStatic	2	-0.00753	0.00753	8833.03	
3D3	0.	Lr	LinStatic	3	0.01747	0.00753	-13468.31	
3D3	0.17	Lr	LinStatic	0	0.	0.	-1504.79	
3D3	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-225.56	
3D3	0.17	Lr	LinStatic	2	-0.00753	0.00753	-5994.64	
3D3	0.17	Lr	LinStatic	3	0.01747	0.00753	3143.67	
3D3	0.34	Lr	LinStatic	0	0.	0.	-1504.79	
3D3	0.34	Lr	LinStatic	1	-0.00753	-0.01747	2738.59	
3D3	0.34	Lr	LinStatic	2	-0.00753	0.00753	-20822.31	
3D3	0.34	Lr	LinStatic	3	0.01747	0.00753	19755.64	
3D3	0.	Le	LinStatic	0	0.	0.	-674.22	
3D3	0.	Le	LinStatic	1	-0.00753	-0.01747	-1429.15	
3D3	0.	Le	LinStatic	2	-0.00753	0.00753	3957.66	
3D3	0.	Le	LinStatic	3	0.01747	0.00753	-6034.5	
3D3	0.17	Le	LinStatic	0	0.	0.	-674.22	
3D3	0.17	Le	LinStatic	1	-0.00753	-0.01747	-101.06	
3D3	0.17	Le	LinStatic	2	-0.00753	0.00753	-2685.91	
3D3	0.17	Le	LinStatic	3	0.01747	0.00753	1408.53	
3D3	0.34	Le	LinStatic	0	0.	0.	-674.22	
3D3	0.34	Le	LinStatic	1	-0.00753	-0.01747	1227.03	
3D3	0.34	Le	LinStatic	2	-0.00753	0.00753	-9329.48	
3D3	0.34	Le	LinStatic	3	0.01747	0.00753	8851.55	
3D4	0.	DEAD	LinStatic	0	0.	0.	-878.06	
3D4	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1270.19	
3D4	0.	DEAD	LinStatic	2	-0.00753	0.00753	-8494.73	
3D4	0.	DEAD	LinStatic	3	0.01747	0.00753	7029.53	
3D4	0.17	DEAD	LinStatic	0	0.	0.	-864.98	
3D4	0.17	DEAD	LinStatic	1	-0.00753	-0.01747	-809.26	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3D4	0.17	DEAD	LinStatic	2	-0.00753	0.00753	-195.74	
3D4	0.17	DEAD	LinStatic	3	0.01747	0.00753	-1804.26	
3D4	0.34	DEAD	LinStatic	0	0.	0.	-851.89	
3D4	0.34	DEAD	LinStatic	1	-0.00753	-0.01747	-2888.7	
3D4	0.34	DEAD	LinStatic	2	-0.00753	0.00753	8103.25	
3D4	0.34	DEAD	LinStatic	3	0.01747	0.00753	-10638.05	
3D4	0.	Lr	LinStatic	0	0.	0.	-861.45	
3D4	0.	Lr	LinStatic	1	-0.00753	-0.01747	1247.54	
3D4	0.	Lr	LinStatic	2	-0.00753	0.00753	-8340.97	
3D4	0.	Lr	LinStatic	3	0.01747	0.00753	6904.34	
3D4	0.17	Lr	LinStatic	0	0.	0.	-861.45	
3D4	0.17	Lr	LinStatic	1	-0.00753	-0.01747	-818.2	
3D4	0.17	Lr	LinStatic	2	-0.00753	0.00753	-153.95	
3D4	0.17	Lr	LinStatic	3	0.01747	0.00753	-1838.78	
3D4	0.34	Lr	LinStatic	0	0.	0.	-861.45	
3D4	0.34	Lr	LinStatic	1	-0.00753	-0.01747	-2883.93	
3D4	0.34	Lr	LinStatic	2	-0.00753	0.00753	8033.08	
3D4	0.34	Lr	LinStatic	3	0.01747	0.00753	-10581.9	
3D4	0.	Le	LinStatic	0	0.	0.	-385.97	
3D4	0.	Le	LinStatic	1	-0.00753	-0.01747	558.96	
3D4	0.	Le	LinStatic	2	-0.00753	0.00753	-3737.19	
3D4	0.	Le	LinStatic	3	0.01747	0.00753	3093.5	
3D4	0.17	Le	LinStatic	0	0.	0.	-385.97	
3D4	0.17	Le	LinStatic	1	-0.00753	-0.01747	-366.59	
3D4	0.17	Le	LinStatic	2	-0.00753	0.00753	-68.98	
3D4	0.17	Le	LinStatic	3	0.01747	0.00753	-823.87	
3D4	0.34	Le	LinStatic	0	0.	0.	-385.97	
3D4	0.34	Le	LinStatic	1	-0.00753	-0.01747	-1292.15	
3D4	0.34	Le	LinStatic	2	-0.00753	0.00753	3599.24	
3D4	0.34	Le	LinStatic	3	0.01747	0.00753	-4741.24	
3D5	0.	DEAD	LinStatic	0	0.	0.	0.	
3D5	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-1002.99	
3D5	0.	DEAD	LinStatic	2	-0.00753	0.00753	2266.85	
3D5	0.	DEAD	LinStatic	3	0.01747	0.00753	-1989.8	
3D5	0.277	DEAD	LinStatic	0	0.	0.	0.	
3D5	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	1172.13	
3D5	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-2415.36	
3D5	0.277	DEAD	LinStatic	3	0.01747	0.00753	2016.73	
3D5	0.	Lr	LinStatic	0	0.	0.	0.	
3D5	0.	Lr	LinStatic	1	-0.00753	-0.01747	-1064.44	
3D5	0.	Lr	LinStatic	2	-0.00753	0.00753	2303.5	
3D5	0.	Lr	LinStatic	3	0.01747	0.00753	-1976.73	
3D5	0.277	Lr	LinStatic	0	0.	0.	0.	
3D5	0.277	Lr	LinStatic	1	-0.00753	-0.01747	1073.07	
3D5	0.277	Lr	LinStatic	2	-0.00753	0.00753	-2307.05	
3D5	0.277	Lr	LinStatic	3	0.01747	0.00753	1972.79	
3D5	0.	Le	LinStatic	0	0.	0.	0.	
3D5	0.	Le	LinStatic	1	-0.00753	-0.01747	-476.93	
3D5	0.	Le	LinStatic	2	-0.00753	0.00753	1032.09	
3D5	0.	Le	LinStatic	3	0.01747	0.00753	-885.68	
3D5	0.277	Le	LinStatic	0	0.	0.	0.	
3D5	0.277	Le	LinStatic	1	-0.00753	-0.01747	480.79	
3D5	0.277	Le	LinStatic	2	-0.00753	0.00753	-1033.68	
3D5	0.277	Le	LinStatic	3	0.01747	0.00753	883.91	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3D6	0.	DEAD	LinStatic	0	0.	0.	1.17	
3D6	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-2748.46	
3D6	0.	DEAD	LinStatic	2	-0.00753	0.00753	1754.15	
3D6	0.	DEAD	LinStatic	3	0.01747	0.00753	436.46	
3D6	0.277	DEAD	LinStatic	0	0.	0.	1.17	
3D6	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	2929.89	
3D6	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-1912.32	
3D6	0.277	DEAD	LinStatic	3	0.01747	0.00753	-401.28	
3D6	0.	Lr	LinStatic	0	0.	0.	-0.26	
3D6	0.	Lr	LinStatic	1	-0.00753	-0.01747	-2801.84	
3D6	0.	Lr	LinStatic	2	-0.00753	0.00753	1811.34	
3D6	0.	Lr	LinStatic	3	0.01747	0.00753	409.56	
3D6	0.277	Lr	LinStatic	0	0.	0.	-0.26	
3D6	0.277	Lr	LinStatic	1	-0.00753	-0.01747	2803.43	
3D6	0.277	Lr	LinStatic	2	-0.00753	0.00753	-1813.74	
3D6	0.277	Lr	LinStatic	3	0.01747	0.00753	-409.73	
3D6	0.	Le	LinStatic	0	0.	0.	-0.12	
3D6	0.	Le	LinStatic	1	-0.00753	-0.01747	-1255.37	
3D6	0.	Le	LinStatic	2	-0.00753	0.00753	811.57	
3D6	0.	Le	LinStatic	3	0.01747	0.00753	183.5	
3D6	0.277	Le	LinStatic	0	0.	0.	-0.12	
3D6	0.277	Le	LinStatic	1	-0.00753	-0.01747	1256.08	
3D6	0.277	Le	LinStatic	2	-0.00753	0.00753	-812.65	
3D6	0.277	Le	LinStatic	3	0.01747	0.00753	-183.58	
3D7	0.	DEAD	LinStatic	0	0.	0.	-2.91	
3D7	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-3094.8	
3D7	0.	DEAD	LinStatic	2	-0.00753	0.00753	2828.69	
3D7	0.	DEAD	LinStatic	3	0.01747	0.00753	-649.43	
3D7	0.277	DEAD	LinStatic	0	0.	0.	-2.91	
3D7	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	3258.23	
3D7	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-2988.34	
3D7	0.277	DEAD	LinStatic	3	0.01747	0.00753	677.43	
3D7	0.	Lr	LinStatic	0	0.	0.	-2.77	
3D7	0.	Lr	LinStatic	1	-0.00753	-0.01747	-3151.77	
3D7	0.	Lr	LinStatic	2	-0.00753	0.00753	2877.75	
3D7	0.	Lr	LinStatic	3	0.01747	0.00753	-656.74	
3D7	0.277	Lr	LinStatic	0	0.	0.	-2.77	
3D7	0.277	Lr	LinStatic	1	-0.00753	-0.01747	3148.48	
3D7	0.277	Lr	LinStatic	2	-0.00753	0.00753	-2884.95	
3D7	0.277	Lr	LinStatic	3	0.01747	0.00753	651.16	
3D7	0.	Le	LinStatic	0	0.	0.	-1.24	
3D7	0.	Le	LinStatic	1	-0.00753	-0.01747	-1412.16	
3D7	0.	Le	LinStatic	2	-0.00753	0.00753	1289.38	
3D7	0.	Le	LinStatic	3	0.01747	0.00753	-294.25	
3D7	0.277	Le	LinStatic	0	0.	0.	-1.24	
3D7	0.277	Le	LinStatic	1	-0.00753	-0.01747	1410.68	
3D7	0.277	Le	LinStatic	2	-0.00753	0.00753	-1292.61	
3D7	0.277	Le	LinStatic	3	0.01747	0.00753	291.76	
3D8	0.	DEAD	LinStatic	0	0.	0.	-3.52	
3D8	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-1899.23	
3D8	0.	DEAD	LinStatic	2	-0.00753	0.00753	1591.4	
3D8	0.	DEAD	LinStatic	3	0.01747	0.00753	-213.49	
3D8	0.277	DEAD	LinStatic	0	0.	0.	-3.52	
3D8	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	2057.16	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3D8	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-1757.39	
3D8	0.277	DEAD	LinStatic	3	0.01747	0.00753	251.33	
3D8	0.	Lr	LinStatic	0	0.	0.	-3.53	
3D8	0.	Lr	LinStatic	1	-0.00753	-0.01747	-1956.99	
3D8	0.	Lr	LinStatic	2	-0.00753	0.00753	1649.24	
3D8	0.	Lr	LinStatic	3	0.01747	0.00753	-232.13	
3D8	0.277	Lr	LinStatic	0	0.	0.	-3.53	
3D8	0.277	Lr	LinStatic	1	-0.00753	-0.01747	1953.81	
3D8	0.277	Lr	LinStatic	2	-0.00753	0.00753	-1665.25	
3D8	0.277	Lr	LinStatic	3	0.01747	0.00753	233.01	
3D8	0.	Le	LinStatic	0	0.	0.	-1.58	
3D8	0.	Le	LinStatic	1	-0.00753	-0.01747	-876.83	
3D8	0.	Le	LinStatic	2	-0.00753	0.00753	738.95	
3D8	0.	Le	LinStatic	3	0.01747	0.00753	-104.	
3D8	0.277	Le	LinStatic	0	0.	0.	-1.58	
3D8	0.277	Le	LinStatic	1	-0.00753	-0.01747	875.41	
3D8	0.277	Le	LinStatic	2	-0.00753	0.00753	-746.12	
3D8	0.277	Le	LinStatic	3	0.01747	0.00753	104.4	
3D9	0.	DEAD	LinStatic	0	0.	0.	-4.23	
3D9	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-2016.34	
3D9	0.	DEAD	LinStatic	2	-0.00753	0.00753	1695.3	
3D9	0.	DEAD	LinStatic	3	0.01747	0.00753	-235.92	
3D9	0.277	DEAD	LinStatic	0	0.	0.	-4.23	
3D9	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	2158.71	
3D9	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-1850.96	
3D9	0.277	DEAD	LinStatic	3	0.01747	0.00753	270.96	
3D9	0.	Lr	LinStatic	0	0.	0.	-4.09	
3D9	0.	Lr	LinStatic	1	-0.00753	-0.01747	-2078.45	
3D9	0.	Lr	LinStatic	2	-0.00753	0.00753	1752.57	
3D9	0.	Lr	LinStatic	3	0.01747	0.00753	-248.95	
3D9	0.277	Lr	LinStatic	0	0.	0.	-4.09	
3D9	0.277	Lr	LinStatic	1	-0.00753	-0.01747	2050.38	
3D9	0.277	Lr	LinStatic	2	-0.00753	0.00753	-1755.03	
3D9	0.277	Lr	LinStatic	3	0.01747	0.00753	253.1	
3D9	0.	Le	LinStatic	0	0.	0.	-1.83	
3D9	0.	Le	LinStatic	1	-0.00753	-0.01747	-931.25	
3D9	0.	Le	LinStatic	2	-0.00753	0.00753	785.24	
3D9	0.	Le	LinStatic	3	0.01747	0.00753	-111.54	
3D9	0.277	Le	LinStatic	0	0.	0.	-1.83	
3D9	0.277	Le	LinStatic	1	-0.00753	-0.01747	918.68	
3D9	0.277	Le	LinStatic	2	-0.00753	0.00753	-786.34	
3D9	0.277	Le	LinStatic	3	0.01747	0.00753	113.4	
3DA	0.	DEAD	LinStatic	0	0.	0.	-8.62	
3DA	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-1052.94	
3DA	0.	DEAD	LinStatic	2	-0.00753	0.00753	679.39	
3DA	0.	DEAD	LinStatic	3	0.01747	0.00753	127.37	
3DA	0.277	DEAD	LinStatic	0	0.	0.	-8.62	
3DA	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	1304.65	
3DA	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-921.81	
3DA	0.277	DEAD	LinStatic	3	0.01747	0.00753	-116.25	
3DA	0.	Lr	LinStatic	0	0.	0.	-8.97	
3DA	0.	Lr	LinStatic	1	-0.00753	-0.01747	-1117.27	
3DA	0.	Lr	LinStatic	2	-0.00753	0.00753	742.51	
3DA	0.	Lr	LinStatic	3	0.01747	0.00753	107.17	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3DA	0.277	Lr	LinStatic	0	0.	0.	-8.97	
3DA	0.277	Lr	LinStatic	1	-0.00753	-0.01747	1214.81	
3DA	0.277	Lr	LinStatic	2	-0.00753	0.00753	-841.26	
3DA	0.277	Lr	LinStatic	3	0.01747	0.00753	-133.94	
3DA	0.	Le	LinStatic	0	0.	0.	-4.02	
3DA	0.	Le	LinStatic	1	-0.00753	-0.01747	-500.59	
3DA	0.	Le	LinStatic	2	-0.00753	0.00753	332.68	
3DA	0.	Le	LinStatic	3	0.01747	0.00753	48.02	
3DA	0.277	Le	LinStatic	0	0.	0.	-4.02	
3DA	0.277	Le	LinStatic	1	-0.00753	-0.01747	544.3	
3DA	0.277	Le	LinStatic	2	-0.00753	0.00753	-376.93	
3DA	0.277	Le	LinStatic	3	0.01747	0.00753	-60.01	
3DB	0.	DEAD	LinStatic	0	0.	0.	-9.93	
3DB	0.	DEAD	LinStatic	1	-0.00753	-0.01747	-300.58	
3DB	0.	DEAD	LinStatic	2	-0.00753	0.00753	146.33	
3DB	0.	DEAD	LinStatic	3	0.01747	0.00753	74.41	
3DB	0.277	DEAD	LinStatic	0	0.	0.	-9.93	
3DB	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	319.27	
3DB	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-220.95	
3DB	0.277	DEAD	LinStatic	3	0.01747	0.00753	-60.53	
3DB	0.	Lr	LinStatic	0	0.	0.	-9.39	
3DB	0.	Lr	LinStatic	1	-0.00753	-0.01747	-371.77	
3DB	0.	Lr	LinStatic	2	-0.00753	0.00753	214.05	
3DB	0.	Lr	LinStatic	3	0.01747	0.00753	58.01	
3DB	0.277	Lr	LinStatic	0	0.	0.	-9.39	
3DB	0.277	Lr	LinStatic	1	-0.00753	-0.01747	239.83	
3DB	0.277	Lr	LinStatic	2	-0.00753	0.00753	-148.19	
3DB	0.277	Lr	LinStatic	3	0.01747	0.00753	-75.35	
3DB	0.	Le	LinStatic	0	0.	0.	-4.21	
3DB	0.	Le	LinStatic	1	-0.00753	-0.01747	-166.57	
3DB	0.	Le	LinStatic	2	-0.00753	0.00753	95.91	
3DB	0.	Le	LinStatic	3	0.01747	0.00753	25.99	
3DB	0.277	Le	LinStatic	0	0.	0.	-4.21	
3DB	0.277	Le	LinStatic	1	-0.00753	-0.01747	107.46	
3DB	0.277	Le	LinStatic	2	-0.00753	0.00753	-66.4	
3DB	0.277	Le	LinStatic	3	0.01747	0.00753	-33.76	
3DC	0.	DEAD	LinStatic	0	0.	0.	-5.61	
3DC	0.	DEAD	LinStatic	1	-0.00753	-0.01747	574.04	
3DC	0.	DEAD	LinStatic	2	-0.00753	0.00753	-828.57	
3DC	0.	DEAD	LinStatic	3	0.01747	0.00753	501.23	
3DC	0.277	DEAD	LinStatic	0	0.	0.	-5.61	
3DC	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	-394.68	
3DC	0.277	DEAD	LinStatic	2	-0.00753	0.00753	657.64	
3DC	0.277	DEAD	LinStatic	3	0.01747	0.00753	-492.2	
3DC	0.	Lr	LinStatic	0	0.	0.	-5.61	
3DC	0.	Lr	LinStatic	1	-0.00753	-0.01747	483.79	
3DC	0.	Lr	LinStatic	2	-0.00753	0.00753	-745.61	
3DC	0.	Lr	LinStatic	3	0.01747	0.00753	481.98	
3DC	0.277	Lr	LinStatic	0	0.	0.	-5.61	
3DC	0.277	Lr	LinStatic	1	-0.00753	-0.01747	-476.03	
3DC	0.277	Lr	LinStatic	2	-0.00753	0.00753	726.63	
3DC	0.277	Lr	LinStatic	3	0.01747	0.00753	-501.92	
3DC	0.	Le	LinStatic	0	0.	0.	-2.51	
3DC	0.	Le	LinStatic	1	-0.00753	-0.01747	216.76	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3DC	0.	Le	LinStatic	2	-0.00753	0.00753	-334.07	
3DC	0.	Le	LinStatic	3	0.01747	0.00753	215.95	
3DC	0.277	Le	LinStatic	0	0.	0.	-2.51	
3DC	0.277	Le	LinStatic	1	-0.00753	-0.01747	-213.28	
3DC	0.277	Le	LinStatic	2	-0.00753	0.00753	325.57	
3DC	0.277	Le	LinStatic	3	0.01747	0.00753	-224.89	
3DD	0.	DEAD	LinStatic	0	0.	0.	-5.43	
3DD	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1013.65	
3DD	0.	DEAD	LinStatic	2	-0.00753	0.00753	-941.59	
3DD	0.	DEAD	LinStatic	3	0.01747	0.00753	211.45	
3DD	0.277	DEAD	LinStatic	0	0.	0.	-5.43	
3DD	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	-868.68	
3DD	0.277	DEAD	LinStatic	2	-0.00753	0.00753	781.04	
3DD	0.277	DEAD	LinStatic	3	0.01747	0.00753	-180.5	
3DD	0.	Lr	LinStatic	0	0.	0.	-5.36	
3DD	0.	Lr	LinStatic	1	-0.00753	-0.01747	923.82	
3DD	0.	Lr	LinStatic	2	-0.00753	0.00753	-858.77	
3DD	0.	Lr	LinStatic	3	0.01747	0.00753	192.17	
3DD	0.277	Lr	LinStatic	0	0.	0.	-5.36	
3DD	0.277	Lr	LinStatic	1	-0.00753	-0.01747	-939.89	
3DD	0.277	Lr	LinStatic	2	-0.00753	0.00753	847.34	
3DD	0.277	Lr	LinStatic	3	0.01747	0.00753	-196.6	
3DD	0.	Le	LinStatic	0	0.	0.	-2.4	
3DD	0.	Le	LinStatic	1	-0.00753	-0.01747	413.92	
3DD	0.	Le	LinStatic	2	-0.00753	0.00753	-384.77	
3DD	0.	Le	LinStatic	3	0.01747	0.00753	86.1	
3DD	0.277	Le	LinStatic	0	0.	0.	-2.4	
3DD	0.277	Le	LinStatic	1	-0.00753	-0.01747	-421.12	
3DD	0.277	Le	LinStatic	2	-0.00753	0.00753	379.65	
3DD	0.277	Le	LinStatic	3	0.01747	0.00753	-88.09	
3DE	0.	DEAD	LinStatic	0	0.	0.	-5.59	
3DE	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1931.98	
3DE	0.	DEAD	LinStatic	2	-0.00753	0.00753	-2153.83	
3DE	0.	DEAD	LinStatic	3	0.01747	0.00753	893.05	
3DE	0.277	DEAD	LinStatic	0	0.	0.	-5.59	
3DE	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	-1776.54	
3DE	0.277	DEAD	LinStatic	2	-0.00753	0.00753	1994.36	
3DE	0.277	DEAD	LinStatic	3	0.01747	0.00753	-875.06	
3DE	0.	Lr	LinStatic	0	0.	0.	-5.55	
3DE	0.	Lr	LinStatic	1	-0.00753	-0.01747	1830.32	
3DE	0.	Lr	LinStatic	2	-0.00753	0.00753	-2061.12	
3DE	0.	Lr	LinStatic	3	0.01747	0.00753	872.42	
3DE	0.277	Lr	LinStatic	0	0.	0.	-5.55	
3DE	0.277	Lr	LinStatic	1	-0.00753	-0.01747	-1844.18	
3DE	0.277	Lr	LinStatic	2	-0.00753	0.00753	2052.83	
3DE	0.277	Lr	LinStatic	3	0.01747	0.00753	-884.49	
3DE	0.	Le	LinStatic	0	0.	0.	-2.49	
3DE	0.	Le	LinStatic	1	-0.00753	-0.01747	820.08	
3DE	0.	Le	LinStatic	2	-0.00753	0.00753	-923.49	
3DE	0.	Le	LinStatic	3	0.01747	0.00753	390.89	
3DE	0.277	Le	LinStatic	0	0.	0.	-2.49	
3DE	0.277	Le	LinStatic	1	-0.00753	-0.01747	-826.29	
3DE	0.277	Le	LinStatic	2	-0.00753	0.00753	919.77	
3DE	0.277	Le	LinStatic	3	0.01747	0.00753	-396.3	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3DF	0.	DEAD	LinStatic	0	0.	0.	-3.99	
3DF	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1942.79	
3DF	0.	DEAD	LinStatic	2	-0.00753	0.00753	-1723.95	
3DF	0.	DEAD	LinStatic	3	0.01747	0.00753	319.97	
3DF	0.277	DEAD	LinStatic	0	0.	0.	-3.99	
3DF	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	-1788.45	
3DF	0.277	DEAD	LinStatic	2	-0.00753	0.00753	1563.99	
3DF	0.277	DEAD	LinStatic	3	0.01747	0.00753	-289.66	
3DF	0.	Lr	LinStatic	0	0.	0.	-3.66	
3DF	0.	Lr	LinStatic	1	-0.00753	-0.01747	1846.26	
3DF	0.	Lr	LinStatic	2	-0.00753	0.00753	-1640.56	
3DF	0.	Lr	LinStatic	3	0.01747	0.00753	307.52	
3DF	0.277	Lr	LinStatic	0	0.	0.	-3.66	
3DF	0.277	Lr	LinStatic	1	-0.00753	-0.01747	-1858.89	
3DF	0.277	Lr	LinStatic	2	-0.00753	0.00753	1631.09	
3DF	0.277	Lr	LinStatic	3	0.01747	0.00753	-306.71	
3DF	0.	Le	LinStatic	0	0.	0.	-1.64	
3DF	0.	Le	LinStatic	1	-0.00753	-0.01747	827.22	
3DF	0.	Le	LinStatic	2	-0.00753	0.00753	-735.06	
3DF	0.	Le	LinStatic	3	0.01747	0.00753	137.78	
3DF	0.277	Le	LinStatic	0	0.	0.	-1.64	
3DF	0.277	Le	LinStatic	1	-0.00753	-0.01747	-832.88	
3DF	0.277	Le	LinStatic	2	-0.00753	0.00753	730.81	
3DF	0.277	Le	LinStatic	3	0.01747	0.00753	-137.42	
3E0	0.	DEAD	LinStatic	0	0.	0.	-2.98	
3E0	0.	DEAD	LinStatic	1	-0.00753	-0.01747	3951.52	
3E0	0.	DEAD	LinStatic	2	-0.00753	0.00753	-4102.51	
3E0	0.	DEAD	LinStatic	3	0.01747	0.00753	1454.91	
3E0	0.00251	DEAD	LinStatic	0	0.	0.	-2.98	
3E0	0.00251	DEAD	LinStatic	1	-0.00753	-0.01747	3878.12	
3E0	0.00251	DEAD	LinStatic	2	-0.00753	0.00753	-4013.37	
3E0	0.00251	DEAD	LinStatic	3	0.01747	0.00753	1410.62	
3E0	0.00251	DEAD	LinStatic	0	0.	0.	-1.49	
3E0	0.00251	DEAD	LinStatic	1	-0.00753	-0.01747	1939.06	
3E0	0.00251	DEAD	LinStatic	2	-0.00753	0.00753	-2006.68	
3E0	0.00251	DEAD	LinStatic	3	0.01747	0.00753	705.31	
3E0	0.277	DEAD	LinStatic	0	0.	0.	-1.49	
3E0	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	-1872.58	
3E0	0.277	DEAD	LinStatic	2	-0.00753	0.00753	1951.78	
3E0	0.277	DEAD	LinStatic	3	0.01747	0.00753	-709.19	
3E0	0.	Lr	LinStatic	0	0.	0.	-3.04	
3E0	0.	Lr	LinStatic	1	-0.00753	-0.01747	3790.31	
3E0	0.	Lr	LinStatic	2	-0.00753	0.00753	-3945.35	
3E0	0.	Lr	LinStatic	3	0.01747	0.00753	1408.41	
3E0	0.00251	Lr	LinStatic	0	0.	0.	-3.04	
3E0	0.00251	Lr	LinStatic	1	-0.00753	-0.01747	3721.11	
3E0	0.00251	Lr	LinStatic	2	-0.00753	0.00753	-3873.42	
3E0	0.00251	Lr	LinStatic	3	0.01747	0.00753	1382.65	
3E0	0.00251	Lr	LinStatic	0	0.	0.	-1.52	
3E0	0.00251	Lr	LinStatic	1	-0.00753	-0.01747	1860.55	
3E0	0.00251	Lr	LinStatic	2	-0.00753	0.00753	-1936.71	
3E0	0.00251	Lr	LinStatic	3	0.01747	0.00753	691.33	
3E0	0.277	Lr	LinStatic	0	0.	0.	-1.52	
3E0	0.277	Lr	LinStatic	1	-0.00753	-0.01747	-1928.36	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E0	0.277	Lr	LinStatic	2	-0.00753	0.00753	2001.21	
3E0	0.277	Lr	LinStatic	3	0.01747	0.00753	-718.77	
3E0	0.	Le	LinStatic	0	0.	0.	-1.36	
3E0	0.	Le	LinStatic	1	-0.00753	-0.01747	1698.26	
3E0	0.	Le	LinStatic	2	-0.00753	0.00753	-1767.72	
3E0	0.	Le	LinStatic	3	0.01747	0.00753	631.04	
3E0	0.00251	Le	LinStatic	0	0.	0.	-1.36	
3E0	0.00251	Le	LinStatic	1	-0.00753	-0.01747	1667.25	
3E0	0.00251	Le	LinStatic	2	-0.00753	0.00753	-1735.49	
3E0	0.00251	Le	LinStatic	3	0.01747	0.00753	619.5	
3E0	0.00251	Le	LinStatic	0	0.	0.	-0.68	
3E0	0.00251	Le	LinStatic	1	-0.00753	-0.01747	833.62	
3E0	0.00251	Le	LinStatic	2	-0.00753	0.00753	-867.75	
3E0	0.00251	Le	LinStatic	3	0.01747	0.00753	309.75	
3E0	0.277	Le	LinStatic	0	0.	0.	-0.68	
3E0	0.277	Le	LinStatic	1	-0.00753	-0.01747	-864.	
3E0	0.277	Le	LinStatic	2	-0.00753	0.00753	896.65	
3E0	0.277	Le	LinStatic	3	0.01747	0.00753	-322.05	
3E1	0.	DEAD	LinStatic	0	0.	0.	-1.49	
3E1	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1939.06	
3E1	0.	DEAD	LinStatic	2	-0.00753	0.00753	-2006.68	
3E1	0.	DEAD	LinStatic	3	0.01747	0.00753	705.31	
3E1	0.27449	DEAD	LinStatic	0	0.	0.	-1.49	
3E1	0.27449	DEAD	LinStatic	1	-0.00753	-0.01747	-1872.58	
3E1	0.27449	DEAD	LinStatic	2	-0.00753	0.00753	1951.78	
3E1	0.27449	DEAD	LinStatic	3	0.01747	0.00753	-709.19	
3E1	0.27449	DEAD	LinStatic	0	0.	0.	0.	
3E1	0.27449	DEAD	LinStatic	1	-0.00753	-0.01747	1.715E-02	
3E1	0.27449	DEAD	LinStatic	2	-0.00753	0.00753	-7.653E-02	
3E1	0.27449	DEAD	LinStatic	3	0.01747	0.00753	8.389E-02	
3E1	0.277	DEAD	LinStatic	0	0.	0.	0.	
3E1	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	2.278E-09	
3E1	0.277	DEAD	LinStatic	2	-0.00753	0.00753	-1.016E-08	
3E1	0.277	DEAD	LinStatic	3	0.01747	0.00753	1.114E-08	
3E1	0.	Lr	LinStatic	0	0.	0.	-1.52	
3E1	0.	Lr	LinStatic	1	-0.00753	-0.01747	1860.55	
3E1	0.	Lr	LinStatic	2	-0.00753	0.00753	-1936.71	
3E1	0.	Lr	LinStatic	3	0.01747	0.00753	691.33	
3E1	0.27449	Lr	LinStatic	0	0.	0.	-1.52	
3E1	0.27449	Lr	LinStatic	1	-0.00753	-0.01747	-1928.36	
3E1	0.27449	Lr	LinStatic	2	-0.00753	0.00753	2001.21	
3E1	0.27449	Lr	LinStatic	3	0.01747	0.00753	-718.77	
3E1	0.27449	Lr	LinStatic	0	0.	0.	0.	
3E1	0.27449	Lr	LinStatic	1	-0.00753	-0.01747	0.	
3E1	0.27449	Lr	LinStatic	2	-0.00753	0.00753	0.	
3E1	0.27449	Lr	LinStatic	3	0.01747	0.00753	0.	
3E1	0.277	Lr	LinStatic	0	0.	0.	0.	
3E1	0.277	Lr	LinStatic	1	-0.00753	-0.01747	2.872E-09	
3E1	0.277	Lr	LinStatic	2	-0.00753	0.00753	4.433E-09	
3E1	0.277	Lr	LinStatic	3	0.01747	0.00753	-8.724E-09	
3E1	0.	Le	LinStatic	0	0.	0.	-0.68	
3E1	0.	Le	LinStatic	1	-0.00753	-0.01747	833.62	
3E1	0.	Le	LinStatic	2	-0.00753	0.00753	-867.75	
3E1	0.	Le	LinStatic	3	0.01747	0.00753	309.75	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E1	0.27449	Le	LinStatic	0	0.	0.	-0.68	
3E1	0.27449	Le	LinStatic	1	-0.00753	-0.01747	-864.	
3E1	0.27449	Le	LinStatic	2	-0.00753	0.00753	896.65	
3E1	0.27449	Le	LinStatic	3	0.01747	0.00753	-322.05	
3E1	0.27449	Le	LinStatic	0	0.	0.	0.	
3E1	0.27449	Le	LinStatic	1	-0.00753	-0.01747	-1.333E-09	
3E1	0.27449	Le	LinStatic	2	-0.00753	0.00753	2.590E-09	
3E1	0.27449	Le	LinStatic	3	0.01747	0.00753	-2.086E-09	
3E1	0.277	Le	LinStatic	0	0.	0.	0.	
3E1	0.277	Le	LinStatic	1	-0.00753	-0.01747	1.868E-09	
3E1	0.277	Le	LinStatic	2	-0.00753	0.00753	-7.383E-09	
3E1	0.277	Le	LinStatic	3	0.01747	0.00753	7.880E-09	
3E2	0.	DEAD	LinStatic	0	0.	0.	-1.91	
3E2	0.	DEAD	LinStatic	1	-0.00753	-0.01747	2849.99	
3E2	0.	DEAD	LinStatic	2	-0.00753	0.00753	-1289.2	
3E2	0.	DEAD	LinStatic	3	0.01747	0.00753	-1154.29	
3E2	0.277	DEAD	LinStatic	0	0.	0.	-1.91	
3E2	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	-2682.17	
3E2	0.277	DEAD	LinStatic	2	-0.00753	0.00753	1134.43	
3E2	0.277	DEAD	LinStatic	3	0.01747	0.00753	1178.1	
3E2	0.	Lr	LinStatic	0	0.	0.	-1.65	
3E2	0.	Lr	LinStatic	1	-0.00753	-0.01747	2766.34	
3E2	0.	Lr	LinStatic	2	-0.00753	0.00753	-1184.73	
3E2	0.	Lr	LinStatic	3	0.01747	0.00753	-1207.68	
3E2	0.277	Lr	LinStatic	0	0.	0.	-1.65	
3E2	0.277	Lr	LinStatic	1	-0.00753	-0.01747	-2773.17	
3E2	0.277	Lr	LinStatic	2	-0.00753	0.00753	1184.95	
3E2	0.277	Lr	LinStatic	3	0.01747	0.00753	1203.27	
3E2	0.	Le	LinStatic	0	0.	0.	-0.74	
3E2	0.	Le	LinStatic	1	-0.00753	-0.01747	1239.46	
3E2	0.	Le	LinStatic	2	-0.00753	0.00753	-530.82	
3E2	0.	Le	LinStatic	3	0.01747	0.00753	-541.1	
3E2	0.277	Le	LinStatic	0	0.	0.	-0.74	
3E2	0.277	Le	LinStatic	1	-0.00753	-0.01747	-1242.52	
3E2	0.277	Le	LinStatic	2	-0.00753	0.00753	530.92	
3E2	0.277	Le	LinStatic	3	0.01747	0.00753	539.13	
3E3	0.	DEAD	LinStatic	0	0.	0.	0.43	
3E3	0.	DEAD	LinStatic	1	-0.00753	-0.01747	1014.16	
3E3	0.	DEAD	LinStatic	2	-0.00753	0.00753	-1084.83	
3E3	0.	DEAD	LinStatic	3	0.01747	0.00753	419.52	
3E3	0.277	DEAD	LinStatic	0	0.	0.	0.43	
3E3	0.277	DEAD	LinStatic	1	-0.00753	-0.01747	-868.66	
3E3	0.277	DEAD	LinStatic	2	-0.00753	0.00753	949.1	
3E3	0.277	DEAD	LinStatic	3	0.01747	0.00753	-382.94	
3E3	0.	Lr	LinStatic	0	0.	0.	-0.57	
3E3	0.	Lr	LinStatic	1	-0.00753	-0.01747	860.07	
3E3	0.	Lr	LinStatic	2	-0.00753	0.00753	-980.96	
3E3	0.	Lr	LinStatic	3	0.01747	0.00753	433.16	
3E3	0.277	Lr	LinStatic	0	0.	0.	-0.57	
3E3	0.277	Lr	LinStatic	1	-0.00753	-0.01747	-859.14	
3E3	0.277	Lr	LinStatic	2	-0.00753	0.00753	979.37	
3E3	0.277	Lr	LinStatic	3	0.01747	0.00753	-435.74	
3E3	0.	Le	LinStatic	0	0.	0.	-0.25	
3E3	0.	Le	LinStatic	1	-0.00753	-0.01747	385.36	

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E3	0.	Le	LinStatic	2	-0.00753	0.00753	-439.52	
3E3	0.	Le	LinStatic	3	0.01747	0.00753	194.08	
3E3	0.277	Le	LinStatic	0	0.	0.	-0.25	
3E3	0.277	Le	LinStatic	1	-0.00753	-0.01747	-384.94	
3E3	0.277	Le	LinStatic	2	-0.00753	0.00753	438.81	
3E3	0.277	Le	LinStatic	3	0.01747	0.00753	-195.24	
3E4	0.	DEAD	LinStatic	0	0.	0.	-26183.58	47.94
3E4	0.	DEAD	LinStatic	1	-0.0075	0.	-22886.08	0.
3E4	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-25249.85	-98.79
3E4	0.	DEAD	LinStatic	3	-0.005303	0.005303	-22453.94	146.74
3E4	0.	DEAD	LinStatic	4	0.	-0.0075	-28160.58	-125.67
3E4	0.	DEAD	LinStatic	5	0.	0.0075	-24206.57	221.56
3E4	0.	DEAD	LinStatic	6	0.005303	-0.005303	-29913.21	-98.79
3E4	0.	DEAD	LinStatic	7	0.005303	0.005303	-27117.3	146.74
3E4	0.	DEAD	LinStatic	8	0.0075	0.	-29481.07	0.
3E4	0.19807	DEAD	LinStatic	0	0.	0.	-26170.49	58.37
3E4	0.19807	DEAD	LinStatic	1	-0.0075	0.	-27084.58	0.
3E4	0.19807	DEAD	LinStatic	2	-0.005303	-0.005303	-26262.99	-93.58
3E4	0.19807	DEAD	LinStatic	3	-0.005303	0.005303	-27370.7	151.95
3E4	0.19807	DEAD	LinStatic	4	0.	-0.0075	-25387.22	-115.24
3E4	0.19807	DEAD	LinStatic	5	0.	0.0075	-26953.76	231.99
3E4	0.19807	DEAD	LinStatic	6	0.005303	-0.005303	-24970.28	-93.58
3E4	0.19807	DEAD	LinStatic	7	0.005303	0.005303	-26077.99	151.95
3E4	0.19807	DEAD	LinStatic	8	0.0075	0.	-25256.41	0.
3E4	0.39613	DEAD	LinStatic	0	0.	0.	-26157.41	68.81
3E4	0.39613	DEAD	LinStatic	1	-0.0075	0.	-32109.49	0.
3E4	0.39613	DEAD	LinStatic	2	-0.005303	-0.005303	-27860.5	-88.36
3E4	0.39613	DEAD	LinStatic	3	-0.005303	0.005303	-32871.82	157.17
3E4	0.39613	DEAD	LinStatic	4	0.	-0.0075	-22613.87	-104.81
3E4	0.39613	DEAD	LinStatic	5	0.	0.0075	-29700.95	242.42
3E4	0.39613	DEAD	LinStatic	6	0.005303	-0.005303	-19442.99	-88.36
3E4	0.39613	DEAD	LinStatic	7	0.005303	0.005303	-24454.31	157.17
3E4	0.39613	DEAD	LinStatic	8	0.0075	0.	-20205.33	0.
3E4	0.	Lr	LinStatic	0	0.	0.	-25863.39	57.94
3E4	0.	Lr	LinStatic	1	-0.0075	0.	-22343.82	0.
3E4	0.	Lr	LinStatic	2	-0.005303	-0.005303	-24758.29	-91.87
3E4	0.	Lr	LinStatic	3	-0.005303	0.005303	-21991.07	149.81
3E4	0.	Lr	LinStatic	4	0.	-0.0075	-27820.12	-112.95
3E4	0.	Lr	LinStatic	5	0.	0.0075	-23906.67	228.83
3E4	0.	Lr	LinStatic	6	0.005303	-0.005303	-29735.72	-91.87
3E4	0.	Lr	LinStatic	7	0.005303	0.005303	-26968.5	149.81
3E4	0.	Lr	LinStatic	8	0.0075	0.	-29382.97	0.
3E4	0.19807	Lr	LinStatic	0	0.	0.	-25863.39	57.94
3E4	0.19807	Lr	LinStatic	1	-0.0075	0.	-26934.14	0.
3E4	0.19807	Lr	LinStatic	2	-0.005303	-0.005303	-26064.66	-91.87
3E4	0.19807	Lr	LinStatic	3	-0.005303	0.005303	-27176.39	149.81
3E4	0.19807	Lr	LinStatic	4	0.	-0.0075	-25077.29	-112.95
3E4	0.19807	Lr	LinStatic	5	0.	0.0075	-26649.5	228.83
3E4	0.19807	Lr	LinStatic	6	0.005303	-0.005303	-24550.4	-91.87
3E4	0.19807	Lr	LinStatic	7	0.005303	0.005303	-25662.13	149.81
3E4	0.19807	Lr	LinStatic	8	0.0075	0.	-24792.65	0.
3E4	0.39613	Lr	LinStatic	0	0.	0.	-25863.39	57.94
3E4	0.39613	Lr	LinStatic	1	-0.0075	0.	-31524.46	0.
3E4	0.39613	Lr	LinStatic	2	-0.005303	-0.005303	-27371.03	-91.87

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E4	0.39613	Lr	LinStatic	3	-0.005303	0.005303	-32361.71	149.81
3E4	0.39613	Lr	LinStatic	4	0.	-0.0075	-22334.46	-112.95
3E4	0.39613	Lr	LinStatic	5	0.	0.0075	-29392.33	228.83
3E4	0.39613	Lr	LinStatic	6	0.005303	-0.005303	-19365.08	-91.87
3E4	0.39613	Lr	LinStatic	7	0.005303	0.005303	-24355.76	149.81
3E4	0.39613	Lr	LinStatic	8	0.0075	0.	-20202.33	0.
3E4	0.	Le	LinStatic	0	0.	0.	-11588.14	25.96
3E4	0.	Le	LinStatic	1	-0.0075	0.	-10011.19	0.
3E4	0.	Le	LinStatic	2	-0.005303	-0.005303	-11093.	-41.16
3E4	0.	Le	LinStatic	3	-0.005303	0.005303	-9853.14	67.12
3E4	0.	Le	LinStatic	4	0.	-0.0075	-12464.86	-50.61
3E4	0.	Le	LinStatic	5	0.	0.0075	-10711.43	102.53
3E4	0.	Le	LinStatic	6	0.005303	-0.005303	-13323.15	-41.16
3E4	0.	Le	LinStatic	7	0.005303	0.005303	-12083.29	67.12
3E4	0.	Le	LinStatic	8	0.0075	0.	-13165.1	0.
3E4	0.19807	Le	LinStatic	0	0.	0.	-11588.14	25.96
3E4	0.19807	Le	LinStatic	1	-0.0075	0.	-12067.89	0.
3E4	0.19807	Le	LinStatic	2	-0.005303	-0.005303	-11678.32	-41.16
3E4	0.19807	Le	LinStatic	3	-0.005303	0.005303	-12176.43	67.12
3E4	0.19807	Le	LinStatic	4	0.	-0.0075	-11235.93	-50.61
3E4	0.19807	Le	LinStatic	5	0.	0.0075	-11940.36	102.53
3E4	0.19807	Le	LinStatic	6	0.005303	-0.005303	-10999.86	-41.16
3E4	0.19807	Le	LinStatic	7	0.005303	0.005303	-11497.97	67.12
3E4	0.19807	Le	LinStatic	8	0.0075	0.	-11108.4	0.
3E4	0.39613	Le	LinStatic	0	0.	0.	-11588.14	25.96
3E4	0.39613	Le	LinStatic	1	-0.0075	0.	-14124.59	0.
3E4	0.39613	Le	LinStatic	2	-0.005303	-0.005303	-12263.64	-41.16
3E4	0.39613	Le	LinStatic	3	-0.005303	0.005303	-14499.73	67.12
3E4	0.39613	Le	LinStatic	4	0.	-0.0075	-10007.	-50.61
3E4	0.39613	Le	LinStatic	5	0.	0.0075	-13169.29	102.53
3E4	0.39613	Le	LinStatic	6	0.005303	-0.005303	-8676.56	-41.16
3E4	0.39613	Le	LinStatic	7	0.005303	0.005303	-10912.64	67.12
3E4	0.39613	Le	LinStatic	8	0.0075	0.	-9051.7	0.
3E5	0.	DEAD	LinStatic	0	0.	0.	-26263.7	48.08
3E5	0.	DEAD	LinStatic	1	-0.0075	0.	-22949.72	0.
3E5	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-25331.34	-97.58
3E5	0.	DEAD	LinStatic	3	-0.005303	0.005303	-22509.39	145.66
3E5	0.	DEAD	LinStatic	4	0.	-0.0075	-28259.12	-123.92
3E5	0.	DEAD	LinStatic	5	0.	0.0075	-24268.29	220.07
3E5	0.	DEAD	LinStatic	6	0.005303	-0.005303	-30018.02	-97.58
3E5	0.	DEAD	LinStatic	7	0.005303	0.005303	-27196.07	145.66
3E5	0.	DEAD	LinStatic	8	0.0075	0.	-29577.69	0.
3E5	0.19807	DEAD	LinStatic	0	0.	0.	-26250.62	58.51
3E5	0.19807	DEAD	LinStatic	1	-0.0075	0.	-27158.87	0.
3E5	0.19807	DEAD	LinStatic	2	-0.005303	-0.005303	-26341.84	-92.36
3E5	0.19807	DEAD	LinStatic	3	-0.005303	0.005303	-27443.86	150.87
3E5	0.19807	DEAD	LinStatic	4	0.	-0.0075	-25471.38	-113.49
3E5	0.19807	DEAD	LinStatic	5	0.	0.0075	-27029.86	230.5
3E5	0.19807	DEAD	LinStatic	6	0.005303	-0.005303	-25057.38	-92.36
3E5	0.19807	DEAD	LinStatic	7	0.005303	0.005303	-26159.39	150.87
3E5	0.19807	DEAD	LinStatic	8	0.0075	0.	-25342.36	0.
3E5	0.39613	DEAD	LinStatic	0	0.	0.	-26237.53	68.94
3E5	0.39613	DEAD	LinStatic	1	-0.0075	0.	-32194.44	0.
3E5	0.39613	DEAD	LinStatic	2	-0.005303	-0.005303	-27936.72	-87.15

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E5	0.39613	DEAD	LinStatic	3	-0.005303	0.005303	-32962.69	156.09
3E5	0.39613	DEAD	LinStatic	4	0.	-0.0075	-22683.63	-103.05
3E5	0.39613	DEAD	LinStatic	5	0.	0.0075	-29791.44	240.93
3E5	0.39613	DEAD	LinStatic	6	0.005303	-0.005303	-19512.37	-87.15
3E5	0.39613	DEAD	LinStatic	7	0.005303	0.005303	-24538.35	156.09
3E5	0.39613	DEAD	LinStatic	8	0.0075	0.	-20280.62	0.
3E5	0.	Lr	LinStatic	0	0.	0.	-25943.21	57.99
3E5	0.	Lr	LinStatic	1	-0.0075	0.	-22417.01	0.
3E5	0.	Lr	LinStatic	2	-0.005303	-0.005303	-24834.51	-92.36
3E5	0.	Lr	LinStatic	3	-0.005303	0.005303	-22065.1	150.35
3E5	0.	Lr	LinStatic	4	0.	-0.0075	-27901.48	-113.63
3E5	0.	Lr	LinStatic	5	0.	0.0075	-23984.94	229.61
3E5	0.	Lr	LinStatic	6	0.005303	-0.005303	-29821.31	-92.36
3E5	0.	Lr	LinStatic	7	0.005303	0.005303	-27051.9	150.35
3E5	0.	Lr	LinStatic	8	0.0075	0.	-29469.41	0.
3E5	0.19807	Lr	LinStatic	0	0.	0.	-25943.21	57.99
3E5	0.19807	Lr	LinStatic	1	-0.0075	0.	-27011.36	0.
3E5	0.19807	Lr	LinStatic	2	-0.005303	-0.005303	-26142.09	-92.36
3E5	0.19807	Lr	LinStatic	3	-0.005303	0.005303	-27254.91	150.35
3E5	0.19807	Lr	LinStatic	4	0.	-0.0075	-25156.32	-113.63
3E5	0.19807	Lr	LinStatic	5	0.	0.0075	-26730.09	229.61
3E5	0.19807	Lr	LinStatic	6	0.005303	-0.005303	-24631.5	-92.36
3E5	0.19807	Lr	LinStatic	7	0.005303	0.005303	-25744.33	150.35
3E5	0.19807	Lr	LinStatic	8	0.0075	0.	-24875.06	0.
3E5	0.39613	Lr	LinStatic	0	0.	0.	-25943.21	57.99
3E5	0.39613	Lr	LinStatic	1	-0.0075	0.	-31605.7	0.
3E5	0.39613	Lr	LinStatic	2	-0.005303	-0.005303	-27449.67	-92.36
3E5	0.39613	Lr	LinStatic	3	-0.005303	0.005303	-32444.73	150.35
3E5	0.39613	Lr	LinStatic	4	0.	-0.0075	-22411.17	-113.63
3E5	0.39613	Lr	LinStatic	5	0.	0.0075	-29475.25	229.61
3E5	0.39613	Lr	LinStatic	6	0.005303	-0.005303	-19441.69	-92.36
3E5	0.39613	Lr	LinStatic	7	0.005303	0.005303	-24436.75	150.35
3E5	0.39613	Lr	LinStatic	8	0.0075	0.	-20280.71	0.
3E5	0.	Le	LinStatic	0	0.	0.	-11623.91	25.98
3E5	0.	Le	LinStatic	1	-0.0075	0.	-10043.98	0.
3E5	0.	Le	LinStatic	2	-0.005303	-0.005303	-11127.15	-41.38
3E5	0.	Le	LinStatic	3	-0.005303	0.005303	-9886.31	67.36
3E5	0.	Le	LinStatic	4	0.	-0.0075	-12501.31	-50.91
3E5	0.	Le	LinStatic	5	0.	0.0075	-10746.5	102.88
3E5	0.	Le	LinStatic	6	0.005303	-0.005303	-13361.5	-41.38
3E5	0.	Le	LinStatic	7	0.005303	0.005303	-12120.66	67.36
3E5	0.	Le	LinStatic	8	0.0075	0.	-13203.83	0.
3E5	0.19807	Le	LinStatic	0	0.	0.	-11623.91	25.98
3E5	0.19807	Le	LinStatic	1	-0.0075	0.	-12102.49	0.
3E5	0.19807	Le	LinStatic	2	-0.005303	-0.005303	-11713.01	-41.38
3E5	0.19807	Le	LinStatic	3	-0.005303	0.005303	-12211.62	67.36
3E5	0.19807	Le	LinStatic	4	0.	-0.0075	-11271.34	-50.91
3E5	0.19807	Le	LinStatic	5	0.	0.0075	-11976.47	102.88
3E5	0.19807	Le	LinStatic	6	0.005303	-0.005303	-11036.19	-41.38
3E5	0.19807	Le	LinStatic	7	0.005303	0.005303	-11534.8	67.36
3E5	0.19807	Le	LinStatic	8	0.0075	0.	-11145.32	0.
3E5	0.39613	Le	LinStatic	0	0.	0.	-11623.91	25.98
3E5	0.39613	Le	LinStatic	1	-0.0075	0.	-14161.	0.
3E5	0.39613	Le	LinStatic	2	-0.005303	-0.005303	-12298.88	-41.38

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E5	0.39613	Le	LinStatic	3	-0.005303	0.005303	-14536.92	67.36
3E5	0.39613	Le	LinStatic	4	0.	-0.0075	-10041.37	-50.91
3E5	0.39613	Le	LinStatic	5	0.	0.0075	-13206.44	102.88
3E5	0.39613	Le	LinStatic	6	0.005303	-0.005303	-8710.89	-41.38
3E5	0.39613	Le	LinStatic	7	0.005303	0.005303	-10948.93	67.36
3E5	0.39613	Le	LinStatic	8	0.0075	0.	-9086.81	0.
3E6	0.	DEAD	LinStatic	0	0.	0.	-30926.2	-24.5
3E6	0.	DEAD	LinStatic	1	-0.0075	0.	-32478.67	0.
3E6	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-33796.32	117.93
3E6	0.	DEAD	LinStatic	3	-0.005303	0.005303	-30251.61	-142.43
3E6	0.	DEAD	LinStatic	4	0.	-0.0075	-33432.69	159.61
3E6	0.	DEAD	LinStatic	5	0.	0.0075	-28419.72	-208.61
3E6	0.	DEAD	LinStatic	6	0.005303	-0.005303	-31600.79	117.93
3E6	0.	DEAD	LinStatic	7	0.005303	0.005303	-28056.09	-142.43
3E6	0.	DEAD	LinStatic	8	0.0075	0.	-29373.73	0.
3E6	0.23926	DEAD	LinStatic	0	0.	0.	-30913.12	-7.22
3E6	0.23926	DEAD	LinStatic	1	-0.0075	0.	-30947.63	0.
3E6	0.23926	DEAD	LinStatic	2	-0.005303	-0.005303	-31155.	126.57
3E6	0.23926	DEAD	LinStatic	3	-0.005303	0.005303	-30720.04	-133.79
3E6	0.23926	DEAD	LinStatic	4	0.	-0.0075	-31220.68	176.88
3E6	0.23926	DEAD	LinStatic	5	0.	0.0075	-30605.55	-191.33
3E6	0.23926	DEAD	LinStatic	6	0.005303	-0.005303	-31106.2	126.57
3E6	0.23926	DEAD	LinStatic	7	0.005303	0.005303	-30671.23	-133.79
3E6	0.23926	DEAD	LinStatic	8	0.0075	0.	-30878.61	0.
3E6	0.47852	DEAD	LinStatic	0	0.	0.	-30900.03	10.06
3E6	0.47852	DEAD	LinStatic	1	-0.0075	0.	-31070.27	0.
3E6	0.47852	DEAD	LinStatic	2	-0.005303	-0.005303	-29683.02	135.21
3E6	0.47852	DEAD	LinStatic	3	-0.005303	0.005303	-32357.8	-125.15
3E6	0.47852	DEAD	LinStatic	4	0.	-0.0075	-29008.68	194.16
3E6	0.47852	DEAD	LinStatic	5	0.	0.0075	-32791.38	-174.05
3E6	0.47852	DEAD	LinStatic	6	0.005303	-0.005303	-29442.27	135.21
3E6	0.47852	DEAD	LinStatic	7	0.005303	0.005303	-32117.04	-125.15
3E6	0.47852	DEAD	LinStatic	8	0.0075	0.	-30729.79	0.
3E6	0.	Lr	LinStatic	0	0.	0.	-30550.14	-8.28
3E6	0.	Lr	LinStatic	1	-0.0075	0.	-31688.51	0.
3E6	0.	Lr	LinStatic	2	-0.005303	-0.005303	-33116.79	130.41
3E6	0.	Lr	LinStatic	3	-0.005303	0.005303	-29593.4	-138.69
3E6	0.	Lr	LinStatic	4	0.	-0.0075	-33041.56	182.01
3E6	0.	Lr	LinStatic	5	0.	0.0075	-28058.73	-198.57
3E6	0.	Lr	LinStatic	6	0.005303	-0.005303	-31506.89	130.41
3E6	0.	Lr	LinStatic	7	0.005303	0.005303	-27983.5	-138.69
3E6	0.	Lr	LinStatic	8	0.0075	0.	-29411.77	0.
3E6	0.23926	Lr	LinStatic	0	0.	0.	-30550.14	-8.28
3E6	0.23926	Lr	LinStatic	1	-0.0075	0.	-30896.02	0.
3E6	0.23926	Lr	LinStatic	2	-0.005303	-0.005303	-31013.66	130.41
3E6	0.23926	Lr	LinStatic	3	-0.005303	0.005303	-30575.77	-138.69
3E6	0.23926	Lr	LinStatic	4	0.	-0.0075	-30859.78	182.01
3E6	0.23926	Lr	LinStatic	5	0.	0.0075	-30240.51	-198.57
3E6	0.23926	Lr	LinStatic	6	0.005303	-0.005303	-30524.52	130.41
3E6	0.23926	Lr	LinStatic	7	0.005303	0.005303	-30086.63	-138.69
3E6	0.23926	Lr	LinStatic	8	0.0075	0.	-30204.27	0.
3E6	0.47852	Lr	LinStatic	0	0.	0.	-30550.14	-8.28
3E6	0.47852	Lr	LinStatic	1	-0.0075	0.	-30103.52	0.
3E6	0.47852	Lr	LinStatic	2	-0.005303	-0.005303	-28910.53	130.41

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E6	0.47852	Lr	LinStatic	3	-0.005303	0.005303	-31558.14	-138.69
3E6	0.47852	Lr	LinStatic	4	0.	-0.0075	-28678.	182.01
3E6	0.47852	Lr	LinStatic	5	0.	0.0075	-32422.29	-198.57
3E6	0.47852	Lr	LinStatic	6	0.005303	-0.005303	-29542.15	130.41
3E6	0.47852	Lr	LinStatic	7	0.005303	0.005303	-32189.76	-138.69
3E6	0.47852	Lr	LinStatic	8	0.0075	0.	-30996.76	0.
3E6	0.	Le	LinStatic	0	0.	0.	-13688.05	-3.71
3E6	0.	Le	LinStatic	1	-0.0075	0.	-14198.1	0.
3E6	0.	Le	LinStatic	2	-0.005303	-0.005303	-14838.04	58.43
3E6	0.	Le	LinStatic	3	-0.005303	0.005303	-13259.38	-62.14
3E6	0.	Le	LinStatic	4	0.	-0.0075	-14804.33	81.55
3E6	0.	Le	LinStatic	5	0.	0.0075	-12571.77	-88.97
3E6	0.	Le	LinStatic	6	0.005303	-0.005303	-14116.72	58.43
3E6	0.	Le	LinStatic	7	0.005303	0.005303	-12538.06	-62.14
3E6	0.	Le	LinStatic	8	0.0075	0.	-13178.	0.
3E6	0.23926	Le	LinStatic	0	0.	0.	-13688.05	-3.71
3E6	0.23926	Le	LinStatic	1	-0.0075	0.	-13843.02	0.
3E6	0.23926	Le	LinStatic	2	-0.005303	-0.005303	-13895.73	58.43
3E6	0.23926	Le	LinStatic	3	-0.005303	0.005303	-13699.53	-62.14
3E6	0.23926	Le	LinStatic	4	0.	-0.0075	-13826.78	81.55
3E6	0.23926	Le	LinStatic	5	0.	0.0075	-13549.32	-88.97
3E6	0.23926	Le	LinStatic	6	0.005303	-0.005303	-13676.57	58.43
3E6	0.23926	Le	LinStatic	7	0.005303	0.005303	-13480.37	-62.14
3E6	0.23926	Le	LinStatic	8	0.0075	0.	-13533.08	0.
3E6	0.47852	Le	LinStatic	0	0.	0.	-13688.05	-3.71
3E6	0.47852	Le	LinStatic	1	-0.0075	0.	-13487.94	0.
3E6	0.47852	Le	LinStatic	2	-0.005303	-0.005303	-12953.42	58.43
3E6	0.47852	Le	LinStatic	3	-0.005303	0.005303	-14139.69	-62.14
3E6	0.47852	Le	LinStatic	4	0.	-0.0075	-12849.23	81.55
3E6	0.47852	Le	LinStatic	5	0.	0.0075	-14526.87	-88.97
3E6	0.47852	Le	LinStatic	6	0.005303	-0.005303	-13236.42	58.43
3E6	0.47852	Le	LinStatic	7	0.005303	0.005303	-14422.68	-62.14
3E6	0.47852	Le	LinStatic	8	0.0075	0.	-13888.16	0.
3E7	0.	DEAD	LinStatic	0	0.	0.	-30913.38	-24.62
3E7	0.	DEAD	LinStatic	1	-0.0075	0.	-32482.27	0.
3E7	0.	DEAD	LinStatic	2	-0.005303	-0.005303	-33807.92	120.27
3E7	0.	DEAD	LinStatic	3	-0.005303	0.005303	-30237.58	-144.89
3E7	0.	DEAD	LinStatic	4	0.	-0.0075	-33437.99	162.87
3E7	0.	DEAD	LinStatic	5	0.	0.0075	-28388.76	-212.11
3E7	0.	DEAD	LinStatic	6	0.005303	-0.005303	-31589.17	120.27
3E7	0.	DEAD	LinStatic	7	0.005303	0.005303	-28018.83	-144.89
3E7	0.	DEAD	LinStatic	8	0.0075	0.	-29344.48	0.
3E7	0.23926	DEAD	LinStatic	0	0.	0.	-30900.29	-7.34
3E7	0.23926	DEAD	LinStatic	1	-0.0075	0.	-30939.67	0.
3E7	0.23926	DEAD	LinStatic	2	-0.005303	-0.005303	-31149.06	128.91
3E7	0.23926	DEAD	LinStatic	3	-0.005303	0.005303	-30707.21	-136.25
3E7	0.23926	DEAD	LinStatic	4	0.	-0.0075	-31212.73	180.15
3E7	0.23926	DEAD	LinStatic	5	0.	0.0075	-30587.85	-194.84
3E7	0.23926	DEAD	LinStatic	6	0.005303	-0.005303	-31093.37	128.91
3E7	0.23926	DEAD	LinStatic	7	0.005303	0.005303	-30651.52	-136.25
3E7	0.23926	DEAD	LinStatic	8	0.0075	0.	-30860.91	0.
3E7	0.47852	DEAD	LinStatic	0	0.	0.	-30887.2	9.94
3E7	0.47852	DEAD	LinStatic	1	-0.0075	0.	-31050.76	0.
3E7	0.47852	DEAD	LinStatic	2	-0.005303	-0.005303	-29659.54	137.55

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E7	0.47852	DEAD	LinStatic	3	-0.005303	0.005303	-32346.17	-127.61
3E7	0.47852	DEAD	LinStatic	4	0.	-0.0075	-28987.46	197.43
3E7	0.47852	DEAD	LinStatic	5	0.	0.0075	-32786.94	-177.56
3E7	0.47852	DEAD	LinStatic	6	0.005303	-0.005303	-29428.23	137.55
3E7	0.47852	DEAD	LinStatic	7	0.005303	0.005303	-32114.87	-127.61
3E7	0.47852	DEAD	LinStatic	8	0.0075	0.	-30723.65	0.
3E7	0.	Lr	LinStatic	0	0.	0.	-30534.48	-8.33
3E7	0.	Lr	LinStatic	1	-0.0075	0.	-31679.6	0.
3E7	0.	Lr	LinStatic	2	-0.005303	-0.005303	-33103.64	130.6
3E7	0.	Lr	LinStatic	3	-0.005303	0.005303	-29584.77	-138.93
3E7	0.	Lr	LinStatic	4	0.	-0.0075	-33022.7	182.25
3E7	0.	Lr	LinStatic	5	0.	0.0075	-28046.27	-198.92
3E7	0.	Lr	LinStatic	6	0.005303	-0.005303	-31484.2	130.6
3E7	0.	Lr	LinStatic	7	0.005303	0.005303	-27965.33	-138.93
3E7	0.	Lr	LinStatic	8	0.0075	0.	-29389.37	0.
3E7	0.23926	Lr	LinStatic	0	0.	0.	-30534.48	-8.33
3E7	0.23926	Lr	LinStatic	1	-0.0075	0.	-30881.99	0.
3E7	0.23926	Lr	LinStatic	2	-0.005303	-0.005303	-30998.96	130.6
3E7	0.23926	Lr	LinStatic	3	-0.005303	0.005303	-30561.46	-138.93
3E7	0.23926	Lr	LinStatic	4	0.	-0.0075	-30843.85	182.25
3E7	0.23926	Lr	LinStatic	5	0.	0.0075	-30225.12	-198.92
3E7	0.23926	Lr	LinStatic	6	0.005303	-0.005303	-30507.51	130.6
3E7	0.23926	Lr	LinStatic	7	0.005303	0.005303	-30070.01	-138.93
3E7	0.23926	Lr	LinStatic	8	0.0075	0.	-30186.98	0.
3E7	0.47852	Lr	LinStatic	0	0.	0.	-30534.48	-8.33
3E7	0.47852	Lr	LinStatic	1	-0.0075	0.	-30084.37	0.
3E7	0.47852	Lr	LinStatic	2	-0.005303	-0.005303	-28894.28	130.6
3E7	0.47852	Lr	LinStatic	3	-0.005303	0.005303	-31538.14	-138.93
3E7	0.47852	Lr	LinStatic	4	0.	-0.0075	-28664.99	182.25
3E7	0.47852	Lr	LinStatic	5	0.	0.0075	-32403.98	-198.92
3E7	0.47852	Lr	LinStatic	6	0.005303	-0.005303	-29530.83	130.6
3E7	0.47852	Lr	LinStatic	7	0.005303	0.005303	-32174.69	-138.93
3E7	0.47852	Lr	LinStatic	8	0.0075	0.	-30984.59	0.
3E7	0.	Le	LinStatic	0	0.	0.	-13681.04	-3.73
3E7	0.	Le	LinStatic	1	-0.0075	0.	-14194.11	0.
3E7	0.	Le	LinStatic	2	-0.005303	-0.005303	-14832.15	58.51
3E7	0.	Le	LinStatic	3	-0.005303	0.005303	-13255.51	-62.25
3E7	0.	Le	LinStatic	4	0.	-0.0075	-14795.89	81.66
3E7	0.	Le	LinStatic	5	0.	0.0075	-12566.18	-89.13
3E7	0.	Le	LinStatic	6	0.005303	-0.005303	-14106.56	58.51
3E7	0.	Le	LinStatic	7	0.005303	0.005303	-12529.92	-62.25
3E7	0.	Le	LinStatic	8	0.0075	0.	-13167.96	0.
3E7	0.23926	Le	LinStatic	0	0.	0.	-13681.04	-3.73
3E7	0.23926	Le	LinStatic	1	-0.0075	0.	-13836.74	0.
3E7	0.23926	Le	LinStatic	2	-0.005303	-0.005303	-13889.14	58.51
3E7	0.23926	Le	LinStatic	3	-0.005303	0.005303	-13693.12	-62.25
3E7	0.23926	Le	LinStatic	4	0.	-0.0075	-13819.65	81.66
3E7	0.23926	Le	LinStatic	5	0.	0.0075	-13542.43	-89.13
3E7	0.23926	Le	LinStatic	6	0.005303	-0.005303	-13668.95	58.51
3E7	0.23926	Le	LinStatic	7	0.005303	0.005303	-13472.93	-62.25
3E7	0.23926	Le	LinStatic	8	0.0075	0.	-13525.34	0.
3E7	0.47852	Le	LinStatic	0	0.	0.	-13681.04	-3.73
3E7	0.47852	Le	LinStatic	1	-0.0075	0.	-13479.36	0.
3E7	0.47852	Le	LinStatic	2	-0.005303	-0.005303	-12946.14	58.51

Table: Element Stresses - Frames, Part 1 of 4

Frame	Station	OutputCase	CaseType	Point	X2	X3	S11	S12
	m				m	m	KN/m2	KN/m2
3E7	0.47852	Le	LinStatic	3	-0.005303	0.005303	-14130.73	-62.25
3E7	0.47852	Le	LinStatic	4	0.	-0.0075	-12843.4	81.66
3E7	0.47852	Le	LinStatic	5	0.	0.0075	-14518.67	-89.13
3E7	0.47852	Le	LinStatic	6	0.005303	-0.005303	-13231.34	58.51
3E7	0.47852	Le	LinStatic	7	0.005303	0.005303	-14415.93	-62.25
3E7	0.47852	Le	LinStatic	8	0.0075	0.	-13882.71	0.

Table: Element Stresses - Frames, Part 2 of 4

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
1	0.	DEAD					No	
1	0.	DEAD					No	
1	0.	DEAD					No	
1	0.	DEAD					Yes	
1	0.20327	DEAD					No	
1	0.20327	DEAD					No	
1	0.20327	DEAD					No	
1	0.20327	DEAD					Yes	
1	0.	Lr					No	
1	0.	Lr					No	
1	0.	Lr					No	
1	0.	Lr					Yes	
1	0.20327	Lr					No	
1	0.20327	Lr					No	
1	0.20327	Lr					No	
1	0.20327	Lr					Yes	
1	0.	Le					No	
1	0.	Le					No	
1	0.	Le					No	
1	0.	Le					Yes	
1	0.20327	Le					No	
1	0.20327	Le					No	
1	0.20327	Le					No	
1	0.20327	Le					Yes	
2	0.	DEAD					No	
2	0.	DEAD					No	
2	0.	DEAD					No	
2	0.	DEAD					Yes	
2	0.4	DEAD					No	
2	0.4	DEAD					No	
2	0.4	DEAD					No	
2	0.4	DEAD					Yes	
2	0.	Lr					No	
2	0.	Lr					No	
2	0.	Lr					No	
2	0.	Lr					Yes	
2	0.4	Lr					No	
2	0.4	Lr					No	
2	0.4	Lr					No	
2	0.4	Lr					Yes	
2	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
2	0.	Le					No	
2	0.	Le					No	
2	0.	Le					Yes	
2	0.4	Le					No	
2	0.4	Le					No	
2	0.4	Le					No	
2	0.4	Le					Yes	
3	0.	DEAD					No	
3	0.	DEAD					No	
3	0.	DEAD					No	
3	0.	DEAD					Yes	
3	0.4	DEAD					No	
3	0.4	DEAD					No	
3	0.4	DEAD					No	
3	0.4	DEAD					Yes	
3	0.	Lr					No	
3	0.	Lr					No	
3	0.	Lr					No	
3	0.	Lr					Yes	
3	0.4	Lr					No	
3	0.4	Lr					No	
3	0.4	Lr					No	
3	0.4	Lr					Yes	
3	0.	Le					No	
3	0.	Le					No	
3	0.	Le					No	
3	0.	Le					Yes	
3	0.4	Le					No	
3	0.4	Le					No	
3	0.4	Le					No	
3	0.4	Le					Yes	
4	0.	DEAD					No	
4	0.	DEAD					No	
4	0.	DEAD					No	
4	0.	DEAD					Yes	
4	0.4	DEAD					No	
4	0.4	DEAD					No	
4	0.4	DEAD					No	
4	0.4	DEAD					Yes	
4	0.	Lr					No	
4	0.	Lr					No	
4	0.	Lr					No	
4	0.	Lr					Yes	
4	0.4	Lr					No	
4	0.4	Lr					No	
4	0.4	Lr					No	
4	0.4	Lr					Yes	
4	0.	Le					No	
4	0.	Le					No	
4	0.	Le					No	
4	0.	Le					Yes	
4	0.4	Le					No	
4	0.4	Le					No	
4	0.4	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
4	0.4	Le					Yes	
5	0.	DEAD					No	
5	0.	DEAD					No	
5	0.	DEAD					No	
5	0.	DEAD					Yes	
5	0.4	DEAD					No	
5	0.4	DEAD					No	
5	0.4	DEAD					No	
5	0.4	DEAD					Yes	
5	0.	Lr					No	
5	0.	Lr					No	
5	0.	Lr					No	
5	0.	Lr					Yes	
5	0.4	Lr					No	
5	0.4	Lr					No	
5	0.4	Lr					No	
5	0.4	Lr					Yes	
5	0.	Le					No	
5	0.	Le					No	
5	0.	Le					No	
5	0.	Le					Yes	
5	0.4	Le					No	
5	0.4	Le					No	
5	0.4	Le					No	
5	0.4	Le					Yes	
6	0.	DEAD					No	
6	0.	DEAD					No	
6	0.	DEAD					No	
6	0.	DEAD					Yes	
6	0.4	DEAD					No	
6	0.4	DEAD					No	
6	0.4	DEAD					No	
6	0.4	DEAD					Yes	
6	0.	Lr					No	
6	0.	Lr					No	
6	0.	Lr					No	
6	0.	Lr					Yes	
6	0.4	Lr					No	
6	0.4	Lr					No	
6	0.4	Lr					No	
6	0.4	Lr					Yes	
6	0.	Le					No	
6	0.	Le					No	
6	0.	Le					No	
6	0.	Le					Yes	
6	0.4	Le					No	
6	0.4	Le					No	
6	0.4	Le					No	
6	0.4	Le					Yes	
7	0.	DEAD					No	
7	0.	DEAD					No	
7	0.	DEAD					No	
7	0.	DEAD					Yes	
7	0.4	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
7	0.4	DEAD					No	
7	0.4	DEAD					No	
7	0.4	DEAD					Yes	
7	0.	Lr					No	
7	0.	Lr					No	
7	0.	Lr					No	
7	0.	Lr					Yes	
7	0.4	Lr					No	
7	0.4	Lr					No	
7	0.4	Lr					No	
7	0.4	Lr					Yes	
7	0.	Le					No	
7	0.	Le					No	
7	0.	Le					No	
7	0.	Le					Yes	
7	0.4	Le					No	
7	0.4	Le					No	
7	0.4	Le					No	
7	0.4	Le					Yes	
8	0.	DEAD					No	
8	0.	DEAD					No	
8	0.	DEAD					No	
8	0.	DEAD					Yes	
8	0.4	DEAD					No	
8	0.4	DEAD					No	
8	0.4	DEAD					No	
8	0.4	DEAD					Yes	
8	0.	Lr					No	
8	0.	Lr					No	
8	0.	Lr					No	
8	0.	Lr					Yes	
8	0.4	Lr					No	
8	0.4	Lr					No	
8	0.4	Lr					No	
8	0.4	Lr					Yes	
8	0.	Le					No	
8	0.	Le					No	
8	0.	Le					No	
8	0.	Le					Yes	
8	0.4	Le					No	
8	0.4	Le					No	
8	0.4	Le					No	
8	0.4	Le					Yes	
9	0.	DEAD					No	
9	0.	DEAD					No	
9	0.	DEAD					No	
9	0.	DEAD					Yes	
9	0.4	DEAD					No	
9	0.4	DEAD					No	
9	0.4	DEAD					No	
9	0.4	DEAD					Yes	
9	0.	Lr					No	
9	0.	Lr					No	
9	0.	Lr					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
9	0.	Lr					Yes	
9	0.4	Lr					No	
9	0.4	Lr					No	
9	0.4	Lr					No	
9	0.4	Lr					Yes	
9	0.	Le					No	
9	0.	Le					No	
9	0.	Le					No	
9	0.	Le					Yes	
9	0.4	Le					No	
9	0.4	Le					No	
9	0.4	Le					No	
9	0.4	Le					Yes	
10	0.	DEAD					No	
10	0.	DEAD					No	
10	0.	DEAD					No	
10	0.	DEAD					Yes	
10	0.4	DEAD					No	
10	0.4	DEAD					No	
10	0.4	DEAD					No	
10	0.4	DEAD					Yes	
10	0.	Lr					No	
10	0.	Lr					No	
10	0.	Lr					No	
10	0.	Lr					Yes	
10	0.4	Lr					No	
10	0.4	Lr					No	
10	0.4	Lr					No	
10	0.4	Lr					Yes	
10	0.	Le					No	
10	0.	Le					No	
10	0.	Le					No	
10	0.	Le					Yes	
10	0.4	Le					No	
10	0.4	Le					No	
10	0.4	Le					No	
10	0.4	Le					Yes	
11	0.	DEAD					No	
11	0.	DEAD					No	
11	0.	DEAD					No	
11	0.	DEAD					Yes	
11	0.4	DEAD					No	
11	0.4	DEAD					No	
11	0.4	DEAD					No	
11	0.4	DEAD					Yes	
11	0.	Lr					No	
11	0.	Lr					No	
11	0.	Lr					No	
11	0.	Lr					Yes	
11	0.4	Lr					No	
11	0.4	Lr					No	
11	0.4	Lr					No	
11	0.4	Lr					Yes	
11	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
11	0.	Le					No	
11	0.	Le					No	
11	0.	Le					Yes	
11	0.4	Le					No	
11	0.4	Le					No	
11	0.4	Le					No	
11	0.4	Le					Yes	
12	0.	DEAD					No	
12	0.	DEAD					No	
12	0.	DEAD					No	
12	0.	DEAD					Yes	
12	0.4	DEAD					No	
12	0.4	DEAD					No	
12	0.4	DEAD					No	
12	0.4	DEAD					Yes	
12	0.	Lr					No	
12	0.	Lr					No	
12	0.	Lr					No	
12	0.	Lr					Yes	
12	0.4	Lr					No	
12	0.4	Lr					No	
12	0.4	Lr					No	
12	0.4	Lr					Yes	
12	0.	Le					No	
12	0.	Le					No	
12	0.	Le					No	
12	0.	Le					Yes	
12	0.4	Le					No	
12	0.4	Le					No	
12	0.4	Le					No	
12	0.4	Le					Yes	
13	0.	DEAD					No	
13	0.	DEAD					No	
13	0.	DEAD					No	
13	0.	DEAD					Yes	
13	0.4	DEAD					No	
13	0.4	DEAD					No	
13	0.4	DEAD					No	
13	0.4	DEAD					Yes	
13	0.	Lr					No	
13	0.	Lr					No	
13	0.	Lr					No	
13	0.	Lr					Yes	
13	0.4	Lr					No	
13	0.4	Lr					No	
13	0.4	Lr					No	
13	0.4	Lr					Yes	
13	0.	Le					No	
13	0.	Le					No	
13	0.	Le					No	
13	0.	Le					Yes	
13	0.4	Le					No	
13	0.4	Le					No	
13	0.4	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
13	0.4	Le					Yes	
14	0.	DEAD					No	
14	0.	DEAD					No	
14	0.	DEAD					No	
14	0.	DEAD					Yes	
14	0.33673	DEAD					No	
14	0.33673	DEAD					No	
14	0.33673	DEAD					No	
14	0.33673	DEAD					Yes	
14	0.	Lr					No	
14	0.	Lr					No	
14	0.	Lr					No	
14	0.	Lr					Yes	
14	0.33673	Lr					No	
14	0.33673	Lr					No	
14	0.33673	Lr					No	
14	0.33673	Lr					Yes	
14	0.	Le					No	
14	0.	Le					No	
14	0.	Le					No	
14	0.	Le					Yes	
14	0.33673	Le					No	
14	0.33673	Le					No	
14	0.33673	Le					No	
14	0.33673	Le					Yes	
16	0.	DEAD					No	
16	0.	DEAD					No	
16	0.	DEAD					No	
16	0.	DEAD					Yes	
16	0.20327	DEAD					No	
16	0.20327	DEAD					No	
16	0.20327	DEAD					Yes	
16	0.20327	DEAD					No	
16	0.	Lr					No	
16	0.	Lr					No	
16	0.	Lr					No	
16	0.	Lr					Yes	
16	0.20327	Lr					No	
16	0.20327	Lr					No	
16	0.20327	Lr					Yes	
16	0.20327	Lr					No	
16	0.	Le					No	
16	0.	Le					No	
16	0.	Le					No	
16	0.	Le					Yes	
16	0.20327	Le					No	
16	0.20327	Le					No	
16	0.20327	Le					Yes	
16	0.20327	Le					No	
17	0.	DEAD					No	
17	0.	DEAD					No	
17	0.	DEAD					No	
17	0.	DEAD					Yes	
17	0.4	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
17	0.4	DEAD					No	
17	0.4	DEAD					Yes	
17	0.4	DEAD					No	
17	0.	Lr					No	
17	0.	Lr					No	
17	0.	Lr					No	
17	0.	Lr					Yes	
17	0.4	Lr					No	
17	0.4	Lr					No	
17	0.4	Lr					Yes	
17	0.4	Lr					No	
17	0.	Le					No	
17	0.	Le					No	
17	0.	Le					No	
17	0.	Le					Yes	
17	0.4	Le					No	
17	0.4	Le					No	
17	0.4	Le					Yes	
17	0.4	Le					No	
18	0.	DEAD					No	
18	0.	DEAD					Yes	
18	0.	DEAD					No	
18	0.	DEAD					No	
18	0.4	DEAD					No	
18	0.4	DEAD					No	
18	0.4	DEAD					Yes	
18	0.4	DEAD					No	
18	0.	Lr					No	
18	0.	Lr					Yes	
18	0.	Lr					No	
18	0.	Lr					No	
18	0.4	Lr					No	
18	0.4	Lr					No	
18	0.4	Lr					Yes	
18	0.4	Lr					No	
18	0.	Le					No	
18	0.	Le					Yes	
18	0.	Le					No	
18	0.	Le					No	
18	0.4	Le					No	
18	0.4	Le					No	
18	0.4	Le					Yes	
18	0.4	Le					No	
19	0.	DEAD					No	
19	0.	DEAD					Yes	
19	0.	DEAD					No	
19	0.	DEAD					No	
19	0.4	DEAD					No	
19	0.4	DEAD					No	
19	0.4	DEAD					Yes	
19	0.4	DEAD					No	
19	0.	Lr					No	
19	0.	Lr					Yes	
19	0.	Lr					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
19	0.	Lr					No	
19	0.4	Lr					No	
19	0.4	Lr					No	
19	0.4	Lr					Yes	
19	0.4	Lr					No	
19	0.	Le					No	
19	0.	Le					Yes	
19	0.	Le					No	
19	0.	Le					No	
19	0.4	Le					No	
19	0.4	Le					No	
19	0.4	Le					Yes	
19	0.4	Le					No	
20	0.	DEAD					No	
20	0.	DEAD					Yes	
20	0.	DEAD					No	
20	0.	DEAD					No	
20	0.4	DEAD					No	
20	0.4	DEAD					No	
20	0.4	DEAD					Yes	
20	0.4	DEAD					No	
20	0.	Lr					No	
20	0.	Lr					Yes	
20	0.	Lr					No	
20	0.	Lr					No	
20	0.4	Lr					No	
20	0.4	Lr					No	
20	0.4	Lr					Yes	
20	0.4	Lr					No	
20	0.	Le					No	
20	0.	Le					Yes	
20	0.	Le					No	
20	0.	Le					No	
20	0.4	Le					No	
20	0.4	Le					No	
20	0.4	Le					Yes	
20	0.4	Le					No	
21	0.	DEAD					No	
21	0.	DEAD					Yes	
21	0.	DEAD					No	
21	0.	DEAD					No	
21	0.4	DEAD					No	
21	0.4	DEAD					No	
21	0.4	DEAD					Yes	
21	0.4	DEAD					No	
21	0.	Lr					No	
21	0.	Lr					Yes	
21	0.	Lr					No	
21	0.	Lr					No	
21	0.4	Lr					No	
21	0.4	Lr					No	
21	0.4	Lr					Yes	
21	0.4	Lr					No	
21	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
21	0.	Le					Yes	
21	0.	Le					No	
21	0.	Le					No	
21	0.4	Le					No	
21	0.4	Le					No	
21	0.4	Le					Yes	
21	0.4	Le					No	
22	0.	DEAD					No	
22	0.	DEAD					Yes	
22	0.	DEAD					No	
22	0.	DEAD					No	
22	0.4	DEAD					No	
22	0.4	DEAD					No	
22	0.4	DEAD					Yes	
22	0.4	DEAD					No	
22	0.	Lr					No	
22	0.	Lr					No	
22	0.	Lr					Yes	
22	0.	Lr					No	
22	0.4	Lr					No	
22	0.4	Lr					No	
22	0.4	Lr					Yes	
22	0.4	Lr					No	
22	0.	Le					No	
22	0.	Le					No	
22	0.	Le					Yes	
22	0.	Le					No	
22	0.4	Le					No	
22	0.4	Le					No	
22	0.4	Le					Yes	
22	0.4	Le					No	
23	0.	DEAD					No	
23	0.	DEAD					Yes	
23	0.	DEAD					No	
23	0.	DEAD					No	
23	0.4	DEAD					No	
23	0.4	DEAD					Yes	
23	0.4	DEAD					No	
23	0.4	DEAD					No	
23	0.	Lr					No	
23	0.	Lr					No	
23	0.	Lr					Yes	
23	0.	Lr					No	
23	0.4	Lr					No	
23	0.4	Lr					No	
23	0.4	Lr					Yes	
23	0.4	Lr					No	
23	0.	Le					No	
23	0.	Le					No	
23	0.	Le					Yes	
23	0.	Le					No	
23	0.4	Le					No	
23	0.4	Le					No	
23	0.4	Le					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
23	0.4	Le					No	
24	0.	DEAD					No	
24	0.	DEAD					No	
24	0.	DEAD					Yes	
24	0.	DEAD					No	
24	0.4	DEAD					No	
24	0.4	DEAD					Yes	
24	0.4	DEAD					No	
24	0.4	DEAD					No	
24	0.	Lr					No	
24	0.	Lr					No	
24	0.	Lr					Yes	
24	0.	Lr					No	
24	0.4	Lr					No	
24	0.4	Lr					Yes	
24	0.4	Lr					No	
24	0.4	Lr					No	
24	0.	Le					No	
24	0.	Le					No	
24	0.	Le					Yes	
24	0.	Le					No	
24	0.4	Le					No	
24	0.4	Le					Yes	
24	0.4	Le					No	
24	0.4	Le					No	
25	0.	DEAD					No	
25	0.	DEAD					No	
25	0.	DEAD					Yes	
25	0.	DEAD					No	
25	0.4	DEAD					No	
25	0.4	DEAD					Yes	
25	0.4	DEAD					No	
25	0.4	DEAD					No	
25	0.	Lr					No	
25	0.	Lr					No	
25	0.	Lr					Yes	
25	0.	Lr					No	
25	0.4	Lr					No	
25	0.4	Lr					Yes	
25	0.4	Lr					No	
25	0.4	Lr					No	
25	0.	Le					No	
25	0.	Le					No	
25	0.	Le					Yes	
25	0.	Le					No	
25	0.4	Le					No	
25	0.4	Le					Yes	
25	0.4	Le					No	
25	0.4	Le					No	
26	0.	DEAD					No	
26	0.	DEAD					No	
26	0.	DEAD					Yes	
26	0.	DEAD					No	
26	0.4	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
26	0.4	DEAD					Yes	
26	0.4	DEAD					No	
26	0.4	DEAD					No	
26	0.	Lr					No	
26	0.	Lr					No	
26	0.	Lr					Yes	
26	0.	Lr					No	
26	0.4	Lr					No	
26	0.4	Lr					Yes	
26	0.4	Lr					No	
26	0.4	Lr					No	
26	0.	Le					No	
26	0.	Le					No	
26	0.	Le					Yes	
26	0.	Le					No	
26	0.4	Le					No	
26	0.4	Le					Yes	
26	0.4	Le					No	
26	0.4	Le					No	
27	0.	DEAD					No	
27	0.	DEAD					No	
27	0.	DEAD					Yes	
27	0.	DEAD					No	
27	0.4	DEAD					No	
27	0.4	DEAD					Yes	
27	0.4	DEAD					No	
27	0.4	DEAD					No	
27	0.	Lr					No	
27	0.	Lr					No	
27	0.	Lr					Yes	
27	0.	Lr					No	
27	0.4	Lr					No	
27	0.4	Lr					Yes	
27	0.4	Lr					No	
27	0.4	Lr					No	
27	0.	Le					No	
27	0.	Le					No	
27	0.	Le					Yes	
27	0.	Le					No	
27	0.4	Le					No	
27	0.4	Le					Yes	
27	0.4	Le					No	
27	0.4	Le					No	
28	0.	DEAD					No	
28	0.	DEAD					No	
28	0.	DEAD					Yes	
28	0.	DEAD					No	
28	0.4	DEAD					No	
28	0.4	DEAD					Yes	
28	0.4	DEAD					No	
28	0.4	DEAD					No	
28	0.	Lr					No	
28	0.	Lr					No	
28	0.	Lr					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
28	0.	Lr					No	
28	0.4	Lr					No	
28	0.4	Lr					Yes	
28	0.4	Lr					No	
28	0.4	Lr					No	
28	0.	Le					No	
28	0.	Le					No	
28	0.	Le					Yes	
28	0.	Le					No	
28	0.4	Le					No	
28	0.4	Le					Yes	
28	0.4	Le					No	
28	0.4	Le					No	
29	0.	DEAD					No	
29	0.	DEAD					No	
29	0.	DEAD					Yes	
29	0.	DEAD					No	
29	0.33673	DEAD					No	
29	0.33673	DEAD					No	
29	0.33673	DEAD					No	
29	0.33673	DEAD					Yes	
29	0.	Lr					No	
29	0.	Lr					No	
29	0.	Lr					Yes	
29	0.	Lr					No	
29	0.33673	Lr					No	
29	0.33673	Lr					No	
29	0.33673	Lr					No	
29	0.33673	Lr					Yes	
29	0.	Le					No	
29	0.	Le					No	
29	0.	Le					Yes	
29	0.	Le					No	
29	0.33673	Le					No	
29	0.33673	Le					No	
29	0.33673	Le					No	
29	0.33673	Le					Yes	
30	0.	DEAD					No	
30	0.	DEAD					No	
30	0.	DEAD					No	
30	0.	DEAD					Yes	
30	0.20327	DEAD					No	
30	0.20327	DEAD					No	
30	0.20327	DEAD					No	
30	0.20327	DEAD					Yes	
30	0.	Lr					No	
30	0.	Lr					No	
30	0.	Lr					No	
30	0.	Lr					Yes	
30	0.20327	Lr					No	
30	0.20327	Lr					No	
30	0.20327	Lr					No	
30	0.20327	Lr					Yes	
30	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30	0.	Le					No	
30	0.	Le					No	
30	0.	Le					Yes	
30	0.20327	Le					No	
30	0.20327	Le					No	
30	0.20327	Le					No	
30	0.20327	Le					Yes	
31	0.	DEAD					No	
31	0.	DEAD					No	
31	0.	DEAD					No	
31	0.	DEAD					Yes	
31	0.4	DEAD					No	
31	0.4	DEAD					No	
31	0.4	DEAD					No	
31	0.4	DEAD					Yes	
31	0.	Lr					No	
31	0.	Lr					No	
31	0.	Lr					No	
31	0.	Lr					Yes	
31	0.4	Lr					No	
31	0.4	Lr					No	
31	0.4	Lr					No	
31	0.4	Lr					Yes	
31	0.	Le					No	
31	0.	Le					No	
31	0.	Le					No	
31	0.	Le					Yes	
31	0.4	Le					No	
31	0.4	Le					No	
31	0.4	Le					No	
31	0.4	Le					Yes	
32	0.	DEAD					No	
32	0.	DEAD					No	
32	0.	DEAD					No	
32	0.	DEAD					Yes	
32	0.4	DEAD					No	
32	0.4	DEAD					No	
32	0.4	DEAD					No	
32	0.4	DEAD					Yes	
32	0.	Lr					No	
32	0.	Lr					No	
32	0.	Lr					No	
32	0.	Lr					Yes	
32	0.4	Lr					No	
32	0.4	Lr					No	
32	0.4	Lr					No	
32	0.4	Lr					Yes	
32	0.	Le					No	
32	0.	Le					No	
32	0.	Le					No	
32	0.	Le					Yes	
32	0.4	Le					No	
32	0.4	Le					No	
32	0.4	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
32	0.4	Le					Yes	
33	0.	DEAD					No	
33	0.	DEAD					No	
33	0.	DEAD					No	
33	0.	DEAD					Yes	
33	0.4	DEAD					No	
33	0.4	DEAD					No	
33	0.4	DEAD					No	
33	0.4	DEAD					Yes	
33	0.	Lr					No	
33	0.	Lr					No	
33	0.	Lr					No	
33	0.	Lr					Yes	
33	0.4	Lr					No	
33	0.4	Lr					No	
33	0.4	Lr					No	
33	0.4	Lr					Yes	
33	0.	Le					No	
33	0.	Le					No	
33	0.	Le					No	
33	0.	Le					Yes	
33	0.4	Le					No	
33	0.4	Le					No	
33	0.4	Le					No	
33	0.4	Le					Yes	
34	0.	DEAD					No	
34	0.	DEAD					No	
34	0.	DEAD					No	
34	0.	DEAD					Yes	
34	0.4	DEAD					No	
34	0.4	DEAD					No	
34	0.4	DEAD					No	
34	0.4	DEAD					Yes	
34	0.	Lr					No	
34	0.	Lr					No	
34	0.	Lr					No	
34	0.	Lr					Yes	
34	0.4	Lr					No	
34	0.4	Lr					No	
34	0.4	Lr					No	
34	0.4	Lr					Yes	
34	0.	Le					No	
34	0.	Le					No	
34	0.	Le					No	
34	0.	Le					Yes	
34	0.4	Le					No	
34	0.4	Le					No	
34	0.4	Le					No	
34	0.4	Le					Yes	
35	0.	DEAD					No	
35	0.	DEAD					No	
35	0.	DEAD					No	
35	0.	DEAD					Yes	
35	0.4	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
35	0.4	DEAD					No	
35	0.4	DEAD					No	
35	0.4	DEAD					Yes	
35	0.	Lr					No	
35	0.	Lr					No	
35	0.	Lr					No	
35	0.	Lr					Yes	
35	0.4	Lr					No	
35	0.4	Lr					No	
35	0.4	Lr					No	
35	0.4	Lr					Yes	
35	0.	Le					No	
35	0.	Le					No	
35	0.	Le					No	
35	0.	Le					Yes	
35	0.4	Le					No	
35	0.4	Le					No	
35	0.4	Le					No	
35	0.4	Le					Yes	
36	0.	DEAD					No	
36	0.	DEAD					No	
36	0.	DEAD					No	
36	0.	DEAD					Yes	
36	0.4	DEAD					No	
36	0.4	DEAD					No	
36	0.4	DEAD					No	
36	0.4	DEAD					Yes	
36	0.	Lr					No	
36	0.	Lr					No	
36	0.	Lr					No	
36	0.	Lr					Yes	
36	0.4	Lr					No	
36	0.4	Lr					No	
36	0.4	Lr					No	
36	0.4	Lr					Yes	
36	0.	Le					No	
36	0.	Le					No	
36	0.	Le					No	
36	0.	Le					Yes	
36	0.4	Le					No	
36	0.4	Le					No	
36	0.4	Le					No	
36	0.4	Le					Yes	
37	0.	DEAD					No	
37	0.	DEAD					No	
37	0.	DEAD					No	
37	0.	DEAD					Yes	
37	0.4	DEAD					No	
37	0.4	DEAD					No	
37	0.4	DEAD					No	
37	0.4	DEAD					Yes	
37	0.	Lr					No	
37	0.	Lr					No	
37	0.	Lr					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
37	0.	Lr					Yes	
37	0.4	Lr					No	
37	0.4	Lr					No	
37	0.4	Lr					No	
37	0.4	Lr					Yes	
37	0.	Le					No	
37	0.	Le					No	
37	0.	Le					No	
37	0.	Le					Yes	
37	0.4	Le					No	
37	0.4	Le					No	
37	0.4	Le					No	
37	0.4	Le					Yes	
38	0.	DEAD					No	
38	0.	DEAD					No	
38	0.	DEAD					No	
38	0.	DEAD					Yes	
38	0.4	DEAD					No	
38	0.4	DEAD					No	
38	0.4	DEAD					No	
38	0.4	DEAD					Yes	
38	0.	Lr					No	
38	0.	Lr					No	
38	0.	Lr					No	
38	0.	Lr					Yes	
38	0.4	Lr					No	
38	0.4	Lr					No	
38	0.4	Lr					No	
38	0.4	Lr					Yes	
38	0.	Le					No	
38	0.	Le					No	
38	0.	Le					No	
38	0.	Le					Yes	
38	0.4	Le					No	
38	0.4	Le					No	
38	0.4	Le					No	
38	0.4	Le					Yes	
39	0.	DEAD					No	
39	0.	DEAD					No	
39	0.	DEAD					No	
39	0.	DEAD					Yes	
39	0.4	DEAD					No	
39	0.4	DEAD					No	
39	0.4	DEAD					No	
39	0.4	DEAD					Yes	
39	0.	Lr					No	
39	0.	Lr					No	
39	0.	Lr					No	
39	0.	Lr					Yes	
39	0.4	Lr					No	
39	0.4	Lr					No	
39	0.4	Lr					No	
39	0.4	Lr					Yes	
39	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
39	0.	Le					No	
39	0.	Le					No	
39	0.	Le					Yes	
39	0.4	Le					No	
39	0.4	Le					No	
39	0.4	Le					No	
39	0.4	Le					Yes	
40	0.	DEAD					No	
40	0.	DEAD					No	
40	0.	DEAD					No	
40	0.	DEAD					Yes	
40	0.4	DEAD					No	
40	0.4	DEAD					No	
40	0.4	DEAD					No	
40	0.4	DEAD					Yes	
40	0.	Lr					No	
40	0.	Lr					No	
40	0.	Lr					No	
40	0.	Lr					Yes	
40	0.4	Lr					No	
40	0.4	Lr					No	
40	0.4	Lr					No	
40	0.4	Lr					Yes	
40	0.	Le					No	
40	0.	Le					No	
40	0.	Le					No	
40	0.	Le					Yes	
40	0.4	Le					No	
40	0.4	Le					No	
40	0.4	Le					No	
40	0.4	Le					Yes	
41	0.	DEAD					No	
41	0.	DEAD					No	
41	0.	DEAD					No	
41	0.	DEAD					Yes	
41	0.4	DEAD					No	
41	0.4	DEAD					No	
41	0.4	DEAD					No	
41	0.4	DEAD					Yes	
41	0.	Lr					No	
41	0.	Lr					No	
41	0.	Lr					No	
41	0.	Lr					Yes	
41	0.4	Lr					No	
41	0.4	Lr					No	
41	0.4	Lr					No	
41	0.4	Lr					Yes	
41	0.	Le					No	
41	0.	Le					No	
41	0.	Le					No	
41	0.	Le					Yes	
41	0.4	Le					No	
41	0.4	Le					No	
41	0.4	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
41	0.4	Le					Yes	
42	0.	DEAD					No	
42	0.	DEAD					No	
42	0.	DEAD					No	
42	0.	DEAD					Yes	
42	0.4	DEAD					No	
42	0.4	DEAD					No	
42	0.4	DEAD					No	
42	0.4	DEAD					Yes	
42	0.	Lr					No	
42	0.	Lr					No	
42	0.	Lr					No	
42	0.	Lr					Yes	
42	0.4	Lr					No	
42	0.4	Lr					No	
42	0.4	Lr					No	
42	0.4	Lr					Yes	
42	0.	Le					No	
42	0.	Le					No	
42	0.	Le					No	
42	0.	Le					Yes	
42	0.4	Le					No	
42	0.4	Le					No	
42	0.4	Le					No	
42	0.4	Le					Yes	
43	0.	DEAD					No	
43	0.	DEAD					No	
43	0.	DEAD					No	
43	0.	DEAD					Yes	
43	0.33673	DEAD					No	
43	0.33673	DEAD					No	
43	0.33673	DEAD					No	
43	0.33673	DEAD					Yes	
43	0.	Lr					No	
43	0.	Lr					No	
43	0.	Lr					No	
43	0.	Lr					Yes	
43	0.33673	Lr					No	
43	0.33673	Lr					No	
43	0.33673	Lr					No	
43	0.33673	Lr					Yes	
43	0.	Le					No	
43	0.	Le					No	
43	0.	Le					No	
43	0.	Le					Yes	
43	0.33673	Le					No	
43	0.33673	Le					No	
43	0.33673	Le					No	
43	0.33673	Le					Yes	
44	0.	DEAD					No	
44	0.	DEAD					No	
44	0.	DEAD					No	
44	0.	DEAD					Yes	
44	0.20327	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
44	0.20327	DEAD					No	
44	0.20327	DEAD					Yes	
44	0.20327	DEAD					No	
44	0.	Lr					No	
44	0.	Lr					No	
44	0.	Lr					No	
44	0.	Lr					Yes	
44	0.20327	Lr					No	
44	0.20327	Lr					No	
44	0.20327	Lr					Yes	
44	0.20327	Lr					No	
44	0.	Le					No	
44	0.	Le					No	
44	0.	Le					No	
44	0.	Le					Yes	
44	0.20327	Le					No	
44	0.20327	Le					No	
44	0.20327	Le					Yes	
44	0.20327	Le					No	
45	0.	DEAD					No	
45	0.	DEAD					No	
45	0.	DEAD					No	
45	0.	DEAD					Yes	
45	0.4	DEAD					No	
45	0.4	DEAD					No	
45	0.4	DEAD					Yes	
45	0.4	DEAD					No	
45	0.	Lr					No	
45	0.	Lr					No	
45	0.	Lr					No	
45	0.	Lr					Yes	
45	0.4	Lr					No	
45	0.4	Lr					No	
45	0.4	Lr					Yes	
45	0.4	Lr					No	
45	0.	Le					No	
45	0.	Le					No	
45	0.	Le					No	
45	0.	Le					Yes	
45	0.4	Le					No	
45	0.4	Le					No	
45	0.4	Le					Yes	
45	0.4	Le					No	
46	0.	DEAD					No	
46	0.	DEAD					Yes	
46	0.	DEAD					No	
46	0.	DEAD					No	
46	0.4	DEAD					No	
46	0.4	DEAD					No	
46	0.4	DEAD					Yes	
46	0.4	DEAD					No	
46	0.	Lr					No	
46	0.	Lr					Yes	
46	0.	Lr					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
46	0.	Lr					No	
46	0.4	Lr					No	
46	0.4	Lr					No	
46	0.4	Lr					Yes	
46	0.4	Lr					No	
46	0.	Le					No	
46	0.	Le					Yes	
46	0.	Le					No	
46	0.	Le					No	
46	0.4	Le					No	
46	0.4	Le					No	
46	0.4	Le					Yes	
46	0.4	Le					No	
47	0.	DEAD					No	
47	0.	DEAD					Yes	
47	0.	DEAD					No	
47	0.	DEAD					No	
47	0.4	DEAD					No	
47	0.4	DEAD					No	
47	0.4	DEAD					Yes	
47	0.4	DEAD					No	
47	0.	Lr					No	
47	0.	Lr					Yes	
47	0.	Lr					No	
47	0.	Lr					No	
47	0.4	Lr					No	
47	0.4	Lr					No	
47	0.4	Lr					Yes	
47	0.4	Lr					No	
47	0.	Le					No	
47	0.	Le					Yes	
47	0.	Le					No	
47	0.	Le					No	
47	0.4	Le					No	
47	0.4	Le					No	
47	0.4	Le					Yes	
47	0.4	Le					No	
48	0.	DEAD					No	
48	0.	DEAD					Yes	
48	0.	DEAD					No	
48	0.	DEAD					No	
48	0.4	DEAD					No	
48	0.4	DEAD					No	
48	0.4	DEAD					Yes	
48	0.4	DEAD					No	
48	0.	Lr					No	
48	0.	Lr					Yes	
48	0.	Lr					No	
48	0.	Lr					No	
48	0.4	Lr					No	
48	0.4	Lr					No	
48	0.4	Lr					Yes	
48	0.4	Lr					No	
48	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
48	0.	Le					Yes	
48	0.	Le					No	
48	0.	Le					No	
48	0.4	Le					No	
48	0.4	Le					No	
48	0.4	Le					Yes	
48	0.4	Le					No	
49	0.	DEAD					No	
49	0.	DEAD					Yes	
49	0.	DEAD					No	
49	0.	DEAD					No	
49	0.4	DEAD					No	
49	0.4	DEAD					No	
49	0.4	DEAD					Yes	
49	0.4	DEAD					No	
49	0.	Lr					No	
49	0.	Lr					Yes	
49	0.	Lr					No	
49	0.	Lr					No	
49	0.4	Lr					No	
49	0.4	Lr					No	
49	0.4	Lr					Yes	
49	0.4	Lr					No	
49	0.	Le					No	
49	0.	Le					Yes	
49	0.	Le					No	
49	0.	Le					No	
49	0.4	Le					No	
49	0.4	Le					No	
49	0.4	Le					Yes	
49	0.4	Le					No	
50	0.	DEAD					No	
50	0.	DEAD					Yes	
50	0.	DEAD					No	
50	0.	DEAD					No	
50	0.4	DEAD					No	
50	0.4	DEAD					No	
50	0.4	DEAD					Yes	
50	0.4	DEAD					No	
50	0.	Lr					No	
50	0.	Lr					Yes	
50	0.	Lr					No	
50	0.	Lr					No	
50	0.4	Lr					No	
50	0.4	Lr					No	
50	0.4	Lr					Yes	
50	0.4	Lr					No	
50	0.	Le					No	
50	0.	Le					Yes	
50	0.	Le					No	
50	0.	Le					No	
50	0.4	Le					No	
50	0.4	Le					No	
50	0.4	Le					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
50	0.4	Le					No	
51	0.	DEAD					No	
51	0.	DEAD					No	
51	0.	DEAD					Yes	
51	0.	DEAD					No	
51	0.4	DEAD					No	
51	0.4	DEAD					Yes	
51	0.4	DEAD					No	
51	0.4	DEAD					No	
51	0.	Lr					No	
51	0.	Lr					No	
51	0.	Lr					Yes	
51	0.	Lr					No	
51	0.4	Lr					No	
51	0.4	Lr					Yes	
51	0.4	Lr					No	
51	0.4	Lr					No	
51	0.	Le					No	
51	0.	Le					No	
51	0.	Le					Yes	
51	0.	Le					No	
51	0.4	Le					No	
51	0.4	Le					Yes	
51	0.4	Le					No	
51	0.4	Le					No	
52	0.	DEAD					No	
52	0.	DEAD					No	
52	0.	DEAD					Yes	
52	0.	DEAD					No	
52	0.4	DEAD					No	
52	0.4	DEAD					Yes	
52	0.4	DEAD					No	
52	0.4	DEAD					No	
52	0.	Lr					No	
52	0.	Lr					No	
52	0.	Lr					Yes	
52	0.	Lr					No	
52	0.4	Lr					No	
52	0.4	Lr					Yes	
52	0.4	Lr					No	
52	0.4	Lr					No	
52	0.	Le					No	
52	0.	Le					No	
52	0.	Le					Yes	
52	0.	Le					No	
52	0.4	Le					No	
52	0.4	Le					Yes	
52	0.4	Le					No	
52	0.4	Le					No	
53	0.	DEAD					No	
53	0.	DEAD					No	
53	0.	DEAD					Yes	
53	0.	DEAD					No	
53	0.4	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
53	0.4	DEAD					Yes	
53	0.4	DEAD					No	
53	0.4	DEAD					No	
53	0.	Lr					No	
53	0.	Lr					No	
53	0.	Lr					Yes	
53	0.	Lr					No	
53	0.4	Lr					No	
53	0.4	Lr					Yes	
53	0.4	Lr					No	
53	0.4	Lr					No	
53	0.	Le					No	
53	0.	Le					No	
53	0.	Le					Yes	
53	0.	Le					No	
53	0.4	Le					No	
53	0.4	Le					Yes	
53	0.4	Le					No	
53	0.4	Le					No	
54	0.	DEAD					No	
54	0.	DEAD					No	
54	0.	DEAD					Yes	
54	0.	DEAD					No	
54	0.4	DEAD					No	
54	0.4	DEAD					Yes	
54	0.4	DEAD					No	
54	0.4	DEAD					No	
54	0.	Lr					No	
54	0.	Lr					No	
54	0.	Lr					Yes	
54	0.	Lr					No	
54	0.4	Lr					No	
54	0.4	Lr					Yes	
54	0.4	Lr					No	
54	0.4	Lr					No	
54	0.	Le					No	
54	0.	Le					No	
54	0.	Le					Yes	
54	0.	Le					No	
54	0.4	Le					No	
54	0.4	Le					Yes	
54	0.4	Le					No	
54	0.4	Le					No	
55	0.	DEAD					No	
55	0.	DEAD					No	
55	0.	DEAD					Yes	
55	0.	DEAD					No	
55	0.4	DEAD					No	
55	0.4	DEAD					Yes	
55	0.4	DEAD					No	
55	0.4	DEAD					No	
55	0.	Lr					No	
55	0.	Lr					No	
55	0.	Lr					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
55	0.	Lr					No	
55	0.4	Lr					No	
55	0.4	Lr					Yes	
55	0.4	Lr					No	
55	0.4	Lr					No	
55	0.	Le					No	
55	0.	Le					No	
55	0.	Le					Yes	
55	0.	Le					No	
55	0.4	Le					No	
55	0.4	Le					Yes	
55	0.4	Le					No	
55	0.4	Le					No	
56	0.	DEAD					No	
56	0.	DEAD					No	
56	0.	DEAD					Yes	
56	0.	DEAD					No	
56	0.4	DEAD					No	
56	0.4	DEAD					Yes	
56	0.4	DEAD					No	
56	0.4	DEAD					No	
56	0.	Lr					No	
56	0.	Lr					No	
56	0.	Lr					Yes	
56	0.	Lr					No	
56	0.4	Lr					No	
56	0.4	Lr					Yes	
56	0.4	Lr					No	
56	0.4	Lr					No	
56	0.	Le					No	
56	0.	Le					No	
56	0.	Le					Yes	
56	0.	Le					No	
56	0.4	Le					No	
56	0.4	Le					Yes	
56	0.4	Le					No	
56	0.4	Le					No	
57	0.	DEAD					No	
57	0.	DEAD					No	
57	0.	DEAD					Yes	
57	0.	DEAD					No	
57	0.33673	DEAD					No	
57	0.33673	DEAD					No	
57	0.33673	DEAD					No	
57	0.33673	DEAD					Yes	
57	0.	Lr					No	
57	0.	Lr					No	
57	0.	Lr					Yes	
57	0.	Lr					No	
57	0.33673	Lr					No	
57	0.33673	Lr					No	
57	0.33673	Lr					No	
57	0.33673	Lr					Yes	
57	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
57	0.	Le					No	
57	0.	Le					Yes	
57	0.	Le					No	
57	0.33673	Le					No	
57	0.33673	Le					No	
57	0.33673	Le					No	
57	0.33673	Le					Yes	
306	0.	DEAD					No	
306	0.	DEAD					No	
306	0.	DEAD					No	
306	0.	DEAD					Yes	
306	0.17	DEAD					No	
306	0.17	DEAD					No	
306	0.17	DEAD					Yes	
306	0.17	DEAD					No	
306	0.34	DEAD					No	
306	0.34	DEAD					No	
306	0.34	DEAD					Yes	
306	0.34	DEAD					No	
306	0.	Lr					No	
306	0.	Lr					No	
306	0.	Lr					No	
306	0.	Lr					Yes	
306	0.17	Lr					No	
306	0.17	Lr					No	
306	0.17	Lr					Yes	
306	0.17	Lr					No	
306	0.34	Lr					No	
306	0.34	Lr					No	
306	0.34	Lr					Yes	
306	0.34	Lr					No	
306	0.	Le					No	
306	0.	Le					No	
306	0.	Le					No	
306	0.	Le					Yes	
306	0.17	Le					No	
306	0.17	Le					No	
306	0.17	Le					Yes	
306	0.17	Le					No	
306	0.34	Le					No	
306	0.34	Le					No	
306	0.34	Le					Yes	
306	0.34	Le					No	
307	0.	DEAD					No	
307	0.	DEAD					No	
307	0.	DEAD					No	
307	0.	DEAD					Yes	
307	0.17	DEAD					No	
307	0.17	DEAD					No	
307	0.17	DEAD					No	
307	0.17	DEAD					Yes	
307	0.34	DEAD					No	
307	0.34	DEAD					No	
307	0.34	DEAD					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
307	0.34	DEAD					No	
307	0.	Lr					No	
307	0.	Lr					No	
307	0.	Lr					No	
307	0.	Lr					Yes	
307	0.17	Lr					No	
307	0.17	Lr					No	
307	0.17	Lr					No	
307	0.17	Lr					Yes	
307	0.34	Lr					No	
307	0.34	Lr					No	
307	0.34	Lr					Yes	
307	0.34	Lr					No	
307	0.	Le					No	
307	0.	Le					No	
307	0.	Le					No	
307	0.	Le					Yes	
307	0.17	Le					No	
307	0.17	Le					No	
307	0.17	Le					No	
307	0.17	Le					Yes	
307	0.34	Le					No	
307	0.34	Le					No	
307	0.34	Le					Yes	
307	0.34	Le					No	
308	0.	DEAD					No	
308	0.	DEAD					No	
308	0.	DEAD					No	
308	0.	DEAD					Yes	
308	0.17	DEAD					No	
308	0.17	DEAD					Yes	
308	0.17	DEAD					No	
308	0.17	DEAD					No	
308	0.34	DEAD					No	
308	0.34	DEAD					No	
308	0.34	DEAD					Yes	
308	0.34	DEAD					No	
308	0.	Lr					No	
308	0.	Lr					No	
308	0.	Lr					No	
308	0.	Lr					Yes	
308	0.17	Lr					No	
308	0.17	Lr					Yes	
308	0.17	Lr					No	
308	0.17	Lr					No	
308	0.34	Lr					No	
308	0.34	Lr					No	
308	0.34	Lr					Yes	
308	0.34	Lr					No	
308	0.	Le					No	
308	0.	Le					No	
308	0.	Le					No	
308	0.	Le					Yes	
308	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
308	0.17	Le					Yes	
308	0.17	Le					No	
308	0.17	Le					No	
308	0.34	Le					No	
308	0.34	Le					No	
308	0.34	Le					Yes	
308	0.34	Le					No	
309	0.	DEAD					No	
309	0.	DEAD					No	
309	0.	DEAD					No	
309	0.	DEAD					Yes	
309	0.17	DEAD					No	
309	0.17	DEAD					No	
309	0.17	DEAD					Yes	
309	0.17	DEAD					No	
309	0.34	DEAD					No	
309	0.34	DEAD					No	
309	0.34	DEAD					Yes	
309	0.34	DEAD					No	
309	0.	Lr					No	
309	0.	Lr					No	
309	0.	Lr					No	
309	0.	Lr					Yes	
309	0.17	Lr					No	
309	0.17	Lr					No	
309	0.17	Lr					Yes	
309	0.17	Lr					No	
309	0.34	Lr					No	
309	0.34	Lr					No	
309	0.34	Lr					Yes	
309	0.34	Lr					No	
309	0.	Le					No	
309	0.	Le					No	
309	0.	Le					No	
309	0.	Le					Yes	
309	0.17	Le					No	
309	0.17	Le					No	
309	0.17	Le					Yes	
309	0.17	Le					No	
309	0.34	Le					No	
309	0.34	Le					No	
309	0.34	Le					Yes	
309	0.34	Le					No	
30A	0.	DEAD					No	
30A	0.	DEAD					No	
30A	0.	DEAD					No	
30A	0.	DEAD					Yes	
30A	0.17	DEAD					No	
30A	0.17	DEAD					No	
30A	0.17	DEAD					Yes	
30A	0.17	DEAD					No	
30A	0.34	DEAD					No	
30A	0.34	DEAD					No	
30A	0.34	DEAD					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30A	0.34	DEAD					No	
30A	0.	Lr					No	
30A	0.	Lr					No	
30A	0.	Lr					No	
30A	0.	Lr					Yes	
30A	0.17	Lr					No	
30A	0.17	Lr					No	
30A	0.17	Lr					Yes	
30A	0.17	Lr					No	
30A	0.34	Lr					No	
30A	0.34	Lr					No	
30A	0.34	Lr					Yes	
30A	0.34	Lr					No	
30A	0.	Le					No	
30A	0.	Le					No	
30A	0.	Le					No	
30A	0.	Le					Yes	
30A	0.17	Le					No	
30A	0.17	Le					No	
30A	0.17	Le					Yes	
30A	0.17	Le					No	
30A	0.34	Le					No	
30A	0.34	Le					No	
30A	0.34	Le					Yes	
30A	0.34	Le					No	
30B	0.	DEAD					No	
30B	0.	DEAD					No	
30B	0.	DEAD					No	
30B	0.	DEAD					Yes	
30B	0.17	DEAD					No	
30B	0.17	DEAD					No	
30B	0.17	DEAD					No	
30B	0.17	DEAD					Yes	
30B	0.34	DEAD					No	
30B	0.34	DEAD					No	
30B	0.34	DEAD					Yes	
30B	0.34	DEAD					No	
30B	0.	Lr					No	
30B	0.	Lr					No	
30B	0.	Lr					No	
30B	0.	Lr					Yes	
30B	0.17	Lr					No	
30B	0.17	Lr					No	
30B	0.17	Lr					No	
30B	0.17	Lr					Yes	
30B	0.34	Lr					No	
30B	0.34	Lr					No	
30B	0.34	Lr					Yes	
30B	0.34	Lr					No	
30B	0.	Le					No	
30B	0.	Le					No	
30B	0.	Le					No	
30B	0.	Le					Yes	
30B	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30B	0.17	Le					No	
30B	0.17	Le					No	
30B	0.17	Le					Yes	
30B	0.34	Le					No	
30B	0.34	Le					No	
30B	0.34	Le					Yes	
30B	0.34	Le					No	
30C	0.	DEAD					No	
30C	0.	DEAD					No	
30C	0.	DEAD					No	
30C	0.	DEAD					Yes	
30C	0.17	DEAD					No	
30C	0.17	DEAD					No	
30C	0.17	DEAD					Yes	
30C	0.17	DEAD					No	
30C	0.34	DEAD					No	
30C	0.34	DEAD					No	
30C	0.34	DEAD					Yes	
30C	0.34	DEAD					No	
30C	0.	Lr					No	
30C	0.	Lr					No	
30C	0.	Lr					No	
30C	0.	Lr					Yes	
30C	0.17	Lr					No	
30C	0.17	Lr					No	
30C	0.17	Lr					Yes	
30C	0.17	Lr					No	
30C	0.34	Lr					No	
30C	0.34	Lr					No	
30C	0.34	Lr					Yes	
30C	0.34	Lr					No	
30C	0.	Le					No	
30C	0.	Le					No	
30C	0.	Le					No	
30C	0.	Le					Yes	
30C	0.17	Le					No	
30C	0.17	Le					No	
30C	0.17	Le					Yes	
30C	0.17	Le					No	
30C	0.34	Le					No	
30C	0.34	Le					No	
30C	0.34	Le					Yes	
30C	0.34	Le					No	
30D	0.	DEAD	18.57	30634.53	-4.660E-02	30634.55	No	No
30D	0.	DEAD	193.25	30324.25	-1.23	30324.86	No	No
30D	0.	DEAD	132.8	32006.69	-1.16	32007.27	No	No
30D	0.	DEAD	132.8	28823.97	-1.01	28824.47	No	No
30D	0.	DEAD	0.	32886.21	-1.31	32886.86	Yes	No
30D	0.	DEAD	0.	28384.77	-0.71	28385.13	No	Yes
30D	0.	DEAD	-114.23	32447.01	-1.01	32447.51	No	No
30D	0.	DEAD	-114.23	29264.27	-0.84	29264.69	No	No
30D	0.	DEAD	-156.11	30946.73	-0.79	30947.13	No	No
30D	0.26249	DEAD	18.57	30647.58	-1.625E-02	30647.59	No	No
30D	0.26249	DEAD	193.25	32714.56	-1.14	32715.13	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30D	0.26249	DEAD	132.8	32321.85	-1.07	32322.38	No	No
30D	0.26249	DEAD	132.8	31896.88	-0.98	31897.38	No	No
30D	0.26249	DEAD	0.	30949.14	-1.13	30949.7	No	No
30D	0.26249	DEAD	0.	30348.	-0.87	30348.43	No	Yes
30D	0.26249	DEAD	-114.23	29400.25	-1.02	29400.76	No	No
30D	0.26249	DEAD	-114.23	28975.27	-0.93	28975.74	No	No
30D	0.26249	DEAD	-156.11	28582.57	-0.85	28583.	No	No
30D	0.52498	DEAD	18.57	30660.66	-1.341E-02	30660.67	No	No
30D	0.52498	DEAD	193.25	32949.8	-1.13	32950.37	No	No
30D	0.52498	DEAD	132.8	31113.15	-1.03	31113.66	No	No
30D	0.52498	DEAD	132.8	33445.94	-1.01	33446.45	Yes	No
30D	0.52498	DEAD	0.	29012.07	-0.96	29012.55	No	No
30D	0.52498	DEAD	0.	32311.22	-1.03	32311.74	No	Yes
30D	0.52498	DEAD	-114.23	27877.36	-0.98	27877.85	No	No
30D	0.52498	DEAD	-114.23	30210.15	-0.97	30210.63	No	No
30D	0.52498	DEAD	-156.11	28373.49	-0.86	28373.92	No	No
30D	0.	Lr	18.43	30303.29	-1.648E-02	30303.3	No	No
30D	0.	Lr	196.	30680.35	-1.25	30680.98	No	No
30D	0.	Lr	134.78	32148.28	-1.11	32148.83	No	No
30D	0.	Lr	134.78	28991.98	-1.12	28992.54	No	No
30D	0.	Lr	0.	32536.23	-1.11	32536.79	Yes	No
30D	0.	Lr	0.	28072.4	-0.97	28072.88	No	Yes
30D	0.	Lr	-116.34	31616.66	-0.98	31617.15	No	No
30D	0.	Lr	-116.34	28460.35	-0.98	28460.83	No	No
30D	0.	Lr	-159.13	29928.29	-0.85	29928.72	No	No
30D	0.26249	Lr	18.43	30303.29	-1.648E-02	30303.3	No	No
30D	0.26249	Lr	196.	32006.16	-1.2	32006.76	Yes	No
30D	0.26249	Lr	134.78	31717.17	-1.12	31717.73	No	No
30D	0.26249	Lr	134.78	31298.07	-1.03	31298.59	No	No
30D	0.26249	Lr	0.	30600.74	-1.18	30601.33	No	No
30D	0.26249	Lr	0.	30007.89	-0.91	30008.35	No	Yes
30D	0.26249	Lr	-116.34	29310.56	-1.06	29311.09	No	No
30D	0.26249	Lr	-116.34	28891.46	-0.96	28891.94	No	No
30D	0.26249	Lr	-159.13	28602.47	-0.89	28602.92	No	No
30D	0.52498	Lr	18.43	30303.29	-1.648E-02	30303.3	No	No
30D	0.52498	Lr	196.	33331.97	-1.15	33332.54	No	No
30D	0.52498	Lr	134.78	31286.06	-1.14	31286.63	No	No
30D	0.52498	Lr	134.78	33604.17	-0.96	33604.66	Yes	No
30D	0.52498	Lr	0.	28665.26	-1.26	28665.89	No	No
30D	0.52498	Lr	0.	31943.4	-0.85	31943.82	No	Yes
30D	0.52498	Lr	-116.34	27004.48	-1.15	27005.05	No	No
30D	0.52498	Lr	-116.34	29322.56	-0.95	29323.04	No	No
30D	0.52498	Lr	-159.13	27276.66	-0.93	27277.12	No	No
30D	0.	Le	8.26	13577.45	-7.382E-03	13577.45	No	No
30D	0.	Le	87.82	13746.39	-0.56	13746.67	No	No
30D	0.	Le	60.39	14404.1	-0.5	14404.35	No	No
30D	0.	Le	60.39	12989.92	-0.5	12990.17	No	No
30D	0.	Le	0.	14577.92	-0.5	14578.17	Yes	No
30D	0.	Le	0.	12577.89	-0.43	12578.11	No	Yes
30D	0.	Le	-52.13	14165.9	-0.44	14166.12	No	No
30D	0.	Le	-52.13	12751.71	-0.44	12751.93	No	No
30D	0.	Le	-71.3	13409.43	-0.38	13409.62	No	No
30D	0.26249	Le	8.26	13577.45	-7.382E-03	13577.45	No	No
30D	0.26249	Le	87.82	14340.42	-0.54	14340.69	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30D	0.26249	Le	60.39	14210.94	-0.5	14211.19	No	No
30D	0.26249	Le	60.39	14023.16	-0.46	14023.39	No	No
30D	0.26249	Le	0.	13710.72	-0.53	13710.99	No	No
30D	0.26249	Le	0.	13445.09	-0.41	13445.3	No	Yes
30D	0.26249	Le	-52.13	13132.65	-0.47	13132.89	No	No
30D	0.26249	Le	-52.13	12944.87	-0.43	12945.09	No	No
30D	0.26249	Le	-71.3	12815.39	-0.4	12815.59	No	No
30D	0.52498	Le	8.26	13577.45	-7.382E-03	13577.45	No	No
30D	0.52498	Le	87.82	14934.45	-0.52	14934.71	No	No
30D	0.52498	Le	60.39	14017.78	-0.51	14018.04	No	No
30D	0.52498	Le	60.39	15056.42	-0.43	15056.63	Yes	No
30D	0.52498	Le	0.	12843.53	-0.57	12843.81	No	No
30D	0.52498	Le	0.	14312.3	-0.38	14312.49	No	Yes
30D	0.52498	Le	-52.13	12099.41	-0.51	12099.67	No	No
30D	0.52498	Le	-52.13	13138.03	-0.42	13138.24	No	No
30D	0.52498	Le	-71.3	12221.36	-0.42	12221.57	No	No
30E	0.	DEAD	-0.93	2.446E-02	-25212.07	25212.08	No	No
30E	0.	DEAD	9.85	3.946E-03	-24594.91	24594.91	Yes	Yes
30E	0.	DEAD	7.16	1.833E-02	-24695.44	24695.45	No	No
30E	0.	DEAD	7.16	2.983E-03	-24855.9	24855.9	No	No
30E	0.	DEAD	0.	5.049E-02	-25098.62	25098.65	No	No
30E	0.	DEAD	0.	7.779E-03	-25325.52	25325.53	No	No
30E	0.	DEAD	-8.09	1.825E-02	-25568.21	25568.22	No	No
30E	0.	DEAD	-8.09	3.433E-03	-25728.67	25728.67	No	No
30E	0.	DEAD	-11.71	5.311E-03	-25829.19	25829.19	No	No
30E	0.26249	DEAD	-0.93	7.653E-04	-25198.96	25198.96	No	No
30E	0.26249	DEAD	9.85	4.209E-03	-23053.63	23053.64	Yes	No
30E	0.26249	DEAD	7.16	6.234E-03	-23532.66	23532.66	No	No
30E	0.26249	DEAD	7.16	3.409E-03	-23831.32	23831.32	No	No
30E	0.26249	DEAD	0.	9.093E-03	-24987.78	24987.78	No	No
30E	0.26249	DEAD	0.	1.658E-03	-25410.15	25410.15	No	Yes
30E	0.26249	DEAD	-8.09	6.056E-03	-26566.61	26566.61	No	No
30E	0.26249	DEAD	-8.09	3.553E-03	-26865.27	26865.27	No	No
30E	0.26249	DEAD	-11.71	5.017E-03	-27344.29	27344.29	No	No
30E	0.52498	DEAD	-0.93	1.050E-02	-25185.88	25185.89	No	No
30E	0.52498	DEAD	9.85	4.100E-03	-23667.5	23667.5	Yes	No
30E	0.52498	DEAD	7.16	2.155E-03	-23893.79	23893.79	No	No
30E	0.52498	DEAD	7.16	1.229E-02	-24330.66	24330.67	No	No
30E	0.52498	DEAD	0.	1.195E-03	-24876.97	24876.97	No	No
30E	0.52498	DEAD	0.	2.863E-02	-25494.81	25494.82	No	Yes
30E	0.52498	DEAD	-8.09	2.522E-03	-26041.1	26041.1	No	No
30E	0.52498	DEAD	-8.09	1.183E-02	-26477.96	26477.97	No	No
30E	0.52498	DEAD	-11.71	5.137E-03	-26704.25	26704.25	No	No
30E	0.	Lr	-0.9	7.547E-04	-24917.04	24917.04	No	No
30E	0.	Lr	10.39	4.571E-03	-23597.46	23597.46	Yes	No
30E	0.	Lr	7.53	6.642E-03	-23901.77	23901.77	No	No
30E	0.	Lr	7.53	3.783E-03	-24066.14	24066.14	No	No
30E	0.	Lr	0.	9.723E-03	-24800.81	24800.82	No	No
30E	0.	Lr	0.	1.983E-03	-25033.27	25033.27	No	Yes
30E	0.	Lr	-8.43	6.719E-03	-25767.94	25767.95	No	No
30E	0.	Lr	-8.43	4.066E-03	-25932.31	25932.32	No	No
30E	0.	Lr	-12.19	5.662E-03	-26236.63	26236.63	No	No
30E	0.26249	Lr	-0.9	7.547E-04	-24917.04	24917.04	No	No
30E	0.26249	Lr	10.39	4.659E-03	-23152.1	23152.1	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30E	0.26249	Lr	7.53	6.750E-03	-23519.96	23519.96	No	No
30E	0.26249	Lr	7.53	3.823E-03	-23818.12	23818.13	No	No
30E	0.26249	Lr	0.	9.760E-03	-24706.21	24706.21	No	No
30E	0.26249	Lr	0.	1.975E-03	-25127.88	25127.88	No	Yes
30E	0.26249	Lr	-8.43	6.655E-03	-26015.96	26015.96	No	No
30E	0.26249	Lr	-8.43	4.007E-03	-26314.13	26314.13	No	No
30E	0.26249	Lr	-12.19	5.567E-03	-26681.98	26681.98	No	No
30E	0.52498	Lr	-0.9	7.547E-04	-24917.04	24917.04	No	No
30E	0.52498	Lr	10.39	4.750E-03	-22706.75	22706.75	Yes	No
30E	0.52498	Lr	7.53	6.861E-03	-23138.14	23138.15	No	No
30E	0.52498	Lr	7.53	3.863E-03	-23570.11	23570.11	No	No
30E	0.52498	Lr	0.	9.797E-03	-24611.6	24611.6	No	No
30E	0.52498	Lr	0.	1.968E-03	-25222.48	25222.48	No	Yes
30E	0.52498	Lr	-8.43	6.592E-03	-26263.97	26263.98	No	No
30E	0.52498	Lr	-8.43	3.949E-03	-26695.94	26695.94	No	No
30E	0.52498	Lr	-12.19	5.476E-03	-27127.34	27127.34	No	No
30E	0.	Le	-0.4	3.381E-04	-11164.13	11164.13	No	No
30E	0.	Le	4.65	2.048E-03	-10572.89	10572.89	Yes	No
30E	0.	Le	3.37	2.976E-03	-10709.23	10709.24	No	No
30E	0.	Le	3.37	1.695E-03	-10782.88	10782.88	No	No
30E	0.	Le	0.	4.356E-03	-11112.05	11112.06	No	No
30E	0.	Le	0.	8.883E-04	-11216.2	11216.2	No	Yes
30E	0.	Le	-3.78	3.010E-03	-11545.38	11545.38	No	No
30E	0.	Le	-3.78	1.822E-03	-11619.02	11619.02	No	No
30E	0.	Le	-5.46	2.537E-03	-11755.37	11755.37	No	No
30E	0.26249	Le	-0.4	3.381E-04	-11164.13	11164.13	No	No
30E	0.26249	Le	4.65	2.087E-03	-10373.34	10373.34	Yes	No
30E	0.26249	Le	3.37	3.024E-03	-10538.16	10538.16	No	No
30E	0.26249	Le	3.37	1.713E-03	-10671.76	10671.76	No	No
30E	0.26249	Le	0.	4.373E-03	-11069.66	11069.67	No	No
30E	0.26249	Le	0.	8.850E-04	-11258.59	11258.59	No	Yes
30E	0.26249	Le	-3.78	2.982E-03	-11656.5	11656.5	No	No
30E	0.26249	Le	-3.78	1.795E-03	-11790.1	11790.1	No	No
30E	0.26249	Le	-5.46	2.494E-03	-11954.91	11954.91	No	No
30E	0.52498	Le	-0.4	3.381E-04	-11164.13	11164.13	No	No
30E	0.52498	Le	4.65	2.128E-03	-10173.8	10173.8	Yes	No
30E	0.52498	Le	3.37	3.074E-03	-10367.09	10367.09	No	No
30E	0.52498	Le	3.37	1.731E-03	-10560.63	10560.63	No	No
30E	0.52498	Le	0.	4.390E-03	-11027.27	11027.28	No	No
30E	0.52498	Le	0.	8.817E-04	-11300.98	11300.98	No	Yes
30E	0.52498	Le	-3.78	2.954E-03	-11767.62	11767.63	No	No
30E	0.52498	Le	-3.78	1.769E-03	-11961.17	11961.17	No	No
30E	0.52498	Le	-5.46	2.453E-03	-12154.46	12154.46	No	No
30F	0.	DEAD	12.91	19765.34	-2.385E-02	19765.36	No	No
30F	0.	DEAD	49.	21869.12	-0.11	21869.18	No	No
30F	0.	DEAD	31.98	22394.06	-9.806E-02	22394.11	Yes	No
30F	0.	DEAD	31.98	20111.81	-6.487E-02	20111.84	No	No
30F	0.	DEAD	0.	21379.23	-0.13	21379.3	No	No
30F	0.	DEAD	0.	18151.56	-1.913E-02	18151.57	No	Yes
30F	0.	DEAD	-19.07	19418.97	-7.916E-02	19419.01	No	No
30F	0.	DEAD	-19.07	17136.71	-3.768E-02	17136.73	No	No
30F	0.	DEAD	-23.19	17661.66	-3.045E-02	17661.67	No	No
30F	0.26249	DEAD	12.91	19778.41	-8.896E-03	19778.42	No	No
30F	0.26249	DEAD	49.	22638.04	-0.11	22638.09	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30F	0.26249	DEAD	31.98	21983.4	-7.270E-02	21983.44	No	No
30F	0.26249	DEAD	31.98	21617.55	-8.117E-02	21617.59	No	No
30F	0.26249	DEAD	0.	20037.16	-5.446E-02	20037.19	No	No
30F	0.26249	DEAD	0.	19519.78	-7.857E-02	19519.82	No	Yes
30F	0.26249	DEAD	-19.07	17939.39	-5.236E-02	17939.42	No	No
30F	0.26249	DEAD	-19.07	17573.55	-6.235E-02	17573.58	No	No
30F	0.26249	DEAD	-23.19	16918.91	-3.179E-02	16918.92	No	No
30F	0.52498	DEAD	12.91	19791.53	-3.653E-02	19791.55	No	No
30F	0.52498	DEAD	49.	21251.83	-0.11	21251.88	No	No
30F	0.52498	DEAD	31.98	20048.83	-6.041E-02	20048.86	No	No
30F	0.52498	DEAD	31.98	21599.39	-0.11	21599.45	Yes	No
30F	0.52498	DEAD	0.	18695.12	-8.367E-03	18695.13	No	No
30F	0.52498	DEAD	0.	20888.04	-0.17	20888.12	No	Yes
30F	0.52498	DEAD	-19.07	17983.73	-3.071E-02	17983.75	No	No
30F	0.52498	DEAD	-19.07	19534.3	-8.992E-02	19534.35	No	No
30F	0.52498	DEAD	-23.19	18331.3	-2.934E-02	18331.31	No	No
30F	0.	Lr	12.81	19557.96	-8.866E-03	19557.96	No	No
30F	0.	Lr	49.23	22351.19	-0.11	22351.25	No	No
30F	0.	Lr	32.16	22666.55	-7.152E-02	22666.58	Yes	No
30F	0.	Lr	32.16	20399.6	-8.715E-02	20399.64	No	No
30F	0.	Lr	0.	21160.99	-5.263E-02	21161.02	No	No
30F	0.	Lr	0.	17955.05	-8.672E-02	17955.09	No	Yes
30F	0.	Lr	-19.34	18716.44	-5.136E-02	18716.47	No	No
30F	0.	Lr	-19.34	16449.49	-6.796E-02	16449.53	No	No
30F	0.	Lr	-23.6	16764.85	-3.324E-02	16764.87	No	No
30F	0.26249	Lr	12.81	19557.96	-8.866E-03	19557.96	No	No
30F	0.26249	Lr	49.23	22031.6	-0.11	22031.66	Yes	No
30F	0.26249	Lr	32.16	21489.4	-7.543E-02	21489.44	No	No
30F	0.26249	Lr	32.16	21124.78	-8.416E-02	21124.82	No	No
30F	0.26249	Lr	0.	19815.84	-5.620E-02	19815.87	No	No
30F	0.26249	Lr	0.	19300.2	-8.068E-02	19300.24	No	Yes
30F	0.26249	Lr	-19.34	17991.26	-5.343E-02	17991.29	No	No
30F	0.26249	Lr	-19.34	17626.64	-6.343E-02	17626.67	No	No
30F	0.26249	Lr	-23.6	17084.44	-3.261E-02	17084.46	No	No
30F	0.52498	Lr	12.81	19557.96	-8.866E-03	19557.96	No	No
30F	0.52498	Lr	49.23	21712.02	-0.11	21712.07	No	No
30F	0.52498	Lr	32.16	20312.26	-7.981E-02	20312.3	No	No
30F	0.52498	Lr	32.16	21849.96	-8.136E-02	21850.	Yes	No
30F	0.52498	Lr	0.	18470.7	-6.030E-02	18470.73	No	No
30F	0.52498	Lr	0.	20645.34	-7.542E-02	20645.38	No	Yes
30F	0.52498	Lr	-19.34	17266.08	-5.567E-02	17266.11	No	No
30F	0.52498	Lr	-19.34	18803.78	-5.946E-02	18803.81	No	No
30F	0.52498	Lr	-23.6	17404.03	-3.202E-02	17404.04	No	No
30F	0.	Le	5.74	8762.98	-3.972E-03	8762.98	No	No
30F	0.	Le	22.06	10014.5	-4.858E-02	10014.52	No	No
30F	0.	Le	14.41	10155.79	-3.204E-02	10155.81	Yes	No
30F	0.	Le	14.41	9140.08	-3.905E-02	9140.1	No	No
30F	0.	Le	0.	9481.22	-2.358E-02	9481.23	No	No
30F	0.	Le	0.	8044.8	-3.886E-02	8044.82	No	Yes
30F	0.	Le	-8.67	8385.94	-2.301E-02	8385.95	No	No
30F	0.	Le	-8.67	7370.23	-3.045E-02	7370.24	No	No
30F	0.	Le	-10.58	7511.52	-1.489E-02	7511.53	No	No
30F	0.26249	Le	5.74	8762.98	-3.972E-03	8762.98	No	No
30F	0.26249	Le	22.06	9871.3	-4.928E-02	9871.33	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
30F	0.26249	Le	14.41	9628.37	-3.380E-02	9628.39	No	No
30F	0.26249	Le	14.41	9465.	-3.771E-02	9465.02	No	No
30F	0.26249	Le	0.	8878.53	-2.518E-02	8878.54	No	No
30F	0.26249	Le	0.	8647.49	-3.615E-02	8647.51	No	Yes
30F	0.26249	Le	-8.67	8061.02	-2.394E-02	8061.03	No	No
30F	0.26249	Le	-8.67	7897.65	-2.842E-02	7897.66	No	No
30F	0.26249	Le	-10.58	7654.72	-1.461E-02	7654.72	No	No
30F	0.52498	Le	5.74	8762.98	-3.972E-03	8762.98	No	No
30F	0.52498	Le	22.06	9728.11	-5.001E-02	9728.14	No	No
30F	0.52498	Le	14.41	9100.95	-3.576E-02	9100.97	No	No
30F	0.52498	Le	14.41	9789.92	-3.646E-02	9789.93	Yes	No
30F	0.52498	Le	0.	8275.83	-2.702E-02	8275.85	No	No
30F	0.52498	Le	0.	9250.18	-3.379E-02	9250.2	No	Yes
30F	0.52498	Le	-8.67	7736.1	-2.494E-02	7736.11	No	No
30F	0.52498	Le	-8.67	8425.07	-2.664E-02	8425.08	No	No
30F	0.52498	Le	-10.58	7797.91	-1.434E-02	7797.92	No	No
310	0.	DEAD	-0.17	3.796E-02	-14419.23	14419.25	No	No
310	0.	DEAD	-7.86	4.937E-03	-12521.59	12521.59	Yes	Yes
310	0.	DEAD	-5.52	5.378E-03	-12963.35	12963.36	No	No
310	0.	DEAD	-5.52	2.457E-02	-13191.44	13191.45	No	No
310	0.	DEAD	0.	1.731E-02	-14257.94	14257.95	No	No
310	0.	DEAD	0.	6.626E-02	-14580.52	14580.55	No	No
310	0.	DEAD	5.35	4.334E-03	-15646.97	15646.97	No	No
310	0.	DEAD	5.35	2.029E-02	-15875.05	15875.06	No	No
310	0.	DEAD	7.51	3.459E-03	-16316.8	16316.8	No	No
310	0.26249	DEAD	-0.17	5.738E-04	-14406.1	14406.1	No	No
310	0.26249	DEAD	-7.86	5.554E-03	-11129.62	11129.62	Yes	No
310	0.26249	DEAD	-5.52	3.888E-03	-11962.26	11962.26	No	No
310	0.26249	DEAD	-5.52	6.362E-03	-12216.3	12216.3	No	No
310	0.26249	DEAD	0.	1.631E-03	-14226.48	14226.48	No	Yes
310	0.26249	DEAD	0.	7.641E-03	-14585.74	14585.74	No	No
310	0.26249	DEAD	5.35	2.688E-03	-16595.92	16595.92	No	No
310	0.26249	DEAD	5.35	4.499E-03	-16849.95	16849.95	No	No
310	0.26249	DEAD	7.51	3.192E-03	-17682.6	17682.6	No	No
310	0.52498	DEAD	-0.17	2.166E-02	-14393.04	14393.05	No	No
310	0.52498	DEAD	-7.86	5.198E-03	-11892.79	11892.79	Yes	No
310	0.52498	DEAD	-5.52	1.874E-02	-12485.1	12485.11	No	No
310	0.52498	DEAD	-5.52	3.291E-03	-12765.09	12765.09	No	No
310	0.52498	DEAD	0.	4.525E-02	-14195.07	14195.09	No	Yes
310	0.52498	DEAD	0.	6.811E-03	-14591.02	14591.02	No	No
310	0.52498	DEAD	5.35	1.449E-02	-16020.96	16020.97	No	No
310	0.52498	DEAD	5.35	2.461E-03	-16300.95	16300.95	No	No
310	0.52498	DEAD	7.51	3.341E-03	-16893.25	16893.26	No	No
310	0.	Lr	-0.14	5.751E-04	-14248.43	14248.43	No	No
310	0.	Lr	-7.31	4.582E-03	-11665.5	11665.5	Yes	No
310	0.	Lr	-5.14	3.225E-03	-12304.99	12304.99	No	No
310	0.	Lr	-5.14	5.477E-03	-12539.05	12539.06	No	No
310	0.	Lr	0.	1.320E-03	-14082.93	14082.93	No	Yes
310	0.	Lr	0.	6.979E-03	-14413.94	14413.94	No	No
310	0.	Lr	5.	2.398E-03	-15957.81	15957.81	No	No
310	0.	Lr	5.	4.154E-03	-16191.87	16191.87	No	No
310	0.	Lr	7.03	2.937E-03	-16831.36	16831.37	No	No
310	0.26249	Lr	-0.14	5.751E-04	-14248.43	14248.43	No	No
310	0.26249	Lr	-7.31	4.703E-03	-11365.3	11365.31	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
310	0.26249	Lr	-5.14	3.284E-03	-12082.34	12082.34	No	No
310	0.26249	Lr	-5.14	5.567E-03	-12337.17	12337.17	No	No
310	0.26249	Lr	0.	1.321E-03	-14068.24	14068.24	No	Yes
310	0.26249	Lr	0.	6.972E-03	-14428.62	14428.63	No	No
310	0.26249	Lr	5.	2.368E-03	-16159.7	16159.7	No	No
310	0.26249	Lr	5.	4.097E-03	-16414.52	16414.53	No	No
310	0.26249	Lr	7.03	2.886E-03	-17131.56	17131.56	No	No
310	0.52498	Lr	-0.14	5.751E-04	-14248.43	14248.43	No	No
310	0.52498	Lr	-7.31	4.830E-03	-11065.11	11065.11	Yes	No
310	0.52498	Lr	-5.14	3.346E-03	-11859.69	11859.69	No	No
310	0.52498	Lr	-5.14	5.659E-03	-12135.28	12135.28	No	No
310	0.52498	Lr	0.	1.323E-03	-14053.56	14053.56	No	Yes
310	0.52498	Lr	0.	6.965E-03	-14443.31	14443.31	No	No
310	0.52498	Lr	5.	2.339E-03	-16361.59	16361.59	No	No
310	0.52498	Lr	5.	4.043E-03	-16637.18	16637.18	No	No
310	0.52498	Lr	7.03	2.836E-03	-17431.76	17431.76	No	No
310	0.	Le	-6.266E-02	2.577E-04	-6384.04	6384.04	No	No
310	0.	Le	-3.28	2.053E-03	-5226.75	5226.75	Yes	No
310	0.	Le	-2.3	1.445E-03	-5513.28	5513.28	No	No
310	0.	Le	-2.3	2.454E-03	-5618.15	5618.15	No	No
310	0.	Le	0.	5.915E-04	-6309.88	6309.88	No	Yes
310	0.	Le	0.	3.127E-03	-6458.19	6458.19	No	No
310	0.	Le	2.24	1.074E-03	-7149.93	7149.93	No	No
310	0.	Le	2.24	1.861E-03	-7254.8	7254.8	No	No
310	0.	Le	3.15	1.316E-03	-7541.33	7541.33	No	No
310	0.26249	Le	-6.266E-02	2.577E-04	-6384.04	6384.04	No	No
310	0.26249	Le	-3.28	2.107E-03	-5092.25	5092.25	Yes	No
310	0.26249	Le	-2.3	1.471E-03	-5413.52	5413.52	No	No
310	0.26249	Le	-2.3	2.494E-03	-5527.69	5527.69	No	No
310	0.26249	Le	0.	5.921E-04	-6303.3	6303.3	No	Yes
310	0.26249	Le	0.	3.124E-03	-6464.77	6464.77	No	No
310	0.26249	Le	2.24	1.061E-03	-7240.38	7240.38	No	No
310	0.26249	Le	2.24	1.836E-03	-7354.56	7354.56	No	No
310	0.26249	Le	3.15	1.293E-03	-7675.83	7675.83	No	No
310	0.52498	Le	-6.266E-02	2.577E-04	-6384.04	6384.04	No	No
310	0.52498	Le	-3.28	2.164E-03	-4957.74	4957.74	Yes	No
310	0.52498	Le	-2.3	1.499E-03	-5313.75	5313.76	No	No
310	0.52498	Le	-2.3	2.536E-03	-5437.24	5437.24	No	No
310	0.52498	Le	0.	5.927E-04	-6296.72	6296.72	No	Yes
310	0.52498	Le	0.	3.121E-03	-6471.35	6471.35	No	No
310	0.52498	Le	2.24	1.048E-03	-7330.84	7330.84	No	No
310	0.52498	Le	2.24	1.811E-03	-7454.32	7454.32	No	No
310	0.52498	Le	3.15	1.271E-03	-7810.33	7810.33	No	No
311	0.	DEAD	5.09	8960.51	-4.541E-02	8960.54	No	No
311	0.	DEAD	13.61	11615.02	-1.595E-02	11615.02	Yes	Yes
311	0.	DEAD	8.57	11319.94	-2.849E-02	11319.95	No	No
311	0.	DEAD	8.57	10355.11	-8.439E-03	10355.12	No	No
311	0.	DEAD	0.	9642.77	-8.153E-02	9642.81	No	No
311	0.	DEAD	0.	8278.26	-1.462E-02	8278.27	No	No
311	0.	DEAD	-3.48	7565.87	-3.453E-02	7565.88	No	No
311	0.	DEAD	-3.48	6601.03	-3.948E-03	6601.03	No	No
311	0.	DEAD	-3.43	6305.94	-1.865E-03	6305.94	No	No
311	0.26249	DEAD	5.09	8973.56	-3.000E-03	8973.56	No	No
311	0.26249	DEAD	13.61	12600.03	-1.470E-02	12600.04	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
311	0.26249	DEAD	8.57	11642.38	-8.925E-03	11642.38	No	No
311	0.26249	DEAD	8.57	11433.34	-1.015E-02	11433.35	No	No
311	0.26249	DEAD	0.	9121.37	-6.188E-03	9121.37	No	No
311	0.26249	DEAD	0.	8825.75	-1.028E-02	8825.76	No	Yes
311	0.26249	DEAD	-3.48	6513.78	-6.538E-03	6513.78	No	No
311	0.26249	DEAD	-3.48	6304.74	-8.677E-03	6304.75	No	No
311	0.26249	DEAD	-3.43	5347.09	-2.199E-03	5347.09	No	No
311	0.52498	DEAD	5.09	8986.69	-5.447E-02	8986.72	No	No
311	0.52498	DEAD	13.61	11429.91	-1.620E-02	11429.92	Yes	No
311	0.52498	DEAD	8.57	10440.93	-9.186E-03	10440.93	No	No
311	0.52498	DEAD	8.57	10987.68	-3.234E-02	10987.7	No	No
311	0.52498	DEAD	0.	8600.06	-1.969E-02	8600.07	No	No
311	0.52498	DEAD	0.	9373.33	-9.635E-02	9373.38	No	Yes
311	0.52498	DEAD	-3.48	6985.63	-4.952E-03	6985.63	No	No
311	0.52498	DEAD	-3.48	7532.4	-3.903E-02	7532.42	No	No
311	0.52498	DEAD	-3.43	6543.38	-1.797E-03	6543.38	No	No
311	0.	Lr	5.03	8877.04	-2.958E-03	8877.04	No	No
311	0.	Lr	13.15	12211.15	-1.417E-02	12211.16	Yes	No
311	0.	Lr	8.26	11711.05	-8.181E-03	11711.05	No	No
311	0.	Lr	8.26	10758.18	-9.957E-03	10758.18	No	No
311	0.	Lr	0.	9550.82	-5.339E-03	9550.83	No	No
311	0.	Lr	0.	8203.27	-1.011E-02	8203.27	No	Yes
311	0.	Lr	-3.23	6995.91	-5.436E-03	6995.92	No	No
311	0.	Lr	-3.23	6043.05	-8.165E-03	6043.05	No	No
311	0.	Lr	-3.1	5542.94	-1.729E-03	5542.94	No	No
311	0.26249	Lr	5.03	8877.04	-2.958E-03	8877.04	No	No
311	0.26249	Lr	13.15	12107.82	-1.429E-02	12107.83	Yes	No
311	0.26249	Lr	8.26	11264.64	-8.506E-03	11264.64	No	No
311	0.26249	Lr	8.26	11058.45	-9.687E-03	11058.46	No	No
311	0.26249	Lr	0.	9022.84	-5.651E-03	9022.84	No	No
311	0.26249	Lr	0.	8731.25	-9.503E-03	8731.26	No	Yes
311	0.26249	Lr	-3.23	6695.64	-5.680E-03	6695.64	No	No
311	0.26249	Lr	-3.23	6489.45	-7.603E-03	6489.46	No	No
311	0.26249	Lr	-3.1	5646.27	-1.698E-03	5646.27	No	No
311	0.52498	Lr	5.03	8877.04	-2.958E-03	8877.04	No	No
311	0.52498	Lr	13.15	12004.49	-1.441E-02	12004.5	Yes	No
311	0.52498	Lr	8.26	10818.23	-8.857E-03	10818.24	No	No
311	0.52498	Lr	8.26	11358.73	-9.431E-03	11358.73	No	No
311	0.52498	Lr	0.	8494.86	-6.002E-03	8494.86	No	No
311	0.52498	Lr	0.	9259.23	-8.961E-03	9259.24	No	Yes
311	0.52498	Lr	-3.23	6395.36	-5.947E-03	6395.37	No	No
311	0.52498	Lr	-3.23	6935.86	-7.114E-03	6935.86	No	No
311	0.52498	Lr	-3.1	5749.6	-1.667E-03	5749.6	No	No
311	0.	Le	2.25	3977.38	-1.325E-03	3977.38	No	No
311	0.	Le	5.89	5471.23	-6.348E-03	5471.23	Yes	No
311	0.	Le	3.7	5247.16	-3.666E-03	5247.16	No	No
311	0.	Le	3.7	4820.22	-4.461E-03	4820.22	No	No
311	0.	Le	0.	4279.27	-2.392E-03	4279.27	No	No
311	0.	Le	0.	3675.49	-4.532E-03	3675.49	No	Yes
311	0.	Le	-1.45	3134.53	-2.436E-03	3134.53	No	No
311	0.	Le	-1.45	2707.6	-3.658E-03	2707.6	No	No
311	0.	Le	-1.39	2483.53	-7.749E-04	2483.53	No	No
311	0.26249	Le	2.25	3977.38	-1.325E-03	3977.38	No	No
311	0.26249	Le	5.89	5424.93	-6.402E-03	5424.94	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
311	0.26249	Le	3.7	5047.14	-3.811E-03	5047.15	No	No
311	0.26249	Le	3.7	4954.76	-4.340E-03	4954.76	No	No
311	0.26249	Le	0.	4042.7	-2.532E-03	4042.7	No	No
311	0.26249	Le	0.	3912.05	-4.258E-03	3912.06	No	Yes
311	0.26249	Le	-1.45	2999.99	-2.545E-03	3000.	No	No
311	0.26249	Le	-1.45	2907.61	-3.407E-03	2907.61	No	No
311	0.26249	Le	-1.39	2529.82	-7.607E-04	2529.82	No	No
311	0.52498	Le	2.25	3977.38	-1.325E-03	3977.38	No	No
311	0.52498	Le	5.89	5378.64	-6.457E-03	5378.64	Yes	No
311	0.52498	Le	3.7	4847.13	-3.968E-03	4847.13	No	No
311	0.52498	Le	3.7	5089.3	-4.225E-03	5089.3	No	No
311	0.52498	Le	0.	3806.14	-2.689E-03	3806.14	No	No
311	0.52498	Le	0.	4148.62	-4.015E-03	4148.62	No	Yes
311	0.52498	Le	-1.45	2865.46	-2.664E-03	2865.46	No	No
311	0.52498	Le	-1.45	3107.63	-3.187E-03	3107.63	No	No
311	0.52498	Le	-1.39	2576.12	-7.470E-04	2576.12	No	No
312	0.	DEAD	-0.47	0.12	-3635.99	3636.05	No	No
312	0.	DEAD	-12.36	0.16	-962.65	962.73	Yes	Yes
312	0.	DEAD	-8.64	4.348E-02	-1823.52	1823.54	No	No
312	0.	DEAD	-8.64	0.26	-1667.8	1667.93	No	No
312	0.	DEAD	0.	2.255E-02	-3746.15	3746.16	No	No
312	0.	DEAD	0.	0.31	-3525.91	3526.06	No	No
312	0.	DEAD	8.17	1.273E-02	-5604.2	5604.21	No	No
312	0.	DEAD	8.17	7.816E-02	-5448.33	5448.37	No	No
312	0.	DEAD	11.42	2.066E-02	-6309.25	6309.26	No	No
312	0.26249	DEAD	-0.47	1.473E-04	-3622.78	3622.78	No	No
312	0.26249	DEAD	-12.36	187.43	-0.82	187.84	Yes	No
312	0.26249	DEAD	-8.64	0.14	-972.12	972.19	No	No
312	0.26249	DEAD	-8.64	0.17	-886.45	886.54	No	No
312	0.26249	DEAD	0.	3.488E-02	-3683.41	3683.42	No	Yes
312	0.26249	DEAD	0.	4.350E-02	-3562.23	3562.25	No	No
312	0.26249	DEAD	8.17	2.089E-02	-6359.29	6359.3	No	No
312	0.26249	DEAD	8.17	2.267E-02	-6273.6	6273.61	No	No
312	0.26249	DEAD	11.42	1.754E-02	-7432.19	7432.2	No	No
312	0.52498	DEAD	-0.47	0.11	-3609.8	3609.86	No	No
312	0.52498	DEAD	-12.36	0.19	-819.6	819.7	Yes	No
312	0.52498	DEAD	-8.64	0.25	-1644.64	1644.77	No	No
312	0.52498	DEAD	-8.64	4.740E-02	-1629.	1629.02	No	No
312	0.52498	DEAD	0.	0.28	-3620.89	3621.03	No	Yes
312	0.52498	DEAD	0.	1.813E-02	-3598.79	3598.8	No	No
312	0.52498	DEAD	8.17	7.246E-02	-5590.51	5590.55	No	No
312	0.52498	DEAD	8.17	1.242E-02	-5575.	5575.01	No	No
312	0.52498	DEAD	11.42	2.037E-02	-6399.99	6400.	No	No
312	0.	Lr	-0.51	1.526E-04	-3573.97	3573.97	No	No
312	0.	Lr	-12.47	0.71	-219.14	219.5	Yes	No
312	0.	Lr	-8.71	0.11	-1282.57	1282.63	No	No
312	0.	Lr	-8.71	0.14	-1120.17	1120.23	No	No
312	0.	Lr	0.	3.540E-02	-3688.86	3688.87	No	Yes
312	0.	Lr	0.	4.514E-02	-3459.15	3459.18	No	No
312	0.	Lr	8.2	2.229E-02	-6027.92	6027.93	No	No
312	0.	Lr	8.2	2.445E-02	-5865.49	5865.51	No	No
312	0.	Lr	11.45	1.893E-02	-6929.52	6929.53	No	No
312	0.26249	Lr	-0.51	1.526E-04	-3573.97	3573.97	No	No
312	0.26249	Lr	-12.47	0.95	-163.27	163.75	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
312	0.26249	Lr	-8.71	0.12	-1205.07	1205.13	No	No
312	0.26249	Lr	-8.71	0.14	-1118.32	1118.39	No	No
312	0.26249	Lr	0.	3.592E-02	-3635.35	3635.37	No	Yes
312	0.26249	Lr	0.	4.445E-02	-3512.66	3512.68	No	No
312	0.26249	Lr	8.2	2.229E-02	-6029.77	6029.78	No	No
312	0.26249	Lr	8.2	2.413E-02	-5943.	5943.02	No	No
312	0.26249	Lr	11.45	1.877E-02	-6985.63	6985.64	No	No
312	0.52498	Lr	-0.51	1.526E-04	-3573.97	3573.97	No	No
312	0.52498	Lr	-12.47	1.44	-107.65	108.38	Yes	No
312	0.52498	Lr	-8.71	0.13	-1127.57	1127.63	No	No
312	0.52498	Lr	-8.71	0.14	-1116.48	1116.54	No	No
312	0.52498	Lr	0.	3.645E-02	-3581.85	3581.87	No	Yes
312	0.52498	Lr	0.	4.379E-02	-3566.16	3566.18	No	No
312	0.52498	Lr	8.2	2.228E-02	-6031.61	6031.62	No	No
312	0.52498	Lr	8.2	2.382E-02	-6020.52	6020.53	No	No
312	0.52498	Lr	11.45	1.862E-02	-7041.74	7041.75	No	No
312	0.	Le	-0.23	6.836E-05	-1601.32	1601.32	No	No
312	0.	Le	-5.59	0.32	-98.19	98.35	Yes	No
312	0.	Le	-3.9	4.996E-02	-574.66	574.68	No	No
312	0.	Le	-3.9	6.081E-02	-501.89	501.92	No	No
312	0.	Le	0.	1.586E-02	-1652.8	1652.81	No	Yes
312	0.	Le	0.	2.022E-02	-1549.88	1549.89	No	No
312	0.	Le	3.68	9.988E-03	-2700.82	2700.83	No	No
312	0.	Le	3.68	1.096E-02	-2628.05	2628.05	No	No
312	0.	Le	5.13	8.480E-03	-3104.78	3104.79	No	No
312	0.26249	Le	-0.23	6.836E-05	-1601.32	1601.32	No	No
312	0.26249	Le	-5.59	0.43	-73.15	73.37	Yes	No
312	0.26249	Le	-3.9	5.317E-02	-539.93	539.96	No	No
312	0.26249	Le	-3.9	6.091E-02	-501.07	501.1	No	No
312	0.26249	Le	0.	1.609E-02	-1628.83	1628.84	No	Yes
312	0.26249	Le	0.	1.992E-02	-1573.85	1573.86	No	No
312	0.26249	Le	3.68	9.985E-03	-2701.65	2701.65	No	No
312	0.26249	Le	3.68	1.081E-02	-2662.77	2662.78	No	No
312	0.26249	Le	5.13	8.411E-03	-3129.93	3129.93	No	No
312	0.52498	Le	-0.23	6.836E-05	-1601.32	1601.32	No	No
312	0.52498	Le	-5.59	0.65	-48.23	48.56	Yes	No
312	0.52498	Le	-3.9	5.682E-02	-505.21	505.24	No	No
312	0.52498	Le	-3.9	6.102E-02	-500.24	500.27	No	No
312	0.52498	Le	0.	1.633E-02	-1604.85	1604.86	No	Yes
312	0.52498	Le	0.	1.962E-02	-1597.83	1597.84	No	No
312	0.52498	Le	3.68	9.982E-03	-2702.48	2702.48	No	No
312	0.52498	Le	3.68	1.067E-02	-2697.5	2697.51	No	No
312	0.52498	Le	5.13	8.344E-03	-3155.07	3155.07	No	No
343	0.	DEAD					No	
343	0.	DEAD					No	
343	0.	DEAD					Yes	
343	0.	DEAD					No	
343	0.17	DEAD					No	
343	0.17	DEAD					No	
343	0.17	DEAD					No	
343	0.17	DEAD					Yes	
343	0.34	DEAD					No	
343	0.34	DEAD					No	
343	0.34	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
343	0.34	DEAD					Yes	
343	0.	Lr					No	
343	0.	Lr					No	
343	0.	Lr					Yes	
343	0.	Lr					No	
343	0.17	Lr					No	
343	0.17	Lr					No	
343	0.17	Lr					No	
343	0.17	Lr					Yes	
343	0.34	Lr					No	
343	0.34	Lr					No	
343	0.34	Lr					No	
343	0.34	Lr					Yes	
343	0.	Le					No	
343	0.	Le					No	
343	0.	Le					Yes	
343	0.	Le					No	
343	0.17	Le					No	
343	0.17	Le					No	
343	0.17	Le					No	
343	0.17	Le					Yes	
343	0.34	Le					No	
343	0.34	Le					No	
343	0.34	Le					No	
343	0.34	Le					Yes	
344	0.	DEAD					No	
344	0.	DEAD					No	
344	0.	DEAD					Yes	
344	0.	DEAD					No	
344	0.17	DEAD					No	
344	0.17	DEAD					No	
344	0.17	DEAD					No	
344	0.17	DEAD					Yes	
344	0.34	DEAD					No	
344	0.34	DEAD					No	
344	0.34	DEAD					No	
344	0.34	DEAD					Yes	
344	0.	Lr					No	
344	0.	Lr					No	
344	0.	Lr					Yes	
344	0.	Lr					No	
344	0.17	Lr					No	
344	0.17	Lr					No	
344	0.17	Lr					No	
344	0.17	Lr					Yes	
344	0.34	Lr					No	
344	0.34	Lr					No	
344	0.34	Lr					No	
344	0.34	Lr					Yes	
344	0.	Le					No	
344	0.	Le					No	
344	0.	Le					Yes	
344	0.	Le					No	
344	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
344	0.17	Le					No	
344	0.17	Le					No	
344	0.17	Le					Yes	
344	0.34	Le					No	
344	0.34	Le					No	
344	0.34	Le					No	
344	0.34	Le					Yes	
345	0.	DEAD					No	
345	0.	DEAD					No	
345	0.	DEAD					Yes	
345	0.	DEAD					No	
345	0.17	DEAD					No	
345	0.17	DEAD					No	
345	0.17	DEAD					No	
345	0.17	DEAD					Yes	
345	0.34	DEAD					No	
345	0.34	DEAD					No	
345	0.34	DEAD					No	
345	0.34	DEAD					Yes	
345	0.	Lr					No	
345	0.	Lr					No	
345	0.	Lr					Yes	
345	0.	Lr					No	
345	0.17	Lr					No	
345	0.17	Lr					No	
345	0.17	Lr					No	
345	0.17	Lr					Yes	
345	0.34	Lr					No	
345	0.34	Lr					No	
345	0.34	Lr					No	
345	0.34	Lr					Yes	
345	0.	Le					No	
345	0.	Le					No	
345	0.	Le					Yes	
345	0.	Le					No	
345	0.17	Le					No	
345	0.17	Le					No	
345	0.17	Le					No	
345	0.17	Le					Yes	
345	0.34	Le					No	
345	0.34	Le					No	
345	0.34	Le					No	
345	0.34	Le					Yes	
346	0.	DEAD					No	
346	0.	DEAD					No	
346	0.	DEAD					Yes	
346	0.	DEAD					No	
346	0.17	DEAD					No	
346	0.17	DEAD					No	
346	0.17	DEAD					No	
346	0.17	DEAD					Yes	
346	0.34	DEAD					No	
346	0.34	DEAD					No	
346	0.34	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
346	0.34	DEAD					Yes	
346	0.	Lr					No	
346	0.	Lr					No	
346	0.	Lr					Yes	
346	0.	Lr					No	
346	0.17	Lr					No	
346	0.17	Lr					No	
346	0.17	Lr					No	
346	0.17	Lr					Yes	
346	0.34	Lr					No	
346	0.34	Lr					No	
346	0.34	Lr					No	
346	0.34	Lr					Yes	
346	0.	Le					No	
346	0.	Le					No	
346	0.	Le					Yes	
346	0.	Le					No	
346	0.17	Le					No	
346	0.17	Le					No	
346	0.17	Le					No	
346	0.17	Le					Yes	
346	0.34	Le					No	
346	0.34	Le					No	
346	0.34	Le					No	
346	0.34	Le					Yes	
347	0.	DEAD					No	
347	0.	DEAD					No	
347	0.	DEAD					Yes	
347	0.	DEAD					No	
347	0.17	DEAD					No	
347	0.17	DEAD					Yes	
347	0.17	DEAD					No	
347	0.17	DEAD					No	
347	0.34	DEAD					No	
347	0.34	DEAD					No	
347	0.34	DEAD					No	
347	0.34	DEAD					Yes	
347	0.	Lr					No	
347	0.	Lr					No	
347	0.	Lr					Yes	
347	0.	Lr					No	
347	0.17	Lr					No	
347	0.17	Lr					Yes	
347	0.17	Lr					No	
347	0.17	Lr					No	
347	0.34	Lr					No	
347	0.34	Lr					No	
347	0.34	Lr					No	
347	0.34	Lr					Yes	
347	0.	Le					No	
347	0.	Le					No	
347	0.	Le					Yes	
347	0.	Le					No	
347	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
347	0.17	Le					Yes	
347	0.17	Le					No	
347	0.17	Le					No	
347	0.34	Le					No	
347	0.34	Le					No	
347	0.34	Le					No	
347	0.34	Le					Yes	
348	0.	DEAD					No	
348	0.	DEAD					No	
348	0.	DEAD					Yes	
348	0.	DEAD					No	
348	0.17	DEAD					No	
348	0.17	DEAD					No	
348	0.17	DEAD					No	
348	0.17	DEAD					Yes	
348	0.34	DEAD					No	
348	0.34	DEAD					No	
348	0.34	DEAD					No	
348	0.34	DEAD					Yes	
348	0.	Lr					No	
348	0.	Lr					No	
348	0.	Lr					Yes	
348	0.	Lr					No	
348	0.17	Lr					No	
348	0.17	Lr					No	
348	0.17	Lr					No	
348	0.17	Lr					Yes	
348	0.34	Lr					No	
348	0.34	Lr					No	
348	0.34	Lr					No	
348	0.34	Lr					Yes	
348	0.	Le					No	
348	0.	Le					No	
348	0.	Le					Yes	
348	0.	Le					No	
348	0.17	Le					No	
348	0.17	Le					No	
348	0.17	Le					No	
348	0.17	Le					Yes	
348	0.34	Le					No	
348	0.34	Le					No	
348	0.34	Le					No	
348	0.34	Le					Yes	
349	0.	DEAD	-1.36	0.24	-1816.55	1816.68	No	No
349	0.	DEAD	33.57	888.12	-1.27	888.76	Yes	No
349	0.	DEAD	24.02	82.79	-21.93	95.66	No	No
349	0.	DEAD	24.02	135.13	-5.76	138.1	No	Yes
349	0.	DEAD	0.	1.68	-1866.42	1867.26	No	No
349	0.	DEAD	0.	0.11	-1767.98	1768.04	No	No
349	0.	DEAD	-25.38	0.5	-3762.49	3762.74	No	No
349	0.	DEAD	-25.38	0.23	-3693.72	3693.83	No	No
349	0.	DEAD	-36.28	0.29	-4519.77	4519.91	No	No
349	0.26249	DEAD	-1.36	1.141E-03	-1803.23	1803.23	No	No
349	0.26249	DEAD	33.57	2026.97	-0.56	2027.25	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
349	0.26249	DEAD	24.02	972.44	-1.23	973.05	No	No
349	0.26249	DEAD	24.02	839.67	-1.4	840.37	No	No
349	0.26249	DEAD	0.	0.73	-1709.96	1710.33	No	No
349	0.26249	DEAD	0.	0.63	-1897.85	1898.16	No	Yes
349	0.26249	DEAD	-25.38	0.28	-4445.01	4445.15	No	No
349	0.26249	DEAD	-25.38	0.27	-4577.93	4578.06	No	No
349	0.26249	DEAD	-36.28	0.23	-5633.1	5633.21	No	No
349	0.52498	DEAD	-1.36	0.23	-1790.37	1790.48	No	No
349	0.52498	DEAD	33.57	1011.94	-1.11	1012.5	Yes	No
349	0.52498	DEAD	24.02	359.83	-2.2	360.93	No	No
349	0.52498	DEAD	24.02	55.43	-32.17	76.74	No	No
349	0.52498	DEAD	0.	0.14	-1553.85	1553.92	No	No
349	0.52498	DEAD	0.	1.49	-2028.07	2028.81	No	Yes
349	0.52498	DEAD	-25.38	0.24	-3603.78	3603.89	No	No
349	0.52498	DEAD	-25.38	0.47	-3938.38	3938.61	No	No
349	0.52498	DEAD	-36.28	0.29	-4591.39	4591.54	No	No
349	0.	Lr	-1.3	1.050E-03	-1790.66	1790.66	No	No
349	0.	Lr	33.95	1596.49	-0.72	1596.85	Yes	No
349	0.	Lr	24.28	576.09	-2.12	577.15	No	No
349	0.	Lr	24.28	635.74	-1.89	636.68	No	No
349	0.	Lr	0.	0.69	-1833.69	1834.04	No	No
349	0.	Lr	0.	0.69	-1749.01	1749.35	No	Yes
349	0.	Lr	-25.58	0.31	-4215.46	4215.62	No	No
349	0.	Lr	-25.58	0.3	-4155.58	4155.74	No	No
349	0.	Lr	-36.55	0.26	-5177.34	5177.47	No	No
349	0.26249	Lr	-1.3	1.050E-03	-1790.66	1790.66	No	No
349	0.26249	Lr	33.95	1642.38	-0.7	1642.73	Yes	No
349	0.26249	Lr	24.28	704.67	-1.73	705.54	No	No
349	0.26249	Lr	24.28	571.9	-2.1	572.96	No	No
349	0.26249	Lr	0.	0.75	-1697.27	1697.64	No	No
349	0.26249	Lr	0.	0.64	-1885.44	1885.76	No	Yes
349	0.26249	Lr	-25.58	0.31	-4151.43	4151.58	No	No
349	0.26249	Lr	-25.58	0.3	-4284.54	4284.69	No	No
349	0.26249	Lr	-36.55	0.26	-5223.24	5223.37	No	No
349	0.52498	Lr	-1.3	1.050E-03	-1790.66	1790.66	No	No
349	0.52498	Lr	33.95	1688.27	-0.68	1688.61	Yes	No
349	0.52498	Lr	24.28	833.37	-1.47	834.1	No	No
349	0.52498	Lr	24.28	508.12	-2.36	509.31	No	No
349	0.52498	Lr	0.	0.82	-1560.86	1561.26	No	No
349	0.52498	Lr	0.	0.6	-2021.87	2022.17	No	Yes
349	0.52498	Lr	-25.58	0.31	-4087.39	4087.55	No	No
349	0.52498	Lr	-25.58	0.29	-4413.5	4413.64	No	No
349	0.52498	Lr	-36.55	0.25	-5269.15	5269.28	No	No
349	0.	Le	-0.58	4.706E-04	-802.31	802.31	No	No
349	0.	Le	15.21	715.31	-0.32	715.47	Yes	No
349	0.	Le	10.88	258.12	-0.95	258.59	No	No
349	0.	Le	10.88	284.84	-0.85	285.27	No	No
349	0.	Le	0.	0.31	-821.59	821.74	No	No
349	0.	Le	0.	0.31	-783.65	783.8	No	Yes
349	0.	Le	-11.46	0.14	-1888.75	1888.82	No	No
349	0.	Le	-11.46	0.14	-1861.92	1861.99	No	No
349	0.	Le	-16.38	0.12	-2319.72	2319.77	No	No
349	0.26249	Le	-0.58	4.706E-04	-802.31	802.31	No	No
349	0.26249	Le	15.21	735.87	-0.31	736.03	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
349	0.26249	Le	10.88	315.73	-0.78	316.12	No	No
349	0.26249	Le	10.88	256.24	-0.94	256.71	No	No
349	0.26249	Le	0.	0.34	-760.46	760.63	No	No
349	0.26249	Le	0.	0.29	-844.77	844.92	No	Yes
349	0.26249	Le	-11.46	0.14	-1860.05	1860.12	No	No
349	0.26249	Le	-11.46	0.13	-1919.7	1919.76	No	No
349	0.26249	Le	-16.38	0.11	-2340.28	2340.34	No	No
349	0.52498	Le	-0.58	4.706E-04	-802.31	802.31	No	No
349	0.52498	Le	15.21	756.43	-0.31	756.59	Yes	No
349	0.52498	Le	10.88	373.39	-0.66	373.72	No	No
349	0.52498	Le	10.88	227.67	-1.06	228.2	No	No
349	0.52498	Le	0.	0.37	-699.34	699.53	No	No
349	0.52498	Le	0.	0.27	-905.9	906.04	No	Yes
349	0.52498	Le	-11.46	0.14	-1831.36	1831.43	No	No
349	0.52498	Le	-11.46	0.13	-1977.48	1977.54	No	No
349	0.52498	Le	-16.38	0.11	-2360.85	2360.91	No	No
34A	0.	DEAD	0.62	7175.5	-5.384E-02	7175.53	No	No
34A	0.	DEAD	-17.42	9900.88	-3.065E-02	9900.9	Yes	No
34A	0.	DEAD	-12.45	9116.86	-1.793E-02	9116.87	No	Yes
34A	0.	DEAD	-12.45	9088.43	-7.313E-02	9088.46	No	No
34A	0.	DEAD	0.	7195.59	-3.595E-04	7195.59	No	No
34A	0.	DEAD	0.	7155.5	-0.2	7155.6	No	No
34A	0.	DEAD	13.06	5262.57	-3.406E-02	5262.59	No	No
34A	0.	DEAD	13.06	5234.18	-0.13	5234.24	No	No
34A	0.	DEAD	18.66	4450.12	-7.822E-02	4450.16	No	No
34A	0.26249	DEAD	0.62	7188.53	-1.609E-04	7188.53	No	No
34A	0.26249	DEAD	-17.42	10899.16	-2.784E-02	10899.17	Yes	No
34A	0.26249	DEAD	-12.45	9780.68	-3.364E-02	9780.7	No	No
34A	0.26249	DEAD	-12.45	9844.03	-3.114E-02	9844.05	No	No
34A	0.26249	DEAD	0.	7143.78	-5.010E-02	7143.81	No	Yes
34A	0.26249	DEAD	0.	7233.37	-4.070E-02	7233.39	No	No
34A	0.26249	DEAD	13.06	4533.14	-7.606E-02	4533.18	No	No
34A	0.26249	DEAD	13.06	4596.49	-7.012E-02	4596.52	No	No
34A	0.26249	DEAD	18.66	3478.03	-0.1	3478.08	No	No
34A	0.52498	DEAD	0.62	7201.68	-6.368E-02	7201.71	No	No
34A	0.52498	DEAD	-17.42	9742.3	-3.115E-02	9742.32	Yes	No
34A	0.52498	DEAD	-12.45	8920.61	-7.905E-02	8920.65	No	No
34A	0.52498	DEAD	-12.45	9075.75	-1.753E-02	9075.76	No	No
34A	0.52498	DEAD	0.	7092.09	-0.22	7092.2	No	Yes
34A	0.52498	DEAD	0.	7311.36	-1.551E-03	7311.36	No	No
34A	0.52498	DEAD	13.06	5327.64	-0.14	5327.71	No	No
34A	0.52498	DEAD	13.06	5482.74	-3.190E-02	5482.75	No	No
34A	0.52498	DEAD	18.66	4661.04	-7.468E-02	4661.08	No	No
34A	0.	Lr	0.65	7113.12	-1.601E-04	7113.12	No	No
34A	0.	Lr	-16.69	10514.24	-2.650E-02	10514.25	Yes	No
34A	0.	Lr	-11.94	9536.42	-3.182E-02	9536.43	No	No
34A	0.	Lr	-11.94	9499.76	-2.975E-02	9499.77	No	No
34A	0.	Lr	0.	7139.09	-4.634E-02	7139.11	No	Yes
34A	0.	Lr	0.	7087.24	-3.838E-02	7087.26	No	No
34A	0.	Lr	12.58	4726.59	-6.755E-02	4726.62	No	No
34A	0.	Lr	12.58	4689.93	-6.365E-02	4689.96	No	No
34A	0.	Lr	17.99	3712.12	-8.716E-02	3712.17	No	No
34A	0.26249	Lr	0.65	7113.12	-1.601E-04	7113.12	No	No
34A	0.26249	Lr	-16.69	10425.18	-2.673E-02	10425.19	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
34A	0.26249	Lr	-11.94	9425.38	-3.219E-02	9425.4	No	No
34A	0.26249	Lr	-11.94	9484.84	-2.980E-02	9484.86	No	No
34A	0.26249	Lr	0.	7071.12	-4.678E-02	7071.15	No	Yes
34A	0.26249	Lr	0.	7155.21	-3.801E-02	7155.23	No	No
34A	0.26249	Lr	12.58	4741.5	-6.734E-02	4741.54	No	No
34A	0.26249	Lr	12.58	4800.96	-6.217E-02	4800.99	No	No
34A	0.26249	Lr	17.99	3801.18	-8.512E-02	3801.22	No	No
34A	0.52498	Lr	0.65	7113.12	-1.601E-04	7113.12	No	No
34A	0.52498	Lr	-16.69	10336.12	-2.696E-02	10336.13	Yes	No
34A	0.52498	Lr	-11.94	9314.35	-3.258E-02	9314.36	No	No
34A	0.52498	Lr	-11.94	9469.93	-2.984E-02	9469.94	No	No
34A	0.52498	Lr	0.	7003.16	-4.724E-02	7003.18	No	Yes
34A	0.52498	Lr	0.	7223.17	-3.765E-02	7223.19	No	No
34A	0.52498	Lr	12.58	4756.42	-6.713E-02	4756.45	No	No
34A	0.52498	Lr	12.58	4911.99	-6.077E-02	4912.02	No	No
34A	0.52498	Lr	17.99	3890.24	-8.317E-02	3890.28	No	No
34A	0.	Le	0.29	3187.05	-7.171E-05	3187.05	No	No
34A	0.	Le	-7.48	4710.92	-1.187E-02	4710.93	Yes	No
34A	0.	Le	-5.35	4272.81	-1.426E-02	4272.82	No	No
34A	0.	Le	-5.35	4256.38	-1.333E-02	4256.39	No	No
34A	0.	Le	0.	3198.68	-2.076E-02	3198.69	No	Yes
34A	0.	Le	0.	3175.45	-1.719E-02	3175.46	No	No
34A	0.	Le	5.64	2117.76	-3.027E-02	2117.77	No	No
34A	0.	Le	5.64	2101.33	-2.852E-02	2101.34	No	No
34A	0.	Le	8.06	1663.22	-3.905E-02	1663.24	No	No
34A	0.26249	Le	0.29	3187.05	-7.171E-05	3187.05	No	No
34A	0.26249	Le	-7.48	4671.02	-1.198E-02	4671.03	Yes	No
34A	0.26249	Le	-5.35	4223.06	-1.442E-02	4223.07	No	No
34A	0.26249	Le	-5.35	4249.7	-1.335E-02	4249.71	No	No
34A	0.26249	Le	0.	3168.23	-2.096E-02	3168.24	No	Yes
34A	0.26249	Le	0.	3205.9	-1.703E-02	3205.91	No	No
34A	0.26249	Le	5.64	2124.44	-3.017E-02	2124.45	No	No
34A	0.26249	Le	5.64	2151.08	-2.786E-02	2151.09	No	No
34A	0.26249	Le	8.06	1703.13	-3.814E-02	1703.15	No	No
34A	0.52498	Le	0.29	3187.05	-7.171E-05	3187.05	No	No
34A	0.52498	Le	-7.48	4631.12	-1.208E-02	4631.12	Yes	No
34A	0.52498	Le	-5.35	4173.31	-1.460E-02	4173.32	No	No
34A	0.52498	Le	-5.35	4243.02	-1.337E-02	4243.03	No	No
34A	0.52498	Le	0.	3137.78	-2.116E-02	3137.79	No	Yes
34A	0.52498	Le	0.	3236.36	-1.687E-02	3236.36	No	No
34A	0.52498	Le	5.64	2131.12	-3.008E-02	2131.14	No	No
34A	0.52498	Le	5.64	2200.83	-2.723E-02	2200.84	No	No
34A	0.52498	Le	8.06	1743.03	-3.726E-02	1743.05	No	No
34B	0.	DEAD	-8.54	4.703E-02	-12613.38	12613.4	No	No
34B	0.	DEAD	14.43	1.980E-02	-10520.53	10520.54	No	No
34B	0.	DEAD	11.97	7.713E-02	-11770.1	11770.14	No	No
34B	0.	DEAD	11.97	1.589E-02	-10496.95	10496.96	Yes	Yes
34B	0.	DEAD	0.	0.16	-13513.7	13513.77	No	No
34B	0.	DEAD	0.	2.256E-06	-11713.12	11713.12	No	No
34B	0.	DEAD	-20.51	8.046E-02	-14729.8	14729.85	No	No
34B	0.	DEAD	-20.51	3.301E-02	-13456.66	13456.68	No	No
34B	0.	DEAD	-31.51	6.752E-02	-14706.22	14706.25	No	No
34B	0.26249	DEAD	-8.54	6.201E-03	-12600.25	12600.25	No	No
34B	0.26249	DEAD	14.43	2.266E-02	-9190.17	9190.18	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
34B	0.26249	DEAD	11.97	4.372E-02	-10191.54	10191.56	No	No
34B	0.26249	DEAD	11.97	3.646E-02	-10186.43	10186.45	No	No
34B	0.26249	DEAD	0.	5.060E-02	-12603.9	12603.93	No	No
34B	0.26249	DEAD	0.	3.398E-02	-12596.67	12596.69	No	Yes
34B	0.26249	DEAD	-20.51	4.816E-02	-15014.14	15014.17	No	No
34B	0.26249	DEAD	-20.51	4.323E-02	-15009.03	15009.06	No	No
34B	0.26249	DEAD	-31.51	6.202E-02	-16010.4	16010.43	No	No
34B	0.52498	DEAD	-8.54	3.223E-02	-12587.19	12587.21	No	No
34B	0.52498	DEAD	14.43	2.080E-02	-10014.96	10014.97	Yes	No
34B	0.52498	DEAD	11.97	1.915E-02	-10136.9	10136.91	No	No
34B	0.52498	DEAD	11.97	6.901E-02	-11399.84	11399.87	No	No
34B	0.52498	DEAD	0.	1.912E-03	-11694.17	11694.17	No	No
34B	0.52498	DEAD	0.	0.13	-13480.28	13480.34	No	Yes
34B	0.52498	DEAD	-20.51	3.423E-02	-13774.58	13774.6	No	No
34B	0.52498	DEAD	-20.51	7.077E-02	-15037.51	15037.54	No	No
34B	0.52498	DEAD	-31.51	6.550E-02	-15159.44	15159.48	No	No
34B	0.	Lr	-8.39	6.052E-03	-12463.71	12463.71	No	No
34B	0.	Lr	15.11	2.358E-02	-9681.47	9681.48	Yes	No
34B	0.	Lr	12.42	4.216E-02	-11120.54	11120.56	No	No
34B	0.	Lr	12.42	3.996E-02	-9872.24	9872.26	No	No
34B	0.	Lr	0.	4.963E-02	-13346.44	13346.46	No	No
34B	0.	Lr	0.	3.904E-02	-11581.06	11581.08	No	Yes
34B	0.	Lr	-20.81	4.967E-02	-15055.26	15055.29	No	No
34B	0.	Lr	-20.81	4.877E-02	-13806.96	13806.98	No	No
34B	0.	Lr	-31.89	6.671E-02	-15246.03	15246.07	No	No
34B	0.26249	Lr	-8.39	6.052E-03	-12463.71	12463.71	No	No
34B	0.26249	Lr	15.11	2.416E-02	-9446.5	9446.51	Yes	No
34B	0.26249	Lr	12.42	4.538E-02	-10331.36	10331.38	No	No
34B	0.26249	Lr	12.42	3.819E-02	-10329.12	10329.14	No	No
34B	0.26249	Lr	0.	5.314E-02	-12465.34	12465.36	No	No
34B	0.26249	Lr	0.	3.628E-02	-12462.16	12462.18	No	Yes
34B	0.26249	Lr	-20.81	5.122E-02	-14598.38	14598.4	No	No
34B	0.26249	Lr	-20.81	4.613E-02	-14596.14	14596.16	No	No
34B	0.26249	Lr	-31.89	6.570E-02	-15481.	15481.03	No	No
34B	0.52498	Lr	-8.39	6.052E-03	-12463.71	12463.71	No	No
34B	0.52498	Lr	15.11	2.478E-02	-9211.53	9211.54	Yes	No
34B	0.52498	Lr	12.42	4.913E-02	-9542.18	9542.2	No	No
34B	0.52498	Lr	12.42	3.657E-02	-10786.01	10786.03	No	No
34B	0.52498	Lr	0.	5.718E-02	-11584.23	11584.26	No	No
34B	0.52498	Lr	0.	3.388E-02	-13343.27	13343.29	No	Yes
34B	0.52498	Lr	-20.81	5.287E-02	-14141.49	14141.51	No	No
34B	0.52498	Lr	-20.81	4.377E-02	-15385.32	15385.34	No	No
34B	0.52498	Lr	-31.89	6.472E-02	-15715.97	15716.	No	No
34B	0.	Le	-3.76	2.712E-03	-5584.39	5584.39	No	No
34B	0.	Le	6.77	1.056E-02	-4337.8	4337.81	Yes	No
34B	0.	Le	5.57	1.889E-02	-4982.58	4982.59	No	No
34B	0.	Le	5.57	1.790E-02	-4423.27	4423.28	No	No
34B	0.	Le	0.	2.224E-02	-5979.9	5979.91	No	No
34B	0.	Le	0.	1.749E-02	-5188.92	5188.92	No	Yes
34B	0.	Le	-9.33	2.225E-02	-6745.54	6745.55	No	No
34B	0.	Le	-9.33	2.185E-02	-6186.23	6186.24	No	No
34B	0.	Le	-14.29	2.989E-02	-6831.01	6831.03	No	No
34B	0.26249	Le	-3.76	2.712E-03	-5584.39	5584.39	No	No
34B	0.26249	Le	6.77	1.083E-02	-4232.52	4232.53	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
34B	0.26249	Le	5.57	2.033E-02	-4628.99	4629.	No	No
34B	0.26249	Le	5.57	1.711E-02	-4627.98	4627.99	No	No
34B	0.26249	Le	0.	2.381E-02	-5585.12	5585.13	No	No
34B	0.26249	Le	0.	1.625E-02	-5583.7	5583.7	No	Yes
34B	0.26249	Le	-9.33	2.295E-02	-6540.83	6540.84	No	No
34B	0.26249	Le	-9.33	2.067E-02	-6539.83	6539.84	No	No
34B	0.26249	Le	-14.29	2.944E-02	-6936.29	6936.31	No	No
34B	0.52498	Le	-3.76	2.712E-03	-5584.39	5584.39	No	No
34B	0.52498	Le	6.77	1.110E-02	-4127.24	4127.25	Yes	No
34B	0.52498	Le	5.57	2.201E-02	-4275.39	4275.4	No	No
34B	0.52498	Le	5.57	1.639E-02	-4832.69	4832.7	No	No
34B	0.52498	Le	0.	2.562E-02	-5190.34	5190.35	No	No
34B	0.52498	Le	0.	1.518E-02	-5978.48	5978.49	No	Yes
34B	0.52498	Le	-9.33	2.369E-02	-6336.12	6336.13	No	No
34B	0.52498	Le	-9.33	1.961E-02	-6893.42	6893.43	No	No
34B	0.52498	Le	-14.29	2.900E-02	-7041.57	7041.58	No	No
34C	0.	DEAD	0.92	17982.86	-1.766E-02	17982.87	No	No
34C	0.	DEAD	-21.67	20212.99	-2.323E-02	20213.	Yes	No
34C	0.	DEAD	-15.51	19538.82	-1.487E-02	19538.83	No	Yes
34C	0.	DEAD	-15.51	19580.8	-4.387E-02	19580.82	No	No
34C	0.	DEAD	0.	17953.18	-1.276E-03	17953.18	No	No
34C	0.	DEAD	0.	18012.59	-9.053E-02	18012.64	No	No
34C	0.	DEAD	16.43	16384.94	-1.952E-02	16384.95	No	No
34C	0.	DEAD	16.43	16426.93	-5.408E-02	16426.96	No	No
34C	0.	DEAD	23.5	15752.74	-3.506E-02	15752.76	No	No
34C	0.26249	DEAD	0.92	17995.93	-4.603E-04	17995.93	No	No
34C	0.26249	DEAD	-21.67	21017.17	-2.234E-02	21017.19	Yes	No
34C	0.26249	DEAD	-15.51	20043.29	-2.699E-02	20043.3	No	No
34C	0.26249	DEAD	-15.51	20221.27	-2.245E-02	20221.28	No	No
34C	0.26249	DEAD	0.	17870.1	-3.586E-02	17870.12	No	Yes
34C	0.26249	DEAD	0.	18121.8	-2.176E-02	18121.81	No	No
34C	0.26249	DEAD	16.43	15770.64	-3.616E-02	15770.66	No	No
34C	0.26249	DEAD	16.43	15948.62	-3.030E-02	15948.63	No	No
34C	0.26249	DEAD	23.5	14974.73	-3.688E-02	14974.75	No	No
34C	0.52498	DEAD	0.92	18009.04	-3.007E-02	18009.06	No	No
34C	0.52498	DEAD	-21.67	19666.22	-2.387E-02	19666.23	Yes	No
34C	0.52498	DEAD	-15.51	19023.86	-5.268E-02	19023.88	No	No
34C	0.52498	DEAD	-15.51	19337.84	-1.342E-02	19337.85	No	No
34C	0.52498	DEAD	0.	17787.08	-0.12	17787.14	No	Yes
34C	0.52498	DEAD	0.	18231.06	-2.464E-05	18231.06	No	No
34C	0.52498	DEAD	16.43	16680.26	-6.184E-02	16680.29	No	No
34C	0.52498	DEAD	16.43	16994.23	-1.699E-02	16994.24	No	No
34C	0.52498	DEAD	23.5	16351.86	-3.377E-02	16351.88	No	No
34C	0.	Lr	0.95	17796.55	-4.532E-04	17796.55	No	No
34C	0.	Lr	-21.19	20707.74	-2.167E-02	20707.76	Yes	No
34C	0.	Lr	-15.18	19839.81	-2.616E-02	19839.82	No	No
34C	0.	Lr	-15.18	19870.36	-2.191E-02	19870.37	No	No
34C	0.	Lr	0.	17774.98	-3.464E-02	17775.	No	Yes
34C	0.	Lr	0.	17818.17	-2.125E-02	17818.18	No	No
34C	0.	Lr	16.13	15722.8	-3.491E-02	15722.81	No	No
34C	0.	Lr	16.13	15753.34	-2.952E-02	15753.35	No	No
34C	0.	Lr	23.09	14885.41	-3.581E-02	14885.43	No	No
34C	0.26249	Lr	0.95	17796.55	-4.532E-04	17796.55	No	No
34C	0.26249	Lr	-21.19	20426.79	-2.197E-02	20426.8	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
34C	0.26249	Lr	-15.18	19570.55	-2.652E-02	19570.56	No	No
34C	0.26249	Lr	-15.18	19742.28	-2.205E-02	19742.3	No	No
34C	0.26249	Lr	0.	17675.14	-3.483E-02	17675.16	No	Yes
34C	0.26249	Lr	0.	17918.01	-2.114E-02	17918.02	No	No
34C	0.26249	Lr	16.13	15850.87	-3.462E-02	15850.88	No	No
34C	0.26249	Lr	16.13	16022.6	-2.902E-02	16022.62	No	No
34C	0.26249	Lr	23.09	15166.36	-3.515E-02	15166.38	No	No
34C	0.52498	Lr	0.95	17796.55	-4.532E-04	17796.55	No	No
34C	0.52498	Lr	-21.19	20145.83	-2.228E-02	20145.84	Yes	No
34C	0.52498	Lr	-15.18	19301.28	-2.689E-02	19301.3	No	No
34C	0.52498	Lr	-15.18	19614.21	-2.219E-02	19614.23	No	No
34C	0.52498	Lr	0.	17575.3	-3.503E-02	17575.32	No	Yes
34C	0.52498	Lr	0.	18017.85	-2.102E-02	18017.86	No	No
34C	0.52498	Lr	16.13	15978.94	-3.435E-02	15978.95	No	No
34C	0.52498	Lr	16.13	16291.87	-2.854E-02	16291.88	No	No
34C	0.52498	Lr	23.09	15447.32	-3.451E-02	15447.34	No	No
34C	0.	Le	0.43	7973.78	-2.030E-04	7973.78	No	No
34C	0.	Le	-9.49	9278.15	-9.711E-03	9278.15	Yes	No
34C	0.	Le	-6.8	8889.27	-1.172E-02	8889.27	No	No
34C	0.	Le	-6.8	8902.95	-9.815E-03	8902.96	No	No
34C	0.	Le	0.	7964.11	-1.552E-02	7964.12	No	Yes
34C	0.	Le	0.	7983.47	-9.523E-03	7983.47	No	No
34C	0.	Le	7.23	7044.63	-1.564E-02	7044.64	No	No
34C	0.	Le	7.23	7058.31	-1.323E-02	7058.32	No	No
34C	0.	Le	10.34	6669.44	-1.604E-02	6669.44	No	No
34C	0.26249	Le	0.43	7973.78	-2.030E-04	7973.78	No	No
34C	0.26249	Le	-9.49	9152.26	-9.845E-03	9152.27	Yes	No
34C	0.26249	Le	-6.8	8768.62	-1.188E-02	8768.63	No	No
34C	0.26249	Le	-6.8	8845.57	-9.879E-03	8845.57	No	No
34C	0.26249	Le	0.	7919.38	-1.561E-02	7919.39	No	Yes
34C	0.26249	Le	0.	8028.2	-9.470E-03	8028.2	No	No
34C	0.26249	Le	7.23	7102.01	-1.551E-02	7102.02	No	No
34C	0.26249	Le	7.23	7178.96	-1.300E-02	7178.96	No	No
34C	0.26249	Le	10.34	6795.32	-1.575E-02	6795.33	No	No
34C	0.52498	Le	0.43	7973.78	-2.030E-04	7973.78	No	No
34C	0.52498	Le	-9.49	9026.38	-9.982E-03	9026.38	Yes	No
34C	0.52498	Le	-6.8	8647.98	-1.205E-02	8647.98	No	No
34C	0.52498	Le	-6.8	8788.19	-9.943E-03	8788.19	No	No
34C	0.52498	Le	0.	7874.65	-1.570E-02	7874.66	No	Yes
34C	0.52498	Le	0.	8072.93	-9.418E-03	8072.94	No	No
34C	0.52498	Le	7.23	7159.39	-1.539E-02	7159.4	No	No
34C	0.52498	Le	7.23	7299.6	-1.279E-02	7299.61	No	No
34C	0.52498	Le	10.34	6921.2	-1.546E-02	6921.21	No	No
34D	0.	DEAD	-16.53	3.830E-02	-23409.35	23409.37	No	No
34D	0.	DEAD	-6.57	1.913E-03	-22582.87	22582.88	No	Yes
34D	0.	DEAD	-1.22	1.583E-02	-24172.22	24172.23	No	No
34D	0.	DEAD	-1.22	1.449E-03	-21477.66	21477.67	Yes	No
34D	0.	DEAD	0.	4.818E-02	-25314.69	25314.71	No	No
34D	0.	DEAD	0.	1.048E-02	-21504.	21504.	No	No
34D	0.	DEAD	-15.31	2.429E-02	-25340.99	25341.	No	No
34D	0.	DEAD	-15.31	1.165E-02	-22646.44	22646.45	No	No
34D	0.	DEAD	-26.49	2.895E-02	-24235.79	24235.8	No	No
34D	0.26249	DEAD	-16.53	1.252E-02	-23396.24	23396.25	No	No
34D	0.26249	DEAD	-6.57	2.055E-03	-21025.96	21025.96	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
34D	0.26249	DEAD	-1.22	3.996E-03	-21840.14	21840.15	No	No
34D	0.26249	DEAD	-1.22	1.145E-03	-21600.25	21600.25	No	No
34D	0.26249	DEAD	0.	8.797E-03	-23565.87	23565.88	No	No
34D	0.26249	DEAD	0.	1.310E-03	-23226.6	23226.6	No	Yes
34D	0.26249	DEAD	-15.31	1.271E-02	-25192.23	25192.24	No	No
34D	0.26249	DEAD	-15.31	1.032E-02	-24952.33	24952.33	No	No
34D	0.26249	DEAD	-26.49	2.723E-02	-25766.53	25766.55	No	No
34D	0.52498	DEAD	-16.53	2.275E-02	-23383.17	23383.18	No	No
34D	0.52498	DEAD	-6.57	1.998E-03	-21624.18	21624.18	No	No
34D	0.52498	DEAD	-1.22	1.190E-04	-21032.	21032.	Yes	No
34D	0.52498	DEAD	-1.22	9.852E-03	-23246.75	23246.76	No	No
34D	0.52498	DEAD	0.	1.721E-03	-21817.09	21817.09	No	No
34D	0.52498	DEAD	0.	2.718E-02	-24949.23	24949.25	No	Yes
34D	0.52498	DEAD	-15.31	1.000E-02	-23519.56	23519.56	No	No
34D	0.52498	DEAD	-15.31	1.795E-02	-25734.31	25734.32	No	No
34D	0.52498	DEAD	-26.49	2.791E-02	-25142.14	25142.15	No	No
34D	0.	Lr	-16.27	1.227E-02	-23135.75	23135.75	No	No
34D	0.	Lr	-4.99	1.152E-03	-21605.05	21605.05	No	No
34D	0.	Lr	-0.16	4.417E-03	-23377.77	23377.77	No	No
34D	0.	Lr	-0.16	1.621E-03	-20729.	20729.	Yes	No
34D	0.	Lr	0.	9.791E-03	-25008.71	25008.71	No	No
34D	0.	Lr	0.	2.250E-03	-21262.78	21262.78	No	Yes
34D	0.	Lr	-16.11	1.421E-02	-25542.49	25542.5	No	No
34D	0.	Lr	-16.11	1.281E-02	-22893.72	22893.73	No	No
34D	0.	Lr	-27.55	3.078E-02	-24666.45	24666.47	No	No
34D	0.26249	Lr	-16.27	1.227E-02	-23135.75	23135.75	No	No
34D	0.26249	Lr	-4.99	1.177E-03	-21146.72	21146.72	Yes	No
34D	0.26249	Lr	-0.16	4.727E-03	-21845.7	21845.7	No	No
34D	0.26249	Lr	-0.16	1.555E-03	-21612.88	21612.88	No	No
34D	0.26249	Lr	0.	1.051E-02	-23300.38	23300.38	No	No
34D	0.26249	Lr	0.	2.083E-03	-22971.11	22971.11	No	Yes
34D	0.26249	Lr	-16.11	1.472E-02	-24658.61	24658.62	No	No
34D	0.26249	Lr	-16.11	1.200E-02	-24425.79	24425.79	No	No
34D	0.26249	Lr	-27.55	3.022E-02	-25124.79	25124.8	No	No
34D	0.52498	Lr	-16.27	1.227E-02	-23135.75	23135.75	No	No
34D	0.52498	Lr	-4.99	1.203E-03	-20688.38	20688.38	No	No
34D	0.52498	Lr	-0.16	5.083E-03	-20313.64	20313.64	Yes	No
34D	0.52498	Lr	-0.16	1.494E-03	-22496.76	22496.76	No	No
34D	0.52498	Lr	0.	1.134E-02	-21592.04	21592.05	No	No
34D	0.52498	Lr	0.	1.939E-03	-24679.44	24679.44	No	Yes
34D	0.52498	Lr	-16.11	1.526E-02	-23774.73	23774.74	No	No
34D	0.52498	Lr	-16.11	1.130E-02	-25957.85	25957.86	No	No
34D	0.52498	Lr	-27.55	2.967E-02	-25583.12	25583.14	No	No
34D	0.	Le	-7.29	5.496E-03	-10366.02	10366.02	No	No
34D	0.	Le	-2.23	5.160E-04	-9680.19	9680.19	No	No
34D	0.	Le	-7.056E-02	1.979E-03	-10474.45	10474.45	No	No
34D	0.	Le	-7.056E-02	7.264E-04	-9287.67	9287.67	Yes	No
34D	0.	Le	0.	4.387E-03	-11205.2	11205.2	No	No
34D	0.	Le	0.	1.008E-03	-9526.83	9526.83	No	Yes
34D	0.	Le	-7.22	6.365E-03	-11444.36	11444.37	No	No
34D	0.	Le	-7.22	5.739E-03	-10257.58	10257.58	No	No
34D	0.	Le	-12.35	1.379E-02	-11051.85	11051.86	No	No
34D	0.26249	Le	-7.29	5.496E-03	-10366.02	10366.02	No	No
34D	0.26249	Le	-2.23	5.272E-04	-9474.83	9474.83	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
34D	0.26249	Le	-7.056E-02	2.118E-03	-9788.01	9788.01	No	No
34D	0.26249	Le	-7.056E-02	6.967E-04	-9683.69	9683.69	No	No
34D	0.26249	Le	0.	4.708E-03	-10439.78	10439.78	No	No
34D	0.26249	Le	0.	9.332E-04	-10292.25	10292.25	No	Yes
34D	0.26249	Le	-7.22	6.593E-03	-11048.34	11048.34	No	No
34D	0.26249	Le	-7.22	5.379E-03	-10944.02	10944.02	No	No
34D	0.26249	Le	-12.35	1.354E-02	-11257.21	11257.22	No	No
34D	0.52498	Le	-7.29	5.496E-03	-10366.02	10366.02	No	No
34D	0.52498	Le	-2.23	5.389E-04	-9269.47	9269.47	No	No
34D	0.52498	Le	-7.056E-02	2.278E-03	-9101.56	9101.57	Yes	No
34D	0.52498	Le	-7.056E-02	6.694E-04	-10079.72	10079.72	No	No
34D	0.52498	Le	0.	5.081E-03	-9674.36	9674.36	No	No
34D	0.52498	Le	0.	8.686E-04	-11057.67	11057.67	No	Yes
34D	0.52498	Le	-7.22	6.838E-03	-10652.31	10652.32	No	No
34D	0.52498	Le	-7.22	5.061E-03	-11630.47	11630.47	No	No
34D	0.52498	Le	-12.35	1.330E-02	-11462.57	11462.57	No	No
34E	0.	DEAD	4.85	28824.68	-1.368E-02	28824.68	No	No
34E	0.	DEAD	-15.28	29751.67	-7.850E-03	29751.68	Yes	No
34E	0.	DEAD	-11.81	29440.79	-5.458E-03	29440.79	No	Yes
34E	0.	DEAD	-11.81	29519.54	-2.402E-02	29519.55	No	No
34E	0.	DEAD	0.	28768.99	-2.642E-05	28768.99	No	No
34E	0.	DEAD	0.	28880.39	-5.372E-02	28880.42	No	No
34E	0.	DEAD	16.66	28129.82	-1.062E-02	28129.82	No	No
34E	0.	DEAD	16.66	28208.57	-3.003E-02	28208.59	No	No
34E	0.	DEAD	24.98	27897.68	-2.237E-02	27897.69	No	No
34E	0.26249	DEAD	4.85	28837.75	-8.709E-04	28837.75	No	No
34E	0.26249	DEAD	-15.28	30709.25	-7.605E-03	30709.26	Yes	No
34E	0.26249	DEAD	-11.81	29761.78	-1.211E-02	29761.78	No	No
34E	0.26249	DEAD	-11.81	30560.44	-1.062E-02	30560.44	No	No
34E	0.26249	DEAD	0.	28273.03	-1.619E-02	28273.03	No	Yes
34E	0.26249	DEAD	0.	29402.5	-1.210E-02	29402.5	No	No
34E	0.26249	DEAD	16.66	27115.09	-1.839E-02	27115.1	No	No
34E	0.26249	DEAD	16.66	27913.75	-1.657E-02	27913.75	No	No
34E	0.26249	DEAD	24.98	26966.27	-2.314E-02	26966.29	No	No
34E	0.52498	DEAD	4.85	28850.85	-1.728E-02	28850.86	No	No
34E	0.52498	DEAD	-15.28	29511.69	-7.913E-03	29511.7	No	No
34E	0.52498	DEAD	-11.81	28558.86	-2.700E-02	28558.87	No	No
34E	0.52498	DEAD	-11.81	30077.42	-5.008E-03	30077.43	Yes	No
34E	0.52498	DEAD	0.	27777.09	-6.328E-02	27777.13	No	Yes
34E	0.52498	DEAD	0.	29924.64	-9.243E-05	29924.64	No	No
34E	0.52498	DEAD	16.66	27624.28	-3.291E-02	27624.3	No	No
34E	0.52498	DEAD	16.66	29142.84	-9.905E-03	29142.85	No	No
34E	0.52498	DEAD	24.98	28190.	-2.213E-02	28190.02	No	No
34E	0.	Lr	4.97	28499.47	-9.172E-04	28499.47	No	No
34E	0.	Lr	-13.88	30118.52	-6.400E-03	30118.52	Yes	No
34E	0.	Lr	-10.85	29611.95	-1.052E-02	29611.96	No	No
34E	0.	Lr	-10.85	29676.68	-9.431E-03	29676.68	No	No
34E	0.	Lr	0.	28453.72	-1.412E-02	28453.73	No	Yes
34E	0.	Lr	0.	28545.25	-1.093E-02	28545.25	No	No
34E	0.	Lr	15.82	27322.29	-1.626E-02	27322.3	No	No
34E	0.	Lr	15.82	27387.01	-1.506E-02	27387.02	No	No
34E	0.	Lr	23.83	26880.45	-2.112E-02	26880.46	No	No
34E	0.26249	Lr	4.97	28499.47	-9.172E-04	28499.47	No	No
34E	0.26249	Lr	-13.88	29993.31	-6.427E-03	29993.31	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
34E	0.26249	Lr	-10.85	29154.32	-1.069E-02	29154.32	No	No
34E	0.26249	Lr	-10.85	29957.24	-9.342E-03	29957.25	No	No
34E	0.26249	Lr	0.	27931.73	-1.439E-02	27931.74	No	Yes
34E	0.26249	Lr	0.	29067.24	-1.073E-02	29067.24	No	No
34E	0.26249	Lr	15.82	27041.72	-1.643E-02	27041.73	No	No
34E	0.26249	Lr	15.82	27844.65	-1.481E-02	27844.66	No	No
34E	0.26249	Lr	23.83	27005.66	-2.102E-02	27005.67	No	No
34E	0.52498	Lr	4.97	28499.47	-9.172E-04	28499.47	No	No
34E	0.52498	Lr	-13.88	29868.1	-6.453E-03	29868.11	No	No
34E	0.52498	Lr	-10.85	28696.68	-1.086E-02	28696.69	No	No
34E	0.52498	Lr	-10.85	30237.81	-9.256E-03	30237.82	Yes	No
34E	0.52498	Lr	0.	27409.74	-1.466E-02	27409.75	No	Yes
34E	0.52498	Lr	0.	29589.23	-1.054E-02	29589.23	No	No
34E	0.52498	Lr	15.82	26761.16	-1.660E-02	26761.16	No	No
34E	0.52498	Lr	15.82	28302.29	-1.457E-02	28302.29	No	No
34E	0.52498	Lr	23.83	27130.87	-2.092E-02	27130.88	No	No
34E	0.	Le	2.23	12769.24	-4.109E-04	12769.24	No	No
34E	0.	Le	-6.22	13494.66	-2.867E-03	13494.66	Yes	No
34E	0.	Le	-4.86	13267.69	-4.716E-03	13267.7	No	No
34E	0.	Le	-4.86	13296.69	-4.225E-03	13296.69	No	No
34E	0.	Le	0.	12748.74	-6.329E-03	12748.75	No	Yes
34E	0.	Le	0.	12789.75	-4.897E-03	12789.76	No	No
34E	0.	Le	7.09	12241.81	-7.285E-03	12241.81	No	No
34E	0.	Le	7.09	12270.81	-6.747E-03	12270.81	No	No
34E	0.	Le	10.68	12043.84	-9.463E-03	12043.84	No	No
34E	0.26249	Le	2.23	12769.24	-4.109E-04	12769.24	No	No
34E	0.26249	Le	-6.22	13438.56	-2.879E-03	13438.56	Yes	No
34E	0.26249	Le	-4.86	13062.65	-4.790E-03	13062.65	No	No
34E	0.26249	Le	-4.86	13422.4	-4.186E-03	13422.4	No	No
34E	0.26249	Le	0.	12514.87	-6.447E-03	12514.87	No	Yes
34E	0.26249	Le	0.	13023.63	-4.809E-03	13023.63	No	No
34E	0.26249	Le	7.09	12116.1	-7.360E-03	12116.1	No	No
34E	0.26249	Le	7.09	12475.85	-6.637E-03	12475.85	No	No
34E	0.26249	Le	10.68	12099.94	-9.419E-03	12099.94	No	No
34E	0.52498	Le	2.23	12769.24	-4.109E-04	12769.24	No	No
34E	0.52498	Le	-6.22	13382.46	-2.891E-03	13382.46	No	No
34E	0.52498	Le	-4.86	12857.6	-4.866E-03	12857.61	No	No
34E	0.52498	Le	-4.86	13548.11	-4.147E-03	13548.11	Yes	No
34E	0.52498	Le	0.	12280.99	-6.570E-03	12280.99	No	Yes
34E	0.52498	Le	0.	13257.51	-4.724E-03	13257.51	No	No
34E	0.52498	Le	7.09	11990.39	-7.438E-03	11990.39	No	No
34E	0.52498	Le	7.09	12680.89	-6.529E-03	12680.9	No	No
34E	0.52498	Le	10.68	12156.04	-9.375E-03	12156.04	No	No
35C	0.	DEAD					No	
35C	0.	DEAD					No	
35C	0.	DEAD					No	
35C	0.	DEAD					Yes	
35C	0.17	DEAD					No	
35C	0.17	DEAD					No	
35C	0.17	DEAD					Yes	
35C	0.17	DEAD					No	
35C	0.34	DEAD					No	
35C	0.34	DEAD					No	
35C	0.34	DEAD					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
35C	0.34	DEAD					No	
35C	0.	Lr					No	
35C	0.	Lr					No	
35C	0.	Lr					No	
35C	0.	Lr					Yes	
35C	0.17	Lr					No	
35C	0.17	Lr					No	
35C	0.17	Lr					Yes	
35C	0.17	Lr					No	
35C	0.34	Lr					No	
35C	0.34	Lr					No	
35C	0.34	Lr					Yes	
35C	0.34	Lr					No	
35C	0.	Le					No	
35C	0.	Le					No	
35C	0.	Le					No	
35C	0.	Le					Yes	
35C	0.17	Le					No	
35C	0.17	Le					No	
35C	0.17	Le					Yes	
35C	0.17	Le					No	
35C	0.34	Le					No	
35C	0.34	Le					No	
35C	0.34	Le					Yes	
35C	0.34	Le					No	
35D	0.	DEAD					No	
35D	0.	DEAD					No	
35D	0.	DEAD					No	
35D	0.	DEAD					Yes	
35D	0.17	DEAD					No	
35D	0.17	DEAD					No	
35D	0.17	DEAD					No	
35D	0.17	DEAD					Yes	
35D	0.34	DEAD					No	
35D	0.34	DEAD					No	
35D	0.34	DEAD					Yes	
35D	0.34	DEAD					No	
35D	0.	Lr					No	
35D	0.	Lr					No	
35D	0.	Lr					No	
35D	0.	Lr					Yes	
35D	0.17	Lr					No	
35D	0.17	Lr					No	
35D	0.17	Lr					No	
35D	0.17	Lr					Yes	
35D	0.34	Lr					No	
35D	0.34	Lr					No	
35D	0.34	Lr					Yes	
35D	0.34	Lr					No	
35D	0.	Le					No	
35D	0.	Le					No	
35D	0.	Le					No	
35D	0.	Le					Yes	
35D	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
35D	0.17	Le					No	
35D	0.17	Le					No	
35D	0.17	Le					Yes	
35D	0.34	Le					No	
35D	0.34	Le					No	
35D	0.34	Le					Yes	
35D	0.34	Le					No	
35E	0.	DEAD					No	
35E	0.	DEAD					No	
35E	0.	DEAD					No	
35E	0.	DEAD					Yes	
35E	0.17	DEAD					No	
35E	0.17	DEAD					Yes	
35E	0.17	DEAD					No	
35E	0.17	DEAD					No	
35E	0.34	DEAD					No	
35E	0.34	DEAD					No	
35E	0.34	DEAD					Yes	
35E	0.34	DEAD					No	
35E	0.	Lr					No	
35E	0.	Lr					No	
35E	0.	Lr					No	
35E	0.	Lr					Yes	
35E	0.17	Lr					No	
35E	0.17	Lr					Yes	
35E	0.17	Lr					No	
35E	0.17	Lr					No	
35E	0.34	Lr					No	
35E	0.34	Lr					No	
35E	0.34	Lr					Yes	
35E	0.34	Lr					No	
35E	0.	Le					No	
35E	0.	Le					No	
35E	0.	Le					No	
35E	0.	Le					Yes	
35E	0.17	Le					No	
35E	0.17	Le					Yes	
35E	0.17	Le					No	
35E	0.17	Le					No	
35E	0.34	Le					No	
35E	0.34	Le					No	
35E	0.34	Le					Yes	
35E	0.34	Le					No	
35F	0.	DEAD					No	
35F	0.	DEAD					No	
35F	0.	DEAD					No	
35F	0.	DEAD					Yes	
35F	0.17	DEAD					No	
35F	0.17	DEAD					No	
35F	0.17	DEAD					Yes	
35F	0.17	DEAD					No	
35F	0.34	DEAD					No	
35F	0.34	DEAD					No	
35F	0.34	DEAD					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
35F	0.34	DEAD					No	
35F	0.	Lr					No	
35F	0.	Lr					No	
35F	0.	Lr					No	
35F	0.	Lr					Yes	
35F	0.17	Lr					No	
35F	0.17	Lr					No	
35F	0.17	Lr					Yes	
35F	0.17	Lr					No	
35F	0.34	Lr					No	
35F	0.34	Lr					No	
35F	0.34	Lr					Yes	
35F	0.34	Lr					No	
35F	0.	Le					No	
35F	0.	Le					No	
35F	0.	Le					No	
35F	0.	Le					Yes	
35F	0.17	Le					No	
35F	0.17	Le					No	
35F	0.17	Le					Yes	
35F	0.17	Le					No	
35F	0.34	Le					No	
35F	0.34	Le					No	
35F	0.34	Le					Yes	
35F	0.34	Le					No	
360	0.	DEAD					No	
360	0.	DEAD					No	
360	0.	DEAD					No	
360	0.	DEAD					Yes	
360	0.17	DEAD					No	
360	0.17	DEAD					No	
360	0.17	DEAD					Yes	
360	0.17	DEAD					No	
360	0.34	DEAD					No	
360	0.34	DEAD					No	
360	0.34	DEAD					Yes	
360	0.34	DEAD					No	
360	0.	Lr					No	
360	0.	Lr					No	
360	0.	Lr					No	
360	0.	Lr					Yes	
360	0.17	Lr					No	
360	0.17	Lr					No	
360	0.17	Lr					Yes	
360	0.17	Lr					No	
360	0.34	Lr					No	
360	0.34	Lr					No	
360	0.34	Lr					Yes	
360	0.34	Lr					No	
360	0.	Le					No	
360	0.	Le					No	
360	0.	Le					No	
360	0.	Le					Yes	
360	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
360	0.17	Le					No	
360	0.17	Le					Yes	
360	0.17	Le					No	
360	0.34	Le					No	
360	0.34	Le					No	
360	0.34	Le					Yes	
360	0.34	Le					No	
361	0.	DEAD					No	
361	0.	DEAD					No	
361	0.	DEAD					No	
361	0.	DEAD					Yes	
361	0.17	DEAD					No	
361	0.17	DEAD					No	
361	0.17	DEAD					No	
361	0.17	DEAD					Yes	
361	0.34	DEAD					No	
361	0.34	DEAD					No	
361	0.34	DEAD					Yes	
361	0.34	DEAD					No	
361	0.	Lr					No	
361	0.	Lr					No	
361	0.	Lr					No	
361	0.	Lr					Yes	
361	0.17	Lr					No	
361	0.17	Lr					No	
361	0.17	Lr					No	
361	0.17	Lr					Yes	
361	0.34	Lr					No	
361	0.34	Lr					No	
361	0.34	Lr					Yes	
361	0.34	Lr					No	
361	0.	Le					No	
361	0.	Le					No	
361	0.	Le					No	
361	0.	Le					Yes	
361	0.17	Le					No	
361	0.17	Le					No	
361	0.17	Le					No	
361	0.17	Le					Yes	
361	0.34	Le					No	
361	0.34	Le					No	
361	0.34	Le					Yes	
361	0.34	Le					No	
362	0.	DEAD					No	
362	0.	DEAD					No	
362	0.	DEAD					No	
362	0.	DEAD					Yes	
362	0.17	DEAD					No	
362	0.17	DEAD					No	
362	0.17	DEAD					Yes	
362	0.17	DEAD					No	
362	0.34	DEAD					No	
362	0.34	DEAD					No	
362	0.34	DEAD					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
362	0.34	DEAD					No	
362	0.	Lr					No	
362	0.	Lr					No	
362	0.	Lr					No	
362	0.	Lr					Yes	
362	0.17	Lr					No	
362	0.17	Lr					No	
362	0.17	Lr					Yes	
362	0.17	Lr					No	
362	0.34	Lr					No	
362	0.34	Lr					No	
362	0.34	Lr					Yes	
362	0.34	Lr					No	
362	0.	Le					No	
362	0.	Le					No	
362	0.	Le					No	
362	0.	Le					Yes	
362	0.17	Le					No	
362	0.17	Le					No	
362	0.17	Le					Yes	
362	0.17	Le					No	
362	0.34	Le					No	
362	0.34	Le					No	
362	0.34	Le					Yes	
362	0.34	Le					No	
363	0.	DEAD	18.66	30584.11	-4.656E-02	30584.13	No	No
363	0.	DEAD	194.87	30282.18	-1.25	30282.8	No	No
363	0.	DEAD	133.93	31969.69	-1.18	31970.29	No	No
363	0.	DEAD	133.93	28771.94	-1.03	28772.45	No	No
363	0.	DEAD	0.	32846.44	-1.33	32847.1	Yes	No
363	0.	DEAD	0.	28323.74	-0.73	28324.1	No	Yes
363	0.	DEAD	-115.27	32398.24	-1.02	32398.75	No	No
363	0.	DEAD	-115.27	29200.46	-0.86	29200.89	No	No
363	0.	DEAD	-157.55	30888.	-0.8	30888.4	No	No
363	0.26249	DEAD	18.66	30597.16	-1.630E-02	30597.17	No	No
363	0.26249	DEAD	194.87	32661.51	-1.16	32662.09	Yes	No
363	0.26249	DEAD	133.93	32270.76	-1.09	32271.31	No	No
363	0.26249	DEAD	133.93	31843.42	-1.	31843.92	No	No
363	0.26249	DEAD	0.	30900.42	-1.15	30900.99	No	No
363	0.26249	DEAD	0.	30295.91	-0.89	30296.35	No	Yes
363	0.26249	DEAD	-115.27	29352.91	-1.03	29353.43	No	No
363	0.26249	DEAD	-115.27	28925.55	-0.94	28926.03	No	No
363	0.26249	DEAD	-157.55	28534.82	-0.87	28535.25	No	No
363	0.52498	DEAD	18.66	30610.24	-1.360E-02	30610.25	No	No
363	0.52498	DEAD	194.87	32885.78	-1.15	32886.35	No	No
363	0.52498	DEAD	133.93	31047.98	-1.05	31048.5	No	No
363	0.52498	DEAD	133.93	33391.04	-1.03	33391.55	Yes	No
363	0.52498	DEAD	0.	28954.4	-0.97	28954.89	No	No
363	0.52498	DEAD	0.	32268.09	-1.05	32268.61	No	Yes
363	0.52498	DEAD	-115.27	27831.45	-1.	27831.95	No	No
363	0.52498	DEAD	-115.27	30174.52	-0.99	30175.01	No	No
363	0.52498	DEAD	-157.55	28336.71	-0.88	28337.15	No	No
363	0.	Lr	18.42	30253.15	-1.644E-02	30253.16	No	No
363	0.	Lr	195.88	30631.73	-1.25	30632.36	No	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
363	0.	Lr	134.7	32097.58	-1.11	32098.13	No	No
363	0.	Lr	134.7	28944.56	-1.12	28945.11	No	No
363	0.	Lr	0.	32483.78	-1.11	32484.33	Yes	No
363	0.	Lr	0.	28024.57	-0.97	28025.06	No	Yes
363	0.	Lr	-116.27	31563.81	-0.98	31564.3	No	No
363	0.	Lr	-116.27	28410.77	-0.98	28411.26	No	No
363	0.	Lr	-159.04	29876.64	-0.85	29877.06	No	No
363	0.26249	Lr	18.42	30253.15	-1.644E-02	30253.16	No	No
363	0.26249	Lr	195.88	31951.18	-1.2	31951.78	Yes	No
363	0.26249	Lr	134.7	31662.96	-1.12	31663.52	No	No
363	0.26249	Lr	134.7	31245.16	-1.04	31245.68	No	No
363	0.26249	Lr	0.	30549.69	-1.18	30550.28	No	No
363	0.26249	Lr	0.	29958.67	-0.91	29959.12	No	Yes
363	0.26249	Lr	-116.27	29263.2	-1.06	29263.73	No	No
363	0.26249	Lr	-116.27	28845.39	-0.96	28845.87	No	No
363	0.26249	Lr	-159.04	28557.18	-0.89	28557.62	No	No
363	0.52498	Lr	18.42	30253.15	-1.644E-02	30253.16	No	No
363	0.52498	Lr	195.88	33270.63	-1.15	33271.2	No	No
363	0.52498	Lr	134.7	31228.35	-1.14	31228.91	No	No
363	0.52498	Lr	134.7	33545.77	-0.96	33546.25	Yes	No
363	0.52498	Lr	0.	28615.61	-1.26	28616.24	No	No
363	0.52498	Lr	0.	31892.78	-0.85	31893.2	No	Yes
363	0.52498	Lr	-116.27	26962.61	-1.15	26963.18	No	No
363	0.52498	Lr	-116.27	29280.01	-0.95	29280.48	No	No
363	0.52498	Lr	-159.04	27237.73	-0.93	27238.19	No	No
363	0.	Le	8.25	13554.98	-7.365E-03	13554.99	No	No
363	0.	Le	87.77	13724.61	-0.56	13724.89	No	No
363	0.	Le	60.35	14381.38	-0.5	14381.63	No	No
363	0.	Le	60.35	12968.66	-0.5	12968.91	No	No
363	0.	Le	0.	14554.42	-0.5	14554.67	Yes	No
363	0.	Le	0.	12556.46	-0.43	12556.68	No	Yes
363	0.	Le	-52.1	14142.23	-0.44	14142.45	No	No
363	0.	Le	-52.1	12729.5	-0.44	12729.72	No	No
363	0.	Le	-71.26	13386.29	-0.38	13386.48	No	No
363	0.26249	Le	8.25	13554.98	-7.365E-03	13554.99	No	No
363	0.26249	Le	87.77	14315.79	-0.54	14316.06	Yes	No
363	0.26249	Le	60.35	14186.65	-0.5	14186.9	No	No
363	0.26249	Le	60.35	13999.45	-0.46	13999.69	No	No
363	0.26249	Le	0.	13687.85	-0.53	13688.11	No	No
363	0.26249	Le	0.	13423.04	-0.41	13423.24	No	Yes
363	0.26249	Le	-52.1	13111.43	-0.47	13111.67	No	No
363	0.26249	Le	-52.1	12924.23	-0.43	12924.45	No	No
363	0.26249	Le	-71.26	12795.1	-0.4	12795.3	No	No
363	0.52498	Le	8.25	13554.98	-7.365E-03	13554.99	No	No
363	0.52498	Le	87.77	14906.97	-0.52	14907.23	No	No
363	0.52498	Le	60.35	13991.92	-0.51	13992.18	No	No
363	0.52498	Le	60.35	15030.25	-0.43	15030.46	Yes	No
363	0.52498	Le	0.	12821.28	-0.57	12821.56	No	No
363	0.52498	Le	0.	14289.62	-0.38	14289.81	No	Yes
363	0.52498	Le	-52.1	12080.65	-0.51	12080.91	No	No
363	0.52498	Le	-52.1	13118.96	-0.42	13119.18	No	No
363	0.52498	Le	-71.26	12203.92	-0.42	12204.12	No	No
364	0.	DEAD	-0.84	2.424E-02	-25164.27	25164.28	No	No
364	0.	DEAD	11.49	5.378E-03	-24544.89	24544.89	Yes	Yes

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
364	0.	DEAD	8.3	2.080E-02	-24637.32	24637.33	No	No
364	0.	DEAD	8.3	3.304E-03	-24815.29	24815.3	No	No
364	0.	DEAD	0.	5.472E-02	-25038.44	25038.47	No	No
364	0.	DEAD	0.	6.037E-03	-25290.12	25290.12	No	No
364	0.	DEAD	-9.14	2.066E-02	-25513.22	25513.23	No	No
364	0.	DEAD	-9.14	3.762E-03	-25691.2	25691.21	No	No
364	0.	DEAD	-13.17	6.727E-03	-25783.61	25783.62	No	No
364	0.26249	DEAD	-0.84	7.160E-04	-25151.16	25151.16	No	No
364	0.26249	DEAD	11.49	5.735E-03	-23017.5	23017.5	Yes	No
364	0.26249	DEAD	8.3	7.895E-03	-23491.06	23491.07	No	No
364	0.26249	DEAD	8.3	4.746E-03	-23793.81	23793.81	No	No
364	0.26249	DEAD	0.	1.090E-02	-24937.09	24937.1	No	No
364	0.26249	DEAD	0.	2.631E-03	-25365.24	25365.24	No	Yes
364	0.26249	DEAD	-9.14	7.549E-03	-26508.52	26508.53	No	No
364	0.26249	DEAD	-9.14	4.758E-03	-26811.27	26811.28	No	No
364	0.26249	DEAD	-13.17	6.357E-03	-27284.83	27284.84	No	No
364	0.52498	DEAD	-0.84	1.068E-02	-25138.09	25138.09	No	No
364	0.52498	DEAD	11.49	5.583E-03	-23645.25	23645.25	Yes	No
364	0.52498	DEAD	8.3	2.897E-03	-23868.73	23868.74	No	No
364	0.52498	DEAD	8.3	1.459E-02	-24296.26	24296.26	No	No
364	0.52498	DEAD	0.	6.562E-04	-24835.78	24835.78	No	No
364	0.52498	DEAD	0.	3.237E-02	-25440.4	25440.42	No	Yes
364	0.52498	DEAD	-9.14	3.225E-03	-25979.91	25979.92	No	No
364	0.52498	DEAD	-9.14	1.398E-02	-26407.43	26407.44	No	No
364	0.52498	DEAD	-13.17	6.513E-03	-26630.91	26630.92	No	No
364	0.	Lr	-0.92	7.012E-04	-24869.6	24869.6	No	No
364	0.	Lr	10.91	5.052E-03	-23541.47	23541.48	Yes	No
364	0.	Lr	7.9	7.151E-03	-23851.21	23851.21	No	No
364	0.	Lr	7.9	4.266E-03	-24009.74	24009.74	No	No
364	0.	Lr	0.	1.021E-02	-24757.51	24757.51	No	No
364	0.	Lr	0.	2.405E-03	-24981.69	24981.69	No	Yes
364	0.	Lr	-8.82	7.227E-03	-25729.47	25729.47	No	No
364	0.	Lr	-8.82	4.551E-03	-25887.99	25887.99	No	No
364	0.	Lr	-12.74	6.200E-03	-26197.73	26197.73	No	No
364	0.26249	Lr	-0.92	7.012E-04	-24869.6	24869.6	No	No
364	0.26249	Lr	10.91	5.145E-03	-23113.78	23113.78	Yes	No
364	0.26249	Lr	7.9	7.264E-03	-23480.49	23480.5	No	No
364	0.26249	Lr	7.9	4.309E-03	-23775.6	23775.6	No	No
364	0.26249	Lr	0.	1.025E-02	-24660.93	24660.94	No	No
364	0.26249	Lr	0.	2.396E-03	-25078.27	25078.27	No	Yes
364	0.26249	Lr	-8.82	7.162E-03	-25963.6	25963.61	No	No
364	0.26249	Lr	-8.82	4.487E-03	-26258.71	26258.71	No	No
364	0.26249	Lr	-12.74	6.101E-03	-26625.42	26625.43	No	No
364	0.52498	Lr	-0.92	7.012E-04	-24869.6	24869.6	No	No
364	0.52498	Lr	10.91	5.242E-03	-22686.08	22686.08	Yes	No
364	0.52498	Lr	7.9	7.380E-03	-23109.77	23109.78	No	No
364	0.52498	Lr	7.9	4.351E-03	-23541.46	23541.47	No	No
364	0.52498	Lr	0.	1.029E-02	-24564.35	24564.36	No	No
364	0.52498	Lr	0.	2.387E-03	-25174.85	25174.85	No	Yes
364	0.52498	Lr	-8.82	7.098E-03	-26197.74	26197.74	No	No
364	0.52498	Lr	-8.82	4.424E-03	-26629.43	26629.43	No	No
364	0.52498	Lr	-12.74	6.004E-03	-27053.12	27053.12	No	No
364	0.	Le	-0.41	3.142E-04	-11142.87	11142.87	No	No
364	0.	Le	4.89	2.263E-03	-10547.8	10547.8	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
364	0.	Le	3.54	3.204E-03	-10686.58	10686.58	No	No
364	0.	Le	3.54	1.912E-03	-10757.61	10757.61	No	No
364	0.	Le	0.	4.574E-03	-11092.65	11092.65	No	No
364	0.	Le	0.	1.078E-03	-11193.1	11193.1	No	Yes
364	0.	Le	-3.95	3.238E-03	-11528.14	11528.14	No	No
364	0.	Le	-3.95	2.039E-03	-11599.16	11599.17	No	No
364	0.	Le	-5.71	2.778E-03	-11737.94	11737.94	No	No
364	0.26249	Le	-0.41	3.142E-04	-11142.87	11142.87	No	No
364	0.26249	Le	4.89	2.305E-03	-10356.17	10356.17	Yes	No
364	0.26249	Le	3.54	3.255E-03	-10520.48	10520.48	No	No
364	0.26249	Le	3.54	1.930E-03	-10652.7	10652.7	No	No
364	0.26249	Le	0.	4.592E-03	-11049.38	11049.38	No	No
364	0.26249	Le	0.	1.073E-03	-11236.37	11236.37	No	Yes
364	0.26249	Le	-3.95	3.209E-03	-11633.04	11633.04	No	No
364	0.26249	Le	-3.95	2.010E-03	-11765.27	11765.27	No	No
364	0.26249	Le	-5.71	2.733E-03	-11929.57	11929.57	No	No
364	0.52498	Le	-0.41	3.142E-04	-11142.87	11142.87	No	No
364	0.52498	Le	4.89	2.349E-03	-10164.54	10164.54	Yes	No
364	0.52498	Le	3.54	3.307E-03	-10354.38	10354.38	No	No
364	0.52498	Le	3.54	1.950E-03	-10547.8	10547.8	No	No
364	0.52498	Le	0.	4.610E-03	-11006.11	11006.11	No	No
364	0.52498	Le	0.	1.069E-03	-11279.64	11279.64	No	Yes
364	0.52498	Le	-3.95	3.180E-03	-11737.95	11737.95	No	No
364	0.52498	Le	-3.95	1.982E-03	-11931.37	11931.37	No	No
364	0.52498	Le	-5.71	2.690E-03	-12121.2	12121.2	No	No
365	0.	DEAD	13.05	19723.94	-2.377E-02	19723.95	No	No
365	0.	DEAD	50.56	21837.06	-0.12	21837.12	No	No
365	0.	DEAD	33.05	22373.74	-0.1	22373.79	Yes	No
365	0.	DEAD	33.05	20062.53	-7.037E-02	20062.57	No	No
365	0.	DEAD	0.	21358.3	-0.14	21358.37	No	No
365	0.	DEAD	0.	18089.69	-2.262E-02	18089.7	No	Yes
365	0.	DEAD	-20.	19385.45	-8.442E-02	19385.49	No	No
365	0.	DEAD	-20.	17074.23	-4.216E-02	17074.25	No	No
365	0.	DEAD	-24.46	17610.92	-3.398E-02	17610.94	No	No
365	0.26249	DEAD	13.05	19737.01	-9.156E-03	19737.01	No	No
365	0.26249	DEAD	50.56	22587.06	-0.11	22587.11	Yes	No
365	0.26249	DEAD	33.05	21939.32	-7.804E-02	21939.36	No	No
365	0.26249	DEAD	33.05	21565.28	-8.737E-02	21565.32	No	No
365	0.26249	DEAD	0.	20001.55	-5.870E-02	20001.58	No	No
365	0.26249	DEAD	0.	19472.59	-8.529E-02	19472.64	No	Yes
365	0.26249	DEAD	-20.	17908.86	-5.696E-02	17908.89	No	No
365	0.26249	DEAD	-20.	17534.83	-6.799E-02	17534.86	No	No
365	0.26249	DEAD	-24.46	16887.09	-3.544E-02	16887.1	No	No
365	0.52498	DEAD	13.05	19750.12	-3.723E-02	19750.14	No	No
365	0.52498	DEAD	50.56	21181.93	-0.12	21181.99	No	No
365	0.52498	DEAD	33.05	19980.99	-6.538E-02	19981.02	No	No
365	0.52498	DEAD	33.05	21544.12	-0.12	21544.18	Yes	No
365	0.52498	DEAD	0.	18644.83	-1.012E-02	18644.84	No	No
365	0.52498	DEAD	0.	20855.53	-0.18	20855.62	No	Yes
365	0.52498	DEAD	-20.	17956.2	-3.421E-02	17956.21	No	No
365	0.52498	DEAD	-20.	19519.34	-9.607E-02	19519.38	No	No
365	0.52498	DEAD	-24.46	18318.39	-3.267E-02	18318.41	No	No
365	0.	Lr	12.88	19516.73	-9.019E-03	19516.73	No	No
365	0.	Lr	49.09	22312.58	-0.11	22312.63	No	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
365	0.	Lr	32.04	22634.04	-7.083E-02	22634.07	Yes	No
365	0.	Lr	32.04	20353.35	-8.677E-02	20353.39	No	No
365	0.	Lr	0.	21129.48	-5.161E-02	21129.5	No	No
365	0.	Lr	0.	17904.1	-8.665E-02	17904.15	No	Yes
365	0.	Lr	-19.16	18680.23	-5.052E-02	18680.26	No	No
365	0.	Lr	-19.16	16399.54	-6.748E-02	16399.57	No	No
365	0.	Lr	-23.33	16721.	-3.254E-02	16721.02	No	No
365	0.26249	Lr	12.88	19516.73	-9.019E-03	19516.73	No	No
365	0.26249	Lr	49.09	21978.43	-0.11	21978.49	Yes	No
365	0.26249	Lr	32.04	21441.54	-7.477E-02	21441.57	No	No
365	0.26249	Lr	32.04	21073.29	-8.381E-02	21073.34	No	No
365	0.26249	Lr	0.	19777.17	-5.514E-02	19777.2	No	No
365	0.26249	Lr	0.	19256.41	-8.057E-02	19256.45	No	Yes
365	0.26249	Lr	-19.16	17960.28	-5.254E-02	17960.31	No	No
365	0.26249	Lr	-19.16	17592.04	-6.291E-02	17592.07	No	No
365	0.26249	Lr	-23.33	17055.15	-3.190E-02	17055.16	No	No
365	0.52498	Lr	12.88	19516.73	-9.019E-03	19516.73	No	No
365	0.52498	Lr	49.09	21644.29	-0.11	21644.34	No	No
365	0.52498	Lr	32.04	20249.04	-7.917E-02	20249.08	No	No
365	0.52498	Lr	32.04	21793.24	-8.104E-02	21793.28	Yes	No
365	0.52498	Lr	0.	18424.86	-5.919E-02	18424.89	No	No
365	0.52498	Lr	0.	20608.71	-7.528E-02	20608.75	No	Yes
365	0.52498	Lr	-19.16	17240.33	-5.474E-02	17240.36	No	No
365	0.52498	Lr	-19.16	18784.54	-5.891E-02	18784.57	No	No
365	0.52498	Lr	-23.33	17389.29	-3.129E-02	17389.31	No	No
365	0.	Le	5.77	8744.51	-4.041E-03	8744.51	No	No
365	0.	Le	21.99	9997.19	-4.838E-02	9997.22	No	No
365	0.	Le	14.36	10141.23	-3.174E-02	10141.24	Yes	No
365	0.	Le	14.36	9119.36	-3.888E-02	9119.38	No	No
365	0.	Le	0.	9467.1	-2.313E-02	9467.11	No	No
365	0.	Le	0.	8021.97	-3.883E-02	8021.99	No	Yes
365	0.	Le	-8.59	8369.71	-2.263E-02	8369.73	No	No
365	0.	Le	-8.59	7347.85	-3.023E-02	7347.86	No	No
365	0.	Le	-10.45	7491.88	-1.458E-02	7491.88	No	No
365	0.26249	Le	5.77	8744.51	-4.041E-03	8744.51	No	No
365	0.26249	Le	21.99	9847.48	-4.912E-02	9847.5	Yes	No
365	0.26249	Le	14.36	9606.92	-3.350E-02	9606.94	No	No
365	0.26249	Le	14.36	9441.93	-3.755E-02	9441.95	No	No
365	0.26249	Le	0.	8861.2	-2.471E-02	8861.21	No	No
365	0.26249	Le	0.	8627.87	-3.610E-02	8627.89	No	Yes
365	0.26249	Le	-8.59	8047.14	-2.354E-02	8047.15	No	No
365	0.26249	Le	-8.59	7882.15	-2.818E-02	7882.16	No	No
365	0.26249	Le	-10.45	7641.59	-1.429E-02	7641.6	No	No
365	0.52498	Le	5.77	8744.51	-4.041E-03	8744.51	No	No
365	0.52498	Le	21.99	9697.77	-4.988E-02	9697.79	No	No
365	0.52498	Le	14.36	9072.62	-3.547E-02	9072.64	No	No
365	0.52498	Le	14.36	9764.5	-3.631E-02	9764.52	Yes	No
365	0.52498	Le	0.	8255.3	-2.652E-02	8255.31	No	No
365	0.52498	Le	0.	9233.77	-3.373E-02	9233.79	No	Yes
365	0.52498	Le	-8.59	7724.57	-2.452E-02	7724.58	No	No
365	0.52498	Le	-8.59	8416.45	-2.640E-02	8416.46	No	No
365	0.52498	Le	-10.45	7791.31	-1.402E-02	7791.31	No	No
366	0.	DEAD	-0.12	3.726E-02	-14391.64	14391.65	No	No
366	0.	DEAD	-4.17	1.392E-03	-12485.46	12485.46	Yes	Yes

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
366	0.	DEAD	-2.92	6.543E-03	-12920.76	12920.77	No	No
366	0.	DEAD	-2.92	1.648E-02	-13166.77	13166.78	No	No
366	0.	DEAD	0.	2.569E-02	-14217.68	14217.69	No	No
366	0.	DEAD	0.	5.081E-02	-14565.6	14565.62	No	No
366	0.	DEAD	2.8	5.368E-03	-15616.45	15616.45	No	No
366	0.	DEAD	2.8	1.364E-02	-15862.45	15862.46	No	No
366	0.	DEAD	3.92	9.444E-04	-16297.74	16297.74	No	No
366	0.26249	DEAD	-0.12	4.826E-04	-14378.51	14378.51	No	No
366	0.26249	DEAD	-4.17	1.563E-03	-11118.53	11118.53	Yes	No
366	0.26249	DEAD	-2.92	9.154E-04	-11941.22	11941.22	No	Yes
366	0.26249	DEAD	-2.92	2.129E-03	-12205.5	12205.5	No	No
366	0.26249	DEAD	0.	1.411E-04	-14191.64	14191.64	No	No
366	0.26249	DEAD	0.	3.061E-03	-14565.39	14565.39	No	No
366	0.26249	DEAD	2.8	6.178E-04	-16551.53	16551.53	No	No
366	0.26249	DEAD	2.8	1.504E-03	-16815.81	16815.81	No	No
366	0.26249	DEAD	3.92	8.726E-04	-17638.5	17638.5	No	No
366	0.52498	DEAD	-0.12	2.229E-02	-14365.45	14365.46	No	No
366	0.52498	DEAD	-4.17	1.460E-03	-11906.74	11906.74	Yes	No
366	0.52498	DEAD	-2.92	1.185E-02	-12485.61	12485.62	No	No
366	0.52498	DEAD	-2.92	3.570E-03	-12768.15	12768.15	No	No
366	0.52498	DEAD	0.	3.398E-02	-14165.67	14165.69	No	Yes
366	0.52498	DEAD	0.	1.317E-02	-14565.23	14565.24	No	No
366	0.52498	DEAD	2.8	9.226E-03	-15962.72	15962.72	No	No
366	0.52498	DEAD	2.8	2.763E-03	-16245.26	16245.26	No	No
366	0.52498	DEAD	3.92	9.148E-04	-16824.12	16824.12	No	No
366	0.	Lr	-0.19	4.720E-04	-14220.72	14220.72	No	No
366	0.	Lr	-4.47	1.716E-03	-11622.73	11622.73	Yes	No
366	0.	Lr	-3.12	1.038E-03	-12268.88	12268.88	No	Yes
366	0.	Lr	-3.12	2.270E-03	-12498.45	12498.45	No	No
366	0.	Lr	0.	2.042E-04	-14058.4	14058.4	No	No
366	0.	Lr	0.	3.274E-03	-14383.05	14383.05	No	No
366	0.	Lr	2.93	7.273E-04	-15943.	15943.	No	No
366	0.	Lr	2.93	1.684E-03	-16172.56	16172.56	No	No
366	0.	Lr	4.09	9.947E-04	-16818.71	16818.72	No	No
366	0.26249	Lr	-0.19	4.720E-04	-14220.72	14220.72	No	No
366	0.26249	Lr	-4.47	1.757E-03	-11351.42	11351.42	Yes	No
366	0.26249	Lr	-3.12	1.056E-03	-12063.06	12063.06	No	Yes
366	0.26249	Lr	-3.12	2.303E-03	-12320.57	12320.58	No	No
366	0.26249	Lr	0.	2.045E-04	-14038.63	14038.63	No	No
366	0.26249	Lr	0.	3.270E-03	-14402.81	14402.82	No	No
366	0.26249	Lr	2.93	7.193E-04	-16120.87	16120.87	No	No
366	0.26249	Lr	2.93	1.663E-03	-16378.39	16378.39	No	No
366	0.26249	Lr	4.09	9.789E-04	-17090.03	17090.03	No	No
366	0.52498	Lr	-0.19	4.720E-04	-14220.72	14220.72	No	No
366	0.52498	Lr	-4.47	1.801E-03	-11080.1	11080.1	Yes	No
366	0.52498	Lr	-3.12	1.074E-03	-11857.24	11857.24	No	Yes
366	0.52498	Lr	-3.12	2.336E-03	-12142.7	12142.7	No	No
366	0.52498	Lr	0.	2.048E-04	-14018.87	14018.87	No	No
366	0.52498	Lr	0.	3.265E-03	-14422.58	14422.58	No	No
366	0.52498	Lr	2.93	7.114E-04	-16298.75	16298.75	No	No
366	0.52498	Lr	2.93	1.642E-03	-16584.21	16584.21	No	No
366	0.52498	Lr	4.09	9.636E-04	-17361.34	17361.34	No	No
366	0.	Le	-8.433E-02	2.115E-04	-6371.62	6371.62	No	No
366	0.	Le	-2.	7.691E-04	-5207.59	5207.59	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
366	0.	Le	-1.4	4.650E-04	-5497.1	5497.1	No	Yes
366	0.	Le	-1.4	1.017E-03	-5599.95	5599.96	No	No
366	0.	Le	0.	9.148E-05	-6298.89	6298.89	No	No
366	0.	Le	0.	1.467E-03	-6444.35	6444.36	No	No
366	0.	Le	1.31	3.259E-04	-7143.29	7143.29	No	No
366	0.	Le	1.31	7.544E-04	-7246.15	7246.15	No	No
366	0.	Le	1.83	4.457E-04	-7535.66	7535.66	No	No
366	0.26249	Le	-8.433E-02	2.115E-04	-6371.62	6371.62	No	No
366	0.26249	Le	-2.	7.874E-04	-5086.02	5086.03	Yes	No
366	0.26249	Le	-1.4	4.730E-04	-5404.88	5404.88	No	Yes
366	0.26249	Le	-1.4	1.032E-03	-5520.26	5520.26	No	No
366	0.26249	Le	0.	9.161E-05	-6290.04	6290.04	No	No
366	0.26249	Le	0.	1.465E-03	-6453.21	6453.21	No	No
366	0.26249	Le	1.31	3.223E-04	-7222.99	7222.99	No	No
366	0.26249	Le	1.31	7.449E-04	-7338.37	7338.37	No	No
366	0.26249	Le	1.83	4.386E-04	-7657.22	7657.22	No	No
366	0.52498	Le	-8.433E-02	2.115E-04	-6371.62	6371.62	No	No
366	0.52498	Le	-2.	8.067E-04	-4964.46	4964.46	Yes	No
366	0.52498	Le	-1.4	4.812E-04	-5312.66	5312.66	No	Yes
366	0.52498	Le	-1.4	1.047E-03	-5440.56	5440.56	No	No
366	0.52498	Le	0.	9.174E-05	-6281.18	6281.18	No	No
366	0.52498	Le	0.	1.463E-03	-6462.06	6462.06	No	No
366	0.52498	Le	1.31	3.188E-04	-7302.69	7302.69	No	No
366	0.52498	Le	1.31	7.357E-04	-7430.59	7430.59	No	No
366	0.52498	Le	1.83	4.317E-04	-7778.78	7778.78	No	No
367	0.	DEAD	5.63	8954.62	-4.512E-02	8954.65	No	No
367	0.	DEAD	22.19	11617.63	-4.239E-02	11617.65	Yes	No
367	0.	DEAD	14.53	11349.82	-5.878E-02	11349.85	No	No
367	0.	DEAD	14.53	10325.48	-2.085E-02	10325.49	No	Yes
367	0.	DEAD	0.	9679.	-0.13	9679.07	No	No
367	0.	DEAD	0.	8230.29	-9.095E-04	8230.29	No	No
367	0.	DEAD	-8.89	7583.77	-7.058E-02	7583.81	No	No
367	0.	DEAD	-8.89	6559.41	-1.271E-02	6559.41	No	No
367	0.	DEAD	-10.93	6291.59	-1.898E-02	6291.6	No	No
367	0.26249	DEAD	5.63	8967.67	-3.706E-03	8967.67	No	No
367	0.26249	DEAD	22.19	12579.15	-3.915E-02	12579.17	Yes	No
367	0.26249	DEAD	14.53	11615.35	-2.876E-02	11615.36	No	No
367	0.26249	DEAD	14.53	11427.4	-3.176E-02	11427.41	No	No
367	0.26249	DEAD	0.	9100.59	-2.582E-02	9100.61	No	No
367	0.26249	DEAD	0.	8834.8	-3.582E-02	8834.82	No	Yes
367	0.26249	DEAD	-8.89	6508.	-3.107E-02	6508.01	No	No
367	0.26249	DEAD	-8.89	6320.05	-3.655E-02	6320.07	No	No
367	0.26249	DEAD	-10.93	5356.24	-2.229E-02	5356.26	No	No
367	0.52498	DEAD	5.63	8980.81	-5.624E-02	8980.83	No	No
367	0.52498	DEAD	22.19	11385.53	-4.326E-02	11385.55	Yes	No
367	0.52498	DEAD	14.53	10356.97	-2.044E-02	10356.98	No	No
367	0.52498	DEAD	14.53	11005.42	-6.553E-02	11005.45	No	No
367	0.52498	DEAD	0.	8522.27	-3.168E-03	8522.27	No	No
367	0.52498	DEAD	0.	9439.39	-0.16	9439.47	No	Yes
367	0.52498	DEAD	-8.89	6956.16	-1.147E-02	6956.16	No	No
367	0.52498	DEAD	-8.89	7604.62	-7.749E-02	7604.66	No	No
367	0.52498	DEAD	-10.93	6576.03	-1.816E-02	6576.04	No	No
367	0.	Lr	5.61	8871.09	-3.722E-03	8871.1	No	No
367	0.	Lr	22.22	12216.98	-4.041E-02	12217.	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
367	0.	Lr	14.55	11747.18	-2.856E-02	11747.19	No	No
367	0.	Lr	14.55	10726.81	-3.398E-02	10726.82	No	No
367	0.	Lr	0.	9592.63	-2.463E-02	9592.64	No	No
367	0.	Lr	0.	8149.61	-3.908E-02	8149.63	No	Yes
367	0.	Lr	-8.94	7015.44	-2.903E-02	7015.45	No	No
367	0.	Lr	-8.94	5995.07	-3.882E-02	5995.09	No	No
367	0.	Lr	-11.	5525.26	-2.189E-02	5525.28	No	No
367	0.26249	Lr	5.61	8871.09	-3.722E-03	8871.1	No	No
367	0.26249	Lr	22.22	12087.05	-4.085E-02	12087.07	Yes	No
367	0.26249	Lr	14.55	11238.69	-2.985E-02	11238.7	No	No
367	0.26249	Lr	14.55	11051.56	-3.298E-02	11051.58	No	No
367	0.26249	Lr	0.	9003.44	-2.624E-02	9003.45	No	No
367	0.26249	Lr	0.	8738.81	-3.644E-02	8738.82	No	Yes
367	0.26249	Lr	-8.94	6690.69	-3.044E-02	6690.7	No	No
367	0.26249	Lr	-8.94	6503.56	-3.578E-02	6503.58	No	No
367	0.26249	Lr	-11.	5655.19	-2.138E-02	5655.2	No	No
367	0.52498	Lr	5.61	8871.09	-3.722E-03	8871.1	No	No
367	0.52498	Lr	22.22	11957.13	-4.129E-02	11957.15	Yes	No
367	0.52498	Lr	14.55	10730.19	-3.126E-02	10730.21	No	No
367	0.52498	Lr	14.55	11376.31	-3.204E-02	11376.33	No	No
367	0.52498	Lr	0.	8414.24	-2.808E-02	8414.26	No	No
367	0.52498	Lr	0.	9328.	-3.414E-02	9328.02	No	Yes
367	0.52498	Lr	-8.94	6365.94	-3.199E-02	6365.95	No	No
367	0.52498	Lr	-8.94	7012.06	-3.319E-02	7012.07	No	No
367	0.52498	Lr	-11.	5785.12	-2.090E-02	5785.13	No	No
367	0.	Le	2.51	3974.71	-1.668E-03	3974.71	No	No
367	0.	Le	9.96	5473.84	-1.811E-02	5473.85	Yes	No
367	0.	Le	6.52	5263.35	-1.280E-02	5263.35	No	No
367	0.	Le	6.52	4806.17	-1.523E-02	4806.17	No	No
367	0.	Le	0.	4298.	-1.104E-02	4298.	No	No
367	0.	Le	0.	3651.45	-1.751E-02	3651.46	No	Yes
367	0.	Le	-4.	3143.28	-1.301E-02	3143.29	No	No
367	0.	Le	-4.	2686.1	-1.739E-02	2686.11	No	No
367	0.	Le	-4.93	2475.61	-9.806E-03	2475.61	No	No
367	0.26249	Le	2.51	3974.71	-1.668E-03	3974.71	No	No
367	0.26249	Le	9.96	5415.63	-1.830E-02	5415.64	Yes	No
367	0.26249	Le	6.52	5035.51	-1.337E-02	5035.52	No	No
367	0.26249	Le	6.52	4951.67	-1.478E-02	4951.68	No	No
367	0.26249	Le	0.	4034.01	-1.176E-02	4034.01	No	No
367	0.26249	Le	0.	3915.44	-1.633E-02	3915.45	No	Yes
367	0.26249	Le	-4.	2997.77	-1.364E-02	2997.78	No	No
367	0.26249	Le	-4.	2913.93	-1.603E-02	2913.94	No	No
367	0.26249	Le	-4.93	2533.82	-9.581E-03	2533.82	No	No
367	0.52498	Le	2.51	3974.71	-1.668E-03	3974.71	No	No
367	0.52498	Le	9.96	5357.41	-1.850E-02	5357.42	Yes	No
367	0.52498	Le	6.52	4807.68	-1.401E-02	4807.69	No	No
367	0.52498	Le	6.52	5097.18	-1.436E-02	5097.19	No	No
367	0.52498	Le	0.	3770.02	-1.258E-02	3770.02	No	No
367	0.52498	Le	0.	4179.43	-1.530E-02	4179.44	No	Yes
367	0.52498	Le	-4.	2852.27	-1.433E-02	2852.28	No	No
367	0.52498	Le	-4.	3141.77	-1.487E-02	3141.77	No	No
367	0.52498	Le	-4.93	2592.03	-9.366E-03	2592.04	No	No
368	0.	DEAD	-1.01	0.12	-3628.2	3628.26	No	No
368	0.	DEAD	-22.61	0.54	-943.98	944.26	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
368	0.	DEAD	-15.78	0.15	-1838.7	1838.78	No	Yes
368	0.	DEAD	-15.78	0.56	-1621.51	1621.79	No	No
368	0.	DEAD	0.	1.519E-04	-3781.95	3781.95	No	No
368	0.	DEAD	0.	0.52	-3474.73	3474.99	No	No
368	0.	DEAD	14.77	4.289E-02	-5635.24	5635.27	No	No
368	0.	DEAD	14.77	0.16	-5417.76	5417.84	No	No
368	0.	DEAD	20.59	6.718E-02	-6312.78	6312.81	No	No
368	0.26249	DEAD	-1.01	3.077E-04	-3614.99	3614.99	No	No
368	0.26249	DEAD	-22.61	183.13	-2.79	184.55	Yes	No
368	0.26249	DEAD	-15.78	0.49	-965.87	966.12	No	No
368	0.26249	DEAD	-15.78	0.54	-897.73	898.01	No	No
368	0.26249	DEAD	0.	0.12	-3663.33	3663.39	No	Yes
368	0.26249	DEAD	0.	0.13	-3566.91	3566.98	No	No
368	0.26249	DEAD	14.77	7.053E-02	-6332.86	6332.9	No	No
368	0.26249	DEAD	14.77	7.283E-02	-6264.68	6264.72	No	No
368	0.26249	DEAD	20.59	5.723E-02	-7410.38	7410.41	No	No
368	0.52498	DEAD	-1.01	0.11	-3602.02	3602.08	No	No
368	0.52498	DEAD	-22.61	0.6	-851.61	851.91	Yes	No
368	0.52498	DEAD	-15.78	0.55	-1616.67	1616.94	No	No
368	0.52498	DEAD	-15.78	0.16	-1697.51	1697.59	No	No
368	0.52498	DEAD	0.	0.49	-3544.96	3545.21	No	Yes
368	0.52498	DEAD	0.	5.273E-04	-3659.35	3659.35	No	No
368	0.52498	DEAD	14.77	0.16	-5506.62	5506.7	No	No
368	0.52498	DEAD	14.77	4.382E-02	-5587.74	5587.76	No	No
368	0.52498	DEAD	20.59	6.675E-02	-6352.87	6352.9	No	No
368	0.	Lr	-0.99	3.017E-04	-3566.18	3566.18	No	No
368	0.	Lr	-21.97	2.36	-204.85	206.04	Yes	No
368	0.	Lr	-15.33	0.35	-1294.36	1294.54	No	No
368	0.	Lr	-15.33	0.43	-1081.8	1082.01	No	No
368	0.	Lr	0.	0.11	-3716.66	3716.72	No	Yes
368	0.	Lr	0.	0.13	-3415.95	3416.02	No	No
368	0.	Lr	14.35	6.964E-02	-6051.06	6051.1	No	No
368	0.	Lr	14.35	7.381E-02	-5838.42	5838.46	No	No
368	0.	Lr	20.	5.774E-02	-6929.93	6929.96	No	No
368	0.26249	Lr	-0.99	3.017E-04	-3566.18	3566.18	No	No
368	0.26249	Lr	-21.97	2.82	-171.43	172.86	Yes	No
368	0.26249	Lr	-15.33	0.38	-1197.25	1197.44	No	No
368	0.26249	Lr	-15.33	0.41	-1131.01	1131.21	No	No
368	0.26249	Lr	0.	0.12	-3613.17	3613.23	No	Yes
368	0.26249	Lr	0.	0.13	-3519.44	3519.51	No	No
368	0.26249	Lr	14.35	7.021E-02	-6001.83	6001.87	No	No
368	0.26249	Lr	14.35	7.261E-02	-5935.56	5935.59	No	No
368	0.26249	Lr	20.	5.746E-02	-6963.81	6963.84	No	No
368	0.52498	Lr	-0.99	3.017E-04	-3566.18	3566.18	No	No
368	0.52498	Lr	-21.97	3.49	-138.23	140.01	Yes	No
368	0.52498	Lr	-15.33	0.41	-1100.15	1100.35	No	No
368	0.52498	Lr	-15.33	0.39	-1180.22	1180.41	No	No
368	0.52498	Lr	0.	0.12	-3509.67	3509.73	No	Yes
368	0.52498	Lr	0.	0.13	-3622.94	3623.	No	No
368	0.52498	Lr	14.35	7.079E-02	-5952.61	5952.64	No	No
368	0.52498	Lr	14.35	7.144E-02	-6032.7	6032.73	No	No
368	0.52498	Lr	20.	5.718E-02	-6997.68	6997.71	No	No
368	0.	Le	-0.44	1.352E-04	-1597.83	1597.83	No	No
368	0.	Le	-9.85	1.06	-91.78	92.32	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
368	0.	Le	-6.87	0.16	-579.94	580.02	No	No
368	0.	Le	-6.87	0.19	-484.7	484.8	No	No
368	0.	Le	0.	5.149E-02	-1665.26	1665.28	No	Yes
368	0.	Le	0.	5.957E-02	-1530.52	1530.55	No	No
368	0.	Le	6.43	3.120E-02	-2711.19	2711.21	No	No
368	0.	Le	6.43	3.307E-02	-2615.92	2615.93	No	No
368	0.	Le	8.96	2.587E-02	-3104.97	3104.98	No	No
368	0.26249	Le	-0.44	1.352E-04	-1597.83	1597.83	No	No
368	0.26249	Le	-9.85	1.26	-76.81	77.45	Yes	No
368	0.26249	Le	-6.87	0.17	-536.43	536.52	No	No
368	0.26249	Le	-6.87	0.18	-506.75	506.84	No	No
368	0.26249	Le	0.	5.296E-02	-1618.89	1618.91	No	Yes
368	0.26249	Le	0.	5.782E-02	-1576.89	1576.92	No	No
368	0.26249	Le	6.43	3.146E-02	-2689.13	2689.15	No	No
368	0.26249	Le	6.43	3.253E-02	-2659.44	2659.45	No	No
368	0.26249	Le	8.96	2.574E-02	-3120.15	3120.16	No	No
368	0.52498	Le	-0.44	1.352E-04	-1597.83	1597.83	No	No
368	0.52498	Le	-9.85	1.57	-61.93	62.73	Yes	No
368	0.52498	Le	-6.87	0.18	-492.92	493.02	No	No
368	0.52498	Le	-6.87	0.17	-528.8	528.89	No	No
368	0.52498	Le	0.	5.452E-02	-1572.52	1572.54	No	Yes
368	0.52498	Le	0.	5.617E-02	-1623.26	1623.29	No	No
368	0.52498	Le	6.43	3.172E-02	-2667.08	2667.09	No	No
368	0.52498	Le	6.43	3.201E-02	-2702.96	2702.98	No	No
368	0.52498	Le	8.96	2.562E-02	-3135.33	3135.34	No	No
369	0.	DEAD					No	
369	0.	DEAD					No	
369	0.	DEAD					Yes	
369	0.	DEAD					No	
369	0.17	DEAD					No	
369	0.17	DEAD					No	
369	0.17	DEAD					Yes	
369	0.17	DEAD					No	
369	0.34	DEAD					No	
369	0.34	DEAD					No	
369	0.34	DEAD					No	
369	0.34	DEAD					Yes	
369	0.	Lr					No	
369	0.	Lr					No	
369	0.	Lr					Yes	
369	0.	Lr					No	
369	0.17	Lr					No	
369	0.17	Lr					No	
369	0.17	Lr					Yes	
369	0.17	Lr					No	
369	0.34	Lr					No	
369	0.34	Lr					No	
369	0.34	Lr					No	
369	0.34	Lr					Yes	
369	0.	Le					No	
369	0.	Le					No	
369	0.	Le					Yes	
369	0.	Le					No	
369	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
369	0.17	Le					No	
369	0.17	Le					Yes	
369	0.17	Le					No	
369	0.34	Le					No	
369	0.34	Le					No	
369	0.34	Le					No	
369	0.34	Le					Yes	
36A	0.	DEAD					No	
36A	0.	DEAD					No	
36A	0.	DEAD					Yes	
36A	0.	DEAD					No	
36A	0.17	DEAD					No	
36A	0.17	DEAD					No	
36A	0.17	DEAD					No	
36A	0.17	DEAD					Yes	
36A	0.34	DEAD					No	
36A	0.34	DEAD					No	
36A	0.34	DEAD					No	
36A	0.34	DEAD					Yes	
36A	0.	Lr					No	
36A	0.	Lr					No	
36A	0.	Lr					Yes	
36A	0.	Lr					No	
36A	0.17	Lr					No	
36A	0.17	Lr					No	
36A	0.17	Lr					No	
36A	0.17	Lr					Yes	
36A	0.34	Lr					No	
36A	0.34	Lr					No	
36A	0.34	Lr					No	
36A	0.34	Lr					Yes	
36A	0.	Le					No	
36A	0.	Le					No	
36A	0.	Le					Yes	
36A	0.	Le					No	
36A	0.17	Le					No	
36A	0.17	Le					No	
36A	0.17	Le					No	
36A	0.17	Le					Yes	
36A	0.34	Le					No	
36A	0.34	Le					No	
36A	0.34	Le					No	
36A	0.34	Le					Yes	
36B	0.	DEAD					No	
36B	0.	DEAD					No	
36B	0.	DEAD					Yes	
36B	0.	DEAD					No	
36B	0.17	DEAD					No	
36B	0.17	DEAD					No	
36B	0.17	DEAD					No	
36B	0.17	DEAD					Yes	
36B	0.34	DEAD					No	
36B	0.34	DEAD					No	
36B	0.34	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
36B	0.34	DEAD					Yes	
36B	0.	Lr					No	
36B	0.	Lr					No	
36B	0.	Lr					Yes	
36B	0.	Lr					No	
36B	0.17	Lr					No	
36B	0.17	Lr					No	
36B	0.17	Lr					No	
36B	0.17	Lr					Yes	
36B	0.34	Lr					No	
36B	0.34	Lr					No	
36B	0.34	Lr					No	
36B	0.34	Lr					Yes	
36B	0.	Le					No	
36B	0.	Le					No	
36B	0.	Le					Yes	
36B	0.	Le					No	
36B	0.17	Le					No	
36B	0.17	Le					No	
36B	0.17	Le					No	
36B	0.17	Le					Yes	
36B	0.34	Le					No	
36B	0.34	Le					No	
36B	0.34	Le					No	
36B	0.34	Le					Yes	
36C	0.	DEAD					No	
36C	0.	DEAD					No	
36C	0.	DEAD					Yes	
36C	0.	DEAD					No	
36C	0.17	DEAD					No	
36C	0.17	DEAD					No	
36C	0.17	DEAD					No	
36C	0.17	DEAD					Yes	
36C	0.34	DEAD					No	
36C	0.34	DEAD					No	
36C	0.34	DEAD					No	
36C	0.34	DEAD					Yes	
36C	0.	Lr					No	
36C	0.	Lr					No	
36C	0.	Lr					Yes	
36C	0.	Lr					No	
36C	0.17	Lr					No	
36C	0.17	Lr					No	
36C	0.17	Lr					No	
36C	0.17	Lr					Yes	
36C	0.34	Lr					No	
36C	0.34	Lr					No	
36C	0.34	Lr					No	
36C	0.34	Lr					Yes	
36C	0.	Le					No	
36C	0.	Le					No	
36C	0.	Le					Yes	
36C	0.	Le					No	
36C	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
36C	0.17	Le					No	
36C	0.17	Le					No	
36C	0.17	Le					Yes	
36C	0.34	Le					No	
36C	0.34	Le					No	
36C	0.34	Le					No	
36C	0.34	Le					Yes	
36D	0.	DEAD					No	
36D	0.	DEAD					No	
36D	0.	DEAD					Yes	
36D	0.	DEAD					No	
36D	0.17	DEAD					No	
36D	0.17	DEAD					Yes	
36D	0.17	DEAD					No	
36D	0.17	DEAD					No	
36D	0.34	DEAD					No	
36D	0.34	DEAD					No	
36D	0.34	DEAD					No	
36D	0.34	DEAD					Yes	
36D	0.	Lr					No	
36D	0.	Lr					No	
36D	0.	Lr					Yes	
36D	0.	Lr					No	
36D	0.17	Lr					No	
36D	0.17	Lr					Yes	
36D	0.17	Lr					No	
36D	0.17	Lr					No	
36D	0.34	Lr					No	
36D	0.34	Lr					No	
36D	0.34	Lr					No	
36D	0.34	Lr					Yes	
36D	0.	Le					No	
36D	0.	Le					No	
36D	0.	Le					Yes	
36D	0.	Le					No	
36D	0.17	Le					No	
36D	0.17	Le					Yes	
36D	0.17	Le					No	
36D	0.17	Le					No	
36D	0.34	Le					No	
36D	0.34	Le					No	
36D	0.34	Le					No	
36D	0.34	Le					Yes	
36E	0.	DEAD					No	
36E	0.	DEAD					No	
36E	0.	DEAD					Yes	
36E	0.	DEAD					No	
36E	0.17	DEAD					No	
36E	0.17	DEAD					No	
36E	0.17	DEAD					No	
36E	0.17	DEAD					Yes	
36E	0.34	DEAD					No	
36E	0.34	DEAD					No	
36E	0.34	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
36E	0.34	DEAD					Yes	
36E	0.	Lr					No	
36E	0.	Lr					No	
36E	0.	Lr					Yes	
36E	0.	Lr					No	
36E	0.17	Lr					No	
36E	0.17	Lr					No	
36E	0.17	Lr					No	
36E	0.17	Lr					Yes	
36E	0.34	Lr					No	
36E	0.34	Lr					No	
36E	0.34	Lr					No	
36E	0.34	Lr					Yes	
36E	0.	Le					No	
36E	0.	Le					No	
36E	0.	Le					Yes	
36E	0.	Le					No	
36E	0.17	Le					No	
36E	0.17	Le					No	
36E	0.17	Le					No	
36E	0.17	Le					Yes	
36E	0.34	Le					No	
36E	0.34	Le					No	
36E	0.34	Le					No	
36E	0.34	Le					Yes	
36F	0.	DEAD	-1.38	0.23	-1816.8	1816.91	No	No
36F	0.	DEAD	32.66	914.21	-1.17	914.79	Yes	No
36F	0.	DEAD	23.38	95.87	-18.02	106.03	No	No
36F	0.	DEAD	23.38	154.05	-4.78	156.5	No	Yes
36F	0.	DEAD	0.	1.6	-1868.67	1869.47	No	No
36F	0.	DEAD	0.	0.1	-1766.15	1766.2	No	No
36F	0.	DEAD	-24.75	0.47	-3782.87	3783.11	No	No
36F	0.	DEAD	-24.75	0.22	-3711.18	3711.29	No	No
36F	0.	DEAD	-35.41	0.28	-4546.44	4546.58	No	No
36F	0.26249	DEAD	-1.38	1.052E-03	-1803.48	1803.48	No	No
36F	0.26249	DEAD	32.66	2012.26	-0.53	2012.53	Yes	No
36F	0.26249	DEAD	23.38	961.85	-1.17	962.44	No	No
36F	0.26249	DEAD	23.38	829.24	-1.36	829.92	No	No
36F	0.26249	DEAD	0.	0.68	-1710.26	1710.6	No	No
36F	0.26249	DEAD	0.	0.61	-1897.98	1898.29	No	Yes
36F	0.26249	DEAD	-24.75	0.27	-4435.11	4435.24	No	No
36F	0.26249	DEAD	-24.75	0.26	-4567.89	4568.02	No	No
36F	0.26249	DEAD	-35.41	0.22	-5618.91	5619.02	No	No
36F	0.52498	DEAD	-1.38	0.23	-1790.62	1790.74	No	No
36F	0.52498	DEAD	32.66	956.4	-1.12	956.96	Yes	No
36F	0.52498	DEAD	23.38	321.9	-2.29	323.05	No	No
36F	0.52498	DEAD	23.38	33.7	-51.11	73.96	No	No
36F	0.52498	DEAD	0.	0.12	-1552.2	1552.26	No	No
36F	0.52498	DEAD	0.	1.46	-2030.16	2030.89	No	Yes
36F	0.52498	DEAD	-24.75	0.23	-3563.59	3563.7	No	No
36F	0.52498	DEAD	-24.75	0.46	-3900.84	3901.07	No	No
36F	0.52498	DEAD	-35.41	0.28	-4536.34	4536.48	No	No
36F	0.	Lr	-1.38	1.065E-03	-1791.28	1791.28	No	No
36F	0.	Lr	31.39	1614.77	-0.61	1615.08	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
36F	0.	Lr	22.48	581.1	-1.8	582.	No	No
36F	0.	Lr	22.48	655.75	-1.59	656.55	No	No
36F	0.	Lr	0.	0.59	-1844.8	1845.09	No	No
36F	0.	Lr	0.	0.61	-1738.95	1739.26	No	Yes
36F	0.	Lr	-23.86	0.26	-4236.98	4237.11	No	No
36F	0.	Lr	-23.86	0.27	-4162.11	4162.25	No	No
36F	0.	Lr	-34.14	0.22	-5196.94	5197.05	No	No
36F	0.26249	Lr	-1.38	1.065E-03	-1791.28	1791.28	No	No
36F	0.26249	Lr	31.39	1625.07	-0.61	1625.37	Yes	No
36F	0.26249	Lr	22.48	690.4	-1.51	691.16	No	No
36F	0.26249	Lr	22.48	561.	-1.85	561.93	No	No
36F	0.26249	Lr	0.	0.64	-1700.17	1700.49	No	No
36F	0.26249	Lr	0.	0.57	-1883.58	1883.87	No	Yes
36F	0.26249	Lr	-23.86	0.27	-4141.96	4142.1	No	No
36F	0.26249	Lr	-23.86	0.26	-4271.7	4271.83	No	No
36F	0.26249	Lr	-34.14	0.22	-5207.24	5207.35	No	No
36F	0.52498	Lr	-1.38	1.065E-03	-1791.28	1791.28	No	No
36F	0.52498	Lr	31.39	1635.37	-0.6	1635.67	Yes	No
36F	0.52498	Lr	22.48	799.78	-1.31	800.44	No	No
36F	0.52498	Lr	22.48	466.36	-2.23	467.47	No	No
36F	0.52498	Lr	0.	0.69	-1555.55	1555.89	No	No
36F	0.52498	Lr	0.	0.53	-2028.22	2028.49	No	Yes
36F	0.52498	Lr	-23.86	0.27	-4046.95	4047.09	No	No
36F	0.52498	Lr	-23.86	0.25	-4381.28	4381.41	No	No
36F	0.52498	Lr	-34.14	0.22	-5217.54	5217.65	No	No
36F	0.	Le	-0.62	4.774E-04	-802.58	802.58	No	No
36F	0.	Le	14.06	723.5	-0.27	723.64	Yes	No
36F	0.	Le	10.07	260.36	-0.81	260.77	No	No
36F	0.	Le	10.07	293.81	-0.71	294.17	No	No
36F	0.	Le	0.	0.26	-826.57	826.7	No	No
36F	0.	Le	0.	0.27	-779.14	779.28	No	Yes
36F	0.	Le	-10.69	0.12	-1898.39	1898.44	No	No
36F	0.	Le	-10.69	0.12	-1864.84	1864.9	No	No
36F	0.	Le	-15.3	0.1	-2328.5	2328.55	No	No
36F	0.26249	Le	-0.62	4.774E-04	-802.58	802.58	No	No
36F	0.26249	Le	14.06	728.12	-0.27	728.25	Yes	No
36F	0.26249	Le	10.07	309.34	-0.68	309.68	No	No
36F	0.26249	Le	10.07	251.36	-0.83	251.77	No	No
36F	0.26249	Le	0.	0.28	-761.76	761.91	No	No
36F	0.26249	Le	0.	0.25	-843.94	844.07	No	Yes
36F	0.26249	Le	-10.69	0.12	-1855.81	1855.87	No	No
36F	0.26249	Le	-10.69	0.12	-1913.94	1914.	No	No
36F	0.26249	Le	-15.3	0.1	-2333.11	2333.16	No	No
36F	0.52498	Le	-0.62	4.774E-04	-802.58	802.58	No	No
36F	0.52498	Le	14.06	732.73	-0.27	732.86	Yes	No
36F	0.52498	Le	10.07	358.34	-0.59	358.64	No	No
36F	0.52498	Le	10.07	208.95	-1.	209.45	No	No
36F	0.52498	Le	0.	0.31	-696.97	697.12	No	No
36F	0.52498	Le	0.	0.24	-908.75	908.87	No	Yes
36F	0.52498	Le	-10.69	0.12	-1813.24	1813.3	No	No
36F	0.52498	Le	-10.69	0.11	-1963.04	1963.1	No	No
36F	0.52498	Le	-15.3	0.1	-2337.73	2337.78	No	No
370	0.	DEAD	0.67	7146.98	-5.320E-02	7147.	No	No
370	0.	DEAD	-16.57	9870.	-2.782E-02	9870.01	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
370	0.	DEAD	-11.85	9090.98	-1.611E-02	9090.99	No	Yes
370	0.	DEAD	-11.85	9053.92	-6.864E-02	9053.95	No	No
370	0.	DEAD	0.	7173.17	-7.075E-04	7173.17	No	No
370	0.	DEAD	0.	7120.87	-0.19	7120.96	No	No
370	0.	DEAD	12.52	5240.03	-3.105E-02	5240.05	No	No
370	0.	DEAD	12.52	5203.01	-0.12	5203.07	No	No
370	0.	DEAD	17.9	4423.95	-7.243E-02	4423.99	No	No
370	0.26249	DEAD	0.67	7160.01	-2.126E-04	7160.01	No	No
370	0.26249	DEAD	-16.57	10851.58	-2.530E-02	10851.59	Yes	No
370	0.26249	DEAD	-11.85	9739.51	-3.100E-02	9739.53	No	No
370	0.26249	DEAD	-11.85	9801.19	-2.823E-02	9801.21	No	No
370	0.26249	DEAD	0.	7116.44	-4.692E-02	7116.46	No	Yes
370	0.26249	DEAD	0.	7203.66	-3.641E-02	7203.68	No	No
370	0.26249	DEAD	12.52	4518.93	-7.041E-02	4518.96	No	No
370	0.26249	DEAD	12.52	4580.6	-6.393E-02	4580.63	No	No
370	0.26249	DEAD	17.9	3468.56	-9.237E-02	3468.61	No	No
370	0.52498	DEAD	0.67	7173.16	-6.489E-02	7173.19	No	No
370	0.52498	DEAD	-16.57	9678.02	-2.837E-02	9678.03	Yes	No
370	0.52498	DEAD	-11.85	8864.16	-7.537E-02	8864.2	No	No
370	0.52498	DEAD	-11.85	9024.58	-1.579E-02	9024.59	No	No
370	0.52498	DEAD	0.	7059.83	-0.21	7059.94	No	Yes
370	0.52498	DEAD	0.	7286.58	-2.574E-03	7286.58	No	No
370	0.52498	DEAD	12.52	5321.75	-0.13	5321.82	No	No
370	0.52498	DEAD	12.52	5482.14	-2.895E-02	5482.15	No	No
370	0.52498	DEAD	17.9	4668.27	-6.863E-02	4668.3	No	No
370	0.	Lr	0.59	7085.2	-2.034E-04	7085.2	No	No
370	0.	Lr	-16.84	10490.74	-2.703E-02	10490.75	Yes	No
370	0.	Lr	-12.03	9504.95	-3.258E-02	9504.97	No	No
370	0.	Lr	-12.03	9481.63	-2.995E-02	9481.65	No	No
370	0.	Lr	0.	7101.73	-4.805E-02	7101.76	No	Yes
370	0.	Lr	0.	7068.75	-3.797E-02	7068.77	No	No
370	0.	Lr	12.62	4688.86	-6.915E-02	4688.9	No	No
370	0.	Lr	12.62	4665.54	-6.397E-02	4665.57	No	No
370	0.	Lr	18.02	3679.77	-8.822E-02	3679.82	No	No
370	0.26249	Lr	0.59	7085.2	-2.034E-04	7085.2	No	No
370	0.26249	Lr	-16.84	10380.94	-2.731E-02	10380.96	Yes	No
370	0.26249	Lr	-12.03	9383.53	-3.301E-02	9383.55	No	No
370	0.26249	Lr	-12.03	9447.78	-3.005E-02	9447.79	No	No
370	0.26249	Lr	0.	7039.81	-4.848E-02	7039.84	No	Yes
370	0.26249	Lr	0.	7130.67	-3.764E-02	7130.69	No	No
370	0.26249	Lr	12.62	4722.72	-6.866E-02	4722.75	No	No
370	0.26249	Lr	12.62	4786.96	-6.235E-02	4786.99	No	No
370	0.26249	Lr	18.02	3789.57	-8.566E-02	3789.61	No	No
370	0.52498	Lr	0.59	7085.2	-2.034E-04	7085.2	No	No
370	0.52498	Lr	-16.84	10271.15	-2.760E-02	10271.16	Yes	No
370	0.52498	Lr	-12.03	9262.11	-3.344E-02	9262.12	No	No
370	0.52498	Lr	-12.03	9413.92	-3.016E-02	9413.94	No	No
370	0.52498	Lr	0.	6977.9	-4.891E-02	6977.92	No	Yes
370	0.52498	Lr	0.	7192.59	-3.731E-02	7192.61	No	No
370	0.52498	Lr	12.62	4756.57	-6.817E-02	4756.6	No	No
370	0.52498	Lr	12.62	4908.38	-6.081E-02	4908.41	No	No
370	0.52498	Lr	18.02	3899.36	-8.325E-02	3899.4	No	No
370	0.	Le	0.26	3174.54	-9.115E-05	3174.54	No	No
370	0.	Le	-7.54	4700.4	-1.211E-02	4700.4	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
370	0.	Le	-5.39	4258.71	-1.460E-02	4258.72	No	No
370	0.	Le	-5.39	4248.26	-1.342E-02	4248.27	No	No
370	0.	Le	0.	3181.94	-2.153E-02	3181.96	No	Yes
370	0.	Le	0.	3167.17	-1.701E-02	3167.18	No	No
370	0.	Le	5.65	2100.85	-3.098E-02	2100.87	No	No
370	0.	Le	5.65	2090.4	-2.866E-02	2090.42	No	No
370	0.	Le	8.07	1648.73	-3.953E-02	1648.75	No	No
370	0.26249	Le	0.26	3174.54	-9.115E-05	3174.54	No	No
370	0.26249	Le	-7.54	4651.2	-1.224E-02	4651.21	Yes	No
370	0.26249	Le	-5.39	4204.31	-1.479E-02	4204.32	No	No
370	0.26249	Le	-5.39	4233.1	-1.347E-02	4233.1	No	No
370	0.26249	Le	0.	3154.2	-2.172E-02	3154.21	No	Yes
370	0.26249	Le	0.	3194.91	-1.686E-02	3194.92	No	No
370	0.26249	Le	5.65	2116.02	-3.076E-02	2116.04	No	No
370	0.26249	Le	5.65	2144.81	-2.794E-02	2144.82	No	No
370	0.26249	Le	8.07	1697.92	-3.838E-02	1697.94	No	No
370	0.52498	Le	0.26	3174.54	-9.115E-05	3174.54	No	No
370	0.52498	Le	-7.54	4602.01	-1.237E-02	4602.01	Yes	No
370	0.52498	Le	-5.39	4149.91	-1.498E-02	4149.91	No	No
370	0.52498	Le	-5.39	4217.93	-1.351E-02	4217.93	No	No
370	0.52498	Le	0.	3126.46	-2.191E-02	3126.47	No	Yes
370	0.52498	Le	0.	3222.65	-1.672E-02	3222.66	No	No
370	0.52498	Le	5.65	2131.19	-3.054E-02	2131.21	No	No
370	0.52498	Le	5.65	2199.21	-2.724E-02	2199.22	No	No
370	0.52498	Le	8.07	1747.12	-3.730E-02	1747.13	No	No
371	0.	DEAD	-8.41	4.593E-02	-12590.37	12590.4	No	No
371	0.	DEAD	15.52	2.299E-02	-10480.14	10480.15	No	No
371	0.	DEAD	12.72	8.157E-02	-11721.77	11721.81	No	No
371	0.	DEAD	12.72	1.850E-02	-10474.69	10474.7	Yes	Yes
371	0.	DEAD	0.	0.16	-13472.26	13472.34	No	No
371	0.	DEAD	0.	1.678E-04	-11708.56	11708.56	No	No
371	0.	DEAD	-21.12	8.437E-02	-14706.07	14706.11	No	No
371	0.	DEAD	-21.12	3.553E-02	-13459.	13459.02	No	No
371	0.	DEAD	-32.34	7.113E-02	-14700.61	14700.65	No	No
371	0.26249	DEAD	-8.41	5.938E-03	-12577.25	12577.25	No	No
371	0.26249	DEAD	15.52	2.625E-02	-9179.21	9179.22	Yes	No
371	0.26249	DEAD	12.72	4.747E-02	-10173.86	10173.88	No	No
371	0.26249	DEAD	12.72	4.080E-02	-10175.13	10175.15	No	No
371	0.26249	DEAD	0.	5.348E-02	-12576.39	12576.42	No	No
371	0.26249	DEAD	0.	3.823E-02	-12578.19	12578.21	No	Yes
371	0.26249	DEAD	-21.12	5.124E-02	-14979.45	14979.47	No	No
371	0.26249	DEAD	-21.12	4.671E-02	-14980.72	14980.74	No	No
371	0.26249	DEAD	-32.34	6.546E-02	-15975.37	15975.4	No	No
371	0.52498	DEAD	-8.41	3.293E-02	-12564.19	12564.21	No	No
371	0.52498	DEAD	15.52	2.402E-02	-10033.41	10033.43	Yes	No
371	0.52498	DEAD	12.72	2.172E-02	-10149.87	10149.88	No	No
371	0.52498	DEAD	12.72	7.433E-02	-11399.5	11399.53	No	No
371	0.52498	DEAD	0.	2.503E-03	-11680.58	11680.58	No	No
371	0.52498	DEAD	0.	0.13	-13447.87	13447.94	No	Yes
371	0.52498	DEAD	-21.12	3.678E-02	-13728.93	13728.95	No	No
371	0.52498	DEAD	-21.12	7.556E-02	-14978.54	14978.58	No	No
371	0.52498	DEAD	-32.34	6.927E-02	-15094.99	15095.03	No	No
371	0.	Lr	-8.34	5.912E-03	-12441.26	12441.26	No	No
371	0.	Lr	14.46	2.167E-02	-9648.27	9648.28	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
371	0.	Lr	11.95	3.933E-02	-11085.71	11085.73	No	No
371	0.	Lr	11.95	3.773E-02	-9846.97	9846.99	No	No
371	0.	Lr	0.	4.618E-02	-13317.22	13317.24	No	No
371	0.	Lr	0.	3.741E-02	-11565.37	11565.39	No	Yes
371	0.	Lr	-20.29	4.688E-02	-15035.62	15035.64	No	No
371	0.	Lr	-20.29	4.642E-02	-13796.88	13796.9	No	No
371	0.	Lr	-31.14	6.365E-02	-15234.32	15234.35	No	No
371	0.26249	Lr	-8.34	5.912E-03	-12441.26	12441.26	No	No
371	0.26249	Lr	14.46	2.215E-02	-9438.37	9438.39	Yes	No
371	0.26249	Lr	11.95	4.226E-02	-10318.1	10318.12	No	No
371	0.26249	Lr	11.95	3.601E-02	-10317.74	10317.75	No	No
371	0.26249	Lr	0.	4.943E-02	-12441.56	12441.58	No	No
371	0.26249	Lr	0.	3.478E-02	-12441.03	12441.05	No	Yes
371	0.26249	Lr	-20.29	4.840E-02	-14564.85	14564.87	No	No
371	0.26249	Lr	-20.29	4.397E-02	-14564.48	14564.51	No	No
371	0.26249	Lr	-31.14	6.279E-02	-15444.21	15444.24	No	No
371	0.52498	Lr	-8.34	5.912E-03	-12441.26	12441.26	No	No
371	0.52498	Lr	14.46	2.266E-02	-9228.48	9228.49	Yes	No
371	0.52498	Lr	11.95	4.565E-02	-9550.5	9550.52	No	No
371	0.52498	Lr	11.95	3.444E-02	-10788.5	10788.52	No	No
371	0.52498	Lr	0.	5.317E-02	-11565.89	11565.92	No	No
371	0.52498	Lr	0.	3.249E-02	-13316.69	13316.71	No	Yes
371	0.52498	Lr	-20.29	5.002E-02	-14094.08	14094.11	No	No
371	0.52498	Lr	-20.29	4.177E-02	-15332.09	15332.11	No	No
371	0.52498	Lr	-31.14	6.195E-02	-15654.11	15654.14	No	No
371	0.	Le	-3.74	2.649E-03	-5574.33	5574.33	No	No
371	0.	Le	6.48	9.710E-03	-4322.93	4322.93	Yes	No
371	0.	Le	5.36	1.762E-02	-4966.97	4966.98	No	No
371	0.	Le	5.36	1.691E-02	-4411.95	4411.96	No	No
371	0.	Le	0.	2.069E-02	-5966.81	5966.82	No	No
371	0.	Le	0.	1.676E-02	-5181.89	5181.89	No	Yes
371	0.	Le	-9.09	2.101E-02	-6736.74	6736.75	No	No
371	0.	Le	-9.09	2.080E-02	-6181.72	6181.73	No	No
371	0.	Le	-13.95	2.852E-02	-6825.76	6825.78	No	No
371	0.26249	Le	-3.74	2.649E-03	-5574.33	5574.33	No	No
371	0.26249	Le	6.48	9.926E-03	-4228.88	4228.89	Yes	No
371	0.26249	Le	5.36	1.893E-02	-4623.05	4623.06	No	No
371	0.26249	Le	5.36	1.613E-02	-4622.88	4622.89	No	No
371	0.26249	Le	0.	2.215E-02	-5574.46	5574.47	No	No
371	0.26249	Le	0.	1.558E-02	-5574.23	5574.24	No	Yes
371	0.26249	Le	-9.09	2.169E-02	-6525.81	6525.82	No	No
371	0.26249	Le	-9.09	1.970E-02	-6525.65	6525.65	No	No
371	0.26249	Le	-13.95	2.813E-02	-6919.81	6919.82	No	No
371	0.52498	Le	-3.74	2.649E-03	-5574.33	5574.33	No	No
371	0.52498	Le	6.48	1.015E-02	-4134.84	4134.84	Yes	No
371	0.52498	Le	5.36	2.045E-02	-4279.12	4279.13	No	No
371	0.52498	Le	5.36	1.543E-02	-4833.81	4833.82	No	No
371	0.52498	Le	0.	2.382E-02	-5182.12	5182.13	No	No
371	0.52498	Le	0.	1.456E-02	-5966.57	5966.58	No	Yes
371	0.52498	Le	-9.09	2.241E-02	-6314.88	6314.89	No	No
371	0.52498	Le	-9.09	1.872E-02	-6869.57	6869.58	No	No
371	0.52498	Le	-13.95	2.775E-02	-7013.85	7013.87	No	No
372	0.	DEAD	1.01	17923.79	-1.748E-02	17923.8	No	No
372	0.	DEAD	-20.12	20153.16	-2.008E-02	20153.17	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
372	0.	DEAD	-14.43	19489.17	-1.260E-02	19489.18	No	Yes
372	0.	DEAD	-14.43	19511.22	-3.965E-02	19511.24	No	No
372	0.	DEAD	0.	17908.2	-6.662E-04	17908.2	No	No
372	0.	DEAD	0.	17939.43	-8.392E-02	17939.47	No	No
372	0.	DEAD	15.44	16336.38	-1.688E-02	16336.38	No	No
372	0.	DEAD	15.44	16358.44	-4.914E-02	16358.46	No	No
372	0.	DEAD	22.14	15694.44	-3.123E-02	15694.45	No	No
372	0.26249	DEAD	1.01	17936.86	-5.107E-04	17936.86	No	No
372	0.26249	DEAD	-20.12	20944.28	-1.932E-02	20944.29	Yes	No
372	0.26249	DEAD	-14.43	19977.38	-2.384E-02	19977.4	No	No
372	0.26249	DEAD	-14.43	20149.49	-1.940E-02	20149.5	No	No
372	0.26249	DEAD	0.	17815.19	-3.228E-02	17815.21	No	Yes
372	0.26249	DEAD	0.	18058.58	-1.849E-02	18058.59	No	No
372	0.26249	DEAD	15.44	15724.28	-3.220E-02	15724.29	No	No
372	0.26249	DEAD	15.44	15896.38	-2.649E-02	15896.39	No	No
372	0.26249	DEAD	22.14	14929.48	-3.283E-02	14929.5	No	No
372	0.52498	DEAD	1.01	17949.97	-3.051E-02	17949.99	No	No
372	0.52498	DEAD	-20.12	19580.27	-2.067E-02	19580.28	Yes	No
372	0.52498	DEAD	-14.43	18941.7	-4.843E-02	18941.72	No	No
372	0.52498	DEAD	-14.43	19263.85	-1.136E-02	19263.86	No	No
372	0.52498	DEAD	0.	17722.23	-0.11	17722.29	No	Yes
372	0.52498	DEAD	0.	18177.77	-2.788E-04	18177.77	No	No
372	0.52498	DEAD	15.44	16636.1	-5.696E-02	16636.13	No	No
372	0.52498	DEAD	15.44	16958.25	-1.469E-02	16958.26	No	No
372	0.52498	DEAD	22.14	16319.67	-3.003E-02	16319.68	No	No
372	0.	Lr	0.94	17738.14	-5.030E-04	17738.14	No	No
372	0.	Lr	-20.64	20655.01	-2.063E-02	20655.02	Yes	No
372	0.	Lr	-14.79	19783.09	-2.512E-02	19783.1	No	No
372	0.	Lr	-14.79	19818.29	-2.071E-02	19818.3	No	No
372	0.	Lr	0.	17713.28	-3.366E-02	17713.29	No	Yes
372	0.	Lr	0.	17763.06	-1.978E-02	17763.07	No	No
372	0.	Lr	15.73	15658.04	-3.356E-02	15658.06	No	No
372	0.	Lr	15.73	15693.24	-2.797E-02	15693.26	No	No
372	0.	Lr	22.52	14821.32	-3.421E-02	14821.34	No	No
372	0.26249	Lr	0.94	17738.14	-5.030E-04	17738.14	No	No
372	0.26249	Lr	-20.64	20357.18	-2.094E-02	20357.19	Yes	No
372	0.26249	Lr	-14.79	19503.	-2.548E-02	19503.01	No	No
372	0.26249	Lr	-14.79	19677.18	-2.085E-02	19677.19	No	No
372	0.26249	Lr	0.	17615.	-3.384E-02	17615.02	No	Yes
372	0.26249	Lr	0.	17861.33	-1.967E-02	17861.34	No	No
372	0.26249	Lr	15.73	15799.15	-3.326E-02	15799.17	No	No
372	0.26249	Lr	15.73	15973.33	-2.748E-02	15973.35	No	No
372	0.26249	Lr	22.52	15119.15	-3.353E-02	15119.17	No	No
372	0.52498	Lr	0.94	17738.14	-5.030E-04	17738.14	No	No
372	0.52498	Lr	-20.64	20059.35	-2.125E-02	20059.36	Yes	No
372	0.52498	Lr	-14.79	19222.91	-2.585E-02	19222.93	No	No
372	0.52498	Lr	-14.79	19536.07	-2.101E-02	19536.08	No	No
372	0.52498	Lr	0.	17516.73	-3.403E-02	17516.75	No	Yes
372	0.52498	Lr	0.	17959.6	-1.956E-02	17959.61	No	No
372	0.52498	Lr	15.73	15940.26	-3.297E-02	15940.28	No	No
372	0.52498	Lr	15.73	16253.42	-2.701E-02	16253.43	No	No
372	0.52498	Lr	22.52	15416.98	-3.288E-02	15417.	No	No
372	0.	Le	0.42	7947.61	-2.254E-04	7947.61	No	No
372	0.	Le	-9.25	9254.52	-9.245E-03	9254.52	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
372	0.	Le	-6.63	8863.85	-1.125E-02	8863.86	No	No
372	0.	Le	-6.63	8879.62	-9.277E-03	8879.63	No	No
372	0.	Le	0.	7936.47	-1.508E-02	7936.48	No	Yes
372	0.	Le	0.	7958.77	-8.862E-03	7958.78	No	No
372	0.	Le	7.05	7015.62	-1.504E-02	7015.62	No	No
372	0.	Le	7.05	7031.39	-1.253E-02	7031.4	No	No
372	0.	Le	10.09	6640.72	-1.533E-02	6640.73	No	No
372	0.26249	Le	0.42	7947.61	-2.254E-04	7947.61	No	No
372	0.26249	Le	-9.25	9121.08	-9.380E-03	9121.08	Yes	No
372	0.26249	Le	-6.63	8738.36	-1.142E-02	8738.36	No	No
372	0.26249	Le	-6.63	8816.4	-9.344E-03	8816.4	No	No
372	0.26249	Le	0.	7892.44	-1.516E-02	7892.44	No	Yes
372	0.26249	Le	0.	8002.8	-8.813E-03	8002.81	No	No
372	0.26249	Le	7.05	7078.84	-1.490E-02	7078.85	No	No
372	0.26249	Le	7.05	7156.88	-1.231E-02	7156.89	No	No
372	0.26249	Le	10.09	6774.16	-1.502E-02	6774.17	No	No
372	0.52498	Le	0.42	7947.61	-2.254E-04	7947.61	No	No
372	0.52498	Le	-9.25	8987.63	-9.519E-03	8987.64	Yes	No
372	0.52498	Le	-6.63	8612.86	-1.158E-02	8612.87	No	No
372	0.52498	Le	-6.63	8753.18	-9.411E-03	8753.18	No	No
372	0.52498	Le	0.	7848.41	-1.525E-02	7848.41	No	Yes
372	0.52498	Le	0.	8046.83	-8.765E-03	8046.84	No	No
372	0.52498	Le	7.05	7142.06	-1.477E-02	7142.07	No	No
372	0.52498	Le	7.05	7282.38	-1.210E-02	7282.38	No	No
372	0.52498	Le	10.09	6907.61	-1.473E-02	6907.62	No	No
373	0.	DEAD	-16.33	3.761E-02	-23359.11	23359.13	No	No
373	0.	DEAD	-4.47	8.885E-04	-22514.07	22514.07	No	Yes
373	0.	DEAD	0.22	1.788E-02	-24088.87	24088.88	No	No
373	0.	DEAD	0.22	7.415E-04	-21434.27	21434.27	Yes	No
373	0.	DEAD	0.	5.306E-02	-25236.2	25236.23	No	No
373	0.	DEAD	0.	7.714E-03	-21482.	21482.	No	No
373	0.	DEAD	-16.55	2.787E-02	-25283.9	25283.92	No	No
373	0.	DEAD	-16.55	1.281E-02	-22629.3	22629.31	No	No
373	0.	DEAD	-28.19	3.284E-02	-24204.11	24204.13	No	No
373	0.26249	DEAD	-16.33	1.218E-02	-23346.	23346.	No	No
373	0.26249	DEAD	-4.47	9.534E-04	-20981.75	20981.75	Yes	No
373	0.26249	DEAD	0.22	5.052E-03	-21788.99	21788.99	No	No
373	0.26249	DEAD	0.22	1.833E-03	-21559.46	21559.46	No	No
373	0.26249	DEAD	0.	1.098E-02	-23508.3	23508.3	No	No
373	0.26249	DEAD	0.	2.526E-03	-23183.69	23183.69	No	Yes
373	0.26249	DEAD	-16.55	1.528E-02	-25132.53	25132.54	No	No
373	0.26249	DEAD	-16.55	1.259E-02	-24903.	24903.01	No	No
373	0.26249	DEAD	-28.19	3.091E-02	-25710.25	25710.27	No	No
373	0.52498	DEAD	-16.33	2.285E-02	-23332.92	23332.94	No	No
373	0.52498	DEAD	-4.47	9.260E-04	-21604.58	21604.58	No	No
373	0.52498	DEAD	0.22	4.730E-06	-21013.02	21013.02	Yes	No
373	0.52498	DEAD	0.22	1.180E-02	-23208.57	23208.58	No	No
373	0.52498	DEAD	0.	9.134E-04	-21780.42	21780.42	No	No
373	0.52498	DEAD	0.	3.191E-02	-24885.41	24885.43	No	Yes
373	0.52498	DEAD	-16.55	1.168E-02	-23457.25	23457.26	No	No
373	0.52498	DEAD	-16.55	2.135E-02	-25652.8	25652.81	No	No
373	0.52498	DEAD	-28.19	3.171E-02	-25061.26	25061.27	No	No
373	0.	Lr	-16.24	1.219E-02	-23086.06	23086.07	No	No
373	0.	Lr	-5.76	1.540E-03	-21548.36	21548.37	No	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
373	0.	Lr	-0.71	3.902E-03	-23320.77	23320.78	No	No
373	0.	Lr	-0.71	1.386E-03	-20676.71	20676.71	Yes	No
373	0.	Lr	0.	8.641E-03	-24955.69	24955.69	No	No
373	0.	Lr	0.	1.853E-03	-21216.42	21216.42	No	Yes
373	0.	Lr	-15.53	1.301E-02	-25495.4	25495.41	No	No
373	0.	Lr	-15.53	1.178E-02	-22851.34	22851.35	No	No
373	0.	Lr	-26.72	2.899E-02	-24623.77	24623.78	No	No
373	0.26249	Lr	-16.24	1.219E-02	-23086.06	23086.07	No	No
373	0.26249	Lr	-5.76	1.572E-03	-21106.65	21106.65	Yes	No
373	0.26249	Lr	-0.71	4.173E-03	-21802.88	21802.88	No	No
373	0.26249	Lr	-0.71	1.328E-03	-21569.93	21569.93	No	No
373	0.26249	Lr	0.	9.274E-03	-23250.78	23250.78	No	No
373	0.26249	Lr	0.	1.715E-03	-22921.33	22921.33	No	Yes
373	0.26249	Lr	-15.53	1.348E-02	-24602.19	24602.19	No	No
373	0.26249	Lr	-15.53	1.105E-02	-24369.23	24369.24	No	No
373	0.26249	Lr	-26.72	2.847E-02	-25065.48	25065.49	No	No
373	0.52498	Lr	-16.24	1.219E-02	-23086.06	23086.07	No	No
373	0.52498	Lr	-5.76	1.606E-03	-20664.94	20664.94	No	No
373	0.52498	Lr	-0.71	4.485E-03	-20284.99	20284.99	Yes	No
373	0.52498	Lr	-0.71	1.275E-03	-22463.14	22463.14	No	No
373	0.52498	Lr	0.	1.001E-02	-21545.87	21545.87	No	No
373	0.52498	Lr	0.	1.597E-03	-24626.24	24626.24	No	Yes
373	0.52498	Lr	-15.53	1.399E-02	-23708.97	23708.98	No	No
373	0.52498	Lr	-15.53	1.040E-02	-25887.13	25887.13	No	No
373	0.52498	Lr	-26.72	2.798E-02	-25507.19	25507.21	No	No
373	0.	Le	-7.28	5.461E-03	-10343.76	10343.76	No	No
373	0.	Le	-2.58	6.900E-04	-9654.79	9654.79	No	No
373	0.	Le	-0.32	1.748E-03	-10448.92	10448.92	No	No
373	0.	Le	-0.32	6.208E-04	-9264.24	9264.24	Yes	No
373	0.	Le	0.	3.872E-03	-11181.45	11181.45	No	No
373	0.	Le	0.	8.304E-04	-9506.06	9506.06	No	Yes
373	0.	Le	-6.96	5.827E-03	-11423.26	11423.27	No	No
373	0.	Le	-6.96	5.279E-03	-10238.59	10238.59	No	No
373	0.	Le	-11.97	1.299E-02	-11032.73	11032.73	No	No
373	0.26249	Le	-7.28	5.461E-03	-10343.76	10343.76	No	No
373	0.26249	Le	-2.58	7.044E-04	-9456.88	9456.88	Yes	No
373	0.26249	Le	-0.32	1.870E-03	-9768.82	9768.82	No	No
373	0.26249	Le	-0.32	5.951E-04	-9664.45	9664.45	No	No
373	0.26249	Le	0.	4.155E-03	-10417.56	10417.56	No	No
373	0.26249	Le	0.	7.686E-04	-10269.95	10269.95	No	Yes
373	0.26249	Le	-6.96	6.039E-03	-11023.06	11023.06	No	No
373	0.26249	Le	-6.96	4.951E-03	-10918.68	10918.69	No	No
373	0.26249	Le	-11.97	1.276E-02	-11230.64	11230.64	No	No
373	0.52498	Le	-7.28	5.461E-03	-10343.76	10343.76	No	No
373	0.52498	Le	-2.58	7.194E-04	-9258.96	9258.97	No	No
373	0.52498	Le	-0.32	2.010E-03	-9088.73	9088.73	Yes	No
373	0.52498	Le	-0.32	5.715E-04	-10064.65	10064.66	No	No
373	0.52498	Le	0.	4.484E-03	-9653.67	9653.67	No	No
373	0.52498	Le	0.	7.154E-04	-11033.84	11033.84	No	Yes
373	0.52498	Le	-6.96	6.266E-03	-10622.85	10622.85	No	No
373	0.52498	Le	-6.96	4.660E-03	-11598.78	11598.78	No	No
373	0.52498	Le	-11.97	1.254E-02	-11428.55	11428.55	No	No
374	0.	DEAD	5.03	28733.3	-1.386E-02	28733.31	No	No
374	0.	DEAD	-13.4	29648.39	-6.055E-03	29648.39	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
374	0.	DEAD	-10.52	29360.24	-4.153E-03	29360.24	No	Yes
374	0.	DEAD	-10.52	29400.5	-2.127E-02	29400.51	No	No
374	0.	DEAD	0.	28704.83	-2.762E-05	28704.83	No	No
374	0.	DEAD	0.	28761.79	-4.952E-02	28761.82	No	No
374	0.	DEAD	15.54	28066.11	-9.011E-03	28066.11	No	No
374	0.	DEAD	15.54	28106.37	-2.691E-02	28106.38	No	No
374	0.	DEAD	23.45	27818.21	-1.977E-02	27818.22	No	No
374	0.26249	DEAD	5.03	28746.37	-9.300E-04	28746.37	No	No
374	0.26249	DEAD	-13.4	30611.95	-5.864E-03	30611.95	Yes	No
374	0.26249	DEAD	-10.52	29672.2	-9.991E-03	29672.21	No	No
374	0.26249	DEAD	-10.52	30458.87	-8.697E-03	30458.87	No	No
374	0.26249	DEAD	0.	28190.13	-1.368E-02	28190.14	No	Yes
374	0.26249	DEAD	0.	29302.64	-1.011E-02	29302.64	No	No
374	0.26249	DEAD	15.54	27033.9	-1.581E-02	27033.91	No	No
374	0.26249	DEAD	15.54	27820.56	-1.423E-02	27820.57	No	No
374	0.26249	DEAD	23.45	26880.82	-2.046E-02	26880.83	No	No
374	0.52498	DEAD	5.03	28759.47	-1.731E-02	28759.48	No	No
374	0.52498	DEAD	-13.4	29420.36	-6.102E-03	29420.37	No	No
374	0.52498	DEAD	-10.52	28460.26	-2.395E-02	28460.28	No	No
374	0.52498	DEAD	-10.52	29993.33	-3.842E-03	29993.34	Yes	No
374	0.52498	DEAD	0.	27675.46	-5.828E-02	27675.49	No	Yes
374	0.52498	DEAD	0.	29843.52	-3.674E-04	29843.52	No	No
374	0.52498	DEAD	15.54	27525.62	-2.952E-02	27525.63	No	No
374	0.52498	DEAD	15.54	29058.68	-8.473E-03	29058.69	No	No
374	0.52498	DEAD	23.45	28098.58	-1.957E-02	28098.59	No	No
374	0.	Lr	4.96	28408.54	-9.190E-04	28408.54	No	No
374	0.	Lr	-14.24	30026.99	-6.757E-03	30027.	Yes	No
374	0.	Lr	-11.1	29520.6	-1.099E-02	29520.6	No	No
374	0.	Lr	-11.1	29585.33	-9.859E-03	29585.34	No	No
374	0.	Lr	0.	28362.78	-1.469E-02	28362.78	No	Yes
374	0.	Lr	0.	28454.32	-1.139E-02	28454.33	No	No
374	0.	Lr	16.06	27231.77	-1.687E-02	27231.78	No	No
374	0.	Lr	16.06	27296.51	-1.563E-02	27296.51	No	No
374	0.	Lr	24.17	26790.11	-2.181E-02	26790.12	No	No
374	0.26249	Lr	4.96	28408.54	-9.190E-04	28408.54	No	No
374	0.26249	Lr	-14.24	29900.32	-6.785E-03	29900.33	Yes	No
374	0.26249	Lr	-11.1	29062.41	-1.116E-02	29062.42	No	No
374	0.26249	Lr	-11.1	29864.38	-9.766E-03	29864.38	No	No
374	0.26249	Lr	0.	27841.48	-1.497E-02	27841.48	No	Yes
374	0.26249	Lr	0.	28975.62	-1.118E-02	28975.63	No	No
374	0.26249	Lr	16.06	26952.73	-1.704E-02	26952.73	No	No
374	0.26249	Lr	16.06	27754.69	-1.537E-02	27754.7	No	No
374	0.26249	Lr	24.17	26916.78	-2.171E-02	26916.79	No	No
374	0.52498	Lr	4.96	28408.54	-9.190E-04	28408.54	No	No
374	0.52498	Lr	-14.24	29773.65	-6.814E-03	29773.65	No	No
374	0.52498	Lr	-11.1	28604.23	-1.134E-02	28604.23	No	No
374	0.52498	Lr	-11.1	30143.42	-9.676E-03	30143.42	Yes	No
374	0.52498	Lr	0.	27320.18	-1.526E-02	27320.19	No	Yes
374	0.52498	Lr	0.	29496.92	-1.099E-02	29496.93	No	No
374	0.52498	Lr	16.06	26673.68	-1.722E-02	26673.69	No	No
374	0.52498	Lr	16.06	28212.87	-1.512E-02	28212.88	No	No
374	0.52498	Lr	24.17	27043.45	-2.161E-02	27043.46	No	No
374	0.	Le	2.22	12728.5	-4.117E-04	12728.5	No	No
374	0.	Le	-6.38	13453.65	-3.027E-03	13453.65	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
374	0.	Le	-4.97	13226.76	-4.924E-03	13226.76	No	No
374	0.	Le	-4.97	13255.77	-4.417E-03	13255.77	No	No
374	0.	Le	0.	12708.	-6.584E-03	12708.	No	Yes
374	0.	Le	0.	12749.02	-5.103E-03	12749.02	No	No
374	0.	Le	7.2	12201.25	-7.557E-03	12201.25	No	No
374	0.	Le	7.2	12230.25	-7.001E-03	12230.26	No	No
374	0.	Le	10.83	12003.36	-9.773E-03	12003.37	No	No
374	0.26249	Le	2.22	12728.5	-4.117E-04	12728.5	No	No
374	0.26249	Le	-6.38	13396.9	-3.040E-03	13396.9	Yes	No
374	0.26249	Le	-4.97	13021.47	-5.002E-03	13021.47	No	No
374	0.26249	Le	-4.97	13380.79	-4.376E-03	13380.79	No	No
374	0.26249	Le	0.	12474.43	-6.707E-03	12474.43	No	Yes
374	0.26249	Le	0.	12982.58	-5.011E-03	12982.59	No	No
374	0.26249	Le	7.2	12076.22	-7.636E-03	12076.22	No	No
374	0.26249	Le	7.2	12435.54	-6.886E-03	12435.55	No	No
374	0.26249	Le	10.83	12060.12	-9.727E-03	12060.12	No	No
374	0.52498	Le	2.22	12728.5	-4.117E-04	12728.5	No	No
374	0.52498	Le	-6.38	13340.14	-3.053E-03	13340.14	No	No
374	0.52498	Le	-4.97	12816.18	-5.082E-03	12816.18	No	No
374	0.52498	Le	-4.97	13505.82	-4.335E-03	13505.82	Yes	No
374	0.52498	Le	0.	12240.86	-6.835E-03	12240.86	No	Yes
374	0.52498	Le	0.	13216.15	-4.923E-03	13216.16	No	No
374	0.52498	Le	7.2	11951.19	-7.715E-03	11951.2	No	No
374	0.52498	Le	7.2	12640.83	-6.774E-03	12640.84	No	No
374	0.52498	Le	10.83	12116.87	-9.682E-03	12116.88	No	No
3D1	0.	DEAD					No	
3D1	0.	DEAD					No	
3D1	0.	DEAD					Yes	
3D1	0.	DEAD					No	
3D1	0.17	DEAD					No	
3D1	0.17	DEAD					No	
3D1	0.17	DEAD					No	
3D1	0.17	DEAD					Yes	
3D1	0.34	DEAD					No	
3D1	0.34	DEAD					No	
3D1	0.34	DEAD					No	
3D1	0.34	DEAD					Yes	
3D1	0.	Lr					No	
3D1	0.	Lr					No	
3D1	0.	Lr					Yes	
3D1	0.	Lr					No	
3D1	0.17	Lr					No	
3D1	0.17	Lr					No	
3D1	0.17	Lr					No	
3D1	0.17	Lr					Yes	
3D1	0.34	Lr					No	
3D1	0.34	Lr					No	
3D1	0.34	Lr					No	
3D1	0.34	Lr					Yes	
3D1	0.	Le					No	
3D1	0.	Le					No	
3D1	0.	Le					Yes	
3D1	0.	Le					No	
3D1	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3D1	0.17	Le					No	
3D1	0.17	Le					No	
3D1	0.17	Le					Yes	
3D1	0.34	Le					No	
3D1	0.34	Le					No	
3D1	0.34	Le					No	
3D1	0.34	Le					Yes	
3D2	0.	DEAD					No	
3D2	0.	DEAD					No	
3D2	0.	DEAD					No	
3D2	0.	DEAD					Yes	
3D2	0.17	DEAD					No	
3D2	0.17	DEAD					No	
3D2	0.17	DEAD					Yes	
3D2	0.17	DEAD					No	
3D2	0.34	DEAD					No	
3D2	0.34	DEAD					No	
3D2	0.34	DEAD					Yes	
3D2	0.34	DEAD					No	
3D2	0.	Lr					No	
3D2	0.	Lr					No	
3D2	0.	Lr					No	
3D2	0.	Lr					Yes	
3D2	0.17	Lr					No	
3D2	0.17	Lr					No	
3D2	0.17	Lr					Yes	
3D2	0.17	Lr					No	
3D2	0.34	Lr					No	
3D2	0.34	Lr					No	
3D2	0.34	Lr					Yes	
3D2	0.34	Lr					No	
3D2	0.	Le					No	
3D2	0.	Le					No	
3D2	0.	Le					No	
3D2	0.	Le					Yes	
3D2	0.17	Le					No	
3D2	0.17	Le					No	
3D2	0.17	Le					Yes	
3D2	0.17	Le					No	
3D2	0.34	Le					No	
3D2	0.34	Le					No	
3D2	0.34	Le					Yes	
3D2	0.34	Le					No	
3D3	0.	DEAD					No	
3D3	0.	DEAD					No	
3D3	0.	DEAD					Yes	
3D3	0.	DEAD					No	
3D3	0.17	DEAD					No	
3D3	0.17	DEAD					No	
3D3	0.17	DEAD					No	
3D3	0.17	DEAD					Yes	
3D3	0.34	DEAD					No	
3D3	0.34	DEAD					No	
3D3	0.34	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3D3	0.34	DEAD					Yes	
3D3	0.	Lr					No	
3D3	0.	Lr					No	
3D3	0.	Lr					Yes	
3D3	0.	Lr					No	
3D3	0.17	Lr					No	
3D3	0.17	Lr					No	
3D3	0.17	Lr					No	
3D3	0.17	Lr					Yes	
3D3	0.34	Lr					No	
3D3	0.34	Lr					No	
3D3	0.34	Lr					No	
3D3	0.34	Lr					Yes	
3D3	0.	Le					No	
3D3	0.	Le					No	
3D3	0.	Le					Yes	
3D3	0.	Le					No	
3D3	0.17	Le					No	
3D3	0.17	Le					No	
3D3	0.17	Le					No	
3D3	0.17	Le					Yes	
3D3	0.34	Le					No	
3D3	0.34	Le					No	
3D3	0.34	Le					No	
3D3	0.34	Le					Yes	
3D4	0.	DEAD					No	
3D4	0.	DEAD					No	
3D4	0.	DEAD					No	
3D4	0.	DEAD					Yes	
3D4	0.17	DEAD					No	
3D4	0.17	DEAD					No	
3D4	0.17	DEAD					Yes	
3D4	0.17	DEAD					No	
3D4	0.34	DEAD					No	
3D4	0.34	DEAD					No	
3D4	0.34	DEAD					Yes	
3D4	0.34	DEAD					No	
3D4	0.	Lr					No	
3D4	0.	Lr					No	
3D4	0.	Lr					No	
3D4	0.	Lr					Yes	
3D4	0.17	Lr					No	
3D4	0.17	Lr					No	
3D4	0.17	Lr					Yes	
3D4	0.17	Lr					No	
3D4	0.34	Lr					No	
3D4	0.34	Lr					No	
3D4	0.34	Lr					Yes	
3D4	0.34	Lr					No	
3D4	0.	Le					No	
3D4	0.	Le					No	
3D4	0.	Le					No	
3D4	0.	Le					Yes	
3D4	0.17	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3D4	0.17	Le					No	
3D4	0.17	Le					Yes	
3D4	0.17	Le					No	
3D4	0.34	Le					No	
3D4	0.34	Le					No	
3D4	0.34	Le					Yes	
3D4	0.34	Le					No	
3D5	0.	DEAD					No	
3D5	0.	DEAD					No	
3D5	0.	DEAD					Yes	
3D5	0.	DEAD					No	
3D5	0.277	DEAD					No	
3D5	0.277	DEAD					No	
3D5	0.277	DEAD					No	
3D5	0.277	DEAD					Yes	
3D5	0.	Lr					No	
3D5	0.	Lr					No	
3D5	0.	Lr					Yes	
3D5	0.	Lr					No	
3D5	0.277	Lr					No	
3D5	0.277	Lr					No	
3D5	0.277	Lr					No	
3D5	0.277	Lr					Yes	
3D5	0.	Le					No	
3D5	0.	Le					No	
3D5	0.	Le					Yes	
3D5	0.	Le					No	
3D5	0.277	Le					No	
3D5	0.277	Le					No	
3D5	0.277	Le					No	
3D5	0.277	Le					Yes	
3D6	0.	DEAD					No	
3D6	0.	DEAD					No	
3D6	0.	DEAD					Yes	
3D6	0.	DEAD					No	
3D6	0.277	DEAD					No	
3D6	0.277	DEAD					Yes	
3D6	0.277	DEAD					No	
3D6	0.277	DEAD					No	
3D6	0.	Lr					No	
3D6	0.	Lr					No	
3D6	0.	Lr					Yes	
3D6	0.	Lr					No	
3D6	0.277	Lr					No	
3D6	0.277	Lr					Yes	
3D6	0.277	Lr					No	
3D6	0.277	Lr					No	
3D6	0.	Le					No	
3D6	0.	Le					No	
3D6	0.	Le					Yes	
3D6	0.	Le					No	
3D6	0.277	Le					No	
3D6	0.277	Le					Yes	
3D6	0.277	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3D6	0.277	Le					No	
3D7	0.	DEAD					No	
3D7	0.	DEAD					No	
3D7	0.	DEAD					Yes	
3D7	0.	DEAD					No	
3D7	0.277	DEAD					No	
3D7	0.277	DEAD					Yes	
3D7	0.277	DEAD					No	
3D7	0.277	DEAD					No	
3D7	0.	Lr					No	
3D7	0.	Lr					No	
3D7	0.	Lr					Yes	
3D7	0.	Lr					No	
3D7	0.277	Lr					No	
3D7	0.277	Lr					Yes	
3D7	0.277	Lr					No	
3D7	0.277	Lr					No	
3D7	0.	Le					No	
3D7	0.	Le					No	
3D7	0.	Le					Yes	
3D7	0.	Le					No	
3D7	0.277	Le					No	
3D7	0.277	Le					Yes	
3D7	0.277	Le					No	
3D7	0.277	Le					No	
3D8	0.	DEAD					No	
3D8	0.	DEAD					No	
3D8	0.	DEAD					Yes	
3D8	0.	DEAD					No	
3D8	0.277	DEAD					No	
3D8	0.277	DEAD					Yes	
3D8	0.277	DEAD					No	
3D8	0.277	DEAD					No	
3D8	0.	Lr					No	
3D8	0.	Lr					No	
3D8	0.	Lr					Yes	
3D8	0.	Lr					No	
3D8	0.277	Lr					No	
3D8	0.277	Lr					Yes	
3D8	0.277	Lr					No	
3D8	0.277	Lr					No	
3D8	0.	Le					No	
3D8	0.	Le					No	
3D8	0.	Le					Yes	
3D8	0.	Le					No	
3D8	0.277	Le					No	
3D8	0.277	Le					Yes	
3D8	0.277	Le					No	
3D8	0.277	Le					No	
3D9	0.	DEAD					No	
3D9	0.	DEAD					No	
3D9	0.	DEAD					Yes	
3D9	0.	DEAD					No	
3D9	0.277	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3D9	0.277	DEAD					Yes	
3D9	0.277	DEAD					No	
3D9	0.277	DEAD					No	
3D9	0.	Lr					No	
3D9	0.	Lr					No	
3D9	0.	Lr					Yes	
3D9	0.	Lr					No	
3D9	0.277	Lr					No	
3D9	0.277	Lr					Yes	
3D9	0.277	Lr					No	
3D9	0.277	Lr					No	
3D9	0.	Le					No	
3D9	0.	Le					No	
3D9	0.	Le					Yes	
3D9	0.	Le					No	
3D9	0.277	Le					No	
3D9	0.277	Le					Yes	
3D9	0.277	Le					No	
3D9	0.277	Le					No	
3DA	0.	DEAD					No	
3DA	0.	DEAD					No	
3DA	0.	DEAD					Yes	
3DA	0.	DEAD					No	
3DA	0.277	DEAD					No	
3DA	0.277	DEAD					Yes	
3DA	0.277	DEAD					No	
3DA	0.277	DEAD					No	
3DA	0.	Lr					No	
3DA	0.	Lr					No	
3DA	0.	Lr					Yes	
3DA	0.	Lr					No	
3DA	0.277	Lr					No	
3DA	0.277	Lr					Yes	
3DA	0.277	Lr					No	
3DA	0.277	Lr					No	
3DA	0.	Le					No	
3DA	0.	Le					No	
3DA	0.	Le					Yes	
3DA	0.	Le					No	
3DA	0.277	Le					No	
3DA	0.277	Le					Yes	
3DA	0.277	Le					No	
3DA	0.277	Le					No	
3DB	0.	DEAD					No	
3DB	0.	DEAD					No	
3DB	0.	DEAD					Yes	
3DB	0.	DEAD					No	
3DB	0.277	DEAD					No	
3DB	0.277	DEAD					Yes	
3DB	0.277	DEAD					No	
3DB	0.277	DEAD					No	
3DB	0.	Lr					No	
3DB	0.	Lr					No	
3DB	0.	Lr					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3DB	0.	Lr					No	
3DB	0.277	Lr					No	
3DB	0.277	Lr					Yes	
3DB	0.277	Lr					No	
3DB	0.277	Lr					No	
3DB	0.	Le					No	
3DB	0.	Le					No	
3DB	0.	Le					Yes	
3DB	0.	Le					No	
3DB	0.277	Le					No	
3DB	0.277	Le					Yes	
3DB	0.277	Le					No	
3DB	0.277	Le					No	
3DC	0.	DEAD					No	
3DC	0.	DEAD					Yes	
3DC	0.	DEAD					No	
3DC	0.	DEAD					No	
3DC	0.277	DEAD					No	
3DC	0.277	DEAD					No	
3DC	0.277	DEAD					Yes	
3DC	0.277	DEAD					No	
3DC	0.	Lr					No	
3DC	0.	Lr					Yes	
3DC	0.	Lr					No	
3DC	0.	Lr					No	
3DC	0.277	Lr					No	
3DC	0.277	Lr					No	
3DC	0.277	Lr					Yes	
3DC	0.277	Lr					No	
3DC	0.	Le					No	
3DC	0.	Le					Yes	
3DC	0.	Le					No	
3DC	0.	Le					No	
3DC	0.277	Le					No	
3DC	0.277	Le					No	
3DC	0.277	Le					Yes	
3DC	0.277	Le					No	
3DD	0.	DEAD					No	
3DD	0.	DEAD					Yes	
3DD	0.	DEAD					No	
3DD	0.	DEAD					No	
3DD	0.277	DEAD					No	
3DD	0.277	DEAD					No	
3DD	0.277	DEAD					Yes	
3DD	0.277	DEAD					No	
3DD	0.	Lr					No	
3DD	0.	Lr					Yes	
3DD	0.	Lr					No	
3DD	0.	Lr					No	
3DD	0.277	Lr					No	
3DD	0.277	Lr					No	
3DD	0.277	Lr					Yes	
3DD	0.277	Lr					No	
3DD	0.	Le					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3DD	0.	Le					Yes	
3DD	0.	Le					No	
3DD	0.	Le					No	
3DD	0.277	Le					No	
3DD	0.277	Le					No	
3DD	0.277	Le					Yes	
3DD	0.277	Le					No	
3DE	0.	DEAD					No	
3DE	0.	DEAD					Yes	
3DE	0.	DEAD					No	
3DE	0.	DEAD					No	
3DE	0.277	DEAD					No	
3DE	0.277	DEAD					No	
3DE	0.277	DEAD					Yes	
3DE	0.277	DEAD					No	
3DE	0.	Lr					No	
3DE	0.	Lr					Yes	
3DE	0.	Lr					No	
3DE	0.	Lr					No	
3DE	0.277	Lr					No	
3DE	0.277	Lr					No	
3DE	0.277	Lr					Yes	
3DE	0.277	Lr					No	
3DE	0.	Le					No	
3DE	0.	Le					Yes	
3DE	0.	Le					No	
3DE	0.	Le					No	
3DE	0.277	Le					No	
3DE	0.277	Le					No	
3DE	0.277	Le					Yes	
3DE	0.277	Le					No	
3DF	0.	DEAD					No	
3DF	0.	DEAD					Yes	
3DF	0.	DEAD					No	
3DF	0.	DEAD					No	
3DF	0.277	DEAD					No	
3DF	0.277	DEAD					No	
3DF	0.277	DEAD					Yes	
3DF	0.277	DEAD					No	
3DF	0.	Lr					No	
3DF	0.	Lr					Yes	
3DF	0.	Lr					No	
3DF	0.	Lr					No	
3DF	0.277	Lr					No	
3DF	0.277	Lr					No	
3DF	0.277	Lr					Yes	
3DF	0.277	Lr					No	
3DF	0.	Le					No	
3DF	0.	Le					Yes	
3DF	0.	Le					No	
3DF	0.	Le					No	
3DF	0.277	Le					No	
3DF	0.277	Le					No	
3DF	0.277	Le					Yes	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3DF	0.277	Le					No	
3E0	0.	DEAD					No	
3E0	0.	DEAD					Yes	
3E0	0.	DEAD					No	
3E0	0.	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					Yes	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					Yes	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.277	DEAD					No	
3E0	0.277	DEAD					No	
3E0	0.277	DEAD					Yes	
3E0	0.277	DEAD					No	
3E0	0.	Lr					No	
3E0	0.	Lr					Yes	
3E0	0.	Lr					No	
3E0	0.	Lr					No	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					Yes	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					Yes	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					No	
3E0	0.277	Lr					No	
3E0	0.277	Lr					No	
3E0	0.277	Lr					Yes	
3E0	0.277	Lr					No	
3E0	0.	Le					No	
3E0	0.	Le					Yes	
3E0	0.	Le					No	
3E0	0.	Le					No	
3E0	0.00251	Le					No	
3E0	0.00251	Le					Yes	
3E0	0.00251	Le					No	
3E0	0.00251	Le					No	
3E0	0.00251	Le					No	
3E0	0.00251	Le					Yes	
3E0	0.00251	Le					No	
3E0	0.00251	Le					No	
3E0	0.277	Le					No	
3E0	0.277	Le					No	
3E0	0.277	Le					Yes	
3E0	0.277	Le					No	
3E1	0.	DEAD					No	
3E1	0.	DEAD					Yes	
3E1	0.	DEAD					No	
3E1	0.	DEAD					No	
3E1	0.27449	DEAD					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					Yes	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					Yes	
3E1	0.277	DEAD					No	
3E1	0.277	DEAD					No	
3E1	0.277	DEAD					No	
3E1	0.277	DEAD					Yes	
3E1	0.	Lr					No	
3E1	0.	Lr					Yes	
3E1	0.	Lr					No	
3E1	0.	Lr					No	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					Yes	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					Yes	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					No	
3E1	0.277	Lr					No	
3E1	0.277	Lr					No	
3E1	0.277	Lr					Yes	
3E1	0.277	Lr					No	
3E1	0.	Le					No	
3E1	0.	Le					Yes	
3E1	0.	Le					No	
3E1	0.	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					Yes	
3E1	0.27449	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					Yes	
3E1	0.27449	Le					No	
3E1	0.277	Le					No	
3E1	0.277	Le					No	
3E1	0.277	Le					No	
3E1	0.277	Le					Yes	
3E2	0.	DEAD					No	
3E2	0.	DEAD					Yes	
3E2	0.	DEAD					No	
3E2	0.	DEAD					No	
3E2	0.277	DEAD					No	
3E2	0.277	DEAD					No	
3E2	0.277	DEAD					No	
3E2	0.277	DEAD					Yes	
3E2	0.	Lr					No	
3E2	0.	Lr					Yes	
3E2	0.	Lr					No	

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E2	0.	Lr					No	
3E2	0.277	Lr					No	
3E2	0.277	Lr					No	
3E2	0.277	Lr					No	
3E2	0.277	Lr					Yes	
3E2	0.	Le					No	
3E2	0.	Le					Yes	
3E2	0.	Le					No	
3E2	0.	Le					No	
3E2	0.277	Le					No	
3E2	0.277	Le					No	
3E2	0.277	Le					No	
3E2	0.277	Le					Yes	
3E3	0.	DEAD					No	
3E3	0.	DEAD					Yes	
3E3	0.	DEAD					No	
3E3	0.	DEAD					No	
3E3	0.277	DEAD					No	
3E3	0.277	DEAD					No	
3E3	0.277	DEAD					Yes	
3E3	0.277	DEAD					No	
3E3	0.	Lr					No	
3E3	0.	Lr					Yes	
3E3	0.	Lr					No	
3E3	0.	Lr					No	
3E3	0.277	Lr					No	
3E3	0.277	Lr					No	
3E3	0.277	Lr					Yes	
3E3	0.277	Lr					No	
3E3	0.	Le					No	
3E3	0.	Le					Yes	
3E3	0.	Le					No	
3E3	0.	Le					No	
3E3	0.277	Le					No	
3E3	0.277	Le					No	
3E3	0.277	Le					Yes	
3E3	0.277	Le					No	
3E4	0.	DEAD	-34.84	0.13	-26183.71	26183.78	No	No
3E4	0.	DEAD	138.78	0.84	-22886.92	22887.34	No	No
3E4	0.	DEAD	105.34	0.83	-25250.68	25251.09	No	No
3E4	0.	DEAD	105.34	1.45	-22455.4	22456.12	Yes	No
3E4	0.	DEAD	0.	0.56	-28161.14	28161.43	No	No
3E4	0.	DEAD	0.	2.03	-24208.6	24209.61	No	Yes
3E4	0.	DEAD	-140.19	0.98	-29914.2	29914.69	No	No
3E4	0.	DEAD	-140.19	1.52	-27118.82	27119.58	No	No
3E4	0.	DEAD	-208.46	1.47	-29482.55	29483.28	No	No
3E4	0.19807	DEAD	-34.84	0.18	-26170.67	26170.76	No	No
3E4	0.19807	DEAD	138.78	0.71	-27085.29	27085.64	No	No
3E4	0.19807	DEAD	105.34	0.76	-26263.75	26264.13	No	No
3E4	0.19807	DEAD	105.34	1.25	-27371.95	27372.57	No	No
3E4	0.19807	DEAD	0.	0.52	-25387.75	25388.01	No	No
3E4	0.19807	DEAD	0.	2.	-26955.76	26956.76	No	Yes
3E4	0.19807	DEAD	-140.19	1.14	-24971.42	24971.99	Yes	No
3E4	0.19807	DEAD	-140.19	1.64	-26079.63	26080.45	No	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E4	0.19807	DEAD	-208.46	1.72	-25258.13	25258.99	No	No
3E4	0.39613	DEAD	-34.84	0.23	-26157.63	26157.75	No	No
3E4	0.39613	DEAD	138.78	0.6	-32110.09	32110.39	No	No
3E4	0.39613	DEAD	105.34	0.68	-27861.18	27861.52	No	No
3E4	0.39613	DEAD	105.34	1.09	-32872.91	32873.46	No	No
3E4	0.39613	DEAD	0.	0.49	-22614.35	22614.59	No	No
3E4	0.39613	DEAD	0.	1.98	-29702.93	29703.92	No	Yes
3E4	0.39613	DEAD	-140.19	1.41	-19444.4	19445.11	Yes	No
3E4	0.39613	DEAD	-140.19	1.81	-24456.13	24457.03	No	No
3E4	0.39613	DEAD	-208.46	2.15	-20207.48	20208.55	No	No
3E4	0.	Lr	-34.62	0.18	-25863.57	25863.66	No	No
3E4	0.	Lr	136.27	0.83	-22344.65	22345.07	No	No
3E4	0.	Lr	103.53	0.77	-24759.07	24759.45	No	No
3E4	0.	Lr	103.53	1.51	-21992.57	21993.33	Yes	No
3E4	0.	Lr	0.	0.46	-27820.58	27820.81	No	No
3E4	0.	Lr	0.	2.19	-23908.86	23909.95	No	Yes
3E4	0.	Lr	-138.15	0.93	-29736.65	29737.11	No	No
3E4	0.	Lr	-138.15	1.54	-26970.04	26970.81	No	No
3E4	0.	Lr	-205.51	1.44	-29384.41	29385.12	No	No
3E4	0.19807	Lr	-34.62	0.18	-25863.57	25863.66	No	No
3E4	0.19807	Lr	136.27	0.69	-26934.83	26935.17	No	No
3E4	0.19807	Lr	103.53	0.73	-26065.4	26065.77	No	No
3E4	0.19807	Lr	103.53	1.22	-27177.61	27178.22	No	No
3E4	0.19807	Lr	0.	0.51	-25077.8	25078.05	No	No
3E4	0.19807	Lr	0.	1.96	-26651.47	26652.45	No	Yes
3E4	0.19807	Lr	-138.15	1.12	-24551.52	24552.09	Yes	No
3E4	0.19807	Lr	-138.15	1.62	-25663.74	25664.55	No	No
3E4	0.19807	Lr	-205.51	1.7	-24794.35	24795.21	No	No
3E4	0.39613	Lr	-34.62	0.18	-25863.57	25863.66	No	No
3E4	0.39613	Lr	136.27	0.59	-31525.04	31525.34	No	No
3E4	0.39613	Lr	103.53	0.7	-27371.73	27372.08	No	No
3E4	0.39613	Lr	103.53	1.02	-32362.73	32363.24	No	No
3E4	0.39613	Lr	0.	0.57	-22335.03	22335.31	No	No
3E4	0.39613	Lr	0.	1.78	-29394.11	29395.	No	Yes
3E4	0.39613	Lr	-138.15	1.42	-19366.51	19367.22	Yes	No
3E4	0.39613	Lr	-138.15	1.7	-24357.46	24358.31	No	No
3E4	0.39613	Lr	-205.51	2.09	-20204.42	20205.47	No	No
3E4	0.	Le	-15.51	7.892E-02	-11588.22	11588.26	No	No
3E4	0.	Le	61.06	0.37	-10011.56	10011.75	No	No
3E4	0.	Le	46.39	0.35	-11093.35	11093.52	No	No
3E4	0.	Le	46.39	0.68	-9853.82	9854.15	Yes	No
3E4	0.	Le	0.	0.21	-12465.06	12465.17	No	No
3E4	0.	Le	0.	0.98	-10712.41	10712.9	No	Yes
3E4	0.	Le	-61.9	0.41	-13323.56	13323.77	No	No
3E4	0.	Le	-61.9	0.69	-12083.98	12084.32	No	No
3E4	0.	Le	-92.08	0.64	-13165.74	13166.06	No	No
3E4	0.19807	Le	-15.51	7.892E-02	-11588.22	11588.26	No	No
3E4	0.19807	Le	61.06	0.31	-12068.2	12068.36	No	No
3E4	0.19807	Le	46.39	0.33	-11678.65	11678.82	No	No
3E4	0.19807	Le	46.39	0.55	-12176.98	12177.25	No	No
3E4	0.19807	Le	0.	0.23	-11236.16	11236.27	No	No
3E4	0.19807	Le	0.	0.88	-11941.24	11941.68	No	Yes
3E4	0.19807	Le	-61.9	0.5	-11000.36	11000.61	Yes	No
3E4	0.19807	Le	-61.9	0.72	-11498.69	11499.05	No	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E4	0.19807	Le	-92.08	0.76	-11109.16	11109.54	No	No
3E4	0.39613	Le	-15.51	7.892E-02	-11588.22	11588.26	No	No
3E4	0.39613	Le	61.06	0.26	-14124.86	14124.99	No	No
3E4	0.39613	Le	46.39	0.31	-12263.96	12264.12	No	No
3E4	0.39613	Le	46.39	0.46	-14500.18	14500.41	No	No
3E4	0.39613	Le	0.	0.26	-10007.25	10007.38	No	No
3E4	0.39613	Le	0.	0.8	-13170.09	13170.49	No	Yes
3E4	0.39613	Le	-61.9	0.64	-8677.2	8677.52	Yes	No
3E4	0.39613	Le	-61.9	0.76	-10913.41	10913.79	No	No
3E4	0.39613	Le	-92.08	0.94	-9052.63	9053.1	No	No
3E5	0.	DEAD	-35.02	0.13	-26263.84	26263.91	No	No
3E5	0.	DEAD	136.97	0.82	-22950.54	22950.95	No	No
3E5	0.	DEAD	104.11	0.8	-25332.14	25332.54	No	No
3E5	0.	DEAD	104.11	1.42	-22510.81	22511.53	Yes	No
3E5	0.	DEAD	0.	0.54	-28259.66	28259.94	No	No
3E5	0.	DEAD	0.	2.	-24270.28	24271.28	No	Yes
3E5	0.	DEAD	-139.13	0.96	-30018.98	30019.46	No	No
3E5	0.	DEAD	-139.13	1.49	-27197.56	27198.31	No	No
3E5	0.	DEAD	-207.02	1.45	-29579.14	29579.86	No	No
3E5	0.19807	DEAD	-35.02	0.18	-26250.8	26250.88	No	No
3E5	0.19807	DEAD	136.97	0.69	-27159.56	27159.91	No	No
3E5	0.19807	DEAD	104.11	0.74	-26342.58	26342.95	No	No
3E5	0.19807	DEAD	104.11	1.22	-27445.08	27445.7	No	No
3E5	0.19807	DEAD	0.	0.51	-25471.88	25472.13	No	No
3E5	0.19807	DEAD	0.	1.97	-27031.83	27032.81	No	Yes
3E5	0.19807	DEAD	-139.13	1.11	-25058.49	25059.05	Yes	No
3E5	0.19807	DEAD	-139.13	1.61	-26161.	26161.81	No	No
3E5	0.19807	DEAD	-207.02	1.69	-25344.05	25344.9	No	No
3E5	0.39613	DEAD	-35.02	0.23	-26237.76	26237.87	No	No
3E5	0.39613	DEAD	136.97	0.58	-32195.03	32195.32	No	No
3E5	0.39613	DEAD	104.11	0.66	-27937.38	27937.71	No	No
3E5	0.39613	DEAD	104.11	1.07	-32963.76	32964.3	No	No
3E5	0.39613	DEAD	0.	0.47	-22684.1	22684.33	No	No
3E5	0.39613	DEAD	0.	1.95	-29793.38	29794.36	No	Yes
3E5	0.39613	DEAD	-139.13	1.38	-19513.75	19514.44	Yes	No
3E5	0.39613	DEAD	-139.13	1.78	-24540.13	24541.02	No	No
3E5	0.39613	DEAD	-207.02	2.11	-20282.74	20283.79	No	No
3E5	0.	Lr	-34.65	0.18	-25943.38	25943.47	No	No
3E5	0.	Lr	136.97	0.84	-22417.85	22418.26	No	No
3E5	0.	Lr	104.03	0.78	-24835.29	24835.68	No	No
3E5	0.	Lr	104.03	1.51	-22066.62	22067.38	Yes	No
3E5	0.	Lr	0.	0.46	-27901.94	27902.17	No	No
3E5	0.	Lr	0.	2.2	-23987.14	23988.24	No	Yes
3E5	0.	Lr	-138.67	0.93	-29822.24	29822.71	No	No
3E5	0.	Lr	-138.67	1.55	-27053.45	27054.22	No	No
3E5	0.	Lr	-206.26	1.44	-29470.85	29471.57	No	No
3E5	0.19807	Lr	-34.65	0.18	-25943.38	25943.47	No	No
3E5	0.19807	Lr	136.97	0.69	-27012.05	27012.4	No	No
3E5	0.19807	Lr	104.03	0.74	-26142.83	26143.2	No	No
3E5	0.19807	Lr	104.03	1.23	-27256.14	27256.75	No	No
3E5	0.19807	Lr	0.	0.51	-25156.84	25157.09	No	No
3E5	0.19807	Lr	0.	1.97	-26732.07	26733.05	No	Yes
3E5	0.19807	Lr	-138.67	1.13	-24632.63	24633.19	Yes	No
3E5	0.19807	Lr	-138.67	1.62	-25745.95	25746.76	No	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E5	0.19807	Lr	-206.26	1.71	-24876.77	24877.63	No	No
3E5	0.39613	Lr	-34.65	0.18	-25943.38	25943.47	No	No
3E5	0.39613	Lr	136.97	0.59	-31606.3	31606.59	No	No
3E5	0.39613	Lr	104.03	0.7	-27450.37	27450.73	No	No
3E5	0.39613	Lr	104.03	1.03	-32445.76	32446.27	No	No
3E5	0.39613	Lr	0.	0.58	-22411.75	22412.03	No	No
3E5	0.39613	Lr	0.	1.79	-29477.04	29477.93	No	Yes
3E5	0.39613	Lr	-138.67	1.43	-19443.12	19443.83	Yes	No
3E5	0.39613	Lr	-138.67	1.71	-24438.46	24439.32	No	No
3E5	0.39613	Lr	-206.26	2.1	-20282.81	20283.86	No	No
3E5	0.	Le	-15.52	7.881E-02	-11623.98	11624.02	No	No
3E5	0.	Le	61.37	0.37	-10044.36	10044.55	No	No
3E5	0.	Le	46.61	0.35	-11127.5	11127.68	No	No
3E5	0.	Le	46.61	0.68	-9886.99	9887.33	Yes	No
3E5	0.	Le	0.	0.21	-12501.52	12501.62	No	No
3E5	0.	Le	0.	0.98	-10747.48	10747.98	No	Yes
3E5	0.	Le	-62.13	0.42	-13361.91	13362.12	No	No
3E5	0.	Le	-62.13	0.69	-12121.35	12121.7	No	No
3E5	0.	Le	-92.42	0.65	-13204.47	13204.8	No	No
3E5	0.19807	Le	-15.52	7.881E-02	-11623.98	11624.02	No	No
3E5	0.19807	Le	61.37	0.31	-12102.8	12102.96	No	No
3E5	0.19807	Le	46.61	0.33	-11713.35	11713.51	No	No
3E5	0.19807	Le	46.61	0.55	-12212.17	12212.44	No	No
3E5	0.19807	Le	0.	0.23	-11271.57	11271.68	No	No
3E5	0.19807	Le	0.	0.88	-11977.35	11977.8	No	Yes
3E5	0.19807	Le	-62.13	0.5	-11036.7	11036.95	Yes	No
3E5	0.19807	Le	-62.13	0.73	-11535.52	11535.89	No	No
3E5	0.19807	Le	-92.42	0.77	-11146.09	11146.47	No	No
3E5	0.39613	Le	-15.52	7.881E-02	-11623.98	11624.02	No	No
3E5	0.39613	Le	61.37	0.27	-14161.26	14161.4	No	No
3E5	0.39613	Le	46.61	0.32	-12299.19	12299.35	No	No
3E5	0.39613	Le	46.61	0.46	-14537.38	14537.61	No	No
3E5	0.39613	Le	0.	0.26	-10041.63	10041.76	No	No
3E5	0.39613	Le	0.	0.8	-13207.24	13207.64	No	Yes
3E5	0.39613	Le	-62.13	0.64	-8711.53	8711.85	Yes	No
3E5	0.39613	Le	-62.13	0.77	-10949.7	10950.08	No	No
3E5	0.39613	Le	-92.42	0.94	-9087.75	9088.22	No	No
3E6	0.	DEAD	-22.98	3.648E-02	-30926.24	30926.26	No	No
3E6	0.	DEAD	-207.08	1.32	-32479.99	32480.65	No	No
3E6	0.	DEAD	-141.67	1.01	-33797.32	33797.82	No	No
3E6	0.	DEAD	-141.67	1.33	-30252.95	30253.61	No	No
3E6	0.	DEAD	0.	0.76	-33433.45	33433.83	No	Yes
3E6	0.	DEAD	0.	1.53	-28421.25	28422.01	No	No
3E6	0.	DEAD	118.69	0.89	-31601.68	31602.12	No	No
3E6	0.	DEAD	118.69	1.23	-28057.31	28057.93	Yes	No
3E6	0.	DEAD	161.13	0.88	-29374.62	29375.06	No	No
3E6	0.23926	DEAD	-22.98	1.876E-02	-30913.14	30913.14	No	No
3E6	0.23926	DEAD	-207.08	1.39	-30949.01	30949.7	No	No
3E6	0.23926	DEAD	-141.67	1.16	-31156.16	31156.74	No	No
3E6	0.23926	DEAD	-141.67	1.24	-30721.27	30721.89	No	No
3E6	0.23926	DEAD	0.	1.	-31221.68	31222.19	No	Yes
3E6	0.23926	DEAD	0.	1.2	-30606.75	30607.34	Yes	No
3E6	0.23926	DEAD	118.69	0.97	-31107.16	31107.65	No	No
3E6	0.23926	DEAD	118.69	1.04	-30672.28	30672.8	No	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E6	0.23926	DEAD	161.13	0.84	-30879.45	30879.87	No	No
3E6	0.47852	DEAD	-22.98	2.036E-02	-30900.05	30900.06	No	No
3E6	0.47852	DEAD	-207.08	1.38	-31071.65	31072.34	No	No
3E6	0.47852	DEAD	-141.67	1.29	-29684.31	29684.96	No	No
3E6	0.47852	DEAD	-141.67	1.1	-32358.9	32359.45	No	No
3E6	0.47852	DEAD	0.	1.3	-29009.98	29010.63	Yes	Yes
3E6	0.47852	DEAD	0.	0.92	-32792.31	32792.77	No	No
3E6	0.47852	DEAD	118.69	1.1	-29443.37	29443.91	No	No
3E6	0.47852	DEAD	118.69	0.93	-32117.97	32118.43	No	No
3E6	0.47852	DEAD	161.13	0.84	-30730.64	30731.06	No	No
3E6	0.	Lr	-22.8	1.926E-02	-30550.16	30550.17	No	No
3E6	0.	Lr	-213.08	1.43	-31689.95	31690.66	No	No
3E6	0.	Lr	-145.95	1.16	-33117.95	33118.52	No	No
3E6	0.	Lr	-145.95	1.37	-29594.77	29595.45	No	No
3E6	0.	Lr	0.	1.	-33042.56	33043.06	No	Yes
3E6	0.	Lr	0.	1.41	-28060.13	28060.84	No	No
3E6	0.	Lr	123.15	1.02	-31507.91	31508.42	No	No
3E6	0.	Lr	123.15	1.23	-27984.73	27985.34	Yes	No
3E6	0.	Lr	167.49	0.95	-29412.73	29413.2	No	No
3E6	0.23926	Lr	-22.8	1.926E-02	-30550.16	30550.17	No	No
3E6	0.23926	Lr	-213.08	1.47	-30897.49	30898.22	No	No
3E6	0.23926	Lr	-145.95	1.24	-31014.89	31015.51	No	No
3E6	0.23926	Lr	-145.95	1.33	-30577.1	30577.76	No	No
3E6	0.23926	Lr	0.	1.07	-30860.85	30861.39	No	Yes
3E6	0.23926	Lr	0.	1.3	-30241.81	30242.46	No	No
3E6	0.23926	Lr	123.15	1.05	-30525.57	30526.1	No	No
3E6	0.23926	Lr	123.15	1.14	-30087.77	30088.34	Yes	No
3E6	0.23926	Lr	167.49	0.93	-30205.2	30205.66	No	No
3E6	0.47852	Lr	-22.8	1.926E-02	-30550.16	30550.17	No	No
3E6	0.47852	Lr	-213.08	1.51	-30105.03	30105.79	No	No
3E6	0.47852	Lr	-145.95	1.33	-28911.85	28912.52	No	No
3E6	0.47852	Lr	-145.95	1.28	-31559.43	31560.07	No	No
3E6	0.47852	Lr	0.	1.16	-28679.15	28679.73	Yes	Yes
3E6	0.47852	Lr	0.	1.22	-32423.5	32424.11	No	No
3E6	0.47852	Lr	123.15	1.09	-29543.23	29543.78	No	No
3E6	0.47852	Lr	123.15	1.07	-32190.83	32191.36	No	No
3E6	0.47852	Lr	167.49	0.9	-30997.67	30998.12	No	No
3E6	0.	Le	-10.21	8.628E-03	-13688.06	13688.06	No	No
3E6	0.	Le	-95.47	0.64	-14198.74	14199.06	No	No
3E6	0.	Le	-65.39	0.52	-14838.56	14838.82	No	No
3E6	0.	Le	-65.39	0.61	-13259.99	13260.3	No	No
3E6	0.	Le	0.	0.45	-14804.78	14805.01	No	Yes
3E6	0.	Le	0.	0.63	-12572.4	12572.71	No	No
3E6	0.	Le	55.18	0.46	-14117.18	14117.41	No	No
3E6	0.	Le	55.18	0.55	-12538.61	12538.89	Yes	No
3E6	0.	Le	75.04	0.43	-13178.43	13178.64	No	No
3E6	0.23926	Le	-10.21	8.628E-03	-13688.06	13688.06	No	No
3E6	0.23926	Le	-95.47	0.66	-13843.68	13844.01	No	No
3E6	0.23926	Le	-65.39	0.55	-13896.28	13896.56	No	No
3E6	0.23926	Le	-65.39	0.59	-13700.13	13700.42	No	No
3E6	0.23926	Le	0.	0.48	-13827.26	13827.5	No	Yes
3E6	0.23926	Le	0.	0.58	-13549.9	13550.2	No	No
3E6	0.23926	Le	55.18	0.47	-13677.04	13677.28	No	No
3E6	0.23926	Le	55.18	0.51	-13480.88	13481.14	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E6	0.23926	Le	75.04	0.42	-13533.5	13533.71	No	No
3E6	0.47852	Le	-10.21	8.628E-03	-13688.06	13688.06	No	No
3E6	0.47852	Le	-95.47	0.68	-13488.62	13488.96	No	No
3E6	0.47852	Le	-65.39	0.59	-12954.01	12954.31	No	No
3E6	0.47852	Le	-65.39	0.58	-14140.26	14140.55	No	No
3E6	0.47852	Le	0.	0.52	-12849.75	12850.01	Yes	Yes
3E6	0.47852	Le	0.	0.54	-14527.41	14527.69	No	No
3E6	0.47852	Le	55.18	0.49	-13236.9	13237.15	No	No
3E6	0.47852	Le	55.18	0.48	-14423.16	14423.4	No	No
3E6	0.47852	Le	75.04	0.41	-13888.57	13888.77	No	No
3E7	0.	DEAD	-23.11	3.689E-02	-30913.41	30913.43	No	No
3E7	0.	DEAD	-210.61	1.37	-32483.63	32484.31	No	No
3E7	0.	DEAD	-144.14	1.04	-33808.96	33809.48	No	No
3E7	0.	DEAD	-144.14	1.38	-30238.96	30239.65	No	No
3E7	0.	DEAD	0.	0.79	-33438.78	33439.18	No	Yes
3E7	0.	DEAD	0.	1.58	-28390.35	28391.14	No	No
3E7	0.	DEAD	121.02	0.92	-31590.09	31590.55	No	No
3E7	0.	DEAD	121.02	1.27	-28020.1	28020.74	Yes	No
3E7	0.	DEAD	164.38	0.92	-29345.4	29345.87	No	No
3E7	0.23926	DEAD	-23.11	1.904E-02	-30900.31	30900.32	No	No
3E7	0.23926	DEAD	-210.61	1.43	-30941.1	30941.82	No	No
3E7	0.23926	DEAD	-144.14	1.2	-31150.26	31150.86	No	No
3E7	0.23926	DEAD	-144.14	1.28	-30708.49	30709.13	No	No
3E7	0.23926	DEAD	0.	1.04	-31213.77	31214.29	No	Yes
3E7	0.23926	DEAD	0.	1.24	-30589.09	30589.72	Yes	No
3E7	0.23926	DEAD	121.02	1.01	-31094.38	31094.88	No	No
3E7	0.23926	DEAD	121.02	1.08	-30652.6	30653.15	No	No
3E7	0.23926	DEAD	164.38	0.88	-30861.79	30862.23	No	No
3E7	0.47852	DEAD	-23.11	2.049E-02	-30887.22	30887.24	No	No
3E7	0.47852	DEAD	-210.61	1.43	-31052.19	31052.9	No	No
3E7	0.47852	DEAD	-144.14	1.34	-29660.87	29661.54	No	No
3E7	0.47852	DEAD	-144.14	1.15	-32347.32	32347.89	No	No
3E7	0.47852	DEAD	0.	1.34	-28988.81	28989.48	Yes	Yes
3E7	0.47852	DEAD	0.	0.96	-32787.91	32788.39	No	No
3E7	0.47852	DEAD	121.02	1.14	-29429.38	29429.95	No	No
3E7	0.47852	DEAD	121.02	0.96	-32115.84	32116.32	No	No
3E7	0.47852	DEAD	164.38	0.88	-30724.53	30724.97	No	No
3E7	0.	Lr	-22.77	1.925E-02	-30534.5	30534.51	No	No
3E7	0.	Lr	-213.35	1.44	-31681.04	31681.76	No	No
3E7	0.	Lr	-146.15	1.16	-33104.8	33105.38	No	No
3E7	0.	Lr	-146.15	1.37	-29586.14	29586.83	No	No
3E7	0.	Lr	0.	1.01	-33023.71	33024.21	No	Yes
3E7	0.	Lr	0.	1.41	-28047.68	28048.38	No	No
3E7	0.	Lr	123.38	1.03	-31485.22	31485.74	No	No
3E7	0.	Lr	123.38	1.23	-27966.56	27967.18	Yes	No
3E7	0.	Lr	167.82	0.96	-29390.32	29390.8	No	No
3E7	0.23926	Lr	-22.77	1.925E-02	-30534.5	30534.51	No	No
3E7	0.23926	Lr	-213.35	1.47	-30883.46	30884.2	No	No
3E7	0.23926	Lr	-146.15	1.24	-31000.2	31000.82	No	No
3E7	0.23926	Lr	-146.15	1.33	-30562.79	30563.45	No	No
3E7	0.23926	Lr	0.	1.08	-30844.92	30845.46	No	Yes
3E7	0.23926	Lr	0.	1.31	-30226.43	30227.09	No	No
3E7	0.23926	Lr	123.38	1.06	-30508.57	30509.1	No	No
3E7	0.23926	Lr	123.38	1.15	-30071.16	30071.73	Yes	No

Table: Element Stresses - Frames, Part 2 of 4

Frame	Station	OutputCase	S13	SMax	SMin	SVM	IsS11Max	IsS12Max
	m		KN/m2	KN/m2	KN/m2	KN/m2		
3E7	0.23926	Lr	167.82	0.93	-30187.91	30188.38	No	No
3E7	0.47852	Lr	-22.77	1.925E-02	-30534.5	30534.51	No	No
3E7	0.47852	Lr	-213.35	1.51	-30085.89	30086.64	No	No
3E7	0.47852	Lr	-146.15	1.33	-28895.6	28896.27	No	No
3E7	0.47852	Lr	-146.15	1.29	-31539.43	31540.07	No	No
3E7	0.47852	Lr	0.	1.16	-28666.15	28666.73	Yes	Yes
3E7	0.47852	Lr	0.	1.22	-32405.2	32405.81	No	No
3E7	0.47852	Lr	123.38	1.09	-29531.92	29532.47	No	No
3E7	0.47852	Lr	123.38	1.07	-32175.77	32176.3	No	No
3E7	0.47852	Lr	167.82	0.91	-30985.5	30985.96	No	No
3E7	0.	Le	-10.2	8.625E-03	-13681.04	13681.05	No	No
3E7	0.	Le	-95.59	0.64	-14194.75	14195.07	No	No
3E7	0.	Le	-65.48	0.52	-14832.67	14832.93	No	No
3E7	0.	Le	-65.48	0.62	-13256.13	13256.44	No	No
3E7	0.	Le	0.	0.45	-14796.34	14796.56	No	Yes
3E7	0.	Le	0.	0.63	-12566.82	12567.13	No	No
3E7	0.	Le	55.28	0.46	-14107.02	14107.25	No	No
3E7	0.	Le	55.28	0.55	-12530.47	12530.75	Yes	No
3E7	0.	Le	75.19	0.43	-13168.39	13168.61	No	No
3E7	0.23926	Le	-10.2	8.625E-03	-13681.04	13681.05	No	No
3E7	0.23926	Le	-95.59	0.66	-13837.4	13837.73	No	No
3E7	0.23926	Le	-65.48	0.56	-13889.7	13889.98	No	No
3E7	0.23926	Le	-65.48	0.6	-13693.72	13694.01	No	No
3E7	0.23926	Le	0.	0.48	-13820.13	13820.37	No	Yes
3E7	0.23926	Le	0.	0.59	-13543.01	13543.3	No	No
3E7	0.23926	Le	55.28	0.47	-13669.42	13669.66	No	No
3E7	0.23926	Le	55.28	0.51	-13473.44	13473.7	Yes	No
3E7	0.23926	Le	75.19	0.42	-13525.75	13525.96	No	No
3E7	0.47852	Le	-10.2	8.625E-03	-13681.04	13681.05	No	No
3E7	0.47852	Le	-95.59	0.68	-13480.04	13480.38	No	No
3E7	0.47852	Le	-65.48	0.6	-12946.73	12947.03	No	No
3E7	0.47852	Le	-65.48	0.58	-14131.3	14131.59	No	No
3E7	0.47852	Le	0.	0.52	-12843.92	12844.18	Yes	Yes
3E7	0.47852	Le	0.	0.55	-14519.21	14519.49	No	No
3E7	0.47852	Le	55.28	0.49	-13231.83	13232.08	No	No
3E7	0.47852	Le	55.28	0.48	-14416.41	14416.65	No	No
3E7	0.47852	Le	75.19	0.41	-13883.11	13883.32	No	No

Table: Element Stresses - Frames, Part 3 of 4

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
1	0.	DEAD					No	
1	0.	DEAD					No	
1	0.	DEAD					Yes	
1	0.	DEAD					No	
1	0.20327	DEAD					No	
1	0.20327	DEAD					No	
1	0.20327	DEAD					Yes	
1	0.20327	DEAD					No	
1	0.	Lr					No	
1	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
1	0.	Lr					Yes	
1	0.	Lr					No	
1	0.20327	Lr					No	
1	0.20327	Lr					No	
1	0.20327	Lr					Yes	
1	0.20327	Lr					No	
1	0.	Le					No	
1	0.	Le					No	
1	0.	Le					Yes	
1	0.	Le					No	
1	0.20327	Le					No	
1	0.20327	Le					No	
1	0.20327	Le					Yes	
1	0.20327	Le					No	
2	0.	DEAD					No	
2	0.	DEAD					No	
2	0.	DEAD					Yes	
2	0.	DEAD					No	
2	0.4	DEAD					No	
2	0.4	DEAD					No	
2	0.4	DEAD					Yes	
2	0.4	DEAD					No	
2	0.	Lr					No	
2	0.	Lr					No	
2	0.	Lr					Yes	
2	0.	Lr					No	
2	0.4	Lr					No	
2	0.4	Lr					No	
2	0.4	Lr					Yes	
2	0.4	Lr					No	
2	0.	Le					No	
2	0.	Le					No	
2	0.	Le					Yes	
2	0.	Le					No	
2	0.4	Le					No	
2	0.4	Le					No	
2	0.4	Le					Yes	
2	0.4	Le					No	
3	0.	DEAD					No	
3	0.	DEAD					No	
3	0.	DEAD					Yes	
3	0.	DEAD					No	
3	0.4	DEAD					No	
3	0.4	DEAD					No	
3	0.4	DEAD					Yes	
3	0.4	DEAD					No	
3	0.	Lr					No	
3	0.	Lr					No	
3	0.	Lr					Yes	
3	0.	Lr					No	
3	0.4	Lr					No	
3	0.4	Lr					No	
3	0.4	Lr					Yes	
3	0.4	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3	0.	Le					No	
3	0.	Le					No	
3	0.	Le					Yes	
3	0.	Le					No	
3	0.4	Le					No	
3	0.4	Le					No	
3	0.4	Le					Yes	
3	0.4	Le					No	
4	0.	DEAD					No	
4	0.	DEAD					No	
4	0.	DEAD					Yes	
4	0.	DEAD					No	
4	0.4	DEAD					No	
4	0.4	DEAD					No	
4	0.4	DEAD					Yes	
4	0.4	DEAD					No	
4	0.	Lr					No	
4	0.	Lr					No	
4	0.	Lr					Yes	
4	0.	Lr					No	
4	0.4	Lr					No	
4	0.4	Lr					No	
4	0.4	Lr					Yes	
4	0.4	Lr					No	
4	0.	Le					No	
4	0.	Le					No	
4	0.	Le					Yes	
4	0.	Le					No	
4	0.4	Le					No	
4	0.4	Le					No	
4	0.4	Le					Yes	
4	0.4	Le					No	
5	0.	DEAD					No	
5	0.	DEAD					No	
5	0.	DEAD					Yes	
5	0.	DEAD					No	
5	0.4	DEAD					No	
5	0.4	DEAD					No	
5	0.4	DEAD					Yes	
5	0.4	DEAD					No	
5	0.	Lr					No	
5	0.	Lr					No	
5	0.	Lr					Yes	
5	0.	Lr					No	
5	0.4	Lr					No	
5	0.4	Lr					No	
5	0.4	Lr					Yes	
5	0.4	Lr					No	
5	0.	Le					No	
5	0.	Le					No	
5	0.	Le					Yes	
5	0.	Le					No	
5	0.4	Le					No	
5	0.4	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
5	0.4	Le					Yes	
5	0.4	Le					No	
6	0.	DEAD					No	
6	0.	DEAD					No	
6	0.	DEAD					Yes	
6	0.	DEAD					No	
6	0.4	DEAD					No	
6	0.4	DEAD					No	
6	0.4	DEAD					Yes	
6	0.4	DEAD					No	
6	0.	Lr					No	
6	0.	Lr					No	
6	0.	Lr					Yes	
6	0.	Lr					No	
6	0.4	Lr					No	
6	0.4	Lr					No	
6	0.4	Lr					Yes	
6	0.4	Lr					No	
6	0.	Le					No	
6	0.	Le					No	
6	0.	Le					Yes	
6	0.	Le					No	
6	0.4	Le					No	
6	0.4	Le					No	
6	0.4	Le					Yes	
6	0.4	Le					No	
7	0.	DEAD					No	
7	0.	DEAD					No	
7	0.	DEAD					Yes	
7	0.	DEAD					No	
7	0.4	DEAD					No	
7	0.4	DEAD					No	
7	0.4	DEAD					Yes	
7	0.4	DEAD					No	
7	0.	Lr					No	
7	0.	Lr					No	
7	0.	Lr					Yes	
7	0.	Lr					No	
7	0.4	Lr					No	
7	0.4	Lr					No	
7	0.4	Lr					Yes	
7	0.4	Lr					No	
7	0.	Le					No	
7	0.	Le					No	
7	0.	Le					Yes	
7	0.	Le					No	
7	0.4	Le					No	
7	0.4	Le					No	
7	0.4	Le					Yes	
7	0.4	Le					No	
8	0.	DEAD					No	
8	0.	DEAD					No	
8	0.	DEAD					Yes	
8	0.	DEAD					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
8	0.4	DEAD					No	
8	0.4	DEAD					No	
8	0.4	DEAD					Yes	
8	0.4	DEAD					No	
8	0.	Lr					No	
8	0.	Lr					No	
8	0.	Lr					Yes	
8	0.	Lr					No	
8	0.4	Lr					No	
8	0.4	Lr					No	
8	0.4	Lr					Yes	
8	0.4	Lr					No	
8	0.	Le					No	
8	0.	Le					No	
8	0.	Le					Yes	
8	0.	Le					No	
8	0.4	Le					No	
8	0.4	Le					No	
8	0.4	Le					Yes	
8	0.4	Le					No	
9	0.	DEAD					No	
9	0.	DEAD					No	
9	0.	DEAD					Yes	
9	0.	DEAD					No	
9	0.4	DEAD					No	
9	0.4	DEAD					No	
9	0.4	DEAD					Yes	
9	0.4	DEAD					No	
9	0.	Lr					No	
9	0.	Lr					No	
9	0.	Lr					Yes	
9	0.	Lr					No	
9	0.4	Lr					No	
9	0.4	Lr					No	
9	0.4	Lr					Yes	
9	0.4	Lr					No	
9	0.	Le					No	
9	0.	Le					No	
9	0.	Le					Yes	
9	0.	Le					No	
9	0.4	Le					No	
9	0.4	Le					No	
9	0.4	Le					Yes	
9	0.4	Le					No	
10	0.	DEAD					No	
10	0.	DEAD					No	
10	0.	DEAD					Yes	
10	0.	DEAD					No	
10	0.4	DEAD					No	
10	0.4	DEAD					No	
10	0.4	DEAD					Yes	
10	0.4	DEAD					No	
10	0.	Lr					No	
10	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
10	0.	Lr					Yes	
10	0.	Lr					No	
10	0.4	Lr					No	
10	0.4	Lr					No	
10	0.4	Lr					Yes	
10	0.4	Lr					No	
10	0.	Le					No	
10	0.	Le					No	
10	0.	Le					Yes	
10	0.	Le					No	
10	0.4	Le					No	
10	0.4	Le					No	
10	0.4	Le					Yes	
10	0.4	Le					No	
11	0.	DEAD					No	
11	0.	DEAD					No	
11	0.	DEAD					Yes	
11	0.	DEAD					No	
11	0.4	DEAD					No	
11	0.4	DEAD					No	
11	0.4	DEAD					Yes	
11	0.4	DEAD					No	
11	0.	Lr					No	
11	0.	Lr					No	
11	0.	Lr					Yes	
11	0.	Lr					No	
11	0.4	Lr					No	
11	0.4	Lr					No	
11	0.4	Lr					Yes	
11	0.4	Lr					No	
11	0.	Le					No	
11	0.	Le					No	
11	0.	Le					Yes	
11	0.	Le					No	
11	0.4	Le					No	
11	0.4	Le					No	
11	0.4	Le					Yes	
11	0.4	Le					No	
12	0.	DEAD					No	
12	0.	DEAD					No	
12	0.	DEAD					Yes	
12	0.	DEAD					No	
12	0.4	DEAD					No	
12	0.4	DEAD					No	
12	0.4	DEAD					Yes	
12	0.4	DEAD					No	
12	0.	Lr					No	
12	0.	Lr					No	
12	0.	Lr					Yes	
12	0.	Lr					No	
12	0.4	Lr					No	
12	0.4	Lr					No	
12	0.4	Lr					Yes	
12	0.4	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
12	0.	Le					No	
12	0.	Le					No	
12	0.	Le					Yes	
12	0.	Le					No	
12	0.4	Le					No	
12	0.4	Le					No	
12	0.4	Le					Yes	
12	0.4	Le					No	
13	0.	DEAD					No	
13	0.	DEAD					No	
13	0.	DEAD					Yes	
13	0.	DEAD					No	
13	0.4	DEAD					No	
13	0.4	DEAD					No	
13	0.4	DEAD					Yes	
13	0.4	DEAD					No	
13	0.	Lr					No	
13	0.	Lr					No	
13	0.	Lr					Yes	
13	0.	Lr					No	
13	0.4	Lr					No	
13	0.4	Lr					No	
13	0.4	Lr					Yes	
13	0.4	Lr					No	
13	0.	Le					No	
13	0.	Le					No	
13	0.	Le					Yes	
13	0.	Le					No	
13	0.4	Le					No	
13	0.4	Le					No	
13	0.4	Le					Yes	
13	0.4	Le					No	
14	0.	DEAD					No	
14	0.	DEAD					No	
14	0.	DEAD					Yes	
14	0.	DEAD					No	
14	0.33673	DEAD					No	
14	0.33673	DEAD					No	
14	0.33673	DEAD					Yes	
14	0.33673	DEAD					No	
14	0.	Lr					No	
14	0.	Lr					No	
14	0.	Lr					Yes	
14	0.	Lr					No	
14	0.33673	Lr					No	
14	0.33673	Lr					No	
14	0.33673	Lr					Yes	
14	0.33673	Lr					No	
14	0.	Le					No	
14	0.	Le					No	
14	0.	Le					Yes	
14	0.	Le					No	
14	0.33673	Le					No	
14	0.33673	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
14	0.33673	Le					Yes	
14	0.33673	Le					No	
16	0.	DEAD					No	
16	0.	DEAD					No	
16	0.	DEAD					Yes	
16	0.	DEAD					No	
16	0.20327	DEAD					No	
16	0.20327	DEAD					No	
16	0.20327	DEAD					No	
16	0.20327	DEAD					Yes	
16	0.	Lr					No	
16	0.	Lr					No	
16	0.	Lr					Yes	
16	0.	Lr					No	
16	0.20327	Lr					No	
16	0.20327	Lr					No	
16	0.20327	Lr					No	
16	0.20327	Lr					Yes	
16	0.	Le					No	
16	0.	Le					No	
16	0.	Le					Yes	
16	0.	Le					No	
16	0.20327	Le					No	
16	0.20327	Le					No	
16	0.20327	Le					No	
16	0.20327	Le					Yes	
17	0.	DEAD					No	
17	0.	DEAD					No	
17	0.	DEAD					Yes	
17	0.	DEAD					No	
17	0.4	DEAD					No	
17	0.4	DEAD					No	
17	0.4	DEAD					No	
17	0.4	DEAD					Yes	
17	0.	Lr					No	
17	0.	Lr					No	
17	0.	Lr					Yes	
17	0.	Lr					No	
17	0.4	Lr					No	
17	0.4	Lr					No	
17	0.4	Lr					No	
17	0.4	Lr					Yes	
17	0.	Le					No	
17	0.	Le					No	
17	0.	Le					Yes	
17	0.	Le					No	
17	0.4	Le					No	
17	0.4	Le					No	
17	0.4	Le					No	
17	0.4	Le					Yes	
18	0.	DEAD					No	
18	0.	DEAD					No	
18	0.	DEAD					Yes	
18	0.	DEAD					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
18	0.4	DEAD					No	
18	0.4	DEAD					No	
18	0.4	DEAD					No	
18	0.4	DEAD					Yes	
18	0.	Lr					No	
18	0.	Lr					No	
18	0.	Lr					Yes	
18	0.	Lr					No	
18	0.4	Lr					No	
18	0.4	Lr					No	
18	0.4	Lr					No	
18	0.4	Lr					Yes	
18	0.	Le					No	
18	0.	Le					No	
18	0.	Le					Yes	
18	0.	Le					No	
18	0.4	Le					No	
18	0.4	Le					No	
18	0.4	Le					No	
18	0.4	Le					Yes	
19	0.	DEAD					No	
19	0.	DEAD					No	
19	0.	DEAD					No	
19	0.	DEAD					Yes	
19	0.4	DEAD					No	
19	0.4	DEAD					No	
19	0.4	DEAD					No	
19	0.4	DEAD					Yes	
19	0.	Lr					No	
19	0.	Lr					No	
19	0.	Lr					No	
19	0.	Lr					Yes	
19	0.4	Lr					No	
19	0.4	Lr					No	
19	0.4	Lr					No	
19	0.4	Lr					Yes	
19	0.	Le					No	
19	0.	Le					No	
19	0.	Le					No	
19	0.	Le					Yes	
19	0.4	Le					No	
19	0.4	Le					No	
19	0.4	Le					No	
19	0.4	Le					Yes	
20	0.	DEAD					No	
20	0.	DEAD					No	
20	0.	DEAD					No	
20	0.	DEAD					Yes	
20	0.4	DEAD					No	
20	0.4	DEAD					No	
20	0.4	DEAD					No	
20	0.4	DEAD					Yes	
20	0.	Lr					No	
20	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
20	0.	Lr					No	
20	0.	Lr					Yes	
20	0.4	Lr					No	
20	0.4	Lr					No	
20	0.4	Lr					No	
20	0.4	Lr					Yes	
20	0.	Le					No	
20	0.	Le					No	
20	0.	Le					No	
20	0.	Le					Yes	
20	0.4	Le					No	
20	0.4	Le					No	
20	0.4	Le					No	
20	0.4	Le					Yes	
21	0.	DEAD					No	
21	0.	DEAD					No	
21	0.	DEAD					No	
21	0.	DEAD					Yes	
21	0.4	DEAD					No	
21	0.4	DEAD					No	
21	0.4	DEAD					No	
21	0.4	DEAD					Yes	
21	0.	Lr					No	
21	0.	Lr					No	
21	0.	Lr					No	
21	0.	Lr					Yes	
21	0.4	Lr					No	
21	0.4	Lr					No	
21	0.4	Lr					No	
21	0.4	Lr					Yes	
21	0.	Le					No	
21	0.	Le					No	
21	0.	Le					No	
21	0.	Le					Yes	
21	0.4	Le					No	
21	0.4	Le					No	
21	0.4	Le					No	
21	0.4	Le					Yes	
22	0.	DEAD					No	
22	0.	DEAD					No	
22	0.	DEAD					No	
22	0.	DEAD					Yes	
22	0.4	DEAD					No	
22	0.4	DEAD					No	
22	0.4	DEAD					No	
22	0.4	DEAD					Yes	
22	0.	Lr					No	
22	0.	Lr					No	
22	0.	Lr					No	
22	0.	Lr					Yes	
22	0.4	Lr					No	
22	0.4	Lr					No	
22	0.4	Lr					No	
22	0.4	Lr					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
22	0.	Le					No	
22	0.	Le					No	
22	0.	Le					No	
22	0.	Le					Yes	
22	0.4	Le					No	
22	0.4	Le					No	
22	0.4	Le					No	
22	0.4	Le					Yes	
23	0.	DEAD					No	
23	0.	DEAD					No	
23	0.	DEAD					No	
23	0.	DEAD					Yes	
23	0.4	DEAD					No	
23	0.4	DEAD					No	
23	0.4	DEAD					No	
23	0.4	DEAD					Yes	
23	0.	Lr					No	
23	0.	Lr					No	
23	0.	Lr					No	
23	0.	Lr					Yes	
23	0.4	Lr					No	
23	0.4	Lr					No	
23	0.4	Lr					No	
23	0.4	Lr					Yes	
23	0.	Le					No	
23	0.	Le					No	
23	0.	Le					No	
23	0.	Le					Yes	
23	0.4	Le					No	
23	0.4	Le					No	
23	0.4	Le					No	
23	0.4	Le					Yes	
24	0.	DEAD					No	
24	0.	DEAD					No	
24	0.	DEAD					No	
24	0.	DEAD					Yes	
24	0.4	DEAD					No	
24	0.4	DEAD					No	
24	0.4	DEAD					No	
24	0.4	DEAD					Yes	
24	0.	Lr					No	
24	0.	Lr					No	
24	0.	Lr					No	
24	0.	Lr					Yes	
24	0.4	Lr					No	
24	0.4	Lr					No	
24	0.4	Lr					No	
24	0.4	Lr					Yes	
24	0.	Le					No	
24	0.	Le					No	
24	0.	Le					No	
24	0.	Le					Yes	
24	0.4	Le					No	
24	0.4	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
24	0.4	Le					No	
24	0.4	Le					Yes	
25	0.	DEAD					No	
25	0.	DEAD					No	
25	0.	DEAD					No	
25	0.	DEAD					Yes	
25	0.4	DEAD					No	
25	0.4	DEAD					No	
25	0.4	DEAD					No	
25	0.4	DEAD					Yes	
25	0.	Lr					No	
25	0.	Lr					No	
25	0.	Lr					No	
25	0.	Lr					Yes	
25	0.4	Lr					No	
25	0.4	Lr					No	
25	0.4	Lr					No	
25	0.4	Lr					Yes	
25	0.	Le					No	
25	0.	Le					No	
25	0.	Le					No	
25	0.	Le					Yes	
25	0.4	Le					No	
25	0.4	Le					No	
25	0.4	Le					No	
25	0.4	Le					Yes	
26	0.	DEAD					No	
26	0.	DEAD					No	
26	0.	DEAD					No	
26	0.	DEAD					Yes	
26	0.4	DEAD					No	
26	0.4	DEAD					No	
26	0.4	DEAD					No	
26	0.4	DEAD					Yes	
26	0.	Lr					No	
26	0.	Lr					No	
26	0.	Lr					No	
26	0.	Lr					Yes	
26	0.4	Lr					No	
26	0.4	Lr					No	
26	0.4	Lr					No	
26	0.4	Lr					Yes	
26	0.	Le					No	
26	0.	Le					No	
26	0.	Le					No	
26	0.	Le					Yes	
26	0.4	Le					No	
26	0.4	Le					No	
26	0.4	Le					No	
26	0.4	Le					Yes	
27	0.	DEAD					No	
27	0.	DEAD					No	
27	0.	DEAD					No	
27	0.	DEAD					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
27	0.4	DEAD					No	
27	0.4	DEAD					No	
27	0.4	DEAD					Yes	
27	0.4	DEAD					No	
27	0.	Lr					No	
27	0.	Lr					No	
27	0.	Lr					No	
27	0.	Lr					Yes	
27	0.4	Lr					No	
27	0.4	Lr					No	
27	0.4	Lr					Yes	
27	0.4	Lr					No	
27	0.	Le					No	
27	0.	Le					No	
27	0.	Le					No	
27	0.	Le					Yes	
27	0.4	Le					No	
27	0.4	Le					No	
27	0.4	Le					Yes	
27	0.4	Le					No	
28	0.	DEAD					No	
28	0.	DEAD					No	
28	0.	DEAD					No	
28	0.	DEAD					Yes	
28	0.4	DEAD					No	
28	0.4	DEAD					No	
28	0.4	DEAD					Yes	
28	0.4	DEAD					No	
28	0.	Lr					No	
28	0.	Lr					No	
28	0.	Lr					No	
28	0.	Lr					Yes	
28	0.4	Lr					No	
28	0.4	Lr					No	
28	0.4	Lr					Yes	
28	0.4	Lr					No	
28	0.	Le					No	
28	0.	Le					No	
28	0.	Le					No	
28	0.	Le					Yes	
28	0.4	Le					No	
28	0.4	Le					No	
28	0.4	Le					Yes	
28	0.4	Le					No	
29	0.	DEAD					No	
29	0.	DEAD					No	
29	0.	DEAD					No	
29	0.	DEAD					Yes	
29	0.33673	DEAD					No	
29	0.33673	DEAD					No	
29	0.33673	DEAD					Yes	
29	0.33673	DEAD					No	
29	0.	Lr					No	
29	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
29	0.	Lr					No	
29	0.	Lr					Yes	
29	0.33673	Lr					No	
29	0.33673	Lr					No	
29	0.33673	Lr					Yes	
29	0.33673	Lr					No	
29	0.	Le					No	
29	0.	Le					No	
29	0.	Le					No	
29	0.	Le					Yes	
29	0.33673	Le					No	
29	0.33673	Le					No	
29	0.33673	Le					Yes	
29	0.33673	Le					No	
30	0.	DEAD					No	
30	0.	DEAD					No	
30	0.	DEAD					Yes	
30	0.	DEAD					No	
30	0.20327	DEAD					No	
30	0.20327	DEAD					No	
30	0.20327	DEAD					Yes	
30	0.20327	DEAD					No	
30	0.	Lr					No	
30	0.	Lr					No	
30	0.	Lr					Yes	
30	0.	Lr					No	
30	0.20327	Lr					No	
30	0.20327	Lr					No	
30	0.20327	Lr					Yes	
30	0.20327	Lr					No	
30	0.	Le					No	
30	0.	Le					No	
30	0.	Le					Yes	
30	0.	Le					No	
30	0.20327	Le					No	
30	0.20327	Le					No	
30	0.20327	Le					Yes	
30	0.20327	Le					No	
31	0.	DEAD					No	
31	0.	DEAD					No	
31	0.	DEAD					Yes	
31	0.	DEAD					No	
31	0.4	DEAD					No	
31	0.4	DEAD					No	
31	0.4	DEAD					Yes	
31	0.4	DEAD					No	
31	0.	Lr					No	
31	0.	Lr					No	
31	0.	Lr					Yes	
31	0.	Lr					No	
31	0.4	Lr					No	
31	0.4	Lr					No	
31	0.4	Lr					Yes	
31	0.4	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
31	0.	Le					No	
31	0.	Le					No	
31	0.	Le					Yes	
31	0.	Le					No	
31	0.4	Le					No	
31	0.4	Le					No	
31	0.4	Le					Yes	
31	0.4	Le					No	
32	0.	DEAD					No	
32	0.	DEAD					No	
32	0.	DEAD					Yes	
32	0.	DEAD					No	
32	0.4	DEAD					No	
32	0.4	DEAD					No	
32	0.4	DEAD					Yes	
32	0.4	DEAD					No	
32	0.	Lr					No	
32	0.	Lr					No	
32	0.	Lr					Yes	
32	0.	Lr					No	
32	0.4	Lr					No	
32	0.4	Lr					No	
32	0.4	Lr					Yes	
32	0.4	Lr					No	
32	0.	Le					No	
32	0.	Le					No	
32	0.	Le					Yes	
32	0.	Le					No	
32	0.4	Le					No	
32	0.4	Le					No	
32	0.4	Le					Yes	
32	0.4	Le					No	
33	0.	DEAD					No	
33	0.	DEAD					No	
33	0.	DEAD					Yes	
33	0.	DEAD					No	
33	0.4	DEAD					No	
33	0.4	DEAD					No	
33	0.4	DEAD					Yes	
33	0.4	DEAD					No	
33	0.	Lr					No	
33	0.	Lr					No	
33	0.	Lr					Yes	
33	0.	Lr					No	
33	0.4	Lr					No	
33	0.4	Lr					No	
33	0.4	Lr					Yes	
33	0.4	Lr					No	
33	0.	Le					No	
33	0.	Le					No	
33	0.	Le					Yes	
33	0.	Le					No	
33	0.4	Le					No	
33	0.4	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
33	0.4	Le					Yes	
33	0.4	Le					No	
34	0.	DEAD					No	
34	0.	DEAD					No	
34	0.	DEAD					Yes	
34	0.	DEAD					No	
34	0.4	DEAD					No	
34	0.4	DEAD					No	
34	0.4	DEAD					Yes	
34	0.4	DEAD					No	
34	0.	Lr					No	
34	0.	Lr					No	
34	0.	Lr					Yes	
34	0.	Lr					No	
34	0.4	Lr					No	
34	0.4	Lr					No	
34	0.4	Lr					Yes	
34	0.4	Lr					No	
34	0.	Le					No	
34	0.	Le					No	
34	0.	Le					Yes	
34	0.	Le					No	
34	0.4	Le					No	
34	0.4	Le					No	
34	0.4	Le					Yes	
34	0.4	Le					No	
35	0.	DEAD					No	
35	0.	DEAD					No	
35	0.	DEAD					Yes	
35	0.	DEAD					No	
35	0.4	DEAD					No	
35	0.4	DEAD					No	
35	0.4	DEAD					Yes	
35	0.4	DEAD					No	
35	0.	Lr					No	
35	0.	Lr					No	
35	0.	Lr					Yes	
35	0.	Lr					No	
35	0.4	Lr					No	
35	0.4	Lr					No	
35	0.4	Lr					Yes	
35	0.4	Lr					No	
35	0.	Le					No	
35	0.	Le					No	
35	0.	Le					Yes	
35	0.	Le					No	
35	0.4	Le					No	
35	0.4	Le					No	
35	0.4	Le					Yes	
35	0.4	Le					No	
36	0.	DEAD					No	
36	0.	DEAD					No	
36	0.	DEAD					Yes	
36	0.	DEAD					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
36	0.4	DEAD					No	
36	0.4	DEAD					No	
36	0.4	DEAD					Yes	
36	0.4	DEAD					No	
36	0.	Lr					No	
36	0.	Lr					No	
36	0.	Lr					Yes	
36	0.	Lr					No	
36	0.4	Lr					No	
36	0.4	Lr					No	
36	0.4	Lr					Yes	
36	0.4	Lr					No	
36	0.	Le					No	
36	0.	Le					No	
36	0.	Le					Yes	
36	0.	Le					No	
36	0.4	Le					No	
36	0.4	Le					No	
36	0.4	Le					Yes	
36	0.4	Le					No	
37	0.	DEAD					No	
37	0.	DEAD					No	
37	0.	DEAD					Yes	
37	0.	DEAD					No	
37	0.4	DEAD					No	
37	0.4	DEAD					No	
37	0.4	DEAD					Yes	
37	0.4	DEAD					No	
37	0.	Lr					No	
37	0.	Lr					No	
37	0.	Lr					Yes	
37	0.	Lr					No	
37	0.4	Lr					No	
37	0.4	Lr					No	
37	0.4	Lr					Yes	
37	0.4	Lr					No	
37	0.	Le					No	
37	0.	Le					No	
37	0.	Le					Yes	
37	0.	Le					No	
37	0.4	Le					No	
37	0.4	Le					No	
37	0.4	Le					Yes	
37	0.4	Le					No	
38	0.	DEAD					No	
38	0.	DEAD					No	
38	0.	DEAD					Yes	
38	0.	DEAD					No	
38	0.4	DEAD					No	
38	0.4	DEAD					No	
38	0.4	DEAD					Yes	
38	0.4	DEAD					No	
38	0.	Lr					No	
38	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
38	0.	Lr					Yes	
38	0.	Lr					No	
38	0.4	Lr					No	
38	0.4	Lr					No	
38	0.4	Lr					Yes	
38	0.4	Lr					No	
38	0.	Le					No	
38	0.	Le					No	
38	0.	Le					Yes	
38	0.	Le					No	
38	0.4	Le					No	
38	0.4	Le					No	
38	0.4	Le					Yes	
38	0.4	Le					No	
39	0.	DEAD					No	
39	0.	DEAD					No	
39	0.	DEAD					Yes	
39	0.	DEAD					No	
39	0.4	DEAD					No	
39	0.4	DEAD					No	
39	0.4	DEAD					Yes	
39	0.4	DEAD					No	
39	0.	Lr					No	
39	0.	Lr					No	
39	0.	Lr					Yes	
39	0.	Lr					No	
39	0.4	Lr					No	
39	0.4	Lr					No	
39	0.4	Lr					Yes	
39	0.4	Lr					No	
39	0.	Le					No	
39	0.	Le					No	
39	0.	Le					Yes	
39	0.	Le					No	
39	0.4	Le					No	
39	0.4	Le					No	
39	0.4	Le					Yes	
39	0.4	Le					No	
40	0.	DEAD					No	
40	0.	DEAD					No	
40	0.	DEAD					Yes	
40	0.	DEAD					No	
40	0.4	DEAD					No	
40	0.4	DEAD					No	
40	0.4	DEAD					Yes	
40	0.4	DEAD					No	
40	0.	Lr					No	
40	0.	Lr					No	
40	0.	Lr					Yes	
40	0.	Lr					No	
40	0.4	Lr					No	
40	0.4	Lr					No	
40	0.4	Lr					Yes	
40	0.4	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
40	0.	Le					No	
40	0.	Le					No	
40	0.	Le					Yes	
40	0.	Le					No	
40	0.4	Le					No	
40	0.4	Le					No	
40	0.4	Le					Yes	
40	0.4	Le					No	
41	0.	DEAD					No	
41	0.	DEAD					No	
41	0.	DEAD					Yes	
41	0.	DEAD					No	
41	0.4	DEAD					No	
41	0.4	DEAD					No	
41	0.4	DEAD					Yes	
41	0.4	DEAD					No	
41	0.	Lr					No	
41	0.	Lr					No	
41	0.	Lr					Yes	
41	0.	Lr					No	
41	0.4	Lr					No	
41	0.4	Lr					No	
41	0.4	Lr					Yes	
41	0.4	Lr					No	
41	0.	Le					No	
41	0.	Le					No	
41	0.	Le					Yes	
41	0.	Le					No	
41	0.4	Le					No	
41	0.4	Le					No	
41	0.4	Le					Yes	
41	0.4	Le					No	
42	0.	DEAD					No	
42	0.	DEAD					No	
42	0.	DEAD					Yes	
42	0.	DEAD					No	
42	0.4	DEAD					No	
42	0.4	DEAD					No	
42	0.4	DEAD					Yes	
42	0.4	DEAD					No	
42	0.	Lr					No	
42	0.	Lr					No	
42	0.	Lr					Yes	
42	0.	Lr					No	
42	0.4	Lr					No	
42	0.4	Lr					No	
42	0.4	Lr					Yes	
42	0.4	Lr					No	
42	0.	Le					No	
42	0.	Le					No	
42	0.	Le					Yes	
42	0.	Le					No	
42	0.4	Le					No	
42	0.4	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
42	0.4	Le					Yes	
42	0.4	Le					No	
43	0.	DEAD					No	
43	0.	DEAD					No	
43	0.	DEAD					Yes	
43	0.	DEAD					No	
43	0.33673	DEAD					No	
43	0.33673	DEAD					No	
43	0.33673	DEAD					Yes	
43	0.33673	DEAD					No	
43	0.	Lr					No	
43	0.	Lr					No	
43	0.	Lr					Yes	
43	0.	Lr					No	
43	0.33673	Lr					No	
43	0.33673	Lr					No	
43	0.33673	Lr					Yes	
43	0.33673	Lr					No	
43	0.	Le					No	
43	0.	Le					No	
43	0.	Le					Yes	
43	0.	Le					No	
43	0.33673	Le					No	
43	0.33673	Le					No	
43	0.33673	Le					Yes	
43	0.33673	Le					No	
44	0.	DEAD					No	
44	0.	DEAD					No	
44	0.	DEAD					Yes	
44	0.	DEAD					No	
44	0.20327	DEAD					No	
44	0.20327	DEAD					No	
44	0.20327	DEAD					No	
44	0.20327	DEAD					Yes	
44	0.	Lr					No	
44	0.	Lr					No	
44	0.	Lr					Yes	
44	0.	Lr					No	
44	0.20327	Lr					No	
44	0.20327	Lr					No	
44	0.20327	Lr					No	
44	0.20327	Lr					Yes	
44	0.	Le					No	
44	0.	Le					No	
44	0.	Le					Yes	
44	0.	Le					No	
44	0.20327	Le					No	
44	0.20327	Le					No	
44	0.20327	Le					No	
44	0.20327	Le					Yes	
45	0.	DEAD					No	
45	0.	DEAD					No	
45	0.	DEAD					Yes	
45	0.	DEAD					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
45	0.4	DEAD					No	
45	0.4	DEAD					No	
45	0.4	DEAD					No	
45	0.4	DEAD					Yes	
45	0.	Lr					No	
45	0.	Lr					No	
45	0.	Lr					Yes	
45	0.	Lr					No	
45	0.4	Lr					No	
45	0.4	Lr					No	
45	0.4	Lr					No	
45	0.4	Lr					Yes	
45	0.	Le					No	
45	0.	Le					No	
45	0.	Le					Yes	
45	0.	Le					No	
45	0.4	Le					No	
45	0.4	Le					No	
45	0.4	Le					No	
45	0.4	Le					Yes	
46	0.	DEAD					No	
46	0.	DEAD					No	
46	0.	DEAD					Yes	
46	0.	DEAD					No	
46	0.4	DEAD					No	
46	0.4	DEAD					No	
46	0.4	DEAD					No	
46	0.4	DEAD					Yes	
46	0.	Lr					No	
46	0.	Lr					No	
46	0.	Lr					Yes	
46	0.	Lr					No	
46	0.4	Lr					No	
46	0.4	Lr					No	
46	0.4	Lr					No	
46	0.4	Lr					Yes	
46	0.	Le					No	
46	0.	Le					No	
46	0.	Le					Yes	
46	0.	Le					No	
46	0.4	Le					No	
46	0.4	Le					No	
46	0.4	Le					No	
46	0.4	Le					Yes	
47	0.	DEAD					No	
47	0.	DEAD					No	
47	0.	DEAD					No	
47	0.	DEAD					Yes	
47	0.4	DEAD					No	
47	0.4	DEAD					No	
47	0.4	DEAD					No	
47	0.4	DEAD					Yes	
47	0.	Lr					No	
47	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
47	0.	Lr					No	
47	0.	Lr					Yes	
47	0.4	Lr					No	
47	0.4	Lr					No	
47	0.4	Lr					No	
47	0.4	Lr					Yes	
47	0.	Le					No	
47	0.	Le					No	
47	0.	Le					No	
47	0.	Le					Yes	
47	0.4	Le					No	
47	0.4	Le					No	
47	0.4	Le					No	
47	0.4	Le					Yes	
48	0.	DEAD					No	
48	0.	DEAD					No	
48	0.	DEAD					No	
48	0.	DEAD					Yes	
48	0.4	DEAD					No	
48	0.4	DEAD					No	
48	0.4	DEAD					No	
48	0.4	DEAD					Yes	
48	0.	Lr					No	
48	0.	Lr					No	
48	0.	Lr					No	
48	0.	Lr					Yes	
48	0.4	Lr					No	
48	0.4	Lr					No	
48	0.4	Lr					No	
48	0.4	Lr					Yes	
48	0.	Le					No	
48	0.	Le					No	
48	0.	Le					No	
48	0.	Le					Yes	
48	0.4	Le					No	
48	0.4	Le					No	
48	0.4	Le					No	
48	0.4	Le					Yes	
49	0.	DEAD					No	
49	0.	DEAD					No	
49	0.	DEAD					No	
49	0.	DEAD					Yes	
49	0.4	DEAD					No	
49	0.4	DEAD					No	
49	0.4	DEAD					No	
49	0.4	DEAD					Yes	
49	0.	Lr					No	
49	0.	Lr					No	
49	0.	Lr					No	
49	0.	Lr					Yes	
49	0.4	Lr					No	
49	0.4	Lr					No	
49	0.4	Lr					No	
49	0.4	Lr					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
49	0.	Le					No	
49	0.	Le					No	
49	0.	Le					No	
49	0.	Le					Yes	
49	0.4	Le					No	
49	0.4	Le					No	
49	0.4	Le					No	
49	0.4	Le					Yes	
50	0.	DEAD					No	
50	0.	DEAD					No	
50	0.	DEAD					No	
50	0.	DEAD					Yes	
50	0.4	DEAD					No	
50	0.4	DEAD					No	
50	0.4	DEAD					No	
50	0.4	DEAD					Yes	
50	0.	Lr					No	
50	0.	Lr					No	
50	0.	Lr					No	
50	0.	Lr					Yes	
50	0.4	Lr					No	
50	0.4	Lr					No	
50	0.4	Lr					No	
50	0.4	Lr					Yes	
50	0.	Le					No	
50	0.	Le					No	
50	0.	Le					No	
50	0.	Le					Yes	
50	0.4	Le					No	
50	0.4	Le					No	
50	0.4	Le					No	
50	0.4	Le					Yes	
51	0.	DEAD					No	
51	0.	DEAD					No	
51	0.	DEAD					No	
51	0.	DEAD					Yes	
51	0.4	DEAD					No	
51	0.4	DEAD					No	
51	0.4	DEAD					No	
51	0.4	DEAD					Yes	
51	0.	Lr					No	
51	0.	Lr					No	
51	0.	Lr					No	
51	0.	Lr					Yes	
51	0.4	Lr					No	
51	0.4	Lr					No	
51	0.4	Lr					No	
51	0.4	Lr					Yes	
51	0.	Le					No	
51	0.	Le					No	
51	0.	Le					No	
51	0.	Le					Yes	
51	0.4	Le					No	
51	0.4	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
51	0.4	Le					No	
51	0.4	Le					Yes	
52	0.	DEAD					No	
52	0.	DEAD					No	
52	0.	DEAD					No	
52	0.	DEAD					Yes	
52	0.4	DEAD					No	
52	0.4	DEAD					No	
52	0.4	DEAD					No	
52	0.4	DEAD					Yes	
52	0.	Lr					No	
52	0.	Lr					No	
52	0.	Lr					No	
52	0.	Lr					Yes	
52	0.4	Lr					No	
52	0.4	Lr					No	
52	0.4	Lr					No	
52	0.4	Lr					Yes	
52	0.	Le					No	
52	0.	Le					No	
52	0.	Le					No	
52	0.	Le					Yes	
52	0.4	Le					No	
52	0.4	Le					No	
52	0.4	Le					No	
52	0.4	Le					Yes	
53	0.	DEAD					No	
53	0.	DEAD					No	
53	0.	DEAD					No	
53	0.	DEAD					Yes	
53	0.4	DEAD					No	
53	0.4	DEAD					No	
53	0.4	DEAD					No	
53	0.4	DEAD					Yes	
53	0.	Lr					No	
53	0.	Lr					No	
53	0.	Lr					No	
53	0.	Lr					Yes	
53	0.4	Lr					No	
53	0.4	Lr					No	
53	0.4	Lr					No	
53	0.4	Lr					Yes	
53	0.	Le					No	
53	0.	Le					No	
53	0.	Le					No	
53	0.	Le					Yes	
53	0.4	Le					No	
53	0.4	Le					No	
53	0.4	Le					No	
53	0.4	Le					Yes	
54	0.	DEAD					No	
54	0.	DEAD					No	
54	0.	DEAD					No	
54	0.	DEAD					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
54	0.4	DEAD					No	
54	0.4	DEAD					No	
54	0.4	DEAD					No	
54	0.4	DEAD					Yes	
54	0.	Lr					No	
54	0.	Lr					No	
54	0.	Lr					No	
54	0.	Lr					Yes	
54	0.4	Lr					No	
54	0.4	Lr					No	
54	0.4	Lr					No	
54	0.4	Lr					Yes	
54	0.	Le					No	
54	0.	Le					No	
54	0.	Le					No	
54	0.	Le					Yes	
54	0.4	Le					No	
54	0.4	Le					No	
54	0.4	Le					No	
54	0.4	Le					Yes	
55	0.	DEAD					No	
55	0.	DEAD					No	
55	0.	DEAD					No	
55	0.	DEAD					Yes	
55	0.4	DEAD					No	
55	0.4	DEAD					No	
55	0.4	DEAD					Yes	
55	0.4	DEAD					No	
55	0.	Lr					No	
55	0.	Lr					No	
55	0.	Lr					No	
55	0.	Lr					Yes	
55	0.4	Lr					No	
55	0.4	Lr					No	
55	0.4	Lr					Yes	
55	0.4	Lr					No	
55	0.	Le					No	
55	0.	Le					No	
55	0.	Le					No	
55	0.	Le					Yes	
55	0.4	Le					No	
55	0.4	Le					No	
55	0.4	Le					Yes	
55	0.4	Le					No	
56	0.	DEAD					No	
56	0.	DEAD					No	
56	0.	DEAD					No	
56	0.	DEAD					Yes	
56	0.4	DEAD					No	
56	0.4	DEAD					No	
56	0.4	DEAD					Yes	
56	0.4	DEAD					No	
56	0.	Lr					No	
56	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
56	0.	Lr					No	
56	0.	Lr					Yes	
56	0.4	Lr					No	
56	0.4	Lr					No	
56	0.4	Lr					Yes	
56	0.4	Lr					No	
56	0.	Le					No	
56	0.	Le					No	
56	0.	Le					No	
56	0.	Le					Yes	
56	0.4	Le					No	
56	0.4	Le					No	
56	0.4	Le					Yes	
56	0.4	Le					No	
57	0.	DEAD					No	
57	0.	DEAD					No	
57	0.	DEAD					No	
57	0.	DEAD					Yes	
57	0.33673	DEAD					No	
57	0.33673	DEAD					No	
57	0.33673	DEAD					Yes	
57	0.33673	DEAD					No	
57	0.	Lr					No	
57	0.	Lr					No	
57	0.	Lr					No	
57	0.	Lr					Yes	
57	0.33673	Lr					No	
57	0.33673	Lr					No	
57	0.33673	Lr					Yes	
57	0.33673	Lr					No	
57	0.	Le					No	
57	0.	Le					No	
57	0.	Le					No	
57	0.	Le					Yes	
57	0.33673	Le					No	
57	0.33673	Le					No	
57	0.33673	Le					Yes	
57	0.33673	Le					No	
306	0.	DEAD					No	
306	0.	DEAD					No	
306	0.	DEAD					Yes	
306	0.	DEAD					No	
306	0.17	DEAD					No	
306	0.17	DEAD					No	
306	0.17	DEAD					No	
306	0.17	DEAD					Yes	
306	0.34	DEAD					No	
306	0.34	DEAD					No	
306	0.34	DEAD					No	
306	0.34	DEAD					Yes	
306	0.	Lr					No	
306	0.	Lr					No	
306	0.	Lr					Yes	
306	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
306	0.17	Lr					No	
306	0.17	Lr					No	
306	0.17	Lr					No	
306	0.17	Lr					Yes	
306	0.34	Lr					No	
306	0.34	Lr					No	
306	0.34	Lr					No	
306	0.34	Lr					Yes	
306	0.	Le					No	
306	0.	Le					No	
306	0.	Le					Yes	
306	0.	Le					No	
306	0.17	Le					No	
306	0.17	Le					No	
306	0.17	Le					No	
306	0.17	Le					Yes	
306	0.34	Le					No	
306	0.34	Le					No	
306	0.34	Le					No	
306	0.34	Le					Yes	
307	0.	DEAD					No	
307	0.	DEAD					No	
307	0.	DEAD					Yes	
307	0.	DEAD					No	
307	0.17	DEAD					No	
307	0.17	DEAD					Yes	
307	0.17	DEAD					No	
307	0.17	DEAD					No	
307	0.34	DEAD					No	
307	0.34	DEAD					No	
307	0.34	DEAD					No	
307	0.34	DEAD					Yes	
307	0.	Lr					No	
307	0.	Lr					No	
307	0.	Lr					Yes	
307	0.	Lr					No	
307	0.17	Lr					No	
307	0.17	Lr					Yes	
307	0.17	Lr					No	
307	0.17	Lr					No	
307	0.34	Lr					No	
307	0.34	Lr					No	
307	0.34	Lr					No	
307	0.34	Lr					Yes	
307	0.	Le					No	
307	0.	Le					No	
307	0.	Le					Yes	
307	0.	Le					No	
307	0.17	Le					No	
307	0.17	Le					Yes	
307	0.17	Le					No	
307	0.17	Le					No	
307	0.34	Le					No	
307	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
307	0.34	Le					No	
307	0.34	Le					Yes	
308	0.	DEAD					No	
308	0.	DEAD					No	
308	0.	DEAD					Yes	
308	0.	DEAD					No	
308	0.17	DEAD					No	
308	0.17	DEAD					No	
308	0.17	DEAD					No	
308	0.17	DEAD					Yes	
308	0.34	DEAD					No	
308	0.34	DEAD					No	
308	0.34	DEAD					No	
308	0.34	DEAD					Yes	
308	0.	Lr					No	
308	0.	Lr					No	
308	0.	Lr					Yes	
308	0.	Lr					No	
308	0.17	Lr					No	
308	0.17	Lr					No	
308	0.17	Lr					No	
308	0.17	Lr					Yes	
308	0.34	Lr					No	
308	0.34	Lr					No	
308	0.34	Lr					No	
308	0.34	Lr					Yes	
308	0.	Le					No	
308	0.	Le					No	
308	0.	Le					Yes	
308	0.	Le					No	
308	0.17	Le					No	
308	0.17	Le					No	
308	0.17	Le					No	
308	0.17	Le					Yes	
308	0.34	Le					No	
308	0.34	Le					No	
308	0.34	Le					No	
308	0.34	Le					Yes	
309	0.	DEAD					No	
309	0.	DEAD					No	
309	0.	DEAD					Yes	
309	0.	DEAD					No	
309	0.17	DEAD					No	
309	0.17	DEAD					Yes	
309	0.17	DEAD					No	
309	0.17	DEAD					No	
309	0.34	DEAD					No	
309	0.34	DEAD					No	
309	0.34	DEAD					No	
309	0.34	DEAD					Yes	
309	0.	Lr					No	
309	0.	Lr					No	
309	0.	Lr					Yes	
309	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
309	0.17	Lr					No	
309	0.17	Lr					Yes	
309	0.17	Lr					No	
309	0.17	Lr					No	
309	0.34	Lr					No	
309	0.34	Lr					No	
309	0.34	Lr					No	
309	0.34	Lr					Yes	
309	0.	Le					No	
309	0.	Le					No	
309	0.	Le					Yes	
309	0.	Le					No	
309	0.17	Le					No	
309	0.17	Le					Yes	
309	0.17	Le					No	
309	0.17	Le					No	
309	0.34	Le					No	
309	0.34	Le					No	
309	0.34	Le					No	
309	0.34	Le					Yes	
30A	0.	DEAD					No	
30A	0.	DEAD					No	
30A	0.	DEAD					Yes	
30A	0.	DEAD					No	
30A	0.17	DEAD					No	
30A	0.17	DEAD					No	
30A	0.17	DEAD					No	
30A	0.17	DEAD					Yes	
30A	0.34	DEAD					No	
30A	0.34	DEAD					No	
30A	0.34	DEAD					No	
30A	0.34	DEAD					Yes	
30A	0.	Lr					No	
30A	0.	Lr					No	
30A	0.	Lr					Yes	
30A	0.	Lr					No	
30A	0.17	Lr					No	
30A	0.17	Lr					No	
30A	0.17	Lr					No	
30A	0.17	Lr					Yes	
30A	0.34	Lr					No	
30A	0.34	Lr					No	
30A	0.34	Lr					No	
30A	0.34	Lr					Yes	
30A	0.	Le					No	
30A	0.	Le					No	
30A	0.	Le					Yes	
30A	0.	Le					No	
30A	0.17	Le					No	
30A	0.17	Le					No	
30A	0.17	Le					No	
30A	0.17	Le					Yes	
30A	0.34	Le					No	
30A	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
30A	0.34	Le					No	
30A	0.34	Le					Yes	
30B	0.	DEAD					No	
30B	0.	DEAD					No	
30B	0.	DEAD					Yes	
30B	0.	DEAD					No	
30B	0.17	DEAD					No	
30B	0.17	DEAD					Yes	
30B	0.17	DEAD					No	
30B	0.17	DEAD					No	
30B	0.34	DEAD					No	
30B	0.34	DEAD					No	
30B	0.34	DEAD					No	
30B	0.34	DEAD					Yes	
30B	0.	Lr					No	
30B	0.	Lr					No	
30B	0.	Lr					Yes	
30B	0.	Lr					No	
30B	0.17	Lr					No	
30B	0.17	Lr					Yes	
30B	0.17	Lr					No	
30B	0.17	Lr					No	
30B	0.34	Lr					No	
30B	0.34	Lr					No	
30B	0.34	Lr					No	
30B	0.34	Lr					Yes	
30B	0.	Le					No	
30B	0.	Le					No	
30B	0.	Le					Yes	
30B	0.	Le					No	
30B	0.17	Le					No	
30B	0.17	Le					Yes	
30B	0.17	Le					No	
30B	0.17	Le					No	
30B	0.34	Le					No	
30B	0.34	Le					No	
30B	0.34	Le					No	
30B	0.34	Le					Yes	
30C	0.	DEAD					No	
30C	0.	DEAD					No	
30C	0.	DEAD					Yes	
30C	0.	DEAD					No	
30C	0.17	DEAD					No	
30C	0.17	DEAD					Yes	
30C	0.17	DEAD					No	
30C	0.17	DEAD					No	
30C	0.34	DEAD					No	
30C	0.34	DEAD					No	
30C	0.34	DEAD					No	
30C	0.34	DEAD					Yes	
30C	0.	Lr					No	
30C	0.	Lr					No	
30C	0.	Lr					Yes	
30C	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
30C	0.17	Lr					No	
30C	0.17	Lr					Yes	
30C	0.17	Lr					No	
30C	0.17	Lr					No	
30C	0.34	Lr					No	
30C	0.34	Lr					No	
30C	0.34	Lr					No	
30C	0.34	Lr					Yes	
30C	0.	Le					No	
30C	0.	Le					No	
30C	0.	Le					Yes	
30C	0.	Le					No	
30C	0.17	Le					No	
30C	0.17	Le					Yes	
30C	0.17	Le					No	
30C	0.17	Le					No	
30C	0.34	Le					No	
30C	0.34	Le					No	
30C	0.34	Le					No	
30C	0.34	Le					Yes	
30D	0.	DEAD	No	No	Yes	No	No	No
30D	0.	DEAD	Yes	No	No	No	No	No
30D	0.	DEAD	No	No	No	No	No	No
30D	0.	DEAD	No	No	No	No	No	No
30D	0.	DEAD	No	Yes	No	Yes	No	Yes
30D	0.	DEAD	No	No	No	No	Yes	No
30D	0.	DEAD	No	No	No	No	No	No
30D	0.	DEAD	No	No	No	No	No	No
30D	0.	DEAD	No	No	No	No	No	No
30D	0.26249	DEAD	No	No	Yes	No	No	No
30D	0.26249	DEAD	Yes	Yes	No	Yes	No	No
30D	0.26249	DEAD	No	No	No	No	No	No
30D	0.26249	DEAD	No	No	No	No	No	No
30D	0.26249	DEAD	No	No	No	No	No	Yes
30D	0.26249	DEAD	No	No	No	No	No	No
30D	0.26249	DEAD	No	No	No	No	No	No
30D	0.26249	DEAD	No	No	No	No	No	No
30D	0.26249	DEAD	No	No	No	No	Yes	No
30D	0.52498	DEAD	No	No	Yes	No	No	No
30D	0.52498	DEAD	Yes	No	No	No	No	No
30D	0.52498	DEAD	No	No	No	No	No	No
30D	0.52498	DEAD	No	Yes	No	Yes	No	No
30D	0.52498	DEAD	No	No	No	No	No	Yes
30D	0.52498	DEAD	No	No	No	No	No	No
30D	0.52498	DEAD	No	No	No	No	Yes	No
30D	0.52498	DEAD	No	No	No	No	No	No
30D	0.52498	DEAD	No	No	No	No	No	No
30D	0.	Lr	No	No	Yes	No	No	No
30D	0.	Lr	Yes	No	No	No	No	No
30D	0.	Lr	No	No	No	No	No	No
30D	0.	Lr	No	No	No	No	No	No
30D	0.	Lr	No	Yes	No	Yes	No	Yes
30D	0.	Lr	No	No	No	No	Yes	No
30D	0.	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
30D	0.	Lr	No	No	No	No	No	No
30D	0.	Lr	No	No	No	No	No	No
30D	0.26249	Lr	No	No	Yes	No	No	No
30D	0.26249	Lr	Yes	Yes	No	Yes	No	No
30D	0.26249	Lr	No	No	No	No	No	No
30D	0.26249	Lr	No	No	No	No	No	No
30D	0.26249	Lr	No	No	No	No	No	Yes
30D	0.26249	Lr	No	No	No	No	No	No
30D	0.26249	Lr	No	No	No	No	No	No
30D	0.26249	Lr	No	No	No	No	No	No
30D	0.26249	Lr	No	No	No	No	Yes	No
30D	0.52498	Lr	No	No	Yes	No	No	No
30D	0.52498	Lr	Yes	No	No	No	No	No
30D	0.52498	Lr	No	No	No	No	No	No
30D	0.52498	Lr	No	Yes	No	Yes	No	No
30D	0.52498	Lr	No	No	No	No	No	Yes
30D	0.52498	Lr	No	No	No	No	No	No
30D	0.52498	Lr	No	No	No	No	Yes	No
30D	0.52498	Lr	No	No	No	No	No	No
30D	0.52498	Lr	No	No	No	No	No	No
30D	0.	Le	No	No	Yes	No	No	No
30D	0.	Le	Yes	No	No	No	No	No
30D	0.	Le	No	No	No	No	No	No
30D	0.	Le	No	No	No	No	No	No
30D	0.	Le	No	Yes	No	Yes	No	Yes
30D	0.	Le	No	No	No	No	Yes	No
30D	0.	Le	No	No	No	No	No	No
30D	0.	Le	No	No	No	No	No	No
30D	0.	Le	No	No	No	No	No	No
30D	0.26249	Le	No	No	Yes	No	No	No
30D	0.26249	Le	Yes	Yes	No	Yes	No	No
30D	0.26249	Le	No	No	No	No	No	No
30D	0.26249	Le	No	No	No	No	No	No
30D	0.26249	Le	No	No	No	No	No	Yes
30D	0.26249	Le	No	No	No	No	No	No
30D	0.26249	Le	No	No	No	No	No	No
30D	0.26249	Le	No	No	No	No	No	No
30D	0.26249	Le	No	No	No	No	Yes	No
30D	0.52498	Le	No	No	Yes	No	No	No
30D	0.52498	Le	Yes	No	No	No	No	No
30D	0.52498	Le	No	No	No	No	No	No
30D	0.52498	Le	No	Yes	No	Yes	No	No
30D	0.52498	Le	No	No	No	No	No	Yes
30D	0.52498	Le	No	No	No	No	No	No
30D	0.52498	Le	No	No	No	No	Yes	No
30D	0.52498	Le	No	No	No	No	No	No
30D	0.52498	Le	No	No	No	No	No	No
30E	0.	DEAD	No	No	No	No	No	No
30E	0.	DEAD	Yes	No	Yes	No	No	No
30E	0.	DEAD	No	No	No	No	No	No
30E	0.	DEAD	No	No	No	No	No	No
30E	0.	DEAD	No	Yes	No	No	No	Yes
30E	0.	DEAD	No	No	No	No	No	No
30E	0.	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
30E	0.	DEAD	No	No	No	No	No	No
30E	0.	DEAD	No	No	No	Yes	Yes	No
30E	0.26249	DEAD	No	No	No	No	No	No
30E	0.26249	DEAD	Yes	No	Yes	No	No	No
30E	0.26249	DEAD	No	No	No	No	No	No
30E	0.26249	DEAD	No	No	No	No	No	No
30E	0.26249	DEAD	No	Yes	No	No	No	Yes
30E	0.26249	DEAD	No	No	No	No	No	No
30E	0.26249	DEAD	No	No	No	No	No	No
30E	0.26249	DEAD	No	No	No	No	No	No
30E	0.26249	DEAD	No	No	No	Yes	Yes	No
30E	0.52498	DEAD	No	No	No	No	No	No
30E	0.52498	DEAD	Yes	No	Yes	No	No	Yes
30E	0.52498	DEAD	No	No	No	No	No	No
30E	0.52498	DEAD	No	No	No	No	No	No
30E	0.52498	DEAD	No	No	No	No	No	No
30E	0.52498	DEAD	No	Yes	No	No	No	No
30E	0.52498	DEAD	No	No	No	No	No	No
30E	0.52498	DEAD	No	No	No	No	No	No
30E	0.52498	DEAD	No	No	No	Yes	Yes	No
30E	0.	Lr	No	No	No	No	No	No
30E	0.	Lr	Yes	No	Yes	No	No	No
30E	0.	Lr	No	No	No	No	No	No
30E	0.	Lr	No	No	No	No	No	No
30E	0.	Lr	No	Yes	No	No	No	Yes
30E	0.	Lr	No	No	No	No	No	No
30E	0.	Lr	No	No	No	No	No	No
30E	0.	Lr	No	No	No	No	No	No
30E	0.	Lr	No	No	No	Yes	Yes	No
30E	0.26249	Lr	No	No	No	No	No	No
30E	0.26249	Lr	Yes	No	Yes	No	No	No
30E	0.26249	Lr	No	No	No	No	No	No
30E	0.26249	Lr	No	No	No	No	No	No
30E	0.26249	Lr	No	Yes	No	No	No	Yes
30E	0.26249	Lr	No	No	No	No	No	No
30E	0.26249	Lr	No	No	No	No	No	No
30E	0.26249	Lr	No	No	No	No	No	No
30E	0.26249	Lr	No	No	No	Yes	Yes	No
30E	0.52498	Lr	No	No	No	No	No	No
30E	0.52498	Lr	Yes	No	Yes	No	No	No
30E	0.52498	Lr	No	No	No	No	No	No
30E	0.52498	Lr	No	No	No	No	No	No
30E	0.52498	Lr	No	Yes	No	No	No	Yes
30E	0.52498	Lr	No	No	No	No	No	No
30E	0.52498	Lr	No	No	No	No	No	No
30E	0.52498	Lr	No	No	No	No	No	No
30E	0.52498	Lr	No	No	No	Yes	Yes	No
30E	0.	Le	No	No	No	No	No	No
30E	0.	Le	Yes	No	Yes	No	No	No
30E	0.	Le	No	No	No	No	No	No
30E	0.	Le	No	No	No	No	No	No
30E	0.	Le	No	Yes	No	No	No	Yes
30E	0.	Le	No	No	No	No	No	No
30E	0.	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
30E	0.	Le	No	No	No	No	No	No
30E	0.	Le	No	No	No	Yes	Yes	No
30E	0.26249	Le	No	No	No	No	No	No
30E	0.26249	Le	Yes	No	Yes	No	No	No
30E	0.26249	Le	No	No	No	No	No	No
30E	0.26249	Le	No	No	No	No	No	No
30E	0.26249	Le	No	Yes	No	No	No	Yes
30E	0.26249	Le	No	No	No	No	No	No
30E	0.26249	Le	No	No	No	No	No	No
30E	0.26249	Le	No	No	No	No	No	No
30E	0.26249	Le	No	No	No	Yes	Yes	No
30E	0.52498	Le	No	No	No	No	No	No
30E	0.52498	Le	Yes	No	Yes	No	No	No
30E	0.52498	Le	No	No	No	No	No	No
30E	0.52498	Le	No	No	No	No	No	No
30E	0.52498	Le	No	Yes	No	No	No	Yes
30E	0.52498	Le	No	No	No	No	No	No
30E	0.52498	Le	No	No	No	No	No	No
30E	0.52498	Le	No	No	No	No	No	No
30E	0.52498	Le	No	No	No	Yes	Yes	No
30F	0.	DEAD	No	No	No	No	No	No
30F	0.	DEAD	Yes	No	No	No	No	No
30F	0.	DEAD	No	Yes	No	Yes	No	No
30F	0.	DEAD	No	No	No	No	No	No
30F	0.	DEAD	No	No	No	No	No	Yes
30F	0.	DEAD	No	No	Yes	No	No	No
30F	0.	DEAD	No	No	No	No	No	No
30F	0.	DEAD	No	No	No	No	Yes	No
30F	0.	DEAD	No	No	No	No	No	No
30F	0.26249	DEAD	No	No	Yes	No	No	No
30F	0.26249	DEAD	Yes	Yes	No	Yes	No	No
30F	0.26249	DEAD	No	No	No	No	No	No
30F	0.26249	DEAD	No	No	No	No	No	No
30F	0.26249	DEAD	No	No	No	No	No	Yes
30F	0.26249	DEAD	No	No	No	No	No	No
30F	0.26249	DEAD	No	No	No	No	No	No
30F	0.26249	DEAD	No	No	No	No	No	No
30F	0.26249	DEAD	No	No	No	No	Yes	No
30F	0.52498	DEAD	No	No	No	No	No	No
30F	0.52498	DEAD	Yes	No	No	No	No	No
30F	0.52498	DEAD	No	No	No	No	No	Yes
30F	0.52498	DEAD	No	Yes	No	Yes	No	No
30F	0.52498	DEAD	No	No	Yes	No	No	No
30F	0.52498	DEAD	No	No	No	No	No	No
30F	0.52498	DEAD	No	No	No	No	Yes	No
30F	0.52498	DEAD	No	No	No	No	No	No
30F	0.52498	DEAD	No	No	No	No	No	No
30F	0.	Lr	No	No	Yes	No	No	No
30F	0.	Lr	Yes	No	No	No	No	No
30F	0.	Lr	No	Yes	No	Yes	No	No
30F	0.	Lr	No	No	No	No	No	No
30F	0.	Lr	No	No	No	No	No	Yes
30F	0.	Lr	No	No	No	No	No	No
30F	0.	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
30F	0.	Lr	No	No	No	No	Yes	No
30F	0.	Lr	No	No	No	No	No	No
30F	0.26249	Lr	No	No	Yes	No	No	No
30F	0.26249	Lr	Yes	Yes	No	Yes	No	No
30F	0.26249	Lr	No	No	No	No	No	No
30F	0.26249	Lr	No	No	No	No	No	No
30F	0.26249	Lr	No	No	No	No	No	Yes
30F	0.26249	Lr	No	No	No	No	No	No
30F	0.26249	Lr	No	No	No	No	No	No
30F	0.26249	Lr	No	No	No	No	No	No
30F	0.26249	Lr	No	No	No	No	Yes	No
30F	0.52498	Lr	No	No	Yes	No	No	No
30F	0.52498	Lr	Yes	No	No	No	No	No
30F	0.52498	Lr	No	No	No	No	No	No
30F	0.52498	Lr	No	Yes	No	Yes	No	No
30F	0.52498	Lr	No	No	No	No	No	Yes
30F	0.52498	Lr	No	No	No	No	No	No
30F	0.52498	Lr	No	No	No	No	Yes	No
30F	0.52498	Lr	No	No	No	No	No	No
30F	0.52498	Lr	No	No	No	No	No	No
30F	0.	Le	No	No	Yes	No	No	No
30F	0.	Le	Yes	No	No	No	No	No
30F	0.	Le	No	Yes	No	Yes	No	No
30F	0.	Le	No	No	No	No	No	No
30F	0.	Le	No	No	No	No	No	Yes
30F	0.	Le	No	No	No	No	No	No
30F	0.	Le	No	No	No	No	No	No
30F	0.	Le	No	No	No	No	Yes	No
30F	0.	Le	No	No	No	No	No	No
30F	0.26249	Le	No	No	Yes	No	No	No
30F	0.26249	Le	Yes	Yes	No	Yes	No	No
30F	0.26249	Le	No	No	No	No	No	No
30F	0.26249	Le	No	No	No	No	No	No
30F	0.26249	Le	No	No	No	No	No	Yes
30F	0.26249	Le	No	No	No	No	No	No
30F	0.26249	Le	No	No	No	No	No	No
30F	0.26249	Le	No	No	No	No	No	No
30F	0.26249	Le	No	No	No	No	Yes	No
30F	0.52498	Le	No	No	Yes	No	No	No
30F	0.52498	Le	Yes	No	No	No	No	No
30F	0.52498	Le	No	No	No	No	No	No
30F	0.52498	Le	No	Yes	No	Yes	No	No
30F	0.52498	Le	No	No	No	No	No	Yes
30F	0.52498	Le	No	No	No	No	No	No
30F	0.52498	Le	No	No	No	No	Yes	No
30F	0.52498	Le	No	No	No	No	No	No
30F	0.52498	Le	No	No	No	No	No	No
310	0.	DEAD	No	No	No	No	No	No
310	0.	DEAD	No	No	Yes	No	No	No
310	0.	DEAD	No	No	No	No	No	No
310	0.	DEAD	No	No	No	No	No	No
310	0.	DEAD	No	No	No	No	No	No
310	0.	DEAD	No	Yes	No	No	No	Yes
310	0.	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
310	0.	DEAD	No	No	No	No	No	No
310	0.	DEAD	Yes	No	No	Yes	Yes	No
310	0.26249	DEAD	No	No	No	No	No	No
310	0.26249	DEAD	No	No	Yes	No	No	No
310	0.26249	DEAD	No	No	No	No	No	No
310	0.26249	DEAD	No	No	No	No	No	No
310	0.26249	DEAD	No	No	No	No	No	No
310	0.26249	DEAD	No	Yes	No	No	No	Yes
310	0.26249	DEAD	No	No	No	No	No	No
310	0.26249	DEAD	No	No	No	No	No	No
310	0.26249	DEAD	Yes	No	No	Yes	Yes	No
310	0.52498	DEAD	No	No	No	No	No	No
310	0.52498	DEAD	No	No	Yes	No	No	Yes
310	0.52498	DEAD	No	No	No	No	No	No
310	0.52498	DEAD	No	No	No	No	No	No
310	0.52498	DEAD	No	Yes	No	No	No	No
310	0.52498	DEAD	No	No	No	No	No	No
310	0.52498	DEAD	No	No	No	No	No	No
310	0.52498	DEAD	No	No	No	No	No	No
310	0.52498	DEAD	Yes	No	No	Yes	Yes	No
310	0.	Lr	No	No	No	No	No	No
310	0.	Lr	No	No	Yes	No	No	No
310	0.	Lr	No	No	No	No	No	No
310	0.	Lr	No	No	No	No	No	No
310	0.	Lr	No	No	No	No	No	No
310	0.	Lr	No	Yes	No	No	No	Yes
310	0.	Lr	No	No	No	No	No	No
310	0.	Lr	No	No	No	No	No	No
310	0.	Lr	Yes	No	No	Yes	Yes	No
310	0.26249	Lr	No	No	No	No	No	No
310	0.26249	Lr	No	No	Yes	No	No	No
310	0.26249	Lr	No	No	No	No	No	No
310	0.26249	Lr	No	No	No	No	No	No
310	0.26249	Lr	No	No	No	No	No	No
310	0.26249	Lr	No	Yes	No	No	No	Yes
310	0.26249	Lr	No	No	No	No	No	No
310	0.26249	Lr	No	No	No	No	No	No
310	0.26249	Lr	Yes	No	No	Yes	Yes	No
310	0.52498	Lr	No	No	No	No	No	No
310	0.52498	Lr	No	No	Yes	No	No	No
310	0.52498	Lr	No	No	No	No	No	No
310	0.52498	Lr	No	No	No	No	No	No
310	0.52498	Lr	No	No	No	No	No	No
310	0.52498	Lr	No	Yes	No	No	No	Yes
310	0.52498	Lr	No	No	No	No	No	No
310	0.52498	Lr	No	No	No	No	No	No
310	0.52498	Lr	Yes	No	No	Yes	Yes	No
310	0.	Le	No	No	No	No	No	No
310	0.	Le	No	No	Yes	No	No	No
310	0.	Le	No	No	No	No	No	No
310	0.	Le	No	No	No	No	No	No
310	0.	Le	No	No	No	No	No	No
310	0.	Le	No	Yes	No	No	No	Yes
310	0.	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
310	0.	Le	No	No	No	No	No	No
310	0.	Le	Yes	No	No	Yes	Yes	No
310	0.26249	Le	No	No	No	No	No	No
310	0.26249	Le	No	No	Yes	No	No	No
310	0.26249	Le	No	No	No	No	No	No
310	0.26249	Le	No	No	No	No	No	No
310	0.26249	Le	No	No	No	No	No	No
310	0.26249	Le	No	Yes	No	No	No	Yes
310	0.26249	Le	No	No	No	No	No	No
310	0.26249	Le	No	No	No	No	No	No
310	0.26249	Le	Yes	No	No	Yes	Yes	No
310	0.52498	Le	No	No	No	No	No	No
310	0.52498	Le	No	No	Yes	No	No	No
310	0.52498	Le	No	No	No	No	No	No
310	0.52498	Le	No	No	No	No	No	No
310	0.52498	Le	No	No	No	No	No	No
310	0.52498	Le	No	Yes	No	No	No	Yes
310	0.52498	Le	No	No	No	No	No	No
310	0.52498	Le	No	No	No	No	No	No
310	0.52498	Le	Yes	No	No	Yes	Yes	No
311	0.	DEAD	No	No	No	No	No	No
311	0.	DEAD	Yes	Yes	No	Yes	No	No
311	0.	DEAD	No	No	No	No	No	No
311	0.	DEAD	No	No	No	No	No	No
311	0.	DEAD	No	No	No	No	No	Yes
311	0.	DEAD	No	No	No	No	No	No
311	0.	DEAD	No	No	No	No	No	No
311	0.	DEAD	No	No	No	No	No	No
311	0.	DEAD	No	No	Yes	No	Yes	No
311	0.26249	DEAD	No	No	No	No	No	No
311	0.26249	DEAD	Yes	Yes	No	Yes	No	No
311	0.26249	DEAD	No	No	No	No	No	No
311	0.26249	DEAD	No	No	No	No	No	No
311	0.26249	DEAD	No	No	No	No	No	Yes
311	0.26249	DEAD	No	No	No	No	No	No
311	0.26249	DEAD	No	No	No	No	No	No
311	0.26249	DEAD	No	No	No	No	No	No
311	0.26249	DEAD	No	No	Yes	No	Yes	No
311	0.52498	DEAD	No	No	No	No	No	No
311	0.52498	DEAD	Yes	Yes	No	Yes	No	Yes
311	0.52498	DEAD	No	No	No	No	No	No
311	0.52498	DEAD	No	No	No	No	No	No
311	0.52498	DEAD	No	No	No	No	No	No
311	0.52498	DEAD	No	No	No	No	No	No
311	0.52498	DEAD	No	No	No	No	No	No
311	0.52498	DEAD	No	No	No	No	No	No
311	0.52498	DEAD	No	No	Yes	No	Yes	No
311	0.	Lr	No	No	No	No	No	No
311	0.	Lr	Yes	Yes	No	Yes	No	No
311	0.	Lr	No	No	No	No	No	No
311	0.	Lr	No	No	No	No	No	No
311	0.	Lr	No	No	No	No	No	Yes
311	0.	Lr	No	No	No	No	No	No
311	0.	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
311	0.	Lr	No	No	No	No	No	No
311	0.	Lr	No	No	Yes	No	Yes	No
311	0.26249	Lr	No	No	No	No	No	No
311	0.26249	Lr	Yes	Yes	No	Yes	No	No
311	0.26249	Lr	No	No	No	No	No	No
311	0.26249	Lr	No	No	No	No	No	No
311	0.26249	Lr	No	No	No	No	No	Yes
311	0.26249	Lr	No	No	No	No	No	No
311	0.26249	Lr	No	No	No	No	No	No
311	0.26249	Lr	No	No	No	No	No	No
311	0.26249	Lr	No	No	Yes	No	Yes	No
311	0.52498	Lr	No	No	No	No	No	No
311	0.52498	Lr	Yes	Yes	No	Yes	No	No
311	0.52498	Lr	No	No	No	No	No	No
311	0.52498	Lr	No	No	No	No	No	No
311	0.52498	Lr	No	No	No	No	No	Yes
311	0.52498	Lr	No	No	No	No	No	No
311	0.52498	Lr	No	No	No	No	No	No
311	0.52498	Lr	No	No	No	No	No	No
311	0.52498	Lr	No	No	Yes	No	Yes	No
311	0.	Le	No	No	No	No	No	No
311	0.	Le	Yes	Yes	No	Yes	No	No
311	0.	Le	No	No	No	No	No	No
311	0.	Le	No	No	No	No	No	No
311	0.	Le	No	No	No	No	No	Yes
311	0.	Le	No	No	No	No	No	No
311	0.	Le	No	No	No	No	No	No
311	0.	Le	No	No	No	No	No	No
311	0.	Le	No	No	Yes	No	Yes	No
311	0.26249	Le	No	No	No	No	No	No
311	0.26249	Le	Yes	Yes	No	Yes	No	No
311	0.26249	Le	No	No	No	No	No	No
311	0.26249	Le	No	No	No	No	No	No
311	0.26249	Le	No	No	No	No	No	Yes
311	0.26249	Le	No	No	No	No	No	No
311	0.26249	Le	No	No	No	No	No	No
311	0.26249	Le	No	No	No	No	No	No
311	0.26249	Le	No	No	Yes	No	Yes	No
311	0.52498	Le	No	No	No	No	No	No
311	0.52498	Le	Yes	Yes	No	Yes	No	No
311	0.52498	Le	No	No	No	No	No	No
311	0.52498	Le	No	No	No	No	No	No
311	0.52498	Le	No	No	No	No	No	Yes
311	0.52498	Le	No	No	No	No	No	No
311	0.52498	Le	No	No	No	No	No	No
311	0.52498	Le	No	No	No	No	No	No
311	0.52498	Le	No	No	Yes	No	Yes	No
312	0.	DEAD	No	No	No	No	No	No
312	0.	DEAD	No	No	Yes	No	No	No
312	0.	DEAD	No	No	No	No	No	No
312	0.	DEAD	No	No	No	No	No	No
312	0.	DEAD	No	No	No	No	No	No
312	0.	DEAD	No	Yes	No	No	No	Yes
312	0.	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
312	0.	DEAD	No	No	No	No	No	No
312	0.	DEAD	Yes	No	No	Yes	Yes	No
312	0.26249	DEAD	No	No	No	No	No	No
312	0.26249	DEAD	No	Yes	Yes	No	No	No
312	0.26249	DEAD	No	No	No	No	No	No
312	0.26249	DEAD	No	No	No	No	No	No
312	0.26249	DEAD	No	No	No	No	No	No
312	0.26249	DEAD	No	No	No	No	No	Yes
312	0.26249	DEAD	No	No	No	No	No	No
312	0.26249	DEAD	No	No	No	No	No	No
312	0.26249	DEAD	Yes	No	No	Yes	Yes	No
312	0.52498	DEAD	No	No	No	No	No	No
312	0.52498	DEAD	No	No	Yes	No	No	Yes
312	0.52498	DEAD	No	No	No	No	No	No
312	0.52498	DEAD	No	No	No	No	No	No
312	0.52498	DEAD	No	Yes	No	No	No	No
312	0.52498	DEAD	No	No	No	No	No	No
312	0.52498	DEAD	No	No	No	No	No	No
312	0.52498	DEAD	No	No	No	No	No	No
312	0.52498	DEAD	Yes	No	No	Yes	Yes	No
312	0.	Lr	No	No	No	No	No	No
312	0.	Lr	No	Yes	Yes	No	No	No
312	0.	Lr	No	No	No	No	No	No
312	0.	Lr	No	No	No	No	No	No
312	0.	Lr	No	No	No	No	No	No
312	0.	Lr	No	No	No	No	No	Yes
312	0.	Lr	No	No	No	No	No	No
312	0.	Lr	No	No	No	No	No	No
312	0.	Lr	Yes	No	No	Yes	Yes	No
312	0.26249	Lr	No	No	No	No	No	No
312	0.26249	Lr	No	Yes	Yes	No	No	No
312	0.26249	Lr	No	No	No	No	No	No
312	0.26249	Lr	No	No	No	No	No	No
312	0.26249	Lr	No	No	No	No	No	No
312	0.26249	Lr	No	No	No	No	No	Yes
312	0.26249	Lr	No	No	No	No	No	No
312	0.26249	Lr	No	No	No	No	No	No
312	0.26249	Lr	Yes	No	No	Yes	Yes	No
312	0.52498	Lr	No	No	No	No	No	No
312	0.52498	Lr	No	Yes	Yes	No	No	No
312	0.52498	Lr	No	No	No	No	No	No
312	0.52498	Lr	No	No	No	No	No	No
312	0.52498	Lr	No	No	No	No	No	No
312	0.52498	Lr	No	No	No	No	No	Yes
312	0.52498	Lr	No	No	No	No	No	No
312	0.52498	Lr	No	No	No	No	No	No
312	0.52498	Lr	Yes	No	No	Yes	Yes	No
312	0.	Le	No	No	No	No	No	No
312	0.	Le	No	Yes	Yes	No	No	No
312	0.	Le	No	No	No	No	No	No
312	0.	Le	No	No	No	No	No	No
312	0.	Le	No	No	No	No	No	No
312	0.	Le	No	No	No	No	No	Yes
312	0.	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
312	0.	Le	No	No	No	No	No	No
312	0.	Le	Yes	No	No	Yes	Yes	No
312	0.26249	Le	No	No	No	No	No	No
312	0.26249	Le	No	Yes	Yes	No	No	No
312	0.26249	Le	No	No	No	No	No	No
312	0.26249	Le	No	No	No	No	No	No
312	0.26249	Le	No	No	No	No	No	No
312	0.26249	Le	No	No	No	No	No	Yes
312	0.26249	Le	No	No	No	No	No	No
312	0.26249	Le	No	No	No	No	No	No
312	0.26249	Le	Yes	No	No	Yes	Yes	No
312	0.52498	Le	No	No	No	No	No	No
312	0.52498	Le	No	Yes	Yes	No	No	No
312	0.52498	Le	No	No	No	No	No	No
312	0.52498	Le	No	No	No	No	No	No
312	0.52498	Le	No	No	No	No	No	No
312	0.52498	Le	No	No	No	No	No	Yes
312	0.52498	Le	No	No	No	No	No	No
312	0.52498	Le	No	No	No	No	No	No
312	0.52498	Le	Yes	No	No	Yes	Yes	No
343	0.	DEAD					No	
343	0.	DEAD					No	
343	0.	DEAD					No	
343	0.	DEAD					Yes	
343	0.17	DEAD					No	
343	0.17	DEAD					Yes	
343	0.17	DEAD					No	
343	0.17	DEAD					No	
343	0.34	DEAD					No	
343	0.34	DEAD					No	
343	0.34	DEAD					Yes	
343	0.34	DEAD					No	
343	0.	Lr					No	
343	0.	Lr					No	
343	0.	Lr					No	
343	0.	Lr					Yes	
343	0.17	Lr					No	
343	0.17	Lr					Yes	
343	0.17	Lr					No	
343	0.17	Lr					No	
343	0.34	Lr					No	
343	0.34	Lr					No	
343	0.34	Lr					Yes	
343	0.34	Lr					No	
343	0.	Le					No	
343	0.	Le					No	
343	0.	Le					No	
343	0.	Le					Yes	
343	0.17	Le					No	
343	0.17	Le					Yes	
343	0.17	Le					No	
343	0.17	Le					No	
343	0.34	Le					No	
343	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
343	0.34	Le					Yes	
343	0.34	Le					No	
344	0.	DEAD					No	
344	0.	DEAD					No	
344	0.	DEAD					No	
344	0.	DEAD					Yes	
344	0.17	DEAD					No	
344	0.17	DEAD					Yes	
344	0.17	DEAD					No	
344	0.17	DEAD					No	
344	0.34	DEAD					No	
344	0.34	DEAD					No	
344	0.34	DEAD					Yes	
344	0.34	DEAD					No	
344	0.	Lr					No	
344	0.	Lr					No	
344	0.	Lr					No	
344	0.	Lr					Yes	
344	0.17	Lr					No	
344	0.17	Lr					Yes	
344	0.17	Lr					No	
344	0.17	Lr					No	
344	0.34	Lr					No	
344	0.34	Lr					No	
344	0.34	Lr					Yes	
344	0.34	Lr					No	
344	0.	Le					No	
344	0.	Le					No	
344	0.	Le					No	
344	0.	Le					Yes	
344	0.17	Le					No	
344	0.17	Le					Yes	
344	0.17	Le					No	
344	0.17	Le					No	
344	0.34	Le					No	
344	0.34	Le					No	
344	0.34	Le					Yes	
344	0.34	Le					No	
345	0.	DEAD					No	
345	0.	DEAD					No	
345	0.	DEAD					No	
345	0.	DEAD					Yes	
345	0.17	DEAD					No	
345	0.17	DEAD					Yes	
345	0.17	DEAD					No	
345	0.17	DEAD					No	
345	0.34	DEAD					No	
345	0.34	DEAD					No	
345	0.34	DEAD					Yes	
345	0.34	DEAD					No	
345	0.	Lr					No	
345	0.	Lr					No	
345	0.	Lr					No	
345	0.	Lr					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
345	0.17	Lr					No	
345	0.17	Lr					Yes	
345	0.17	Lr					No	
345	0.17	Lr					No	
345	0.34	Lr					No	
345	0.34	Lr					No	
345	0.34	Lr					Yes	
345	0.34	Lr					No	
345	0.	Le					No	
345	0.	Le					No	
345	0.	Le					No	
345	0.	Le					Yes	
345	0.17	Le					No	
345	0.17	Le					Yes	
345	0.17	Le					No	
345	0.17	Le					No	
345	0.34	Le					No	
345	0.34	Le					No	
345	0.34	Le					Yes	
345	0.34	Le					No	
346	0.	DEAD					No	
346	0.	DEAD					No	
346	0.	DEAD					No	
346	0.	DEAD					Yes	
346	0.17	DEAD					No	
346	0.17	DEAD					Yes	
346	0.17	DEAD					No	
346	0.17	DEAD					No	
346	0.34	DEAD					No	
346	0.34	DEAD					No	
346	0.34	DEAD					Yes	
346	0.34	DEAD					No	
346	0.	Lr					No	
346	0.	Lr					No	
346	0.	Lr					No	
346	0.	Lr					Yes	
346	0.17	Lr					No	
346	0.17	Lr					Yes	
346	0.17	Lr					No	
346	0.17	Lr					No	
346	0.34	Lr					No	
346	0.34	Lr					No	
346	0.34	Lr					Yes	
346	0.34	Lr					No	
346	0.	Le					No	
346	0.	Le					No	
346	0.	Le					No	
346	0.	Le					Yes	
346	0.17	Le					No	
346	0.17	Le					Yes	
346	0.17	Le					No	
346	0.17	Le					No	
346	0.34	Le					No	
346	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
346	0.34	Le					Yes	
346	0.34	Le					No	
347	0.	DEAD					No	
347	0.	DEAD					No	
347	0.	DEAD					No	
347	0.	DEAD					Yes	
347	0.17	DEAD					No	
347	0.17	DEAD					No	
347	0.17	DEAD					Yes	
347	0.17	DEAD					No	
347	0.34	DEAD					No	
347	0.34	DEAD					No	
347	0.34	DEAD					Yes	
347	0.34	DEAD					No	
347	0.	Lr					No	
347	0.	Lr					No	
347	0.	Lr					No	
347	0.	Lr					Yes	
347	0.17	Lr					No	
347	0.17	Lr					No	
347	0.17	Lr					Yes	
347	0.17	Lr					No	
347	0.34	Lr					No	
347	0.34	Lr					No	
347	0.34	Lr					Yes	
347	0.34	Lr					No	
347	0.	Le					No	
347	0.	Le					No	
347	0.	Le					No	
347	0.	Le					Yes	
347	0.17	Le					No	
347	0.17	Le					No	
347	0.17	Le					Yes	
347	0.17	Le					No	
347	0.34	Le					No	
347	0.34	Le					No	
347	0.34	Le					Yes	
347	0.34	Le					No	
348	0.	DEAD					No	
348	0.	DEAD					No	
348	0.	DEAD					No	
348	0.	DEAD					Yes	
348	0.17	DEAD					No	
348	0.17	DEAD					No	
348	0.17	DEAD					Yes	
348	0.17	DEAD					No	
348	0.34	DEAD					No	
348	0.34	DEAD					No	
348	0.34	DEAD					Yes	
348	0.34	DEAD					No	
348	0.	Lr					No	
348	0.	Lr					No	
348	0.	Lr					No	
348	0.	Lr					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
348	0.17	Lr					No	
348	0.17	Lr					No	
348	0.17	Lr					Yes	
348	0.17	Lr					No	
348	0.34	Lr					No	
348	0.34	Lr					No	
348	0.34	Lr					Yes	
348	0.34	Lr					No	
348	0.	Le					No	
348	0.	Le					No	
348	0.	Le					No	
348	0.	Le					Yes	
348	0.17	Le					No	
348	0.17	Le					No	
348	0.17	Le					Yes	
348	0.17	Le					No	
348	0.34	Le					No	
348	0.34	Le					No	
348	0.34	Le					Yes	
348	0.34	Le					No	
349	0.	DEAD	No	No	No	No	No	No
349	0.	DEAD	Yes	Yes	Yes	No	No	No
349	0.	DEAD	No	No	No	No	No	No
349	0.	DEAD	No	No	No	No	No	No
349	0.	DEAD	No	No	No	No	No	Yes
349	0.	DEAD	No	No	No	No	No	No
349	0.	DEAD	No	No	No	No	No	No
349	0.	DEAD	No	No	No	No	No	No
349	0.	DEAD	No	No	No	Yes	Yes	No
349	0.26249	DEAD	No	No	No	No	No	No
349	0.26249	DEAD	Yes	Yes	Yes	No	No	No
349	0.26249	DEAD	No	No	No	No	No	No
349	0.26249	DEAD	No	No	No	No	No	No
349	0.26249	DEAD	No	No	No	No	No	Yes
349	0.26249	DEAD	No	No	No	No	No	No
349	0.26249	DEAD	No	No	No	No	No	No
349	0.26249	DEAD	No	No	No	No	No	No
349	0.26249	DEAD	No	No	No	Yes	Yes	No
349	0.52498	DEAD	No	No	No	No	No	No
349	0.52498	DEAD	Yes	Yes	Yes	No	No	No
349	0.52498	DEAD	No	No	No	No	No	No
349	0.52498	DEAD	No	No	No	No	No	No
349	0.52498	DEAD	No	No	No	No	No	Yes
349	0.52498	DEAD	No	No	No	No	No	No
349	0.52498	DEAD	No	No	No	No	No	No
349	0.52498	DEAD	No	No	No	No	No	No
349	0.52498	DEAD	No	No	No	Yes	Yes	No
349	0.	Lr	No	No	No	No	No	No
349	0.	Lr	Yes	Yes	Yes	No	No	No
349	0.	Lr	No	No	No	No	No	No
349	0.	Lr	No	No	No	No	No	No
349	0.	Lr	No	No	No	No	No	Yes
349	0.	Lr	No	No	No	No	No	No
349	0.	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
349	0.	Lr	No	No	No	No	No	No
349	0.	Lr	No	No	No	Yes	Yes	No
349	0.26249	Lr	No	No	No	No	No	No
349	0.26249	Lr	Yes	Yes	Yes	No	No	No
349	0.26249	Lr	No	No	No	No	No	No
349	0.26249	Lr	No	No	No	No	No	No
349	0.26249	Lr	No	No	No	No	No	Yes
349	0.26249	Lr	No	No	No	No	No	No
349	0.26249	Lr	No	No	No	No	No	No
349	0.26249	Lr	No	No	No	No	No	No
349	0.26249	Lr	No	No	No	Yes	Yes	No
349	0.52498	Lr	No	No	No	No	No	No
349	0.52498	Lr	Yes	Yes	Yes	No	No	No
349	0.52498	Lr	No	No	No	No	No	No
349	0.52498	Lr	No	No	No	No	No	No
349	0.52498	Lr	No	No	No	No	No	Yes
349	0.52498	Lr	No	No	No	No	No	No
349	0.52498	Lr	No	No	No	No	No	No
349	0.52498	Lr	No	No	No	No	No	No
349	0.52498	Lr	No	No	No	Yes	Yes	No
349	0.	Le	No	No	No	No	No	No
349	0.	Le	Yes	Yes	Yes	No	No	No
349	0.	Le	No	No	No	No	No	No
349	0.	Le	No	No	No	No	No	No
349	0.	Le	No	No	No	No	No	Yes
349	0.	Le	No	No	No	No	No	No
349	0.	Le	No	No	No	No	No	No
349	0.	Le	No	No	No	No	No	No
349	0.	Le	No	No	No	Yes	Yes	No
349	0.26249	Le	No	No	No	No	No	No
349	0.26249	Le	Yes	Yes	Yes	No	No	No
349	0.26249	Le	No	No	No	No	No	No
349	0.26249	Le	No	No	No	No	No	No
349	0.26249	Le	No	No	No	No	No	Yes
349	0.26249	Le	No	No	No	No	No	No
349	0.26249	Le	No	No	No	No	No	No
349	0.26249	Le	No	No	No	No	No	No
349	0.26249	Le	No	No	No	Yes	Yes	No
349	0.52498	Le	No	No	No	No	No	No
349	0.52498	Le	Yes	Yes	Yes	No	No	No
349	0.52498	Le	No	No	No	No	No	No
349	0.52498	Le	No	No	No	No	No	No
349	0.52498	Le	No	No	No	No	No	Yes
349	0.52498	Le	No	No	No	No	No	No
349	0.52498	Le	No	No	No	No	No	No
349	0.52498	Le	No	No	No	No	No	No
349	0.52498	Le	No	No	No	Yes	Yes	No
34A	0.	DEAD	No	No	No	No	No	No
34A	0.	DEAD	No	Yes	No	Yes	No	No
34A	0.	DEAD	No	No	No	No	No	No
34A	0.	DEAD	No	No	No	No	No	No
34A	0.	DEAD	No	No	Yes	No	No	No
34A	0.	DEAD	No	No	No	No	No	Yes
34A	0.	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34A	0.	DEAD	No	No	No	No	No	No
34A	0.	DEAD	Yes	No	No	No	Yes	No
34A	0.26249	DEAD	No	No	Yes	No	No	No
34A	0.26249	DEAD	No	Yes	No	Yes	No	No
34A	0.26249	DEAD	No	No	No	No	No	No
34A	0.26249	DEAD	No	No	No	No	No	No
34A	0.26249	DEAD	No	No	No	No	No	No
34A	0.26249	DEAD	No	No	No	No	No	Yes
34A	0.26249	DEAD	No	No	No	No	No	No
34A	0.26249	DEAD	No	No	No	No	No	No
34A	0.26249	DEAD	Yes	No	No	No	Yes	No
34A	0.52498	DEAD	No	No	No	No	No	No
34A	0.52498	DEAD	No	Yes	No	Yes	No	No
34A	0.52498	DEAD	No	No	No	No	No	No
34A	0.52498	DEAD	No	No	No	No	No	Yes
34A	0.52498	DEAD	No	No	No	No	No	No
34A	0.52498	DEAD	No	No	Yes	No	No	No
34A	0.52498	DEAD	No	No	No	No	No	No
34A	0.52498	DEAD	No	No	No	No	No	No
34A	0.52498	DEAD	Yes	No	No	No	Yes	No
34A	0.	Lr	No	No	Yes	No	No	No
34A	0.	Lr	No	Yes	No	Yes	No	No
34A	0.	Lr	No	No	No	No	No	No
34A	0.	Lr	No	No	No	No	No	No
34A	0.	Lr	No	No	No	No	No	No
34A	0.	Lr	No	No	No	No	No	Yes
34A	0.	Lr	No	No	No	No	No	No
34A	0.	Lr	No	No	No	No	No	No
34A	0.	Lr	Yes	No	No	No	Yes	No
34A	0.26249	Lr	No	No	Yes	No	No	No
34A	0.26249	Lr	No	Yes	No	Yes	No	No
34A	0.26249	Lr	No	No	No	No	No	No
34A	0.26249	Lr	No	No	No	No	No	No
34A	0.26249	Lr	No	No	No	No	No	No
34A	0.26249	Lr	No	No	No	No	No	Yes
34A	0.26249	Lr	No	No	No	No	No	No
34A	0.26249	Lr	No	No	No	No	No	No
34A	0.26249	Lr	Yes	No	No	No	Yes	No
34A	0.52498	Lr	No	No	Yes	No	No	No
34A	0.52498	Lr	No	Yes	No	Yes	No	No
34A	0.52498	Lr	No	No	No	No	No	No
34A	0.52498	Lr	No	No	No	No	No	No
34A	0.52498	Lr	No	No	No	No	No	No
34A	0.52498	Lr	No	No	No	No	No	Yes
34A	0.52498	Lr	No	No	No	No	No	No
34A	0.52498	Lr	No	No	No	No	No	No
34A	0.52498	Lr	Yes	No	No	No	Yes	No
34A	0.	Le	No	No	Yes	No	No	No
34A	0.	Le	No	Yes	No	Yes	No	No
34A	0.	Le	No	No	No	No	No	No
34A	0.	Le	No	No	No	No	No	No
34A	0.	Le	No	No	No	No	No	No
34A	0.	Le	No	No	No	No	No	Yes
34A	0.	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34A	0.	Le	No	No	No	No	No	No
34A	0.	Le	Yes	No	No	No	Yes	No
34A	0.26249	Le	No	No	Yes	No	No	No
34A	0.26249	Le	No	Yes	No	Yes	No	No
34A	0.26249	Le	No	No	No	No	No	No
34A	0.26249	Le	No	No	No	No	No	No
34A	0.26249	Le	No	No	No	No	No	No
34A	0.26249	Le	No	No	No	No	No	Yes
34A	0.26249	Le	No	No	No	No	No	No
34A	0.26249	Le	No	No	No	No	No	No
34A	0.26249	Le	Yes	No	No	No	Yes	No
34A	0.52498	Le	No	No	Yes	No	No	No
34A	0.52498	Le	No	Yes	No	Yes	No	No
34A	0.52498	Le	No	No	No	No	No	No
34A	0.52498	Le	No	No	No	No	No	No
34A	0.52498	Le	No	No	No	No	No	No
34A	0.52498	Le	No	No	No	No	No	Yes
34A	0.52498	Le	No	No	No	No	No	No
34A	0.52498	Le	No	No	No	No	No	No
34A	0.52498	Le	Yes	No	No	No	Yes	No
34B	0.	DEAD	No	No	No	No	No	No
34B	0.	DEAD	Yes	No	No	No	No	No
34B	0.	DEAD	No	No	No	No	No	No
34B	0.	DEAD	No	No	Yes	No	No	No
34B	0.	DEAD	No	Yes	No	No	No	Yes
34B	0.	DEAD	No	No	No	No	No	No
34B	0.	DEAD	No	No	No	Yes	Yes	No
34B	0.	DEAD	No	No	No	No	No	No
34B	0.	DEAD	No	No	No	No	No	No
34B	0.26249	DEAD	No	No	No	No	No	No
34B	0.26249	DEAD	Yes	No	Yes	No	No	No
34B	0.26249	DEAD	No	No	No	No	No	No
34B	0.26249	DEAD	No	No	No	No	No	No
34B	0.26249	DEAD	No	No	No	No	No	Yes
34B	0.26249	DEAD	No	No	No	No	No	No
34B	0.26249	DEAD	No	No	No	No	No	No
34B	0.26249	DEAD	No	No	No	No	No	No
34B	0.26249	DEAD	No	Yes	No	Yes	Yes	No
34B	0.52498	DEAD	No	No	No	No	No	No
34B	0.52498	DEAD	Yes	No	Yes	No	No	No
34B	0.52498	DEAD	No	No	No	No	No	Yes
34B	0.52498	DEAD	No	No	No	No	No	No
34B	0.52498	DEAD	No	No	No	No	No	No
34B	0.52498	DEAD	No	Yes	No	No	No	No
34B	0.52498	DEAD	No	No	No	No	No	No
34B	0.52498	DEAD	No	No	No	No	No	No
34B	0.52498	DEAD	No	No	No	Yes	Yes	No
34B	0.	Lr	No	No	No	No	No	No
34B	0.	Lr	Yes	No	Yes	No	No	No
34B	0.	Lr	No	No	No	No	No	No
34B	0.	Lr	No	No	No	No	No	No
34B	0.	Lr	No	No	No	No	No	Yes
34B	0.	Lr	No	No	No	No	No	No
34B	0.	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34B	0.	Lr	No	No	No	No	No	No
34B	0.	Lr	No	Yes	No	Yes	Yes	No
34B	0.26249	Lr	No	No	No	No	No	No
34B	0.26249	Lr	Yes	No	Yes	No	No	No
34B	0.26249	Lr	No	No	No	No	No	No
34B	0.26249	Lr	No	No	No	No	No	No
34B	0.26249	Lr	No	No	No	No	No	Yes
34B	0.26249	Lr	No	No	No	No	No	No
34B	0.26249	Lr	No	No	No	No	No	No
34B	0.26249	Lr	No	No	No	No	No	No
34B	0.26249	Lr	No	Yes	No	Yes	Yes	No
34B	0.52498	Lr	No	No	No	No	No	No
34B	0.52498	Lr	Yes	No	Yes	No	No	No
34B	0.52498	Lr	No	No	No	No	No	No
34B	0.52498	Lr	No	No	No	No	No	No
34B	0.52498	Lr	No	No	No	No	No	Yes
34B	0.52498	Lr	No	No	No	No	No	No
34B	0.52498	Lr	No	No	No	No	No	No
34B	0.52498	Lr	No	No	No	No	No	No
34B	0.52498	Lr	No	Yes	No	Yes	Yes	No
34B	0.	Le	No	No	No	No	No	No
34B	0.	Le	Yes	No	Yes	No	No	No
34B	0.	Le	No	No	No	No	No	No
34B	0.	Le	No	No	No	No	No	No
34B	0.	Le	No	No	No	No	No	Yes
34B	0.	Le	No	No	No	No	No	No
34B	0.	Le	No	No	No	No	No	No
34B	0.	Le	No	No	No	No	No	No
34B	0.	Le	No	Yes	No	Yes	Yes	No
34B	0.26249	Le	No	No	No	No	No	No
34B	0.26249	Le	Yes	No	Yes	No	No	No
34B	0.26249	Le	No	No	No	No	No	No
34B	0.26249	Le	No	No	No	No	No	No
34B	0.26249	Le	No	No	No	No	No	Yes
34B	0.26249	Le	No	No	No	No	No	No
34B	0.26249	Le	No	No	No	No	No	No
34B	0.26249	Le	No	No	No	No	No	No
34B	0.26249	Le	No	Yes	No	Yes	Yes	No
34B	0.52498	Le	No	No	No	No	No	No
34B	0.52498	Le	Yes	No	Yes	No	No	No
34B	0.52498	Le	No	No	No	No	No	No
34B	0.52498	Le	No	No	No	No	No	No
34B	0.52498	Le	No	No	No	No	No	Yes
34B	0.52498	Le	No	No	No	No	No	No
34B	0.52498	Le	No	No	No	No	No	No
34B	0.52498	Le	No	No	No	No	No	No
34B	0.52498	Le	No	Yes	No	Yes	Yes	No
34C	0.	DEAD	No	No	No	No	No	No
34C	0.	DEAD	No	Yes	No	Yes	No	No
34C	0.	DEAD	No	No	No	No	No	No
34C	0.	DEAD	No	No	No	No	No	No
34C	0.	DEAD	No	No	Yes	No	No	No
34C	0.	DEAD	No	No	No	No	No	Yes
34C	0.	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34C	0.	DEAD	No	No	No	No	No	No
34C	0.	DEAD	Yes	No	No	No	Yes	No
34C	0.26249	DEAD	No	No	Yes	No	No	No
34C	0.26249	DEAD	No	Yes	No	Yes	No	No
34C	0.26249	DEAD	No	No	No	No	No	No
34C	0.26249	DEAD	No	No	No	No	No	No
34C	0.26249	DEAD	No	No	No	No	No	No
34C	0.26249	DEAD	No	No	No	No	No	Yes
34C	0.26249	DEAD	No	No	No	No	No	No
34C	0.26249	DEAD	No	No	No	No	No	No
34C	0.26249	DEAD	Yes	No	No	No	Yes	No
34C	0.52498	DEAD	No	No	No	No	No	No
34C	0.52498	DEAD	No	Yes	No	Yes	No	No
34C	0.52498	DEAD	No	No	No	No	No	No
34C	0.52498	DEAD	No	No	No	No	No	Yes
34C	0.52498	DEAD	No	No	No	No	No	No
34C	0.52498	DEAD	No	No	Yes	No	No	No
34C	0.52498	DEAD	No	No	No	No	No	No
34C	0.52498	DEAD	No	No	No	No	No	No
34C	0.52498	DEAD	Yes	No	No	No	Yes	No
34C	0.	Lr	No	No	Yes	No	No	No
34C	0.	Lr	No	Yes	No	Yes	No	No
34C	0.	Lr	No	No	No	No	No	No
34C	0.	Lr	No	No	No	No	No	No
34C	0.	Lr	No	No	No	No	No	No
34C	0.	Lr	No	No	No	No	No	Yes
34C	0.	Lr	No	No	No	No	No	No
34C	0.	Lr	No	No	No	No	No	No
34C	0.	Lr	Yes	No	No	No	Yes	No
34C	0.26249	Lr	No	No	Yes	No	No	No
34C	0.26249	Lr	No	Yes	No	Yes	No	No
34C	0.26249	Lr	No	No	No	No	No	No
34C	0.26249	Lr	No	No	No	No	No	No
34C	0.26249	Lr	No	No	No	No	No	No
34C	0.26249	Lr	No	No	No	No	No	Yes
34C	0.26249	Lr	No	No	No	No	No	No
34C	0.26249	Lr	No	No	No	No	No	No
34C	0.26249	Lr	Yes	No	No	No	Yes	No
34C	0.52498	Lr	No	No	Yes	No	No	No
34C	0.52498	Lr	No	Yes	No	Yes	No	No
34C	0.52498	Lr	No	No	No	No	No	No
34C	0.52498	Lr	No	No	No	No	No	No
34C	0.52498	Lr	No	No	No	No	No	No
34C	0.52498	Lr	No	No	No	No	No	Yes
34C	0.52498	Lr	No	No	No	No	No	No
34C	0.52498	Lr	No	No	No	No	No	No
34C	0.52498	Lr	Yes	No	No	No	Yes	No
34C	0.	Le	No	No	Yes	No	No	No
34C	0.	Le	No	Yes	No	Yes	No	No
34C	0.	Le	No	No	No	No	No	No
34C	0.	Le	No	No	No	No	No	No
34C	0.	Le	No	No	No	No	No	No
34C	0.	Le	No	No	No	No	No	Yes
34C	0.	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34C	0.	Le	No	No	No	No	No	No
34C	0.	Le	Yes	No	No	No	Yes	No
34C	0.26249	Le	No	No	Yes	No	No	No
34C	0.26249	Le	No	Yes	No	Yes	No	No
34C	0.26249	Le	No	No	No	No	No	No
34C	0.26249	Le	No	No	No	No	No	No
34C	0.26249	Le	No	No	No	No	No	No
34C	0.26249	Le	No	No	No	No	No	Yes
34C	0.26249	Le	No	No	No	No	No	No
34C	0.26249	Le	No	No	No	No	No	No
34C	0.26249	Le	Yes	No	No	No	Yes	No
34C	0.52498	Le	No	No	Yes	No	No	No
34C	0.52498	Le	No	Yes	No	Yes	No	No
34C	0.52498	Le	No	No	No	No	No	No
34C	0.52498	Le	No	No	No	No	No	No
34C	0.52498	Le	No	No	No	No	No	No
34C	0.52498	Le	No	No	No	No	No	Yes
34C	0.52498	Le	No	No	No	No	No	No
34C	0.52498	Le	No	No	No	No	No	No
34C	0.52498	Le	Yes	No	No	No	Yes	No
34D	0.	DEAD	No	No	No	No	No	No
34D	0.	DEAD	No	No	No	No	No	No
34D	0.	DEAD	No	No	No	No	No	No
34D	0.	DEAD	No	No	Yes	No	No	No
34D	0.	DEAD	Yes	Yes	No	No	No	Yes
34D	0.	DEAD	No	No	No	No	No	No
34D	0.	DEAD	No	No	No	Yes	Yes	No
34D	0.	DEAD	No	No	No	No	No	No
34D	0.	DEAD	No	No	No	No	No	No
34D	0.26249	DEAD	No	No	No	No	No	No
34D	0.26249	DEAD	No	No	Yes	No	No	No
34D	0.26249	DEAD	No	No	No	No	No	No
34D	0.26249	DEAD	No	No	No	No	No	No
34D	0.26249	DEAD	Yes	No	No	No	No	Yes
34D	0.26249	DEAD	No	No	No	No	No	No
34D	0.26249	DEAD	No	No	No	No	No	No
34D	0.26249	DEAD	No	No	No	No	No	No
34D	0.26249	DEAD	No	Yes	No	Yes	Yes	No
34D	0.52498	DEAD	No	No	No	No	No	No
34D	0.52498	DEAD	No	No	No	No	No	Yes
34D	0.52498	DEAD	No	No	Yes	No	No	No
34D	0.52498	DEAD	No	No	No	No	No	No
34D	0.52498	DEAD	Yes	No	No	No	No	No
34D	0.52498	DEAD	No	No	No	No	No	No
34D	0.52498	DEAD	No	No	No	No	No	No
34D	0.52498	DEAD	No	No	No	Yes	Yes	No
34D	0.52498	DEAD	No	Yes	No	No	No	No
34D	0.	Lr	No	No	No	No	No	No
34D	0.	Lr	No	No	No	No	No	No
34D	0.	Lr	No	No	No	No	No	No
34D	0.	Lr	No	No	Yes	No	No	No
34D	0.	Lr	Yes	No	No	No	No	Yes
34D	0.	Lr	No	No	No	No	No	No
34D	0.	Lr	No	No	No	Yes	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34D	0.	Lr	No	No	No	No	No	No
34D	0.	Lr	No	Yes	No	No	No	No
34D	0.26249	Lr	No	No	No	No	No	No
34D	0.26249	Lr	No	No	Yes	No	No	No
34D	0.26249	Lr	No	No	No	No	No	No
34D	0.26249	Lr	No	No	No	No	No	No
34D	0.26249	Lr	Yes	No	No	No	No	Yes
34D	0.26249	Lr	No	No	No	No	No	No
34D	0.26249	Lr	No	No	No	No	No	No
34D	0.26249	Lr	No	No	No	No	No	No
34D	0.26249	Lr	No	Yes	No	Yes	Yes	No
34D	0.52498	Lr	No	No	No	No	No	No
34D	0.52498	Lr	No	No	No	No	No	No
34D	0.52498	Lr	No	No	Yes	No	No	No
34D	0.52498	Lr	No	No	No	No	No	No
34D	0.52498	Lr	Yes	No	No	No	No	Yes
34D	0.52498	Lr	No	No	No	No	No	No
34D	0.52498	Lr	No	No	No	No	No	No
34D	0.52498	Lr	No	No	No	Yes	Yes	No
34D	0.52498	Lr	No	Yes	No	No	No	No
34D	0.	Le	No	No	No	No	No	No
34D	0.	Le	No	No	No	No	No	No
34D	0.	Le	No	No	No	No	No	No
34D	0.	Le	No	No	Yes	No	No	No
34D	0.	Le	Yes	No	No	No	No	Yes
34D	0.	Le	No	No	No	No	No	No
34D	0.	Le	No	No	No	Yes	Yes	No
34D	0.	Le	No	No	No	No	No	No
34D	0.	Le	No	Yes	No	No	No	No
34D	0.26249	Le	No	No	No	No	No	No
34D	0.26249	Le	No	No	Yes	No	No	No
34D	0.26249	Le	No	No	No	No	No	No
34D	0.26249	Le	No	No	No	No	No	No
34D	0.26249	Le	Yes	No	No	No	No	Yes
34D	0.26249	Le	No	No	No	No	No	No
34D	0.26249	Le	No	No	No	No	No	No
34D	0.26249	Le	No	No	No	No	No	No
34D	0.26249	Le	No	Yes	No	Yes	Yes	No
34D	0.52498	Le	No	No	No	No	No	No
34D	0.52498	Le	No	No	No	No	No	No
34D	0.52498	Le	No	No	Yes	No	No	No
34D	0.52498	Le	No	No	No	No	No	No
34D	0.52498	Le	Yes	No	No	No	No	Yes
34D	0.52498	Le	No	No	No	No	No	No
34D	0.52498	Le	No	No	No	No	No	No
34D	0.52498	Le	No	No	No	Yes	Yes	No
34D	0.52498	Le	No	Yes	No	No	No	No
34E	0.	DEAD	No	No	No	No	No	No
34E	0.	DEAD	No	Yes	No	Yes	No	No
34E	0.	DEAD	No	No	No	No	No	No
34E	0.	DEAD	No	No	No	No	No	No
34E	0.	DEAD	No	No	Yes	No	No	No
34E	0.	DEAD	No	No	No	No	No	Yes
34E	0.	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34E	0.	DEAD	No	No	No	No	No	No
34E	0.	DEAD	Yes	No	No	No	Yes	No
34E	0.26249	DEAD	No	No	Yes	No	No	No
34E	0.26249	DEAD	No	Yes	No	Yes	No	No
34E	0.26249	DEAD	No	No	No	No	No	No
34E	0.26249	DEAD	No	No	No	No	No	No
34E	0.26249	DEAD	No	No	No	No	No	No
34E	0.26249	DEAD	No	No	No	No	No	Yes
34E	0.26249	DEAD	No	No	No	No	No	No
34E	0.26249	DEAD	No	No	No	No	No	No
34E	0.26249	DEAD	Yes	No	No	No	Yes	No
34E	0.52498	DEAD	No	No	No	No	No	No
34E	0.52498	DEAD	No	No	No	No	No	No
34E	0.52498	DEAD	No	No	No	No	No	No
34E	0.52498	DEAD	No	Yes	No	Yes	No	Yes
34E	0.52498	DEAD	No	No	No	No	No	No
34E	0.52498	DEAD	No	No	Yes	No	No	No
34E	0.52498	DEAD	No	No	No	No	Yes	No
34E	0.52498	DEAD	No	No	No	No	No	No
34E	0.52498	DEAD	Yes	No	No	No	No	No
34E	0.	Lr	No	No	Yes	No	No	No
34E	0.	Lr	No	Yes	No	Yes	No	No
34E	0.	Lr	No	No	No	No	No	No
34E	0.	Lr	No	No	No	No	No	No
34E	0.	Lr	No	No	No	No	No	No
34E	0.	Lr	No	No	No	No	No	Yes
34E	0.	Lr	No	No	No	No	No	No
34E	0.	Lr	No	No	No	No	No	No
34E	0.	Lr	Yes	No	No	No	Yes	No
34E	0.26249	Lr	No	No	Yes	No	No	No
34E	0.26249	Lr	No	Yes	No	Yes	No	No
34E	0.26249	Lr	No	No	No	No	No	No
34E	0.26249	Lr	No	No	No	No	No	No
34E	0.26249	Lr	No	No	No	No	No	No
34E	0.26249	Lr	No	No	No	No	No	Yes
34E	0.26249	Lr	No	No	No	No	No	No
34E	0.26249	Lr	No	No	No	No	No	No
34E	0.26249	Lr	Yes	No	No	No	Yes	No
34E	0.52498	Lr	No	No	Yes	No	No	No
34E	0.52498	Lr	No	No	No	No	No	No
34E	0.52498	Lr	No	No	No	No	No	No
34E	0.52498	Lr	No	Yes	No	Yes	No	No
34E	0.52498	Lr	No	No	No	No	No	No
34E	0.52498	Lr	No	No	No	No	No	Yes
34E	0.52498	Lr	No	No	No	No	Yes	No
34E	0.52498	Lr	No	No	No	No	No	No
34E	0.52498	Lr	Yes	No	No	No	No	No
34E	0.	Le	No	No	Yes	No	No	No
34E	0.	Le	No	Yes	No	Yes	No	No
34E	0.	Le	No	No	No	No	No	No
34E	0.	Le	No	No	No	No	No	No
34E	0.	Le	No	No	No	No	No	No
34E	0.	Le	No	No	No	No	No	Yes
34E	0.	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
34E	0.	Le	No	No	No	No	No	No
34E	0.	Le	Yes	No	No	No	Yes	No
34E	0.26249	Le	No	No	Yes	No	No	No
34E	0.26249	Le	No	Yes	No	Yes	No	No
34E	0.26249	Le	No	No	No	No	No	No
34E	0.26249	Le	No	No	No	No	No	No
34E	0.26249	Le	No	No	No	No	No	No
34E	0.26249	Le	No	No	No	No	No	Yes
34E	0.26249	Le	No	No	No	No	No	No
34E	0.26249	Le	No	No	No	No	No	No
34E	0.26249	Le	Yes	No	No	No	Yes	No
34E	0.52498	Le	No	No	Yes	No	No	No
34E	0.52498	Le	No	No	No	No	No	No
34E	0.52498	Le	No	No	No	No	No	No
34E	0.52498	Le	No	Yes	No	Yes	No	No
34E	0.52498	Le	No	No	No	No	No	No
34E	0.52498	Le	No	No	No	No	No	Yes
34E	0.52498	Le	No	No	No	No	Yes	No
34E	0.52498	Le	No	No	No	No	No	No
34E	0.52498	Le	Yes	No	No	No	No	No
35C	0.	DEAD					No	
35C	0.	DEAD					No	
35C	0.	DEAD					Yes	
35C	0.	DEAD					No	
35C	0.17	DEAD					No	
35C	0.17	DEAD					No	
35C	0.17	DEAD					No	
35C	0.17	DEAD					Yes	
35C	0.34	DEAD					No	
35C	0.34	DEAD					No	
35C	0.34	DEAD					No	
35C	0.34	DEAD					Yes	
35C	0.	Lr					No	
35C	0.	Lr					No	
35C	0.	Lr					Yes	
35C	0.	Lr					No	
35C	0.17	Lr					No	
35C	0.17	Lr					No	
35C	0.17	Lr					No	
35C	0.17	Lr					Yes	
35C	0.34	Lr					No	
35C	0.34	Lr					No	
35C	0.34	Lr					No	
35C	0.34	Lr					Yes	
35C	0.	Le					No	
35C	0.	Le					No	
35C	0.	Le					Yes	
35C	0.	Le					No	
35C	0.17	Le					No	
35C	0.17	Le					No	
35C	0.17	Le					No	
35C	0.17	Le					Yes	
35C	0.34	Le					No	
35C	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
35C	0.34	Le					No	
35C	0.34	Le					Yes	
35D	0.	DEAD					No	
35D	0.	DEAD					No	
35D	0.	DEAD					Yes	
35D	0.	DEAD					No	
35D	0.17	DEAD					No	
35D	0.17	DEAD					Yes	
35D	0.17	DEAD					No	
35D	0.17	DEAD					No	
35D	0.34	DEAD					No	
35D	0.34	DEAD					No	
35D	0.34	DEAD					No	
35D	0.34	DEAD					Yes	
35D	0.	Lr					No	
35D	0.	Lr					No	
35D	0.	Lr					Yes	
35D	0.	Lr					No	
35D	0.17	Lr					No	
35D	0.17	Lr					Yes	
35D	0.17	Lr					No	
35D	0.17	Lr					No	
35D	0.34	Lr					No	
35D	0.34	Lr					No	
35D	0.34	Lr					No	
35D	0.34	Lr					Yes	
35D	0.	Le					No	
35D	0.	Le					No	
35D	0.	Le					Yes	
35D	0.	Le					No	
35D	0.17	Le					No	
35D	0.17	Le					Yes	
35D	0.17	Le					No	
35D	0.17	Le					No	
35D	0.34	Le					No	
35D	0.34	Le					No	
35D	0.34	Le					No	
35D	0.34	Le					Yes	
35E	0.	DEAD					No	
35E	0.	DEAD					No	
35E	0.	DEAD					Yes	
35E	0.	DEAD					No	
35E	0.17	DEAD					No	
35E	0.17	DEAD					No	
35E	0.17	DEAD					No	
35E	0.17	DEAD					Yes	
35E	0.34	DEAD					No	
35E	0.34	DEAD					No	
35E	0.34	DEAD					No	
35E	0.34	DEAD					Yes	
35E	0.	Lr					No	
35E	0.	Lr					No	
35E	0.	Lr					Yes	
35E	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
35E	0.17	Lr					No	
35E	0.17	Lr					No	
35E	0.17	Lr					No	
35E	0.17	Lr					Yes	
35E	0.34	Lr					No	
35E	0.34	Lr					No	
35E	0.34	Lr					No	
35E	0.34	Lr					Yes	
35E	0.	Le					No	
35E	0.	Le					No	
35E	0.	Le					Yes	
35E	0.	Le					No	
35E	0.17	Le					No	
35E	0.17	Le					No	
35E	0.17	Le					No	
35E	0.17	Le					Yes	
35E	0.34	Le					No	
35E	0.34	Le					No	
35E	0.34	Le					No	
35E	0.34	Le					Yes	
35F	0.	DEAD					No	
35F	0.	DEAD					No	
35F	0.	DEAD					Yes	
35F	0.	DEAD					No	
35F	0.17	DEAD					No	
35F	0.17	DEAD					Yes	
35F	0.17	DEAD					No	
35F	0.17	DEAD					No	
35F	0.34	DEAD					No	
35F	0.34	DEAD					No	
35F	0.34	DEAD					No	
35F	0.34	DEAD					Yes	
35F	0.	Lr					No	
35F	0.	Lr					No	
35F	0.	Lr					Yes	
35F	0.	Lr					No	
35F	0.17	Lr					No	
35F	0.17	Lr					Yes	
35F	0.17	Lr					No	
35F	0.17	Lr					No	
35F	0.34	Lr					No	
35F	0.34	Lr					No	
35F	0.34	Lr					No	
35F	0.34	Lr					Yes	
35F	0.	Le					No	
35F	0.	Le					No	
35F	0.	Le					Yes	
35F	0.	Le					No	
35F	0.17	Le					No	
35F	0.17	Le					Yes	
35F	0.17	Le					No	
35F	0.17	Le					No	
35F	0.34	Le					No	
35F	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
35F	0.34	Le					No	
35F	0.34	Le					Yes	
360	0.	DEAD					No	
360	0.	DEAD					No	
360	0.	DEAD					Yes	
360	0.	DEAD					No	
360	0.17	DEAD					No	
360	0.17	DEAD					No	
360	0.17	DEAD					No	
360	0.17	DEAD					Yes	
360	0.34	DEAD					No	
360	0.34	DEAD					No	
360	0.34	DEAD					No	
360	0.34	DEAD					Yes	
360	0.	Lr					No	
360	0.	Lr					No	
360	0.	Lr					Yes	
360	0.	Lr					No	
360	0.17	Lr					No	
360	0.17	Lr					No	
360	0.17	Lr					No	
360	0.17	Lr					Yes	
360	0.34	Lr					No	
360	0.34	Lr					No	
360	0.34	Lr					No	
360	0.34	Lr					Yes	
360	0.	Le					No	
360	0.	Le					No	
360	0.	Le					Yes	
360	0.	Le					No	
360	0.17	Le					No	
360	0.17	Le					No	
360	0.17	Le					No	
360	0.17	Le					Yes	
360	0.34	Le					No	
360	0.34	Le					No	
360	0.34	Le					No	
360	0.34	Le					Yes	
361	0.	DEAD					No	
361	0.	DEAD					No	
361	0.	DEAD					Yes	
361	0.	DEAD					No	
361	0.17	DEAD					No	
361	0.17	DEAD					Yes	
361	0.17	DEAD					No	
361	0.17	DEAD					No	
361	0.34	DEAD					No	
361	0.34	DEAD					No	
361	0.34	DEAD					No	
361	0.34	DEAD					Yes	
361	0.	Lr					No	
361	0.	Lr					No	
361	0.	Lr					Yes	
361	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
361	0.17	Lr					No	
361	0.17	Lr					Yes	
361	0.17	Lr					No	
361	0.17	Lr					No	
361	0.34	Lr					No	
361	0.34	Lr					No	
361	0.34	Lr					No	
361	0.34	Lr					Yes	
361	0.	Le					No	
361	0.	Le					No	
361	0.	Le					Yes	
361	0.	Le					No	
361	0.17	Le					No	
361	0.17	Le					Yes	
361	0.17	Le					No	
361	0.17	Le					No	
361	0.34	Le					No	
361	0.34	Le					No	
361	0.34	Le					No	
361	0.34	Le					Yes	
362	0.	DEAD					No	
362	0.	DEAD					No	
362	0.	DEAD					Yes	
362	0.	DEAD					No	
362	0.17	DEAD					No	
362	0.17	DEAD					Yes	
362	0.17	DEAD					No	
362	0.17	DEAD					No	
362	0.34	DEAD					No	
362	0.34	DEAD					No	
362	0.34	DEAD					No	
362	0.34	DEAD					Yes	
362	0.	Lr					No	
362	0.	Lr					No	
362	0.	Lr					Yes	
362	0.	Lr					No	
362	0.17	Lr					No	
362	0.17	Lr					Yes	
362	0.17	Lr					No	
362	0.17	Lr					No	
362	0.34	Lr					No	
362	0.34	Lr					No	
362	0.34	Lr					No	
362	0.34	Lr					Yes	
362	0.	Le					No	
362	0.	Le					No	
362	0.	Le					Yes	
362	0.	Le					No	
362	0.17	Le					No	
362	0.17	Le					Yes	
362	0.17	Le					No	
362	0.17	Le					No	
362	0.34	Le					No	
362	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
362	0.34	Le					No	
362	0.34	Le					Yes	
363	0.	DEAD	No	No	Yes	No	No	No
363	0.	DEAD	Yes	No	No	No	No	No
363	0.	DEAD	No	No	No	No	No	No
363	0.	DEAD	No	No	No	No	No	No
363	0.	DEAD	No	Yes	No	Yes	No	Yes
363	0.	DEAD	No	No	No	No	Yes	No
363	0.	DEAD	No	No	No	No	No	No
363	0.	DEAD	No	No	No	No	No	No
363	0.	DEAD	No	No	No	No	No	No
363	0.26249	DEAD	No	No	Yes	No	No	No
363	0.26249	DEAD	Yes	Yes	No	Yes	No	No
363	0.26249	DEAD	No	No	No	No	No	No
363	0.26249	DEAD	No	No	No	No	No	No
363	0.26249	DEAD	No	No	No	No	No	Yes
363	0.26249	DEAD	No	No	No	No	No	No
363	0.26249	DEAD	No	No	No	No	No	No
363	0.26249	DEAD	No	No	No	No	No	No
363	0.26249	DEAD	No	No	No	No	Yes	No
363	0.52498	DEAD	No	No	Yes	No	No	No
363	0.52498	DEAD	Yes	No	No	No	No	No
363	0.52498	DEAD	No	No	No	No	No	No
363	0.52498	DEAD	No	Yes	No	Yes	No	No
363	0.52498	DEAD	No	No	No	No	No	Yes
363	0.52498	DEAD	No	No	No	No	No	No
363	0.52498	DEAD	No	No	No	No	Yes	No
363	0.52498	DEAD	No	No	No	No	No	No
363	0.52498	DEAD	No	No	No	No	No	No
363	0.	Lr	No	No	Yes	No	No	No
363	0.	Lr	Yes	No	No	No	No	No
363	0.	Lr	No	No	No	No	No	No
363	0.	Lr	No	No	No	No	No	No
363	0.	Lr	No	Yes	No	Yes	No	Yes
363	0.	Lr	No	No	No	No	Yes	No
363	0.	Lr	No	No	No	No	No	No
363	0.	Lr	No	No	No	No	No	No
363	0.	Lr	No	No	No	No	No	No
363	0.26249	Lr	No	No	Yes	No	No	No
363	0.26249	Lr	Yes	Yes	No	Yes	No	No
363	0.26249	Lr	No	No	No	No	No	No
363	0.26249	Lr	No	No	No	No	No	No
363	0.26249	Lr	No	No	No	No	No	Yes
363	0.26249	Lr	No	No	No	No	No	No
363	0.26249	Lr	No	No	No	No	No	No
363	0.26249	Lr	No	No	No	No	No	No
363	0.26249	Lr	No	No	No	No	Yes	No
363	0.52498	Lr	No	No	Yes	No	No	No
363	0.52498	Lr	Yes	No	No	No	No	No
363	0.52498	Lr	No	No	No	No	No	No
363	0.52498	Lr	No	Yes	No	Yes	No	No
363	0.52498	Lr	No	No	No	No	No	Yes
363	0.52498	Lr	No	No	No	No	No	No
363	0.52498	Lr	No	No	No	No	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
363	0.52498	Lr	No	No	No	No	No	No
363	0.52498	Lr	No	No	No	No	No	No
363	0.	Le	No	No	Yes	No	No	No
363	0.	Le	Yes	No	No	No	No	No
363	0.	Le	No	No	No	No	No	No
363	0.	Le	No	No	No	No	No	No
363	0.	Le	No	Yes	No	Yes	No	Yes
363	0.	Le	No	No	No	No	Yes	No
363	0.	Le	No	No	No	No	No	No
363	0.	Le	No	No	No	No	No	No
363	0.	Le	No	No	No	No	No	No
363	0.26249	Le	No	No	Yes	No	No	No
363	0.26249	Le	Yes	Yes	No	Yes	No	No
363	0.26249	Le	No	No	No	No	No	No
363	0.26249	Le	No	No	No	No	No	No
363	0.26249	Le	No	No	No	No	No	Yes
363	0.26249	Le	No	No	No	No	No	No
363	0.26249	Le	No	No	No	No	No	No
363	0.26249	Le	No	No	No	No	No	No
363	0.26249	Le	No	No	No	No	Yes	No
363	0.52498	Le	No	No	Yes	No	No	No
363	0.52498	Le	Yes	No	No	No	No	No
363	0.52498	Le	No	No	No	No	No	No
363	0.52498	Le	No	Yes	No	Yes	No	No
363	0.52498	Le	No	No	No	No	No	Yes
363	0.52498	Le	No	No	No	No	No	No
363	0.52498	Le	No	No	No	No	Yes	No
363	0.52498	Le	No	No	No	No	No	No
363	0.52498	Le	No	No	No	No	No	No
364	0.	DEAD	No	No	No	No	No	No
364	0.	DEAD	Yes	No	Yes	No	No	No
364	0.	DEAD	No	No	No	No	No	No
364	0.	DEAD	No	No	No	No	No	No
364	0.	DEAD	No	Yes	No	No	No	Yes
364	0.	DEAD	No	No	No	No	No	No
364	0.	DEAD	No	No	No	No	No	No
364	0.	DEAD	No	No	No	No	No	No
364	0.	DEAD	No	No	No	Yes	Yes	No
364	0.26249	DEAD	No	No	No	No	No	No
364	0.26249	DEAD	Yes	No	Yes	No	No	No
364	0.26249	DEAD	No	No	No	No	No	No
364	0.26249	DEAD	No	No	No	No	No	No
364	0.26249	DEAD	No	Yes	No	No	No	Yes
364	0.26249	DEAD	No	No	No	No	No	No
364	0.26249	DEAD	No	No	No	No	No	No
364	0.26249	DEAD	No	No	No	No	No	No
364	0.26249	DEAD	No	No	No	Yes	Yes	No
364	0.52498	DEAD	No	No	No	No	No	No
364	0.52498	DEAD	Yes	No	Yes	No	No	No
364	0.52498	DEAD	No	No	No	No	No	Yes
364	0.52498	DEAD	No	No	No	No	No	No
364	0.52498	DEAD	No	No	No	No	No	No
364	0.52498	DEAD	No	Yes	No	No	No	No
364	0.52498	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
364	0.52498	DEAD	No	No	No	No	No	No
364	0.52498	DEAD	No	No	No	Yes	Yes	No
364	0.	Lr	No	No	No	No	No	No
364	0.	Lr	Yes	No	Yes	No	No	No
364	0.	Lr	No	No	No	No	No	No
364	0.	Lr	No	No	No	No	No	No
364	0.	Lr	No	Yes	No	No	No	Yes
364	0.	Lr	No	No	No	No	No	No
364	0.	Lr	No	No	No	No	No	No
364	0.	Lr	No	No	No	No	No	No
364	0.	Lr	No	No	No	Yes	Yes	No
364	0.26249	Lr	No	No	No	No	No	No
364	0.26249	Lr	Yes	No	Yes	No	No	No
364	0.26249	Lr	No	No	No	No	No	No
364	0.26249	Lr	No	No	No	No	No	No
364	0.26249	Lr	No	Yes	No	No	No	Yes
364	0.26249	Lr	No	No	No	No	No	No
364	0.26249	Lr	No	No	No	No	No	No
364	0.26249	Lr	No	No	No	No	No	No
364	0.26249	Lr	No	No	No	Yes	Yes	No
364	0.52498	Lr	No	No	No	No	No	No
364	0.52498	Lr	Yes	No	Yes	No	No	No
364	0.52498	Lr	No	No	No	No	No	No
364	0.52498	Lr	No	No	No	No	No	No
364	0.52498	Lr	No	Yes	No	No	No	Yes
364	0.52498	Lr	No	No	No	No	No	No
364	0.52498	Lr	No	No	No	No	No	No
364	0.52498	Lr	No	No	No	No	No	No
364	0.52498	Lr	No	No	No	Yes	Yes	No
364	0.	Le	No	No	No	No	No	No
364	0.	Le	Yes	No	Yes	No	No	No
364	0.	Le	No	No	No	No	No	No
364	0.	Le	No	No	No	No	No	No
364	0.	Le	No	Yes	No	No	No	Yes
364	0.	Le	No	No	No	No	No	No
364	0.	Le	No	No	No	No	No	No
364	0.	Le	No	No	No	No	No	No
364	0.	Le	No	No	No	Yes	Yes	No
364	0.26249	Le	No	No	No	No	No	No
364	0.26249	Le	Yes	No	Yes	No	No	No
364	0.26249	Le	No	No	No	No	No	No
364	0.26249	Le	No	No	No	No	No	No
364	0.26249	Le	No	Yes	No	No	No	Yes
364	0.26249	Le	No	No	No	No	No	No
364	0.26249	Le	No	No	No	No	No	No
364	0.26249	Le	No	No	No	No	No	No
364	0.26249	Le	No	No	No	Yes	Yes	No
364	0.52498	Le	No	No	No	No	No	No
364	0.52498	Le	Yes	No	Yes	No	No	No
364	0.52498	Le	No	No	No	No	No	No
364	0.52498	Le	No	No	No	No	No	No
364	0.52498	Le	No	Yes	No	No	No	Yes
364	0.52498	Le	No	No	No	No	No	No
364	0.52498	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
364	0.52498	Le	No	No	No	No	No	No
364	0.52498	Le	No	No	No	Yes	Yes	No
365	0.	DEAD	No	No	No	No	No	No
365	0.	DEAD	Yes	No	No	No	No	No
365	0.	DEAD	No	Yes	No	Yes	No	No
365	0.	DEAD	No	No	No	No	No	No
365	0.	DEAD	No	No	No	No	No	Yes
365	0.	DEAD	No	No	Yes	No	No	No
365	0.	DEAD	No	No	No	No	No	No
365	0.	DEAD	No	No	No	No	Yes	No
365	0.	DEAD	No	No	No	No	No	No
365	0.26249	DEAD	No	No	Yes	No	No	No
365	0.26249	DEAD	Yes	Yes	No	Yes	No	No
365	0.26249	DEAD	No	No	No	No	No	No
365	0.26249	DEAD	No	No	No	No	No	No
365	0.26249	DEAD	No	No	No	No	No	Yes
365	0.26249	DEAD	No	No	No	No	No	No
365	0.26249	DEAD	No	No	No	No	No	No
365	0.26249	DEAD	No	No	No	No	No	No
365	0.26249	DEAD	No	No	No	No	Yes	No
365	0.52498	DEAD	No	No	No	No	No	No
365	0.52498	DEAD	Yes	No	No	No	No	No
365	0.52498	DEAD	No	No	No	No	No	Yes
365	0.52498	DEAD	No	Yes	No	Yes	No	No
365	0.52498	DEAD	No	No	Yes	No	No	No
365	0.52498	DEAD	No	No	No	No	No	No
365	0.52498	DEAD	No	No	No	No	Yes	No
365	0.52498	DEAD	No	No	No	No	No	No
365	0.52498	DEAD	No	No	No	No	No	No
365	0.	Lr	No	No	Yes	No	No	No
365	0.	Lr	Yes	No	No	No	No	No
365	0.	Lr	No	Yes	No	Yes	No	No
365	0.	Lr	No	No	No	No	No	No
365	0.	Lr	No	No	No	No	No	Yes
365	0.	Lr	No	No	No	No	No	No
365	0.	Lr	No	No	No	No	No	No
365	0.	Lr	No	No	No	No	Yes	No
365	0.	Lr	No	No	No	No	No	No
365	0.26249	Lr	No	No	Yes	No	No	No
365	0.26249	Lr	Yes	Yes	No	Yes	No	No
365	0.26249	Lr	No	No	No	No	No	No
365	0.26249	Lr	No	No	No	No	No	No
365	0.26249	Lr	No	No	No	No	No	Yes
365	0.26249	Lr	No	No	No	No	No	No
365	0.26249	Lr	No	No	No	No	No	No
365	0.26249	Lr	No	No	No	No	No	No
365	0.26249	Lr	No	No	No	No	Yes	No
365	0.52498	Lr	No	No	Yes	No	No	No
365	0.52498	Lr	Yes	No	No	No	No	No
365	0.52498	Lr	No	No	No	No	No	No
365	0.52498	Lr	No	Yes	No	Yes	No	No
365	0.52498	Lr	No	No	No	No	No	Yes
365	0.52498	Lr	No	No	No	No	No	No
365	0.52498	Lr	No	No	No	No	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
365	0.52498	Lr	No	No	No	No	No	No
365	0.52498	Lr	No	No	No	No	No	No
365	0.	Le	No	No	Yes	No	No	No
365	0.	Le	Yes	No	No	No	No	No
365	0.	Le	No	Yes	No	Yes	No	No
365	0.	Le	No	No	No	No	No	No
365	0.	Le	No	No	No	No	No	Yes
365	0.	Le	No	No	No	No	No	No
365	0.	Le	No	No	No	No	No	No
365	0.	Le	No	No	No	No	Yes	No
365	0.	Le	No	No	No	No	No	No
365	0.26249	Le	No	No	Yes	No	No	No
365	0.26249	Le	Yes	Yes	No	Yes	No	No
365	0.26249	Le	No	No	No	No	No	No
365	0.26249	Le	No	No	No	No	No	No
365	0.26249	Le	No	No	No	No	No	Yes
365	0.26249	Le	No	No	No	No	No	No
365	0.26249	Le	No	No	No	No	No	No
365	0.26249	Le	No	No	No	No	No	No
365	0.26249	Le	No	No	No	No	Yes	No
365	0.52498	Le	No	No	Yes	No	No	No
365	0.52498	Le	Yes	No	No	No	No	No
365	0.52498	Le	No	No	No	No	No	No
365	0.52498	Le	No	Yes	No	Yes	No	No
365	0.52498	Le	No	No	No	No	No	Yes
365	0.52498	Le	No	No	No	No	No	No
365	0.52498	Le	No	No	No	No	Yes	No
365	0.52498	Le	No	No	No	No	No	No
365	0.52498	Le	No	No	No	No	No	No
366	0.	DEAD	No	No	No	No	No	No
366	0.	DEAD	No	No	Yes	No	No	No
366	0.	DEAD	No	No	No	No	No	No
366	0.	DEAD	No	No	No	No	No	No
366	0.	DEAD	No	No	No	No	No	No
366	0.	DEAD	No	Yes	No	No	No	Yes
366	0.	DEAD	No	No	No	No	No	No
366	0.	DEAD	No	No	No	No	No	No
366	0.	DEAD	Yes	No	No	Yes	Yes	No
366	0.26249	DEAD	No	No	No	No	No	No
366	0.26249	DEAD	No	No	Yes	No	No	No
366	0.26249	DEAD	No	No	No	No	No	No
366	0.26249	DEAD	No	No	No	No	No	No
366	0.26249	DEAD	No	No	No	No	No	No
366	0.26249	DEAD	No	Yes	No	No	No	Yes
366	0.26249	DEAD	No	No	No	No	No	No
366	0.26249	DEAD	No	No	No	No	No	No
366	0.26249	DEAD	Yes	No	No	Yes	Yes	No
366	0.52498	DEAD	No	No	No	No	No	No
366	0.52498	DEAD	No	No	Yes	No	No	Yes
366	0.52498	DEAD	No	No	No	No	No	No
366	0.52498	DEAD	No	No	No	No	No	No
366	0.52498	DEAD	No	Yes	No	No	No	No
366	0.52498	DEAD	No	No	No	No	No	No
366	0.52498	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
366	0.52498	DEAD	No	No	No	No	No	No
366	0.52498	DEAD	Yes	No	No	Yes	Yes	No
366	0.	Lr	No	No	No	No	No	No
366	0.	Lr	No	No	Yes	No	No	No
366	0.	Lr	No	No	No	No	No	No
366	0.	Lr	No	No	No	No	No	No
366	0.	Lr	No	No	No	No	No	No
366	0.	Lr	No	Yes	No	No	No	Yes
366	0.	Lr	No	No	No	No	No	No
366	0.	Lr	No	No	No	No	No	No
366	0.	Lr	Yes	No	No	Yes	Yes	No
366	0.26249	Lr	No	No	No	No	No	No
366	0.26249	Lr	No	No	Yes	No	No	No
366	0.26249	Lr	No	No	No	No	No	No
366	0.26249	Lr	No	No	No	No	No	No
366	0.26249	Lr	No	No	No	No	No	No
366	0.26249	Lr	No	Yes	No	No	No	Yes
366	0.26249	Lr	No	No	No	No	No	No
366	0.26249	Lr	No	No	No	No	No	No
366	0.26249	Lr	Yes	No	No	Yes	Yes	No
366	0.52498	Lr	No	No	No	No	No	No
366	0.52498	Lr	No	No	Yes	No	No	No
366	0.52498	Lr	No	No	No	No	No	No
366	0.52498	Lr	No	No	No	No	No	No
366	0.52498	Lr	No	No	No	No	No	No
366	0.52498	Lr	No	Yes	No	No	No	Yes
366	0.52498	Lr	No	No	No	No	No	No
366	0.52498	Lr	No	No	No	No	No	No
366	0.52498	Lr	Yes	No	No	Yes	Yes	No
366	0.	Le	No	No	No	No	No	No
366	0.	Le	No	No	Yes	No	No	No
366	0.	Le	No	No	No	No	No	No
366	0.	Le	No	No	No	No	No	No
366	0.	Le	No	No	No	No	No	No
366	0.	Le	No	Yes	No	No	No	Yes
366	0.	Le	No	No	No	No	No	No
366	0.	Le	No	No	No	No	No	No
366	0.	Le	Yes	No	No	Yes	Yes	No
366	0.26249	Le	No	No	No	No	No	No
366	0.26249	Le	No	No	Yes	No	No	No
366	0.26249	Le	No	No	No	No	No	No
366	0.26249	Le	No	No	No	No	No	No
366	0.26249	Le	No	No	No	No	No	No
366	0.26249	Le	No	Yes	No	No	No	Yes
366	0.26249	Le	No	No	No	No	No	No
366	0.26249	Le	No	No	No	No	No	No
366	0.26249	Le	Yes	No	No	Yes	Yes	No
366	0.52498	Le	No	No	No	No	No	No
366	0.52498	Le	No	No	Yes	No	No	No
366	0.52498	Le	No	No	No	No	No	No
366	0.52498	Le	No	No	No	No	No	No
366	0.52498	Le	No	No	No	No	No	No
366	0.52498	Le	No	Yes	No	No	No	Yes
366	0.52498	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
366	0.52498	Le	No	No	No	No	No	No
366	0.52498	Le	Yes	No	No	Yes	Yes	No
367	0.	DEAD	No	No	No	No	No	No
367	0.	DEAD	Yes	Yes	No	Yes	No	No
367	0.	DEAD	No	No	No	No	No	No
367	0.	DEAD	No	No	No	No	No	No
367	0.	DEAD	No	No	No	No	No	Yes
367	0.	DEAD	No	No	Yes	No	No	No
367	0.	DEAD	No	No	No	No	No	No
367	0.	DEAD	No	No	No	No	No	No
367	0.	DEAD	No	No	No	No	Yes	No
367	0.26249	DEAD	No	No	Yes	No	No	No
367	0.26249	DEAD	Yes	Yes	No	Yes	No	No
367	0.26249	DEAD	No	No	No	No	No	No
367	0.26249	DEAD	No	No	No	No	No	No
367	0.26249	DEAD	No	No	No	No	No	Yes
367	0.26249	DEAD	No	No	No	No	No	No
367	0.26249	DEAD	No	No	No	No	No	No
367	0.26249	DEAD	No	No	No	No	No	No
367	0.26249	DEAD	No	No	No	No	Yes	No
367	0.52498	DEAD	No	No	No	No	No	No
367	0.52498	DEAD	Yes	Yes	No	Yes	No	No
367	0.52498	DEAD	No	No	No	No	No	Yes
367	0.52498	DEAD	No	No	No	No	No	No
367	0.52498	DEAD	No	No	Yes	No	No	No
367	0.52498	DEAD	No	No	No	No	No	No
367	0.52498	DEAD	No	No	No	No	No	No
367	0.52498	DEAD	No	No	No	No	No	No
367	0.52498	DEAD	No	No	No	No	Yes	No
367	0.	Lr	No	No	Yes	No	No	No
367	0.	Lr	Yes	Yes	No	Yes	No	No
367	0.	Lr	No	No	No	No	No	No
367	0.	Lr	No	No	No	No	No	No
367	0.	Lr	No	No	No	No	No	Yes
367	0.	Lr	No	No	No	No	No	No
367	0.	Lr	No	No	No	No	No	No
367	0.	Lr	No	No	No	No	No	No
367	0.	Lr	No	No	No	No	Yes	No
367	0.26249	Lr	No	No	Yes	No	No	No
367	0.26249	Lr	Yes	Yes	No	Yes	No	No
367	0.26249	Lr	No	No	No	No	No	No
367	0.26249	Lr	No	No	No	No	No	No
367	0.26249	Lr	No	No	No	No	No	Yes
367	0.26249	Lr	No	No	No	No	No	No
367	0.26249	Lr	No	No	No	No	No	No
367	0.26249	Lr	No	No	No	No	No	No
367	0.26249	Lr	No	No	No	No	Yes	No
367	0.52498	Lr	No	No	Yes	No	No	No
367	0.52498	Lr	Yes	Yes	No	Yes	No	No
367	0.52498	Lr	No	No	No	No	No	No
367	0.52498	Lr	No	No	No	No	No	No
367	0.52498	Lr	No	No	No	No	No	Yes
367	0.52498	Lr	No	No	No	No	No	No
367	0.52498	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
367	0.52498	Lr	No	No	No	No	No	No
367	0.52498	Lr	No	No	No	No	Yes	No
367	0.	Le	No	No	Yes	No	No	No
367	0.	Le	Yes	Yes	No	Yes	No	No
367	0.	Le	No	No	No	No	No	No
367	0.	Le	No	No	No	No	No	No
367	0.	Le	No	No	No	No	No	Yes
367	0.	Le	No	No	No	No	No	No
367	0.	Le	No	No	No	No	No	No
367	0.	Le	No	No	No	No	No	No
367	0.	Le	No	No	No	No	Yes	No
367	0.26249	Le	No	No	Yes	No	No	No
367	0.26249	Le	Yes	Yes	No	Yes	No	No
367	0.26249	Le	No	No	No	No	No	No
367	0.26249	Le	No	No	No	No	No	No
367	0.26249	Le	No	No	No	No	No	Yes
367	0.26249	Le	No	No	No	No	No	No
367	0.26249	Le	No	No	No	No	No	No
367	0.26249	Le	No	No	No	No	No	No
367	0.26249	Le	No	No	No	No	Yes	No
367	0.52498	Le	No	No	Yes	No	No	No
367	0.52498	Le	Yes	Yes	No	Yes	No	No
367	0.52498	Le	No	No	No	No	No	No
367	0.52498	Le	No	No	No	No	No	No
367	0.52498	Le	No	No	No	No	No	Yes
367	0.52498	Le	No	No	No	No	No	No
367	0.52498	Le	No	No	No	No	No	No
367	0.52498	Le	No	No	No	No	No	No
367	0.52498	Le	No	No	No	No	Yes	No
368	0.	DEAD	No	No	No	No	No	No
368	0.	DEAD	No	No	Yes	No	No	No
368	0.	DEAD	No	No	No	No	No	No
368	0.	DEAD	No	Yes	No	No	No	No
368	0.	DEAD	No	No	No	No	No	No
368	0.	DEAD	No	No	No	No	No	Yes
368	0.	DEAD	No	No	No	No	No	No
368	0.	DEAD	No	No	No	No	No	No
368	0.	DEAD	Yes	No	No	Yes	Yes	No
368	0.26249	DEAD	No	No	No	No	No	No
368	0.26249	DEAD	No	Yes	Yes	No	No	No
368	0.26249	DEAD	No	No	No	No	No	No
368	0.26249	DEAD	No	No	No	No	No	No
368	0.26249	DEAD	No	No	No	No	No	No
368	0.26249	DEAD	No	No	No	No	No	Yes
368	0.26249	DEAD	No	No	No	No	No	No
368	0.26249	DEAD	No	No	No	No	No	No
368	0.26249	DEAD	Yes	No	No	Yes	Yes	No
368	0.52498	DEAD	No	No	No	No	No	No
368	0.52498	DEAD	No	Yes	Yes	No	No	No
368	0.52498	DEAD	No	No	No	No	No	No
368	0.52498	DEAD	No	No	No	No	No	Yes
368	0.52498	DEAD	No	No	No	No	No	No
368	0.52498	DEAD	No	No	No	No	No	No
368	0.52498	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
368	0.52498	DEAD	No	No	No	No	No	No
368	0.52498	DEAD	Yes	No	No	Yes	Yes	No
368	0.	Lr	No	No	No	No	No	No
368	0.	Lr	No	Yes	Yes	No	No	No
368	0.	Lr	No	No	No	No	No	No
368	0.	Lr	No	No	No	No	No	No
368	0.	Lr	No	No	No	No	No	No
368	0.	Lr	No	No	No	No	No	Yes
368	0.	Lr	No	No	No	No	No	No
368	0.	Lr	No	No	No	No	No	No
368	0.	Lr	Yes	No	No	Yes	Yes	No
368	0.26249	Lr	No	No	No	No	No	No
368	0.26249	Lr	No	Yes	Yes	No	No	No
368	0.26249	Lr	No	No	No	No	No	No
368	0.26249	Lr	No	No	No	No	No	No
368	0.26249	Lr	No	No	No	No	No	No
368	0.26249	Lr	No	No	No	No	No	Yes
368	0.26249	Lr	No	No	No	No	No	No
368	0.26249	Lr	No	No	No	No	No	No
368	0.26249	Lr	Yes	No	No	Yes	Yes	No
368	0.52498	Lr	No	No	No	No	No	No
368	0.52498	Lr	No	Yes	Yes	No	No	No
368	0.52498	Lr	No	No	No	No	No	No
368	0.52498	Lr	No	No	No	No	No	No
368	0.52498	Lr	No	No	No	No	No	No
368	0.52498	Lr	No	No	No	No	No	Yes
368	0.52498	Lr	No	No	No	No	No	No
368	0.52498	Lr	No	No	No	No	No	No
368	0.52498	Lr	Yes	No	No	Yes	Yes	No
368	0.	Le	No	No	No	No	No	No
368	0.	Le	No	Yes	Yes	No	No	No
368	0.	Le	No	No	No	No	No	No
368	0.	Le	No	No	No	No	No	No
368	0.	Le	No	No	No	No	No	No
368	0.	Le	No	No	No	No	No	Yes
368	0.	Le	No	No	No	No	No	No
368	0.	Le	No	No	No	No	No	No
368	0.	Le	Yes	No	No	Yes	Yes	No
368	0.26249	Le	No	No	No	No	No	No
368	0.26249	Le	No	Yes	Yes	No	No	No
368	0.26249	Le	No	No	No	No	No	No
368	0.26249	Le	No	No	No	No	No	No
368	0.26249	Le	No	No	No	No	No	No
368	0.26249	Le	No	No	No	No	No	Yes
368	0.26249	Le	No	No	No	No	No	No
368	0.26249	Le	No	No	No	No	No	No
368	0.26249	Le	Yes	No	No	Yes	Yes	No
368	0.52498	Le	No	No	No	No	No	No
368	0.52498	Le	No	Yes	Yes	No	No	No
368	0.52498	Le	No	No	No	No	No	No
368	0.52498	Le	No	No	No	No	No	No
368	0.52498	Le	No	No	No	No	No	No
368	0.52498	Le	No	No	No	No	No	Yes
368	0.52498	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
368	0.52498	Le	No	No	No	No	No	No
368	0.52498	Le	Yes	No	No	Yes	Yes	No
369	0.	DEAD					No	
369	0.	DEAD					No	
369	0.	DEAD					No	
369	0.	DEAD					Yes	
369	0.17	DEAD					No	
369	0.17	DEAD					Yes	
369	0.17	DEAD					No	
369	0.17	DEAD					No	
369	0.34	DEAD					No	
369	0.34	DEAD					No	
369	0.34	DEAD					Yes	
369	0.34	DEAD					No	
369	0.	Lr					No	
369	0.	Lr					No	
369	0.	Lr					No	
369	0.	Lr					Yes	
369	0.17	Lr					No	
369	0.17	Lr					Yes	
369	0.17	Lr					No	
369	0.17	Lr					No	
369	0.34	Lr					No	
369	0.34	Lr					No	
369	0.34	Lr					Yes	
369	0.34	Lr					No	
369	0.	Le					No	
369	0.	Le					No	
369	0.	Le					No	
369	0.	Le					Yes	
369	0.17	Le					No	
369	0.17	Le					Yes	
369	0.17	Le					No	
369	0.17	Le					No	
369	0.34	Le					No	
369	0.34	Le					No	
369	0.34	Le					Yes	
369	0.34	Le					No	
36A	0.	DEAD					No	
36A	0.	DEAD					No	
36A	0.	DEAD					No	
36A	0.	DEAD					Yes	
36A	0.17	DEAD					No	
36A	0.17	DEAD					Yes	
36A	0.17	DEAD					No	
36A	0.17	DEAD					No	
36A	0.34	DEAD					No	
36A	0.34	DEAD					No	
36A	0.34	DEAD					Yes	
36A	0.34	DEAD					No	
36A	0.	Lr					No	
36A	0.	Lr					No	
36A	0.	Lr					No	
36A	0.	Lr					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
36A	0.17	Lr					No	
36A	0.17	Lr					Yes	
36A	0.17	Lr					No	
36A	0.17	Lr					No	
36A	0.34	Lr					No	
36A	0.34	Lr					No	
36A	0.34	Lr					Yes	
36A	0.34	Lr					No	
36A	0.	Le					No	
36A	0.	Le					No	
36A	0.	Le					No	
36A	0.	Le					Yes	
36A	0.17	Le					No	
36A	0.17	Le					Yes	
36A	0.17	Le					No	
36A	0.17	Le					No	
36A	0.34	Le					No	
36A	0.34	Le					No	
36A	0.34	Le					Yes	
36A	0.34	Le					No	
36B	0.	DEAD					No	
36B	0.	DEAD					No	
36B	0.	DEAD					No	
36B	0.	DEAD					Yes	
36B	0.17	DEAD					No	
36B	0.17	DEAD					Yes	
36B	0.17	DEAD					No	
36B	0.17	DEAD					No	
36B	0.34	DEAD					No	
36B	0.34	DEAD					No	
36B	0.34	DEAD					Yes	
36B	0.34	DEAD					No	
36B	0.	Lr					No	
36B	0.	Lr					No	
36B	0.	Lr					No	
36B	0.	Lr					Yes	
36B	0.17	Lr					No	
36B	0.17	Lr					Yes	
36B	0.17	Lr					No	
36B	0.17	Lr					No	
36B	0.34	Lr					No	
36B	0.34	Lr					No	
36B	0.34	Lr					Yes	
36B	0.34	Lr					No	
36B	0.	Le					No	
36B	0.	Le					No	
36B	0.	Le					No	
36B	0.	Le					Yes	
36B	0.17	Le					No	
36B	0.17	Le					Yes	
36B	0.17	Le					No	
36B	0.17	Le					No	
36B	0.34	Le					No	
36B	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
36B	0.34	Le					Yes	
36B	0.34	Le					No	
36C	0.	DEAD					No	
36C	0.	DEAD					No	
36C	0.	DEAD					No	
36C	0.	DEAD					Yes	
36C	0.17	DEAD					No	
36C	0.17	DEAD					Yes	
36C	0.17	DEAD					No	
36C	0.17	DEAD					No	
36C	0.34	DEAD					No	
36C	0.34	DEAD					No	
36C	0.34	DEAD					Yes	
36C	0.34	DEAD					No	
36C	0.	Lr					No	
36C	0.	Lr					No	
36C	0.	Lr					No	
36C	0.	Lr					Yes	
36C	0.17	Lr					No	
36C	0.17	Lr					Yes	
36C	0.17	Lr					No	
36C	0.17	Lr					No	
36C	0.34	Lr					No	
36C	0.34	Lr					No	
36C	0.34	Lr					Yes	
36C	0.34	Lr					No	
36C	0.	Le					No	
36C	0.	Le					No	
36C	0.	Le					No	
36C	0.	Le					Yes	
36C	0.17	Le					No	
36C	0.17	Le					Yes	
36C	0.17	Le					No	
36C	0.17	Le					No	
36C	0.34	Le					No	
36C	0.34	Le					No	
36C	0.34	Le					Yes	
36C	0.34	Le					No	
36D	0.	DEAD					No	
36D	0.	DEAD					No	
36D	0.	DEAD					No	
36D	0.	DEAD					Yes	
36D	0.17	DEAD					No	
36D	0.17	DEAD					No	
36D	0.17	DEAD					Yes	
36D	0.17	DEAD					No	
36D	0.34	DEAD					No	
36D	0.34	DEAD					No	
36D	0.34	DEAD					Yes	
36D	0.34	DEAD					No	
36D	0.	Lr					No	
36D	0.	Lr					No	
36D	0.	Lr					No	
36D	0.	Lr					Yes	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
36D	0.17	Lr					No	
36D	0.17	Lr					No	
36D	0.17	Lr					Yes	
36D	0.17	Lr					No	
36D	0.34	Lr					No	
36D	0.34	Lr					No	
36D	0.34	Lr					Yes	
36D	0.34	Lr					No	
36D	0.	Le					No	
36D	0.	Le					No	
36D	0.	Le					No	
36D	0.	Le					Yes	
36D	0.17	Le					No	
36D	0.17	Le					No	
36D	0.17	Le					Yes	
36D	0.17	Le					No	
36D	0.34	Le					No	
36D	0.34	Le					No	
36D	0.34	Le					Yes	
36D	0.34	Le					No	
36E	0.	DEAD					No	
36E	0.	DEAD					No	
36E	0.	DEAD					No	
36E	0.	DEAD					Yes	
36E	0.17	DEAD					No	
36E	0.17	DEAD					No	
36E	0.17	DEAD					Yes	
36E	0.17	DEAD					No	
36E	0.34	DEAD					No	
36E	0.34	DEAD					No	
36E	0.34	DEAD					Yes	
36E	0.34	DEAD					No	
36E	0.	Lr					No	
36E	0.	Lr					No	
36E	0.	Lr					No	
36E	0.	Lr					Yes	
36E	0.17	Lr					No	
36E	0.17	Lr					No	
36E	0.17	Lr					Yes	
36E	0.17	Lr					No	
36E	0.34	Lr					No	
36E	0.34	Lr					No	
36E	0.34	Lr					Yes	
36E	0.34	Lr					No	
36E	0.	Le					No	
36E	0.	Le					No	
36E	0.	Le					No	
36E	0.	Le					Yes	
36E	0.17	Le					No	
36E	0.17	Le					No	
36E	0.17	Le					Yes	
36E	0.17	Le					No	
36E	0.34	Le					No	
36E	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
36E	0.34	Le					Yes	
36E	0.34	Le					No	
36F	0.	DEAD	No	No	No	No	No	No
36F	0.	DEAD	Yes	Yes	Yes	No	No	No
36F	0.	DEAD	No	No	No	No	No	No
36F	0.	DEAD	No	No	No	No	No	No
36F	0.	DEAD	No	No	No	No	No	Yes
36F	0.	DEAD	No	No	No	No	No	No
36F	0.	DEAD	No	No	No	No	No	No
36F	0.	DEAD	No	No	No	No	No	No
36F	0.	DEAD	No	No	No	Yes	Yes	No
36F	0.26249	DEAD	No	No	No	No	No	No
36F	0.26249	DEAD	Yes	Yes	Yes	No	No	No
36F	0.26249	DEAD	No	No	No	No	No	No
36F	0.26249	DEAD	No	No	No	No	No	No
36F	0.26249	DEAD	No	No	No	No	No	Yes
36F	0.26249	DEAD	No	No	No	No	No	No
36F	0.26249	DEAD	No	No	No	No	No	No
36F	0.26249	DEAD	No	No	No	No	No	No
36F	0.26249	DEAD	No	No	No	Yes	Yes	No
36F	0.52498	DEAD	No	No	No	No	No	No
36F	0.52498	DEAD	Yes	Yes	Yes	No	No	No
36F	0.52498	DEAD	No	No	No	No	No	Yes
36F	0.52498	DEAD	No	No	No	No	No	No
36F	0.52498	DEAD	No	No	No	No	No	No
36F	0.52498	DEAD	No	No	No	No	No	No
36F	0.52498	DEAD	No	No	No	No	No	No
36F	0.52498	DEAD	No	No	No	No	No	No
36F	0.52498	DEAD	No	No	No	Yes	Yes	No
36F	0.	Lr	No	No	No	No	No	No
36F	0.	Lr	Yes	Yes	Yes	No	No	No
36F	0.	Lr	No	No	No	No	No	No
36F	0.	Lr	No	No	No	No	No	No
36F	0.	Lr	No	No	No	No	No	Yes
36F	0.	Lr	No	No	No	No	No	No
36F	0.	Lr	No	No	No	No	No	No
36F	0.	Lr	No	No	No	No	No	No
36F	0.	Lr	No	No	No	Yes	Yes	No
36F	0.26249	Lr	No	No	No	No	No	No
36F	0.26249	Lr	Yes	Yes	Yes	No	No	No
36F	0.26249	Lr	No	No	No	No	No	No
36F	0.26249	Lr	No	No	No	No	No	No
36F	0.26249	Lr	No	No	No	No	No	Yes
36F	0.26249	Lr	No	No	No	No	No	No
36F	0.26249	Lr	No	No	No	No	No	No
36F	0.26249	Lr	No	No	No	No	No	No
36F	0.26249	Lr	No	No	No	Yes	Yes	No
36F	0.52498	Lr	No	No	No	No	No	No
36F	0.52498	Lr	Yes	Yes	Yes	No	No	No
36F	0.52498	Lr	No	No	No	No	No	No
36F	0.52498	Lr	No	No	No	No	No	No
36F	0.52498	Lr	No	No	No	No	No	Yes
36F	0.52498	Lr	No	No	No	No	No	No
36F	0.52498	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
36F	0.52498	Lr	No	No	No	No	No	No
36F	0.52498	Lr	No	No	No	Yes	Yes	No
36F	0.	Le	No	No	No	No	No	No
36F	0.	Le	Yes	Yes	Yes	No	No	No
36F	0.	Le	No	No	No	No	No	No
36F	0.	Le	No	No	No	No	No	No
36F	0.	Le	No	No	No	No	No	Yes
36F	0.	Le	No	No	No	No	No	No
36F	0.	Le	No	No	No	No	No	No
36F	0.	Le	No	No	No	No	No	No
36F	0.	Le	No	No	No	Yes	Yes	No
36F	0.26249	Le	No	No	No	No	No	No
36F	0.26249	Le	Yes	Yes	Yes	No	No	No
36F	0.26249	Le	No	No	No	No	No	No
36F	0.26249	Le	No	No	No	No	No	No
36F	0.26249	Le	No	No	No	No	No	Yes
36F	0.26249	Le	No	No	No	No	No	No
36F	0.26249	Le	No	No	No	No	No	No
36F	0.26249	Le	No	No	No	No	No	No
36F	0.26249	Le	No	No	No	Yes	Yes	No
36F	0.52498	Le	No	No	No	No	No	No
36F	0.52498	Le	Yes	Yes	Yes	No	No	No
36F	0.52498	Le	No	No	No	No	No	No
36F	0.52498	Le	No	No	No	No	No	No
36F	0.52498	Le	No	No	No	No	No	Yes
36F	0.52498	Le	No	No	No	No	No	No
36F	0.52498	Le	No	No	No	No	No	No
36F	0.52498	Le	No	No	No	No	No	No
36F	0.52498	Le	No	No	No	Yes	Yes	No
370	0.	DEAD	No	No	No	No	No	No
370	0.	DEAD	No	Yes	No	Yes	No	No
370	0.	DEAD	No	No	No	No	No	No
370	0.	DEAD	No	No	No	No	No	No
370	0.	DEAD	No	No	Yes	No	No	No
370	0.	DEAD	No	No	No	No	No	Yes
370	0.	DEAD	No	No	No	No	No	No
370	0.	DEAD	No	No	No	No	No	No
370	0.	DEAD	Yes	No	No	No	Yes	No
370	0.26249	DEAD	No	No	Yes	No	No	No
370	0.26249	DEAD	No	Yes	No	Yes	No	No
370	0.26249	DEAD	No	No	No	No	No	No
370	0.26249	DEAD	No	No	No	No	No	No
370	0.26249	DEAD	No	No	No	No	No	No
370	0.26249	DEAD	No	No	No	No	No	Yes
370	0.26249	DEAD	No	No	No	No	No	No
370	0.26249	DEAD	No	No	No	No	No	No
370	0.26249	DEAD	Yes	No	No	No	Yes	No
370	0.52498	DEAD	No	No	No	No	No	No
370	0.52498	DEAD	No	Yes	No	Yes	No	No
370	0.52498	DEAD	No	No	No	No	No	No
370	0.52498	DEAD	No	No	No	No	No	Yes
370	0.52498	DEAD	No	No	No	No	No	No
370	0.52498	DEAD	No	No	Yes	No	No	No
370	0.52498	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
370	0.52498	DEAD	No	No	No	No	No	No
370	0.52498	DEAD	Yes	No	No	No	Yes	No
370	0.	Lr	No	No	Yes	No	No	No
370	0.	Lr	No	Yes	No	Yes	No	No
370	0.	Lr	No	No	No	No	No	No
370	0.	Lr	No	No	No	No	No	No
370	0.	Lr	No	No	No	No	No	No
370	0.	Lr	No	No	No	No	No	Yes
370	0.	Lr	No	No	No	No	No	No
370	0.	Lr	No	No	No	No	No	No
370	0.	Lr	Yes	No	No	No	Yes	No
370	0.26249	Lr	No	No	Yes	No	No	No
370	0.26249	Lr	No	Yes	No	Yes	No	No
370	0.26249	Lr	No	No	No	No	No	No
370	0.26249	Lr	No	No	No	No	No	No
370	0.26249	Lr	No	No	No	No	No	No
370	0.26249	Lr	No	No	No	No	No	Yes
370	0.26249	Lr	No	No	No	No	No	No
370	0.26249	Lr	No	No	No	No	No	No
370	0.26249	Lr	Yes	No	No	No	Yes	No
370	0.52498	Lr	No	No	Yes	No	No	No
370	0.52498	Lr	No	Yes	No	Yes	No	No
370	0.52498	Lr	No	No	No	No	No	No
370	0.52498	Lr	No	No	No	No	No	No
370	0.52498	Lr	No	No	No	No	No	No
370	0.52498	Lr	No	No	No	No	No	Yes
370	0.52498	Lr	No	No	No	No	No	No
370	0.52498	Lr	No	No	No	No	No	No
370	0.52498	Lr	Yes	No	No	No	Yes	No
370	0.	Le	No	No	Yes	No	No	No
370	0.	Le	No	Yes	No	Yes	No	No
370	0.	Le	No	No	No	No	No	No
370	0.	Le	No	No	No	No	No	No
370	0.	Le	No	No	No	No	No	No
370	0.	Le	No	No	No	No	No	Yes
370	0.	Le	No	No	No	No	No	No
370	0.	Le	No	No	No	No	No	No
370	0.	Le	Yes	No	No	No	Yes	No
370	0.26249	Le	No	No	Yes	No	No	No
370	0.26249	Le	No	Yes	No	Yes	No	No
370	0.26249	Le	No	No	No	No	No	No
370	0.26249	Le	No	No	No	No	No	No
370	0.26249	Le	No	No	No	No	No	No
370	0.26249	Le	No	No	No	No	No	Yes
370	0.26249	Le	No	No	No	No	No	No
370	0.26249	Le	No	No	No	No	No	No
370	0.26249	Le	Yes	No	No	No	Yes	No
370	0.52498	Le	No	No	Yes	No	No	No
370	0.52498	Le	No	Yes	No	Yes	No	No
370	0.52498	Le	No	No	No	No	No	No
370	0.52498	Le	No	No	No	No	No	No
370	0.52498	Le	No	No	No	No	No	No
370	0.52498	Le	No	No	No	No	No	Yes
370	0.52498	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
370	0.52498	Le	No	No	No	No	No	No
370	0.52498	Le	Yes	No	No	No	Yes	No
371	0.	DEAD	No	No	No	No	No	No
371	0.	DEAD	Yes	No	No	No	No	No
371	0.	DEAD	No	No	No	No	No	No
371	0.	DEAD	No	No	Yes	No	No	No
371	0.	DEAD	No	Yes	No	No	No	Yes
371	0.	DEAD	No	No	No	No	No	No
371	0.	DEAD	No	No	No	Yes	Yes	No
371	0.	DEAD	No	No	No	No	No	No
371	0.	DEAD	No	No	No	No	No	No
371	0.26249	DEAD	No	No	No	No	No	No
371	0.26249	DEAD	Yes	No	Yes	No	No	No
371	0.26249	DEAD	No	No	No	No	No	No
371	0.26249	DEAD	No	No	No	No	No	No
371	0.26249	DEAD	No	No	No	No	No	Yes
371	0.26249	DEAD	No	No	No	No	No	No
371	0.26249	DEAD	No	No	No	No	No	No
371	0.26249	DEAD	No	No	No	No	No	No
371	0.26249	DEAD	No	Yes	No	Yes	Yes	No
371	0.52498	DEAD	No	No	No	No	No	No
371	0.52498	DEAD	Yes	No	Yes	No	No	No
371	0.52498	DEAD	No	No	No	No	No	Yes
371	0.52498	DEAD	No	No	No	No	No	No
371	0.52498	DEAD	No	No	No	No	No	No
371	0.52498	DEAD	No	Yes	No	No	No	No
371	0.52498	DEAD	No	No	No	No	No	No
371	0.52498	DEAD	No	No	No	No	No	No
371	0.52498	DEAD	No	No	No	Yes	Yes	No
371	0.	Lr	No	No	No	No	No	No
371	0.	Lr	Yes	No	Yes	No	No	No
371	0.	Lr	No	No	No	No	No	No
371	0.	Lr	No	No	No	No	No	No
371	0.	Lr	No	No	No	No	No	Yes
371	0.	Lr	No	No	No	No	No	No
371	0.	Lr	No	No	No	No	No	No
371	0.	Lr	No	No	No	No	No	No
371	0.	Lr	No	Yes	No	Yes	Yes	No
371	0.26249	Lr	No	No	No	No	No	No
371	0.26249	Lr	Yes	No	Yes	No	No	No
371	0.26249	Lr	No	No	No	No	No	No
371	0.26249	Lr	No	No	No	No	No	No
371	0.26249	Lr	No	No	No	No	No	Yes
371	0.26249	Lr	No	No	No	No	No	No
371	0.26249	Lr	No	No	No	No	No	No
371	0.26249	Lr	No	No	No	No	No	No
371	0.26249	Lr	No	Yes	No	Yes	Yes	No
371	0.52498	Lr	No	No	No	No	No	No
371	0.52498	Lr	Yes	No	Yes	No	No	No
371	0.52498	Lr	No	No	No	No	No	No
371	0.52498	Lr	No	No	No	No	No	No
371	0.52498	Lr	No	No	No	No	No	Yes
371	0.52498	Lr	No	No	No	No	No	No
371	0.52498	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
371	0.52498	Lr	No	No	No	No	No	No
371	0.52498	Lr	No	Yes	No	Yes	Yes	No
371	0.	Le	No	No	No	No	No	No
371	0.	Le	Yes	No	Yes	No	No	No
371	0.	Le	No	No	No	No	No	No
371	0.	Le	No	No	No	No	No	No
371	0.	Le	No	No	No	No	No	Yes
371	0.	Le	No	No	No	No	No	No
371	0.	Le	No	No	No	No	No	No
371	0.	Le	No	No	No	No	No	No
371	0.	Le	No	Yes	No	Yes	Yes	No
371	0.26249	Le	No	No	No	No	No	No
371	0.26249	Le	Yes	No	Yes	No	No	No
371	0.26249	Le	No	No	No	No	No	No
371	0.26249	Le	No	No	No	No	No	No
371	0.26249	Le	No	No	No	No	No	Yes
371	0.26249	Le	No	No	No	No	No	No
371	0.26249	Le	No	No	No	No	No	No
371	0.26249	Le	No	No	No	No	No	No
371	0.26249	Le	No	Yes	No	Yes	Yes	No
371	0.52498	Le	No	No	No	No	No	No
371	0.52498	Le	Yes	No	Yes	No	No	No
371	0.52498	Le	No	No	No	No	No	No
371	0.52498	Le	No	No	No	No	No	No
371	0.52498	Le	No	No	No	No	No	Yes
371	0.52498	Le	No	No	No	No	No	No
371	0.52498	Le	No	No	No	No	No	No
371	0.52498	Le	No	No	No	No	No	No
371	0.52498	Le	No	Yes	No	Yes	Yes	No
372	0.	DEAD	No	No	No	No	No	No
372	0.	DEAD	No	Yes	No	Yes	No	No
372	0.	DEAD	No	No	No	No	No	No
372	0.	DEAD	No	No	No	No	No	No
372	0.	DEAD	No	No	Yes	No	No	No
372	0.	DEAD	No	No	No	No	No	Yes
372	0.	DEAD	No	No	No	No	No	No
372	0.	DEAD	No	No	No	No	No	No
372	0.	DEAD	Yes	No	No	No	Yes	No
372	0.26249	DEAD	No	No	Yes	No	No	No
372	0.26249	DEAD	No	Yes	No	Yes	No	No
372	0.26249	DEAD	No	No	No	No	No	No
372	0.26249	DEAD	No	No	No	No	No	No
372	0.26249	DEAD	No	No	No	No	No	No
372	0.26249	DEAD	No	No	No	No	No	Yes
372	0.26249	DEAD	No	No	No	No	No	No
372	0.26249	DEAD	No	No	No	No	No	No
372	0.26249	DEAD	Yes	No	No	No	Yes	No
372	0.52498	DEAD	No	No	No	No	No	No
372	0.52498	DEAD	No	Yes	No	Yes	No	No
372	0.52498	DEAD	No	No	No	No	No	No
372	0.52498	DEAD	No	No	No	No	No	Yes
372	0.52498	DEAD	No	No	No	No	No	No
372	0.52498	DEAD	No	No	Yes	No	No	No
372	0.52498	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
372	0.52498	DEAD	No	No	No	No	No	No
372	0.52498	DEAD	Yes	No	No	No	Yes	No
372	0.	Lr	No	No	Yes	No	No	No
372	0.	Lr	No	Yes	No	Yes	No	No
372	0.	Lr	No	No	No	No	No	No
372	0.	Lr	No	No	No	No	No	No
372	0.	Lr	No	No	No	No	No	No
372	0.	Lr	No	No	No	No	No	Yes
372	0.	Lr	No	No	No	No	No	No
372	0.	Lr	No	No	No	No	No	No
372	0.	Lr	Yes	No	No	No	Yes	No
372	0.26249	Lr	No	No	Yes	No	No	No
372	0.26249	Lr	No	Yes	No	Yes	No	No
372	0.26249	Lr	No	No	No	No	No	No
372	0.26249	Lr	No	No	No	No	No	No
372	0.26249	Lr	No	No	No	No	No	No
372	0.26249	Lr	No	No	No	No	No	Yes
372	0.26249	Lr	No	No	No	No	No	No
372	0.26249	Lr	No	No	No	No	No	No
372	0.26249	Lr	Yes	No	No	No	Yes	No
372	0.52498	Lr	No	No	Yes	No	No	No
372	0.52498	Lr	No	Yes	No	Yes	No	No
372	0.52498	Lr	No	No	No	No	No	No
372	0.52498	Lr	No	No	No	No	No	No
372	0.52498	Lr	No	No	No	No	No	No
372	0.52498	Lr	No	No	No	No	No	Yes
372	0.52498	Lr	No	No	No	No	No	No
372	0.52498	Lr	No	No	No	No	No	No
372	0.52498	Lr	Yes	No	No	No	Yes	No
372	0.	Le	No	No	Yes	No	No	No
372	0.	Le	No	Yes	No	Yes	No	No
372	0.	Le	No	No	No	No	No	No
372	0.	Le	No	No	No	No	No	No
372	0.	Le	No	No	No	No	No	No
372	0.	Le	No	No	No	No	No	Yes
372	0.	Le	No	No	No	No	No	No
372	0.	Le	No	No	No	No	No	No
372	0.	Le	Yes	No	No	No	Yes	No
372	0.26249	Le	No	No	Yes	No	No	No
372	0.26249	Le	No	Yes	No	Yes	No	No
372	0.26249	Le	No	No	No	No	No	No
372	0.26249	Le	No	No	No	No	No	No
372	0.26249	Le	No	No	No	No	No	No
372	0.26249	Le	No	No	No	No	No	Yes
372	0.26249	Le	No	No	No	No	No	No
372	0.26249	Le	No	No	No	No	No	No
372	0.26249	Le	Yes	No	No	No	Yes	No
372	0.52498	Le	No	No	Yes	No	No	No
372	0.52498	Le	No	Yes	No	Yes	No	No
372	0.52498	Le	No	No	No	No	No	No
372	0.52498	Le	No	No	No	No	No	No
372	0.52498	Le	No	No	No	No	No	No
372	0.52498	Le	No	No	No	No	No	Yes
372	0.52498	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
372	0.52498	Le	No	No	No	No	No	No
372	0.52498	Le	Yes	No	No	No	Yes	No
373	0.	DEAD	No	No	No	No	No	No
373	0.	DEAD	No	No	No	No	No	No
373	0.	DEAD	Yes	No	No	No	No	No
373	0.	DEAD	No	No	Yes	No	No	No
373	0.	DEAD	No	Yes	No	No	No	Yes
373	0.	DEAD	No	No	No	No	No	No
373	0.	DEAD	No	No	No	Yes	Yes	No
373	0.	DEAD	No	No	No	No	No	No
373	0.	DEAD	No	No	No	No	No	No
373	0.26249	DEAD	No	No	No	No	No	No
373	0.26249	DEAD	No	No	Yes	No	No	No
373	0.26249	DEAD	Yes	No	No	No	No	No
373	0.26249	DEAD	No	No	No	No	No	No
373	0.26249	DEAD	No	No	No	No	No	Yes
373	0.26249	DEAD	No	No	No	No	No	No
373	0.26249	DEAD	No	No	No	No	No	No
373	0.26249	DEAD	No	No	No	No	No	No
373	0.26249	DEAD	No	Yes	No	Yes	Yes	No
373	0.52498	DEAD	No	No	No	No	No	No
373	0.52498	DEAD	No	No	No	No	No	No
373	0.52498	DEAD	Yes	No	Yes	No	No	Yes
373	0.52498	DEAD	No	No	No	No	No	No
373	0.52498	DEAD	No	No	No	No	No	No
373	0.52498	DEAD	No	Yes	No	No	No	No
373	0.52498	DEAD	No	No	No	No	No	No
373	0.52498	DEAD	No	No	No	Yes	Yes	No
373	0.52498	DEAD	No	No	No	No	No	No
373	0.	Lr	No	No	No	No	No	No
373	0.	Lr	No	No	No	No	No	No
373	0.	Lr	No	No	No	No	No	No
373	0.	Lr	No	No	Yes	No	No	No
373	0.	Lr	Yes	No	No	No	No	Yes
373	0.	Lr	No	No	No	No	No	No
373	0.	Lr	No	No	No	Yes	Yes	No
373	0.	Lr	No	No	No	No	No	No
373	0.	Lr	No	Yes	No	No	No	No
373	0.26249	Lr	No	No	No	No	No	No
373	0.26249	Lr	No	No	Yes	No	No	No
373	0.26249	Lr	No	No	No	No	No	No
373	0.26249	Lr	No	No	No	No	No	No
373	0.26249	Lr	Yes	No	No	No	No	Yes
373	0.26249	Lr	No	No	No	No	No	No
373	0.26249	Lr	No	No	No	No	No	No
373	0.26249	Lr	No	No	No	No	No	No
373	0.26249	Lr	No	Yes	No	Yes	Yes	No
373	0.52498	Lr	No	No	No	No	No	No
373	0.52498	Lr	No	No	No	No	No	No
373	0.52498	Lr	No	No	Yes	No	No	No
373	0.52498	Lr	No	No	No	No	No	No
373	0.52498	Lr	Yes	No	No	No	No	Yes
373	0.52498	Lr	No	No	No	No	No	No
373	0.52498	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
373	0.52498	Lr	No	No	No	Yes	Yes	No
373	0.52498	Lr	No	Yes	No	No	No	No
373	0.	Le	No	No	No	No	No	No
373	0.	Le	No	No	No	No	No	No
373	0.	Le	No	No	No	No	No	No
373	0.	Le	No	No	Yes	No	No	No
373	0.	Le	Yes	No	No	No	No	Yes
373	0.	Le	No	No	No	No	No	No
373	0.	Le	No	No	No	Yes	Yes	No
373	0.	Le	No	No	No	No	No	No
373	0.	Le	No	Yes	No	No	No	No
373	0.26249	Le	No	No	No	No	No	No
373	0.26249	Le	No	No	Yes	No	No	No
373	0.26249	Le	No	No	No	No	No	No
373	0.26249	Le	No	No	No	No	No	No
373	0.26249	Le	Yes	No	No	No	No	Yes
373	0.26249	Le	No	No	No	No	No	No
373	0.26249	Le	No	No	No	No	No	No
373	0.26249	Le	No	No	No	No	No	No
373	0.26249	Le	No	Yes	No	Yes	Yes	No
373	0.52498	Le	No	No	No	No	No	No
373	0.52498	Le	No	No	No	No	No	No
373	0.52498	Le	No	No	Yes	No	No	No
373	0.52498	Le	No	No	No	No	No	No
373	0.52498	Le	Yes	No	No	No	No	Yes
373	0.52498	Le	No	No	No	No	No	No
373	0.52498	Le	No	No	No	No	No	No
373	0.52498	Le	No	No	No	Yes	Yes	No
373	0.52498	Le	No	Yes	No	No	No	No
374	0.	DEAD	No	No	No	No	No	No
374	0.	DEAD	No	Yes	No	Yes	No	No
374	0.	DEAD	No	No	No	No	No	No
374	0.	DEAD	No	No	No	No	No	No
374	0.	DEAD	No	No	Yes	No	No	No
374	0.	DEAD	No	No	No	No	No	Yes
374	0.	DEAD	No	No	No	No	No	No
374	0.	DEAD	No	No	No	No	No	No
374	0.	DEAD	Yes	No	No	No	Yes	No
374	0.26249	DEAD	No	No	Yes	No	No	No
374	0.26249	DEAD	No	Yes	No	Yes	No	No
374	0.26249	DEAD	No	No	No	No	No	No
374	0.26249	DEAD	No	No	No	No	No	No
374	0.26249	DEAD	No	No	No	No	No	No
374	0.26249	DEAD	No	No	No	No	No	Yes
374	0.26249	DEAD	No	No	No	No	No	No
374	0.26249	DEAD	No	No	No	No	No	No
374	0.26249	DEAD	Yes	No	No	No	Yes	No
374	0.52498	DEAD	No	No	No	No	No	No
374	0.52498	DEAD	No	No	No	No	No	No
374	0.52498	DEAD	No	No	No	No	No	No
374	0.52498	DEAD	No	Yes	No	Yes	No	Yes
374	0.52498	DEAD	No	No	No	No	No	No
374	0.52498	DEAD	No	No	Yes	No	No	No
374	0.52498	DEAD	No	No	No	No	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
374	0.52498	DEAD	No	No	No	No	No	No
374	0.52498	DEAD	Yes	No	No	No	No	No
374	0.	Lr	No	No	Yes	No	No	No
374	0.	Lr	No	Yes	No	Yes	No	No
374	0.	Lr	No	No	No	No	No	No
374	0.	Lr	No	No	No	No	No	No
374	0.	Lr	No	No	No	No	No	No
374	0.	Lr	No	No	No	No	No	Yes
374	0.	Lr	No	No	No	No	No	No
374	0.	Lr	No	No	No	No	No	No
374	0.	Lr	Yes	No	No	No	Yes	No
374	0.26249	Lr	No	No	Yes	No	No	No
374	0.26249	Lr	No	Yes	No	Yes	No	No
374	0.26249	Lr	No	No	No	No	No	No
374	0.26249	Lr	No	No	No	No	No	No
374	0.26249	Lr	No	No	No	No	No	No
374	0.26249	Lr	No	No	No	No	No	Yes
374	0.26249	Lr	No	No	No	No	No	No
374	0.26249	Lr	No	No	No	No	No	No
374	0.26249	Lr	Yes	No	No	No	Yes	No
374	0.52498	Lr	No	No	Yes	No	No	No
374	0.52498	Lr	No	No	No	No	No	No
374	0.52498	Lr	No	No	No	No	No	No
374	0.52498	Lr	No	Yes	No	Yes	No	No
374	0.52498	Lr	No	No	No	No	No	No
374	0.52498	Lr	No	No	No	No	No	Yes
374	0.52498	Lr	No	No	No	No	Yes	No
374	0.52498	Lr	No	No	No	No	No	No
374	0.52498	Lr	Yes	No	No	No	No	No
374	0.	Le	No	No	Yes	No	No	No
374	0.	Le	No	Yes	No	Yes	No	No
374	0.	Le	No	No	No	No	No	No
374	0.	Le	No	No	No	No	No	No
374	0.	Le	No	No	No	No	No	No
374	0.	Le	No	No	No	No	No	Yes
374	0.	Le	No	No	No	No	No	No
374	0.	Le	No	No	No	No	No	No
374	0.	Le	Yes	No	No	No	Yes	No
374	0.26249	Le	No	No	Yes	No	No	No
374	0.26249	Le	No	Yes	No	Yes	No	No
374	0.26249	Le	No	No	No	No	No	No
374	0.26249	Le	No	No	No	No	No	No
374	0.26249	Le	No	No	No	No	No	No
374	0.26249	Le	No	No	No	No	No	Yes
374	0.26249	Le	No	No	No	No	No	No
374	0.26249	Le	No	No	No	No	No	No
374	0.26249	Le	Yes	No	No	No	Yes	No
374	0.52498	Le	No	No	Yes	No	No	No
374	0.52498	Le	No	No	No	No	No	No
374	0.52498	Le	No	No	No	No	No	No
374	0.52498	Le	No	Yes	No	Yes	No	No
374	0.52498	Le	No	No	No	No	No	No
374	0.52498	Le	No	No	No	No	No	Yes
374	0.52498	Le	No	No	No	No	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
374	0.52498	Le	No	No	No	No	No	No
374	0.52498	Le	Yes	No	No	No	No	No
3D1	0.	DEAD					No	
3D1	0.	DEAD					No	
3D1	0.	DEAD					No	
3D1	0.	DEAD					Yes	
3D1	0.17	DEAD					No	
3D1	0.17	DEAD					No	
3D1	0.17	DEAD					Yes	
3D1	0.17	DEAD					No	
3D1	0.34	DEAD					No	
3D1	0.34	DEAD					No	
3D1	0.34	DEAD					Yes	
3D1	0.34	DEAD					No	
3D1	0.	Lr					No	
3D1	0.	Lr					No	
3D1	0.	Lr					No	
3D1	0.	Lr					Yes	
3D1	0.17	Lr					No	
3D1	0.17	Lr					No	
3D1	0.17	Lr					Yes	
3D1	0.17	Lr					No	
3D1	0.34	Lr					No	
3D1	0.34	Lr					No	
3D1	0.34	Lr					Yes	
3D1	0.34	Lr					No	
3D1	0.	Le					No	
3D1	0.	Le					No	
3D1	0.	Le					No	
3D1	0.	Le					Yes	
3D1	0.17	Le					No	
3D1	0.17	Le					No	
3D1	0.17	Le					Yes	
3D1	0.17	Le					No	
3D1	0.34	Le					No	
3D1	0.34	Le					No	
3D1	0.34	Le					Yes	
3D1	0.34	Le					No	
3D2	0.	DEAD					No	
3D2	0.	DEAD					No	
3D2	0.	DEAD					Yes	
3D2	0.	DEAD					No	
3D2	0.17	DEAD					No	
3D2	0.17	DEAD					No	
3D2	0.17	DEAD					No	
3D2	0.17	DEAD					Yes	
3D2	0.34	DEAD					No	
3D2	0.34	DEAD					No	
3D2	0.34	DEAD					No	
3D2	0.34	DEAD					Yes	
3D2	0.	Lr					No	
3D2	0.	Lr					No	
3D2	0.	Lr					Yes	
3D2	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3D2	0.17	Lr					No	
3D2	0.17	Lr					No	
3D2	0.17	Lr					No	
3D2	0.17	Lr					Yes	
3D2	0.34	Lr					No	
3D2	0.34	Lr					No	
3D2	0.34	Lr					No	
3D2	0.34	Lr					Yes	
3D2	0.	Le					No	
3D2	0.	Le					No	
3D2	0.	Le					Yes	
3D2	0.	Le					No	
3D2	0.17	Le					No	
3D2	0.17	Le					No	
3D2	0.17	Le					No	
3D2	0.17	Le					Yes	
3D2	0.34	Le					No	
3D2	0.34	Le					No	
3D2	0.34	Le					No	
3D2	0.34	Le					Yes	
3D3	0.	DEAD					No	
3D3	0.	DEAD					No	
3D3	0.	DEAD					No	
3D3	0.	DEAD					Yes	
3D3	0.17	DEAD					No	
3D3	0.17	DEAD					No	
3D3	0.17	DEAD					Yes	
3D3	0.17	DEAD					No	
3D3	0.34	DEAD					No	
3D3	0.34	DEAD					No	
3D3	0.34	DEAD					Yes	
3D3	0.34	DEAD					No	
3D3	0.	Lr					No	
3D3	0.	Lr					No	
3D3	0.	Lr					No	
3D3	0.	Lr					Yes	
3D3	0.17	Lr					No	
3D3	0.17	Lr					No	
3D3	0.17	Lr					Yes	
3D3	0.17	Lr					No	
3D3	0.34	Lr					No	
3D3	0.34	Lr					No	
3D3	0.34	Lr					Yes	
3D3	0.34	Lr					No	
3D3	0.	Le					No	
3D3	0.	Le					No	
3D3	0.	Le					No	
3D3	0.	Le					Yes	
3D3	0.17	Le					No	
3D3	0.17	Le					No	
3D3	0.17	Le					Yes	
3D3	0.17	Le					No	
3D3	0.34	Le					No	
3D3	0.34	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3D3	0.34	Le					Yes	
3D3	0.34	Le					No	
3D4	0.	DEAD					No	
3D4	0.	DEAD					No	
3D4	0.	DEAD					Yes	
3D4	0.	DEAD					No	
3D4	0.17	DEAD					No	
3D4	0.17	DEAD					No	
3D4	0.17	DEAD					No	
3D4	0.17	DEAD					Yes	
3D4	0.34	DEAD					No	
3D4	0.34	DEAD					No	
3D4	0.34	DEAD					No	
3D4	0.34	DEAD					Yes	
3D4	0.	Lr					No	
3D4	0.	Lr					No	
3D4	0.	Lr					Yes	
3D4	0.	Lr					No	
3D4	0.17	Lr					No	
3D4	0.17	Lr					No	
3D4	0.17	Lr					No	
3D4	0.17	Lr					Yes	
3D4	0.34	Lr					No	
3D4	0.34	Lr					No	
3D4	0.34	Lr					No	
3D4	0.34	Lr					Yes	
3D4	0.	Le					No	
3D4	0.	Le					No	
3D4	0.	Le					Yes	
3D4	0.	Le					No	
3D4	0.17	Le					No	
3D4	0.17	Le					No	
3D4	0.17	Le					No	
3D4	0.17	Le					Yes	
3D4	0.34	Le					No	
3D4	0.34	Le					No	
3D4	0.34	Le					No	
3D4	0.34	Le					Yes	
3D5	0.	DEAD					No	
3D5	0.	DEAD					No	
3D5	0.	DEAD					No	
3D5	0.	DEAD					Yes	
3D5	0.277	DEAD					No	
3D5	0.277	DEAD					No	
3D5	0.277	DEAD					Yes	
3D5	0.277	DEAD					No	
3D5	0.	Lr					No	
3D5	0.	Lr					No	
3D5	0.	Lr					No	
3D5	0.	Lr					Yes	
3D5	0.277	Lr					No	
3D5	0.277	Lr					No	
3D5	0.277	Lr					Yes	
3D5	0.277	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3D5	0.	Le					No	
3D5	0.	Le					No	
3D5	0.	Le					No	
3D5	0.	Le					Yes	
3D5	0.277	Le					No	
3D5	0.277	Le					No	
3D5	0.277	Le					Yes	
3D5	0.277	Le					No	
3D6	0.	DEAD					No	
3D6	0.	DEAD					Yes	
3D6	0.	DEAD					No	
3D6	0.	DEAD					No	
3D6	0.277	DEAD					No	
3D6	0.277	DEAD					No	
3D6	0.277	DEAD					Yes	
3D6	0.277	DEAD					No	
3D6	0.	Lr					No	
3D6	0.	Lr					Yes	
3D6	0.	Lr					No	
3D6	0.	Lr					No	
3D6	0.277	Lr					No	
3D6	0.277	Lr					No	
3D6	0.277	Lr					Yes	
3D6	0.277	Lr					No	
3D6	0.	Le					No	
3D6	0.	Le					Yes	
3D6	0.	Le					No	
3D6	0.	Le					No	
3D6	0.277	Le					No	
3D6	0.277	Le					No	
3D6	0.277	Le					Yes	
3D6	0.277	Le					No	
3D7	0.	DEAD					No	
3D7	0.	DEAD					Yes	
3D7	0.	DEAD					No	
3D7	0.	DEAD					No	
3D7	0.277	DEAD					No	
3D7	0.277	DEAD					No	
3D7	0.277	DEAD					Yes	
3D7	0.277	DEAD					No	
3D7	0.	Lr					No	
3D7	0.	Lr					Yes	
3D7	0.	Lr					No	
3D7	0.	Lr					No	
3D7	0.277	Lr					No	
3D7	0.277	Lr					No	
3D7	0.277	Lr					Yes	
3D7	0.277	Lr					No	
3D7	0.	Le					No	
3D7	0.	Le					Yes	
3D7	0.	Le					No	
3D7	0.	Le					No	
3D7	0.277	Le					No	
3D7	0.277	Le					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3D7	0.277	Le					Yes	
3D7	0.277	Le					No	
3D8	0.	DEAD					No	
3D8	0.	DEAD					Yes	
3D8	0.	DEAD					No	
3D8	0.	DEAD					No	
3D8	0.277	DEAD					No	
3D8	0.277	DEAD					No	
3D8	0.277	DEAD					Yes	
3D8	0.277	DEAD					No	
3D8	0.	Lr					No	
3D8	0.	Lr					Yes	
3D8	0.	Lr					No	
3D8	0.	Lr					No	
3D8	0.277	Lr					No	
3D8	0.277	Lr					No	
3D8	0.277	Lr					Yes	
3D8	0.277	Lr					No	
3D8	0.	Le					No	
3D8	0.	Le					Yes	
3D8	0.	Le					No	
3D8	0.	Le					No	
3D8	0.277	Le					No	
3D8	0.277	Le					No	
3D8	0.277	Le					Yes	
3D8	0.277	Le					No	
3D9	0.	DEAD					No	
3D9	0.	DEAD					Yes	
3D9	0.	DEAD					No	
3D9	0.	DEAD					No	
3D9	0.277	DEAD					No	
3D9	0.277	DEAD					No	
3D9	0.277	DEAD					Yes	
3D9	0.277	DEAD					No	
3D9	0.	Lr					No	
3D9	0.	Lr					Yes	
3D9	0.	Lr					No	
3D9	0.	Lr					No	
3D9	0.277	Lr					No	
3D9	0.277	Lr					No	
3D9	0.277	Lr					Yes	
3D9	0.277	Lr					No	
3D9	0.	Le					No	
3D9	0.	Le					Yes	
3D9	0.	Le					No	
3D9	0.	Le					No	
3D9	0.277	Le					No	
3D9	0.277	Le					No	
3D9	0.277	Le					Yes	
3D9	0.277	Le					No	
3DA	0.	DEAD					No	
3DA	0.	DEAD					Yes	
3DA	0.	DEAD					No	
3DA	0.	DEAD					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3DA	0.277	DEAD					No	
3DA	0.277	DEAD					No	
3DA	0.277	DEAD					Yes	
3DA	0.277	DEAD					No	
3DA	0.	Lr					No	
3DA	0.	Lr					Yes	
3DA	0.	Lr					No	
3DA	0.	Lr					No	
3DA	0.277	Lr					No	
3DA	0.277	Lr					No	
3DA	0.277	Lr					Yes	
3DA	0.277	Lr					No	
3DA	0.	Le					No	
3DA	0.	Le					Yes	
3DA	0.	Le					No	
3DA	0.	Le					No	
3DA	0.277	Le					No	
3DA	0.277	Le					No	
3DA	0.277	Le					Yes	
3DA	0.277	Le					No	
3DB	0.	DEAD					No	
3DB	0.	DEAD					Yes	
3DB	0.	DEAD					No	
3DB	0.	DEAD					No	
3DB	0.277	DEAD					No	
3DB	0.277	DEAD					No	
3DB	0.277	DEAD					Yes	
3DB	0.277	DEAD					No	
3DB	0.	Lr					No	
3DB	0.	Lr					Yes	
3DB	0.	Lr					No	
3DB	0.	Lr					No	
3DB	0.277	Lr					No	
3DB	0.277	Lr					No	
3DB	0.277	Lr					Yes	
3DB	0.277	Lr					No	
3DB	0.	Le					No	
3DB	0.	Le					Yes	
3DB	0.	Le					No	
3DB	0.	Le					No	
3DB	0.277	Le					No	
3DB	0.277	Le					No	
3DB	0.277	Le					Yes	
3DB	0.277	Le					No	
3DC	0.	DEAD					No	
3DC	0.	DEAD					No	
3DC	0.	DEAD					Yes	
3DC	0.	DEAD					No	
3DC	0.277	DEAD					No	
3DC	0.277	DEAD					No	
3DC	0.277	DEAD					No	
3DC	0.277	DEAD					Yes	
3DC	0.	Lr					No	
3DC	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3DC	0.	Lr					Yes	
3DC	0.	Lr					No	
3DC	0.277	Lr					No	
3DC	0.277	Lr					No	
3DC	0.277	Lr					No	
3DC	0.277	Lr					Yes	
3DC	0.	Le					No	
3DC	0.	Le					No	
3DC	0.	Le					Yes	
3DC	0.	Le					No	
3DC	0.277	Le					No	
3DC	0.277	Le					No	
3DC	0.277	Le					No	
3DC	0.277	Le					Yes	
3DD	0.	DEAD					No	
3DD	0.	DEAD					No	
3DD	0.	DEAD					Yes	
3DD	0.	DEAD					No	
3DD	0.277	DEAD					No	
3DD	0.277	DEAD					Yes	
3DD	0.277	DEAD					No	
3DD	0.277	DEAD					No	
3DD	0.	Lr					No	
3DD	0.	Lr					No	
3DD	0.	Lr					Yes	
3DD	0.	Lr					No	
3DD	0.277	Lr					No	
3DD	0.277	Lr					Yes	
3DD	0.277	Lr					No	
3DD	0.277	Lr					No	
3DD	0.	Le					No	
3DD	0.	Le					No	
3DD	0.	Le					Yes	
3DD	0.	Le					No	
3DD	0.277	Le					No	
3DD	0.277	Le					Yes	
3DD	0.277	Le					No	
3DD	0.277	Le					No	
3DE	0.	DEAD					No	
3DE	0.	DEAD					No	
3DE	0.	DEAD					Yes	
3DE	0.	DEAD					No	
3DE	0.277	DEAD					No	
3DE	0.277	DEAD					Yes	
3DE	0.277	DEAD					No	
3DE	0.277	DEAD					No	
3DE	0.	Lr					No	
3DE	0.	Lr					No	
3DE	0.	Lr					Yes	
3DE	0.	Lr					No	
3DE	0.277	Lr					No	
3DE	0.277	Lr					Yes	
3DE	0.277	Lr					No	
3DE	0.277	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3DE	0.	Le					No	
3DE	0.	Le					No	
3DE	0.	Le					Yes	
3DE	0.	Le					No	
3DE	0.277	Le					No	
3DE	0.277	Le					Yes	
3DE	0.277	Le					No	
3DE	0.277	Le					No	
3DF	0.	DEAD					No	
3DF	0.	DEAD					No	
3DF	0.	DEAD					Yes	
3DF	0.	DEAD					No	
3DF	0.277	DEAD					No	
3DF	0.277	DEAD					Yes	
3DF	0.277	DEAD					No	
3DF	0.277	DEAD					No	
3DF	0.	Lr					No	
3DF	0.	Lr					No	
3DF	0.	Lr					Yes	
3DF	0.	Lr					No	
3DF	0.277	Lr					No	
3DF	0.277	Lr					Yes	
3DF	0.277	Lr					No	
3DF	0.277	Lr					No	
3DF	0.	Le					No	
3DF	0.	Le					No	
3DF	0.	Le					Yes	
3DF	0.	Le					No	
3DF	0.277	Le					No	
3DF	0.277	Le					Yes	
3DF	0.277	Le					No	
3DF	0.277	Le					No	
3E0	0.	DEAD					No	
3E0	0.	DEAD					No	
3E0	0.	DEAD					Yes	
3E0	0.	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					Yes	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					No	
3E0	0.00251	DEAD					Yes	
3E0	0.00251	DEAD					No	
3E0	0.277	DEAD					No	
3E0	0.277	DEAD					Yes	
3E0	0.277	DEAD					No	
3E0	0.277	DEAD					No	
3E0	0.	Lr					No	
3E0	0.	Lr					No	
3E0	0.	Lr					Yes	
3E0	0.	Lr					No	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E0	0.00251	Lr					Yes	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					No	
3E0	0.00251	Lr					Yes	
3E0	0.00251	Lr					No	
3E0	0.277	Lr					No	
3E0	0.277	Lr					Yes	
3E0	0.277	Lr					No	
3E0	0.277	Lr					No	
3E0	0.	Le					No	
3E0	0.	Le					No	
3E0	0.	Le					Yes	
3E0	0.	Le					No	
3E0	0.00251	Le					No	
3E0	0.00251	Le					No	
3E0	0.00251	Le					Yes	
3E0	0.00251	Le					No	
3E0	0.00251	Le					No	
3E0	0.00251	Le					No	
3E0	0.00251	Le					Yes	
3E0	0.00251	Le					No	
3E0	0.277	Le					No	
3E0	0.277	Le					Yes	
3E0	0.277	Le					No	
3E0	0.277	Le					No	
3E1	0.	DEAD					No	
3E1	0.	DEAD					No	
3E1	0.	DEAD					Yes	
3E1	0.	DEAD					No	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					Yes	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					No	
3E1	0.27449	DEAD					Yes	
3E1	0.27449	DEAD					No	
3E1	0.277	DEAD					No	
3E1	0.277	DEAD					No	
3E1	0.277	DEAD					Yes	
3E1	0.277	DEAD					No	
3E1	0.	Lr					No	
3E1	0.	Lr					No	
3E1	0.	Lr					Yes	
3E1	0.	Lr					No	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					Yes	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					Yes	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					No	
3E1	0.27449	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E1	0.277	Lr					No	
3E1	0.277	Lr					No	
3E1	0.277	Lr					No	
3E1	0.277	Lr					Yes	
3E1	0.	Le					No	
3E1	0.	Le					No	
3E1	0.	Le					Yes	
3E1	0.	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					Yes	
3E1	0.27449	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					No	
3E1	0.27449	Le					Yes	
3E1	0.277	Le					No	
3E1	0.277	Le					No	
3E1	0.277	Le					Yes	
3E1	0.277	Le					No	
3E2	0.	DEAD					No	
3E2	0.	DEAD					No	
3E2	0.	DEAD					Yes	
3E2	0.	DEAD					No	
3E2	0.277	DEAD					No	
3E2	0.277	DEAD					Yes	
3E2	0.277	DEAD					No	
3E2	0.277	DEAD					No	
3E2	0.	Lr					No	
3E2	0.	Lr					No	
3E2	0.	Lr					No	
3E2	0.	Lr					Yes	
3E2	0.277	Lr					No	
3E2	0.277	Lr					Yes	
3E2	0.277	Lr					No	
3E2	0.277	Lr					No	
3E2	0.	Le					No	
3E2	0.	Le					No	
3E2	0.	Le					No	
3E2	0.	Le					Yes	
3E2	0.277	Le					No	
3E2	0.277	Le					Yes	
3E2	0.277	Le					No	
3E2	0.277	Le					No	
3E3	0.	DEAD					No	
3E3	0.	DEAD					No	
3E3	0.	DEAD					Yes	
3E3	0.	DEAD					No	
3E3	0.277	DEAD					No	
3E3	0.277	DEAD					Yes	
3E3	0.277	DEAD					No	
3E3	0.277	DEAD					No	
3E3	0.	Lr					No	
3E3	0.	Lr					No	

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E3	0.	Lr					Yes	
3E3	0.	Lr					No	
3E3	0.277	Lr					No	
3E3	0.277	Lr					Yes	
3E3	0.277	Lr					No	
3E3	0.277	Lr					No	
3E3	0.	Le					No	
3E3	0.	Le					No	
3E3	0.	Le					Yes	
3E3	0.	Le					No	
3E3	0.277	Le					No	
3E3	0.277	Le					Yes	
3E3	0.277	Le					No	
3E3	0.277	Le					No	
3E4	0.	DEAD	No	No	No	No	No	No
3E4	0.	DEAD	Yes	No	No	No	No	No
3E4	0.	DEAD	No	No	No	No	No	No
3E4	0.	DEAD	No	No	Yes	No	No	No
3E4	0.	DEAD	No	No	No	No	No	Yes
3E4	0.	DEAD	No	Yes	No	No	No	No
3E4	0.	DEAD	No	No	No	Yes	Yes	No
3E4	0.	DEAD	No	No	No	No	No	No
3E4	0.	DEAD	No	No	No	No	No	No
3E4	0.19807	DEAD	No	No	No	No	No	No
3E4	0.19807	DEAD	Yes	No	No	No	No	No
3E4	0.19807	DEAD	No	No	No	No	No	No
3E4	0.19807	DEAD	No	No	No	Yes	Yes	No
3E4	0.19807	DEAD	No	No	No	No	No	Yes
3E4	0.19807	DEAD	No	Yes	No	No	No	No
3E4	0.19807	DEAD	No	No	Yes	No	No	No
3E4	0.19807	DEAD	No	No	No	No	No	No
3E4	0.19807	DEAD	No	No	No	No	No	No
3E4	0.39613	DEAD	No	No	No	No	No	No
3E4	0.39613	DEAD	Yes	No	No	No	No	No
3E4	0.39613	DEAD	No	No	No	No	No	No
3E4	0.39613	DEAD	No	No	No	Yes	Yes	No
3E4	0.39613	DEAD	No	No	No	No	No	Yes
3E4	0.39613	DEAD	No	No	No	No	No	No
3E4	0.39613	DEAD	No	No	Yes	No	No	No
3E4	0.39613	DEAD	No	No	No	No	No	No
3E4	0.39613	DEAD	No	Yes	No	No	No	No
3E4	0.	Lr	No	No	No	No	No	No
3E4	0.	Lr	Yes	No	No	No	No	No
3E4	0.	Lr	No	No	No	No	No	No
3E4	0.	Lr	No	No	Yes	No	No	No
3E4	0.	Lr	No	No	No	No	No	Yes
3E4	0.	Lr	No	Yes	No	No	No	No
3E4	0.	Lr	No	No	No	Yes	Yes	No
3E4	0.	Lr	No	No	No	No	No	No
3E4	0.	Lr	No	No	No	No	No	No
3E4	0.19807	Lr	No	No	No	No	No	No
3E4	0.19807	Lr	Yes	No	No	No	No	No
3E4	0.19807	Lr	No	No	No	No	No	No
3E4	0.19807	Lr	No	No	No	Yes	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E4	0.19807	Lr	No	No	No	No	No	Yes
3E4	0.19807	Lr	No	Yes	No	No	No	No
3E4	0.19807	Lr	No	No	Yes	No	No	No
3E4	0.19807	Lr	No	No	No	No	No	No
3E4	0.19807	Lr	No	No	No	No	No	No
3E4	0.39613	Lr	No	No	No	No	No	No
3E4	0.39613	Lr	Yes	No	No	No	No	No
3E4	0.39613	Lr	No	No	No	No	No	No
3E4	0.39613	Lr	No	No	No	Yes	Yes	No
3E4	0.39613	Lr	No	No	No	No	No	Yes
3E4	0.39613	Lr	No	No	No	No	No	No
3E4	0.39613	Lr	No	No	Yes	No	No	No
3E4	0.39613	Lr	No	No	No	No	No	No
3E4	0.39613	Lr	No	Yes	No	No	No	No
3E4	0.	Le	No	No	No	No	No	No
3E4	0.	Le	Yes	No	No	No	No	No
3E4	0.	Le	No	No	No	No	No	No
3E4	0.	Le	No	No	Yes	No	No	No
3E4	0.	Le	No	No	No	No	No	Yes
3E4	0.	Le	No	Yes	No	No	No	No
3E4	0.	Le	No	No	No	Yes	Yes	No
3E4	0.	Le	No	No	No	No	No	No
3E4	0.	Le	No	No	No	No	No	No
3E4	0.19807	Le	No	No	No	No	No	No
3E4	0.19807	Le	Yes	No	No	No	No	No
3E4	0.19807	Le	No	No	No	No	No	No
3E4	0.19807	Le	No	No	No	Yes	Yes	No
3E4	0.19807	Le	No	No	No	No	No	Yes
3E4	0.19807	Le	No	Yes	No	No	No	No
3E4	0.19807	Le	No	No	Yes	No	No	No
3E4	0.19807	Le	No	No	No	No	No	No
3E4	0.19807	Le	No	No	No	No	No	No
3E4	0.39613	Le	No	No	No	No	No	No
3E4	0.39613	Le	Yes	No	No	No	No	No
3E4	0.39613	Le	No	No	No	No	No	No
3E4	0.39613	Le	No	No	No	Yes	Yes	No
3E4	0.39613	Le	No	No	No	No	No	Yes
3E4	0.39613	Le	No	No	No	No	No	No
3E4	0.39613	Le	No	No	Yes	No	No	No
3E4	0.39613	Le	No	No	No	No	No	No
3E4	0.39613	Le	No	Yes	No	No	No	No
3E5	0.	DEAD	No	No	No	No	No	No
3E5	0.	DEAD	Yes	No	No	No	No	No
3E5	0.	DEAD	No	No	No	No	No	No
3E5	0.	DEAD	No	No	Yes	No	No	No
3E5	0.	DEAD	No	No	No	No	No	Yes
3E5	0.	DEAD	No	Yes	No	No	No	No
3E5	0.	DEAD	No	No	No	Yes	Yes	No
3E5	0.	DEAD	No	No	No	No	No	No
3E5	0.	DEAD	No	No	No	No	No	No
3E5	0.19807	DEAD	No	No	No	No	No	No
3E5	0.19807	DEAD	Yes	No	No	No	No	No
3E5	0.19807	DEAD	No	No	No	No	No	No
3E5	0.19807	DEAD	No	No	No	Yes	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E5	0.19807	DEAD	No	No	No	No	No	Yes
3E5	0.19807	DEAD	No	Yes	No	No	No	No
3E5	0.19807	DEAD	No	No	Yes	No	No	No
3E5	0.19807	DEAD	No	No	No	No	No	No
3E5	0.19807	DEAD	No	No	No	No	No	No
3E5	0.39613	DEAD	No	No	No	No	No	No
3E5	0.39613	DEAD	Yes	No	No	No	No	No
3E5	0.39613	DEAD	No	No	No	No	No	No
3E5	0.39613	DEAD	No	No	No	Yes	Yes	No
3E5	0.39613	DEAD	No	No	No	No	No	Yes
3E5	0.39613	DEAD	No	No	No	No	No	No
3E5	0.39613	DEAD	No	No	Yes	No	No	No
3E5	0.39613	DEAD	No	No	No	No	No	No
3E5	0.39613	DEAD	No	Yes	No	No	No	No
3E5	0.	Lr	No	No	No	No	No	No
3E5	0.	Lr	Yes	No	No	No	No	No
3E5	0.	Lr	No	No	No	No	No	No
3E5	0.	Lr	No	No	Yes	No	No	No
3E5	0.	Lr	No	No	No	No	No	Yes
3E5	0.	Lr	No	Yes	No	No	No	No
3E5	0.	Lr	No	No	No	Yes	Yes	No
3E5	0.	Lr	No	No	No	No	No	No
3E5	0.	Lr	No	No	No	No	No	No
3E5	0.19807	Lr	No	No	No	No	No	No
3E5	0.19807	Lr	Yes	No	No	No	No	No
3E5	0.19807	Lr	No	No	No	No	No	No
3E5	0.19807	Lr	No	No	No	Yes	Yes	No
3E5	0.19807	Lr	No	No	No	No	No	Yes
3E5	0.19807	Lr	No	Yes	No	No	No	No
3E5	0.19807	Lr	No	No	Yes	No	No	No
3E5	0.19807	Lr	No	No	No	No	No	No
3E5	0.19807	Lr	No	No	No	No	No	No
3E5	0.39613	Lr	No	No	No	No	No	No
3E5	0.39613	Lr	Yes	No	No	No	No	No
3E5	0.39613	Lr	No	No	No	No	No	No
3E5	0.39613	Lr	No	No	No	Yes	Yes	No
3E5	0.39613	Lr	No	No	No	No	No	Yes
3E5	0.39613	Lr	No	No	No	No	No	No
3E5	0.39613	Lr	No	No	Yes	No	No	No
3E5	0.39613	Lr	No	No	No	No	No	No
3E5	0.39613	Lr	No	Yes	No	No	No	No
3E5	0.	Le	No	No	No	No	No	No
3E5	0.	Le	Yes	No	No	No	No	No
3E5	0.	Le	No	No	No	No	No	No
3E5	0.	Le	No	No	Yes	No	No	No
3E5	0.	Le	No	No	No	No	No	Yes
3E5	0.	Le	No	Yes	No	No	No	No
3E5	0.	Le	No	No	No	Yes	Yes	No
3E5	0.	Le	No	No	No	No	No	No
3E5	0.	Le	No	No	No	No	No	No
3E5	0.19807	Le	No	No	No	No	No	No
3E5	0.19807	Le	Yes	No	No	No	No	No
3E5	0.19807	Le	No	No	No	No	No	No
3E5	0.19807	Le	No	No	No	Yes	Yes	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E5	0.19807	Le	No	No	No	No	No	Yes
3E5	0.19807	Le	No	Yes	No	No	No	No
3E5	0.19807	Le	No	No	Yes	No	No	No
3E5	0.19807	Le	No	No	No	No	No	No
3E5	0.19807	Le	No	No	No	No	No	No
3E5	0.39613	Le	No	No	No	No	No	No
3E5	0.39613	Le	Yes	No	No	No	No	No
3E5	0.39613	Le	No	No	No	No	No	No
3E5	0.39613	Le	No	No	No	Yes	Yes	No
3E5	0.39613	Le	No	No	No	No	No	Yes
3E5	0.39613	Le	No	No	No	No	No	No
3E5	0.39613	Le	No	No	Yes	No	No	No
3E5	0.39613	Le	No	No	No	No	No	No
3E5	0.39613	Le	No	Yes	No	No	No	No
3E6	0.	DEAD	No	No	No	No	No	No
3E6	0.	DEAD	No	No	No	No	No	No
3E6	0.	DEAD	No	No	No	Yes	Yes	No
3E6	0.	DEAD	No	No	No	No	No	No
3E6	0.	DEAD	No	No	No	No	No	No
3E6	0.	DEAD	No	Yes	No	No	No	Yes
3E6	0.	DEAD	No	No	No	No	No	No
3E6	0.	DEAD	No	No	Yes	No	No	No
3E6	0.	DEAD	Yes	No	No	No	No	No
3E6	0.23926	DEAD	No	No	No	No	No	No
3E6	0.23926	DEAD	No	Yes	No	No	No	No
3E6	0.23926	DEAD	No	No	No	No	No	No
3E6	0.23926	DEAD	No	No	No	No	No	No
3E6	0.23926	DEAD	No	No	No	Yes	Yes	No
3E6	0.23926	DEAD	No	No	Yes	No	No	Yes
3E6	0.23926	DEAD	No	No	No	No	No	No
3E6	0.23926	DEAD	No	No	No	No	No	No
3E6	0.23926	DEAD	Yes	No	No	No	No	No
3E6	0.47852	DEAD	No	No	No	No	No	No
3E6	0.47852	DEAD	No	Yes	No	No	No	No
3E6	0.47852	DEAD	No	No	No	No	No	No
3E6	0.47852	DEAD	No	No	No	No	No	No
3E6	0.47852	DEAD	No	No	Yes	No	No	No
3E6	0.47852	DEAD	No	No	No	Yes	Yes	Yes
3E6	0.47852	DEAD	No	No	No	No	No	No
3E6	0.47852	DEAD	No	No	No	No	No	No
3E6	0.47852	DEAD	Yes	No	No	No	No	No
3E6	0.	Lr	No	No	No	No	No	No
3E6	0.	Lr	No	Yes	No	No	No	No
3E6	0.	Lr	No	No	No	Yes	Yes	No
3E6	0.	Lr	No	No	No	No	No	No
3E6	0.	Lr	No	No	No	No	No	No
3E6	0.	Lr	No	No	No	No	No	Yes
3E6	0.	Lr	No	No	No	No	No	No
3E6	0.	Lr	No	No	Yes	No	No	No
3E6	0.	Lr	Yes	No	No	No	No	No
3E6	0.23926	Lr	No	No	No	No	No	No
3E6	0.23926	Lr	No	Yes	No	No	No	No
3E6	0.23926	Lr	No	No	No	Yes	Yes	No
3E6	0.23926	Lr	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E6	0.23926	Lr	No	No	No	No	No	No
3E6	0.23926	Lr	No	No	No	No	No	Yes
3E6	0.23926	Lr	No	No	No	No	No	No
3E6	0.23926	Lr	No	No	Yes	No	No	No
3E6	0.23926	Lr	Yes	No	No	No	No	No
3E6	0.47852	Lr	No	No	No	No	No	No
3E6	0.47852	Lr	No	Yes	No	No	No	No
3E6	0.47852	Lr	No	No	No	No	No	No
3E6	0.47852	Lr	No	No	No	No	No	No
3E6	0.47852	Lr	No	No	Yes	No	No	No
3E6	0.47852	Lr	No	No	No	Yes	Yes	Yes
3E6	0.47852	Lr	No	No	No	No	No	No
3E6	0.47852	Lr	No	No	No	No	No	No
3E6	0.47852	Lr	Yes	No	No	No	No	No
3E6	0.	Le	No	No	No	No	No	No
3E6	0.	Le	No	Yes	No	No	No	No
3E6	0.	Le	No	No	No	Yes	Yes	No
3E6	0.	Le	No	No	No	No	No	No
3E6	0.	Le	No	No	No	No	No	No
3E6	0.	Le	No	No	No	No	No	Yes
3E6	0.	Le	No	No	No	No	No	No
3E6	0.	Le	No	No	Yes	No	No	No
3E6	0.	Le	Yes	No	No	No	No	No
3E6	0.23926	Le	No	No	No	No	No	No
3E6	0.23926	Le	No	Yes	No	No	No	No
3E6	0.23926	Le	No	No	No	Yes	Yes	No
3E6	0.23926	Le	No	No	No	No	No	No
3E6	0.23926	Le	No	No	No	No	No	No
3E6	0.23926	Le	No	No	No	No	No	Yes
3E6	0.23926	Le	No	No	No	No	No	No
3E6	0.23926	Le	No	No	Yes	No	No	No
3E6	0.23926	Le	Yes	No	No	No	No	No
3E6	0.47852	Le	No	No	No	No	No	No
3E6	0.47852	Le	No	Yes	No	No	No	No
3E6	0.47852	Le	No	No	No	No	No	No
3E6	0.47852	Le	No	No	No	No	No	No
3E6	0.47852	Le	No	No	Yes	No	No	No
3E6	0.47852	Le	No	No	No	Yes	Yes	Yes
3E6	0.47852	Le	No	No	No	No	No	No
3E6	0.47852	Le	No	No	No	No	No	No
3E6	0.47852	Le	Yes	No	No	No	No	No
3E7	0.	DEAD	No	No	No	No	No	No
3E7	0.	DEAD	No	No	No	No	No	No
3E7	0.	DEAD	No	No	No	Yes	Yes	No
3E7	0.	DEAD	No	No	No	No	No	No
3E7	0.	DEAD	No	No	No	No	No	No
3E7	0.	DEAD	No	Yes	No	No	No	Yes
3E7	0.	DEAD	No	No	No	No	No	No
3E7	0.	DEAD	No	No	Yes	No	No	No
3E7	0.	DEAD	Yes	No	No	No	No	No
3E7	0.23926	DEAD	No	No	No	No	No	No
3E7	0.23926	DEAD	No	Yes	No	No	No	No
3E7	0.23926	DEAD	No	No	No	No	No	No
3E7	0.23926	DEAD	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E7	0.23926	DEAD	No	No	No	Yes	Yes	No
3E7	0.23926	DEAD	No	No	Yes	No	No	Yes
3E7	0.23926	DEAD	No	No	No	No	No	No
3E7	0.23926	DEAD	No	No	No	No	No	No
3E7	0.23926	DEAD	Yes	No	No	No	No	No
3E7	0.47852	DEAD	No	No	No	No	No	No
3E7	0.47852	DEAD	No	Yes	No	No	No	No
3E7	0.47852	DEAD	No	No	No	No	No	No
3E7	0.47852	DEAD	No	No	No	No	No	No
3E7	0.47852	DEAD	No	No	Yes	No	No	No
3E7	0.47852	DEAD	No	No	No	Yes	Yes	Yes
3E7	0.47852	DEAD	No	No	No	No	No	No
3E7	0.47852	DEAD	No	No	No	No	No	No
3E7	0.47852	DEAD	Yes	No	No	No	No	No
3E7	0.	Lr	No	No	No	No	No	No
3E7	0.	Lr	No	Yes	No	No	No	No
3E7	0.	Lr	No	No	No	Yes	Yes	No
3E7	0.	Lr	No	No	No	No	No	No
3E7	0.	Lr	No	No	No	No	No	No
3E7	0.	Lr	No	No	No	No	No	Yes
3E7	0.	Lr	No	No	No	No	No	No
3E7	0.	Lr	No	No	Yes	No	No	No
3E7	0.	Lr	Yes	No	No	No	No	No
3E7	0.23926	Lr	No	No	No	No	No	No
3E7	0.23926	Lr	No	Yes	No	No	No	No
3E7	0.23926	Lr	No	No	No	Yes	Yes	No
3E7	0.23926	Lr	No	No	No	No	No	No
3E7	0.23926	Lr	No	No	No	No	No	No
3E7	0.23926	Lr	No	No	No	No	No	Yes
3E7	0.23926	Lr	No	No	No	No	No	No
3E7	0.23926	Lr	No	No	Yes	No	No	No
3E7	0.23926	Lr	Yes	No	No	No	No	No
3E7	0.47852	Lr	No	No	No	No	No	No
3E7	0.47852	Lr	No	Yes	No	No	No	No
3E7	0.47852	Lr	No	No	No	No	No	No
3E7	0.47852	Lr	No	No	No	No	No	No
3E7	0.47852	Lr	No	No	Yes	No	No	No
3E7	0.47852	Lr	No	No	No	Yes	Yes	Yes
3E7	0.47852	Lr	No	No	No	No	No	No
3E7	0.47852	Lr	No	No	No	No	No	No
3E7	0.47852	Lr	Yes	No	No	No	No	No
3E7	0.	Le	No	No	No	No	No	No
3E7	0.	Le	No	Yes	No	No	No	No
3E7	0.	Le	No	No	No	Yes	Yes	No
3E7	0.	Le	No	No	No	No	No	No
3E7	0.	Le	No	No	No	No	No	No
3E7	0.	Le	No	No	No	No	No	Yes
3E7	0.	Le	No	No	No	No	No	No
3E7	0.	Le	No	No	Yes	No	No	No
3E7	0.	Le	Yes	No	No	No	No	No
3E7	0.23926	Le	No	No	No	No	No	No
3E7	0.23926	Le	No	Yes	No	No	No	No
3E7	0.23926	Le	No	No	No	Yes	Yes	No
3E7	0.23926	Le	No	No	No	No	No	No

Table: Element Stresses - Frames, Part 3 of 4

Frame	Station	OutputCase	IsS13Max	IsSMaxMax	IsSMinMax	IsSVMMax	IsS11Min	IsS12Min
	m							
3E7	0.23926	Le	No	No	No	No	No	No
3E7	0.23926	Le	No	No	No	No	No	Yes
3E7	0.23926	Le	No	No	No	No	No	No
3E7	0.23926	Le	No	No	Yes	No	No	No
3E7	0.23926	Le	Yes	No	No	No	No	No
3E7	0.47852	Le	No	No	No	No	No	No
3E7	0.47852	Le	No	Yes	No	No	No	No
3E7	0.47852	Le	No	No	No	No	No	No
3E7	0.47852	Le	No	No	No	No	No	No
3E7	0.47852	Le	No	No	Yes	No	No	No
3E7	0.47852	Le	No	No	No	Yes	Yes	Yes
3E7	0.47852	Le	No	No	No	No	No	No
3E7	0.47852	Le	No	No	No	No	No	No
3E7	0.47852	Le	Yes	No	No	No	No	No

Table: Element Stresses - Frames, Part 4 of 4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
1	0.	DEAD					1-1	0.
1	0.	DEAD					1-1	0.
1	0.	DEAD					1-1	0.
1	0.	DEAD					1-1	0.
1	0.20327	DEAD					1-1	0.20327
1	0.20327	DEAD					1-1	0.20327
1	0.20327	DEAD					1-1	0.20327
1	0.20327	DEAD					1-1	0.20327
1	0.	Lr					1-1	0.
1	0.	Lr					1-1	0.
1	0.	Lr					1-1	0.
1	0.	Lr					1-1	0.
1	0.20327	Lr					1-1	0.20327
1	0.20327	Lr					1-1	0.20327
1	0.20327	Lr					1-1	0.20327
1	0.20327	Lr					1-1	0.20327
1	0.	Le					1-1	0.
1	0.	Le					1-1	0.
1	0.	Le					1-1	0.
1	0.	Le					1-1	0.
1	0.20327	Le					1-1	0.20327
1	0.20327	Le					1-1	0.20327
1	0.20327	Le					1-1	0.20327
1	0.20327	Le					1-1	0.20327
2	0.	DEAD					2-1	0.
2	0.	DEAD					2-1	0.
2	0.	DEAD					2-1	0.
2	0.	DEAD					2-1	0.
2	0.4	DEAD					2-1	0.4
2	0.4	DEAD					2-1	0.4
2	0.4	DEAD					2-1	0.4
2	0.4	DEAD					2-1	0.4
2	0.	Lr					2-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
2	0.	Lr					2-1	0.
2	0.	Lr					2-1	0.
2	0.	Lr					2-1	0.
2	0.4	Lr					2-1	0.4
2	0.4	Lr					2-1	0.4
2	0.4	Lr					2-1	0.4
2	0.4	Lr					2-1	0.4
2	0.	Le					2-1	0.
2	0.	Le					2-1	0.
2	0.	Le					2-1	0.
2	0.	Le					2-1	0.
2	0.4	Le					2-1	0.4
2	0.4	Le					2-1	0.4
2	0.4	Le					2-1	0.4
2	0.4	Le					2-1	0.4
3	0.	DEAD					3-1	0.
3	0.	DEAD					3-1	0.
3	0.	DEAD					3-1	0.
3	0.	DEAD					3-1	0.
3	0.4	DEAD					3-1	0.4
3	0.4	DEAD					3-1	0.4
3	0.4	DEAD					3-1	0.4
3	0.4	DEAD					3-1	0.4
3	0.	Lr					3-1	0.
3	0.	Lr					3-1	0.
3	0.	Lr					3-1	0.
3	0.	Lr					3-1	0.
3	0.4	Lr					3-1	0.4
3	0.4	Lr					3-1	0.4
3	0.4	Lr					3-1	0.4
3	0.4	Lr					3-1	0.4
3	0.	Le					3-1	0.
3	0.	Le					3-1	0.
3	0.	Le					3-1	0.
3	0.	Le					3-1	0.
3	0.4	Le					3-1	0.4
3	0.4	Le					3-1	0.4
3	0.4	Le					3-1	0.4
3	0.4	Le					3-1	0.4
4	0.	DEAD					4-1	0.
4	0.	DEAD					4-1	0.
4	0.	DEAD					4-1	0.
4	0.	DEAD					4-1	0.
4	0.4	DEAD					4-1	0.4
4	0.4	DEAD					4-1	0.4
4	0.4	DEAD					4-1	0.4
4	0.4	DEAD					4-1	0.4
4	0.	Lr					4-1	0.
4	0.	Lr					4-1	0.
4	0.	Lr					4-1	0.
4	0.	Lr					4-1	0.
4	0.4	Lr					4-1	0.4
4	0.4	Lr					4-1	0.4
4	0.4	Lr					4-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
4	0.4	Lr					4-1	0.4
4	0.	Le					4-1	0.
4	0.	Le					4-1	0.
4	0.	Le					4-1	0.
4	0.	Le					4-1	0.
4	0.4	Le					4-1	0.4
4	0.4	Le					4-1	0.4
4	0.4	Le					4-1	0.4
4	0.4	Le					4-1	0.4
5	0.	DEAD					5-1	0.
5	0.	DEAD					5-1	0.
5	0.	DEAD					5-1	0.
5	0.	DEAD					5-1	0.
5	0.4	DEAD					5-1	0.4
5	0.4	DEAD					5-1	0.4
5	0.4	DEAD					5-1	0.4
5	0.4	DEAD					5-1	0.4
5	0.	Lr					5-1	0.
5	0.	Lr					5-1	0.
5	0.	Lr					5-1	0.
5	0.	Lr					5-1	0.
5	0.4	Lr					5-1	0.4
5	0.4	Lr					5-1	0.4
5	0.4	Lr					5-1	0.4
5	0.4	Lr					5-1	0.4
5	0.	Le					5-1	0.
5	0.	Le					5-1	0.
5	0.	Le					5-1	0.
5	0.	Le					5-1	0.
5	0.4	Le					5-1	0.4
5	0.4	Le					5-1	0.4
5	0.4	Le					5-1	0.4
5	0.4	Le					5-1	0.4
6	0.	DEAD					6-1	0.
6	0.	DEAD					6-1	0.
6	0.	DEAD					6-1	0.
6	0.	DEAD					6-1	0.
6	0.4	DEAD					6-1	0.4
6	0.4	DEAD					6-1	0.4
6	0.4	DEAD					6-1	0.4
6	0.4	DEAD					6-1	0.4
6	0.	Lr					6-1	0.
6	0.	Lr					6-1	0.
6	0.	Lr					6-1	0.
6	0.	Lr					6-1	0.
6	0.4	Lr					6-1	0.4
6	0.4	Lr					6-1	0.4
6	0.4	Lr					6-1	0.4
6	0.4	Lr					6-1	0.4
6	0.	Le					6-1	0.
6	0.	Le					6-1	0.
6	0.	Le					6-1	0.
6	0.	Le					6-1	0.
6	0.4	Le					6-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
6	0.4	Le					6-1	0.4
6	0.4	Le					6-1	0.4
6	0.4	Le					6-1	0.4
7	0.	DEAD					7-1	0.
7	0.	DEAD					7-1	0.
7	0.	DEAD					7-1	0.
7	0.	DEAD					7-1	0.
7	0.4	DEAD					7-1	0.4
7	0.4	DEAD					7-1	0.4
7	0.4	DEAD					7-1	0.4
7	0.4	DEAD					7-1	0.4
7	0.	Lr					7-1	0.
7	0.	Lr					7-1	0.
7	0.	Lr					7-1	0.
7	0.	Lr					7-1	0.
7	0.4	Lr					7-1	0.4
7	0.4	Lr					7-1	0.4
7	0.4	Lr					7-1	0.4
7	0.4	Lr					7-1	0.4
7	0.	Le					7-1	0.
7	0.	Le					7-1	0.
7	0.	Le					7-1	0.
7	0.	Le					7-1	0.
7	0.4	Le					7-1	0.4
7	0.4	Le					7-1	0.4
7	0.4	Le					7-1	0.4
7	0.4	Le					7-1	0.4
8	0.	DEAD					8-1	0.
8	0.	DEAD					8-1	0.
8	0.	DEAD					8-1	0.
8	0.	DEAD					8-1	0.
8	0.4	DEAD					8-1	0.4
8	0.4	DEAD					8-1	0.4
8	0.4	DEAD					8-1	0.4
8	0.4	DEAD					8-1	0.4
8	0.	Lr					8-1	0.
8	0.	Lr					8-1	0.
8	0.	Lr					8-1	0.
8	0.	Lr					8-1	0.
8	0.4	Lr					8-1	0.4
8	0.4	Lr					8-1	0.4
8	0.4	Lr					8-1	0.4
8	0.4	Lr					8-1	0.4
8	0.	Le					8-1	0.
8	0.	Le					8-1	0.
8	0.	Le					8-1	0.
8	0.	Le					8-1	0.
8	0.4	Le					8-1	0.4
8	0.4	Le					8-1	0.4
8	0.4	Le					8-1	0.4
8	0.4	Le					8-1	0.4
9	0.	DEAD					9-1	0.
9	0.	DEAD					9-1	0.
9	0.	DEAD					9-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
9	0.	DEAD					9-1	0.
9	0.4	DEAD					9-1	0.4
9	0.4	DEAD					9-1	0.4
9	0.4	DEAD					9-1	0.4
9	0.4	DEAD					9-1	0.4
9	0.	Lr					9-1	0.
9	0.	Lr					9-1	0.
9	0.	Lr					9-1	0.
9	0.	Lr					9-1	0.
9	0.4	Lr					9-1	0.4
9	0.4	Lr					9-1	0.4
9	0.4	Lr					9-1	0.4
9	0.4	Lr					9-1	0.4
9	0.	Le					9-1	0.
9	0.	Le					9-1	0.
9	0.	Le					9-1	0.
9	0.	Le					9-1	0.
9	0.4	Le					9-1	0.4
9	0.4	Le					9-1	0.4
9	0.4	Le					9-1	0.4
9	0.4	Le					9-1	0.4
10	0.	DEAD					10-1	0.
10	0.	DEAD					10-1	0.
10	0.	DEAD					10-1	0.
10	0.	DEAD					10-1	0.
10	0.4	DEAD					10-1	0.4
10	0.4	DEAD					10-1	0.4
10	0.4	DEAD					10-1	0.4
10	0.4	DEAD					10-1	0.4
10	0.	Lr					10-1	0.
10	0.	Lr					10-1	0.
10	0.	Lr					10-1	0.
10	0.	Lr					10-1	0.
10	0.4	Lr					10-1	0.4
10	0.4	Lr					10-1	0.4
10	0.4	Lr					10-1	0.4
10	0.4	Lr					10-1	0.4
10	0.	Le					10-1	0.
10	0.	Le					10-1	0.
10	0.	Le					10-1	0.
10	0.	Le					10-1	0.
10	0.4	Le					10-1	0.4
10	0.4	Le					10-1	0.4
10	0.4	Le					10-1	0.4
10	0.4	Le					10-1	0.4
11	0.	DEAD					11-1	0.
11	0.	DEAD					11-1	0.
11	0.	DEAD					11-1	0.
11	0.	DEAD					11-1	0.
11	0.4	DEAD					11-1	0.4
11	0.4	DEAD					11-1	0.4
11	0.4	DEAD					11-1	0.4
11	0.4	DEAD					11-1	0.4
11	0.	Lr					11-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
11	0.	Lr					11-1	0.
11	0.	Lr					11-1	0.
11	0.	Lr					11-1	0.
11	0.4	Lr					11-1	0.4
11	0.4	Lr					11-1	0.4
11	0.4	Lr					11-1	0.4
11	0.4	Lr					11-1	0.4
11	0.	Le					11-1	0.
11	0.	Le					11-1	0.
11	0.	Le					11-1	0.
11	0.	Le					11-1	0.
11	0.4	Le					11-1	0.4
11	0.4	Le					11-1	0.4
11	0.4	Le					11-1	0.4
11	0.4	Le					11-1	0.4
12	0.	DEAD					12-1	0.
12	0.	DEAD					12-1	0.
12	0.	DEAD					12-1	0.
12	0.	DEAD					12-1	0.
12	0.4	DEAD					12-1	0.4
12	0.4	DEAD					12-1	0.4
12	0.4	DEAD					12-1	0.4
12	0.4	DEAD					12-1	0.4
12	0.	Lr					12-1	0.
12	0.	Lr					12-1	0.
12	0.	Lr					12-1	0.
12	0.	Lr					12-1	0.
12	0.4	Lr					12-1	0.4
12	0.4	Lr					12-1	0.4
12	0.4	Lr					12-1	0.4
12	0.4	Lr					12-1	0.4
12	0.	Le					12-1	0.
12	0.	Le					12-1	0.
12	0.	Le					12-1	0.
12	0.	Le					12-1	0.
12	0.4	Le					12-1	0.4
12	0.4	Le					12-1	0.4
12	0.4	Le					12-1	0.4
12	0.4	Le					12-1	0.4
13	0.	DEAD					13-1	0.
13	0.	DEAD					13-1	0.
13	0.	DEAD					13-1	0.
13	0.	DEAD					13-1	0.
13	0.4	DEAD					13-1	0.4
13	0.4	DEAD					13-1	0.4
13	0.4	DEAD					13-1	0.4
13	0.4	DEAD					13-1	0.4
13	0.	Lr					13-1	0.
13	0.	Lr					13-1	0.
13	0.	Lr					13-1	0.
13	0.	Lr					13-1	0.
13	0.4	Lr					13-1	0.4
13	0.4	Lr					13-1	0.4
13	0.4	Lr					13-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
13	0.4	Lr					13-1	0.4
13	0.	Le					13-1	0.
13	0.	Le					13-1	0.
13	0.	Le					13-1	0.
13	0.	Le					13-1	0.
13	0.4	Le					13-1	0.4
13	0.4	Le					13-1	0.4
13	0.4	Le					13-1	0.4
13	0.4	Le					13-1	0.4
14	0.	DEAD					14-1	0.
14	0.	DEAD					14-1	0.
14	0.	DEAD					14-1	0.
14	0.	DEAD					14-1	0.
14	0.33673	DEAD					14-1	0.33673
14	0.33673	DEAD					14-1	0.33673
14	0.33673	DEAD					14-1	0.33673
14	0.33673	DEAD					14-1	0.33673
14	0.	Lr					14-1	0.
14	0.	Lr					14-1	0.
14	0.	Lr					14-1	0.
14	0.	Lr					14-1	0.
14	0.33673	Lr					14-1	0.33673
14	0.33673	Lr					14-1	0.33673
14	0.33673	Lr					14-1	0.33673
14	0.33673	Lr					14-1	0.33673
14	0.	Le					14-1	0.
14	0.	Le					14-1	0.
14	0.	Le					14-1	0.
14	0.	Le					14-1	0.
14	0.33673	Le					14-1	0.33673
14	0.33673	Le					14-1	0.33673
14	0.33673	Le					14-1	0.33673
14	0.33673	Le					14-1	0.33673
16	0.	DEAD					16-1	0.
16	0.	DEAD					16-1	0.
16	0.	DEAD					16-1	0.
16	0.	DEAD					16-1	0.
16	0.20327	DEAD					16-1	0.20327
16	0.20327	DEAD					16-1	0.20327
16	0.20327	DEAD					16-1	0.20327
16	0.20327	DEAD					16-1	0.20327
16	0.	Lr					16-1	0.
16	0.	Lr					16-1	0.
16	0.	Lr					16-1	0.
16	0.	Lr					16-1	0.
16	0.20327	Lr					16-1	0.20327
16	0.20327	Lr					16-1	0.20327
16	0.20327	Lr					16-1	0.20327
16	0.20327	Lr					16-1	0.20327
16	0.	Le					16-1	0.
16	0.	Le					16-1	0.
16	0.	Le					16-1	0.
16	0.	Le					16-1	0.
16	0.20327	Le					16-1	0.20327

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
16	0.20327	Le					16-1	0.20327
16	0.20327	Le					16-1	0.20327
16	0.20327	Le					16-1	0.20327
17	0.	DEAD					17-1	0.
17	0.	DEAD					17-1	0.
17	0.	DEAD					17-1	0.
17	0.	DEAD					17-1	0.
17	0.4	DEAD					17-1	0.4
17	0.4	DEAD					17-1	0.4
17	0.4	DEAD					17-1	0.4
17	0.4	DEAD					17-1	0.4
17	0.	Lr					17-1	0.
17	0.	Lr					17-1	0.
17	0.	Lr					17-1	0.
17	0.	Lr					17-1	0.
17	0.4	Lr					17-1	0.4
17	0.4	Lr					17-1	0.4
17	0.4	Lr					17-1	0.4
17	0.4	Lr					17-1	0.4
17	0.	Le					17-1	0.
17	0.	Le					17-1	0.
17	0.	Le					17-1	0.
17	0.	Le					17-1	0.
17	0.4	Le					17-1	0.4
17	0.4	Le					17-1	0.4
17	0.4	Le					17-1	0.4
17	0.4	Le					17-1	0.4
18	0.	DEAD					18-1	0.
18	0.	DEAD					18-1	0.
18	0.	DEAD					18-1	0.
18	0.	DEAD					18-1	0.
18	0.4	DEAD					18-1	0.4
18	0.4	DEAD					18-1	0.4
18	0.4	DEAD					18-1	0.4
18	0.4	DEAD					18-1	0.4
18	0.	Lr					18-1	0.
18	0.	Lr					18-1	0.
18	0.	Lr					18-1	0.
18	0.	Lr					18-1	0.
18	0.4	Lr					18-1	0.4
18	0.4	Lr					18-1	0.4
18	0.4	Lr					18-1	0.4
18	0.4	Lr					18-1	0.4
18	0.	Le					18-1	0.
18	0.	Le					18-1	0.
18	0.	Le					18-1	0.
18	0.	Le					18-1	0.
18	0.4	Le					18-1	0.4
18	0.4	Le					18-1	0.4
18	0.4	Le					18-1	0.4
18	0.4	Le					18-1	0.4
19	0.	DEAD					19-1	0.
19	0.	DEAD					19-1	0.
19	0.	DEAD					19-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
19	0.	DEAD					19-1	0.
19	0.4	DEAD					19-1	0.4
19	0.4	DEAD					19-1	0.4
19	0.4	DEAD					19-1	0.4
19	0.4	DEAD					19-1	0.4
19	0.	Lr					19-1	0.
19	0.	Lr					19-1	0.
19	0.	Lr					19-1	0.
19	0.	Lr					19-1	0.
19	0.4	Lr					19-1	0.4
19	0.4	Lr					19-1	0.4
19	0.4	Lr					19-1	0.4
19	0.4	Lr					19-1	0.4
19	0.	Le					19-1	0.
19	0.	Le					19-1	0.
19	0.	Le					19-1	0.
19	0.	Le					19-1	0.
19	0.4	Le					19-1	0.4
19	0.4	Le					19-1	0.4
19	0.4	Le					19-1	0.4
19	0.4	Le					19-1	0.4
20	0.	DEAD					20-1	0.
20	0.	DEAD					20-1	0.
20	0.	DEAD					20-1	0.
20	0.	DEAD					20-1	0.
20	0.4	DEAD					20-1	0.4
20	0.4	DEAD					20-1	0.4
20	0.4	DEAD					20-1	0.4
20	0.4	DEAD					20-1	0.4
20	0.	Lr					20-1	0.
20	0.	Lr					20-1	0.
20	0.	Lr					20-1	0.
20	0.	Lr					20-1	0.
20	0.4	Lr					20-1	0.4
20	0.4	Lr					20-1	0.4
20	0.4	Lr					20-1	0.4
20	0.4	Lr					20-1	0.4
20	0.	Le					20-1	0.
20	0.	Le					20-1	0.
20	0.	Le					20-1	0.
20	0.	Le					20-1	0.
20	0.4	Le					20-1	0.4
20	0.4	Le					20-1	0.4
20	0.4	Le					20-1	0.4
20	0.4	Le					20-1	0.4
21	0.	DEAD					21-1	0.
21	0.	DEAD					21-1	0.
21	0.	DEAD					21-1	0.
21	0.	DEAD					21-1	0.
21	0.4	DEAD					21-1	0.4
21	0.4	DEAD					21-1	0.4
21	0.4	DEAD					21-1	0.4
21	0.4	DEAD					21-1	0.4
21	0.	Lr					21-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
21	0.	Lr					21-1	0.
21	0.	Lr					21-1	0.
21	0.	Lr					21-1	0.
21	0.4	Lr					21-1	0.4
21	0.4	Lr					21-1	0.4
21	0.4	Lr					21-1	0.4
21	0.4	Lr					21-1	0.4
21	0.	Le					21-1	0.
21	0.	Le					21-1	0.
21	0.	Le					21-1	0.
21	0.	Le					21-1	0.
21	0.4	Le					21-1	0.4
21	0.4	Le					21-1	0.4
21	0.4	Le					21-1	0.4
21	0.4	Le					21-1	0.4
22	0.	DEAD					22-1	0.
22	0.	DEAD					22-1	0.
22	0.	DEAD					22-1	0.
22	0.	DEAD					22-1	0.
22	0.4	DEAD					22-1	0.4
22	0.4	DEAD					22-1	0.4
22	0.4	DEAD					22-1	0.4
22	0.4	DEAD					22-1	0.4
22	0.	Lr					22-1	0.
22	0.	Lr					22-1	0.
22	0.	Lr					22-1	0.
22	0.	Lr					22-1	0.
22	0.4	Lr					22-1	0.4
22	0.4	Lr					22-1	0.4
22	0.4	Lr					22-1	0.4
22	0.4	Lr					22-1	0.4
22	0.	Le					22-1	0.
22	0.	Le					22-1	0.
22	0.	Le					22-1	0.
22	0.	Le					22-1	0.
22	0.4	Le					22-1	0.4
22	0.4	Le					22-1	0.4
22	0.4	Le					22-1	0.4
22	0.4	Le					22-1	0.4
23	0.	DEAD					23-1	0.
23	0.	DEAD					23-1	0.
23	0.	DEAD					23-1	0.
23	0.	DEAD					23-1	0.
23	0.4	DEAD					23-1	0.4
23	0.4	DEAD					23-1	0.4
23	0.4	DEAD					23-1	0.4
23	0.4	DEAD					23-1	0.4
23	0.	Lr					23-1	0.
23	0.	Lr					23-1	0.
23	0.	Lr					23-1	0.
23	0.	Lr					23-1	0.
23	0.4	Lr					23-1	0.4
23	0.4	Lr					23-1	0.4
23	0.4	Lr					23-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
23	0.4	Lr					23-1	0.4
23	0.	Le					23-1	0.
23	0.	Le					23-1	0.
23	0.	Le					23-1	0.
23	0.	Le					23-1	0.
23	0.4	Le					23-1	0.4
23	0.4	Le					23-1	0.4
23	0.4	Le					23-1	0.4
23	0.4	Le					23-1	0.4
24	0.	DEAD					24-1	0.
24	0.	DEAD					24-1	0.
24	0.	DEAD					24-1	0.
24	0.	DEAD					24-1	0.
24	0.4	DEAD					24-1	0.4
24	0.4	DEAD					24-1	0.4
24	0.4	DEAD					24-1	0.4
24	0.4	DEAD					24-1	0.4
24	0.	Lr					24-1	0.
24	0.	Lr					24-1	0.
24	0.	Lr					24-1	0.
24	0.	Lr					24-1	0.
24	0.4	Lr					24-1	0.4
24	0.4	Lr					24-1	0.4
24	0.4	Lr					24-1	0.4
24	0.4	Lr					24-1	0.4
24	0.	Le					24-1	0.
24	0.	Le					24-1	0.
24	0.	Le					24-1	0.
24	0.	Le					24-1	0.
24	0.4	Le					24-1	0.4
24	0.4	Le					24-1	0.4
24	0.4	Le					24-1	0.4
24	0.4	Le					24-1	0.4
25	0.	DEAD					25-1	0.
25	0.	DEAD					25-1	0.
25	0.	DEAD					25-1	0.
25	0.	DEAD					25-1	0.
25	0.4	DEAD					25-1	0.4
25	0.4	DEAD					25-1	0.4
25	0.4	DEAD					25-1	0.4
25	0.4	DEAD					25-1	0.4
25	0.	Lr					25-1	0.
25	0.	Lr					25-1	0.
25	0.	Lr					25-1	0.
25	0.	Lr					25-1	0.
25	0.4	Lr					25-1	0.4
25	0.4	Lr					25-1	0.4
25	0.4	Lr					25-1	0.4
25	0.4	Lr					25-1	0.4
25	0.	Le					25-1	0.
25	0.	Le					25-1	0.
25	0.	Le					25-1	0.
25	0.	Le					25-1	0.
25	0.4	Le					25-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
25	0.4	Le					25-1	0.4
25	0.4	Le					25-1	0.4
25	0.4	Le					25-1	0.4
26	0.	DEAD					26-1	0.
26	0.	DEAD					26-1	0.
26	0.	DEAD					26-1	0.
26	0.	DEAD					26-1	0.
26	0.4	DEAD					26-1	0.4
26	0.4	DEAD					26-1	0.4
26	0.4	DEAD					26-1	0.4
26	0.4	DEAD					26-1	0.4
26	0.	Lr					26-1	0.
26	0.	Lr					26-1	0.
26	0.	Lr					26-1	0.
26	0.	Lr					26-1	0.
26	0.4	Lr					26-1	0.4
26	0.4	Lr					26-1	0.4
26	0.4	Lr					26-1	0.4
26	0.4	Lr					26-1	0.4
26	0.	Le					26-1	0.
26	0.	Le					26-1	0.
26	0.	Le					26-1	0.
26	0.	Le					26-1	0.
26	0.4	Le					26-1	0.4
26	0.4	Le					26-1	0.4
26	0.4	Le					26-1	0.4
26	0.4	Le					26-1	0.4
27	0.	DEAD					27-1	0.
27	0.	DEAD					27-1	0.
27	0.	DEAD					27-1	0.
27	0.	DEAD					27-1	0.
27	0.4	DEAD					27-1	0.4
27	0.4	DEAD					27-1	0.4
27	0.4	DEAD					27-1	0.4
27	0.4	DEAD					27-1	0.4
27	0.	Lr					27-1	0.
27	0.	Lr					27-1	0.
27	0.	Lr					27-1	0.
27	0.	Lr					27-1	0.
27	0.4	Lr					27-1	0.4
27	0.4	Lr					27-1	0.4
27	0.4	Lr					27-1	0.4
27	0.4	Lr					27-1	0.4
27	0.	Le					27-1	0.
27	0.	Le					27-1	0.
27	0.	Le					27-1	0.
27	0.	Le					27-1	0.
27	0.4	Le					27-1	0.4
27	0.4	Le					27-1	0.4
27	0.4	Le					27-1	0.4
27	0.4	Le					27-1	0.4
28	0.	DEAD					28-1	0.
28	0.	DEAD					28-1	0.
28	0.	DEAD					28-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
28	0.	DEAD					28-1	0.
28	0.4	DEAD					28-1	0.4
28	0.4	DEAD					28-1	0.4
28	0.4	DEAD					28-1	0.4
28	0.4	DEAD					28-1	0.4
28	0.	Lr					28-1	0.
28	0.	Lr					28-1	0.
28	0.	Lr					28-1	0.
28	0.	Lr					28-1	0.
28	0.4	Lr					28-1	0.4
28	0.4	Lr					28-1	0.4
28	0.4	Lr					28-1	0.4
28	0.4	Lr					28-1	0.4
28	0.	Le					28-1	0.
28	0.	Le					28-1	0.
28	0.	Le					28-1	0.
28	0.	Le					28-1	0.
28	0.4	Le					28-1	0.4
28	0.4	Le					28-1	0.4
28	0.4	Le					28-1	0.4
28	0.4	Le					28-1	0.4
29	0.	DEAD					29-1	0.
29	0.	DEAD					29-1	0.
29	0.	DEAD					29-1	0.
29	0.	DEAD					29-1	0.
29	0.33673	DEAD					29-1	0.33673
29	0.33673	DEAD					29-1	0.33673
29	0.33673	DEAD					29-1	0.33673
29	0.33673	DEAD					29-1	0.33673
29	0.	Lr					29-1	0.
29	0.	Lr					29-1	0.
29	0.	Lr					29-1	0.
29	0.	Lr					29-1	0.
29	0.33673	Lr					29-1	0.33673
29	0.33673	Lr					29-1	0.33673
29	0.33673	Lr					29-1	0.33673
29	0.33673	Lr					29-1	0.33673
29	0.	Le					29-1	0.
29	0.	Le					29-1	0.
29	0.	Le					29-1	0.
29	0.	Le					29-1	0.
29	0.33673	Le					29-1	0.33673
29	0.33673	Le					29-1	0.33673
29	0.33673	Le					29-1	0.33673
29	0.33673	Le					29-1	0.33673
30	0.	DEAD					30-1	0.
30	0.	DEAD					30-1	0.
30	0.	DEAD					30-1	0.
30	0.	DEAD					30-1	0.
30	0.20327	DEAD					30-1	0.20327
30	0.20327	DEAD					30-1	0.20327
30	0.20327	DEAD					30-1	0.20327
30	0.20327	DEAD					30-1	0.20327
30	0.	Lr					30-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30	0.	Lr					30-1	0.
30	0.	Lr					30-1	0.
30	0.	Lr					30-1	0.
30	0.20327	Lr					30-1	0.20327
30	0.20327	Lr					30-1	0.20327
30	0.20327	Lr					30-1	0.20327
30	0.20327	Lr					30-1	0.20327
30	0.	Le					30-1	0.
30	0.	Le					30-1	0.
30	0.	Le					30-1	0.
30	0.	Le					30-1	0.
30	0.20327	Le					30-1	0.20327
30	0.20327	Le					30-1	0.20327
30	0.20327	Le					30-1	0.20327
30	0.20327	Le					30-1	0.20327
31	0.	DEAD					31-1	0.
31	0.	DEAD					31-1	0.
31	0.	DEAD					31-1	0.
31	0.	DEAD					31-1	0.
31	0.4	DEAD					31-1	0.4
31	0.4	DEAD					31-1	0.4
31	0.4	DEAD					31-1	0.4
31	0.4	DEAD					31-1	0.4
31	0.	Lr					31-1	0.
31	0.	Lr					31-1	0.
31	0.	Lr					31-1	0.
31	0.	Lr					31-1	0.
31	0.4	Lr					31-1	0.4
31	0.4	Lr					31-1	0.4
31	0.4	Lr					31-1	0.4
31	0.4	Lr					31-1	0.4
31	0.	Le					31-1	0.
31	0.	Le					31-1	0.
31	0.	Le					31-1	0.
31	0.	Le					31-1	0.
31	0.4	Le					31-1	0.4
31	0.4	Le					31-1	0.4
31	0.4	Le					31-1	0.4
31	0.4	Le					31-1	0.4
32	0.	DEAD					32-1	0.
32	0.	DEAD					32-1	0.
32	0.	DEAD					32-1	0.
32	0.	DEAD					32-1	0.
32	0.4	DEAD					32-1	0.4
32	0.4	DEAD					32-1	0.4
32	0.4	DEAD					32-1	0.4
32	0.4	DEAD					32-1	0.4
32	0.	Lr					32-1	0.
32	0.	Lr					32-1	0.
32	0.	Lr					32-1	0.
32	0.	Lr					32-1	0.
32	0.4	Lr					32-1	0.4
32	0.4	Lr					32-1	0.4
32	0.4	Lr					32-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
32	0.4	Lr					32-1	0.4
32	0.	Le					32-1	0.
32	0.	Le					32-1	0.
32	0.	Le					32-1	0.
32	0.	Le					32-1	0.
32	0.4	Le					32-1	0.4
32	0.4	Le					32-1	0.4
32	0.4	Le					32-1	0.4
32	0.4	Le					32-1	0.4
33	0.	DEAD					33-1	0.
33	0.	DEAD					33-1	0.
33	0.	DEAD					33-1	0.
33	0.	DEAD					33-1	0.
33	0.4	DEAD					33-1	0.4
33	0.4	DEAD					33-1	0.4
33	0.4	DEAD					33-1	0.4
33	0.4	DEAD					33-1	0.4
33	0.	Lr					33-1	0.
33	0.	Lr					33-1	0.
33	0.	Lr					33-1	0.
33	0.	Lr					33-1	0.
33	0.4	Lr					33-1	0.4
33	0.4	Lr					33-1	0.4
33	0.4	Lr					33-1	0.4
33	0.4	Lr					33-1	0.4
33	0.	Le					33-1	0.
33	0.	Le					33-1	0.
33	0.	Le					33-1	0.
33	0.	Le					33-1	0.
33	0.4	Le					33-1	0.4
33	0.4	Le					33-1	0.4
33	0.4	Le					33-1	0.4
33	0.4	Le					33-1	0.4
34	0.	DEAD					34-1	0.
34	0.	DEAD					34-1	0.
34	0.	DEAD					34-1	0.
34	0.	DEAD					34-1	0.
34	0.4	DEAD					34-1	0.4
34	0.4	DEAD					34-1	0.4
34	0.4	DEAD					34-1	0.4
34	0.4	DEAD					34-1	0.4
34	0.	Lr					34-1	0.
34	0.	Lr					34-1	0.
34	0.	Lr					34-1	0.
34	0.	Lr					34-1	0.
34	0.4	Lr					34-1	0.4
34	0.4	Lr					34-1	0.4
34	0.4	Lr					34-1	0.4
34	0.4	Lr					34-1	0.4
34	0.	Le					34-1	0.
34	0.	Le					34-1	0.
34	0.	Le					34-1	0.
34	0.	Le					34-1	0.
34	0.4	Le					34-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34	0.4	Le					34-1	0.4
34	0.4	Le					34-1	0.4
34	0.4	Le					34-1	0.4
35	0.	DEAD					35-1	0.
35	0.	DEAD					35-1	0.
35	0.	DEAD					35-1	0.
35	0.	DEAD					35-1	0.
35	0.4	DEAD					35-1	0.4
35	0.4	DEAD					35-1	0.4
35	0.4	DEAD					35-1	0.4
35	0.4	DEAD					35-1	0.4
35	0.	Lr					35-1	0.
35	0.	Lr					35-1	0.
35	0.	Lr					35-1	0.
35	0.	Lr					35-1	0.
35	0.4	Lr					35-1	0.4
35	0.4	Lr					35-1	0.4
35	0.4	Lr					35-1	0.4
35	0.4	Lr					35-1	0.4
35	0.	Le					35-1	0.
35	0.	Le					35-1	0.
35	0.	Le					35-1	0.
35	0.	Le					35-1	0.
35	0.4	Le					35-1	0.4
35	0.4	Le					35-1	0.4
35	0.4	Le					35-1	0.4
35	0.4	Le					35-1	0.4
36	0.	DEAD					36-1	0.
36	0.	DEAD					36-1	0.
36	0.	DEAD					36-1	0.
36	0.	DEAD					36-1	0.
36	0.4	DEAD					36-1	0.4
36	0.4	DEAD					36-1	0.4
36	0.4	DEAD					36-1	0.4
36	0.4	DEAD					36-1	0.4
36	0.	Lr					36-1	0.
36	0.	Lr					36-1	0.
36	0.	Lr					36-1	0.
36	0.	Lr					36-1	0.
36	0.4	Lr					36-1	0.4
36	0.4	Lr					36-1	0.4
36	0.4	Lr					36-1	0.4
36	0.4	Lr					36-1	0.4
36	0.	Le					36-1	0.
36	0.	Le					36-1	0.
36	0.	Le					36-1	0.
36	0.	Le					36-1	0.
36	0.4	Le					36-1	0.4
36	0.4	Le					36-1	0.4
36	0.4	Le					36-1	0.4
36	0.4	Le					36-1	0.4
37	0.	DEAD					37-1	0.
37	0.	DEAD					37-1	0.
37	0.	DEAD					37-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
37	0.	DEAD					37-1	0.
37	0.4	DEAD					37-1	0.4
37	0.4	DEAD					37-1	0.4
37	0.4	DEAD					37-1	0.4
37	0.4	DEAD					37-1	0.4
37	0.	Lr					37-1	0.
37	0.	Lr					37-1	0.
37	0.	Lr					37-1	0.
37	0.	Lr					37-1	0.
37	0.4	Lr					37-1	0.4
37	0.4	Lr					37-1	0.4
37	0.4	Lr					37-1	0.4
37	0.4	Lr					37-1	0.4
37	0.	Le					37-1	0.
37	0.	Le					37-1	0.
37	0.	Le					37-1	0.
37	0.	Le					37-1	0.
37	0.4	Le					37-1	0.4
37	0.4	Le					37-1	0.4
37	0.4	Le					37-1	0.4
37	0.4	Le					37-1	0.4
38	0.	DEAD					38-1	0.
38	0.	DEAD					38-1	0.
38	0.	DEAD					38-1	0.
38	0.	DEAD					38-1	0.
38	0.4	DEAD					38-1	0.4
38	0.4	DEAD					38-1	0.4
38	0.4	DEAD					38-1	0.4
38	0.4	DEAD					38-1	0.4
38	0.	Lr					38-1	0.
38	0.	Lr					38-1	0.
38	0.	Lr					38-1	0.
38	0.	Lr					38-1	0.
38	0.4	Lr					38-1	0.4
38	0.4	Lr					38-1	0.4
38	0.4	Lr					38-1	0.4
38	0.4	Lr					38-1	0.4
38	0.	Le					38-1	0.
38	0.	Le					38-1	0.
38	0.	Le					38-1	0.
38	0.	Le					38-1	0.
38	0.4	Le					38-1	0.4
38	0.4	Le					38-1	0.4
38	0.4	Le					38-1	0.4
38	0.4	Le					38-1	0.4
39	0.	DEAD					39-1	0.
39	0.	DEAD					39-1	0.
39	0.	DEAD					39-1	0.
39	0.	DEAD					39-1	0.
39	0.4	DEAD					39-1	0.4
39	0.4	DEAD					39-1	0.4
39	0.4	DEAD					39-1	0.4
39	0.4	DEAD					39-1	0.4
39	0.	Lr					39-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
39	0.	Lr					39-1	0.
39	0.	Lr					39-1	0.
39	0.	Lr					39-1	0.
39	0.4	Lr					39-1	0.4
39	0.4	Lr					39-1	0.4
39	0.4	Lr					39-1	0.4
39	0.4	Lr					39-1	0.4
39	0.	Le					39-1	0.
39	0.	Le					39-1	0.
39	0.	Le					39-1	0.
39	0.	Le					39-1	0.
39	0.4	Le					39-1	0.4
39	0.4	Le					39-1	0.4
39	0.4	Le					39-1	0.4
39	0.4	Le					39-1	0.4
40	0.	DEAD					40-1	0.
40	0.	DEAD					40-1	0.
40	0.	DEAD					40-1	0.
40	0.	DEAD					40-1	0.
40	0.4	DEAD					40-1	0.4
40	0.4	DEAD					40-1	0.4
40	0.4	DEAD					40-1	0.4
40	0.4	DEAD					40-1	0.4
40	0.	Lr					40-1	0.
40	0.	Lr					40-1	0.
40	0.	Lr					40-1	0.
40	0.	Lr					40-1	0.
40	0.4	Lr					40-1	0.4
40	0.4	Lr					40-1	0.4
40	0.4	Lr					40-1	0.4
40	0.4	Lr					40-1	0.4
40	0.	Le					40-1	0.
40	0.	Le					40-1	0.
40	0.	Le					40-1	0.
40	0.	Le					40-1	0.
40	0.4	Le					40-1	0.4
40	0.4	Le					40-1	0.4
40	0.4	Le					40-1	0.4
40	0.4	Le					40-1	0.4
41	0.	DEAD					41-1	0.
41	0.	DEAD					41-1	0.
41	0.	DEAD					41-1	0.
41	0.	DEAD					41-1	0.
41	0.4	DEAD					41-1	0.4
41	0.4	DEAD					41-1	0.4
41	0.4	DEAD					41-1	0.4
41	0.4	DEAD					41-1	0.4
41	0.	Lr					41-1	0.
41	0.	Lr					41-1	0.
41	0.	Lr					41-1	0.
41	0.	Lr					41-1	0.
41	0.4	Lr					41-1	0.4
41	0.4	Lr					41-1	0.4
41	0.4	Lr					41-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
41	0.4	Lr					41-1	0.4
41	0.	Le					41-1	0.
41	0.	Le					41-1	0.
41	0.	Le					41-1	0.
41	0.	Le					41-1	0.
41	0.4	Le					41-1	0.4
41	0.4	Le					41-1	0.4
41	0.4	Le					41-1	0.4
41	0.4	Le					41-1	0.4
42	0.	DEAD					42-1	0.
42	0.	DEAD					42-1	0.
42	0.	DEAD					42-1	0.
42	0.	DEAD					42-1	0.
42	0.4	DEAD					42-1	0.4
42	0.4	DEAD					42-1	0.4
42	0.4	DEAD					42-1	0.4
42	0.4	DEAD					42-1	0.4
42	0.	Lr					42-1	0.
42	0.	Lr					42-1	0.
42	0.	Lr					42-1	0.
42	0.	Lr					42-1	0.
42	0.4	Lr					42-1	0.4
42	0.4	Lr					42-1	0.4
42	0.4	Lr					42-1	0.4
42	0.4	Lr					42-1	0.4
42	0.	Le					42-1	0.
42	0.	Le					42-1	0.
42	0.	Le					42-1	0.
42	0.	Le					42-1	0.
42	0.4	Le					42-1	0.4
42	0.4	Le					42-1	0.4
42	0.4	Le					42-1	0.4
42	0.4	Le					42-1	0.4
43	0.	DEAD					43-1	0.
43	0.	DEAD					43-1	0.
43	0.	DEAD					43-1	0.
43	0.	DEAD					43-1	0.
43	0.33673	DEAD					43-1	0.33673
43	0.33673	DEAD					43-1	0.33673
43	0.33673	DEAD					43-1	0.33673
43	0.33673	DEAD					43-1	0.33673
43	0.	Lr					43-1	0.
43	0.	Lr					43-1	0.
43	0.	Lr					43-1	0.
43	0.	Lr					43-1	0.
43	0.33673	Lr					43-1	0.33673
43	0.33673	Lr					43-1	0.33673
43	0.33673	Lr					43-1	0.33673
43	0.33673	Lr					43-1	0.33673
43	0.	Le					43-1	0.
43	0.	Le					43-1	0.
43	0.	Le					43-1	0.
43	0.	Le					43-1	0.
43	0.33673	Le					43-1	0.33673

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
43	0.33673	Le					43-1	0.33673
43	0.33673	Le					43-1	0.33673
43	0.33673	Le					43-1	0.33673
44	0.	DEAD					44-1	0.
44	0.	DEAD					44-1	0.
44	0.	DEAD					44-1	0.
44	0.	DEAD					44-1	0.
44	0.20327	DEAD					44-1	0.20327
44	0.20327	DEAD					44-1	0.20327
44	0.20327	DEAD					44-1	0.20327
44	0.20327	DEAD					44-1	0.20327
44	0.	Lr					44-1	0.
44	0.	Lr					44-1	0.
44	0.	Lr					44-1	0.
44	0.	Lr					44-1	0.
44	0.20327	Lr					44-1	0.20327
44	0.20327	Lr					44-1	0.20327
44	0.20327	Lr					44-1	0.20327
44	0.20327	Lr					44-1	0.20327
44	0.	Le					44-1	0.
44	0.	Le					44-1	0.
44	0.	Le					44-1	0.
44	0.	Le					44-1	0.
44	0.20327	Le					44-1	0.20327
44	0.20327	Le					44-1	0.20327
44	0.20327	Le					44-1	0.20327
44	0.20327	Le					44-1	0.20327
45	0.	DEAD					45-1	0.
45	0.	DEAD					45-1	0.
45	0.	DEAD					45-1	0.
45	0.	DEAD					45-1	0.
45	0.4	DEAD					45-1	0.4
45	0.4	DEAD					45-1	0.4
45	0.4	DEAD					45-1	0.4
45	0.4	DEAD					45-1	0.4
45	0.	Lr					45-1	0.
45	0.	Lr					45-1	0.
45	0.	Lr					45-1	0.
45	0.	Lr					45-1	0.
45	0.4	Lr					45-1	0.4
45	0.4	Lr					45-1	0.4
45	0.4	Lr					45-1	0.4
45	0.4	Lr					45-1	0.4
45	0.	Le					45-1	0.
45	0.	Le					45-1	0.
45	0.	Le					45-1	0.
45	0.	Le					45-1	0.
45	0.4	Le					45-1	0.4
45	0.4	Le					45-1	0.4
45	0.4	Le					45-1	0.4
45	0.4	Le					45-1	0.4
46	0.	DEAD					46-1	0.
46	0.	DEAD					46-1	0.
46	0.	DEAD					46-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
46	0.	DEAD					46-1	0.
46	0.4	DEAD					46-1	0.4
46	0.4	DEAD					46-1	0.4
46	0.4	DEAD					46-1	0.4
46	0.4	DEAD					46-1	0.4
46	0.	Lr					46-1	0.
46	0.	Lr					46-1	0.
46	0.	Lr					46-1	0.
46	0.	Lr					46-1	0.
46	0.4	Lr					46-1	0.4
46	0.4	Lr					46-1	0.4
46	0.4	Lr					46-1	0.4
46	0.4	Lr					46-1	0.4
46	0.	Le					46-1	0.
46	0.	Le					46-1	0.
46	0.	Le					46-1	0.
46	0.	Le					46-1	0.
46	0.4	Le					46-1	0.4
46	0.4	Le					46-1	0.4
46	0.4	Le					46-1	0.4
46	0.4	Le					46-1	0.4
47	0.	DEAD					47-1	0.
47	0.	DEAD					47-1	0.
47	0.	DEAD					47-1	0.
47	0.	DEAD					47-1	0.
47	0.4	DEAD					47-1	0.4
47	0.4	DEAD					47-1	0.4
47	0.4	DEAD					47-1	0.4
47	0.4	DEAD					47-1	0.4
47	0.	Lr					47-1	0.
47	0.	Lr					47-1	0.
47	0.	Lr					47-1	0.
47	0.	Lr					47-1	0.
47	0.4	Lr					47-1	0.4
47	0.4	Lr					47-1	0.4
47	0.4	Lr					47-1	0.4
47	0.4	Lr					47-1	0.4
47	0.	Le					47-1	0.
47	0.	Le					47-1	0.
47	0.	Le					47-1	0.
47	0.	Le					47-1	0.
47	0.4	Le					47-1	0.4
47	0.4	Le					47-1	0.4
47	0.4	Le					47-1	0.4
47	0.4	Le					47-1	0.4
48	0.	DEAD					48-1	0.
48	0.	DEAD					48-1	0.
48	0.	DEAD					48-1	0.
48	0.	DEAD					48-1	0.
48	0.4	DEAD					48-1	0.4
48	0.4	DEAD					48-1	0.4
48	0.4	DEAD					48-1	0.4
48	0.4	DEAD					48-1	0.4
48	0.	Lr					48-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
48	0.	Lr					48-1	0.
48	0.	Lr					48-1	0.
48	0.	Lr					48-1	0.
48	0.4	Lr					48-1	0.4
48	0.4	Lr					48-1	0.4
48	0.4	Lr					48-1	0.4
48	0.4	Lr					48-1	0.4
48	0.	Le					48-1	0.
48	0.	Le					48-1	0.
48	0.	Le					48-1	0.
48	0.	Le					48-1	0.
48	0.4	Le					48-1	0.4
48	0.4	Le					48-1	0.4
48	0.4	Le					48-1	0.4
48	0.4	Le					48-1	0.4
49	0.	DEAD					49-1	0.
49	0.	DEAD					49-1	0.
49	0.	DEAD					49-1	0.
49	0.	DEAD					49-1	0.
49	0.4	DEAD					49-1	0.4
49	0.4	DEAD					49-1	0.4
49	0.4	DEAD					49-1	0.4
49	0.4	DEAD					49-1	0.4
49	0.	Lr					49-1	0.
49	0.	Lr					49-1	0.
49	0.	Lr					49-1	0.
49	0.	Lr					49-1	0.
49	0.4	Lr					49-1	0.4
49	0.4	Lr					49-1	0.4
49	0.4	Lr					49-1	0.4
49	0.4	Lr					49-1	0.4
49	0.	Le					49-1	0.
49	0.	Le					49-1	0.
49	0.	Le					49-1	0.
49	0.	Le					49-1	0.
49	0.4	Le					49-1	0.4
49	0.4	Le					49-1	0.4
49	0.4	Le					49-1	0.4
49	0.4	Le					49-1	0.4
50	0.	DEAD					50-1	0.
50	0.	DEAD					50-1	0.
50	0.	DEAD					50-1	0.
50	0.	DEAD					50-1	0.
50	0.4	DEAD					50-1	0.4
50	0.4	DEAD					50-1	0.4
50	0.4	DEAD					50-1	0.4
50	0.4	DEAD					50-1	0.4
50	0.	Lr					50-1	0.
50	0.	Lr					50-1	0.
50	0.	Lr					50-1	0.
50	0.	Lr					50-1	0.
50	0.4	Lr					50-1	0.4
50	0.4	Lr					50-1	0.4
50	0.4	Lr					50-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
50	0.4	Lr					50-1	0.4
50	0.	Le					50-1	0.
50	0.	Le					50-1	0.
50	0.	Le					50-1	0.
50	0.	Le					50-1	0.
50	0.4	Le					50-1	0.4
50	0.4	Le					50-1	0.4
50	0.4	Le					50-1	0.4
50	0.4	Le					50-1	0.4
51	0.	DEAD					51-1	0.
51	0.	DEAD					51-1	0.
51	0.	DEAD					51-1	0.
51	0.	DEAD					51-1	0.
51	0.4	DEAD					51-1	0.4
51	0.4	DEAD					51-1	0.4
51	0.4	DEAD					51-1	0.4
51	0.4	DEAD					51-1	0.4
51	0.	Lr					51-1	0.
51	0.	Lr					51-1	0.
51	0.	Lr					51-1	0.
51	0.	Lr					51-1	0.
51	0.4	Lr					51-1	0.4
51	0.4	Lr					51-1	0.4
51	0.4	Lr					51-1	0.4
51	0.4	Lr					51-1	0.4
51	0.	Le					51-1	0.
51	0.	Le					51-1	0.
51	0.	Le					51-1	0.
51	0.	Le					51-1	0.
51	0.4	Le					51-1	0.4
51	0.4	Le					51-1	0.4
51	0.4	Le					51-1	0.4
51	0.4	Le					51-1	0.4
52	0.	DEAD					52-1	0.
52	0.	DEAD					52-1	0.
52	0.	DEAD					52-1	0.
52	0.	DEAD					52-1	0.
52	0.4	DEAD					52-1	0.4
52	0.4	DEAD					52-1	0.4
52	0.4	DEAD					52-1	0.4
52	0.4	DEAD					52-1	0.4
52	0.	Lr					52-1	0.
52	0.	Lr					52-1	0.
52	0.	Lr					52-1	0.
52	0.	Lr					52-1	0.
52	0.4	Lr					52-1	0.4
52	0.4	Lr					52-1	0.4
52	0.4	Lr					52-1	0.4
52	0.4	Lr					52-1	0.4
52	0.	Le					52-1	0.
52	0.	Le					52-1	0.
52	0.	Le					52-1	0.
52	0.	Le					52-1	0.
52	0.4	Le					52-1	0.4

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
52	0.4	Le					52-1	0.4
52	0.4	Le					52-1	0.4
52	0.4	Le					52-1	0.4
53	0.	DEAD					53-1	0.
53	0.	DEAD					53-1	0.
53	0.	DEAD					53-1	0.
53	0.	DEAD					53-1	0.
53	0.4	DEAD					53-1	0.4
53	0.4	DEAD					53-1	0.4
53	0.4	DEAD					53-1	0.4
53	0.4	DEAD					53-1	0.4
53	0.	Lr					53-1	0.
53	0.	Lr					53-1	0.
53	0.	Lr					53-1	0.
53	0.	Lr					53-1	0.
53	0.4	Lr					53-1	0.4
53	0.4	Lr					53-1	0.4
53	0.4	Lr					53-1	0.4
53	0.4	Lr					53-1	0.4
53	0.	Le					53-1	0.
53	0.	Le					53-1	0.
53	0.	Le					53-1	0.
53	0.	Le					53-1	0.
53	0.4	Le					53-1	0.4
53	0.4	Le					53-1	0.4
53	0.4	Le					53-1	0.4
53	0.4	Le					53-1	0.4
54	0.	DEAD					54-1	0.
54	0.	DEAD					54-1	0.
54	0.	DEAD					54-1	0.
54	0.	DEAD					54-1	0.
54	0.4	DEAD					54-1	0.4
54	0.4	DEAD					54-1	0.4
54	0.4	DEAD					54-1	0.4
54	0.4	DEAD					54-1	0.4
54	0.	Lr					54-1	0.
54	0.	Lr					54-1	0.
54	0.	Lr					54-1	0.
54	0.	Lr					54-1	0.
54	0.4	Lr					54-1	0.4
54	0.4	Lr					54-1	0.4
54	0.4	Lr					54-1	0.4
54	0.4	Lr					54-1	0.4
54	0.	Le					54-1	0.
54	0.	Le					54-1	0.
54	0.	Le					54-1	0.
54	0.	Le					54-1	0.
54	0.4	Le					54-1	0.4
54	0.4	Le					54-1	0.4
54	0.4	Le					54-1	0.4
54	0.4	Le					54-1	0.4
55	0.	DEAD					55-1	0.
55	0.	DEAD					55-1	0.
55	0.	DEAD					55-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
55	0.	DEAD					55-1	0.
55	0.4	DEAD					55-1	0.4
55	0.4	DEAD					55-1	0.4
55	0.4	DEAD					55-1	0.4
55	0.4	DEAD					55-1	0.4
55	0.	Lr					55-1	0.
55	0.	Lr					55-1	0.
55	0.	Lr					55-1	0.
55	0.	Lr					55-1	0.
55	0.4	Lr					55-1	0.4
55	0.4	Lr					55-1	0.4
55	0.4	Lr					55-1	0.4
55	0.4	Lr					55-1	0.4
55	0.	Le					55-1	0.
55	0.	Le					55-1	0.
55	0.	Le					55-1	0.
55	0.	Le					55-1	0.
55	0.4	Le					55-1	0.4
55	0.4	Le					55-1	0.4
55	0.4	Le					55-1	0.4
55	0.4	Le					55-1	0.4
56	0.	DEAD					56-1	0.
56	0.	DEAD					56-1	0.
56	0.	DEAD					56-1	0.
56	0.	DEAD					56-1	0.
56	0.4	DEAD					56-1	0.4
56	0.4	DEAD					56-1	0.4
56	0.4	DEAD					56-1	0.4
56	0.4	DEAD					56-1	0.4
56	0.	Lr					56-1	0.
56	0.	Lr					56-1	0.
56	0.	Lr					56-1	0.
56	0.	Lr					56-1	0.
56	0.4	Lr					56-1	0.4
56	0.4	Lr					56-1	0.4
56	0.4	Lr					56-1	0.4
56	0.4	Lr					56-1	0.4
56	0.	Le					56-1	0.
56	0.	Le					56-1	0.
56	0.	Le					56-1	0.
56	0.	Le					56-1	0.
56	0.4	Le					56-1	0.4
56	0.4	Le					56-1	0.4
56	0.4	Le					56-1	0.4
56	0.4	Le					56-1	0.4
57	0.	DEAD					57-1	0.
57	0.	DEAD					57-1	0.
57	0.	DEAD					57-1	0.
57	0.	DEAD					57-1	0.
57	0.33673	DEAD					57-1	0.33673
57	0.33673	DEAD					57-1	0.33673
57	0.33673	DEAD					57-1	0.33673
57	0.33673	DEAD					57-1	0.33673
57	0.	Lr					57-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
57	0.	Lr					57-1	0.
57	0.	Lr					57-1	0.
57	0.	Lr					57-1	0.
57	0.33673	Lr					57-1	0.33673
57	0.33673	Lr					57-1	0.33673
57	0.33673	Lr					57-1	0.33673
57	0.33673	Lr					57-1	0.33673
57	0.	Le					57-1	0.
57	0.	Le					57-1	0.
57	0.	Le					57-1	0.
57	0.	Le					57-1	0.
57	0.33673	Le					57-1	0.33673
57	0.33673	Le					57-1	0.33673
57	0.33673	Le					57-1	0.33673
57	0.33673	Le					57-1	0.33673
306	0.	DEAD					306-1	0.
306	0.	DEAD					306-1	0.
306	0.	DEAD					306-1	0.
306	0.	DEAD					306-1	0.
306	0.17	DEAD					306-1	0.17
306	0.17	DEAD					306-1	0.17
306	0.17	DEAD					306-1	0.17
306	0.17	DEAD					306-1	0.17
306	0.34	DEAD					306-1	0.34
306	0.34	DEAD					306-1	0.34
306	0.34	DEAD					306-1	0.34
306	0.34	DEAD					306-1	0.34
306	0.	Lr					306-1	0.
306	0.	Lr					306-1	0.
306	0.	Lr					306-1	0.
306	0.	Lr					306-1	0.
306	0.17	Lr					306-1	0.17
306	0.17	Lr					306-1	0.17
306	0.17	Lr					306-1	0.17
306	0.17	Lr					306-1	0.17
306	0.34	Lr					306-1	0.34
306	0.34	Lr					306-1	0.34
306	0.34	Lr					306-1	0.34
306	0.34	Lr					306-1	0.34
306	0.	Le					306-1	0.
306	0.	Le					306-1	0.
306	0.	Le					306-1	0.
306	0.	Le					306-1	0.
306	0.17	Le					306-1	0.17
306	0.17	Le					306-1	0.17
306	0.17	Le					306-1	0.17
306	0.17	Le					306-1	0.17
306	0.34	Le					306-1	0.34
306	0.34	Le					306-1	0.34
306	0.34	Le					306-1	0.34
306	0.34	Le					306-1	0.34
307	0.	DEAD					307-1	0.
307	0.	DEAD					307-1	0.
307	0.	DEAD					307-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
307	0.	DEAD					307-1	0.
307	0.17	DEAD					307-1	0.17
307	0.17	DEAD					307-1	0.17
307	0.17	DEAD					307-1	0.17
307	0.17	DEAD					307-1	0.17
307	0.34	DEAD					307-1	0.34
307	0.34	DEAD					307-1	0.34
307	0.34	DEAD					307-1	0.34
307	0.34	DEAD					307-1	0.34
307	0.	Lr					307-1	0.
307	0.	Lr					307-1	0.
307	0.	Lr					307-1	0.
307	0.	Lr					307-1	0.
307	0.17	Lr					307-1	0.17
307	0.17	Lr					307-1	0.17
307	0.17	Lr					307-1	0.17
307	0.17	Lr					307-1	0.17
307	0.34	Lr					307-1	0.34
307	0.34	Lr					307-1	0.34
307	0.34	Lr					307-1	0.34
307	0.34	Lr					307-1	0.34
307	0.	Le					307-1	0.
307	0.	Le					307-1	0.
307	0.	Le					307-1	0.
307	0.	Le					307-1	0.
307	0.17	Le					307-1	0.17
307	0.17	Le					307-1	0.17
307	0.17	Le					307-1	0.17
307	0.17	Le					307-1	0.17
307	0.34	Le					307-1	0.34
307	0.34	Le					307-1	0.34
307	0.34	Le					307-1	0.34
307	0.34	Le					307-1	0.34
308	0.	DEAD					308-1	0.
308	0.	DEAD					308-1	0.
308	0.	DEAD					308-1	0.
308	0.	DEAD					308-1	0.
308	0.17	DEAD					308-1	0.17
308	0.17	DEAD					308-1	0.17
308	0.17	DEAD					308-1	0.17
308	0.17	DEAD					308-1	0.17
308	0.34	DEAD					308-1	0.34
308	0.34	DEAD					308-1	0.34
308	0.34	DEAD					308-1	0.34
308	0.34	DEAD					308-1	0.34
308	0.	Lr					308-1	0.
308	0.	Lr					308-1	0.
308	0.	Lr					308-1	0.
308	0.	Lr					308-1	0.
308	0.17	Lr					308-1	0.17
308	0.17	Lr					308-1	0.17
308	0.17	Lr					308-1	0.17
308	0.17	Lr					308-1	0.17
308	0.34	Lr					308-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
308	0.34	Lr					308-1	0.34
308	0.34	Lr					308-1	0.34
308	0.34	Lr					308-1	0.34
308	0.	Le					308-1	0.
308	0.	Le					308-1	0.
308	0.	Le					308-1	0.
308	0.	Le					308-1	0.
308	0.17	Le					308-1	0.17
308	0.17	Le					308-1	0.17
308	0.17	Le					308-1	0.17
308	0.17	Le					308-1	0.17
308	0.34	Le					308-1	0.34
308	0.34	Le					308-1	0.34
308	0.34	Le					308-1	0.34
308	0.34	Le					308-1	0.34
309	0.	DEAD					309-1	0.
309	0.	DEAD					309-1	0.
309	0.	DEAD					309-1	0.
309	0.	DEAD					309-1	0.
309	0.17	DEAD					309-1	0.17
309	0.17	DEAD					309-1	0.17
309	0.17	DEAD					309-1	0.17
309	0.17	DEAD					309-1	0.17
309	0.34	DEAD					309-1	0.34
309	0.34	DEAD					309-1	0.34
309	0.34	DEAD					309-1	0.34
309	0.34	DEAD					309-1	0.34
309	0.	Lr					309-1	0.
309	0.	Lr					309-1	0.
309	0.	Lr					309-1	0.
309	0.	Lr					309-1	0.
309	0.17	Lr					309-1	0.17
309	0.17	Lr					309-1	0.17
309	0.17	Lr					309-1	0.17
309	0.17	Lr					309-1	0.17
309	0.34	Lr					309-1	0.34
309	0.34	Lr					309-1	0.34
309	0.34	Lr					309-1	0.34
309	0.34	Lr					309-1	0.34
309	0.	Le					309-1	0.
309	0.	Le					309-1	0.
309	0.	Le					309-1	0.
309	0.	Le					309-1	0.
309	0.17	Le					309-1	0.17
309	0.17	Le					309-1	0.17
309	0.17	Le					309-1	0.17
309	0.17	Le					309-1	0.17
309	0.34	Le					309-1	0.34
309	0.34	Le					309-1	0.34
309	0.34	Le					309-1	0.34
309	0.34	Le					309-1	0.34
30A	0.	DEAD					30A-1	0.
30A	0.	DEAD					30A-1	0.
30A	0.	DEAD					30A-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30A	0.	DEAD					30A-1	0.
30A	0.17	DEAD					30A-1	0.17
30A	0.17	DEAD					30A-1	0.17
30A	0.17	DEAD					30A-1	0.17
30A	0.17	DEAD					30A-1	0.17
30A	0.34	DEAD					30A-1	0.34
30A	0.34	DEAD					30A-1	0.34
30A	0.34	DEAD					30A-1	0.34
30A	0.34	DEAD					30A-1	0.34
30A	0.	Lr					30A-1	0.
30A	0.	Lr					30A-1	0.
30A	0.	Lr					30A-1	0.
30A	0.	Lr					30A-1	0.
30A	0.17	Lr					30A-1	0.17
30A	0.17	Lr					30A-1	0.17
30A	0.17	Lr					30A-1	0.17
30A	0.17	Lr					30A-1	0.17
30A	0.34	Lr					30A-1	0.34
30A	0.34	Lr					30A-1	0.34
30A	0.34	Lr					30A-1	0.34
30A	0.34	Lr					30A-1	0.34
30A	0.	Le					30A-1	0.
30A	0.	Le					30A-1	0.
30A	0.	Le					30A-1	0.
30A	0.	Le					30A-1	0.
30A	0.17	Le					30A-1	0.17
30A	0.17	Le					30A-1	0.17
30A	0.17	Le					30A-1	0.17
30A	0.17	Le					30A-1	0.17
30A	0.34	Le					30A-1	0.34
30A	0.34	Le					30A-1	0.34
30A	0.34	Le					30A-1	0.34
30A	0.34	Le					30A-1	0.34
30B	0.	DEAD					30B-1	0.
30B	0.	DEAD					30B-1	0.
30B	0.	DEAD					30B-1	0.
30B	0.	DEAD					30B-1	0.
30B	0.17	DEAD					30B-1	0.17
30B	0.17	DEAD					30B-1	0.17
30B	0.17	DEAD					30B-1	0.17
30B	0.17	DEAD					30B-1	0.17
30B	0.34	DEAD					30B-1	0.34
30B	0.34	DEAD					30B-1	0.34
30B	0.34	DEAD					30B-1	0.34
30B	0.34	DEAD					30B-1	0.34
30B	0.	Lr					30B-1	0.
30B	0.	Lr					30B-1	0.
30B	0.	Lr					30B-1	0.
30B	0.	Lr					30B-1	0.
30B	0.17	Lr					30B-1	0.17
30B	0.17	Lr					30B-1	0.17
30B	0.17	Lr					30B-1	0.17
30B	0.17	Lr					30B-1	0.17
30B	0.34	Lr					30B-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30B	0.34	Lr					30B-1	0.34
30B	0.34	Lr					30B-1	0.34
30B	0.34	Lr					30B-1	0.34
30B	0.	Le					30B-1	0.
30B	0.	Le					30B-1	0.
30B	0.	Le					30B-1	0.
30B	0.	Le					30B-1	0.
30B	0.17	Le					30B-1	0.17
30B	0.17	Le					30B-1	0.17
30B	0.17	Le					30B-1	0.17
30B	0.17	Le					30B-1	0.17
30B	0.34	Le					30B-1	0.34
30B	0.34	Le					30B-1	0.34
30B	0.34	Le					30B-1	0.34
30B	0.34	Le					30B-1	0.34
30C	0.	DEAD					30C-1	0.
30C	0.	DEAD					30C-1	0.
30C	0.	DEAD					30C-1	0.
30C	0.	DEAD					30C-1	0.
30C	0.17	DEAD					30C-1	0.17
30C	0.17	DEAD					30C-1	0.17
30C	0.17	DEAD					30C-1	0.17
30C	0.17	DEAD					30C-1	0.17
30C	0.34	DEAD					30C-1	0.34
30C	0.34	DEAD					30C-1	0.34
30C	0.34	DEAD					30C-1	0.34
30C	0.34	DEAD					30C-1	0.34
30C	0.	Lr					30C-1	0.
30C	0.	Lr					30C-1	0.
30C	0.	Lr					30C-1	0.
30C	0.	Lr					30C-1	0.
30C	0.17	Lr					30C-1	0.17
30C	0.17	Lr					30C-1	0.17
30C	0.17	Lr					30C-1	0.17
30C	0.17	Lr					30C-1	0.17
30C	0.34	Lr					30C-1	0.34
30C	0.34	Lr					30C-1	0.34
30C	0.34	Lr					30C-1	0.34
30C	0.34	Lr					30C-1	0.34
30C	0.	Le					30C-1	0.
30C	0.	Le					30C-1	0.
30C	0.	Le					30C-1	0.
30C	0.	Le					30C-1	0.
30C	0.17	Le					30C-1	0.17
30C	0.17	Le					30C-1	0.17
30C	0.17	Le					30C-1	0.17
30C	0.17	Le					30C-1	0.17
30C	0.34	Le					30C-1	0.34
30C	0.34	Le					30C-1	0.34
30C	0.34	Le					30C-1	0.34
30C	0.34	Le					30C-1	0.34
30D	0.	DEAD	No	No	No	No	30D-1	0.
30D	0.	DEAD	No	No	No	No	30D-1	0.
30D	0.	DEAD	No	No	No	No	30D-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30D	0.	DEAD	No	No	No	No	30D-1	0.
30D	0.	DEAD	No	No	Yes	No	30D-1	0.
30D	0.	DEAD	No	Yes	No	Yes	30D-1	0.
30D	0.	DEAD	No	No	No	No	30D-1	0.
30D	0.	DEAD	No	No	No	No	30D-1	0.
30D	0.	DEAD	Yes	No	No	No	30D-1	0.
30D	0.26249	DEAD	No	No	No	No	30D-1	0.26249
30D	0.26249	DEAD	No	No	Yes	No	30D-1	0.26249
30D	0.26249	DEAD	No	No	No	No	30D-1	0.26249
30D	0.26249	DEAD	No	No	No	No	30D-1	0.26249
30D	0.26249	DEAD	No	No	No	No	30D-1	0.26249
30D	0.26249	DEAD	No	No	No	No	30D-1	0.26249
30D	0.26249	DEAD	No	No	No	No	30D-1	0.26249
30D	0.26249	DEAD	Yes	Yes	No	Yes	30D-1	0.26249
30D	0.52498	DEAD	No	No	No	No	30D-1	0.52498
30D	0.52498	DEAD	No	No	Yes	No	30D-1	0.52498
30D	0.52498	DEAD	No	No	No	No	30D-1	0.52498
30D	0.52498	DEAD	No	No	No	No	30D-1	0.52498
30D	0.52498	DEAD	No	No	No	No	30D-1	0.52498
30D	0.52498	DEAD	No	No	No	No	30D-1	0.52498
30D	0.52498	DEAD	No	Yes	No	Yes	30D-1	0.52498
30D	0.52498	DEAD	No	No	No	No	30D-1	0.52498
30D	0.52498	DEAD	Yes	No	No	No	30D-1	0.52498
30D	0.	Lr	No	No	No	No	30D-1	0.
30D	0.	Lr	No	No	Yes	No	30D-1	0.
30D	0.	Lr	No	No	No	No	30D-1	0.
30D	0.	Lr	No	No	No	No	30D-1	0.
30D	0.	Lr	No	No	No	No	30D-1	0.
30D	0.	Lr	No	Yes	No	Yes	30D-1	0.
30D	0.	Lr	No	No	No	No	30D-1	0.
30D	0.	Lr	No	No	No	No	30D-1	0.
30D	0.	Lr	Yes	No	No	No	30D-1	0.
30D	0.26249	Lr	No	No	No	No	30D-1	0.26249
30D	0.26249	Lr	No	No	Yes	No	30D-1	0.26249
30D	0.26249	Lr	No	No	No	No	30D-1	0.26249
30D	0.26249	Lr	No	No	No	No	30D-1	0.26249
30D	0.26249	Lr	No	No	No	No	30D-1	0.26249
30D	0.26249	Lr	No	No	No	No	30D-1	0.26249
30D	0.26249	Lr	No	No	No	No	30D-1	0.26249
30D	0.26249	Lr	No	No	No	No	30D-1	0.26249
30D	0.26249	Lr	Yes	Yes	No	Yes	30D-1	0.26249
30D	0.52498	Lr	No	No	No	No	30D-1	0.52498
30D	0.52498	Lr	No	No	No	No	30D-1	0.52498
30D	0.52498	Lr	No	No	No	No	30D-1	0.52498
30D	0.52498	Lr	No	No	No	No	30D-1	0.52498
30D	0.52498	Lr	No	No	Yes	No	30D-1	0.52498
30D	0.52498	Lr	No	No	No	No	30D-1	0.52498
30D	0.52498	Lr	No	Yes	No	Yes	30D-1	0.52498
30D	0.52498	Lr	No	No	No	No	30D-1	0.52498
30D	0.52498	Lr	Yes	No	No	No	30D-1	0.52498
30D	0.	Le	No	No	No	No	30D-1	0.
30D	0.	Le	No	No	Yes	No	30D-1	0.
30D	0.	Le	No	No	No	No	30D-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30D	0.	Le	No	No	No	No	30D-1	0.
30D	0.	Le	No	No	No	No	30D-1	0.
30D	0.	Le	No	Yes	No	Yes	30D-1	0.
30D	0.	Le	No	No	No	No	30D-1	0.
30D	0.	Le	No	No	No	No	30D-1	0.
30D	0.	Le	Yes	No	No	No	30D-1	0.
30D	0.26249	Le	No	No	No	No	30D-1	0.26249
30D	0.26249	Le	No	No	Yes	No	30D-1	0.26249
30D	0.26249	Le	No	No	No	No	30D-1	0.26249
30D	0.26249	Le	No	No	No	No	30D-1	0.26249
30D	0.26249	Le	No	No	No	No	30D-1	0.26249
30D	0.26249	Le	No	No	No	No	30D-1	0.26249
30D	0.26249	Le	No	No	No	No	30D-1	0.26249
30D	0.26249	Le	No	No	No	No	30D-1	0.26249
30D	0.26249	Le	Yes	Yes	No	Yes	30D-1	0.26249
30D	0.52498	Le	No	No	No	No	30D-1	0.52498
30D	0.52498	Le	No	No	No	No	30D-1	0.52498
30D	0.52498	Le	No	No	No	No	30D-1	0.52498
30D	0.52498	Le	No	No	No	No	30D-1	0.52498
30D	0.52498	Le	No	No	Yes	No	30D-1	0.52498
30D	0.52498	Le	No	No	No	No	30D-1	0.52498
30D	0.52498	Le	No	Yes	No	Yes	30D-1	0.52498
30D	0.52498	Le	No	No	No	No	30D-1	0.52498
30D	0.52498	Le	Yes	No	No	No	30D-1	0.52498
30E	0.	DEAD	No	No	No	No	30E-1	0.
30E	0.	DEAD	No	No	No	Yes	30E-1	0.
30E	0.	DEAD	No	No	No	No	30E-1	0.
30E	0.	DEAD	No	Yes	No	No	30E-1	0.
30E	0.	DEAD	No	No	No	No	30E-1	0.
30E	0.	DEAD	No	No	No	No	30E-1	0.
30E	0.	DEAD	No	No	No	No	30E-1	0.
30E	0.	DEAD	No	No	No	No	30E-1	0.
30E	0.	DEAD	Yes	No	Yes	No	30E-1	0.
30E	0.26249	DEAD	No	Yes	No	No	30E-1	0.26249
30E	0.26249	DEAD	No	No	No	Yes	30E-1	0.26249
30E	0.26249	DEAD	No	No	No	No	30E-1	0.26249
30E	0.26249	DEAD	No	No	No	No	30E-1	0.26249
30E	0.26249	DEAD	No	No	No	No	30E-1	0.26249
30E	0.26249	DEAD	No	No	No	No	30E-1	0.26249
30E	0.26249	DEAD	No	No	No	No	30E-1	0.26249
30E	0.26249	DEAD	No	No	No	No	30E-1	0.26249
30E	0.26249	DEAD	Yes	No	Yes	No	30E-1	0.26249
30E	0.52498	DEAD	No	No	No	No	30E-1	0.52498
30E	0.52498	DEAD	No	No	No	Yes	30E-1	0.52498
30E	0.52498	DEAD	No	No	No	No	30E-1	0.52498
30E	0.52498	DEAD	No	No	No	No	30E-1	0.52498
30E	0.52498	DEAD	No	Yes	No	No	30E-1	0.52498
30E	0.52498	DEAD	No	No	No	No	30E-1	0.52498
30E	0.52498	DEAD	No	No	No	No	30E-1	0.52498
30E	0.52498	DEAD	No	No	No	No	30E-1	0.52498
30E	0.52498	DEAD	Yes	No	Yes	No	30E-1	0.52498
30E	0.	Lr	No	Yes	No	No	30E-1	0.
30E	0.	Lr	No	No	No	Yes	30E-1	0.
30E	0.	Lr	No	No	No	No	30E-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30E	0.	Lr	No	No	No	No	30E-1	0.
30E	0.	Lr	No	No	No	No	30E-1	0.
30E	0.	Lr	No	No	No	No	30E-1	0.
30E	0.	Lr	No	No	No	No	30E-1	0.
30E	0.	Lr	No	No	No	No	30E-1	0.
30E	0.	Lr	Yes	No	Yes	No	30E-1	0.
30E	0.26249	Lr	No	Yes	No	No	30E-1	0.26249
30E	0.26249	Lr	No	No	No	Yes	30E-1	0.26249
30E	0.26249	Lr	No	No	No	No	30E-1	0.26249
30E	0.26249	Lr	No	No	No	No	30E-1	0.26249
30E	0.26249	Lr	No	No	No	No	30E-1	0.26249
30E	0.26249	Lr	No	No	No	No	30E-1	0.26249
30E	0.26249	Lr	No	No	No	No	30E-1	0.26249
30E	0.26249	Lr	No	No	No	No	30E-1	0.26249
30E	0.26249	Lr	Yes	No	Yes	No	30E-1	0.26249
30E	0.52498	Lr	No	Yes	No	No	30E-1	0.52498
30E	0.52498	Lr	No	No	No	Yes	30E-1	0.52498
30E	0.52498	Lr	No	No	No	No	30E-1	0.52498
30E	0.52498	Lr	No	No	No	No	30E-1	0.52498
30E	0.52498	Lr	No	No	No	No	30E-1	0.52498
30E	0.52498	Lr	No	No	No	No	30E-1	0.52498
30E	0.52498	Lr	No	No	No	No	30E-1	0.52498
30E	0.52498	Lr	No	No	No	No	30E-1	0.52498
30E	0.52498	Lr	Yes	No	Yes	No	30E-1	0.52498
30E	0.	Le	No	Yes	No	No	30E-1	0.
30E	0.	Le	No	No	No	Yes	30E-1	0.
30E	0.	Le	No	No	No	No	30E-1	0.
30E	0.	Le	No	No	No	No	30E-1	0.
30E	0.	Le	No	No	No	No	30E-1	0.
30E	0.	Le	No	No	No	No	30E-1	0.
30E	0.	Le	No	No	No	No	30E-1	0.
30E	0.	Le	No	No	No	No	30E-1	0.
30E	0.	Le	Yes	No	Yes	No	30E-1	0.
30E	0.26249	Le	No	Yes	No	No	30E-1	0.26249
30E	0.26249	Le	No	No	No	Yes	30E-1	0.26249
30E	0.26249	Le	No	No	No	No	30E-1	0.26249
30E	0.26249	Le	No	No	No	No	30E-1	0.26249
30E	0.26249	Le	No	No	No	No	30E-1	0.26249
30E	0.26249	Le	No	No	No	No	30E-1	0.26249
30E	0.26249	Le	No	No	No	No	30E-1	0.26249
30E	0.26249	Le	No	No	No	No	30E-1	0.26249
30E	0.26249	Le	Yes	No	Yes	No	30E-1	0.26249
30E	0.52498	Le	No	Yes	No	No	30E-1	0.52498
30E	0.52498	Le	No	No	No	Yes	30E-1	0.52498
30E	0.52498	Le	No	No	No	No	30E-1	0.52498
30E	0.52498	Le	No	No	No	No	30E-1	0.52498
30E	0.52498	Le	No	No	No	No	30E-1	0.52498
30E	0.52498	Le	No	No	No	No	30E-1	0.52498
30E	0.52498	Le	No	No	No	No	30E-1	0.52498
30E	0.52498	Le	No	No	No	No	30E-1	0.52498
30E	0.52498	Le	Yes	No	Yes	No	30E-1	0.52498
30F	0.	DEAD	No	No	No	No	30F-1	0.
30F	0.	DEAD	No	No	No	No	30F-1	0.
30F	0.	DEAD	No	No	No	No	30F-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30F	0.	DEAD	No	No	No	No	30F-1	0.
30F	0.	DEAD	No	No	Yes	No	30F-1	0.
30F	0.	DEAD	No	No	No	No	30F-1	0.
30F	0.	DEAD	No	No	No	No	30F-1	0.
30F	0.	DEAD	No	Yes	No	Yes	30F-1	0.
30F	0.	DEAD	Yes	No	No	No	30F-1	0.
30F	0.26249	DEAD	No	No	No	No	30F-1	0.26249
30F	0.26249	DEAD	No	No	Yes	No	30F-1	0.26249
30F	0.26249	DEAD	No	No	No	No	30F-1	0.26249
30F	0.26249	DEAD	No	No	No	No	30F-1	0.26249
30F	0.26249	DEAD	No	No	No	No	30F-1	0.26249
30F	0.26249	DEAD	No	No	No	No	30F-1	0.26249
30F	0.26249	DEAD	No	No	No	No	30F-1	0.26249
30F	0.26249	DEAD	Yes	Yes	No	Yes	30F-1	0.26249
30F	0.52498	DEAD	No	No	No	No	30F-1	0.52498
30F	0.52498	DEAD	No	No	No	No	30F-1	0.52498
30F	0.52498	DEAD	No	No	No	No	30F-1	0.52498
30F	0.52498	DEAD	No	No	No	No	30F-1	0.52498
30F	0.52498	DEAD	No	No	No	No	30F-1	0.52498
30F	0.52498	DEAD	No	No	Yes	No	30F-1	0.52498
30F	0.52498	DEAD	No	Yes	No	Yes	30F-1	0.52498
30F	0.52498	DEAD	No	No	No	No	30F-1	0.52498
30F	0.52498	DEAD	Yes	No	No	No	30F-1	0.52498
30F	0.	Lr	No	No	No	No	30F-1	0.
30F	0.	Lr	No	No	Yes	No	30F-1	0.
30F	0.	Lr	No	No	No	No	30F-1	0.
30F	0.	Lr	No	No	No	No	30F-1	0.
30F	0.	Lr	No	No	No	No	30F-1	0.
30F	0.	Lr	No	No	No	No	30F-1	0.
30F	0.	Lr	No	No	No	No	30F-1	0.
30F	0.	Lr	No	Yes	No	Yes	30F-1	0.
30F	0.	Lr	Yes	No	No	No	30F-1	0.
30F	0.26249	Lr	No	No	No	No	30F-1	0.26249
30F	0.26249	Lr	No	No	Yes	No	30F-1	0.26249
30F	0.26249	Lr	No	No	No	No	30F-1	0.26249
30F	0.26249	Lr	No	No	No	No	30F-1	0.26249
30F	0.26249	Lr	No	No	No	No	30F-1	0.26249
30F	0.26249	Lr	No	No	No	No	30F-1	0.26249
30F	0.26249	Lr	No	No	No	No	30F-1	0.26249
30F	0.26249	Lr	No	No	No	No	30F-1	0.26249
30F	0.26249	Lr	Yes	Yes	No	Yes	30F-1	0.26249
30F	0.52498	Lr	No	No	No	No	30F-1	0.52498
30F	0.52498	Lr	No	No	Yes	No	30F-1	0.52498
30F	0.52498	Lr	No	No	No	No	30F-1	0.52498
30F	0.52498	Lr	No	No	No	No	30F-1	0.52498
30F	0.52498	Lr	No	No	No	No	30F-1	0.52498
30F	0.52498	Lr	No	No	No	No	30F-1	0.52498
30F	0.52498	Lr	No	Yes	No	Yes	30F-1	0.52498
30F	0.52498	Lr	No	No	No	No	30F-1	0.52498
30F	0.52498	Lr	Yes	No	No	No	30F-1	0.52498
30F	0.	Le	No	No	No	No	30F-1	0.
30F	0.	Le	No	No	Yes	No	30F-1	0.
30F	0.	Le	No	No	No	No	30F-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
30F	0.	Le	No	No	No	No	30F-1	0.
30F	0.	Le	No	No	No	No	30F-1	0.
30F	0.	Le	No	No	No	No	30F-1	0.
30F	0.	Le	No	No	No	No	30F-1	0.
30F	0.	Le	No	Yes	No	Yes	30F-1	0.
30F	0.	Le	Yes	No	No	No	30F-1	0.
30F	0.26249	Le	No	No	No	No	30F-1	0.26249
30F	0.26249	Le	No	No	Yes	No	30F-1	0.26249
30F	0.26249	Le	No	No	No	No	30F-1	0.26249
30F	0.26249	Le	No	No	No	No	30F-1	0.26249
30F	0.26249	Le	No	No	No	No	30F-1	0.26249
30F	0.26249	Le	No	No	No	No	30F-1	0.26249
30F	0.26249	Le	No	No	No	No	30F-1	0.26249
30F	0.26249	Le	No	No	No	No	30F-1	0.26249
30F	0.26249	Le	Yes	Yes	No	Yes	30F-1	0.26249
30F	0.52498	Le	No	No	No	No	30F-1	0.52498
30F	0.52498	Le	No	No	Yes	No	30F-1	0.52498
30F	0.52498	Le	No	No	No	No	30F-1	0.52498
30F	0.52498	Le	No	No	No	No	30F-1	0.52498
30F	0.52498	Le	No	No	No	No	30F-1	0.52498
30F	0.52498	Le	No	No	No	No	30F-1	0.52498
30F	0.52498	Le	No	Yes	No	Yes	30F-1	0.52498
30F	0.52498	Le	No	No	No	No	30F-1	0.52498
30F	0.52498	Le	Yes	No	No	No	30F-1	0.52498
310	0.	DEAD	No	No	No	No	310-1	0.
310	0.	DEAD	Yes	No	No	Yes	310-1	0.
310	0.	DEAD	No	No	No	No	310-1	0.
310	0.	DEAD	No	No	No	No	310-1	0.
310	0.	DEAD	No	No	No	No	310-1	0.
310	0.	DEAD	No	No	No	No	310-1	0.
310	0.	DEAD	No	No	No	No	310-1	0.
310	0.	DEAD	No	No	No	No	310-1	0.
310	0.	DEAD	No	Yes	Yes	No	310-1	0.
310	0.26249	DEAD	No	Yes	No	No	310-1	0.26249
310	0.26249	DEAD	Yes	No	No	Yes	310-1	0.26249
310	0.26249	DEAD	No	No	No	No	310-1	0.26249
310	0.26249	DEAD	No	No	No	No	310-1	0.26249
310	0.26249	DEAD	No	No	No	No	310-1	0.26249
310	0.26249	DEAD	No	No	No	No	310-1	0.26249
310	0.26249	DEAD	No	No	No	No	310-1	0.26249
310	0.26249	DEAD	No	No	No	No	310-1	0.26249
310	0.26249	DEAD	No	No	Yes	No	310-1	0.26249
310	0.52498	DEAD	No	No	No	No	310-1	0.52498
310	0.52498	DEAD	Yes	No	No	Yes	310-1	0.52498
310	0.52498	DEAD	No	No	No	No	310-1	0.52498
310	0.52498	DEAD	No	No	No	No	310-1	0.52498
310	0.52498	DEAD	No	No	No	No	310-1	0.52498
310	0.52498	DEAD	No	No	No	No	310-1	0.52498
310	0.52498	DEAD	No	No	No	No	310-1	0.52498
310	0.52498	DEAD	No	Yes	No	No	310-1	0.52498
310	0.52498	DEAD	No	No	Yes	No	310-1	0.52498
310	0.	Lr	No	Yes	No	No	310-1	0.
310	0.	Lr	Yes	No	No	Yes	310-1	0.
310	0.	Lr	No	No	No	No	310-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
310	0.	Lr	No	No	No	No	310-1	0.
310	0.	Lr	No	No	No	No	310-1	0.
310	0.	Lr	No	No	No	No	310-1	0.
310	0.	Lr	No	No	No	No	310-1	0.
310	0.	Lr	No	No	No	No	310-1	0.
310	0.	Lr	No	No	Yes	No	310-1	0.
310	0.26249	Lr	No	Yes	No	No	310-1	0.26249
310	0.26249	Lr	Yes	No	No	Yes	310-1	0.26249
310	0.26249	Lr	No	No	No	No	310-1	0.26249
310	0.26249	Lr	No	No	No	No	310-1	0.26249
310	0.26249	Lr	No	No	No	No	310-1	0.26249
310	0.26249	Lr	No	No	No	No	310-1	0.26249
310	0.26249	Lr	No	No	No	No	310-1	0.26249
310	0.26249	Lr	No	No	No	No	310-1	0.26249
310	0.26249	Lr	No	No	Yes	No	310-1	0.26249
310	0.52498	Lr	No	Yes	No	No	310-1	0.52498
310	0.52498	Lr	Yes	No	No	Yes	310-1	0.52498
310	0.52498	Lr	No	No	No	No	310-1	0.52498
310	0.52498	Lr	No	No	No	No	310-1	0.52498
310	0.52498	Lr	No	No	No	No	310-1	0.52498
310	0.52498	Lr	No	No	No	No	310-1	0.52498
310	0.52498	Lr	No	No	No	No	310-1	0.52498
310	0.52498	Lr	No	No	No	No	310-1	0.52498
310	0.52498	Lr	No	No	Yes	No	310-1	0.52498
310	0.	Le	No	Yes	No	No	310-1	0.
310	0.	Le	Yes	No	No	Yes	310-1	0.
310	0.	Le	No	No	No	No	310-1	0.
310	0.	Le	No	No	No	No	310-1	0.
310	0.	Le	No	No	No	No	310-1	0.
310	0.	Le	No	No	No	No	310-1	0.
310	0.	Le	No	No	No	No	310-1	0.
310	0.	Le	No	No	No	No	310-1	0.
310	0.	Le	No	No	Yes	No	310-1	0.
310	0.26249	Le	No	Yes	No	No	310-1	0.26249
310	0.26249	Le	Yes	No	No	Yes	310-1	0.26249
310	0.26249	Le	No	No	No	No	310-1	0.26249
310	0.26249	Le	No	No	No	No	310-1	0.26249
310	0.26249	Le	No	No	No	No	310-1	0.26249
310	0.26249	Le	No	No	No	No	310-1	0.26249
310	0.26249	Le	No	No	No	No	310-1	0.26249
310	0.26249	Le	No	No	No	No	310-1	0.26249
310	0.26249	Le	No	No	Yes	No	310-1	0.26249
310	0.52498	Le	No	Yes	No	No	310-1	0.52498
310	0.52498	Le	Yes	No	No	Yes	310-1	0.52498
310	0.52498	Le	No	No	No	No	310-1	0.52498
310	0.52498	Le	No	No	No	No	310-1	0.52498
310	0.52498	Le	No	No	No	No	310-1	0.52498
310	0.52498	Le	No	No	No	No	310-1	0.52498
310	0.52498	Le	No	No	No	No	310-1	0.52498
310	0.52498	Le	No	No	No	No	310-1	0.52498
310	0.52498	Le	No	No	Yes	No	310-1	0.52498
311	0.	DEAD	No	No	No	No	311-1	0.
311	0.	DEAD	No	No	No	No	311-1	0.
311	0.	DEAD	No	No	No	No	311-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
311	0.	DEAD	No	No	No	No	311-1	0.
311	0.	DEAD	No	No	Yes	No	311-1	0.
311	0.	DEAD	No	No	No	No	311-1	0.
311	0.	DEAD	Yes	No	No	No	311-1	0.
311	0.	DEAD	No	No	No	No	311-1	0.
311	0.	DEAD	No	Yes	No	Yes	311-1	0.
311	0.26249	DEAD	No	No	No	No	311-1	0.26249
311	0.26249	DEAD	No	No	Yes	No	311-1	0.26249
311	0.26249	DEAD	No	No	No	No	311-1	0.26249
311	0.26249	DEAD	No	No	No	No	311-1	0.26249
311	0.26249	DEAD	No	No	No	No	311-1	0.26249
311	0.26249	DEAD	No	No	No	No	311-1	0.26249
311	0.26249	DEAD	Yes	No	No	No	311-1	0.26249
311	0.26249	DEAD	No	No	No	No	311-1	0.26249
311	0.26249	DEAD	No	Yes	No	Yes	311-1	0.26249
311	0.52498	DEAD	No	No	No	No	311-1	0.52498
311	0.52498	DEAD	No	No	No	No	311-1	0.52498
311	0.52498	DEAD	No	No	No	No	311-1	0.52498
311	0.52498	DEAD	No	No	No	No	311-1	0.52498
311	0.52498	DEAD	No	No	No	No	311-1	0.52498
311	0.52498	DEAD	No	No	Yes	No	311-1	0.52498
311	0.52498	DEAD	Yes	No	No	No	311-1	0.52498
311	0.52498	DEAD	No	No	No	No	311-1	0.52498
311	0.52498	DEAD	No	Yes	No	Yes	311-1	0.52498
311	0.	Lr	No	No	No	No	311-1	0.
311	0.	Lr	No	No	Yes	No	311-1	0.
311	0.	Lr	No	No	No	No	311-1	0.
311	0.	Lr	No	No	No	No	311-1	0.
311	0.	Lr	No	No	No	No	311-1	0.
311	0.	Lr	No	No	No	No	311-1	0.
311	0.	Lr	Yes	No	No	No	311-1	0.
311	0.	Lr	No	No	No	No	311-1	0.
311	0.	Lr	No	Yes	No	Yes	311-1	0.
311	0.26249	Lr	No	No	No	No	311-1	0.26249
311	0.26249	Lr	No	No	Yes	No	311-1	0.26249
311	0.26249	Lr	No	No	No	No	311-1	0.26249
311	0.26249	Lr	No	No	No	No	311-1	0.26249
311	0.26249	Lr	No	No	No	No	311-1	0.26249
311	0.26249	Lr	No	No	No	No	311-1	0.26249
311	0.26249	Lr	Yes	No	No	No	311-1	0.26249
311	0.26249	Lr	No	No	No	No	311-1	0.26249
311	0.26249	Lr	No	Yes	No	Yes	311-1	0.26249
311	0.52498	Lr	No	No	No	No	311-1	0.52498
311	0.52498	Lr	No	No	Yes	No	311-1	0.52498
311	0.52498	Lr	No	No	No	No	311-1	0.52498
311	0.52498	Lr	No	No	No	No	311-1	0.52498
311	0.52498	Lr	No	No	No	No	311-1	0.52498
311	0.52498	Lr	No	No	No	No	311-1	0.52498
311	0.52498	Lr	Yes	No	No	No	311-1	0.52498
311	0.52498	Lr	No	No	No	No	311-1	0.52498
311	0.52498	Lr	No	Yes	No	Yes	311-1	0.52498
311	0.	Le	No	No	No	No	311-1	0.
311	0.	Le	No	No	Yes	No	311-1	0.
311	0.	Le	No	No	No	No	311-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
311	0.	Le	No	No	No	No	311-1	0.
311	0.	Le	No	No	No	No	311-1	0.
311	0.	Le	No	No	No	No	311-1	0.
311	0.	Le	Yes	No	No	No	311-1	0.
311	0.	Le	No	No	No	No	311-1	0.
311	0.	Le	No	Yes	No	Yes	311-1	0.
311	0.26249	Le	No	No	No	No	311-1	0.26249
311	0.26249	Le	No	No	Yes	No	311-1	0.26249
311	0.26249	Le	No	No	No	No	311-1	0.26249
311	0.26249	Le	No	No	No	No	311-1	0.26249
311	0.26249	Le	No	No	No	No	311-1	0.26249
311	0.26249	Le	No	No	No	No	311-1	0.26249
311	0.26249	Le	Yes	No	No	No	311-1	0.26249
311	0.26249	Le	No	No	No	No	311-1	0.26249
311	0.26249	Le	No	Yes	No	Yes	311-1	0.26249
311	0.52498	Le	No	No	No	No	311-1	0.52498
311	0.52498	Le	No	No	Yes	No	311-1	0.52498
311	0.52498	Le	No	No	No	No	311-1	0.52498
311	0.52498	Le	No	No	No	No	311-1	0.52498
311	0.52498	Le	No	No	No	No	311-1	0.52498
311	0.52498	Le	No	No	No	No	311-1	0.52498
311	0.52498	Le	Yes	No	No	No	311-1	0.52498
311	0.52498	Le	No	No	No	No	311-1	0.52498
311	0.52498	Le	No	Yes	No	Yes	311-1	0.52498
312	0.	DEAD	No	No	No	No	312-1	0.
312	0.	DEAD	Yes	No	No	Yes	312-1	0.
312	0.	DEAD	No	No	No	No	312-1	0.
312	0.	DEAD	No	No	No	No	312-1	0.
312	0.	DEAD	No	No	No	No	312-1	0.
312	0.	DEAD	No	No	No	No	312-1	0.
312	0.	DEAD	No	Yes	No	No	312-1	0.
312	0.	DEAD	No	No	No	No	312-1	0.
312	0.	DEAD	No	No	Yes	No	312-1	0.
312	0.26249	DEAD	No	Yes	No	No	312-1	0.26249
312	0.26249	DEAD	Yes	No	No	Yes	312-1	0.26249
312	0.26249	DEAD	No	No	No	No	312-1	0.26249
312	0.26249	DEAD	No	No	No	No	312-1	0.26249
312	0.26249	DEAD	No	No	No	No	312-1	0.26249
312	0.26249	DEAD	No	No	No	No	312-1	0.26249
312	0.26249	DEAD	No	No	No	No	312-1	0.26249
312	0.26249	DEAD	No	No	No	No	312-1	0.26249
312	0.26249	DEAD	No	No	Yes	No	312-1	0.26249
312	0.52498	DEAD	No	No	No	No	312-1	0.52498
312	0.52498	DEAD	Yes	No	No	Yes	312-1	0.52498
312	0.52498	DEAD	No	No	No	No	312-1	0.52498
312	0.52498	DEAD	No	No	No	No	312-1	0.52498
312	0.52498	DEAD	No	No	No	No	312-1	0.52498
312	0.52498	DEAD	No	No	No	No	312-1	0.52498
312	0.52498	DEAD	No	No	No	No	312-1	0.52498
312	0.52498	DEAD	No	Yes	No	No	312-1	0.52498
312	0.52498	DEAD	No	No	Yes	No	312-1	0.52498
312	0.	Lr	No	Yes	No	No	312-1	0.
312	0.	Lr	Yes	No	No	Yes	312-1	0.
312	0.	Lr	No	No	No	No	312-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
312	0.	Lr	No	No	No	No	312-1	0.
312	0.	Lr	No	No	No	No	312-1	0.
312	0.	Lr	No	No	No	No	312-1	0.
312	0.	Lr	No	No	No	No	312-1	0.
312	0.	Lr	No	No	No	No	312-1	0.
312	0.	Lr	No	No	Yes	No	312-1	0.
312	0.26249	Lr	No	Yes	No	No	312-1	0.26249
312	0.26249	Lr	Yes	No	No	Yes	312-1	0.26249
312	0.26249	Lr	No	No	No	No	312-1	0.26249
312	0.26249	Lr	No	No	No	No	312-1	0.26249
312	0.26249	Lr	No	No	No	No	312-1	0.26249
312	0.26249	Lr	No	No	No	No	312-1	0.26249
312	0.26249	Lr	No	No	No	No	312-1	0.26249
312	0.26249	Lr	No	No	No	No	312-1	0.26249
312	0.26249	Lr	No	No	Yes	No	312-1	0.26249
312	0.52498	Lr	No	Yes	No	No	312-1	0.52498
312	0.52498	Lr	Yes	No	No	Yes	312-1	0.52498
312	0.52498	Lr	No	No	No	No	312-1	0.52498
312	0.52498	Lr	No	No	No	No	312-1	0.52498
312	0.52498	Lr	No	No	No	No	312-1	0.52498
312	0.52498	Lr	No	No	No	No	312-1	0.52498
312	0.52498	Lr	No	No	No	No	312-1	0.52498
312	0.52498	Lr	No	No	No	No	312-1	0.52498
312	0.52498	Lr	No	No	Yes	No	312-1	0.52498
312	0.	Le	No	Yes	No	No	312-1	0.
312	0.	Le	Yes	No	No	Yes	312-1	0.
312	0.	Le	No	No	No	No	312-1	0.
312	0.	Le	No	No	No	No	312-1	0.
312	0.	Le	No	No	No	No	312-1	0.
312	0.	Le	No	No	No	No	312-1	0.
312	0.	Le	No	No	No	No	312-1	0.
312	0.	Le	No	No	No	No	312-1	0.
312	0.	Le	No	No	Yes	No	312-1	0.
312	0.26249	Le	No	Yes	No	No	312-1	0.26249
312	0.26249	Le	Yes	No	No	Yes	312-1	0.26249
312	0.26249	Le	No	No	No	No	312-1	0.26249
312	0.26249	Le	No	No	No	No	312-1	0.26249
312	0.26249	Le	No	No	No	No	312-1	0.26249
312	0.26249	Le	No	No	No	No	312-1	0.26249
312	0.26249	Le	No	No	No	No	312-1	0.26249
312	0.26249	Le	No	No	No	No	312-1	0.26249
312	0.26249	Le	No	No	Yes	No	312-1	0.26249
312	0.52498	Le	No	Yes	No	No	312-1	0.52498
312	0.52498	Le	Yes	No	No	Yes	312-1	0.52498
312	0.52498	Le	No	No	No	No	312-1	0.52498
312	0.52498	Le	No	No	No	No	312-1	0.52498
312	0.52498	Le	No	No	No	No	312-1	0.52498
312	0.52498	Le	No	No	No	No	312-1	0.52498
312	0.52498	Le	No	No	No	No	312-1	0.52498
312	0.52498	Le	No	No	No	No	312-1	0.52498
312	0.52498	Le	No	No	Yes	No	312-1	0.52498
343	0.	DEAD					343-1	0.
343	0.	DEAD					343-1	0.
343	0.	DEAD					343-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
343	0.	DEAD					343-1	0.
343	0.17	DEAD					343-1	0.17
343	0.17	DEAD					343-1	0.17
343	0.17	DEAD					343-1	0.17
343	0.17	DEAD					343-1	0.17
343	0.34	DEAD					343-1	0.34
343	0.34	DEAD					343-1	0.34
343	0.34	DEAD					343-1	0.34
343	0.34	DEAD					343-1	0.34
343	0.	Lr					343-1	0.
343	0.	Lr					343-1	0.
343	0.	Lr					343-1	0.
343	0.	Lr					343-1	0.
343	0.17	Lr					343-1	0.17
343	0.17	Lr					343-1	0.17
343	0.17	Lr					343-1	0.17
343	0.17	Lr					343-1	0.17
343	0.34	Lr					343-1	0.34
343	0.34	Lr					343-1	0.34
343	0.34	Lr					343-1	0.34
343	0.34	Lr					343-1	0.34
343	0.	Le					343-1	0.
343	0.	Le					343-1	0.
343	0.	Le					343-1	0.
343	0.	Le					343-1	0.
343	0.17	Le					343-1	0.17
343	0.17	Le					343-1	0.17
343	0.17	Le					343-1	0.17
343	0.17	Le					343-1	0.17
343	0.34	Le					343-1	0.34
343	0.34	Le					343-1	0.34
343	0.34	Le					343-1	0.34
343	0.34	Le					343-1	0.34
344	0.	DEAD					344-1	0.
344	0.	DEAD					344-1	0.
344	0.	DEAD					344-1	0.
344	0.	DEAD					344-1	0.
344	0.17	DEAD					344-1	0.17
344	0.17	DEAD					344-1	0.17
344	0.17	DEAD					344-1	0.17
344	0.17	DEAD					344-1	0.17
344	0.34	DEAD					344-1	0.34
344	0.34	DEAD					344-1	0.34
344	0.34	DEAD					344-1	0.34
344	0.34	DEAD					344-1	0.34
344	0.	Lr					344-1	0.
344	0.	Lr					344-1	0.
344	0.	Lr					344-1	0.
344	0.	Lr					344-1	0.
344	0.17	Lr					344-1	0.17
344	0.17	Lr					344-1	0.17
344	0.17	Lr					344-1	0.17
344	0.17	Lr					344-1	0.17
344	0.34	Lr					344-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
344	0.34	Lr					344-1	0.34
344	0.34	Lr					344-1	0.34
344	0.34	Lr					344-1	0.34
344	0.	Le					344-1	0.
344	0.	Le					344-1	0.
344	0.	Le					344-1	0.
344	0.	Le					344-1	0.
344	0.17	Le					344-1	0.17
344	0.17	Le					344-1	0.17
344	0.17	Le					344-1	0.17
344	0.17	Le					344-1	0.17
344	0.34	Le					344-1	0.34
344	0.34	Le					344-1	0.34
344	0.34	Le					344-1	0.34
344	0.34	Le					344-1	0.34
345	0.	DEAD					345-1	0.
345	0.	DEAD					345-1	0.
345	0.	DEAD					345-1	0.
345	0.	DEAD					345-1	0.
345	0.17	DEAD					345-1	0.17
345	0.17	DEAD					345-1	0.17
345	0.17	DEAD					345-1	0.17
345	0.17	DEAD					345-1	0.17
345	0.34	DEAD					345-1	0.34
345	0.34	DEAD					345-1	0.34
345	0.34	DEAD					345-1	0.34
345	0.34	DEAD					345-1	0.34
345	0.	Lr					345-1	0.
345	0.	Lr					345-1	0.
345	0.	Lr					345-1	0.
345	0.	Lr					345-1	0.
345	0.17	Lr					345-1	0.17
345	0.17	Lr					345-1	0.17
345	0.17	Lr					345-1	0.17
345	0.17	Lr					345-1	0.17
345	0.34	Lr					345-1	0.34
345	0.34	Lr					345-1	0.34
345	0.34	Lr					345-1	0.34
345	0.34	Lr					345-1	0.34
345	0.	Le					345-1	0.
345	0.	Le					345-1	0.
345	0.	Le					345-1	0.
345	0.	Le					345-1	0.
345	0.17	Le					345-1	0.17
345	0.17	Le					345-1	0.17
345	0.17	Le					345-1	0.17
345	0.17	Le					345-1	0.17
345	0.34	Le					345-1	0.34
345	0.34	Le					345-1	0.34
345	0.34	Le					345-1	0.34
345	0.34	Le					345-1	0.34
346	0.	DEAD					346-1	0.
346	0.	DEAD					346-1	0.
346	0.	DEAD					346-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
346	0.	DEAD					346-1	0.
346	0.17	DEAD					346-1	0.17
346	0.17	DEAD					346-1	0.17
346	0.17	DEAD					346-1	0.17
346	0.17	DEAD					346-1	0.17
346	0.34	DEAD					346-1	0.34
346	0.34	DEAD					346-1	0.34
346	0.34	DEAD					346-1	0.34
346	0.34	DEAD					346-1	0.34
346	0.	Lr					346-1	0.
346	0.	Lr					346-1	0.
346	0.	Lr					346-1	0.
346	0.	Lr					346-1	0.
346	0.17	Lr					346-1	0.17
346	0.17	Lr					346-1	0.17
346	0.17	Lr					346-1	0.17
346	0.17	Lr					346-1	0.17
346	0.34	Lr					346-1	0.34
346	0.34	Lr					346-1	0.34
346	0.34	Lr					346-1	0.34
346	0.34	Lr					346-1	0.34
346	0.	Le					346-1	0.
346	0.	Le					346-1	0.
346	0.	Le					346-1	0.
346	0.	Le					346-1	0.
346	0.17	Le					346-1	0.17
346	0.17	Le					346-1	0.17
346	0.17	Le					346-1	0.17
346	0.17	Le					346-1	0.17
346	0.34	Le					346-1	0.34
346	0.34	Le					346-1	0.34
346	0.34	Le					346-1	0.34
346	0.34	Le					346-1	0.34
347	0.	DEAD					347-1	0.
347	0.	DEAD					347-1	0.
347	0.	DEAD					347-1	0.
347	0.	DEAD					347-1	0.
347	0.17	DEAD					347-1	0.17
347	0.17	DEAD					347-1	0.17
347	0.17	DEAD					347-1	0.17
347	0.17	DEAD					347-1	0.17
347	0.34	DEAD					347-1	0.34
347	0.34	DEAD					347-1	0.34
347	0.34	DEAD					347-1	0.34
347	0.34	DEAD					347-1	0.34
347	0.	Lr					347-1	0.
347	0.	Lr					347-1	0.
347	0.	Lr					347-1	0.
347	0.	Lr					347-1	0.
347	0.17	Lr					347-1	0.17
347	0.17	Lr					347-1	0.17
347	0.17	Lr					347-1	0.17
347	0.17	Lr					347-1	0.17
347	0.34	Lr					347-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
347	0.34	Lr					347-1	0.34
347	0.34	Lr					347-1	0.34
347	0.34	Lr					347-1	0.34
347	0.	Le					347-1	0.
347	0.	Le					347-1	0.
347	0.	Le					347-1	0.
347	0.	Le					347-1	0.
347	0.17	Le					347-1	0.17
347	0.17	Le					347-1	0.17
347	0.17	Le					347-1	0.17
347	0.17	Le					347-1	0.17
347	0.34	Le					347-1	0.34
347	0.34	Le					347-1	0.34
347	0.34	Le					347-1	0.34
347	0.34	Le					347-1	0.34
348	0.	DEAD					348-1	0.
348	0.	DEAD					348-1	0.
348	0.	DEAD					348-1	0.
348	0.	DEAD					348-1	0.
348	0.17	DEAD					348-1	0.17
348	0.17	DEAD					348-1	0.17
348	0.17	DEAD					348-1	0.17
348	0.17	DEAD					348-1	0.17
348	0.34	DEAD					348-1	0.34
348	0.34	DEAD					348-1	0.34
348	0.34	DEAD					348-1	0.34
348	0.34	DEAD					348-1	0.34
348	0.	Lr					348-1	0.
348	0.	Lr					348-1	0.
348	0.	Lr					348-1	0.
348	0.	Lr					348-1	0.
348	0.17	Lr					348-1	0.17
348	0.17	Lr					348-1	0.17
348	0.17	Lr					348-1	0.17
348	0.17	Lr					348-1	0.17
348	0.34	Lr					348-1	0.34
348	0.34	Lr					348-1	0.34
348	0.34	Lr					348-1	0.34
348	0.34	Lr					348-1	0.34
348	0.	Le					348-1	0.
348	0.	Le					348-1	0.
348	0.	Le					348-1	0.
348	0.	Le					348-1	0.
348	0.17	Le					348-1	0.17
348	0.17	Le					348-1	0.17
348	0.17	Le					348-1	0.17
348	0.17	Le					348-1	0.17
348	0.34	Le					348-1	0.34
348	0.34	Le					348-1	0.34
348	0.34	Le					348-1	0.34
348	0.34	Le					348-1	0.34
349	0.	DEAD	No	No	No	No	349-1	0.
349	0.	DEAD	No	No	No	No	349-1	0.
349	0.	DEAD	No	No	No	Yes	349-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
349	0.	DEAD	No	No	No	No	349-1	0.
349	0.	DEAD	No	No	No	No	349-1	0.
349	0.	DEAD	No	Yes	No	No	349-1	0.
349	0.	DEAD	No	No	No	No	349-1	0.
349	0.	DEAD	No	No	No	No	349-1	0.
349	0.	DEAD	Yes	No	Yes	No	349-1	0.
349	0.26249	DEAD	No	Yes	No	No	349-1	0.26249
349	0.26249	DEAD	No	No	No	No	349-1	0.26249
349	0.26249	DEAD	No	No	No	No	349-1	0.26249
349	0.26249	DEAD	No	No	No	Yes	349-1	0.26249
349	0.26249	DEAD	No	No	No	No	349-1	0.26249
349	0.26249	DEAD	No	No	No	No	349-1	0.26249
349	0.26249	DEAD	No	No	No	No	349-1	0.26249
349	0.26249	DEAD	No	No	No	No	349-1	0.26249
349	0.26249	DEAD	Yes	No	Yes	No	349-1	0.26249
349	0.52498	DEAD	No	No	No	No	349-1	0.52498
349	0.52498	DEAD	No	No	No	No	349-1	0.52498
349	0.52498	DEAD	No	No	No	No	349-1	0.52498
349	0.52498	DEAD	No	No	No	Yes	349-1	0.52498
349	0.52498	DEAD	No	Yes	No	No	349-1	0.52498
349	0.52498	DEAD	No	No	No	No	349-1	0.52498
349	0.52498	DEAD	No	No	No	No	349-1	0.52498
349	0.52498	DEAD	No	No	No	No	349-1	0.52498
349	0.52498	DEAD	Yes	No	Yes	No	349-1	0.52498
349	0.	Lr	No	Yes	No	No	349-1	0.
349	0.	Lr	No	No	No	No	349-1	0.
349	0.	Lr	No	No	No	Yes	349-1	0.
349	0.	Lr	No	No	No	No	349-1	0.
349	0.	Lr	No	No	No	No	349-1	0.
349	0.	Lr	No	No	No	No	349-1	0.
349	0.	Lr	No	No	No	No	349-1	0.
349	0.	Lr	No	No	No	No	349-1	0.
349	0.	Lr	Yes	No	Yes	No	349-1	0.
349	0.26249	Lr	No	Yes	No	No	349-1	0.26249
349	0.26249	Lr	No	No	No	No	349-1	0.26249
349	0.26249	Lr	No	No	No	No	349-1	0.26249
349	0.26249	Lr	No	No	No	Yes	349-1	0.26249
349	0.26249	Lr	No	No	No	No	349-1	0.26249
349	0.26249	Lr	No	No	No	No	349-1	0.26249
349	0.26249	Lr	No	No	No	No	349-1	0.26249
349	0.26249	Lr	No	No	No	No	349-1	0.26249
349	0.26249	Lr	Yes	No	Yes	No	349-1	0.26249
349	0.52498	Lr	No	Yes	No	No	349-1	0.52498
349	0.52498	Lr	No	No	No	No	349-1	0.52498
349	0.52498	Lr	No	No	No	No	349-1	0.52498
349	0.52498	Lr	No	No	No	Yes	349-1	0.52498
349	0.52498	Lr	No	No	No	No	349-1	0.52498
349	0.52498	Lr	No	No	No	No	349-1	0.52498
349	0.52498	Lr	No	No	No	No	349-1	0.52498
349	0.52498	Lr	No	No	No	No	349-1	0.52498
349	0.52498	Lr	Yes	No	Yes	No	349-1	0.52498
349	0.	Le	No	Yes	No	No	349-1	0.
349	0.	Le	No	No	No	No	349-1	0.
349	0.	Le	No	No	No	Yes	349-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
349	0.	Le	No	No	No	No	349-1	0.
349	0.	Le	No	No	No	No	349-1	0.
349	0.	Le	No	No	No	No	349-1	0.
349	0.	Le	No	No	No	No	349-1	0.
349	0.	Le	No	No	No	No	349-1	0.
349	0.	Le	Yes	No	Yes	No	349-1	0.
349	0.26249	Le	No	Yes	No	No	349-1	0.26249
349	0.26249	Le	No	No	No	No	349-1	0.26249
349	0.26249	Le	No	No	No	No	349-1	0.26249
349	0.26249	Le	No	No	No	Yes	349-1	0.26249
349	0.26249	Le	No	No	No	No	349-1	0.26249
349	0.26249	Le	No	No	No	No	349-1	0.26249
349	0.26249	Le	No	No	No	No	349-1	0.26249
349	0.26249	Le	No	No	No	No	349-1	0.26249
349	0.26249	Le	Yes	No	Yes	No	349-1	0.26249
349	0.52498	Le	No	Yes	No	No	349-1	0.52498
349	0.52498	Le	No	No	No	No	349-1	0.52498
349	0.52498	Le	No	No	No	No	349-1	0.52498
349	0.52498	Le	No	No	No	Yes	349-1	0.52498
349	0.52498	Le	No	No	No	No	349-1	0.52498
349	0.52498	Le	No	No	No	No	349-1	0.52498
349	0.52498	Le	No	No	No	No	349-1	0.52498
349	0.52498	Le	No	No	No	No	349-1	0.52498
349	0.52498	Le	Yes	No	Yes	No	349-1	0.52498
34A	0.	DEAD	No	No	No	No	34A-1	0.
34A	0.	DEAD	Yes	No	No	No	34A-1	0.
34A	0.	DEAD	No	No	No	No	34A-1	0.
34A	0.	DEAD	No	No	No	No	34A-1	0.
34A	0.	DEAD	No	No	No	No	34A-1	0.
34A	0.	DEAD	No	No	Yes	No	34A-1	0.
34A	0.	DEAD	No	No	No	No	34A-1	0.
34A	0.	DEAD	No	No	No	No	34A-1	0.
34A	0.	DEAD	No	Yes	No	Yes	34A-1	0.
34A	0.26249	DEAD	No	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	Yes	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	No	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	No	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	No	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	No	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	No	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	No	No	No	No	34A-1	0.26249
34A	0.26249	DEAD	No	Yes	Yes	Yes	34A-1	0.26249
34A	0.52498	DEAD	No	No	No	No	34A-1	0.52498
34A	0.52498	DEAD	Yes	No	No	No	34A-1	0.52498
34A	0.52498	DEAD	No	No	No	No	34A-1	0.52498
34A	0.52498	DEAD	No	No	No	No	34A-1	0.52498
34A	0.52498	DEAD	No	No	Yes	No	34A-1	0.52498
34A	0.52498	DEAD	No	No	No	No	34A-1	0.52498
34A	0.52498	DEAD	No	No	No	No	34A-1	0.52498
34A	0.52498	DEAD	No	No	No	No	34A-1	0.52498
34A	0.52498	DEAD	No	Yes	No	Yes	34A-1	0.52498
34A	0.	Lr	No	No	No	No	34A-1	0.
34A	0.	Lr	Yes	No	No	No	34A-1	0.
34A	0.	Lr	No	No	No	No	34A-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34A	0.	Lr	No	No	No	No	34A-1	0.
34A	0.	Lr	No	No	No	No	34A-1	0.
34A	0.	Lr	No	No	No	No	34A-1	0.
34A	0.	Lr	No	No	No	No	34A-1	0.
34A	0.	Lr	No	No	No	No	34A-1	0.
34A	0.	Lr	No	Yes	Yes	Yes	34A-1	0.
34A	0.26249	Lr	No	No	No	No	34A-1	0.26249
34A	0.26249	Lr	Yes	No	No	No	34A-1	0.26249
34A	0.26249	Lr	No	No	No	No	34A-1	0.26249
34A	0.26249	Lr	No	No	No	No	34A-1	0.26249
34A	0.26249	Lr	No	No	No	No	34A-1	0.26249
34A	0.26249	Lr	No	No	No	No	34A-1	0.26249
34A	0.26249	Lr	No	No	No	No	34A-1	0.26249
34A	0.26249	Lr	No	Yes	Yes	Yes	34A-1	0.26249
34A	0.52498	Lr	No	No	No	No	34A-1	0.52498
34A	0.52498	Lr	Yes	No	No	No	34A-1	0.52498
34A	0.52498	Lr	No	No	No	No	34A-1	0.52498
34A	0.52498	Lr	No	No	No	No	34A-1	0.52498
34A	0.52498	Lr	No	No	No	No	34A-1	0.52498
34A	0.52498	Lr	No	No	No	No	34A-1	0.52498
34A	0.52498	Lr	No	No	No	No	34A-1	0.52498
34A	0.52498	Lr	No	No	No	No	34A-1	0.52498
34A	0.52498	Lr	No	Yes	Yes	Yes	34A-1	0.52498
34A	0.	Le	No	No	No	No	34A-1	0.
34A	0.	Le	Yes	No	No	No	34A-1	0.
34A	0.	Le	No	No	No	No	34A-1	0.
34A	0.	Le	No	No	No	No	34A-1	0.
34A	0.	Le	No	No	No	No	34A-1	0.
34A	0.	Le	No	No	No	No	34A-1	0.
34A	0.	Le	No	No	No	No	34A-1	0.
34A	0.	Le	No	No	No	No	34A-1	0.
34A	0.	Le	No	Yes	Yes	Yes	34A-1	0.
34A	0.26249	Le	No	No	No	No	34A-1	0.26249
34A	0.26249	Le	Yes	No	No	No	34A-1	0.26249
34A	0.26249	Le	No	No	No	No	34A-1	0.26249
34A	0.26249	Le	No	No	No	No	34A-1	0.26249
34A	0.26249	Le	No	No	No	No	34A-1	0.26249
34A	0.26249	Le	No	No	No	No	34A-1	0.26249
34A	0.26249	Le	No	No	No	No	34A-1	0.26249
34A	0.26249	Le	No	No	No	No	34A-1	0.26249
34A	0.26249	Le	No	Yes	Yes	Yes	34A-1	0.26249
34A	0.52498	Le	No	No	No	No	34A-1	0.52498
34A	0.52498	Le	Yes	No	No	No	34A-1	0.52498
34A	0.52498	Le	No	No	No	No	34A-1	0.52498
34A	0.52498	Le	No	No	No	No	34A-1	0.52498
34A	0.52498	Le	No	No	No	No	34A-1	0.52498
34A	0.52498	Le	No	No	No	No	34A-1	0.52498
34A	0.52498	Le	No	No	No	No	34A-1	0.52498
34A	0.52498	Le	No	No	No	No	34A-1	0.52498
34A	0.52498	Le	No	Yes	Yes	Yes	34A-1	0.52498
34B	0.	DEAD	No	No	No	No	34B-1	0.
34B	0.	DEAD	No	No	No	No	34B-1	0.
34B	0.	DEAD	No	No	No	No	34B-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34B	0.	DEAD	No	No	No	Yes	34B-1	0.
34B	0.	DEAD	No	No	No	No	34B-1	0.
34B	0.	DEAD	No	Yes	No	No	34B-1	0.
34B	0.	DEAD	No	No	Yes	No	34B-1	0.
34B	0.	DEAD	No	No	No	No	34B-1	0.
34B	0.	DEAD	Yes	No	No	No	34B-1	0.
34B	0.26249	DEAD	No	Yes	No	No	34B-1	0.26249
34B	0.26249	DEAD	No	No	No	Yes	34B-1	0.26249
34B	0.26249	DEAD	No	No	No	No	34B-1	0.26249
34B	0.26249	DEAD	No	No	No	No	34B-1	0.26249
34B	0.26249	DEAD	No	No	No	No	34B-1	0.26249
34B	0.26249	DEAD	No	No	No	No	34B-1	0.26249
34B	0.26249	DEAD	No	No	No	No	34B-1	0.26249
34B	0.26249	DEAD	Yes	No	Yes	No	34B-1	0.26249
34B	0.52498	DEAD	No	No	No	No	34B-1	0.52498
34B	0.52498	DEAD	No	No	No	Yes	34B-1	0.52498
34B	0.52498	DEAD	No	No	No	No	34B-1	0.52498
34B	0.52498	DEAD	No	No	No	No	34B-1	0.52498
34B	0.52498	DEAD	No	Yes	No	No	34B-1	0.52498
34B	0.52498	DEAD	No	No	No	No	34B-1	0.52498
34B	0.52498	DEAD	No	No	No	No	34B-1	0.52498
34B	0.52498	DEAD	No	No	No	No	34B-1	0.52498
34B	0.52498	DEAD	Yes	No	Yes	No	34B-1	0.52498
34B	0.	Lr	No	Yes	No	No	34B-1	0.
34B	0.	Lr	No	No	No	Yes	34B-1	0.
34B	0.	Lr	No	No	No	No	34B-1	0.
34B	0.	Lr	No	No	No	No	34B-1	0.
34B	0.	Lr	No	No	No	No	34B-1	0.
34B	0.	Lr	No	No	No	No	34B-1	0.
34B	0.	Lr	No	No	No	No	34B-1	0.
34B	0.	Lr	No	No	No	No	34B-1	0.
34B	0.	Lr	Yes	No	Yes	No	34B-1	0.
34B	0.26249	Lr	No	Yes	No	No	34B-1	0.26249
34B	0.26249	Lr	No	No	No	Yes	34B-1	0.26249
34B	0.26249	Lr	No	No	No	No	34B-1	0.26249
34B	0.26249	Lr	No	No	No	No	34B-1	0.26249
34B	0.26249	Lr	No	No	No	No	34B-1	0.26249
34B	0.26249	Lr	No	No	No	No	34B-1	0.26249
34B	0.26249	Lr	No	No	No	No	34B-1	0.26249
34B	0.26249	Lr	No	No	No	No	34B-1	0.26249
34B	0.26249	Lr	Yes	No	Yes	No	34B-1	0.26249
34B	0.52498	Lr	No	Yes	No	No	34B-1	0.52498
34B	0.52498	Lr	No	No	No	Yes	34B-1	0.52498
34B	0.52498	Lr	No	No	No	No	34B-1	0.52498
34B	0.52498	Lr	No	No	No	No	34B-1	0.52498
34B	0.52498	Lr	No	No	No	No	34B-1	0.52498
34B	0.52498	Lr	No	No	No	No	34B-1	0.52498
34B	0.52498	Lr	No	No	No	No	34B-1	0.52498
34B	0.52498	Lr	No	No	No	No	34B-1	0.52498
34B	0.52498	Lr	Yes	No	Yes	No	34B-1	0.52498
34B	0.	Le	No	Yes	No	No	34B-1	0.
34B	0.	Le	No	No	No	Yes	34B-1	0.
34B	0.	Le	No	No	No	No	34B-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34B	0.	Le	No	No	No	No	34B-1	0.
34B	0.	Le	No	No	No	No	34B-1	0.
34B	0.	Le	No	No	No	No	34B-1	0.
34B	0.	Le	No	No	No	No	34B-1	0.
34B	0.	Le	No	No	No	No	34B-1	0.
34B	0.	Le	Yes	No	Yes	No	34B-1	0.
34B	0.26249	Le	No	Yes	No	No	34B-1	0.26249
34B	0.26249	Le	No	No	No	Yes	34B-1	0.26249
34B	0.26249	Le	No	No	No	No	34B-1	0.26249
34B	0.26249	Le	No	No	No	No	34B-1	0.26249
34B	0.26249	Le	No	No	No	No	34B-1	0.26249
34B	0.26249	Le	No	No	No	No	34B-1	0.26249
34B	0.26249	Le	No	No	No	No	34B-1	0.26249
34B	0.26249	Le	No	No	No	No	34B-1	0.26249
34B	0.26249	Le	Yes	No	Yes	No	34B-1	0.26249
34B	0.52498	Le	No	Yes	No	No	34B-1	0.52498
34B	0.52498	Le	No	No	No	Yes	34B-1	0.52498
34B	0.52498	Le	No	No	No	No	34B-1	0.52498
34B	0.52498	Le	No	No	No	No	34B-1	0.52498
34B	0.52498	Le	No	No	No	No	34B-1	0.52498
34B	0.52498	Le	No	No	No	No	34B-1	0.52498
34B	0.52498	Le	No	No	No	No	34B-1	0.52498
34B	0.52498	Le	No	No	No	No	34B-1	0.52498
34B	0.52498	Le	Yes	No	Yes	No	34B-1	0.52498
34C	0.	DEAD	No	No	No	No	34C-1	0.
34C	0.	DEAD	Yes	No	No	No	34C-1	0.
34C	0.	DEAD	No	No	No	No	34C-1	0.
34C	0.	DEAD	No	No	No	No	34C-1	0.
34C	0.	DEAD	No	No	No	No	34C-1	0.
34C	0.	DEAD	No	No	Yes	No	34C-1	0.
34C	0.	DEAD	No	No	No	No	34C-1	0.
34C	0.	DEAD	No	No	No	No	34C-1	0.
34C	0.	DEAD	No	Yes	No	Yes	34C-1	0.
34C	0.26249	DEAD	No	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	Yes	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	No	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	No	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	No	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	No	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	No	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	No	No	No	No	34C-1	0.26249
34C	0.26249	DEAD	No	Yes	Yes	Yes	34C-1	0.26249
34C	0.52498	DEAD	No	No	No	No	34C-1	0.52498
34C	0.52498	DEAD	Yes	No	No	No	34C-1	0.52498
34C	0.52498	DEAD	No	No	No	No	34C-1	0.52498
34C	0.52498	DEAD	No	No	No	No	34C-1	0.52498
34C	0.52498	DEAD	No	No	Yes	No	34C-1	0.52498
34C	0.52498	DEAD	No	No	No	No	34C-1	0.52498
34C	0.52498	DEAD	No	No	No	No	34C-1	0.52498
34C	0.52498	DEAD	No	No	No	No	34C-1	0.52498
34C	0.52498	DEAD	No	Yes	No	Yes	34C-1	0.52498
34C	0.	Lr	No	No	No	No	34C-1	0.
34C	0.	Lr	Yes	No	No	No	34C-1	0.
34C	0.	Lr	No	No	No	No	34C-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34C	0.	Lr	No	No	No	No	34C-1	0.
34C	0.	Lr	No	No	No	No	34C-1	0.
34C	0.	Lr	No	No	No	No	34C-1	0.
34C	0.	Lr	No	No	No	No	34C-1	0.
34C	0.	Lr	No	No	No	No	34C-1	0.
34C	0.	Lr	No	Yes	Yes	Yes	34C-1	0.
34C	0.26249	Lr	No	No	No	No	34C-1	0.26249
34C	0.26249	Lr	Yes	No	No	No	34C-1	0.26249
34C	0.26249	Lr	No	No	No	No	34C-1	0.26249
34C	0.26249	Lr	No	No	No	No	34C-1	0.26249
34C	0.26249	Lr	No	No	No	No	34C-1	0.26249
34C	0.26249	Lr	No	No	No	No	34C-1	0.26249
34C	0.26249	Lr	No	No	No	No	34C-1	0.26249
34C	0.26249	Lr	No	Yes	Yes	Yes	34C-1	0.26249
34C	0.52498	Lr	No	No	No	No	34C-1	0.52498
34C	0.52498	Lr	Yes	No	No	No	34C-1	0.52498
34C	0.52498	Lr	No	No	No	No	34C-1	0.52498
34C	0.52498	Lr	No	No	No	No	34C-1	0.52498
34C	0.52498	Lr	No	No	Yes	No	34C-1	0.52498
34C	0.52498	Lr	No	No	No	No	34C-1	0.52498
34C	0.52498	Lr	No	No	No	No	34C-1	0.52498
34C	0.52498	Lr	No	No	No	No	34C-1	0.52498
34C	0.52498	Lr	No	Yes	No	Yes	34C-1	0.52498
34C	0.	Le	No	No	No	No	34C-1	0.
34C	0.	Le	Yes	No	No	No	34C-1	0.
34C	0.	Le	No	No	No	No	34C-1	0.
34C	0.	Le	No	No	No	No	34C-1	0.
34C	0.	Le	No	No	No	No	34C-1	0.
34C	0.	Le	No	No	No	No	34C-1	0.
34C	0.	Le	No	No	No	No	34C-1	0.
34C	0.	Le	No	No	No	No	34C-1	0.
34C	0.	Le	No	Yes	Yes	Yes	34C-1	0.
34C	0.26249	Le	No	No	No	No	34C-1	0.26249
34C	0.26249	Le	Yes	No	No	No	34C-1	0.26249
34C	0.26249	Le	No	No	No	No	34C-1	0.26249
34C	0.26249	Le	No	No	No	No	34C-1	0.26249
34C	0.26249	Le	No	No	No	No	34C-1	0.26249
34C	0.26249	Le	No	No	No	No	34C-1	0.26249
34C	0.26249	Le	No	No	No	No	34C-1	0.26249
34C	0.26249	Le	No	No	No	No	34C-1	0.26249
34C	0.26249	Le	No	Yes	Yes	Yes	34C-1	0.26249
34C	0.52498	Le	No	No	No	No	34C-1	0.52498
34C	0.52498	Le	Yes	No	No	No	34C-1	0.52498
34C	0.52498	Le	No	No	No	No	34C-1	0.52498
34C	0.52498	Le	No	No	No	No	34C-1	0.52498
34C	0.52498	Le	No	No	Yes	No	34C-1	0.52498
34C	0.52498	Le	No	No	No	No	34C-1	0.52498
34C	0.52498	Le	No	No	No	No	34C-1	0.52498
34C	0.52498	Le	No	No	No	No	34C-1	0.52498
34C	0.52498	Le	No	Yes	No	Yes	34C-1	0.52498
34D	0.	DEAD	No	No	No	No	34D-1	0.
34D	0.	DEAD	No	No	No	No	34D-1	0.
34D	0.	DEAD	No	No	No	No	34D-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34D	0.	DEAD	No	Yes	No	Yes	34D-1	0.
34D	0.	DEAD	No	No	No	No	34D-1	0.
34D	0.	DEAD	No	No	No	No	34D-1	0.
34D	0.	DEAD	No	No	Yes	No	34D-1	0.
34D	0.	DEAD	No	No	No	No	34D-1	0.
34D	0.	DEAD	Yes	No	No	No	34D-1	0.
34D	0.26249	DEAD	No	No	No	No	34D-1	0.26249
34D	0.26249	DEAD	No	No	No	Yes	34D-1	0.26249
34D	0.26249	DEAD	No	No	No	No	34D-1	0.26249
34D	0.26249	DEAD	No	Yes	No	No	34D-1	0.26249
34D	0.26249	DEAD	No	No	No	No	34D-1	0.26249
34D	0.26249	DEAD	No	No	No	No	34D-1	0.26249
34D	0.26249	DEAD	No	No	No	No	34D-1	0.26249
34D	0.26249	DEAD	No	No	No	No	34D-1	0.26249
34D	0.26249	DEAD	Yes	No	Yes	No	34D-1	0.26249
34D	0.52498	DEAD	No	No	No	No	34D-1	0.52498
34D	0.52498	DEAD	No	No	No	No	34D-1	0.52498
34D	0.52498	DEAD	No	Yes	No	Yes	34D-1	0.52498
34D	0.52498	DEAD	No	No	No	No	34D-1	0.52498
34D	0.52498	DEAD	No	No	No	No	34D-1	0.52498
34D	0.52498	DEAD	No	No	No	No	34D-1	0.52498
34D	0.52498	DEAD	No	No	No	No	34D-1	0.52498
34D	0.52498	DEAD	No	No	Yes	No	34D-1	0.52498
34D	0.52498	DEAD	Yes	No	No	No	34D-1	0.52498
34D	0.	Lr	No	No	No	No	34D-1	0.
34D	0.	Lr	No	Yes	No	No	34D-1	0.
34D	0.	Lr	No	No	No	No	34D-1	0.
34D	0.	Lr	No	No	No	Yes	34D-1	0.
34D	0.	Lr	No	No	No	No	34D-1	0.
34D	0.	Lr	No	No	No	No	34D-1	0.
34D	0.	Lr	No	No	Yes	No	34D-1	0.
34D	0.	Lr	No	No	No	No	34D-1	0.
34D	0.	Lr	Yes	No	No	No	34D-1	0.
34D	0.26249	Lr	No	No	No	No	34D-1	0.26249
34D	0.26249	Lr	No	Yes	No	Yes	34D-1	0.26249
34D	0.26249	Lr	No	No	No	No	34D-1	0.26249
34D	0.26249	Lr	No	No	No	No	34D-1	0.26249
34D	0.26249	Lr	No	No	No	No	34D-1	0.26249
34D	0.26249	Lr	No	No	No	No	34D-1	0.26249
34D	0.26249	Lr	No	No	No	No	34D-1	0.26249
34D	0.26249	Lr	No	No	No	No	34D-1	0.26249
34D	0.26249	Lr	Yes	No	Yes	No	34D-1	0.26249
34D	0.52498	Lr	No	No	No	No	34D-1	0.52498
34D	0.52498	Lr	No	Yes	No	No	34D-1	0.52498
34D	0.52498	Lr	No	No	No	Yes	34D-1	0.52498
34D	0.52498	Lr	No	No	No	No	34D-1	0.52498
34D	0.52498	Lr	No	No	No	No	34D-1	0.52498
34D	0.52498	Lr	No	No	No	No	34D-1	0.52498
34D	0.52498	Lr	No	No	No	No	34D-1	0.52498
34D	0.52498	Lr	No	No	Yes	No	34D-1	0.52498
34D	0.52498	Lr	Yes	No	No	No	34D-1	0.52498
34D	0.	Le	No	No	No	No	34D-1	0.
34D	0.	Le	No	Yes	No	No	34D-1	0.
34D	0.	Le	No	No	No	No	34D-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34D	0.	Le	No	No	No	Yes	34D-1	0.
34D	0.	Le	No	No	No	No	34D-1	0.
34D	0.	Le	No	No	No	No	34D-1	0.
34D	0.	Le	No	No	Yes	No	34D-1	0.
34D	0.	Le	No	No	No	No	34D-1	0.
34D	0.	Le	Yes	No	No	No	34D-1	0.
34D	0.26249	Le	No	No	No	No	34D-1	0.26249
34D	0.26249	Le	No	Yes	No	Yes	34D-1	0.26249
34D	0.26249	Le	No	No	No	No	34D-1	0.26249
34D	0.26249	Le	No	No	No	No	34D-1	0.26249
34D	0.26249	Le	No	No	No	No	34D-1	0.26249
34D	0.26249	Le	No	No	No	No	34D-1	0.26249
34D	0.26249	Le	No	No	No	No	34D-1	0.26249
34D	0.26249	Le	No	No	No	No	34D-1	0.26249
34D	0.26249	Le	Yes	No	Yes	No	34D-1	0.26249
34D	0.52498	Le	No	No	No	No	34D-1	0.52498
34D	0.52498	Le	No	Yes	No	No	34D-1	0.52498
34D	0.52498	Le	No	No	No	Yes	34D-1	0.52498
34D	0.52498	Le	No	No	No	No	34D-1	0.52498
34D	0.52498	Le	No	No	No	No	34D-1	0.52498
34D	0.52498	Le	No	No	No	No	34D-1	0.52498
34D	0.52498	Le	No	No	No	No	34D-1	0.52498
34D	0.52498	Le	No	No	Yes	No	34D-1	0.52498
34D	0.52498	Le	Yes	No	No	No	34D-1	0.52498
34E	0.	DEAD	No	No	No	No	34E-1	0.
34E	0.	DEAD	Yes	No	No	No	34E-1	0.
34E	0.	DEAD	No	No	No	No	34E-1	0.
34E	0.	DEAD	No	No	No	No	34E-1	0.
34E	0.	DEAD	No	No	No	No	34E-1	0.
34E	0.	DEAD	No	No	Yes	No	34E-1	0.
34E	0.	DEAD	No	No	No	No	34E-1	0.
34E	0.	DEAD	No	No	No	No	34E-1	0.
34E	0.	DEAD	No	Yes	No	Yes	34E-1	0.
34E	0.26249	DEAD	No	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	Yes	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	No	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	No	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	No	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	No	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	No	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	No	No	No	No	34E-1	0.26249
34E	0.26249	DEAD	No	Yes	Yes	Yes	34E-1	0.26249
34E	0.52498	DEAD	No	No	No	No	34E-1	0.52498
34E	0.52498	DEAD	Yes	No	No	No	34E-1	0.52498
34E	0.52498	DEAD	No	No	No	No	34E-1	0.52498
34E	0.52498	DEAD	No	No	No	No	34E-1	0.52498
34E	0.52498	DEAD	No	No	Yes	No	34E-1	0.52498
34E	0.52498	DEAD	No	No	No	No	34E-1	0.52498
34E	0.52498	DEAD	No	Yes	No	Yes	34E-1	0.52498
34E	0.52498	DEAD	No	No	No	No	34E-1	0.52498
34E	0.52498	DEAD	No	No	No	No	34E-1	0.52498
34E	0.	Lr	No	No	No	No	34E-1	0.
34E	0.	Lr	Yes	No	No	No	34E-1	0.
34E	0.	Lr	No	No	No	No	34E-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
34E	0.	Lr	No	No	No	No	34E-1	0.
34E	0.	Lr	No	No	No	No	34E-1	0.
34E	0.	Lr	No	No	No	No	34E-1	0.
34E	0.	Lr	No	No	No	No	34E-1	0.
34E	0.	Lr	No	No	No	No	34E-1	0.
34E	0.	Lr	No	Yes	Yes	Yes	34E-1	0.
34E	0.26249	Lr	No	No	No	No	34E-1	0.26249
34E	0.26249	Lr	Yes	No	No	No	34E-1	0.26249
34E	0.26249	Lr	No	No	No	No	34E-1	0.26249
34E	0.26249	Lr	No	No	No	No	34E-1	0.26249
34E	0.26249	Lr	No	No	No	No	34E-1	0.26249
34E	0.26249	Lr	No	No	No	No	34E-1	0.26249
34E	0.26249	Lr	No	No	No	No	34E-1	0.26249
34E	0.26249	Lr	No	Yes	Yes	Yes	34E-1	0.26249
34E	0.52498	Lr	No	No	No	No	34E-1	0.52498
34E	0.52498	Lr	Yes	No	No	No	34E-1	0.52498
34E	0.52498	Lr	No	No	No	No	34E-1	0.52498
34E	0.52498	Lr	No	No	No	No	34E-1	0.52498
34E	0.52498	Lr	No	No	No	No	34E-1	0.52498
34E	0.52498	Lr	No	No	No	No	34E-1	0.52498
34E	0.52498	Lr	No	Yes	No	Yes	34E-1	0.52498
34E	0.52498	Lr	No	No	No	No	34E-1	0.52498
34E	0.52498	Lr	No	No	Yes	No	34E-1	0.52498
34E	0.	Le	No	No	No	No	34E-1	0.
34E	0.	Le	Yes	No	No	No	34E-1	0.
34E	0.	Le	No	No	No	No	34E-1	0.
34E	0.	Le	No	No	No	No	34E-1	0.
34E	0.	Le	No	No	No	No	34E-1	0.
34E	0.	Le	No	No	No	No	34E-1	0.
34E	0.	Le	No	No	No	No	34E-1	0.
34E	0.	Le	No	No	No	No	34E-1	0.
34E	0.	Le	No	Yes	Yes	Yes	34E-1	0.
34E	0.26249	Le	No	No	No	No	34E-1	0.26249
34E	0.26249	Le	Yes	No	No	No	34E-1	0.26249
34E	0.26249	Le	No	No	No	No	34E-1	0.26249
34E	0.26249	Le	No	No	No	No	34E-1	0.26249
34E	0.26249	Le	No	No	No	No	34E-1	0.26249
34E	0.26249	Le	No	No	No	No	34E-1	0.26249
34E	0.26249	Le	No	No	No	No	34E-1	0.26249
34E	0.26249	Le	No	No	No	No	34E-1	0.26249
34E	0.26249	Le	No	Yes	Yes	Yes	34E-1	0.26249
34E	0.52498	Le	No	No	No	No	34E-1	0.52498
34E	0.52498	Le	Yes	No	No	No	34E-1	0.52498
34E	0.52498	Le	No	No	No	No	34E-1	0.52498
34E	0.52498	Le	No	No	No	No	34E-1	0.52498
34E	0.52498	Le	No	No	No	No	34E-1	0.52498
34E	0.52498	Le	No	No	No	No	34E-1	0.52498
34E	0.52498	Le	No	Yes	No	Yes	34E-1	0.52498
34E	0.52498	Le	No	No	No	No	34E-1	0.52498
34E	0.52498	Le	No	No	Yes	No	34E-1	0.52498
35C	0.	DEAD					35C-1	0.
35C	0.	DEAD					35C-1	0.
35C	0.	DEAD					35C-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
35C	0.	DEAD					35C-1	0.
35C	0.17	DEAD					35C-1	0.17
35C	0.17	DEAD					35C-1	0.17
35C	0.17	DEAD					35C-1	0.17
35C	0.17	DEAD					35C-1	0.17
35C	0.34	DEAD					35C-1	0.34
35C	0.34	DEAD					35C-1	0.34
35C	0.34	DEAD					35C-1	0.34
35C	0.34	DEAD					35C-1	0.34
35C	0.	Lr					35C-1	0.
35C	0.	Lr					35C-1	0.
35C	0.	Lr					35C-1	0.
35C	0.	Lr					35C-1	0.
35C	0.17	Lr					35C-1	0.17
35C	0.17	Lr					35C-1	0.17
35C	0.17	Lr					35C-1	0.17
35C	0.17	Lr					35C-1	0.17
35C	0.34	Lr					35C-1	0.34
35C	0.34	Lr					35C-1	0.34
35C	0.34	Lr					35C-1	0.34
35C	0.34	Lr					35C-1	0.34
35C	0.	Le					35C-1	0.
35C	0.	Le					35C-1	0.
35C	0.	Le					35C-1	0.
35C	0.	Le					35C-1	0.
35C	0.17	Le					35C-1	0.17
35C	0.17	Le					35C-1	0.17
35C	0.17	Le					35C-1	0.17
35C	0.17	Le					35C-1	0.17
35C	0.34	Le					35C-1	0.34
35C	0.34	Le					35C-1	0.34
35C	0.34	Le					35C-1	0.34
35C	0.34	Le					35C-1	0.34
35D	0.	DEAD					35D-1	0.
35D	0.	DEAD					35D-1	0.
35D	0.	DEAD					35D-1	0.
35D	0.	DEAD					35D-1	0.
35D	0.17	DEAD					35D-1	0.17
35D	0.17	DEAD					35D-1	0.17
35D	0.17	DEAD					35D-1	0.17
35D	0.17	DEAD					35D-1	0.17
35D	0.34	DEAD					35D-1	0.34
35D	0.34	DEAD					35D-1	0.34
35D	0.34	DEAD					35D-1	0.34
35D	0.34	DEAD					35D-1	0.34
35D	0.	Lr					35D-1	0.
35D	0.	Lr					35D-1	0.
35D	0.	Lr					35D-1	0.
35D	0.	Lr					35D-1	0.
35D	0.17	Lr					35D-1	0.17
35D	0.17	Lr					35D-1	0.17
35D	0.17	Lr					35D-1	0.17
35D	0.17	Lr					35D-1	0.17
35D	0.34	Lr					35D-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
35D	0.34	Lr					35D-1	0.34
35D	0.34	Lr					35D-1	0.34
35D	0.34	Lr					35D-1	0.34
35D	0.	Le					35D-1	0.
35D	0.	Le					35D-1	0.
35D	0.	Le					35D-1	0.
35D	0.	Le					35D-1	0.
35D	0.17	Le					35D-1	0.17
35D	0.17	Le					35D-1	0.17
35D	0.17	Le					35D-1	0.17
35D	0.17	Le					35D-1	0.17
35D	0.34	Le					35D-1	0.34
35D	0.34	Le					35D-1	0.34
35D	0.34	Le					35D-1	0.34
35D	0.34	Le					35D-1	0.34
35E	0.	DEAD					35E-1	0.
35E	0.	DEAD					35E-1	0.
35E	0.	DEAD					35E-1	0.
35E	0.	DEAD					35E-1	0.
35E	0.17	DEAD					35E-1	0.17
35E	0.17	DEAD					35E-1	0.17
35E	0.17	DEAD					35E-1	0.17
35E	0.17	DEAD					35E-1	0.17
35E	0.34	DEAD					35E-1	0.34
35E	0.34	DEAD					35E-1	0.34
35E	0.34	DEAD					35E-1	0.34
35E	0.34	DEAD					35E-1	0.34
35E	0.	Lr					35E-1	0.
35E	0.	Lr					35E-1	0.
35E	0.	Lr					35E-1	0.
35E	0.	Lr					35E-1	0.
35E	0.17	Lr					35E-1	0.17
35E	0.17	Lr					35E-1	0.17
35E	0.17	Lr					35E-1	0.17
35E	0.17	Lr					35E-1	0.17
35E	0.34	Lr					35E-1	0.34
35E	0.34	Lr					35E-1	0.34
35E	0.34	Lr					35E-1	0.34
35E	0.34	Lr					35E-1	0.34
35E	0.	Le					35E-1	0.
35E	0.	Le					35E-1	0.
35E	0.	Le					35E-1	0.
35E	0.	Le					35E-1	0.
35E	0.17	Le					35E-1	0.17
35E	0.17	Le					35E-1	0.17
35E	0.17	Le					35E-1	0.17
35E	0.17	Le					35E-1	0.17
35E	0.34	Le					35E-1	0.34
35E	0.34	Le					35E-1	0.34
35E	0.34	Le					35E-1	0.34
35E	0.34	Le					35E-1	0.34
35F	0.	DEAD					35F-1	0.
35F	0.	DEAD					35F-1	0.
35F	0.	DEAD					35F-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
35F	0.	DEAD					35F-1	0.
35F	0.17	DEAD					35F-1	0.17
35F	0.17	DEAD					35F-1	0.17
35F	0.17	DEAD					35F-1	0.17
35F	0.17	DEAD					35F-1	0.17
35F	0.34	DEAD					35F-1	0.34
35F	0.34	DEAD					35F-1	0.34
35F	0.34	DEAD					35F-1	0.34
35F	0.34	DEAD					35F-1	0.34
35F	0.	Lr					35F-1	0.
35F	0.	Lr					35F-1	0.
35F	0.	Lr					35F-1	0.
35F	0.	Lr					35F-1	0.
35F	0.17	Lr					35F-1	0.17
35F	0.17	Lr					35F-1	0.17
35F	0.17	Lr					35F-1	0.17
35F	0.17	Lr					35F-1	0.17
35F	0.34	Lr					35F-1	0.34
35F	0.34	Lr					35F-1	0.34
35F	0.34	Lr					35F-1	0.34
35F	0.34	Lr					35F-1	0.34
35F	0.	Le					35F-1	0.
35F	0.	Le					35F-1	0.
35F	0.	Le					35F-1	0.
35F	0.	Le					35F-1	0.
35F	0.17	Le					35F-1	0.17
35F	0.17	Le					35F-1	0.17
35F	0.17	Le					35F-1	0.17
35F	0.17	Le					35F-1	0.17
35F	0.34	Le					35F-1	0.34
35F	0.34	Le					35F-1	0.34
35F	0.34	Le					35F-1	0.34
35F	0.34	Le					35F-1	0.34
360	0.	DEAD					360-1	0.
360	0.	DEAD					360-1	0.
360	0.	DEAD					360-1	0.
360	0.	DEAD					360-1	0.
360	0.17	DEAD					360-1	0.17
360	0.17	DEAD					360-1	0.17
360	0.17	DEAD					360-1	0.17
360	0.17	DEAD					360-1	0.17
360	0.34	DEAD					360-1	0.34
360	0.34	DEAD					360-1	0.34
360	0.34	DEAD					360-1	0.34
360	0.34	DEAD					360-1	0.34
360	0.	Lr					360-1	0.
360	0.	Lr					360-1	0.
360	0.	Lr					360-1	0.
360	0.	Lr					360-1	0.
360	0.17	Lr					360-1	0.17
360	0.17	Lr					360-1	0.17
360	0.17	Lr					360-1	0.17
360	0.17	Lr					360-1	0.17
360	0.34	Lr					360-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
360	0.34	Lr					360-1	0.34
360	0.34	Lr					360-1	0.34
360	0.34	Lr					360-1	0.34
360	0.	Le					360-1	0.
360	0.	Le					360-1	0.
360	0.	Le					360-1	0.
360	0.	Le					360-1	0.
360	0.17	Le					360-1	0.17
360	0.17	Le					360-1	0.17
360	0.17	Le					360-1	0.17
360	0.17	Le					360-1	0.17
360	0.34	Le					360-1	0.34
360	0.34	Le					360-1	0.34
360	0.34	Le					360-1	0.34
360	0.34	Le					360-1	0.34
361	0.	DEAD					361-1	0.
361	0.	DEAD					361-1	0.
361	0.	DEAD					361-1	0.
361	0.	DEAD					361-1	0.
361	0.17	DEAD					361-1	0.17
361	0.17	DEAD					361-1	0.17
361	0.17	DEAD					361-1	0.17
361	0.17	DEAD					361-1	0.17
361	0.34	DEAD					361-1	0.34
361	0.34	DEAD					361-1	0.34
361	0.34	DEAD					361-1	0.34
361	0.34	DEAD					361-1	0.34
361	0.	Lr					361-1	0.
361	0.	Lr					361-1	0.
361	0.	Lr					361-1	0.
361	0.	Lr					361-1	0.
361	0.17	Lr					361-1	0.17
361	0.17	Lr					361-1	0.17
361	0.17	Lr					361-1	0.17
361	0.17	Lr					361-1	0.17
361	0.34	Lr					361-1	0.34
361	0.34	Lr					361-1	0.34
361	0.34	Lr					361-1	0.34
361	0.34	Lr					361-1	0.34
361	0.	Le					361-1	0.
361	0.	Le					361-1	0.
361	0.	Le					361-1	0.
361	0.	Le					361-1	0.
361	0.17	Le					361-1	0.17
361	0.17	Le					361-1	0.17
361	0.17	Le					361-1	0.17
361	0.17	Le					361-1	0.17
361	0.34	Le					361-1	0.34
361	0.34	Le					361-1	0.34
361	0.34	Le					361-1	0.34
361	0.34	Le					361-1	0.34
362	0.	DEAD					362-1	0.
362	0.	DEAD					362-1	0.
362	0.	DEAD					362-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
362	0.	DEAD					362-1	0.
362	0.17	DEAD					362-1	0.17
362	0.17	DEAD					362-1	0.17
362	0.17	DEAD					362-1	0.17
362	0.17	DEAD					362-1	0.17
362	0.34	DEAD					362-1	0.34
362	0.34	DEAD					362-1	0.34
362	0.34	DEAD					362-1	0.34
362	0.34	DEAD					362-1	0.34
362	0.	Lr					362-1	0.
362	0.	Lr					362-1	0.
362	0.	Lr					362-1	0.
362	0.	Lr					362-1	0.
362	0.17	Lr					362-1	0.17
362	0.17	Lr					362-1	0.17
362	0.17	Lr					362-1	0.17
362	0.17	Lr					362-1	0.17
362	0.34	Lr					362-1	0.34
362	0.34	Lr					362-1	0.34
362	0.34	Lr					362-1	0.34
362	0.34	Lr					362-1	0.34
362	0.	Le					362-1	0.
362	0.	Le					362-1	0.
362	0.	Le					362-1	0.
362	0.	Le					362-1	0.
362	0.17	Le					362-1	0.17
362	0.17	Le					362-1	0.17
362	0.17	Le					362-1	0.17
362	0.17	Le					362-1	0.17
362	0.34	Le					362-1	0.34
362	0.34	Le					362-1	0.34
362	0.34	Le					362-1	0.34
362	0.34	Le					362-1	0.34
363	0.	DEAD	No	No	No	No	363-1	0.
363	0.	DEAD	No	No	No	No	363-1	0.
363	0.	DEAD	No	No	No	No	363-1	0.
363	0.	DEAD	No	No	No	No	363-1	0.
363	0.	DEAD	No	No	Yes	No	363-1	0.
363	0.	DEAD	No	Yes	No	Yes	363-1	0.
363	0.	DEAD	No	No	No	No	363-1	0.
363	0.	DEAD	No	No	No	No	363-1	0.
363	0.	DEAD	Yes	No	No	No	363-1	0.
363	0.26249	DEAD	No	No	No	No	363-1	0.26249
363	0.26249	DEAD	No	No	Yes	No	363-1	0.26249
363	0.26249	DEAD	No	No	No	No	363-1	0.26249
363	0.26249	DEAD	No	No	No	No	363-1	0.26249
363	0.26249	DEAD	No	No	No	No	363-1	0.26249
363	0.26249	DEAD	No	No	No	No	363-1	0.26249
363	0.26249	DEAD	No	No	No	No	363-1	0.26249
363	0.26249	DEAD	Yes	Yes	No	Yes	363-1	0.26249
363	0.52498	DEAD	No	No	No	No	363-1	0.52498
363	0.52498	DEAD	No	No	Yes	No	363-1	0.52498
363	0.52498	DEAD	No	No	No	No	363-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
363	0.52498	DEAD	No	No	No	No	363-1	0.52498
363	0.52498	DEAD	No	No	No	No	363-1	0.52498
363	0.52498	DEAD	No	No	No	No	363-1	0.52498
363	0.52498	DEAD	No	Yes	No	Yes	363-1	0.52498
363	0.52498	DEAD	No	No	No	No	363-1	0.52498
363	0.52498	DEAD	Yes	No	No	No	363-1	0.52498
363	0.	Lr	No	No	No	No	363-1	0.
363	0.	Lr	No	No	Yes	No	363-1	0.
363	0.	Lr	No	No	No	No	363-1	0.
363	0.	Lr	No	No	No	No	363-1	0.
363	0.	Lr	No	No	No	No	363-1	0.
363	0.	Lr	No	Yes	No	Yes	363-1	0.
363	0.	Lr	No	No	No	No	363-1	0.
363	0.	Lr	No	No	No	No	363-1	0.
363	0.	Lr	Yes	No	No	No	363-1	0.
363	0.26249	Lr	No	No	No	No	363-1	0.26249
363	0.26249	Lr	No	No	Yes	No	363-1	0.26249
363	0.26249	Lr	No	No	No	No	363-1	0.26249
363	0.26249	Lr	No	No	No	No	363-1	0.26249
363	0.26249	Lr	No	No	No	No	363-1	0.26249
363	0.26249	Lr	No	No	No	No	363-1	0.26249
363	0.26249	Lr	No	No	No	No	363-1	0.26249
363	0.26249	Lr	No	No	No	No	363-1	0.26249
363	0.26249	Lr	Yes	Yes	No	Yes	363-1	0.26249
363	0.52498	Lr	No	No	No	No	363-1	0.52498
363	0.52498	Lr	No	No	No	No	363-1	0.52498
363	0.52498	Lr	No	No	No	No	363-1	0.52498
363	0.52498	Lr	No	No	No	No	363-1	0.52498
363	0.52498	Lr	No	No	Yes	No	363-1	0.52498
363	0.52498	Lr	No	No	No	No	363-1	0.52498
363	0.52498	Lr	No	Yes	No	Yes	363-1	0.52498
363	0.52498	Lr	No	No	No	No	363-1	0.52498
363	0.52498	Lr	Yes	No	No	No	363-1	0.52498
363	0.	Le	No	No	No	No	363-1	0.
363	0.	Le	No	No	Yes	No	363-1	0.
363	0.	Le	No	No	No	No	363-1	0.
363	0.	Le	No	No	No	No	363-1	0.
363	0.	Le	No	No	No	No	363-1	0.
363	0.	Le	No	Yes	No	Yes	363-1	0.
363	0.	Le	No	No	No	No	363-1	0.
363	0.	Le	No	No	No	No	363-1	0.
363	0.	Le	Yes	No	No	No	363-1	0.
363	0.26249	Le	No	No	No	No	363-1	0.26249
363	0.26249	Le	No	No	Yes	No	363-1	0.26249
363	0.26249	Le	No	No	No	No	363-1	0.26249
363	0.26249	Le	No	No	No	No	363-1	0.26249
363	0.26249	Le	No	No	No	No	363-1	0.26249
363	0.26249	Le	No	No	No	No	363-1	0.26249
363	0.26249	Le	No	No	No	No	363-1	0.26249
363	0.26249	Le	No	No	No	No	363-1	0.26249
363	0.26249	Le	Yes	Yes	No	Yes	363-1	0.26249
363	0.52498	Le	No	No	No	No	363-1	0.52498
363	0.52498	Le	No	No	No	No	363-1	0.52498
363	0.52498	Le	No	No	No	No	363-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
363	0.52498	Le	No	No	No	No	363-1	0.52498
363	0.52498	Le	No	No	Yes	No	363-1	0.52498
363	0.52498	Le	No	No	No	No	363-1	0.52498
363	0.52498	Le	No	Yes	No	Yes	363-1	0.52498
363	0.52498	Le	No	No	No	No	363-1	0.52498
363	0.52498	Le	Yes	No	No	No	363-1	0.52498
364	0.	DEAD	No	No	No	No	364-1	0.
364	0.	DEAD	No	No	No	Yes	364-1	0.
364	0.	DEAD	No	No	No	No	364-1	0.
364	0.	DEAD	No	Yes	No	No	364-1	0.
364	0.	DEAD	No	No	No	No	364-1	0.
364	0.	DEAD	No	No	No	No	364-1	0.
364	0.	DEAD	No	No	No	No	364-1	0.
364	0.	DEAD	No	No	No	No	364-1	0.
364	0.	DEAD	Yes	No	Yes	No	364-1	0.
364	0.26249	DEAD	No	Yes	No	No	364-1	0.26249
364	0.26249	DEAD	No	No	No	Yes	364-1	0.26249
364	0.26249	DEAD	No	No	No	No	364-1	0.26249
364	0.26249	DEAD	No	No	No	No	364-1	0.26249
364	0.26249	DEAD	No	No	No	No	364-1	0.26249
364	0.26249	DEAD	No	No	No	No	364-1	0.26249
364	0.26249	DEAD	No	No	No	No	364-1	0.26249
364	0.26249	DEAD	No	No	No	No	364-1	0.26249
364	0.26249	DEAD	Yes	No	Yes	No	364-1	0.26249
364	0.52498	DEAD	No	No	No	No	364-1	0.52498
364	0.52498	DEAD	No	No	No	Yes	364-1	0.52498
364	0.52498	DEAD	No	No	No	No	364-1	0.52498
364	0.52498	DEAD	No	No	No	No	364-1	0.52498
364	0.52498	DEAD	No	Yes	No	No	364-1	0.52498
364	0.52498	DEAD	No	No	No	No	364-1	0.52498
364	0.52498	DEAD	No	No	No	No	364-1	0.52498
364	0.52498	DEAD	No	No	No	No	364-1	0.52498
364	0.52498	DEAD	Yes	No	Yes	No	364-1	0.52498
364	0.	Lr	No	Yes	No	No	364-1	0.
364	0.	Lr	No	No	No	Yes	364-1	0.
364	0.	Lr	No	No	No	No	364-1	0.
364	0.	Lr	No	No	No	No	364-1	0.
364	0.	Lr	No	No	No	No	364-1	0.
364	0.	Lr	No	No	No	No	364-1	0.
364	0.	Lr	No	No	No	No	364-1	0.
364	0.	Lr	No	No	No	No	364-1	0.
364	0.	Lr	Yes	No	Yes	No	364-1	0.
364	0.26249	Lr	No	Yes	No	No	364-1	0.26249
364	0.26249	Lr	No	No	No	Yes	364-1	0.26249
364	0.26249	Lr	No	No	No	No	364-1	0.26249
364	0.26249	Lr	No	No	No	No	364-1	0.26249
364	0.26249	Lr	No	No	No	No	364-1	0.26249
364	0.26249	Lr	No	No	No	No	364-1	0.26249
364	0.26249	Lr	No	No	No	No	364-1	0.26249
364	0.26249	Lr	No	No	No	No	364-1	0.26249
364	0.26249	Lr	Yes	No	Yes	No	364-1	0.26249
364	0.52498	Lr	No	Yes	No	No	364-1	0.52498
364	0.52498	Lr	No	No	No	Yes	364-1	0.52498
364	0.52498	Lr	No	No	No	No	364-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
364	0.52498	Lr	No	No	No	No	364-1	0.52498
364	0.52498	Lr	No	No	No	No	364-1	0.52498
364	0.52498	Lr	No	No	No	No	364-1	0.52498
364	0.52498	Lr	No	No	No	No	364-1	0.52498
364	0.52498	Lr	No	No	No	No	364-1	0.52498
364	0.52498	Lr	Yes	No	Yes	No	364-1	0.52498
364	0.	Le	No	Yes	No	No	364-1	0.
364	0.	Le	No	No	No	Yes	364-1	0.
364	0.	Le	No	No	No	No	364-1	0.
364	0.	Le	No	No	No	No	364-1	0.
364	0.	Le	No	No	No	No	364-1	0.
364	0.	Le	No	No	No	No	364-1	0.
364	0.	Le	No	No	No	No	364-1	0.
364	0.	Le	No	No	No	No	364-1	0.
364	0.	Le	Yes	No	Yes	No	364-1	0.
364	0.26249	Le	No	Yes	No	No	364-1	0.26249
364	0.26249	Le	No	No	No	Yes	364-1	0.26249
364	0.26249	Le	No	No	No	No	364-1	0.26249
364	0.26249	Le	No	No	No	No	364-1	0.26249
364	0.26249	Le	No	No	No	No	364-1	0.26249
364	0.26249	Le	No	No	No	No	364-1	0.26249
364	0.26249	Le	No	No	No	No	364-1	0.26249
364	0.26249	Le	No	No	No	No	364-1	0.26249
364	0.26249	Le	Yes	No	Yes	No	364-1	0.26249
364	0.52498	Le	No	Yes	No	No	364-1	0.52498
364	0.52498	Le	No	No	No	Yes	364-1	0.52498
364	0.52498	Le	No	No	No	No	364-1	0.52498
364	0.52498	Le	No	No	No	No	364-1	0.52498
364	0.52498	Le	No	No	No	No	364-1	0.52498
364	0.52498	Le	No	No	No	No	364-1	0.52498
364	0.52498	Le	No	No	No	No	364-1	0.52498
364	0.52498	Le	Yes	No	Yes	No	364-1	0.52498
365	0.	DEAD	No	No	No	No	365-1	0.
365	0.	DEAD	No	No	No	No	365-1	0.
365	0.	DEAD	No	No	No	No	365-1	0.
365	0.	DEAD	No	No	No	No	365-1	0.
365	0.	DEAD	No	No	Yes	No	365-1	0.
365	0.	DEAD	No	No	No	No	365-1	0.
365	0.	DEAD	No	No	No	No	365-1	0.
365	0.	DEAD	No	Yes	No	Yes	365-1	0.
365	0.	DEAD	Yes	No	No	No	365-1	0.
365	0.26249	DEAD	No	No	No	No	365-1	0.26249
365	0.26249	DEAD	No	No	Yes	No	365-1	0.26249
365	0.26249	DEAD	No	No	No	No	365-1	0.26249
365	0.26249	DEAD	No	No	No	No	365-1	0.26249
365	0.26249	DEAD	No	No	No	No	365-1	0.26249
365	0.26249	DEAD	No	No	No	No	365-1	0.26249
365	0.26249	DEAD	No	No	No	No	365-1	0.26249
365	0.26249	DEAD	No	No	No	No	365-1	0.26249
365	0.26249	DEAD	Yes	Yes	No	Yes	365-1	0.26249
365	0.52498	DEAD	No	No	No	No	365-1	0.52498
365	0.52498	DEAD	No	No	No	No	365-1	0.52498
365	0.52498	DEAD	No	No	No	No	365-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
365	0.52498	DEAD	No	No	No	No	365-1	0.52498
365	0.52498	DEAD	No	No	No	No	365-1	0.52498
365	0.52498	DEAD	No	No	Yes	No	365-1	0.52498
365	0.52498	DEAD	No	Yes	No	Yes	365-1	0.52498
365	0.52498	DEAD	No	No	No	No	365-1	0.52498
365	0.52498	DEAD	Yes	No	No	No	365-1	0.52498
365	0.	Lr	No	No	No	No	365-1	0.
365	0.	Lr	No	No	Yes	No	365-1	0.
365	0.	Lr	No	No	No	No	365-1	0.
365	0.	Lr	No	No	No	No	365-1	0.
365	0.	Lr	No	No	No	No	365-1	0.
365	0.	Lr	No	No	No	No	365-1	0.
365	0.	Lr	No	No	No	No	365-1	0.
365	0.	Lr	No	Yes	No	Yes	365-1	0.
365	0.	Lr	Yes	No	No	No	365-1	0.
365	0.26249	Lr	No	No	No	No	365-1	0.26249
365	0.26249	Lr	No	No	Yes	No	365-1	0.26249
365	0.26249	Lr	No	No	No	No	365-1	0.26249
365	0.26249	Lr	No	No	No	No	365-1	0.26249
365	0.26249	Lr	No	No	No	No	365-1	0.26249
365	0.26249	Lr	No	No	No	No	365-1	0.26249
365	0.26249	Lr	No	No	No	No	365-1	0.26249
365	0.26249	Lr	No	No	No	No	365-1	0.26249
365	0.26249	Lr	Yes	Yes	No	Yes	365-1	0.26249
365	0.52498	Lr	No	No	No	No	365-1	0.52498
365	0.52498	Lr	No	No	Yes	No	365-1	0.52498
365	0.52498	Lr	No	No	No	No	365-1	0.52498
365	0.52498	Lr	No	No	No	No	365-1	0.52498
365	0.52498	Lr	No	No	No	No	365-1	0.52498
365	0.52498	Lr	No	No	No	No	365-1	0.52498
365	0.52498	Lr	No	Yes	No	Yes	365-1	0.52498
365	0.52498	Lr	No	No	No	No	365-1	0.52498
365	0.52498	Lr	Yes	No	No	No	365-1	0.52498
365	0.	Le	No	No	No	No	365-1	0.
365	0.	Le	No	No	Yes	No	365-1	0.
365	0.	Le	No	No	No	No	365-1	0.
365	0.	Le	No	No	No	No	365-1	0.
365	0.	Le	No	No	No	No	365-1	0.
365	0.	Le	No	No	No	No	365-1	0.
365	0.	Le	No	No	No	No	365-1	0.
365	0.	Le	No	Yes	No	Yes	365-1	0.
365	0.	Le	Yes	No	No	No	365-1	0.
365	0.26249	Le	No	No	No	No	365-1	0.26249
365	0.26249	Le	No	No	Yes	No	365-1	0.26249
365	0.26249	Le	No	No	No	No	365-1	0.26249
365	0.26249	Le	No	No	No	No	365-1	0.26249
365	0.26249	Le	No	No	No	No	365-1	0.26249
365	0.26249	Le	No	No	No	No	365-1	0.26249
365	0.26249	Le	No	No	No	No	365-1	0.26249
365	0.26249	Le	No	No	No	No	365-1	0.26249
365	0.26249	Le	Yes	Yes	No	Yes	365-1	0.26249
365	0.52498	Le	No	No	No	No	365-1	0.52498
365	0.52498	Le	No	No	Yes	No	365-1	0.52498
365	0.52498	Le	No	No	No	No	365-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
365	0.52498	Le	No	No	No	No	365-1	0.52498
365	0.52498	Le	No	No	No	No	365-1	0.52498
365	0.52498	Le	No	No	No	No	365-1	0.52498
365	0.52498	Le	No	Yes	No	Yes	365-1	0.52498
365	0.52498	Le	No	No	No	No	365-1	0.52498
365	0.52498	Le	Yes	No	No	No	365-1	0.52498
366	0.	DEAD	No	No	No	No	366-1	0.
366	0.	DEAD	Yes	No	No	Yes	366-1	0.
366	0.	DEAD	No	No	No	No	366-1	0.
366	0.	DEAD	No	No	No	No	366-1	0.
366	0.	DEAD	No	No	No	No	366-1	0.
366	0.	DEAD	No	No	No	No	366-1	0.
366	0.	DEAD	No	No	No	No	366-1	0.
366	0.	DEAD	No	No	No	No	366-1	0.
366	0.	DEAD	No	Yes	Yes	No	366-1	0.
366	0.26249	DEAD	No	No	No	No	366-1	0.26249
366	0.26249	DEAD	Yes	No	No	Yes	366-1	0.26249
366	0.26249	DEAD	No	No	No	No	366-1	0.26249
366	0.26249	DEAD	No	No	No	No	366-1	0.26249
366	0.26249	DEAD	No	Yes	No	No	366-1	0.26249
366	0.26249	DEAD	No	No	No	No	366-1	0.26249
366	0.26249	DEAD	No	No	No	No	366-1	0.26249
366	0.26249	DEAD	No	No	No	No	366-1	0.26249
366	0.26249	DEAD	No	No	Yes	No	366-1	0.26249
366	0.52498	DEAD	No	No	No	No	366-1	0.52498
366	0.52498	DEAD	Yes	No	No	Yes	366-1	0.52498
366	0.52498	DEAD	No	No	No	No	366-1	0.52498
366	0.52498	DEAD	No	No	No	No	366-1	0.52498
366	0.52498	DEAD	No	No	No	No	366-1	0.52498
366	0.52498	DEAD	No	No	No	No	366-1	0.52498
366	0.52498	DEAD	No	No	No	No	366-1	0.52498
366	0.52498	DEAD	No	No	No	No	366-1	0.52498
366	0.52498	DEAD	No	Yes	Yes	No	366-1	0.52498
366	0.	Lr	No	No	No	No	366-1	0.
366	0.	Lr	Yes	No	No	Yes	366-1	0.
366	0.	Lr	No	No	No	No	366-1	0.
366	0.	Lr	No	No	No	No	366-1	0.
366	0.	Lr	No	Yes	No	No	366-1	0.
366	0.	Lr	No	No	No	No	366-1	0.
366	0.	Lr	No	No	No	No	366-1	0.
366	0.	Lr	No	No	No	No	366-1	0.
366	0.	Lr	No	No	Yes	No	366-1	0.
366	0.26249	Lr	No	No	No	No	366-1	0.26249
366	0.26249	Lr	Yes	No	No	Yes	366-1	0.26249
366	0.26249	Lr	No	No	No	No	366-1	0.26249
366	0.26249	Lr	No	No	No	No	366-1	0.26249
366	0.26249	Lr	No	Yes	No	No	366-1	0.26249
366	0.26249	Lr	No	No	No	No	366-1	0.26249
366	0.26249	Lr	No	No	No	No	366-1	0.26249
366	0.26249	Lr	No	No	No	No	366-1	0.26249
366	0.26249	Lr	No	No	Yes	No	366-1	0.26249
366	0.52498	Lr	No	No	No	No	366-1	0.52498
366	0.52498	Lr	Yes	No	No	Yes	366-1	0.52498
366	0.52498	Lr	No	No	No	No	366-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
366	0.52498	Lr	No	No	No	No	366-1	0.52498
366	0.52498	Lr	No	Yes	No	No	366-1	0.52498
366	0.52498	Lr	No	No	No	No	366-1	0.52498
366	0.52498	Lr	No	No	No	No	366-1	0.52498
366	0.52498	Lr	No	No	No	No	366-1	0.52498
366	0.52498	Lr	No	No	Yes	No	366-1	0.52498
366	0.	Le	No	No	No	No	366-1	0.
366	0.	Le	Yes	No	No	Yes	366-1	0.
366	0.	Le	No	No	No	No	366-1	0.
366	0.	Le	No	No	No	No	366-1	0.
366	0.	Le	No	Yes	No	No	366-1	0.
366	0.	Le	No	No	No	No	366-1	0.
366	0.	Le	No	No	No	No	366-1	0.
366	0.	Le	No	No	No	No	366-1	0.
366	0.	Le	No	No	Yes	No	366-1	0.
366	0.26249	Le	No	No	No	No	366-1	0.26249
366	0.26249	Le	Yes	No	No	Yes	366-1	0.26249
366	0.26249	Le	No	No	No	No	366-1	0.26249
366	0.26249	Le	No	No	No	No	366-1	0.26249
366	0.26249	Le	No	Yes	No	No	366-1	0.26249
366	0.26249	Le	No	No	No	No	366-1	0.26249
366	0.26249	Le	No	No	No	No	366-1	0.26249
366	0.26249	Le	No	No	No	No	366-1	0.26249
366	0.26249	Le	No	No	Yes	No	366-1	0.26249
366	0.52498	Le	No	No	No	No	366-1	0.52498
366	0.52498	Le	Yes	No	No	Yes	366-1	0.52498
366	0.52498	Le	No	No	No	No	366-1	0.52498
366	0.52498	Le	No	No	No	No	366-1	0.52498
366	0.52498	Le	No	Yes	No	No	366-1	0.52498
366	0.52498	Le	No	No	No	No	366-1	0.52498
366	0.52498	Le	No	No	No	No	366-1	0.52498
366	0.52498	Le	No	No	No	No	366-1	0.52498
366	0.52498	Le	No	No	Yes	No	366-1	0.52498
367	0.	DEAD	No	No	No	No	367-1	0.
367	0.	DEAD	No	No	No	No	367-1	0.
367	0.	DEAD	No	No	No	No	367-1	0.
367	0.	DEAD	No	No	No	No	367-1	0.
367	0.	DEAD	No	No	Yes	No	367-1	0.
367	0.	DEAD	No	No	No	No	367-1	0.
367	0.	DEAD	No	No	No	No	367-1	0.
367	0.	DEAD	No	No	No	No	367-1	0.
367	0.	DEAD	Yes	Yes	No	Yes	367-1	0.
367	0.26249	DEAD	No	No	No	No	367-1	0.26249
367	0.26249	DEAD	No	No	Yes	No	367-1	0.26249
367	0.26249	DEAD	No	No	No	No	367-1	0.26249
367	0.26249	DEAD	No	No	No	No	367-1	0.26249
367	0.26249	DEAD	No	No	No	No	367-1	0.26249
367	0.26249	DEAD	No	No	No	No	367-1	0.26249
367	0.26249	DEAD	No	No	No	No	367-1	0.26249
367	0.26249	DEAD	No	No	No	No	367-1	0.26249
367	0.26249	DEAD	Yes	Yes	No	Yes	367-1	0.26249
367	0.52498	DEAD	No	No	No	No	367-1	0.52498
367	0.52498	DEAD	No	No	No	No	367-1	0.52498
367	0.52498	DEAD	No	No	No	No	367-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
367	0.52498	DEAD	No	No	No	No	367-1	0.52498
367	0.52498	DEAD	No	No	No	No	367-1	0.52498
367	0.52498	DEAD	No	No	Yes	No	367-1	0.52498
367	0.52498	DEAD	No	No	No	No	367-1	0.52498
367	0.52498	DEAD	No	No	No	No	367-1	0.52498
367	0.52498	DEAD	Yes	Yes	No	Yes	367-1	0.52498
367	0.	Lr	No	No	No	No	367-1	0.
367	0.	Lr	No	No	Yes	No	367-1	0.
367	0.	Lr	No	No	No	No	367-1	0.
367	0.	Lr	No	No	No	No	367-1	0.
367	0.	Lr	No	No	No	No	367-1	0.
367	0.	Lr	No	No	No	No	367-1	0.
367	0.	Lr	No	No	No	No	367-1	0.
367	0.	Lr	No	No	No	No	367-1	0.
367	0.	Lr	Yes	Yes	No	Yes	367-1	0.
367	0.26249	Lr	No	No	No	No	367-1	0.26249
367	0.26249	Lr	No	No	Yes	No	367-1	0.26249
367	0.26249	Lr	No	No	No	No	367-1	0.26249
367	0.26249	Lr	No	No	No	No	367-1	0.26249
367	0.26249	Lr	No	No	No	No	367-1	0.26249
367	0.26249	Lr	No	No	No	No	367-1	0.26249
367	0.26249	Lr	No	No	No	No	367-1	0.26249
367	0.26249	Lr	No	No	No	No	367-1	0.26249
367	0.26249	Lr	Yes	Yes	No	Yes	367-1	0.26249
367	0.52498	Lr	No	No	No	No	367-1	0.52498
367	0.52498	Lr	No	No	Yes	No	367-1	0.52498
367	0.52498	Lr	No	No	No	No	367-1	0.52498
367	0.52498	Lr	No	No	No	No	367-1	0.52498
367	0.52498	Lr	No	No	No	No	367-1	0.52498
367	0.52498	Lr	No	No	No	No	367-1	0.52498
367	0.52498	Lr	No	No	No	No	367-1	0.52498
367	0.52498	Lr	No	No	No	No	367-1	0.52498
367	0.52498	Lr	Yes	Yes	No	Yes	367-1	0.52498
367	0.	Le	No	No	No	No	367-1	0.
367	0.	Le	No	No	Yes	No	367-1	0.
367	0.	Le	No	No	No	No	367-1	0.
367	0.	Le	No	No	No	No	367-1	0.
367	0.	Le	No	No	No	No	367-1	0.
367	0.	Le	No	No	No	No	367-1	0.
367	0.	Le	No	No	No	No	367-1	0.
367	0.	Le	No	No	No	No	367-1	0.
367	0.	Le	Yes	Yes	No	Yes	367-1	0.
367	0.26249	Le	No	No	No	No	367-1	0.26249
367	0.26249	Le	No	No	Yes	No	367-1	0.26249
367	0.26249	Le	No	No	No	No	367-1	0.26249
367	0.26249	Le	No	No	No	No	367-1	0.26249
367	0.26249	Le	No	No	No	No	367-1	0.26249
367	0.26249	Le	No	No	No	No	367-1	0.26249
367	0.26249	Le	No	No	No	No	367-1	0.26249
367	0.26249	Le	No	No	No	No	367-1	0.26249
367	0.26249	Le	Yes	Yes	No	Yes	367-1	0.26249
367	0.52498	Le	No	No	No	No	367-1	0.52498
367	0.52498	Le	No	No	Yes	No	367-1	0.52498
367	0.52498	Le	No	No	No	No	367-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
367	0.52498	Le	No	No	No	No	367-1	0.52498
367	0.52498	Le	No	No	No	No	367-1	0.52498
367	0.52498	Le	No	No	No	No	367-1	0.52498
367	0.52498	Le	No	No	No	No	367-1	0.52498
367	0.52498	Le	No	No	No	No	367-1	0.52498
367	0.52498	Le	Yes	Yes	No	Yes	367-1	0.52498
368	0.	DEAD	No	No	No	No	368-1	0.
368	0.	DEAD	Yes	No	No	Yes	368-1	0.
368	0.	DEAD	No	No	No	No	368-1	0.
368	0.	DEAD	No	No	No	No	368-1	0.
368	0.	DEAD	No	Yes	No	No	368-1	0.
368	0.	DEAD	No	No	No	No	368-1	0.
368	0.	DEAD	No	No	No	No	368-1	0.
368	0.	DEAD	No	No	No	No	368-1	0.
368	0.	DEAD	No	No	Yes	No	368-1	0.
368	0.26249	DEAD	No	Yes	No	No	368-1	0.26249
368	0.26249	DEAD	Yes	No	No	Yes	368-1	0.26249
368	0.26249	DEAD	No	No	No	No	368-1	0.26249
368	0.26249	DEAD	No	No	No	No	368-1	0.26249
368	0.26249	DEAD	No	No	No	No	368-1	0.26249
368	0.26249	DEAD	No	No	No	No	368-1	0.26249
368	0.26249	DEAD	No	No	No	No	368-1	0.26249
368	0.26249	DEAD	No	No	No	No	368-1	0.26249
368	0.26249	DEAD	No	No	Yes	No	368-1	0.26249
368	0.52498	DEAD	No	No	No	No	368-1	0.52498
368	0.52498	DEAD	Yes	No	No	Yes	368-1	0.52498
368	0.52498	DEAD	No	No	No	No	368-1	0.52498
368	0.52498	DEAD	No	No	No	No	368-1	0.52498
368	0.52498	DEAD	No	No	No	No	368-1	0.52498
368	0.52498	DEAD	No	Yes	No	No	368-1	0.52498
368	0.52498	DEAD	No	No	No	No	368-1	0.52498
368	0.52498	DEAD	No	No	No	No	368-1	0.52498
368	0.52498	DEAD	No	No	Yes	No	368-1	0.52498
368	0.	Lr	No	Yes	No	No	368-1	0.
368	0.	Lr	Yes	No	No	Yes	368-1	0.
368	0.	Lr	No	No	No	No	368-1	0.
368	0.	Lr	No	No	No	No	368-1	0.
368	0.	Lr	No	No	No	No	368-1	0.
368	0.	Lr	No	No	No	No	368-1	0.
368	0.	Lr	No	No	No	No	368-1	0.
368	0.	Lr	No	No	No	No	368-1	0.
368	0.	Lr	No	No	Yes	No	368-1	0.
368	0.26249	Lr	No	Yes	No	No	368-1	0.26249
368	0.26249	Lr	Yes	No	No	Yes	368-1	0.26249
368	0.26249	Lr	No	No	No	No	368-1	0.26249
368	0.26249	Lr	No	No	No	No	368-1	0.26249
368	0.26249	Lr	No	No	No	No	368-1	0.26249
368	0.26249	Lr	No	No	No	No	368-1	0.26249
368	0.26249	Lr	No	No	No	No	368-1	0.26249
368	0.26249	Lr	No	No	No	No	368-1	0.26249
368	0.26249	Lr	No	No	Yes	No	368-1	0.26249
368	0.52498	Lr	No	Yes	No	No	368-1	0.52498
368	0.52498	Lr	Yes	No	No	Yes	368-1	0.52498
368	0.52498	Lr	No	No	No	No	368-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
368	0.52498	Lr	No	No	No	No	368-1	0.52498
368	0.52498	Lr	No	No	No	No	368-1	0.52498
368	0.52498	Lr	No	No	No	No	368-1	0.52498
368	0.52498	Lr	No	No	No	No	368-1	0.52498
368	0.52498	Lr	No	No	No	No	368-1	0.52498
368	0.52498	Lr	No	No	Yes	No	368-1	0.52498
368	0.	Le	No	Yes	No	No	368-1	0.
368	0.	Le	Yes	No	No	Yes	368-1	0.
368	0.	Le	No	No	No	No	368-1	0.
368	0.	Le	No	No	No	No	368-1	0.
368	0.	Le	No	No	No	No	368-1	0.
368	0.	Le	No	No	No	No	368-1	0.
368	0.	Le	No	No	No	No	368-1	0.
368	0.	Le	No	No	Yes	No	368-1	0.
368	0.26249	Le	No	Yes	No	No	368-1	0.26249
368	0.26249	Le	Yes	No	No	Yes	368-1	0.26249
368	0.26249	Le	No	No	No	No	368-1	0.26249
368	0.26249	Le	No	No	No	No	368-1	0.26249
368	0.26249	Le	No	No	No	No	368-1	0.26249
368	0.26249	Le	No	No	No	No	368-1	0.26249
368	0.26249	Le	No	No	No	No	368-1	0.26249
368	0.26249	Le	No	No	No	No	368-1	0.26249
368	0.26249	Le	No	No	Yes	No	368-1	0.26249
368	0.52498	Le	No	Yes	No	No	368-1	0.52498
368	0.52498	Le	Yes	No	No	Yes	368-1	0.52498
368	0.52498	Le	No	No	No	No	368-1	0.52498
368	0.52498	Le	No	No	No	No	368-1	0.52498
368	0.52498	Le	No	No	No	No	368-1	0.52498
368	0.52498	Le	No	No	No	No	368-1	0.52498
368	0.52498	Le	No	No	No	No	368-1	0.52498
368	0.52498	Le	No	No	No	No	368-1	0.52498
368	0.52498	Le	No	No	Yes	No	368-1	0.52498
369	0.	DEAD					369-1	0.
369	0.	DEAD					369-1	0.
369	0.	DEAD					369-1	0.
369	0.	DEAD					369-1	0.
369	0.17	DEAD					369-1	0.17
369	0.17	DEAD					369-1	0.17
369	0.17	DEAD					369-1	0.17
369	0.17	DEAD					369-1	0.17
369	0.34	DEAD					369-1	0.34
369	0.34	DEAD					369-1	0.34
369	0.34	DEAD					369-1	0.34
369	0.34	DEAD					369-1	0.34
369	0.	Lr					369-1	0.
369	0.	Lr					369-1	0.
369	0.	Lr					369-1	0.
369	0.	Lr					369-1	0.
369	0.17	Lr					369-1	0.17
369	0.17	Lr					369-1	0.17
369	0.17	Lr					369-1	0.17
369	0.17	Lr					369-1	0.17
369	0.34	Lr					369-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
369	0.34	Lr					369-1	0.34
369	0.34	Lr					369-1	0.34
369	0.34	Lr					369-1	0.34
369	0.	Le					369-1	0.
369	0.	Le					369-1	0.
369	0.	Le					369-1	0.
369	0.	Le					369-1	0.
369	0.17	Le					369-1	0.17
369	0.17	Le					369-1	0.17
369	0.17	Le					369-1	0.17
369	0.17	Le					369-1	0.17
369	0.34	Le					369-1	0.34
369	0.34	Le					369-1	0.34
369	0.34	Le					369-1	0.34
369	0.34	Le					369-1	0.34
36A	0.	DEAD					36A-1	0.
36A	0.	DEAD					36A-1	0.
36A	0.	DEAD					36A-1	0.
36A	0.	DEAD					36A-1	0.
36A	0.17	DEAD					36A-1	0.17
36A	0.17	DEAD					36A-1	0.17
36A	0.17	DEAD					36A-1	0.17
36A	0.17	DEAD					36A-1	0.17
36A	0.34	DEAD					36A-1	0.34
36A	0.34	DEAD					36A-1	0.34
36A	0.34	DEAD					36A-1	0.34
36A	0.34	DEAD					36A-1	0.34
36A	0.	Lr					36A-1	0.
36A	0.	Lr					36A-1	0.
36A	0.	Lr					36A-1	0.
36A	0.	Lr					36A-1	0.
36A	0.17	Lr					36A-1	0.17
36A	0.17	Lr					36A-1	0.17
36A	0.17	Lr					36A-1	0.17
36A	0.17	Lr					36A-1	0.17
36A	0.34	Lr					36A-1	0.34
36A	0.34	Lr					36A-1	0.34
36A	0.34	Lr					36A-1	0.34
36A	0.34	Lr					36A-1	0.34
36A	0.	Le					36A-1	0.
36A	0.	Le					36A-1	0.
36A	0.	Le					36A-1	0.
36A	0.	Le					36A-1	0.
36A	0.17	Le					36A-1	0.17
36A	0.17	Le					36A-1	0.17
36A	0.17	Le					36A-1	0.17
36A	0.17	Le					36A-1	0.17
36A	0.34	Le					36A-1	0.34
36A	0.34	Le					36A-1	0.34
36A	0.34	Le					36A-1	0.34
36A	0.34	Le					36A-1	0.34
36B	0.	DEAD					36B-1	0.
36B	0.	DEAD					36B-1	0.
36B	0.	DEAD					36B-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
36B	0.	DEAD					36B-1	0.
36B	0.17	DEAD					36B-1	0.17
36B	0.17	DEAD					36B-1	0.17
36B	0.17	DEAD					36B-1	0.17
36B	0.17	DEAD					36B-1	0.17
36B	0.34	DEAD					36B-1	0.34
36B	0.34	DEAD					36B-1	0.34
36B	0.34	DEAD					36B-1	0.34
36B	0.34	DEAD					36B-1	0.34
36B	0.	Lr					36B-1	0.
36B	0.	Lr					36B-1	0.
36B	0.	Lr					36B-1	0.
36B	0.	Lr					36B-1	0.
36B	0.17	Lr					36B-1	0.17
36B	0.17	Lr					36B-1	0.17
36B	0.17	Lr					36B-1	0.17
36B	0.17	Lr					36B-1	0.17
36B	0.34	Lr					36B-1	0.34
36B	0.34	Lr					36B-1	0.34
36B	0.34	Lr					36B-1	0.34
36B	0.34	Lr					36B-1	0.34
36B	0.	Le					36B-1	0.
36B	0.	Le					36B-1	0.
36B	0.	Le					36B-1	0.
36B	0.	Le					36B-1	0.
36B	0.17	Le					36B-1	0.17
36B	0.17	Le					36B-1	0.17
36B	0.17	Le					36B-1	0.17
36B	0.17	Le					36B-1	0.17
36B	0.34	Le					36B-1	0.34
36B	0.34	Le					36B-1	0.34
36B	0.34	Le					36B-1	0.34
36B	0.34	Le					36B-1	0.34
36C	0.	DEAD					36C-1	0.
36C	0.	DEAD					36C-1	0.
36C	0.	DEAD					36C-1	0.
36C	0.	DEAD					36C-1	0.
36C	0.17	DEAD					36C-1	0.17
36C	0.17	DEAD					36C-1	0.17
36C	0.17	DEAD					36C-1	0.17
36C	0.17	DEAD					36C-1	0.17
36C	0.34	DEAD					36C-1	0.34
36C	0.34	DEAD					36C-1	0.34
36C	0.34	DEAD					36C-1	0.34
36C	0.34	DEAD					36C-1	0.34
36C	0.	Lr					36C-1	0.
36C	0.	Lr					36C-1	0.
36C	0.	Lr					36C-1	0.
36C	0.	Lr					36C-1	0.
36C	0.17	Lr					36C-1	0.17
36C	0.17	Lr					36C-1	0.17
36C	0.17	Lr					36C-1	0.17
36C	0.17	Lr					36C-1	0.17
36C	0.34	Lr					36C-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
36C	0.34	Lr					36C-1	0.34
36C	0.34	Lr					36C-1	0.34
36C	0.34	Lr					36C-1	0.34
36C	0.	Le					36C-1	0.
36C	0.	Le					36C-1	0.
36C	0.	Le					36C-1	0.
36C	0.	Le					36C-1	0.
36C	0.17	Le					36C-1	0.17
36C	0.17	Le					36C-1	0.17
36C	0.17	Le					36C-1	0.17
36C	0.17	Le					36C-1	0.17
36C	0.34	Le					36C-1	0.34
36C	0.34	Le					36C-1	0.34
36C	0.34	Le					36C-1	0.34
36C	0.34	Le					36C-1	0.34
36D	0.	DEAD					36D-1	0.
36D	0.	DEAD					36D-1	0.
36D	0.	DEAD					36D-1	0.
36D	0.	DEAD					36D-1	0.
36D	0.17	DEAD					36D-1	0.17
36D	0.17	DEAD					36D-1	0.17
36D	0.17	DEAD					36D-1	0.17
36D	0.17	DEAD					36D-1	0.17
36D	0.34	DEAD					36D-1	0.34
36D	0.34	DEAD					36D-1	0.34
36D	0.34	DEAD					36D-1	0.34
36D	0.34	DEAD					36D-1	0.34
36D	0.	Lr					36D-1	0.
36D	0.	Lr					36D-1	0.
36D	0.	Lr					36D-1	0.
36D	0.	Lr					36D-1	0.
36D	0.17	Lr					36D-1	0.17
36D	0.17	Lr					36D-1	0.17
36D	0.17	Lr					36D-1	0.17
36D	0.17	Lr					36D-1	0.17
36D	0.34	Lr					36D-1	0.34
36D	0.34	Lr					36D-1	0.34
36D	0.34	Lr					36D-1	0.34
36D	0.34	Lr					36D-1	0.34
36D	0.	Le					36D-1	0.
36D	0.	Le					36D-1	0.
36D	0.	Le					36D-1	0.
36D	0.	Le					36D-1	0.
36D	0.17	Le					36D-1	0.17
36D	0.17	Le					36D-1	0.17
36D	0.17	Le					36D-1	0.17
36D	0.17	Le					36D-1	0.17
36D	0.34	Le					36D-1	0.34
36D	0.34	Le					36D-1	0.34
36D	0.34	Le					36D-1	0.34
36D	0.34	Le					36D-1	0.34
36E	0.	DEAD					36E-1	0.
36E	0.	DEAD					36E-1	0.
36E	0.	DEAD					36E-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
36E	0.	DEAD					36E-1	0.
36E	0.17	DEAD					36E-1	0.17
36E	0.17	DEAD					36E-1	0.17
36E	0.17	DEAD					36E-1	0.17
36E	0.17	DEAD					36E-1	0.17
36E	0.34	DEAD					36E-1	0.34
36E	0.34	DEAD					36E-1	0.34
36E	0.34	DEAD					36E-1	0.34
36E	0.34	DEAD					36E-1	0.34
36E	0.	Lr					36E-1	0.
36E	0.	Lr					36E-1	0.
36E	0.	Lr					36E-1	0.
36E	0.	Lr					36E-1	0.
36E	0.17	Lr					36E-1	0.17
36E	0.17	Lr					36E-1	0.17
36E	0.17	Lr					36E-1	0.17
36E	0.17	Lr					36E-1	0.17
36E	0.34	Lr					36E-1	0.34
36E	0.34	Lr					36E-1	0.34
36E	0.34	Lr					36E-1	0.34
36E	0.34	Lr					36E-1	0.34
36E	0.	Le					36E-1	0.
36E	0.	Le					36E-1	0.
36E	0.	Le					36E-1	0.
36E	0.	Le					36E-1	0.
36E	0.17	Le					36E-1	0.17
36E	0.17	Le					36E-1	0.17
36E	0.17	Le					36E-1	0.17
36E	0.17	Le					36E-1	0.17
36E	0.34	Le					36E-1	0.34
36E	0.34	Le					36E-1	0.34
36E	0.34	Le					36E-1	0.34
36E	0.34	Le					36E-1	0.34
36F	0.	DEAD	No	No	No	No	36F-1	0.
36F	0.	DEAD	No	No	No	No	36F-1	0.
36F	0.	DEAD	No	No	No	Yes	36F-1	0.
36F	0.	DEAD	No	No	No	No	36F-1	0.
36F	0.	DEAD	No	No	No	No	36F-1	0.
36F	0.	DEAD	No	Yes	No	No	36F-1	0.
36F	0.	DEAD	No	No	No	No	36F-1	0.
36F	0.	DEAD	No	No	No	No	36F-1	0.
36F	0.	DEAD	Yes	No	Yes	No	36F-1	0.
36F	0.26249	DEAD	No	Yes	No	No	36F-1	0.26249
36F	0.26249	DEAD	No	No	No	No	36F-1	0.26249
36F	0.26249	DEAD	No	No	No	No	36F-1	0.26249
36F	0.26249	DEAD	No	No	No	Yes	36F-1	0.26249
36F	0.26249	DEAD	No	No	No	No	36F-1	0.26249
36F	0.26249	DEAD	No	No	No	No	36F-1	0.26249
36F	0.26249	DEAD	No	No	No	No	36F-1	0.26249
36F	0.26249	DEAD	No	No	No	No	36F-1	0.26249
36F	0.26249	DEAD	Yes	No	Yes	No	36F-1	0.26249
36F	0.52498	DEAD	No	No	No	No	36F-1	0.52498
36F	0.52498	DEAD	No	No	No	No	36F-1	0.52498
36F	0.52498	DEAD	No	No	No	No	36F-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
36F	0.52498	DEAD	No	No	No	Yes	36F-1	0.52498
36F	0.52498	DEAD	No	Yes	No	No	36F-1	0.52498
36F	0.52498	DEAD	No	No	No	No	36F-1	0.52498
36F	0.52498	DEAD	No	No	No	No	36F-1	0.52498
36F	0.52498	DEAD	No	No	No	No	36F-1	0.52498
36F	0.52498	DEAD	Yes	No	Yes	No	36F-1	0.52498
36F	0.	Lr	No	Yes	No	No	36F-1	0.
36F	0.	Lr	No	No	No	No	36F-1	0.
36F	0.	Lr	No	No	No	Yes	36F-1	0.
36F	0.	Lr	No	No	No	No	36F-1	0.
36F	0.	Lr	No	No	No	No	36F-1	0.
36F	0.	Lr	No	No	No	No	36F-1	0.
36F	0.	Lr	No	No	No	No	36F-1	0.
36F	0.	Lr	No	No	No	No	36F-1	0.
36F	0.	Lr	Yes	No	Yes	No	36F-1	0.
36F	0.26249	Lr	No	Yes	No	No	36F-1	0.26249
36F	0.26249	Lr	No	No	No	No	36F-1	0.26249
36F	0.26249	Lr	No	No	No	No	36F-1	0.26249
36F	0.26249	Lr	No	No	No	Yes	36F-1	0.26249
36F	0.26249	Lr	No	No	No	No	36F-1	0.26249
36F	0.26249	Lr	No	No	No	No	36F-1	0.26249
36F	0.26249	Lr	No	No	No	No	36F-1	0.26249
36F	0.26249	Lr	No	No	No	No	36F-1	0.26249
36F	0.26249	Lr	Yes	No	Yes	No	36F-1	0.26249
36F	0.52498	Lr	No	Yes	No	No	36F-1	0.52498
36F	0.52498	Lr	No	No	No	No	36F-1	0.52498
36F	0.52498	Lr	No	No	No	No	36F-1	0.52498
36F	0.52498	Lr	No	No	No	Yes	36F-1	0.52498
36F	0.52498	Lr	No	No	No	No	36F-1	0.52498
36F	0.52498	Lr	No	No	No	No	36F-1	0.52498
36F	0.52498	Lr	No	No	No	No	36F-1	0.52498
36F	0.52498	Lr	No	No	No	No	36F-1	0.52498
36F	0.52498	Lr	Yes	No	Yes	No	36F-1	0.52498
36F	0.	Le	No	Yes	No	No	36F-1	0.
36F	0.	Le	No	No	No	No	36F-1	0.
36F	0.	Le	No	No	No	Yes	36F-1	0.
36F	0.	Le	No	No	No	No	36F-1	0.
36F	0.	Le	No	No	No	No	36F-1	0.
36F	0.	Le	No	No	No	No	36F-1	0.
36F	0.	Le	No	No	No	No	36F-1	0.
36F	0.	Le	No	No	No	No	36F-1	0.
36F	0.	Le	Yes	No	Yes	No	36F-1	0.
36F	0.26249	Le	No	Yes	No	No	36F-1	0.26249
36F	0.26249	Le	No	No	No	No	36F-1	0.26249
36F	0.26249	Le	No	No	No	No	36F-1	0.26249
36F	0.26249	Le	No	No	No	Yes	36F-1	0.26249
36F	0.26249	Le	No	No	No	No	36F-1	0.26249
36F	0.26249	Le	No	No	No	No	36F-1	0.26249
36F	0.26249	Le	No	No	No	No	36F-1	0.26249
36F	0.26249	Le	No	No	No	No	36F-1	0.26249
36F	0.26249	Le	Yes	No	Yes	No	36F-1	0.26249
36F	0.52498	Le	No	Yes	No	No	36F-1	0.52498
36F	0.52498	Le	No	No	No	No	36F-1	0.52498
36F	0.52498	Le	No	No	No	No	36F-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
36F	0.52498	Le	No	No	No	Yes	36F-1	0.52498
36F	0.52498	Le	No	No	No	No	36F-1	0.52498
36F	0.52498	Le	No	No	No	No	36F-1	0.52498
36F	0.52498	Le	No	No	No	No	36F-1	0.52498
36F	0.52498	Le	No	No	No	No	36F-1	0.52498
36F	0.52498	Le	Yes	No	Yes	No	36F-1	0.52498
370	0.	DEAD	No	No	No	No	370-1	0.
370	0.	DEAD	Yes	No	No	No	370-1	0.
370	0.	DEAD	No	No	No	No	370-1	0.
370	0.	DEAD	No	No	No	No	370-1	0.
370	0.	DEAD	No	No	No	No	370-1	0.
370	0.	DEAD	No	No	Yes	No	370-1	0.
370	0.	DEAD	No	No	No	No	370-1	0.
370	0.	DEAD	No	No	No	No	370-1	0.
370	0.	DEAD	No	Yes	No	Yes	370-1	0.
370	0.26249	DEAD	No	No	No	No	370-1	0.26249
370	0.26249	DEAD	Yes	No	No	No	370-1	0.26249
370	0.26249	DEAD	No	No	No	No	370-1	0.26249
370	0.26249	DEAD	No	No	No	No	370-1	0.26249
370	0.26249	DEAD	No	No	No	No	370-1	0.26249
370	0.26249	DEAD	No	No	No	No	370-1	0.26249
370	0.26249	DEAD	No	No	No	No	370-1	0.26249
370	0.26249	DEAD	No	No	No	No	370-1	0.26249
370	0.26249	DEAD	No	Yes	Yes	Yes	370-1	0.26249
370	0.52498	DEAD	No	No	No	No	370-1	0.52498
370	0.52498	DEAD	Yes	No	No	No	370-1	0.52498
370	0.52498	DEAD	No	No	No	No	370-1	0.52498
370	0.52498	DEAD	No	No	No	No	370-1	0.52498
370	0.52498	DEAD	No	No	Yes	No	370-1	0.52498
370	0.52498	DEAD	No	No	No	No	370-1	0.52498
370	0.52498	DEAD	No	No	No	No	370-1	0.52498
370	0.52498	DEAD	No	No	No	No	370-1	0.52498
370	0.52498	DEAD	No	Yes	No	Yes	370-1	0.52498
370	0.	Lr	No	No	No	No	370-1	0.
370	0.	Lr	Yes	No	No	No	370-1	0.
370	0.	Lr	No	No	No	No	370-1	0.
370	0.	Lr	No	No	No	No	370-1	0.
370	0.	Lr	No	No	No	No	370-1	0.
370	0.	Lr	No	No	No	No	370-1	0.
370	0.	Lr	No	No	No	No	370-1	0.
370	0.	Lr	No	No	No	No	370-1	0.
370	0.	Lr	No	Yes	Yes	Yes	370-1	0.
370	0.26249	Lr	No	No	No	No	370-1	0.26249
370	0.26249	Lr	Yes	No	No	No	370-1	0.26249
370	0.26249	Lr	No	No	No	No	370-1	0.26249
370	0.26249	Lr	No	No	No	No	370-1	0.26249
370	0.26249	Lr	No	No	No	No	370-1	0.26249
370	0.26249	Lr	No	No	No	No	370-1	0.26249
370	0.26249	Lr	No	No	No	No	370-1	0.26249
370	0.26249	Lr	No	No	No	No	370-1	0.26249
370	0.26249	Lr	No	Yes	Yes	Yes	370-1	0.26249
370	0.52498	Lr	No	No	No	No	370-1	0.52498
370	0.52498	Lr	Yes	No	No	No	370-1	0.52498
370	0.52498	Lr	No	No	No	No	370-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
370	0.52498	Lr	No	No	No	No	370-1	0.52498
370	0.52498	Lr	No	No	No	No	370-1	0.52498
370	0.52498	Lr	No	No	No	No	370-1	0.52498
370	0.52498	Lr	No	No	No	No	370-1	0.52498
370	0.52498	Lr	No	No	No	No	370-1	0.52498
370	0.52498	Lr	No	Yes	Yes	Yes	370-1	0.52498
370	0.	Le	No	No	No	No	370-1	0.
370	0.	Le	Yes	No	No	No	370-1	0.
370	0.	Le	No	No	No	No	370-1	0.
370	0.	Le	No	No	No	No	370-1	0.
370	0.	Le	No	No	No	No	370-1	0.
370	0.	Le	No	No	No	No	370-1	0.
370	0.	Le	No	No	No	No	370-1	0.
370	0.	Le	No	No	No	No	370-1	0.
370	0.	Le	No	Yes	Yes	Yes	370-1	0.
370	0.26249	Le	No	No	No	No	370-1	0.26249
370	0.26249	Le	Yes	No	No	No	370-1	0.26249
370	0.26249	Le	No	No	No	No	370-1	0.26249
370	0.26249	Le	No	No	No	No	370-1	0.26249
370	0.26249	Le	No	No	No	No	370-1	0.26249
370	0.26249	Le	No	No	No	No	370-1	0.26249
370	0.26249	Le	No	No	No	No	370-1	0.26249
370	0.26249	Le	No	No	No	No	370-1	0.26249
370	0.26249	Le	No	Yes	Yes	Yes	370-1	0.26249
370	0.52498	Le	No	No	No	No	370-1	0.52498
370	0.52498	Le	Yes	No	No	No	370-1	0.52498
370	0.52498	Le	No	No	No	No	370-1	0.52498
370	0.52498	Le	No	No	No	No	370-1	0.52498
370	0.52498	Le	No	No	No	No	370-1	0.52498
370	0.52498	Le	No	No	No	No	370-1	0.52498
370	0.52498	Le	No	No	No	No	370-1	0.52498
370	0.52498	Le	No	No	No	No	370-1	0.52498
370	0.52498	Le	No	Yes	Yes	Yes	370-1	0.52498
371	0.	DEAD	No	No	No	No	371-1	0.
371	0.	DEAD	No	No	No	No	371-1	0.
371	0.	DEAD	No	No	No	No	371-1	0.
371	0.	DEAD	No	No	No	Yes	371-1	0.
371	0.	DEAD	No	No	No	No	371-1	0.
371	0.	DEAD	No	Yes	No	No	371-1	0.
371	0.	DEAD	No	No	Yes	No	371-1	0.
371	0.	DEAD	No	No	No	No	371-1	0.
371	0.	DEAD	Yes	No	No	No	371-1	0.
371	0.26249	DEAD	No	Yes	No	No	371-1	0.26249
371	0.26249	DEAD	No	No	No	Yes	371-1	0.26249
371	0.26249	DEAD	No	No	No	No	371-1	0.26249
371	0.26249	DEAD	No	No	No	No	371-1	0.26249
371	0.26249	DEAD	No	No	No	No	371-1	0.26249
371	0.26249	DEAD	No	No	No	No	371-1	0.26249
371	0.26249	DEAD	No	No	No	No	371-1	0.26249
371	0.26249	DEAD	No	No	No	No	371-1	0.26249
371	0.26249	DEAD	Yes	No	Yes	No	371-1	0.26249
371	0.52498	DEAD	No	No	No	No	371-1	0.52498
371	0.52498	DEAD	No	No	No	Yes	371-1	0.52498
371	0.52498	DEAD	No	No	No	No	371-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
371	0.52498	DEAD	No	No	No	No	371-1	0.52498
371	0.52498	DEAD	No	Yes	No	No	371-1	0.52498
371	0.52498	DEAD	No	No	No	No	371-1	0.52498
371	0.52498	DEAD	No	No	No	No	371-1	0.52498
371	0.52498	DEAD	No	No	No	No	371-1	0.52498
371	0.52498	DEAD	Yes	No	Yes	No	371-1	0.52498
371	0.	Lr	No	Yes	No	No	371-1	0.
371	0.	Lr	No	No	No	Yes	371-1	0.
371	0.	Lr	No	No	No	No	371-1	0.
371	0.	Lr	No	No	No	No	371-1	0.
371	0.	Lr	No	No	No	No	371-1	0.
371	0.	Lr	No	No	No	No	371-1	0.
371	0.	Lr	No	No	No	No	371-1	0.
371	0.	Lr	No	No	No	No	371-1	0.
371	0.	Lr	Yes	No	Yes	No	371-1	0.
371	0.26249	Lr	No	Yes	No	No	371-1	0.26249
371	0.26249	Lr	No	No	No	Yes	371-1	0.26249
371	0.26249	Lr	No	No	No	No	371-1	0.26249
371	0.26249	Lr	No	No	No	No	371-1	0.26249
371	0.26249	Lr	No	No	No	No	371-1	0.26249
371	0.26249	Lr	No	No	No	No	371-1	0.26249
371	0.26249	Lr	No	No	No	No	371-1	0.26249
371	0.26249	Lr	No	No	No	No	371-1	0.26249
371	0.26249	Lr	Yes	No	Yes	No	371-1	0.26249
371	0.52498	Lr	No	Yes	No	No	371-1	0.52498
371	0.52498	Lr	No	No	No	Yes	371-1	0.52498
371	0.52498	Lr	No	No	No	No	371-1	0.52498
371	0.52498	Lr	No	No	No	No	371-1	0.52498
371	0.52498	Lr	No	No	No	No	371-1	0.52498
371	0.52498	Lr	No	No	No	No	371-1	0.52498
371	0.52498	Lr	No	No	No	No	371-1	0.52498
371	0.52498	Lr	No	No	No	No	371-1	0.52498
371	0.52498	Lr	Yes	No	Yes	No	371-1	0.52498
371	0.	Le	No	Yes	No	No	371-1	0.
371	0.	Le	No	No	No	Yes	371-1	0.
371	0.	Le	No	No	No	No	371-1	0.
371	0.	Le	No	No	No	No	371-1	0.
371	0.	Le	No	No	No	No	371-1	0.
371	0.	Le	No	No	No	No	371-1	0.
371	0.	Le	No	No	No	No	371-1	0.
371	0.	Le	No	No	No	No	371-1	0.
371	0.	Le	Yes	No	Yes	No	371-1	0.
371	0.26249	Le	No	Yes	No	No	371-1	0.26249
371	0.26249	Le	No	No	No	Yes	371-1	0.26249
371	0.26249	Le	No	No	No	No	371-1	0.26249
371	0.26249	Le	No	No	No	No	371-1	0.26249
371	0.26249	Le	No	No	No	No	371-1	0.26249
371	0.26249	Le	No	No	No	No	371-1	0.26249
371	0.26249	Le	No	No	No	No	371-1	0.26249
371	0.26249	Le	No	No	No	No	371-1	0.26249
371	0.26249	Le	Yes	No	Yes	No	371-1	0.26249
371	0.52498	Le	No	Yes	No	No	371-1	0.52498
371	0.52498	Le	No	No	No	Yes	371-1	0.52498
371	0.52498	Le	No	No	No	No	371-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
371	0.52498	Le	No	No	No	No	371-1	0.52498
371	0.52498	Le	No	No	No	No	371-1	0.52498
371	0.52498	Le	No	No	No	No	371-1	0.52498
371	0.52498	Le	No	No	No	No	371-1	0.52498
371	0.52498	Le	No	No	No	No	371-1	0.52498
371	0.52498	Le	Yes	No	Yes	No	371-1	0.52498
372	0.	DEAD	No	No	No	No	372-1	0.
372	0.	DEAD	Yes	No	No	No	372-1	0.
372	0.	DEAD	No	No	No	No	372-1	0.
372	0.	DEAD	No	No	No	No	372-1	0.
372	0.	DEAD	No	No	No	No	372-1	0.
372	0.	DEAD	No	No	Yes	No	372-1	0.
372	0.	DEAD	No	No	No	No	372-1	0.
372	0.	DEAD	No	No	No	No	372-1	0.
372	0.	DEAD	No	Yes	No	Yes	372-1	0.
372	0.26249	DEAD	No	No	No	No	372-1	0.26249
372	0.26249	DEAD	Yes	No	No	No	372-1	0.26249
372	0.26249	DEAD	No	No	No	No	372-1	0.26249
372	0.26249	DEAD	No	No	No	No	372-1	0.26249
372	0.26249	DEAD	No	No	No	No	372-1	0.26249
372	0.26249	DEAD	No	No	No	No	372-1	0.26249
372	0.26249	DEAD	No	No	No	No	372-1	0.26249
372	0.26249	DEAD	No	No	No	No	372-1	0.26249
372	0.26249	DEAD	No	Yes	Yes	Yes	372-1	0.26249
372	0.52498	DEAD	No	No	No	No	372-1	0.52498
372	0.52498	DEAD	Yes	No	No	No	372-1	0.52498
372	0.52498	DEAD	No	No	No	No	372-1	0.52498
372	0.52498	DEAD	No	No	No	No	372-1	0.52498
372	0.52498	DEAD	No	No	Yes	No	372-1	0.52498
372	0.52498	DEAD	No	No	No	No	372-1	0.52498
372	0.52498	DEAD	No	No	No	No	372-1	0.52498
372	0.52498	DEAD	No	No	No	No	372-1	0.52498
372	0.52498	DEAD	No	Yes	No	Yes	372-1	0.52498
372	0.	Lr	No	No	No	No	372-1	0.
372	0.	Lr	Yes	No	No	No	372-1	0.
372	0.	Lr	No	No	No	No	372-1	0.
372	0.	Lr	No	No	No	No	372-1	0.
372	0.	Lr	No	No	No	No	372-1	0.
372	0.	Lr	No	No	No	No	372-1	0.
372	0.	Lr	No	No	No	No	372-1	0.
372	0.	Lr	No	No	No	No	372-1	0.
372	0.	Lr	No	Yes	Yes	Yes	372-1	0.
372	0.26249	Lr	No	No	No	No	372-1	0.26249
372	0.26249	Lr	Yes	No	No	No	372-1	0.26249
372	0.26249	Lr	No	No	No	No	372-1	0.26249
372	0.26249	Lr	No	No	No	No	372-1	0.26249
372	0.26249	Lr	No	No	Yes	No	372-1	0.26249
372	0.26249	Lr	No	No	No	No	372-1	0.26249
372	0.26249	Lr	No	No	No	No	372-1	0.26249
372	0.26249	Lr	No	No	No	No	372-1	0.26249
372	0.26249	Lr	No	Yes	No	Yes	372-1	0.26249
372	0.52498	Lr	No	No	No	No	372-1	0.52498
372	0.52498	Lr	Yes	No	No	No	372-1	0.52498
372	0.52498	Lr	No	No	No	No	372-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
372	0.52498	Lr	No	No	No	No	372-1	0.52498
372	0.52498	Lr	No	No	Yes	No	372-1	0.52498
372	0.52498	Lr	No	No	No	No	372-1	0.52498
372	0.52498	Lr	No	No	No	No	372-1	0.52498
372	0.52498	Lr	No	No	No	No	372-1	0.52498
372	0.52498	Lr	No	Yes	No	Yes	372-1	0.52498
372	0.	Le	No	No	No	No	372-1	0.
372	0.	Le	Yes	No	No	No	372-1	0.
372	0.	Le	No	No	No	No	372-1	0.
372	0.	Le	No	No	No	No	372-1	0.
372	0.	Le	No	No	No	No	372-1	0.
372	0.	Le	No	No	No	No	372-1	0.
372	0.	Le	No	No	No	No	372-1	0.
372	0.	Le	No	No	No	No	372-1	0.
372	0.	Le	No	Yes	Yes	Yes	372-1	0.
372	0.26249	Le	No	No	No	No	372-1	0.26249
372	0.26249	Le	Yes	No	No	No	372-1	0.26249
372	0.26249	Le	No	No	No	No	372-1	0.26249
372	0.26249	Le	No	No	No	No	372-1	0.26249
372	0.26249	Le	No	No	Yes	No	372-1	0.26249
372	0.26249	Le	No	No	No	No	372-1	0.26249
372	0.26249	Le	No	No	No	No	372-1	0.26249
372	0.26249	Le	No	No	No	No	372-1	0.26249
372	0.26249	Le	No	Yes	No	Yes	372-1	0.26249
372	0.52498	Le	No	No	No	No	372-1	0.52498
372	0.52498	Le	Yes	No	No	No	372-1	0.52498
372	0.52498	Le	No	No	No	No	372-1	0.52498
372	0.52498	Le	No	No	No	No	372-1	0.52498
372	0.52498	Le	No	No	Yes	No	372-1	0.52498
372	0.52498	Le	No	No	No	No	372-1	0.52498
372	0.52498	Le	No	No	No	No	372-1	0.52498
372	0.52498	Le	No	No	No	No	372-1	0.52498
372	0.52498	Le	No	Yes	No	Yes	372-1	0.52498
373	0.	DEAD	No	No	No	No	373-1	0.
373	0.	DEAD	No	No	No	No	373-1	0.
373	0.	DEAD	No	No	No	No	373-1	0.
373	0.	DEAD	No	Yes	No	Yes	373-1	0.
373	0.	DEAD	No	No	No	No	373-1	0.
373	0.	DEAD	No	No	No	No	373-1	0.
373	0.	DEAD	No	No	Yes	No	373-1	0.
373	0.	DEAD	No	No	No	No	373-1	0.
373	0.	DEAD	Yes	No	No	No	373-1	0.
373	0.26249	DEAD	No	No	No	No	373-1	0.26249
373	0.26249	DEAD	No	Yes	No	Yes	373-1	0.26249
373	0.26249	DEAD	No	No	No	No	373-1	0.26249
373	0.26249	DEAD	No	No	No	No	373-1	0.26249
373	0.26249	DEAD	No	No	No	No	373-1	0.26249
373	0.26249	DEAD	No	No	No	No	373-1	0.26249
373	0.26249	DEAD	No	No	No	No	373-1	0.26249
373	0.26249	DEAD	No	No	No	No	373-1	0.26249
373	0.26249	DEAD	Yes	No	Yes	No	373-1	0.26249
373	0.52498	DEAD	No	No	No	No	373-1	0.52498
373	0.52498	DEAD	No	No	No	No	373-1	0.52498
373	0.52498	DEAD	No	Yes	No	Yes	373-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
373	0.52498	DEAD	No	No	No	No	373-1	0.52498
373	0.52498	DEAD	No	No	No	No	373-1	0.52498
373	0.52498	DEAD	No	No	No	No	373-1	0.52498
373	0.52498	DEAD	No	No	No	No	373-1	0.52498
373	0.52498	DEAD	No	No	Yes	No	373-1	0.52498
373	0.52498	DEAD	Yes	No	No	No	373-1	0.52498
373	0.	Lr	No	No	No	No	373-1	0.
373	0.	Lr	No	No	No	No	373-1	0.
373	0.	Lr	No	No	No	No	373-1	0.
373	0.	Lr	No	Yes	No	Yes	373-1	0.
373	0.	Lr	No	No	No	No	373-1	0.
373	0.	Lr	No	No	No	No	373-1	0.
373	0.	Lr	No	No	Yes	No	373-1	0.
373	0.	Lr	No	No	No	No	373-1	0.
373	0.	Lr	Yes	No	No	No	373-1	0.
373	0.26249	Lr	No	No	No	No	373-1	0.26249
373	0.26249	Lr	No	No	No	Yes	373-1	0.26249
373	0.26249	Lr	No	No	No	No	373-1	0.26249
373	0.26249	Lr	No	Yes	No	No	373-1	0.26249
373	0.26249	Lr	No	No	No	No	373-1	0.26249
373	0.26249	Lr	No	No	No	No	373-1	0.26249
373	0.26249	Lr	No	No	No	No	373-1	0.26249
373	0.26249	Lr	No	No	No	No	373-1	0.26249
373	0.26249	Lr	Yes	No	Yes	No	373-1	0.26249
373	0.52498	Lr	No	No	No	No	373-1	0.52498
373	0.52498	Lr	No	No	No	No	373-1	0.52498
373	0.52498	Lr	No	No	No	Yes	373-1	0.52498
373	0.52498	Lr	No	Yes	No	No	373-1	0.52498
373	0.52498	Lr	No	No	No	No	373-1	0.52498
373	0.52498	Lr	No	No	No	No	373-1	0.52498
373	0.52498	Lr	No	No	No	No	373-1	0.52498
373	0.52498	Lr	No	No	Yes	No	373-1	0.52498
373	0.52498	Lr	Yes	No	No	No	373-1	0.52498
373	0.	Le	No	No	No	No	373-1	0.
373	0.	Le	No	No	No	No	373-1	0.
373	0.	Le	No	No	No	No	373-1	0.
373	0.	Le	No	Yes	No	Yes	373-1	0.
373	0.	Le	No	No	No	No	373-1	0.
373	0.	Le	No	No	No	No	373-1	0.
373	0.	Le	No	No	Yes	No	373-1	0.
373	0.	Le	No	No	No	No	373-1	0.
373	0.	Le	Yes	No	No	No	373-1	0.
373	0.26249	Le	No	No	No	No	373-1	0.26249
373	0.26249	Le	No	No	No	Yes	373-1	0.26249
373	0.26249	Le	No	No	No	No	373-1	0.26249
373	0.26249	Le	No	Yes	No	No	373-1	0.26249
373	0.26249	Le	No	No	No	No	373-1	0.26249
373	0.26249	Le	No	No	No	No	373-1	0.26249
373	0.26249	Le	No	No	No	No	373-1	0.26249
373	0.26249	Le	No	No	No	No	373-1	0.26249
373	0.26249	Le	Yes	No	Yes	No	373-1	0.26249
373	0.52498	Le	No	No	No	No	373-1	0.52498
373	0.52498	Le	No	No	No	No	373-1	0.52498
373	0.52498	Le	No	No	No	Yes	373-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
373	0.52498	Le	No	Yes	No	No	373-1	0.52498
373	0.52498	Le	No	No	No	No	373-1	0.52498
373	0.52498	Le	No	No	No	No	373-1	0.52498
373	0.52498	Le	No	No	No	No	373-1	0.52498
373	0.52498	Le	No	No	Yes	No	373-1	0.52498
373	0.52498	Le	Yes	No	No	No	373-1	0.52498
374	0.	DEAD	No	No	No	No	374-1	0.
374	0.	DEAD	Yes	No	No	No	374-1	0.
374	0.	DEAD	No	No	No	No	374-1	0.
374	0.	DEAD	No	No	No	No	374-1	0.
374	0.	DEAD	No	No	No	No	374-1	0.
374	0.	DEAD	No	No	Yes	No	374-1	0.
374	0.	DEAD	No	No	No	No	374-1	0.
374	0.	DEAD	No	No	No	No	374-1	0.
374	0.	DEAD	No	Yes	No	Yes	374-1	0.
374	0.26249	DEAD	No	No	No	No	374-1	0.26249
374	0.26249	DEAD	Yes	No	No	No	374-1	0.26249
374	0.26249	DEAD	No	No	No	No	374-1	0.26249
374	0.26249	DEAD	No	No	No	No	374-1	0.26249
374	0.26249	DEAD	No	No	No	No	374-1	0.26249
374	0.26249	DEAD	No	No	No	No	374-1	0.26249
374	0.26249	DEAD	No	No	No	No	374-1	0.26249
374	0.26249	DEAD	No	No	No	No	374-1	0.26249
374	0.26249	DEAD	No	Yes	Yes	Yes	374-1	0.26249
374	0.52498	DEAD	No	No	No	No	374-1	0.52498
374	0.52498	DEAD	Yes	No	No	No	374-1	0.52498
374	0.52498	DEAD	No	No	No	No	374-1	0.52498
374	0.52498	DEAD	No	No	No	No	374-1	0.52498
374	0.52498	DEAD	No	No	Yes	No	374-1	0.52498
374	0.52498	DEAD	No	No	No	No	374-1	0.52498
374	0.52498	DEAD	No	Yes	No	Yes	374-1	0.52498
374	0.52498	DEAD	No	No	No	No	374-1	0.52498
374	0.52498	DEAD	No	No	No	No	374-1	0.52498
374	0.	Lr	No	No	No	No	374-1	0.
374	0.	Lr	Yes	No	No	No	374-1	0.
374	0.	Lr	No	No	No	No	374-1	0.
374	0.	Lr	No	No	No	No	374-1	0.
374	0.	Lr	No	No	No	No	374-1	0.
374	0.	Lr	No	No	No	No	374-1	0.
374	0.	Lr	No	No	No	No	374-1	0.
374	0.	Lr	No	No	No	No	374-1	0.
374	0.	Lr	No	Yes	Yes	Yes	374-1	0.
374	0.26249	Lr	No	No	No	No	374-1	0.26249
374	0.26249	Lr	Yes	No	No	No	374-1	0.26249
374	0.26249	Lr	No	No	No	No	374-1	0.26249
374	0.26249	Lr	No	No	No	No	374-1	0.26249
374	0.26249	Lr	No	No	No	No	374-1	0.26249
374	0.26249	Lr	No	No	No	No	374-1	0.26249
374	0.26249	Lr	No	No	No	No	374-1	0.26249
374	0.26249	Lr	No	No	No	No	374-1	0.26249
374	0.26249	Lr	No	Yes	Yes	Yes	374-1	0.26249
374	0.52498	Lr	No	No	No	No	374-1	0.52498
374	0.52498	Lr	Yes	No	No	No	374-1	0.52498
374	0.52498	Lr	No	No	No	No	374-1	0.52498

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
374	0.52498	Lr	No	No	No	No	374-1	0.52498
374	0.52498	Lr	No	No	No	No	374-1	0.52498
374	0.52498	Lr	No	No	No	No	374-1	0.52498
374	0.52498	Lr	No	Yes	No	Yes	374-1	0.52498
374	0.52498	Lr	No	No	No	No	374-1	0.52498
374	0.52498	Lr	No	No	Yes	No	374-1	0.52498
374	0.	Le	No	No	No	No	374-1	0.
374	0.	Le	Yes	No	No	No	374-1	0.
374	0.	Le	No	No	No	No	374-1	0.
374	0.	Le	No	No	No	No	374-1	0.
374	0.	Le	No	No	No	No	374-1	0.
374	0.	Le	No	No	No	No	374-1	0.
374	0.	Le	No	No	No	No	374-1	0.
374	0.	Le	No	No	No	No	374-1	0.
374	0.	Le	No	Yes	Yes	Yes	374-1	0.
374	0.26249	Le	No	No	No	No	374-1	0.26249
374	0.26249	Le	Yes	No	No	No	374-1	0.26249
374	0.26249	Le	No	No	No	No	374-1	0.26249
374	0.26249	Le	No	No	No	No	374-1	0.26249
374	0.26249	Le	No	No	No	No	374-1	0.26249
374	0.26249	Le	No	No	No	No	374-1	0.26249
374	0.26249	Le	No	No	No	No	374-1	0.26249
374	0.26249	Le	No	No	No	No	374-1	0.26249
374	0.26249	Le	No	Yes	Yes	Yes	374-1	0.26249
374	0.52498	Le	No	No	No	No	374-1	0.52498
374	0.52498	Le	Yes	No	No	No	374-1	0.52498
374	0.52498	Le	No	No	No	No	374-1	0.52498
374	0.52498	Le	No	No	No	No	374-1	0.52498
374	0.52498	Le	No	No	No	No	374-1	0.52498
374	0.52498	Le	No	No	No	No	374-1	0.52498
374	0.52498	Le	No	Yes	No	Yes	374-1	0.52498
374	0.52498	Le	No	No	No	No	374-1	0.52498
374	0.52498	Le	No	No	Yes	No	374-1	0.52498
3D1	0.	DEAD					3D1-1	0.
3D1	0.	DEAD					3D1-1	0.
3D1	0.	DEAD					3D1-1	0.
3D1	0.	DEAD					3D1-1	0.
3D1	0.17	DEAD					3D1-1	0.17
3D1	0.17	DEAD					3D1-1	0.17
3D1	0.17	DEAD					3D1-1	0.17
3D1	0.17	DEAD					3D1-1	0.17
3D1	0.34	DEAD					3D1-1	0.34
3D1	0.34	DEAD					3D1-1	0.34
3D1	0.34	DEAD					3D1-1	0.34
3D1	0.34	DEAD					3D1-1	0.34
3D1	0.	Lr					3D1-1	0.
3D1	0.	Lr					3D1-1	0.
3D1	0.	Lr					3D1-1	0.
3D1	0.	Lr					3D1-1	0.
3D1	0.17	Lr					3D1-1	0.17
3D1	0.17	Lr					3D1-1	0.17
3D1	0.17	Lr					3D1-1	0.17
3D1	0.17	Lr					3D1-1	0.17
3D1	0.34	Lr					3D1-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3D1	0.34	Lr					3D1-1	0.34
3D1	0.34	Lr					3D1-1	0.34
3D1	0.34	Lr					3D1-1	0.34
3D1	0.	Le					3D1-1	0.
3D1	0.	Le					3D1-1	0.
3D1	0.	Le					3D1-1	0.
3D1	0.	Le					3D1-1	0.
3D1	0.17	Le					3D1-1	0.17
3D1	0.17	Le					3D1-1	0.17
3D1	0.17	Le					3D1-1	0.17
3D1	0.17	Le					3D1-1	0.17
3D1	0.34	Le					3D1-1	0.34
3D1	0.34	Le					3D1-1	0.34
3D1	0.34	Le					3D1-1	0.34
3D1	0.34	Le					3D1-1	0.34
3D2	0.	DEAD					3D2-1	0.
3D2	0.	DEAD					3D2-1	0.
3D2	0.	DEAD					3D2-1	0.
3D2	0.	DEAD					3D2-1	0.
3D2	0.17	DEAD					3D2-1	0.17
3D2	0.17	DEAD					3D2-1	0.17
3D2	0.17	DEAD					3D2-1	0.17
3D2	0.17	DEAD					3D2-1	0.17
3D2	0.34	DEAD					3D2-1	0.34
3D2	0.34	DEAD					3D2-1	0.34
3D2	0.34	DEAD					3D2-1	0.34
3D2	0.34	DEAD					3D2-1	0.34
3D2	0.	Lr					3D2-1	0.
3D2	0.	Lr					3D2-1	0.
3D2	0.	Lr					3D2-1	0.
3D2	0.	Lr					3D2-1	0.
3D2	0.17	Lr					3D2-1	0.17
3D2	0.17	Lr					3D2-1	0.17
3D2	0.17	Lr					3D2-1	0.17
3D2	0.17	Lr					3D2-1	0.17
3D2	0.34	Lr					3D2-1	0.34
3D2	0.34	Lr					3D2-1	0.34
3D2	0.34	Lr					3D2-1	0.34
3D2	0.34	Lr					3D2-1	0.34
3D2	0.	Le					3D2-1	0.
3D2	0.	Le					3D2-1	0.
3D2	0.	Le					3D2-1	0.
3D2	0.	Le					3D2-1	0.
3D2	0.17	Le					3D2-1	0.17
3D2	0.17	Le					3D2-1	0.17
3D2	0.17	Le					3D2-1	0.17
3D2	0.17	Le					3D2-1	0.17
3D2	0.34	Le					3D2-1	0.34
3D2	0.34	Le					3D2-1	0.34
3D2	0.34	Le					3D2-1	0.34
3D2	0.34	Le					3D2-1	0.34
3D3	0.	DEAD					3D3-1	0.
3D3	0.	DEAD					3D3-1	0.
3D3	0.	DEAD					3D3-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3D3	0.	DEAD					3D3-1	0.
3D3	0.17	DEAD					3D3-1	0.17
3D3	0.17	DEAD					3D3-1	0.17
3D3	0.17	DEAD					3D3-1	0.17
3D3	0.17	DEAD					3D3-1	0.17
3D3	0.34	DEAD					3D3-1	0.34
3D3	0.34	DEAD					3D3-1	0.34
3D3	0.34	DEAD					3D3-1	0.34
3D3	0.34	DEAD					3D3-1	0.34
3D3	0.	Lr					3D3-1	0.
3D3	0.	Lr					3D3-1	0.
3D3	0.	Lr					3D3-1	0.
3D3	0.	Lr					3D3-1	0.
3D3	0.17	Lr					3D3-1	0.17
3D3	0.17	Lr					3D3-1	0.17
3D3	0.17	Lr					3D3-1	0.17
3D3	0.17	Lr					3D3-1	0.17
3D3	0.34	Lr					3D3-1	0.34
3D3	0.34	Lr					3D3-1	0.34
3D3	0.34	Lr					3D3-1	0.34
3D3	0.34	Lr					3D3-1	0.34
3D3	0.	Le					3D3-1	0.
3D3	0.	Le					3D3-1	0.
3D3	0.	Le					3D3-1	0.
3D3	0.	Le					3D3-1	0.
3D3	0.17	Le					3D3-1	0.17
3D3	0.17	Le					3D3-1	0.17
3D3	0.17	Le					3D3-1	0.17
3D3	0.17	Le					3D3-1	0.17
3D3	0.34	Le					3D3-1	0.34
3D3	0.34	Le					3D3-1	0.34
3D3	0.34	Le					3D3-1	0.34
3D3	0.34	Le					3D3-1	0.34
3D4	0.	DEAD					3D4-1	0.
3D4	0.	DEAD					3D4-1	0.
3D4	0.	DEAD					3D4-1	0.
3D4	0.	DEAD					3D4-1	0.
3D4	0.17	DEAD					3D4-1	0.17
3D4	0.17	DEAD					3D4-1	0.17
3D4	0.17	DEAD					3D4-1	0.17
3D4	0.17	DEAD					3D4-1	0.17
3D4	0.34	DEAD					3D4-1	0.34
3D4	0.34	DEAD					3D4-1	0.34
3D4	0.34	DEAD					3D4-1	0.34
3D4	0.34	DEAD					3D4-1	0.34
3D4	0.	Lr					3D4-1	0.
3D4	0.	Lr					3D4-1	0.
3D4	0.	Lr					3D4-1	0.
3D4	0.	Lr					3D4-1	0.
3D4	0.17	Lr					3D4-1	0.17
3D4	0.17	Lr					3D4-1	0.17
3D4	0.17	Lr					3D4-1	0.17
3D4	0.17	Lr					3D4-1	0.17
3D4	0.34	Lr					3D4-1	0.34

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3D4	0.34	Lr					3D4-1	0.34
3D4	0.34	Lr					3D4-1	0.34
3D4	0.34	Lr					3D4-1	0.34
3D4	0.	Le					3D4-1	0.
3D4	0.	Le					3D4-1	0.
3D4	0.	Le					3D4-1	0.
3D4	0.	Le					3D4-1	0.
3D4	0.17	Le					3D4-1	0.17
3D4	0.17	Le					3D4-1	0.17
3D4	0.17	Le					3D4-1	0.17
3D4	0.17	Le					3D4-1	0.17
3D4	0.34	Le					3D4-1	0.34
3D4	0.34	Le					3D4-1	0.34
3D4	0.34	Le					3D4-1	0.34
3D4	0.34	Le					3D4-1	0.34
3D5	0.	DEAD					3D5-1	0.
3D5	0.	DEAD					3D5-1	0.
3D5	0.	DEAD					3D5-1	0.
3D5	0.	DEAD					3D5-1	0.
3D5	0.277	DEAD					3D5-1	0.277
3D5	0.277	DEAD					3D5-1	0.277
3D5	0.277	DEAD					3D5-1	0.277
3D5	0.277	DEAD					3D5-1	0.277
3D5	0.	Lr					3D5-1	0.
3D5	0.	Lr					3D5-1	0.
3D5	0.	Lr					3D5-1	0.
3D5	0.	Lr					3D5-1	0.
3D5	0.277	Lr					3D5-1	0.277
3D5	0.277	Lr					3D5-1	0.277
3D5	0.277	Lr					3D5-1	0.277
3D5	0.277	Lr					3D5-1	0.277
3D5	0.	Le					3D5-1	0.
3D5	0.	Le					3D5-1	0.
3D5	0.	Le					3D5-1	0.
3D5	0.	Le					3D5-1	0.
3D5	0.277	Le					3D5-1	0.277
3D5	0.277	Le					3D5-1	0.277
3D5	0.277	Le					3D5-1	0.277
3D5	0.277	Le					3D5-1	0.277
3D6	0.	DEAD					3D6-1	0.
3D6	0.	DEAD					3D6-1	0.
3D6	0.	DEAD					3D6-1	0.
3D6	0.	DEAD					3D6-1	0.
3D6	0.277	DEAD					3D6-1	0.277
3D6	0.277	DEAD					3D6-1	0.277
3D6	0.277	DEAD					3D6-1	0.277
3D6	0.277	DEAD					3D6-1	0.277
3D6	0.	Lr					3D6-1	0.
3D6	0.	Lr					3D6-1	0.
3D6	0.	Lr					3D6-1	0.
3D6	0.	Lr					3D6-1	0.
3D6	0.277	Lr					3D6-1	0.277
3D6	0.277	Lr					3D6-1	0.277
3D6	0.277	Lr					3D6-1	0.277

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3D6	0.277	Lr					3D6-1	0.277
3D6	0.	Le					3D6-1	0.
3D6	0.	Le					3D6-1	0.
3D6	0.	Le					3D6-1	0.
3D6	0.	Le					3D6-1	0.
3D6	0.277	Le					3D6-1	0.277
3D6	0.277	Le					3D6-1	0.277
3D6	0.277	Le					3D6-1	0.277
3D6	0.277	Le					3D6-1	0.277
3D7	0.	DEAD					3D7-1	0.
3D7	0.	DEAD					3D7-1	0.
3D7	0.	DEAD					3D7-1	0.
3D7	0.	DEAD					3D7-1	0.
3D7	0.277	DEAD					3D7-1	0.277
3D7	0.277	DEAD					3D7-1	0.277
3D7	0.277	DEAD					3D7-1	0.277
3D7	0.277	DEAD					3D7-1	0.277
3D7	0.	Lr					3D7-1	0.
3D7	0.	Lr					3D7-1	0.
3D7	0.	Lr					3D7-1	0.
3D7	0.	Lr					3D7-1	0.
3D7	0.277	Lr					3D7-1	0.277
3D7	0.277	Lr					3D7-1	0.277
3D7	0.277	Lr					3D7-1	0.277
3D7	0.277	Lr					3D7-1	0.277
3D7	0.	Le					3D7-1	0.
3D7	0.	Le					3D7-1	0.
3D7	0.	Le					3D7-1	0.
3D7	0.	Le					3D7-1	0.
3D7	0.277	Le					3D7-1	0.277
3D7	0.277	Le					3D7-1	0.277
3D7	0.277	Le					3D7-1	0.277
3D7	0.277	Le					3D7-1	0.277
3D8	0.	DEAD					3D8-1	0.
3D8	0.	DEAD					3D8-1	0.
3D8	0.	DEAD					3D8-1	0.
3D8	0.	DEAD					3D8-1	0.
3D8	0.277	DEAD					3D8-1	0.277
3D8	0.277	DEAD					3D8-1	0.277
3D8	0.277	DEAD					3D8-1	0.277
3D8	0.277	DEAD					3D8-1	0.277
3D8	0.	Lr					3D8-1	0.
3D8	0.	Lr					3D8-1	0.
3D8	0.	Lr					3D8-1	0.
3D8	0.	Lr					3D8-1	0.
3D8	0.277	Lr					3D8-1	0.277
3D8	0.277	Lr					3D8-1	0.277
3D8	0.277	Lr					3D8-1	0.277
3D8	0.277	Lr					3D8-1	0.277
3D8	0.	Le					3D8-1	0.
3D8	0.	Le					3D8-1	0.
3D8	0.	Le					3D8-1	0.
3D8	0.	Le					3D8-1	0.
3D8	0.277	Le					3D8-1	0.277

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3D8	0.277	Le					3D8-1	0.277
3D8	0.277	Le					3D8-1	0.277
3D8	0.277	Le					3D8-1	0.277
3D9	0.	DEAD					3D9-1	0.
3D9	0.	DEAD					3D9-1	0.
3D9	0.	DEAD					3D9-1	0.
3D9	0.	DEAD					3D9-1	0.
3D9	0.277	DEAD					3D9-1	0.277
3D9	0.277	DEAD					3D9-1	0.277
3D9	0.277	DEAD					3D9-1	0.277
3D9	0.277	DEAD					3D9-1	0.277
3D9	0.	Lr					3D9-1	0.
3D9	0.	Lr					3D9-1	0.
3D9	0.	Lr					3D9-1	0.
3D9	0.	Lr					3D9-1	0.
3D9	0.277	Lr					3D9-1	0.277
3D9	0.277	Lr					3D9-1	0.277
3D9	0.277	Lr					3D9-1	0.277
3D9	0.277	Lr					3D9-1	0.277
3D9	0.	Le					3D9-1	0.
3D9	0.	Le					3D9-1	0.
3D9	0.	Le					3D9-1	0.
3D9	0.	Le					3D9-1	0.
3D9	0.277	Le					3D9-1	0.277
3D9	0.277	Le					3D9-1	0.277
3D9	0.277	Le					3D9-1	0.277
3D9	0.277	Le					3D9-1	0.277
3DA	0.	DEAD					3DA-1	0.
3DA	0.	DEAD					3DA-1	0.
3DA	0.	DEAD					3DA-1	0.
3DA	0.	DEAD					3DA-1	0.
3DA	0.277	DEAD					3DA-1	0.277
3DA	0.277	DEAD					3DA-1	0.277
3DA	0.277	DEAD					3DA-1	0.277
3DA	0.277	DEAD					3DA-1	0.277
3DA	0.	Lr					3DA-1	0.
3DA	0.	Lr					3DA-1	0.
3DA	0.	Lr					3DA-1	0.
3DA	0.	Lr					3DA-1	0.
3DA	0.277	Lr					3DA-1	0.277
3DA	0.277	Lr					3DA-1	0.277
3DA	0.277	Lr					3DA-1	0.277
3DA	0.277	Lr					3DA-1	0.277
3DA	0.	Le					3DA-1	0.
3DA	0.	Le					3DA-1	0.
3DA	0.	Le					3DA-1	0.
3DA	0.	Le					3DA-1	0.
3DA	0.277	Le					3DA-1	0.277
3DA	0.277	Le					3DA-1	0.277
3DA	0.277	Le					3DA-1	0.277
3DA	0.277	Le					3DA-1	0.277
3DB	0.	DEAD					3DB-1	0.
3DB	0.	DEAD					3DB-1	0.
3DB	0.	DEAD					3DB-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3DB	0.	DEAD					3DB-1	0.
3DB	0.277	DEAD					3DB-1	0.277
3DB	0.277	DEAD					3DB-1	0.277
3DB	0.277	DEAD					3DB-1	0.277
3DB	0.277	DEAD					3DB-1	0.277
3DB	0.	Lr					3DB-1	0.
3DB	0.	Lr					3DB-1	0.
3DB	0.	Lr					3DB-1	0.
3DB	0.	Lr					3DB-1	0.
3DB	0.277	Lr					3DB-1	0.277
3DB	0.277	Lr					3DB-1	0.277
3DB	0.277	Lr					3DB-1	0.277
3DB	0.277	Lr					3DB-1	0.277
3DB	0.	Le					3DB-1	0.
3DB	0.	Le					3DB-1	0.
3DB	0.	Le					3DB-1	0.
3DB	0.	Le					3DB-1	0.
3DB	0.277	Le					3DB-1	0.277
3DB	0.277	Le					3DB-1	0.277
3DB	0.277	Le					3DB-1	0.277
3DB	0.277	Le					3DB-1	0.277
3DC	0.	DEAD					3DC-1	0.
3DC	0.	DEAD					3DC-1	0.
3DC	0.	DEAD					3DC-1	0.
3DC	0.	DEAD					3DC-1	0.
3DC	0.277	DEAD					3DC-1	0.277
3DC	0.277	DEAD					3DC-1	0.277
3DC	0.277	DEAD					3DC-1	0.277
3DC	0.277	DEAD					3DC-1	0.277
3DC	0.	Lr					3DC-1	0.
3DC	0.	Lr					3DC-1	0.
3DC	0.	Lr					3DC-1	0.
3DC	0.	Lr					3DC-1	0.
3DC	0.277	Lr					3DC-1	0.277
3DC	0.277	Lr					3DC-1	0.277
3DC	0.277	Lr					3DC-1	0.277
3DC	0.277	Lr					3DC-1	0.277
3DC	0.	Le					3DC-1	0.
3DC	0.	Le					3DC-1	0.
3DC	0.	Le					3DC-1	0.
3DC	0.	Le					3DC-1	0.
3DC	0.277	Le					3DC-1	0.277
3DC	0.277	Le					3DC-1	0.277
3DC	0.277	Le					3DC-1	0.277
3DC	0.277	Le					3DC-1	0.277
3DD	0.	DEAD					3DD-1	0.
3DD	0.	DEAD					3DD-1	0.
3DD	0.	DEAD					3DD-1	0.
3DD	0.	DEAD					3DD-1	0.
3DD	0.277	DEAD					3DD-1	0.277
3DD	0.277	DEAD					3DD-1	0.277
3DD	0.277	DEAD					3DD-1	0.277
3DD	0.277	DEAD					3DD-1	0.277
3DD	0.	Lr					3DD-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3DD	0.	Lr					3DD-1	0.
3DD	0.	Lr					3DD-1	0.
3DD	0.	Lr					3DD-1	0.
3DD	0.277	Lr					3DD-1	0.277
3DD	0.277	Lr					3DD-1	0.277
3DD	0.277	Lr					3DD-1	0.277
3DD	0.277	Lr					3DD-1	0.277
3DD	0.	Le					3DD-1	0.
3DD	0.	Le					3DD-1	0.
3DD	0.	Le					3DD-1	0.
3DD	0.	Le					3DD-1	0.
3DD	0.277	Le					3DD-1	0.277
3DD	0.277	Le					3DD-1	0.277
3DD	0.277	Le					3DD-1	0.277
3DD	0.277	Le					3DD-1	0.277
3DE	0.	DEAD					3DE-1	0.
3DE	0.	DEAD					3DE-1	0.
3DE	0.	DEAD					3DE-1	0.
3DE	0.	DEAD					3DE-1	0.
3DE	0.277	DEAD					3DE-1	0.277
3DE	0.277	DEAD					3DE-1	0.277
3DE	0.277	DEAD					3DE-1	0.277
3DE	0.277	DEAD					3DE-1	0.277
3DE	0.	Lr					3DE-1	0.
3DE	0.	Lr					3DE-1	0.
3DE	0.	Lr					3DE-1	0.
3DE	0.	Lr					3DE-1	0.
3DE	0.277	Lr					3DE-1	0.277
3DE	0.277	Lr					3DE-1	0.277
3DE	0.277	Lr					3DE-1	0.277
3DE	0.277	Lr					3DE-1	0.277
3DE	0.	Le					3DE-1	0.
3DE	0.	Le					3DE-1	0.
3DE	0.	Le					3DE-1	0.
3DE	0.	Le					3DE-1	0.
3DE	0.277	Le					3DE-1	0.277
3DE	0.277	Le					3DE-1	0.277
3DE	0.277	Le					3DE-1	0.277
3DE	0.277	Le					3DE-1	0.277
3DF	0.	DEAD					3DF-1	0.
3DF	0.	DEAD					3DF-1	0.
3DF	0.	DEAD					3DF-1	0.
3DF	0.	DEAD					3DF-1	0.
3DF	0.277	DEAD					3DF-1	0.277
3DF	0.277	DEAD					3DF-1	0.277
3DF	0.277	DEAD					3DF-1	0.277
3DF	0.277	DEAD					3DF-1	0.277
3DF	0.	Lr					3DF-1	0.
3DF	0.	Lr					3DF-1	0.
3DF	0.	Lr					3DF-1	0.
3DF	0.	Lr					3DF-1	0.
3DF	0.277	Lr					3DF-1	0.277
3DF	0.277	Lr					3DF-1	0.277
3DF	0.277	Lr					3DF-1	0.277

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3DF	0.277	Lr					3DF-1	0.277
3DF	0.	Le					3DF-1	0.
3DF	0.	Le					3DF-1	0.
3DF	0.	Le					3DF-1	0.
3DF	0.	Le					3DF-1	0.
3DF	0.277	Le					3DF-1	0.277
3DF	0.277	Le					3DF-1	0.277
3DF	0.277	Le					3DF-1	0.277
3DF	0.277	Le					3DF-1	0.277
3E0	0.	DEAD					3E0-1	0.
3E0	0.	DEAD					3E0-1	0.
3E0	0.	DEAD					3E0-1	0.
3E0	0.	DEAD					3E0-1	0.
3E0	0.00251	DEAD					3E0-1	0.00251
3E0	0.00251	DEAD					3E0-1	0.00251
3E0	0.00251	DEAD					3E0-1	0.00251
3E0	0.00251	DEAD					3E0-1	0.00251
3E0	0.00251	DEAD					3E0-2	0.
3E0	0.00251	DEAD					3E0-2	0.
3E0	0.00251	DEAD					3E0-2	0.
3E0	0.00251	DEAD					3E0-2	0.
3E0	0.277	DEAD					3E0-2	0.27449
3E0	0.277	DEAD					3E0-2	0.27449
3E0	0.277	DEAD					3E0-2	0.27449
3E0	0.277	DEAD					3E0-2	0.27449
3E0	0.	Lr					3E0-1	0.
3E0	0.	Lr					3E0-1	0.
3E0	0.	Lr					3E0-1	0.
3E0	0.	Lr					3E0-1	0.
3E0	0.00251	Lr					3E0-1	0.00251
3E0	0.00251	Lr					3E0-1	0.00251
3E0	0.00251	Lr					3E0-1	0.00251
3E0	0.00251	Lr					3E0-1	0.00251
3E0	0.00251	Lr					3E0-2	0.
3E0	0.00251	Lr					3E0-2	0.
3E0	0.00251	Lr					3E0-2	0.
3E0	0.00251	Lr					3E0-2	0.
3E0	0.277	Lr					3E0-2	0.27449
3E0	0.277	Lr					3E0-2	0.27449
3E0	0.277	Lr					3E0-2	0.27449
3E0	0.277	Lr					3E0-2	0.27449
3E0	0.	Le					3E0-1	0.
3E0	0.	Le					3E0-1	0.
3E0	0.	Le					3E0-1	0.
3E0	0.	Le					3E0-1	0.
3E0	0.00251	Le					3E0-1	0.00251
3E0	0.00251	Le					3E0-1	0.00251
3E0	0.00251	Le					3E0-1	0.00251
3E0	0.00251	Le					3E0-1	0.00251
3E0	0.00251	Le					3E0-2	0.
3E0	0.00251	Le					3E0-2	0.
3E0	0.00251	Le					3E0-2	0.
3E0	0.00251	Le					3E0-2	0.
3E0	0.277	Le					3E0-2	0.27449

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E0	0.277	Le					3E0-2	0.27449
3E0	0.277	Le					3E0-2	0.27449
3E0	0.277	Le					3E0-2	0.27449
3E1	0.	DEAD					3E1-1	0.
3E1	0.	DEAD					3E1-1	0.
3E1	0.	DEAD					3E1-1	0.
3E1	0.	DEAD					3E1-1	0.
3E1	0.27449	DEAD					3E1-1	0.27449
3E1	0.27449	DEAD					3E1-1	0.27449
3E1	0.27449	DEAD					3E1-1	0.27449
3E1	0.27449	DEAD					3E1-1	0.27449
3E1	0.27449	DEAD					3E1-2	0.
3E1	0.27449	DEAD					3E1-2	0.
3E1	0.27449	DEAD					3E1-2	0.
3E1	0.27449	DEAD					3E1-2	0.
3E1	0.277	DEAD					3E1-2	0.00251
3E1	0.277	DEAD					3E1-2	0.00251
3E1	0.277	DEAD					3E1-2	0.00251
3E1	0.277	DEAD					3E1-2	0.00251
3E1	0.	Lr					3E1-1	0.
3E1	0.	Lr					3E1-1	0.
3E1	0.	Lr					3E1-1	0.
3E1	0.	Lr					3E1-1	0.
3E1	0.27449	Lr					3E1-1	0.27449
3E1	0.27449	Lr					3E1-1	0.27449
3E1	0.27449	Lr					3E1-1	0.27449
3E1	0.27449	Lr					3E1-1	0.27449
3E1	0.27449	Lr					3E1-2	0.
3E1	0.27449	Lr					3E1-2	0.
3E1	0.27449	Lr					3E1-2	0.
3E1	0.27449	Lr					3E1-2	0.
3E1	0.277	Lr					3E1-2	0.00251
3E1	0.277	Lr					3E1-2	0.00251
3E1	0.277	Lr					3E1-2	0.00251
3E1	0.277	Lr					3E1-2	0.00251
3E1	0.	Le					3E1-1	0.
3E1	0.	Le					3E1-1	0.
3E1	0.	Le					3E1-1	0.
3E1	0.	Le					3E1-1	0.
3E1	0.27449	Le					3E1-1	0.27449
3E1	0.27449	Le					3E1-1	0.27449
3E1	0.27449	Le					3E1-1	0.27449
3E1	0.27449	Le					3E1-1	0.27449
3E1	0.27449	Le					3E1-2	0.
3E1	0.27449	Le					3E1-2	0.
3E1	0.27449	Le					3E1-2	0.
3E1	0.27449	Le					3E1-2	0.
3E1	0.277	Le					3E1-2	0.00251
3E1	0.277	Le					3E1-2	0.00251
3E1	0.277	Le					3E1-2	0.00251
3E1	0.277	Le					3E1-2	0.00251
3E2	0.	DEAD					3E2-1	0.
3E2	0.	DEAD					3E2-1	0.
3E2	0.	DEAD					3E2-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E2	0.	DEAD					3E2-1	0.
3E2	0.277	DEAD					3E2-1	0.277
3E2	0.277	DEAD					3E2-1	0.277
3E2	0.277	DEAD					3E2-1	0.277
3E2	0.277	DEAD					3E2-1	0.277
3E2	0.	Lr					3E2-1	0.
3E2	0.	Lr					3E2-1	0.
3E2	0.	Lr					3E2-1	0.
3E2	0.	Lr					3E2-1	0.
3E2	0.277	Lr					3E2-1	0.277
3E2	0.277	Lr					3E2-1	0.277
3E2	0.277	Lr					3E2-1	0.277
3E2	0.277	Lr					3E2-1	0.277
3E2	0.	Le					3E2-1	0.
3E2	0.	Le					3E2-1	0.
3E2	0.	Le					3E2-1	0.
3E2	0.	Le					3E2-1	0.
3E2	0.277	Le					3E2-1	0.277
3E2	0.277	Le					3E2-1	0.277
3E2	0.277	Le					3E2-1	0.277
3E2	0.277	Le					3E2-1	0.277
3E3	0.	DEAD					3E3-1	0.
3E3	0.	DEAD					3E3-1	0.
3E3	0.	DEAD					3E3-1	0.
3E3	0.	DEAD					3E3-1	0.
3E3	0.277	DEAD					3E3-1	0.277
3E3	0.277	DEAD					3E3-1	0.277
3E3	0.277	DEAD					3E3-1	0.277
3E3	0.277	DEAD					3E3-1	0.277
3E3	0.	Lr					3E3-1	0.
3E3	0.	Lr					3E3-1	0.
3E3	0.	Lr					3E3-1	0.
3E3	0.	Lr					3E3-1	0.
3E3	0.277	Lr					3E3-1	0.277
3E3	0.277	Lr					3E3-1	0.277
3E3	0.277	Lr					3E3-1	0.277
3E3	0.277	Lr					3E3-1	0.277
3E3	0.	Le					3E3-1	0.
3E3	0.	Le					3E3-1	0.
3E3	0.	Le					3E3-1	0.
3E3	0.	Le					3E3-1	0.
3E3	0.277	Le					3E3-1	0.277
3E3	0.277	Le					3E3-1	0.277
3E3	0.277	Le					3E3-1	0.277
3E3	0.277	Le					3E3-1	0.277
3E4	0.	DEAD	No	Yes	No	No	3E4-1	0.
3E4	0.	DEAD	No	No	No	No	3E4-1	0.
3E4	0.	DEAD	No	No	No	No	3E4-1	0.
3E4	0.	DEAD	No	No	No	Yes	3E4-1	0.
3E4	0.	DEAD	No	No	No	No	3E4-1	0.
3E4	0.	DEAD	No	No	No	No	3E4-1	0.
3E4	0.	DEAD	No	No	Yes	No	3E4-1	0.
3E4	0.	DEAD	No	No	No	No	3E4-1	0.
3E4	0.	DEAD	Yes	No	No	No	3E4-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E4	0.19807	DEAD	No	Yes	No	No	3E4-1	0.19807
3E4	0.19807	DEAD	No	No	No	No	3E4-1	0.19807
3E4	0.19807	DEAD	No	No	No	No	3E4-1	0.19807
3E4	0.19807	DEAD	No	No	Yes	No	3E4-1	0.19807
3E4	0.19807	DEAD	No	No	No	No	3E4-1	0.19807
3E4	0.19807	DEAD	No	No	No	No	3E4-1	0.19807
3E4	0.19807	DEAD	No	No	No	Yes	3E4-1	0.19807
3E4	0.19807	DEAD	No	No	No	No	3E4-1	0.19807
3E4	0.19807	DEAD	Yes	No	No	No	3E4-1	0.19807
3E4	0.39613	DEAD	No	Yes	No	No	3E4-1	0.39613
3E4	0.39613	DEAD	No	No	No	No	3E4-1	0.39613
3E4	0.39613	DEAD	No	No	No	No	3E4-1	0.39613
3E4	0.39613	DEAD	No	No	Yes	No	3E4-1	0.39613
3E4	0.39613	DEAD	No	No	No	No	3E4-1	0.39613
3E4	0.39613	DEAD	No	No	No	No	3E4-1	0.39613
3E4	0.39613	DEAD	No	No	No	Yes	3E4-1	0.39613
3E4	0.39613	DEAD	No	No	No	No	3E4-1	0.39613
3E4	0.39613	DEAD	Yes	No	No	No	3E4-1	0.39613
3E4	0.	Lr	No	Yes	No	No	3E4-1	0.
3E4	0.	Lr	No	No	No	No	3E4-1	0.
3E4	0.	Lr	No	No	No	No	3E4-1	0.
3E4	0.	Lr	No	No	No	Yes	3E4-1	0.
3E4	0.	Lr	No	No	No	No	3E4-1	0.
3E4	0.	Lr	No	No	No	No	3E4-1	0.
3E4	0.	Lr	No	No	Yes	No	3E4-1	0.
3E4	0.	Lr	No	No	No	No	3E4-1	0.
3E4	0.	Lr	Yes	No	No	No	3E4-1	0.
3E4	0.19807	Lr	No	Yes	No	No	3E4-1	0.19807
3E4	0.19807	Lr	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Lr	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Lr	No	No	Yes	No	3E4-1	0.19807
3E4	0.19807	Lr	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Lr	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Lr	No	No	No	Yes	3E4-1	0.19807
3E4	0.19807	Lr	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Lr	Yes	No	No	No	3E4-1	0.19807
3E4	0.39613	Lr	No	Yes	No	No	3E4-1	0.39613
3E4	0.39613	Lr	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Lr	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Lr	No	No	Yes	No	3E4-1	0.39613
3E4	0.39613	Lr	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Lr	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Lr	No	No	No	Yes	3E4-1	0.39613
3E4	0.39613	Lr	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Lr	Yes	No	No	No	3E4-1	0.39613
3E4	0.	Le	No	Yes	No	No	3E4-1	0.
3E4	0.	Le	No	No	No	No	3E4-1	0.
3E4	0.	Le	No	No	No	No	3E4-1	0.
3E4	0.	Le	No	No	No	Yes	3E4-1	0.
3E4	0.	Le	No	No	No	No	3E4-1	0.
3E4	0.	Le	No	No	No	No	3E4-1	0.
3E4	0.	Le	No	No	Yes	No	3E4-1	0.
3E4	0.	Le	No	No	No	No	3E4-1	0.
3E4	0.	Le	Yes	No	No	No	3E4-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E4	0.19807	Le	No	Yes	No	No	3E4-1	0.19807
3E4	0.19807	Le	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Le	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Le	No	No	Yes	No	3E4-1	0.19807
3E4	0.19807	Le	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Le	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Le	No	No	No	Yes	3E4-1	0.19807
3E4	0.19807	Le	No	No	No	No	3E4-1	0.19807
3E4	0.19807	Le	Yes	No	No	No	3E4-1	0.19807
3E4	0.39613	Le	No	Yes	No	No	3E4-1	0.39613
3E4	0.39613	Le	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Le	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Le	No	No	Yes	No	3E4-1	0.39613
3E4	0.39613	Le	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Le	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Le	No	No	No	Yes	3E4-1	0.39613
3E4	0.39613	Le	No	No	No	No	3E4-1	0.39613
3E4	0.39613	Le	Yes	No	No	No	3E4-1	0.39613
3E5	0.	DEAD	No	Yes	No	No	3E5-1	0.
3E5	0.	DEAD	No	No	No	No	3E5-1	0.
3E5	0.	DEAD	No	No	No	No	3E5-1	0.
3E5	0.	DEAD	No	No	No	Yes	3E5-1	0.
3E5	0.	DEAD	No	No	No	No	3E5-1	0.
3E5	0.	DEAD	No	No	No	No	3E5-1	0.
3E5	0.	DEAD	No	No	Yes	No	3E5-1	0.
3E5	0.	DEAD	No	No	No	No	3E5-1	0.
3E5	0.	DEAD	Yes	No	No	No	3E5-1	0.
3E5	0.19807	DEAD	No	Yes	No	No	3E5-1	0.19807
3E5	0.19807	DEAD	No	No	No	No	3E5-1	0.19807
3E5	0.19807	DEAD	No	No	No	No	3E5-1	0.19807
3E5	0.19807	DEAD	No	No	Yes	No	3E5-1	0.19807
3E5	0.19807	DEAD	No	No	No	No	3E5-1	0.19807
3E5	0.19807	DEAD	No	No	No	No	3E5-1	0.19807
3E5	0.19807	DEAD	No	No	No	Yes	3E5-1	0.19807
3E5	0.19807	DEAD	No	No	No	No	3E5-1	0.19807
3E5	0.19807	DEAD	Yes	No	No	No	3E5-1	0.19807
3E5	0.39613	DEAD	No	Yes	No	No	3E5-1	0.39613
3E5	0.39613	DEAD	No	No	No	No	3E5-1	0.39613
3E5	0.39613	DEAD	No	No	No	No	3E5-1	0.39613
3E5	0.39613	DEAD	No	No	Yes	No	3E5-1	0.39613
3E5	0.39613	DEAD	No	No	No	No	3E5-1	0.39613
3E5	0.39613	DEAD	No	No	No	No	3E5-1	0.39613
3E5	0.39613	DEAD	No	No	No	Yes	3E5-1	0.39613
3E5	0.39613	DEAD	No	No	No	No	3E5-1	0.39613
3E5	0.39613	DEAD	Yes	No	No	No	3E5-1	0.39613
3E5	0.	Lr	No	Yes	No	No	3E5-1	0.
3E5	0.	Lr	No	No	No	No	3E5-1	0.
3E5	0.	Lr	No	No	No	No	3E5-1	0.
3E5	0.	Lr	No	No	No	Yes	3E5-1	0.
3E5	0.	Lr	No	No	No	No	3E5-1	0.
3E5	0.	Lr	No	No	No	No	3E5-1	0.
3E5	0.	Lr	No	No	Yes	No	3E5-1	0.
3E5	0.	Lr	No	No	No	No	3E5-1	0.
3E5	0.	Lr	Yes	No	No	No	3E5-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E5	0.19807	Lr	No	Yes	No	No	3E5-1	0.19807
3E5	0.19807	Lr	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Lr	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Lr	No	No	Yes	No	3E5-1	0.19807
3E5	0.19807	Lr	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Lr	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Lr	No	No	No	Yes	3E5-1	0.19807
3E5	0.19807	Lr	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Lr	Yes	No	No	No	3E5-1	0.19807
3E5	0.39613	Lr	No	Yes	No	No	3E5-1	0.39613
3E5	0.39613	Lr	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Lr	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Lr	No	No	Yes	No	3E5-1	0.39613
3E5	0.39613	Lr	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Lr	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Lr	No	No	No	Yes	3E5-1	0.39613
3E5	0.39613	Lr	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Lr	Yes	No	No	No	3E5-1	0.39613
3E5	0.	Le	No	Yes	No	No	3E5-1	0.
3E5	0.	Le	No	No	No	No	3E5-1	0.
3E5	0.	Le	No	No	No	No	3E5-1	0.
3E5	0.	Le	No	No	No	Yes	3E5-1	0.
3E5	0.	Le	No	No	No	No	3E5-1	0.
3E5	0.	Le	No	No	No	No	3E5-1	0.
3E5	0.	Le	No	No	Yes	No	3E5-1	0.
3E5	0.	Le	No	No	No	No	3E5-1	0.
3E5	0.	Le	Yes	No	No	No	3E5-1	0.
3E5	0.19807	Le	No	Yes	No	No	3E5-1	0.19807
3E5	0.19807	Le	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Le	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Le	No	No	Yes	No	3E5-1	0.19807
3E5	0.19807	Le	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Le	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Le	No	No	No	Yes	3E5-1	0.19807
3E5	0.19807	Le	No	No	No	No	3E5-1	0.19807
3E5	0.19807	Le	Yes	No	No	No	3E5-1	0.19807
3E5	0.39613	Le	No	Yes	No	No	3E5-1	0.39613
3E5	0.39613	Le	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Le	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Le	No	No	Yes	No	3E5-1	0.39613
3E5	0.39613	Le	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Le	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Le	No	No	No	Yes	3E5-1	0.39613
3E5	0.39613	Le	No	No	No	No	3E5-1	0.39613
3E5	0.39613	Le	Yes	No	No	No	3E5-1	0.39613
3E6	0.	DEAD	No	Yes	No	No	3E6-1	0.
3E6	0.	DEAD	Yes	No	No	No	3E6-1	0.
3E6	0.	DEAD	No	No	Yes	No	3E6-1	0.
3E6	0.	DEAD	No	No	No	No	3E6-1	0.
3E6	0.	DEAD	No	No	No	No	3E6-1	0.
3E6	0.	DEAD	No	No	No	No	3E6-1	0.
3E6	0.	DEAD	No	No	No	No	3E6-1	0.
3E6	0.	DEAD	No	No	No	Yes	3E6-1	0.
3E6	0.	DEAD	No	No	No	No	3E6-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E6	0.23926	DEAD	No	Yes	No	No	3E6-1	0.23926
3E6	0.23926	DEAD	Yes	No	No	No	3E6-1	0.23926
3E6	0.23926	DEAD	No	No	No	No	3E6-1	0.23926
3E6	0.23926	DEAD	No	No	No	No	3E6-1	0.23926
3E6	0.23926	DEAD	No	No	Yes	No	3E6-1	0.23926
3E6	0.23926	DEAD	No	No	No	Yes	3E6-1	0.23926
3E6	0.23926	DEAD	No	No	No	No	3E6-1	0.23926
3E6	0.23926	DEAD	No	No	No	No	3E6-1	0.23926
3E6	0.23926	DEAD	No	No	No	No	3E6-1	0.23926
3E6	0.47852	DEAD	No	Yes	No	No	3E6-1	0.47852
3E6	0.47852	DEAD	Yes	No	No	No	3E6-1	0.47852
3E6	0.47852	DEAD	No	No	No	No	3E6-1	0.47852
3E6	0.47852	DEAD	No	No	No	No	3E6-1	0.47852
3E6	0.47852	DEAD	No	No	No	Yes	3E6-1	0.47852
3E6	0.47852	DEAD	No	No	Yes	No	3E6-1	0.47852
3E6	0.47852	DEAD	No	No	No	No	3E6-1	0.47852
3E6	0.47852	DEAD	No	No	No	No	3E6-1	0.47852
3E6	0.47852	DEAD	No	No	No	No	3E6-1	0.47852
3E6	0.	Lr	No	Yes	No	No	3E6-1	0.
3E6	0.	Lr	Yes	No	No	No	3E6-1	0.
3E6	0.	Lr	No	No	Yes	No	3E6-1	0.
3E6	0.	Lr	No	No	No	No	3E6-1	0.
3E6	0.	Lr	No	No	No	No	3E6-1	0.
3E6	0.	Lr	No	No	No	No	3E6-1	0.
3E6	0.	Lr	No	No	No	No	3E6-1	0.
3E6	0.	Lr	No	No	No	Yes	3E6-1	0.
3E6	0.	Lr	No	No	No	No	3E6-1	0.
3E6	0.23926	Lr	No	Yes	No	No	3E6-1	0.23926
3E6	0.23926	Lr	Yes	No	No	No	3E6-1	0.23926
3E6	0.23926	Lr	No	No	Yes	No	3E6-1	0.23926
3E6	0.23926	Lr	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Lr	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Lr	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Lr	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Lr	No	No	No	Yes	3E6-1	0.23926
3E6	0.23926	Lr	No	No	No	No	3E6-1	0.23926
3E6	0.47852	Lr	No	Yes	No	No	3E6-1	0.47852
3E6	0.47852	Lr	Yes	No	No	No	3E6-1	0.47852
3E6	0.47852	Lr	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Lr	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Lr	No	No	No	Yes	3E6-1	0.47852
3E6	0.47852	Lr	No	No	Yes	No	3E6-1	0.47852
3E6	0.47852	Lr	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Lr	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Lr	No	No	No	No	3E6-1	0.47852
3E6	0.	Le	No	Yes	No	No	3E6-1	0.
3E6	0.	Le	Yes	No	No	No	3E6-1	0.
3E6	0.	Le	No	No	Yes	No	3E6-1	0.
3E6	0.	Le	No	No	No	No	3E6-1	0.
3E6	0.	Le	No	No	No	No	3E6-1	0.
3E6	0.	Le	No	No	No	No	3E6-1	0.
3E6	0.	Le	No	No	No	No	3E6-1	0.
3E6	0.	Le	No	No	No	Yes	3E6-1	0.
3E6	0.	Le	No	No	No	No	3E6-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E6	0.23926	Le	No	Yes	No	No	3E6-1	0.23926
3E6	0.23926	Le	Yes	No	No	No	3E6-1	0.23926
3E6	0.23926	Le	No	No	Yes	No	3E6-1	0.23926
3E6	0.23926	Le	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Le	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Le	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Le	No	No	No	No	3E6-1	0.23926
3E6	0.23926	Le	No	No	No	Yes	3E6-1	0.23926
3E6	0.23926	Le	No	No	No	No	3E6-1	0.23926
3E6	0.47852	Le	No	Yes	No	No	3E6-1	0.47852
3E6	0.47852	Le	Yes	No	No	No	3E6-1	0.47852
3E6	0.47852	Le	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Le	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Le	No	No	No	Yes	3E6-1	0.47852
3E6	0.47852	Le	No	No	Yes	No	3E6-1	0.47852
3E6	0.47852	Le	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Le	No	No	No	No	3E6-1	0.47852
3E6	0.47852	Le	No	No	No	No	3E6-1	0.47852
3E7	0.	DEAD	No	Yes	No	No	3E7-1	0.
3E7	0.	DEAD	Yes	No	No	No	3E7-1	0.
3E7	0.	DEAD	No	No	Yes	No	3E7-1	0.
3E7	0.	DEAD	No	No	No	No	3E7-1	0.
3E7	0.	DEAD	No	No	No	No	3E7-1	0.
3E7	0.	DEAD	No	No	No	No	3E7-1	0.
3E7	0.	DEAD	No	No	No	No	3E7-1	0.
3E7	0.	DEAD	No	No	No	Yes	3E7-1	0.
3E7	0.	DEAD	No	No	No	No	3E7-1	0.
3E7	0.23926	DEAD	No	Yes	No	No	3E7-1	0.23926
3E7	0.23926	DEAD	Yes	No	No	No	3E7-1	0.23926
3E7	0.23926	DEAD	No	No	No	No	3E7-1	0.23926
3E7	0.23926	DEAD	No	No	No	No	3E7-1	0.23926
3E7	0.23926	DEAD	No	No	Yes	No	3E7-1	0.23926
3E7	0.23926	DEAD	No	No	No	Yes	3E7-1	0.23926
3E7	0.23926	DEAD	No	No	No	No	3E7-1	0.23926
3E7	0.23926	DEAD	No	No	No	No	3E7-1	0.23926
3E7	0.23926	DEAD	No	No	No	No	3E7-1	0.23926
3E7	0.47852	DEAD	No	Yes	No	No	3E7-1	0.47852
3E7	0.47852	DEAD	Yes	No	No	No	3E7-1	0.47852
3E7	0.47852	DEAD	No	No	No	No	3E7-1	0.47852
3E7	0.47852	DEAD	No	No	No	No	3E7-1	0.47852
3E7	0.47852	DEAD	No	No	No	Yes	3E7-1	0.47852
3E7	0.47852	DEAD	No	No	Yes	No	3E7-1	0.47852
3E7	0.47852	DEAD	No	No	No	No	3E7-1	0.47852
3E7	0.47852	DEAD	No	No	No	No	3E7-1	0.47852
3E7	0.47852	DEAD	No	No	No	No	3E7-1	0.47852
3E7	0.	Lr	No	Yes	No	No	3E7-1	0.
3E7	0.	Lr	Yes	No	No	No	3E7-1	0.
3E7	0.	Lr	No	No	Yes	No	3E7-1	0.
3E7	0.	Lr	No	No	No	No	3E7-1	0.
3E7	0.	Lr	No	No	No	No	3E7-1	0.
3E7	0.	Lr	No	No	No	No	3E7-1	0.
3E7	0.	Lr	No	No	No	No	3E7-1	0.
3E7	0.	Lr	No	No	No	Yes	3E7-1	0.
3E7	0.	Lr	No	No	No	No	3E7-1	0.

Table: Element Stresses - Frames, Part 4 of 4

Frame	Station	OutputCase	IsS31Min	IsSMaxMin	IsSMinMin	IsSVMMin	FrameElem	ElemStation
	m							m
3E7	0.23926	Lr	No	Yes	No	No	3E7-1	0.23926
3E7	0.23926	Lr	Yes	No	No	No	3E7-1	0.23926
3E7	0.23926	Lr	No	No	Yes	No	3E7-1	0.23926
3E7	0.23926	Lr	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Lr	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Lr	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Lr	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Lr	No	No	No	Yes	3E7-1	0.23926
3E7	0.23926	Lr	No	No	No	No	3E7-1	0.23926
3E7	0.47852	Lr	No	Yes	No	No	3E7-1	0.47852
3E7	0.47852	Lr	Yes	No	No	No	3E7-1	0.47852
3E7	0.47852	Lr	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Lr	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Lr	No	No	No	Yes	3E7-1	0.47852
3E7	0.47852	Lr	No	No	Yes	No	3E7-1	0.47852
3E7	0.47852	Lr	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Lr	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Lr	No	No	No	No	3E7-1	0.47852
3E7	0.	Le	No	Yes	No	No	3E7-1	0.
3E7	0.	Le	Yes	No	No	No	3E7-1	0.
3E7	0.	Le	No	No	Yes	No	3E7-1	0.
3E7	0.	Le	No	No	No	No	3E7-1	0.
3E7	0.	Le	No	No	No	No	3E7-1	0.
3E7	0.	Le	No	No	No	No	3E7-1	0.
3E7	0.	Le	No	No	No	No	3E7-1	0.
3E7	0.	Le	No	No	No	Yes	3E7-1	0.
3E7	0.	Le	No	No	No	No	3E7-1	0.
3E7	0.23926	Le	No	Yes	No	No	3E7-1	0.23926
3E7	0.23926	Le	Yes	No	No	No	3E7-1	0.23926
3E7	0.23926	Le	No	No	Yes	No	3E7-1	0.23926
3E7	0.23926	Le	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Le	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Le	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Le	No	No	No	No	3E7-1	0.23926
3E7	0.23926	Le	No	No	No	Yes	3E7-1	0.23926
3E7	0.23926	Le	No	No	No	No	3E7-1	0.23926
3E7	0.47852	Le	No	Yes	No	No	3E7-1	0.47852
3E7	0.47852	Le	Yes	No	No	No	3E7-1	0.47852
3E7	0.47852	Le	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Le	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Le	No	No	No	Yes	3E7-1	0.47852
3E7	0.47852	Le	No	No	Yes	No	3E7-1	0.47852
3E7	0.47852	Le	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Le	No	No	No	No	3E7-1	0.47852
3E7	0.47852	Le	No	No	No	No	3E7-1	0.47852

Table: Frame Auto Mesh Assignments

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
1	Yes	Yes	No	0	0.	0.
2	Yes	Yes	No	0	0.	0.

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
3	Yes	Yes	No	0	0.	0.
4	Yes	Yes	No	0	0.	0.
5	Yes	Yes	No	0	0.	0.
6	Yes	Yes	No	0	0.	0.
7	Yes	Yes	No	0	0.	0.
8	Yes	Yes	No	0	0.	0.
9	Yes	Yes	No	0	0.	0.
10	Yes	Yes	No	0	0.	0.
11	Yes	Yes	No	0	0.	0.
12	Yes	Yes	No	0	0.	0.
13	Yes	Yes	No	0	0.	0.
14	Yes	Yes	No	0	0.	0.
16	Yes	Yes	No	0	0.	0.
17	Yes	Yes	No	0	0.	0.
18	Yes	Yes	No	0	0.	0.
19	Yes	Yes	No	0	0.	0.
20	Yes	Yes	No	0	0.	0.
21	Yes	Yes	No	0	0.	0.
22	Yes	Yes	No	0	0.	0.
23	Yes	Yes	No	0	0.	0.
24	Yes	Yes	No	0	0.	0.
25	Yes	Yes	No	0	0.	0.
26	Yes	Yes	No	0	0.	0.
27	Yes	Yes	No	0	0.	0.
28	Yes	Yes	No	0	0.	0.
29	Yes	Yes	No	0	0.	0.
30	Yes	Yes	No	0	0.	0.
31	Yes	Yes	No	0	0.	0.
32	Yes	Yes	No	0	0.	0.
33	Yes	Yes	No	0	0.	0.
34	Yes	Yes	No	0	0.	0.
35	Yes	Yes	No	0	0.	0.
36	Yes	Yes	No	0	0.	0.
37	Yes	Yes	No	0	0.	0.
38	Yes	Yes	No	0	0.	0.
39	Yes	Yes	No	0	0.	0.
40	Yes	Yes	No	0	0.	0.
41	Yes	Yes	No	0	0.	0.
42	Yes	Yes	No	0	0.	0.
43	Yes	Yes	No	0	0.	0.
44	Yes	Yes	No	0	0.	0.
45	Yes	Yes	No	0	0.	0.
46	Yes	Yes	No	0	0.	0.
47	Yes	Yes	No	0	0.	0.
48	Yes	Yes	No	0	0.	0.
49	Yes	Yes	No	0	0.	0.
50	Yes	Yes	No	0	0.	0.
51	Yes	Yes	No	0	0.	0.
52	Yes	Yes	No	0	0.	0.
53	Yes	Yes	No	0	0.	0.
54	Yes	Yes	No	0	0.	0.
55	Yes	Yes	No	0	0.	0.
56	Yes	Yes	No	0	0.	0.

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
57	Yes	Yes	No	0	0.	0.
306	Yes	Yes	No	0	0.	0.
307	Yes	Yes	No	0	0.	0.
308	Yes	Yes	No	0	0.	0.
309	Yes	Yes	No	0	0.	0.
30A	Yes	Yes	No	0	0.	0.
30B	Yes	Yes	No	0	0.	0.
30C	Yes	Yes	No	0	0.	0.
30D	Yes	Yes	No	0	0.	0.
30E	Yes	Yes	No	0	0.	0.
30F	Yes	Yes	No	0	0.	0.
310	Yes	Yes	No	0	0.	0.
311	Yes	Yes	No	0	0.	0.
312	Yes	Yes	No	0	0.	0.
343	Yes	Yes	No	0	0.	0.
344	Yes	Yes	No	0	0.	0.
345	Yes	Yes	No	0	0.	0.
346	Yes	Yes	No	0	0.	0.
347	Yes	Yes	No	0	0.	0.
348	Yes	Yes	No	0	0.	0.
349	Yes	Yes	No	0	0.	0.
34A	Yes	Yes	No	0	0.	0.
34B	Yes	Yes	No	0	0.	0.
34C	Yes	Yes	No	0	0.	0.
34D	Yes	Yes	No	0	0.	0.
34E	Yes	Yes	No	0	0.	0.
35C	Yes	Yes	No	0	0.	0.
35D	Yes	Yes	No	0	0.	0.
35E	Yes	Yes	No	0	0.	0.
35F	Yes	Yes	No	0	0.	0.
360	Yes	Yes	No	0	0.	0.
361	Yes	Yes	No	0	0.	0.
362	Yes	Yes	No	0	0.	0.
363	Yes	Yes	No	0	0.	0.
364	Yes	Yes	No	0	0.	0.
365	Yes	Yes	No	0	0.	0.
366	Yes	Yes	No	0	0.	0.
367	Yes	Yes	No	0	0.	0.
368	Yes	Yes	No	0	0.	0.
369	Yes	Yes	No	0	0.	0.
36A	Yes	Yes	No	0	0.	0.
36B	Yes	Yes	No	0	0.	0.
36C	Yes	Yes	No	0	0.	0.
36D	Yes	Yes	No	0	0.	0.
36E	Yes	Yes	No	0	0.	0.
36F	Yes	Yes	No	0	0.	0.
370	Yes	Yes	No	0	0.	0.
371	Yes	Yes	No	0	0.	0.
372	Yes	Yes	No	0	0.	0.
373	Yes	Yes	No	0	0.	0.
374	Yes	Yes	No	0	0.	0.
3D1	Yes	Yes	No	0	0.	0.
3D2	Yes	Yes	No	0	0.	0.

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
3D3	Yes	Yes	No	0	0.	0.
3D4	Yes	Yes	No	0	0.	0.
3D5	Yes	Yes	No	0	0.	0.
3D6	Yes	Yes	No	0	0.	0.
3D7	Yes	Yes	No	0	0.	0.
3D8	Yes	Yes	No	0	0.	0.
3D9	Yes	Yes	No	0	0.	0.
3DA	Yes	Yes	No	0	0.	0.
3DB	Yes	Yes	No	0	0.	0.
3DC	Yes	Yes	No	0	0.	0.
3DD	Yes	Yes	No	0	0.	0.
3DE	Yes	Yes	No	0	0.	0.
3DF	Yes	Yes	No	0	0.	0.
3E0	Yes	Yes	No	0	0.	0.
3E1	Yes	Yes	No	0	0.	0.
3E2	Yes	Yes	No	0	0.	0.
3E3	Yes	Yes	No	0	0.	0.
3E4	Yes	Yes	No	0	0.	0.
3E5	Yes	Yes	No	0	0.	0.
3E6	Yes	Yes	No	0	0.	0.
3E7	Yes	Yes	No	0	0.	0.

Table: Frame Design Procedures

Table: Frame Design Procedures

Frame	DesignProc
1	From Material
2	From Material
3	From Material
4	From Material
5	From Material
6	From Material
7	From Material
8	From Material
9	From Material
10	From Material
11	From Material
12	From Material
13	From Material
14	From Material

Table: Frame Design Procedures

Frame	DesignProc
16	From Material
17	From Material
18	From Material
19	From Material
20	From Material
21	From Material
22	From Material
23	From Material
24	From Material
25	From Material
26	From Material
27	From Material
28	From Material
29	From Material
30	From Material
31	From Material
32	From Material
33	From Material
34	From Material
35	From Material
36	From Material
37	From Material
38	From Material
39	From Material
40	From Material
41	From Material
42	From Material
43	From Material
44	From Material
45	From Material

Table: Frame Design Procedures

Frame	DesignProc
46	From Material
47	From Material
48	From Material
49	From Material
50	From Material
51	From Material
52	From Material
53	From Material
54	From Material
55	From Material
56	From Material
57	From Material
306	From Material
307	From Material
308	From Material
309	From Material
30A	From Material
30B	From Material
30C	From Material
30D	From Material
30E	From Material
30F	From Material
310	From Material
311	From Material
312	From Material
343	From Material
344	From Material
345	From Material
346	From Material
347	From Material

Table: Frame Design Procedures

Frame	DesignProc
348	From Material
349	From Material
34A	From Material
34B	From Material
34C	From Material
34D	From Material
34E	From Material
35C	From Material
35D	From Material
35E	From Material
35F	From Material
360	From Material
361	From Material
362	From Material
363	From Material
364	From Material
365	From Material
366	From Material
367	From Material
368	From Material
369	From Material
36A	From Material
36B	From Material
36C	From Material
36D	From Material
36E	From Material
36F	From Material
370	From Material
371	From Material
372	From Material

Table: Frame Design Procedures

Frame	DesignProc
373	From Material
374	From Material
3D1	From Material
3D2	From Material
3D3	From Material
3D4	From Material
3D5	From Material
3D6	From Material
3D7	From Material
3D8	From Material
3D9	From Material
3DA	From Material
3DB	From Material
3DC	From Material
3DD	From Material
3DE	From Material
3DF	From Material
3E0	From Material
3E1	From Material
3E2	From Material
3E3	From Material
3E4	From Material
3E5	From Material
3E6	From Material
3E7	From Material

Table: Frame Load Transfer Options

Table: Frame Load Transfer Options

Frame	Transfer
1	Yes

Table: Frame Load Transfer Options

Frame	Transfer
2	Yes
3	Yes
4	Yes
5	Yes
6	Yes
7	Yes
8	Yes
9	Yes
10	Yes
11	Yes
12	Yes
13	Yes
14	Yes
16	Yes
17	Yes
18	Yes
19	Yes
20	Yes
21	Yes
22	Yes
23	Yes
24	Yes
25	Yes
26	Yes
27	Yes
28	Yes
29	Yes
30	Yes
31	Yes
32	Yes
33	Yes
34	Yes
35	Yes
36	Yes
37	Yes
38	Yes
39	Yes
40	Yes
41	Yes
42	Yes
43	Yes
44	Yes
45	Yes
46	Yes
47	Yes
48	Yes
49	Yes
50	Yes
51	Yes
52	Yes
53	Yes
54	Yes
55	Yes

Table: Frame Load Transfer Options

Frame	Transfer
56	Yes
57	Yes
306	Yes
307	Yes
308	Yes
309	Yes
30A	Yes
30B	Yes
30C	Yes
30D	Yes
30E	Yes
30F	Yes
310	Yes
311	Yes
312	Yes
343	Yes
344	Yes
345	Yes
346	Yes
347	Yes
348	Yes
349	Yes
34A	Yes
34B	Yes
34C	Yes
34D	Yes
34E	Yes
35C	Yes
35D	Yes
35E	Yes
35F	Yes
360	Yes
361	Yes
362	Yes
363	Yes
364	Yes
365	Yes
366	Yes
367	Yes
368	Yes
369	Yes
36A	Yes
36B	Yes
36C	Yes
36D	Yes
36E	Yes
36F	Yes
370	Yes
371	Yes
372	Yes
373	Yes
374	Yes
3D1	Yes

Table: Frame Load Transfer Options

Frame	Transfer
3D2	Yes
3D3	Yes
3D4	Yes
3D5	Yes
3D6	Yes
3D7	Yes
3D8	Yes
3D9	Yes
3DA	Yes
3DB	Yes
3DC	Yes
3DD	Yes
3DE	Yes
3DF	Yes
3E0	Yes
3E1	Yes
3E2	Yes
3E3	Yes
3E4	Yes
3E5	Yes
3E6	Yes
3E7	Yes

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
1	DEAD	GLOBAL	Force	Gravity	RelDist	0.
1	Lr	GLOBAL	Force	Gravity	RelDist	0.
1	Wx	GLOBAL	Force	Gravity	RelDist	0.
1	Wy	GLOBAL	Force	Gravity	RelDist	0.
1	Le	GLOBAL	Force	Gravity	RelDist	0.
2	DEAD	GLOBAL	Force	Gravity	RelDist	0.
2	Lr	GLOBAL	Force	Gravity	RelDist	0.
2	Wx	GLOBAL	Force	Gravity	RelDist	0.
2	Wy	GLOBAL	Force	Gravity	RelDist	0.
2	Le	GLOBAL	Force	Gravity	RelDist	0.
3	DEAD	GLOBAL	Force	Gravity	RelDist	0.
3	Lr	GLOBAL	Force	Gravity	RelDist	0.
3	Wx	GLOBAL	Force	Gravity	RelDist	0.
3	Wy	GLOBAL	Force	Gravity	RelDist	0.
3	Le	GLOBAL	Force	Gravity	RelDist	0.
4	DEAD	GLOBAL	Force	Gravity	RelDist	0.
4	Lr	GLOBAL	Force	Gravity	RelDist	0.
4	Wx	GLOBAL	Force	Gravity	RelDist	0.
4	Wy	GLOBAL	Force	Gravity	RelDist	0.
4	Le	GLOBAL	Force	Gravity	RelDist	0.
5	DEAD	GLOBAL	Force	Gravity	RelDist	0.
5	Lr	GLOBAL	Force	Gravity	RelDist	0.
5	Wx	GLOBAL	Force	Gravity	RelDist	0.
5	Wy	GLOBAL	Force	Gravity	RelDist	0.
5	Le	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
6	DEAD	GLOBAL	Force	Gravity	RelDist	0.
6	Lr	GLOBAL	Force	Gravity	RelDist	0.
6	Wx	GLOBAL	Force	Gravity	RelDist	0.
6	Wy	GLOBAL	Force	Gravity	RelDist	0.
6	Le	GLOBAL	Force	Gravity	RelDist	0.
7	DEAD	GLOBAL	Force	Gravity	RelDist	0.
7	Lr	GLOBAL	Force	Gravity	RelDist	0.
7	Wx	GLOBAL	Force	Gravity	RelDist	0.
7	Wy	GLOBAL	Force	Gravity	RelDist	0.
7	Le	GLOBAL	Force	Gravity	RelDist	0.
8	DEAD	GLOBAL	Force	Gravity	RelDist	0.
8	Lr	GLOBAL	Force	Gravity	RelDist	0.
8	Wx	GLOBAL	Force	Gravity	RelDist	0.
8	Wy	GLOBAL	Force	Gravity	RelDist	0.
8	Le	GLOBAL	Force	Gravity	RelDist	0.
9	DEAD	GLOBAL	Force	Gravity	RelDist	0.
9	Lr	GLOBAL	Force	Gravity	RelDist	0.
9	Wx	GLOBAL	Force	Gravity	RelDist	0.
9	Wy	GLOBAL	Force	Gravity	RelDist	0.
9	Le	GLOBAL	Force	Gravity	RelDist	0.
10	DEAD	GLOBAL	Force	Gravity	RelDist	0.
10	Lr	GLOBAL	Force	Gravity	RelDist	0.
10	Wx	GLOBAL	Force	Gravity	RelDist	0.
10	Wy	GLOBAL	Force	Gravity	RelDist	0.
10	Le	GLOBAL	Force	Gravity	RelDist	0.
11	DEAD	GLOBAL	Force	Gravity	RelDist	0.
11	Lr	GLOBAL	Force	Gravity	RelDist	0.
11	Wx	GLOBAL	Force	Gravity	RelDist	0.
11	Wy	GLOBAL	Force	Gravity	RelDist	0.
11	Le	GLOBAL	Force	Gravity	RelDist	0.
12	DEAD	GLOBAL	Force	Gravity	RelDist	0.
12	Lr	GLOBAL	Force	Gravity	RelDist	0.
12	Wx	GLOBAL	Force	Gravity	RelDist	0.
12	Wy	GLOBAL	Force	Gravity	RelDist	0.
12	Le	GLOBAL	Force	Gravity	RelDist	0.
13	DEAD	GLOBAL	Force	Gravity	RelDist	0.
13	Lr	GLOBAL	Force	Gravity	RelDist	0.
13	Wx	GLOBAL	Force	Gravity	RelDist	0.
13	Wy	GLOBAL	Force	Gravity	RelDist	0.
13	Le	GLOBAL	Force	Gravity	RelDist	0.
14	DEAD	GLOBAL	Force	Gravity	RelDist	0.
14	Lr	GLOBAL	Force	Gravity	RelDist	0.
14	Wx	GLOBAL	Force	Gravity	RelDist	0.
14	Wy	GLOBAL	Force	Gravity	RelDist	0.
14	Le	GLOBAL	Force	Gravity	RelDist	0.
30	DEAD	GLOBAL	Force	Gravity	RelDist	0.
30	Lr	GLOBAL	Force	Gravity	RelDist	0.
30	Wx	GLOBAL	Force	Gravity	RelDist	0.
30	Wy	GLOBAL	Force	Gravity	RelDist	0.
30	Le	GLOBAL	Force	Gravity	RelDist	0.
31	DEAD	GLOBAL	Force	Gravity	RelDist	0.
31	Lr	GLOBAL	Force	Gravity	RelDist	0.
31	Wx	GLOBAL	Force	Gravity	RelDist	0.
31	Wy	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
31	Le	GLOBAL	Force	Gravity	RelDist	0.
32	DEAD	GLOBAL	Force	Gravity	RelDist	0.
32	Lr	GLOBAL	Force	Gravity	RelDist	0.
32	Wx	GLOBAL	Force	Gravity	RelDist	0.
32	Wy	GLOBAL	Force	Gravity	RelDist	0.
32	Le	GLOBAL	Force	Gravity	RelDist	0.
33	DEAD	GLOBAL	Force	Gravity	RelDist	0.
33	Lr	GLOBAL	Force	Gravity	RelDist	0.
33	Wx	GLOBAL	Force	Gravity	RelDist	0.
33	Wy	GLOBAL	Force	Gravity	RelDist	0.
33	Le	GLOBAL	Force	Gravity	RelDist	0.
34	DEAD	GLOBAL	Force	Gravity	RelDist	0.
34	Lr	GLOBAL	Force	Gravity	RelDist	0.
34	Wx	GLOBAL	Force	Gravity	RelDist	0.
34	Wy	GLOBAL	Force	Gravity	RelDist	0.
34	Le	GLOBAL	Force	Gravity	RelDist	0.
35	DEAD	GLOBAL	Force	Gravity	RelDist	0.
35	Lr	GLOBAL	Force	Gravity	RelDist	0.
35	Wx	GLOBAL	Force	Gravity	RelDist	0.
35	Wy	GLOBAL	Force	Gravity	RelDist	0.
35	Le	GLOBAL	Force	Gravity	RelDist	0.
36	DEAD	GLOBAL	Force	Gravity	RelDist	0.
36	Lr	GLOBAL	Force	Gravity	RelDist	0.
36	Wx	GLOBAL	Force	Gravity	RelDist	0.
36	Wy	GLOBAL	Force	Gravity	RelDist	0.
36	Le	GLOBAL	Force	Gravity	RelDist	0.
37	DEAD	GLOBAL	Force	Gravity	RelDist	0.
37	Lr	GLOBAL	Force	Gravity	RelDist	0.
37	Wx	GLOBAL	Force	Gravity	RelDist	0.
37	Wy	GLOBAL	Force	Gravity	RelDist	0.
37	Le	GLOBAL	Force	Gravity	RelDist	0.
38	DEAD	GLOBAL	Force	Gravity	RelDist	0.
38	Lr	GLOBAL	Force	Gravity	RelDist	0.
38	Wx	GLOBAL	Force	Gravity	RelDist	0.
38	Wy	GLOBAL	Force	Gravity	RelDist	0.
38	Le	GLOBAL	Force	Gravity	RelDist	0.
39	DEAD	GLOBAL	Force	Gravity	RelDist	0.
39	Lr	GLOBAL	Force	Gravity	RelDist	0.
39	Wx	GLOBAL	Force	Gravity	RelDist	0.
39	Wy	GLOBAL	Force	Gravity	RelDist	0.
39	Le	GLOBAL	Force	Gravity	RelDist	0.
40	DEAD	GLOBAL	Force	Gravity	RelDist	0.
40	Lr	GLOBAL	Force	Gravity	RelDist	0.
40	Wx	GLOBAL	Force	Gravity	RelDist	0.
40	Wy	GLOBAL	Force	Gravity	RelDist	0.
40	Le	GLOBAL	Force	Gravity	RelDist	0.
41	DEAD	GLOBAL	Force	Gravity	RelDist	0.
41	Lr	GLOBAL	Force	Gravity	RelDist	0.
41	Wx	GLOBAL	Force	Gravity	RelDist	0.
41	Wy	GLOBAL	Force	Gravity	RelDist	0.
41	Le	GLOBAL	Force	Gravity	RelDist	0.
42	DEAD	GLOBAL	Force	Gravity	RelDist	0.
42	Lr	GLOBAL	Force	Gravity	RelDist	0.
42	Wx	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
42	Wy	GLOBAL	Force	Gravity	RelDist	0.
42	Le	GLOBAL	Force	Gravity	RelDist	0.
43	DEAD	GLOBAL	Force	Gravity	RelDist	0.
43	Lr	GLOBAL	Force	Gravity	RelDist	0.
43	Wx	GLOBAL	Force	Gravity	RelDist	0.
43	Wy	GLOBAL	Force	Gravity	RelDist	0.
43	Le	GLOBAL	Force	Gravity	RelDist	0.

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
1	DEAD	1.	0.	0.20327	1.5	1.5
1	Lr	1.	0.	0.20327	1.54	1.54
1	Wx	1.	0.	0.20327	0.69	0.69
1	Wy	1.	0.	0.20327	0.69	0.69
1	Le	1.	0.	0.20327	0.69	0.69
2	DEAD	1.	0.	0.4	1.5	1.5
2	Lr	1.	0.	0.4	1.54	1.54
2	Wx	1.	0.	0.4	0.69	0.69
2	Wy	1.	0.	0.4	0.69	0.69
2	Le	1.	0.	0.4	0.69	0.69
3	DEAD	1.	0.	0.4	1.5	1.5
3	Lr	1.	0.	0.4	1.54	1.54
3	Wx	1.	0.	0.4	0.69	0.69
3	Wy	1.	0.	0.4	0.69	0.69
3	Le	1.	0.	0.4	0.69	0.69
4	DEAD	1.	0.	0.4	1.5	1.5
4	Lr	1.	0.	0.4	1.54	1.54
4	Wx	1.	0.	0.4	0.69	0.69
4	Wy	1.	0.	0.4	0.69	0.69
4	Le	1.	0.	0.4	0.69	0.69
5	DEAD	1.	0.	0.4	1.5	1.5
5	Lr	1.	0.	0.4	1.54	1.54
5	Wx	1.	0.	0.4	0.69	0.69
5	Wy	1.	0.	0.4	0.69	0.69
5	Le	1.	0.	0.4	0.69	0.69
6	DEAD	1.	0.	0.4	1.5	1.5
6	Lr	1.	0.	0.4	1.54	1.54
6	Wx	1.	0.	0.4	0.69	0.69
6	Wy	1.	0.	0.4	0.69	0.69
6	Le	1.	0.	0.4	0.69	0.69
7	DEAD	1.	0.	0.4	1.5	1.5
7	Lr	1.	0.	0.4	1.54	1.54
7	Wx	1.	0.	0.4	0.69	0.69
7	Wy	1.	0.	0.4	0.69	0.69
7	Le	1.	0.	0.4	0.69	0.69
8	DEAD	1.	0.	0.4	1.5	1.5
8	Lr	1.	0.	0.4	1.54	1.54
8	Wx	1.	0.	0.4	0.69	0.69
8	Wy	1.	0.	0.4	0.69	0.69
8	Le	1.	0.	0.4	0.69	0.69

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
9	DEAD	1.	0.	0.4	1.5	1.5
9	Lr	1.	0.	0.4	1.54	1.54
9	Wx	1.	0.	0.4	0.69	0.69
9	Wy	1.	0.	0.4	0.69	0.69
9	Le	1.	0.	0.4	0.69	0.69
10	DEAD	1.	0.	0.4	1.5	1.5
10	Lr	1.	0.	0.4	1.54	1.54
10	Wx	1.	0.	0.4	0.69	0.69
10	Wy	1.	0.	0.4	0.69	0.69
10	Le	1.	0.	0.4	0.69	0.69
11	DEAD	1.	0.	0.4	1.5	1.5
11	Lr	1.	0.	0.4	1.54	1.54
11	Wx	1.	0.	0.4	0.69	0.69
11	Wy	1.	0.	0.4	0.69	0.69
11	Le	1.	0.	0.4	0.69	0.69
12	DEAD	1.	0.	0.4	1.5	1.5
12	Lr	1.	0.	0.4	1.54	1.54
12	Wx	1.	0.	0.4	0.69	0.69
12	Wy	1.	0.	0.4	0.69	0.69
12	Le	1.	0.	0.4	0.69	0.69
13	DEAD	1.	0.	0.4	1.5	1.5
13	Lr	1.	0.	0.4	1.54	1.54
13	Wx	1.	0.	0.4	0.69	0.69
13	Wy	1.	0.	0.4	0.69	0.69
13	Le	1.	0.	0.4	0.69	0.69
14	DEAD	1.	0.	0.33673	1.5	1.5
14	Lr	1.	0.	0.33673	1.54	1.54
14	Wx	1.	0.	0.33673	0.69	0.69
14	Wy	1.	0.	0.33673	0.69	0.69
14	Le	1.	0.	0.33673	0.69	0.69
30	DEAD	1.	0.	0.20327	1.5	1.5
30	Lr	1.	0.	0.20327	1.54	1.54
30	Wx	1.	0.	0.20327	0.69	0.69
30	Wy	1.	0.	0.20327	0.69	0.69
30	Le	1.	0.	0.20327	0.69	0.69
31	DEAD	1.	0.	0.4	1.5	1.5
31	Lr	1.	0.	0.4	1.54	1.54
31	Wx	1.	0.	0.4	0.69	0.69
31	Wy	1.	0.	0.4	0.69	0.69
31	Le	1.	0.	0.4	0.69	0.69
32	DEAD	1.	0.	0.4	1.5	1.5
32	Lr	1.	0.	0.4	1.54	1.54
32	Wx	1.	0.	0.4	0.69	0.69
32	Wy	1.	0.	0.4	0.69	0.69
32	Le	1.	0.	0.4	0.69	0.69
33	DEAD	1.	0.	0.4	1.5	1.5
33	Lr	1.	0.	0.4	1.54	1.54
33	Wx	1.	0.	0.4	0.69	0.69
33	Wy	1.	0.	0.4	0.69	0.69
33	Le	1.	0.	0.4	0.69	0.69
34	DEAD	1.	0.	0.4	1.5	1.5
34	Lr	1.	0.	0.4	1.54	1.54
34	Wx	1.	0.	0.4	0.69	0.69
34	Wy	1.	0.	0.4	0.69	0.69

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
34	Le	1.	0.	0.4	0.69	0.69
35	DEAD	1.	0.	0.4	1.5	1.5
35	Lr	1.	0.	0.4	1.54	1.54
35	Wx	1.	0.	0.4	0.69	0.69
35	Wy	1.	0.	0.4	0.69	0.69
35	Le	1.	0.	0.4	0.69	0.69
36	DEAD	1.	0.	0.4	1.5	1.5
36	Lr	1.	0.	0.4	1.54	1.54
36	Wx	1.	0.	0.4	0.69	0.69
36	Wy	1.	0.	0.4	0.69	0.69
36	Le	1.	0.	0.4	0.69	0.69
37	DEAD	1.	0.	0.4	1.5	1.5
37	Lr	1.	0.	0.4	1.54	1.54
37	Wx	1.	0.	0.4	0.69	0.69
37	Wy	1.	0.	0.4	0.69	0.69
37	Le	1.	0.	0.4	0.69	0.69
38	DEAD	1.	0.	0.4	1.5	1.5
38	Lr	1.	0.	0.4	1.54	1.54
38	Wx	1.	0.	0.4	0.69	0.69
38	Wy	1.	0.	0.4	0.69	0.69
38	Le	1.	0.	0.4	0.69	0.69
39	DEAD	1.	0.	0.4	1.5	1.5
39	Lr	1.	0.	0.4	1.54	1.54
39	Wx	1.	0.	0.4	0.69	0.69
39	Wy	1.	0.	0.4	0.69	0.69
39	Le	1.	0.	0.4	0.69	0.69
40	DEAD	1.	0.	0.4	1.5	1.5
40	Lr	1.	0.	0.4	1.54	1.54
40	Wx	1.	0.	0.4	0.69	0.69
40	Wy	1.	0.	0.4	0.69	0.69
40	Le	1.	0.	0.4	0.69	0.69
41	DEAD	1.	0.	0.4	1.5	1.5
41	Lr	1.	0.	0.4	1.54	1.54
41	Wx	1.	0.	0.4	0.69	0.69
41	Wy	1.	0.	0.4	0.69	0.69
41	Le	1.	0.	0.4	0.69	0.69
42	DEAD	1.	0.	0.4	1.5	1.5
42	Lr	1.	0.	0.4	1.54	1.54
42	Wx	1.	0.	0.4	0.69	0.69
42	Wy	1.	0.	0.4	0.69	0.69
42	Le	1.	0.	0.4	0.69	0.69
43	DEAD	1.	0.	0.33673	1.5	1.5
43	Lr	1.	0.	0.33673	1.54	1.54
43	Wx	1.	0.	0.33673	0.69	0.69
43	Wy	1.	0.	0.33673	0.69	0.69
43	Le	1.	0.	0.33673	0.69	0.69

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
1	DEAD	08e4ce32-3c15-4110-9d35-39c999b4a3ae

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
1	Lr	179a64b2-947b-4f2e-ab1f-b063a9ad4fe3
1	Wx	575810a3-4a0e-4de8-91b6-d30a0d17eb08
1	Wy	3670ab4c-9d6b-4903-96d2-925b3f7f6934
1	Le	5acde9bd-4f1d-489b-b19b-9fdf0b3cac28
2	DEAD	222715d8-e5fd-400b-84e5-2fc727d22ea0
2	Lr	63e108b7-f525-4e02-aafc-e3cb834776e2
2	Wx	2aef24d2-3f00-4a4f-b661-82d25a9fef9a
2	Wy	6c2431db-f824-4252-a035-30e626c70f3f
2	Le	f234645d-5aab-4e1a-ac71-6cf79d3fc324
3	DEAD	3bda9f8d-d613-4b3f-b4d5-efaba3d22146
3	Lr	a39b7c9d-1e11-4261-802c-f83d034693ec
3	Wx	bd178287-fe64-4504-b8a1-0b679c3c2535
3	Wy	90e1794b-9461-4b40-91d5-4435b17b5471
3	Le	37e54b21-807e-4a5b-afbf-1be8877f0a99
4	DEAD	808188f0-af8a-44b4-8938-b60408d93eeb
4	Lr	00f49e5e-16ef-46d5-b0a9-c58da6cfe51e
4	Wx	1f82b21f-7c99-4fb2-b9ce-7f72b957172a
4	Wy	502d2923-01e4-435e-9030-9d46f045e0cc
4	Le	7d9a4246-e955-4ab2-840d-cc3df7d364b5
5	DEAD	1a0ecba5-3106-48cf-89c1-efbbd9f89ef5
5	Lr	df5c7bfc-42d8-444d-977a-b7533bf79a83
5	Wx	dc7fbef0-e28e-4538-bbd2-70880eac6e81
5	Wy	7bde2afd-9afc-4028-b3a7-bf69b1ecf99b
5	Le	80369f91-007c-435c-afbb-095520ffb946
6	DEAD	7bf8eb5e-1bcd-49d5-ade6-ca13ad78fdc2
6	Lr	b9d33222-3705-4f0d-9b6b-461407075e4e
6	Wx	53cd2563-853f-4981-875b-7f1aadd7d129
6	Wy	b763b527-028b-4b73-b14e-1684df272bca
6	Le	7622f96f-d84c-4710-a2a4-4ab59f4f095e
7	DEAD	995e9ba7-512e-429e-8d41-9ae2a860fe5e

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
7	Lr	a4b2ddeb-f753-457e-a1d9-1848c837ccbd
7	Wx	f734402c-701a-4b71-b26a-7080596ec3d6
7	Wy	cb9623f6-1452-4c63-b3f5-d2ca680d58f8
7	Le	3a048aa7-91e5-44cf-a76b-8c394c53e631
8	DEAD	7c24e14a-977a-460a-b145-667d5cf8a27d
8	Lr	1bac0d5c-e8fc-4b29-9326-e90e664f0059
8	Wx	d5e9a223-5412-4f91-a407-8ec2f7abc09a
8	Wy	bd89ad9f-88ff-4081-8b6f-bdf994fd71f9
8	Le	bfe46fd9-7a4a-4d44-97ba-78b662865fce
9	DEAD	5e0e2b30-1ce7-4c91-b26c-32b8940c2612
9	Lr	022a629f-a262-48b0-8ce9-7082e672904e
9	Wx	d1f4b03c-9972-453e-9435-d5f183ecf7ff
9	Wy	b8ebd097-878b-4532-8d88-9b2d1ed0dac5
9	Le	b0d4dbfe-a585-4fcf-b36c-3e13678f5590
10	DEAD	7830c075-74af-4c26-9410-2f9e193d8d2e
10	Lr	69ea9a42-c635-4f86-841d-911e3d7528b5
10	Wx	85fa7c84-bb0e-4099-a030-35d6af314208
10	Wy	eec7010f-1f70-420c-9106-2f5d6fba0a97
10	Le	74308b67-e6ce-4cf8-9e19-7b0b7e7a0c13
11	DEAD	dea899b1-4db2-4549-bfd1-34bde0261068
11	Lr	8577cb73-81c7-4758-9fc9-e070bf87d49f
11	Wx	6447dc58-e94a-4574-828c-6f0a10fda3f6
11	Wy	a50e303c-3098-4b15-8593-fc2eb100770e
11	Le	335f77af-c203-4886-a9f1-4db2c997a186
12	DEAD	b28321bd-1797-4016-ad9d-c0ed386e7fbc
12	Lr	6b87b773-0c49-4d43-827c-6722594fe23b
12	Wx	5111ac5b-895f-409c-b31e-f0c27327235e
12	Wy	d6a044c0-196b-4bf6-8a28-3325f92f1c7a
12	Le	e242b8e2-609f-4906-9741-569443d67a74
13	DEAD	65ccb19c-53db-4c32-a989-e537f6279abd

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
13	Lr	dc42a56b-dcd7-4286-9481-73dbd707892e
13	Wx	53fd708f-0f87-4c43-a881-671b80e8e54b
13	Wy	89734387-1fc9-4728-9e32-31e04cd8e0dc
13	Le	8b0f19cb-422f-4ba7-bcae-ffdcec37479f
14	DEAD	0f2abd4b-c2e1-4073-947b-c8036c26a732
14	Lr	9b8fda6c-2151-45af-b025-978767bf11e2
14	Wx	a7629e38-056c-420b-abb8-952f7fe2ec5e
14	Wy	6d5ff25a-9462-41c8-bf05-97785227ed08
14	Le	18551cf2-a343-4fe9-8f04-9dc77c78d61a
30	DEAD	e00fed70-1aad-4335-92c9-77f29332664a
30	Lr	0aa182d6-72d0-4e33-b2c2-b0bf996b6eff
30	Wx	806c8b78-130d-481d-8485-810f1b884a84
30	Wy	c5993a44-80c2-451f-84a9-08c0a758392d
30	Le	019af124-6b86-49b5-be5d-6524e1a9bdc7
31	DEAD	737df8c8-b597-424a-8a16-64520432295b
31	Lr	10a8a472-bbe9-4fce-a72d-aa50f63fb351
31	Wx	5ffc6c91-24d5-4f8b-8dc1-c7e54f78a03c
31	Wy	6e65e263-03a9-4e87-acde-9c075d0094ac
31	Le	00982077-a4a9-4613-a95d-97b5d90c4d04
32	DEAD	918b340b-25cb-4c4c-93a0-236eadd6580c
32	Lr	45046e66-d93f-4be6-baab-e54830c9488e
32	Wx	50c6c126-c339-4d4d-b7e1-68da0d1d3c28
32	Wy	514f86cb-a9e3-4cf8-96bb-70e17f751aad
32	Le	39b31929-f53c-4d28-b18f-077cf2096238
33	DEAD	2c562ebd-6068-4492-8b2c-995db9a7f6d2
33	Lr	c8a89207-59c4-4e8c-9f09-de6b34cc1480
33	Wx	f3157b67-2694-4093-a096-9ff849cf430f
33	Wy	e311355c-f744-4e69-9314-a463f9acf139
33	Le	dd19bfc4-9798-4420-80f1-b613533aa3fc
34	DEAD	256548c8-10ed-4a05-b86f-25387de3d43a

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
34	Lr	d79b83b1-be21-48f3-94a2-fd0e6a878839
34	Wx	70833402-c8ab-4adf-a10c-3b6937550532
34	Wy	3372790a-b56e-4558-98b8-c107ecd57464
34	Le	9e359214-db85-4c84-904d-20f1c4c4b874
35	DEAD	8f7a2c3e-baf7-4d13-8c83-4da076489a20
35	Lr	00474eac-8164-4d16-8b80-08a9eaef902b
35	Wx	526d3c48-9e99-4756-bb31-5786c2b2170c
35	Wy	19240b80-3e00-42de-a683-8055f493d154
35	Le	9e075960-27f3-451f-aa2a-53314851892e
36	DEAD	26f33123-bce6-4ac0-9395-a008e35eb054
36	Lr	5ca26fb5-2a70-4640-8b57-672636a1adaf
36	Wx	08d36b38-72a0-49fa-8985-affbcadb2947
36	Wy	e2ab40e4-fa67-4a67-9964-7d78aba6af3b
36	Le	9c47cd53-b2c5-4060-9317-175cce5124e9
37	DEAD	d300b804-0d89-47e5-92f9-474da2e4d8b6
37	Lr	c393745c-dcec-4a17-89d3-01934257c283
37	Wx	d7b215c6-6133-4777-a681-b7268ed3cfcb
37	Wy	51cda054-a9b9-4f6c-a8fb-4ca99827dac4
37	Le	80a10316-1c12-42da-94d1-5714910b4fb5
38	DEAD	3abece63-dc0c-41d2-bdfb-0746de7c31e2
38	Lr	6fd540e4-764a-46f5-9677-4cae0720f2b0
38	Wx	71eaae3d-343f-401a-9957-30311b6d9151
38	Wy	74ed034d-d9be-490f-81bc-6d87899b55a8
38	Le	05136eab-abd6-4ac2-8542-a43a53007e0e
39	DEAD	367a28e5-81dc-4567-9f8d-c690221e03de
39	Lr	ea34374a-7f69-4462-8583-1111c8a058a8
39	Wx	eb0472b2-0786-47c8-8649-f23931397d8c
39	Wy	b93bc27c-17d9-47e2-8f54-333ace7c8109
39	Le	080a53b6-48ee-4214-99f9-c81d52c5ccfc
40	DEAD	69889872-a312-4647-976d-9af56c6274a9

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
40	Lr	a89fda0a-c148-44b7-aac7-441d71f6a985
40	Wx	6fd41b26-2e08-417b-b84b-23cfd26ba7ea
40	Wy	8a349d40-36f6-47bc-9a1f-0efce6e8083c
40	Le	03f49bb2-33a0-4ca5-ad54-35bc510f6831
41	DEAD	fd793d99-9549-499f-9d97-e22dec504cf8
41	Lr	fe960fb2-92e2-4c2e-af2e-3600ed9ab1db
41	Wx	b332992e-0174-49dc-b1a8-eecfc1564b58
41	Wy	2212850e-a547-4a9f-bba3-f331f936f235
41	Le	f40dccbe-2d23-47fd-bf31-3c69d0949d7a
42	DEAD	7378418d-8faf-48f5-b134-5bf02338fde9
42	Lr	ff716d8d-2321-4f99-aa06-b7a6144b492b
42	Wx	36f48479-1ebf-4a3a-b62f-6539d1bd096c
42	Wy	42a98596-dd8d-4c76-8c12-450817e5ef1e
42	Le	821c7f83-6671-4750-bfe6-d357b436b437
43	DEAD	d610d22d-8504-4727-ab58-7abf6429c38e
43	Lr	9d48132d-fc00-41d8-a69e-90439b67268b
43	Wx	9437640f-0777-430f-828d-3be21045fb9d
43	Wy	1099b629-a30b-4e70-9086-dce0e1d60396
43	Le	46266269-5c87-4369-b3e4-7a21deec4a6b

Table: Frame Output Station Assignments

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
1	MaxStaSpcg		0.5	Yes	Yes
2	MaxStaSpcg		0.5	Yes	Yes
3	MaxStaSpcg		0.5	Yes	Yes
4	MaxStaSpcg		0.5	Yes	Yes
5	MaxStaSpcg		0.5	Yes	Yes
6	MaxStaSpcg		0.5	Yes	Yes
7	MaxStaSpcg		0.5	Yes	Yes
8	MaxStaSpcg		0.5	Yes	Yes
9	MaxStaSpcg		0.5	Yes	Yes
10	MaxStaSpcg		0.5	Yes	Yes
11	MaxStaSpcg		0.5	Yes	Yes
12	MaxStaSpcg		0.5	Yes	Yes

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
13	MaxStaSpcg		0.5	Yes	Yes
14	MaxStaSpcg		0.5	Yes	Yes
16	MaxStaSpcg		0.5	Yes	Yes
17	MaxStaSpcg		0.5	Yes	Yes
18	MaxStaSpcg		0.5	Yes	Yes
19	MaxStaSpcg		0.5	Yes	Yes
20	MaxStaSpcg		0.5	Yes	Yes
21	MaxStaSpcg		0.5	Yes	Yes
22	MaxStaSpcg		0.5	Yes	Yes
23	MaxStaSpcg		0.5	Yes	Yes
24	MaxStaSpcg		0.5	Yes	Yes
25	MaxStaSpcg		0.5	Yes	Yes
26	MaxStaSpcg		0.5	Yes	Yes
27	MaxStaSpcg		0.5	Yes	Yes
28	MaxStaSpcg		0.5	Yes	Yes
29	MaxStaSpcg		0.5	Yes	Yes
30	MaxStaSpcg		0.5	Yes	Yes
31	MaxStaSpcg		0.5	Yes	Yes
32	MaxStaSpcg		0.5	Yes	Yes
33	MaxStaSpcg		0.5	Yes	Yes
34	MaxStaSpcg		0.5	Yes	Yes
35	MaxStaSpcg		0.5	Yes	Yes
36	MaxStaSpcg		0.5	Yes	Yes
37	MaxStaSpcg		0.5	Yes	Yes
38	MaxStaSpcg		0.5	Yes	Yes
39	MaxStaSpcg		0.5	Yes	Yes
40	MaxStaSpcg		0.5	Yes	Yes
41	MaxStaSpcg		0.5	Yes	Yes
42	MaxStaSpcg		0.5	Yes	Yes
43	MaxStaSpcg		0.5	Yes	Yes
44	MaxStaSpcg		0.5	Yes	Yes
45	MaxStaSpcg		0.5	Yes	Yes
46	MaxStaSpcg		0.5	Yes	Yes
47	MaxStaSpcg		0.5	Yes	Yes
48	MaxStaSpcg		0.5	Yes	Yes
49	MaxStaSpcg		0.5	Yes	Yes
50	MaxStaSpcg		0.5	Yes	Yes
51	MaxStaSpcg		0.5	Yes	Yes
52	MaxStaSpcg		0.5	Yes	Yes
53	MaxStaSpcg		0.5	Yes	Yes
54	MaxStaSpcg		0.5	Yes	Yes
55	MaxStaSpcg		0.5	Yes	Yes
56	MaxStaSpcg		0.5	Yes	Yes
57	MaxStaSpcg		0.5	Yes	Yes
306	MinNumSta	3		Yes	Yes
307	MinNumSta	3		Yes	Yes
308	MinNumSta	3		Yes	Yes
309	MinNumSta	3		Yes	Yes
30A	MinNumSta	3		Yes	Yes
30B	MinNumSta	3		Yes	Yes
30C	MinNumSta	3		Yes	Yes
30D	MinNumSta	3		Yes	Yes
30E	MinNumSta	3		Yes	Yes

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
30F	MinNumSta	3		Yes	Yes
310	MinNumSta	3		Yes	Yes
311	MinNumSta	3		Yes	Yes
312	MinNumSta	3		Yes	Yes
343	MinNumSta	3		Yes	Yes
344	MinNumSta	3		Yes	Yes
345	MinNumSta	3		Yes	Yes
346	MinNumSta	3		Yes	Yes
347	MinNumSta	3		Yes	Yes
348	MinNumSta	3		Yes	Yes
349	MinNumSta	3		Yes	Yes
34A	MinNumSta	3		Yes	Yes
34B	MinNumSta	3		Yes	Yes
34C	MinNumSta	3		Yes	Yes
34D	MinNumSta	3		Yes	Yes
34E	MinNumSta	3		Yes	Yes
35C	MinNumSta	3		Yes	Yes
35D	MinNumSta	3		Yes	Yes
35E	MinNumSta	3		Yes	Yes
35F	MinNumSta	3		Yes	Yes
360	MinNumSta	3		Yes	Yes
361	MinNumSta	3		Yes	Yes
362	MinNumSta	3		Yes	Yes
363	MinNumSta	3		Yes	Yes
364	MinNumSta	3		Yes	Yes
365	MinNumSta	3		Yes	Yes
366	MinNumSta	3		Yes	Yes
367	MinNumSta	3		Yes	Yes
368	MinNumSta	3		Yes	Yes
369	MinNumSta	3		Yes	Yes
36A	MinNumSta	3		Yes	Yes
36B	MinNumSta	3		Yes	Yes
36C	MinNumSta	3		Yes	Yes
36D	MinNumSta	3		Yes	Yes
36E	MinNumSta	3		Yes	Yes
36F	MinNumSta	3		Yes	Yes
370	MinNumSta	3		Yes	Yes
371	MinNumSta	3		Yes	Yes
372	MinNumSta	3		Yes	Yes
373	MinNumSta	3		Yes	Yes
374	MinNumSta	3		Yes	Yes
3D1	MinNumSta	3		Yes	Yes
3D2	MinNumSta	3		Yes	Yes
3D3	MinNumSta	3		Yes	Yes
3D4	MinNumSta	3		Yes	Yes
3D5	MaxStaSpcg		0.5	Yes	Yes
3D6	MaxStaSpcg		0.5	Yes	Yes
3D7	MaxStaSpcg		0.5	Yes	Yes
3D8	MaxStaSpcg		0.5	Yes	Yes
3D9	MaxStaSpcg		0.5	Yes	Yes
3DA	MaxStaSpcg		0.5	Yes	Yes
3DB	MaxStaSpcg		0.5	Yes	Yes
3DC	MaxStaSpcg		0.5	Yes	Yes

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmInt	AddAtPtLoad
			m		
3DD	MaxStaSpcg		0.5	Yes	Yes
3DE	MaxStaSpcg		0.5	Yes	Yes
3DF	MaxStaSpcg		0.5	Yes	Yes
3E0	MaxStaSpcg		0.5	Yes	Yes
3E1	MaxStaSpcg		0.5	Yes	Yes
3E2	MaxStaSpcg		0.5	Yes	Yes
3E3	MaxStaSpcg		0.5	Yes	Yes
3E4	MinNumSta	3		Yes	Yes
3E5	MinNumSta	3		Yes	Yes
3E6	MinNumSta	3		Yes	Yes
3E7	MinNumSta	3		Yes	Yes

Table: Frame Section Assignments

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
2	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
4	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
5	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
6	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
7	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
8	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
9	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
10	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
11	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
12	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
13	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
14	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
16	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
17	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
18	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
19	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
20	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
21	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
22	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
23	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
24	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
25	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
26	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
27	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
28	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
29	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
30	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
31	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
32	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
33	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
34	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
35	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
36	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
37	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
38	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
39	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
40	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
41	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
42	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
43	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
44	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
45	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
46	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
47	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
48	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
49	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
50	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
51	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
52	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
53	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
54	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
55	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
56	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
57	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
306	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
307	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
308	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
309	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
30A	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
30B	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
30C	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
30D	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
30E	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
30F	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
310	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
311	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
312	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
343	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
344	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
345	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
346	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
347	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
348	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
349	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
34A	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
34B	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
34C	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
34D	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
34E	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
35C	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
35D	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
35E	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
35F	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
360	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
361	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
362	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
363	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
364	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
365	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
366	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
367	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
368	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
369	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
36A	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
36B	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
36C	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
36D	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
36E	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
36F	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
370	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
371	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
372	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
373	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
374	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
3D1	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D2	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D3	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D4	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D5	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D6	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D7	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D8	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3D9	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3DA	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3DB	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3DC	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3DD	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
3DE	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3DF	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3E0	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3E1	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3E2	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3E3	Angle	N.A.	LI 0.025*0.025*0.00035	LI 0.025*0.025*0.00035	Default
3E4	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
3E5	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
3E6	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default
3E7	Circle	N.A.	tensor d= 0.15	tensor d= 0.15	Default

Table: Frame Section Properties 01 - General, Part 1 of 8

Table: Frame Section Properties 01 - General, Part 1 of 8

SectionName	Material	Shape	t3	t2	tf	tw
			m	m	m	m
C60X60	4000Psi	Rectangular	0.6	0.6		
ENSAM 300/12.7	A572Gr50	Box/Tube	0.3	0.3	0.0127	0.0127
HEA 260	A572Gr50	I/Wide Flange	0.25	0.26	0.0125	0.0075
HEA 300	A572Gr50	I/Wide Flange	0.29	0.3	0.014	0.0085
IPE 160	A572Gr50	I/Wide Flange	0.16	0.082	0.0074	0.005
IPE 240	A572Gr50	I/Wide Flange	0.24	0.12	0.0098	0.0062
IPE 330	A572Gr50	I/Wide Flange	0.33	0.16	0.0115	0.0075
IPE 500	A572Gr50	I/Wide Flange	0.5	0.2	0.016	0.0102
LI 0.025*0.025*0.00035	A572Gr50	Angle	0.025	0.025	0.0035	0.0035
LI 1 1/2"x1/8"	A572Gr50	Angle	0.0381	0.0381	0.00318	0.00318
LI 2"X3/8"	A572Gr50	Angle	0.0508	0.0508	0.0095	0.0095
LI 3 1/2"x3/8"	A36	Angle	0.0889	0.0889	0.009525	0.009525
LI 3 1/2"x5/16"	A36	Angle	0.0889	0.0889	0.00794	0.00794
PHR C 305X80X2	A500GrC	Cold Formed C	0.305	0.08		0.002
PTE 100X50X4	A500GrC	Box/Tube	0.1	0.05	0.004	0.004
PTE 135X135X4	A500GrC	Box/Tube	0.135	0.135	0.004	0.004
PTE 150X100X4	A500GrC	Box/Tube	0.15	0.1	0.004	0.004
PTE 1X2.5	A500GrC	Pipe	0.0334			0.0025
PTE 2.5X4.0	A500GrC	Pipe	0.0729			0.004
PTE 200X200X5	A500GrC	Box/Tube	0.2	0.2	0.005	0.005
PTE 2X2.5	A500GrC	Pipe	0.0602			0.0025
PTE 3X2.0	A500GrC	Pipe	0.0889			0.002
PTE 3X4.0	A500GrC	Pipe	0.0889			0.004
PTE 40X40X2.5	A500GrC	Box/Tube	0.04	0.04	0.0025	0.0025
TENSOR 5/8	A615Gr60	Circle	0.0159			
tensor d= 0.15	A572Gr50	Circle	0.015			
TUB	MAT0	Pipe	0.1524			0.00635
TUB 10"X9	A500GrC	Pipe	0.2731			0.009
TUB 6"SCH40	A500GrC	Pipe	0.1683			0.00711
VIGA ENSAMBLADA	A572Gr50	I/Wide Flange	0.75	0.4	0.0254	0.0126

Table: Frame Section Properties 01 - General, Part 2 of 8

Table: Frame Section Properties 01 - General, Part 2 of 8

SectionName	t2b	tfb	FilletRadius	Radius	LipDepth	Area	TorsConst
	m	m	m	m	m	m2	m4
C60X60						0.36	0.018252
ENSAM 300/12.7			0.			0.014595	0.000301
HEA 260	0.26	0.0125	0.024			0.008728	3.719E-07
HEA 300	0.3	0.014	0.027			0.01129	6.053E-07
IPE 160	0.082	0.0074	0.009			0.002021	2.851E-08
IPE 240	0.12	0.0098	0.015			0.003943	9.358E-08
IPE 330	0.16	0.0115	0.018			0.006307	2.070E-07
IPE 500	0.2	0.016	0.021			0.011587	7.173E-07
LI 0.025*0.025*0.00035			0.			0.000163	6.278E-10
LI 1 1/2"x1/8"			0.			0.000232	7.577E-10
LI 2"X3/8"			0.			0.000875	2.433E-08
LI 3 1/2"x3/8"			0.			0.001603	4.646E-08
LI 3 1/2"x5/16"			0.			0.001349	2.737E-08
PHR C 305X80X2				0.00635	0.025	0.000989	1.318E-09
PTE 100X50X4			0.008			0.001092	1.099E-06
PTE 135X135X4			0.008			0.002052	8.992E-06
PTE 150X100X4			0.008			0.001892	6.494E-06
PTE 1X2.5						0.000243	5.831E-08
PTE 2.5X4.0						0.000866	1.031E-06
PTE 200X200X5			0.01			0.003832	0.000037
PTE 2X2.5						0.000453	3.779E-07
PTE 3X2.0						0.000546	1.031E-06
PTE 3X4.0						0.001067	1.927E-06
PTE 40X40X2.5			0.005			0.000358	1.318E-07
TENSOR 5/8						0.000199	6.275E-09
tensor d= 0.15						0.000177	4.970E-09
TUB						0.002914	0.000016
TUB 10"X9						0.007467	0.00013
TUB 6"SCH40						0.0036	0.000023
VIGA ENSAMBLADA	0.4	0.0254	0.			0.02913	4.656E-06

Table: Frame Section Properties 01 - General, Part 3 of 8

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	I33	I22	I23	AS2	AS3	S33Top	S33Bot
	m4	m4	m4	m2	m2	m3	m3
C60X60	0.0108	0.0108	0.	0.3	0.3	0.036	0.036
ENSAM 300/12.7	0.000201	0.000201	0.	0.00762	0.00762	0.001341	0.001341
HEA 260	0.000105	0.000037	5.421E-20	0.002019	0.006314	0.00084	0.00084
HEA 300	0.000183	0.000063	-5.421E-20	0.002641	0.00812	0.001263	0.001263
IPE 160	8.748E-06	6.836E-07	0.	0.000798	0.001262	0.000109	0.000109
IPE 240	0.000039	2.839E-06	0.	0.001519	0.002483	0.000327	0.000327
IPE 330	0.000119	7.888E-06	0.	0.002457	0.003812	0.000719	0.000719
IPE 500	0.000484	0.000021	1.084E-19	0.005063	0.006564	0.001935	0.001935
LI 0.025*0.025*0.00035	9.309E-09	9.309E-09	5.436E-09	0.000088	0.000088	5.329E-07	1.236E-06
LI 1 1/2"x1/8"	3.241E-08	3.241E-08	1.927E-08	0.000121	0.000121	1.183E-06	3.029E-06
LI 2"X3/8"	1.990E-07	1.990E-07	1.135E-07	0.000483	0.000483	5.742E-06	0.000012
LI 3 1/2"x3/8"	1.193E-06	1.193E-06	7.046E-07	0.000847	0.000847	0.000019	0.000046
LI 3 1/2"x5/16"	1.020E-06	1.020E-06	6.054E-07	0.000706	0.000706	0.000016	0.000041

Table: Frame Section Properties 01 - General, Part 3 of 8

SectionName	I33	I22	I23	AS2	AS3	S33Top	S33Bot
	m4	m4	m4	m2	m2	m3	m3
PHR C 305X80X2	0.000013	7.851E-07	0.	0.000577	0.000253	0.000086	0.000086
PTE 100X50X4	1.336E-06	4.482E-07	0.	0.000744	0.000394	0.000027	0.000027
PTE 135X135X4	5.806E-06	5.806E-06	0.	0.001054	0.000985	0.000086	0.000086
PTE 150X100X4	5.933E-06	3.180E-06	0.	0.001157	0.000745	0.000079	0.000079
PTE 1X2.5	2.915E-08	2.915E-08	0.	0.000122	0.000122	1.746E-06	1.746E-06
PTE 2.5X4.0	5.155E-07	5.155E-07	0.	0.000434	0.000434	0.000014	0.000014
PTE 200X200X5	0.000024	0.000024	4.066E-20	0.001966	0.001969	0.000241	0.000241
PTE 2X2.5	1.889E-07	1.889E-07	0.	0.000227	0.000227	6.277E-06	6.277E-06
PTE 3X2.0	5.157E-07	5.157E-07	0.	0.000273	0.000273	0.000012	0.000012
PTE 3X4.0	9.634E-07	9.634E-07	0.	0.000534	0.000534	0.000022	0.000022
PTE 40X40X2.5	8.181E-08	8.181E-08	0.	0.000192	0.00019	4.091E-06	4.091E-06
TENSOR 5/8	3.137E-09	3.137E-09	0.	0.000179	0.000179	3.946E-07	3.946E-07
tensor d= 0.15	2.485E-09	2.485E-09	0.	0.000159	0.000159	3.313E-07	3.313E-07
TUB	7.783E-06	7.783E-06	0.	0.001459	0.001459	0.000102	0.000102
TUB 10"X9	0.000065	0.000065	0.	0.003737	0.003737	0.000477	0.000477
TUB 6"SCH40	0.000012	0.000012	0.	0.001803	0.001803	0.000139	0.000139
VIGA ENSAMBLADA	0.003027	0.000271	0.	0.00945	0.016933	0.008073	0.008073

Table: Frame Section Properties 01 - General, Part 4 of 8

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	S22Left	S22Right	Z33	Z22	R33	R22	CGOffset3
	m3	m3	m3	m3	m	m	m
C60X60	0.036	0.036	0.054	0.054	0.173205	0.173205	0.
ENSAM 300/12.7	0.001341	0.001341	0.001573	0.001573	0.117404	0.117404	0.
HEA 260	0.000282	0.000282	0.000925	0.000431	0.109707	0.064832	-2.776E-17
HEA 300	0.000421	0.000421	0.001388	0.000642	0.127378	0.074762	0.
IPE 160	0.000017	0.000017	0.000125	0.000026	0.065798	0.018394	6.939E-18
IPE 240	0.000047	0.000047	0.00037	0.000074	0.099786	0.026833	-6.939E-18
IPE 330	0.000099	0.000099	0.000811	0.000154	0.137169	0.035366	1.388E-17
IPE 500	0.000214	0.000214	0.002202	0.000336	0.204332	0.042999	0.
LI 0.025*0.025*0.00035	1.236E-06	5.329E-07	9.606E-07	9.606E-07	0.007563	0.007563	0.00497
LI 1 1/2"x1/8"	3.029E-06	1.183E-06	2.131E-06	2.131E-06	0.011815	0.011815	0.00835
LI 2"X3/8"	0.000012	5.742E-06	0.00001	0.00001	0.015082	0.015082	0.00926
LI 3 1/2"x3/8"	0.000046	0.000019	0.000034	0.000034	0.027277	0.027277	0.018721
LI 3 1/2"x5/16"	0.000041	0.000016	0.000029	0.000029	0.027495	0.027495	0.019294
PHR C 305X80X2	0.000039	0.000013	0.000086	0.000013	0.115038	0.028179	0.020116
PTE 100X50X4	0.000018	0.000018	0.000034	0.000021	0.034969	0.020256	-2.082E-17
PTE 135X135X4	0.000086	0.000086	0.0001	0.0001	0.05319	0.05319	1.388E-17
PTE 150X100X4	0.000064	0.000064	0.000095	0.000072	0.055993	0.040993	0.
PTE 1X2.5	1.746E-06	1.746E-06	2.392E-06	2.392E-06	0.01096	0.01096	0.
PTE 2.5X4.0	0.000014	0.000014	0.000019	0.000019	0.024401	0.024401	0.
PTE 200X200X5	0.000241	0.000241	0.000278	0.000278	0.079248	0.079248	0.
PTE 2X2.5	6.277E-06	6.277E-06	8.328E-06	8.328E-06	0.020419	0.020419	0.
PTE 3X2.0	0.000012	0.000012	0.000015	0.000015	0.030732	0.030732	0.
PTE 3X4.0	0.000022	0.000022	0.000029	0.000029	0.03005	0.03005	0.
PTE 40X40X2.5	4.091E-06	4.091E-06	4.949E-06	4.949E-06	0.015118	0.015118	3.469E-18
TENSOR 5/8	3.946E-07	3.946E-07	6.699E-07	6.699E-07	0.003975	0.003975	0.
tensor d= 0.15	3.313E-07	3.313E-07	5.625E-07	5.625E-07	0.00375	0.00375	0.
TUB	0.000102	0.000102	0.000136	0.000136	0.051685	0.051685	0.
TUB 10"X9	0.000477	0.000477	0.000628	0.000628	0.093428	0.093428	0.
TUB 6"SCH40	0.000139	0.000139	0.000185	0.000185	0.057045	0.057045	0.

Table: Frame Section Properties 01 - General, Part 4 of 8

SectionName	S22Left	S22Right	Z33	Z22	R33	R22	CGOffset3
	m3	m3	m3	m3	m	m	m
VIGA ENSAMBLADA	0.001355	0.001355	0.008902	0.00206	0.322369	0.096462	0.

Table: Frame Section Properties 01 - General, Part 5 of 8

Table: Frame Section Properties 01 - General, Part 5 of 8

SectionName	CGOffset2	EccV2	EccV3	Cw	IncludeSCAn	ConcCol	ConcBeam
	m	m	m	m6			
C60X60	0.	0.	0.	0.		Yes	No
ENSAM 300/12.7	0.	0.	0.	0.		No	No
HEA 260	8.327E-17	0.	0.	5.164E-07		No	No
HEA 300	2.776E-17	0.	0.	1.200E-06		No	No
IPE 160	-4.163E-17	0.	0.	3.959E-09		No	No
IPE 240	1.388E-17	0.	0.	3.739E-08		No	No
IPE 330	5.551E-17	0.	0.	1.991E-07		No	No
IPE 500	1.110E-16	0.	0.	1.249E-06		No	No
LI 0.025*0.025*0.00035	-0.00497	0.005522	-0.005522	2.994E-14		No	No
LI 1 1/2"x1/8"	-0.00835	0.008973	-0.008973	8.694E-14		No	No
LI 2"X3/8"	-0.00926	0.01045	-0.01045	4.651E-12		No	No
LI 3 1/2"x3/8"	-0.018721	0.020435	-0.020435	2.860E-11		No	No
LI 3 1/2"x5/16"	-0.019294	0.020818	-0.020818	1.704E-11		No	No
PHR C 305X80X2	0.	0.071897	0.	1.537E-08	Yes	No	No
PTE 100X50X4	2.776E-17	0.	0.	0.		No	No
PTE 135X135X4	2.776E-17	0.	0.	0.		No	No
PTE 150X100X4	1.388E-17	0.	0.	0.		No	No
PTE 1X2.5	0.	0.	0.	0.		No	No
PTE 2.5X4.0	0.	0.	0.	0.		No	No
PTE 200X200X5	1.110E-16	0.	0.	0.		No	No
PTE 2X2.5	0.	0.	0.	0.		No	No
PTE 3X2.0	0.	0.	0.	0.		No	No
PTE 3X4.0	0.	0.	0.	0.		No	No
PTE 40X40X2.5	3.469E-18	0.	0.	0.		No	No
TENSOR 5/8	0.	0.	0.	0.		No	No
tensor d= 0.15	0.	0.	0.	0.		No	No
TUB	0.	0.	0.	0.		No	No
TUB 10"X9	0.	0.	0.	0.		No	No
TUB 6"SCH40	0.	0.	0.	0.		No	No
VIGA ENSAMBLADA	0.	0.	0.	0.000036		No	No

Table: Frame Section Properties 01 - General, Part 6 of 8

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	Color	TotalWt	TotalMass	FromFile	AMod	A2Mod	A3Mod
		KN	KN-s2/m				
C60X60	Blue	0.	0.	No	1.	1.	1.
ENSAM 300/12.7	16711808	0.	0.	No	1.	1.	1.
HEA 260	Magenta	0.	0.	No	1.	1.	1.
HEA 300	Red	0.	0.	No	1.	1.	1.
IPE 160	Yellow	0.	0.	No	1.	1.	1.
IPE 240	Orange	0.	0.	No	1.	1.	1.
IPE 330	Blue	0.	0.	No	1.	1.	1.
IPE 500	Cyan	0.	0.	No	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 6 of 8

SectionName	Color	TotalWt	TotalMass	FromFile	AMod	A2Mod	A3Mod
		KN	KN-s2/m				
LI 0.025*0.025*0.00035	Yellow	0.447	4.562E-02	No	1.	1.	1.
LI 1 1/2"x1/8"	Blue	0.	0.	No	1.	1.	1.
LI 2"X3/8"	Red	0.	0.	No	1.	1.	1.
LI 3 1/2"x3/8"	Magenta	0.	0.	No	1.	1.	1.
LI 3 1/2"x5/16"	Cyan	0.	0.	No	1.	1.	1.
PHR C 305X80X2	Green	0.	0.	No	1.	1.	1.
PTE 100X50X4	Cyan	0.	0.	No	1.	1.	1.
PTE 135X135X4	Orange	0.	0.	No	1.	1.	1.
PTE 150X100X4	Blue	0.	0.	No	1.	1.	1.
PTE 1X2.5	Orange	0.	0.	No	1.	1.	1.
PTE 2.5X4.0	8388863	0.	0.	No	1.	1.	1.
PTE 200X200X5	16744448	0.	0.	No	1.	1.	1.
PTE 2X2.5	Cyan	0.	0.	No	1.	1.	1.
PTE 3X2.0	Blue	0.	0.	No	1.	1.	1.
PTE 3X4.0	Gray8Dark	0.	0.	No	1.	1.	1.
PTE 40X40X2.5	4227072	0.	0.	No	1.	1.	1.
TENSOR 5/8	Red	0.	0.	No	1.	1.	1.
tensor d= 0.15	Gray8Dark	0.195	1.990E-02	No	1.	1.	1.
TUB	Yellow	0.	0.	No	1.	1.	1.
TUB 10"X9	Red	0.	0.	No	1.	1.	1.
TUB 6"SCH40	Green	0.	0.	No	1.	1.	1.
VIGA ENSAMBLADA	Green	0.	0.	No	1.	1.	1.

Table: Frame Section Properties 01 - General, Part 7 of 8

Table: Frame Section Properties 01 - General, Part 7 of 8

SectionName	JMod	I2Mod	I3Mod	MMod	WMod	GUID
C60X60	1.	1.	1.	1.	1.	
ENSAM 300/12.7	1.	1.	1.	1.	1.	
HEA 260	1.	1.	1.	1.	1.	
HEA 300	1.	1.	1.	1.	1.	
IPE 160	1.	1.	1.	1.	1.	
IPE 240	1.	1.	1.	1.	1.	
IPE 330	1.	1.	1.	1.	1.	
IPE 500	1.	1.	1.	1.	1.	
LI 0.025*0.025*0.00035	1.	1.	1.	1.	1.	
LI 1 1/2"x1/8"	1.	1.	1.	1.	1.	
LI 2"X3/8"	1.	1.	1.	1.	1.	
LI 3 1/2"x3/8"	1.	1.	1.	1.	1.	
LI 3 1/2"x5/16"	1.	1.	1.	1.	1.	
PHR C 305X80X2	1.	1.	1.	1.	1.	
PTE 100X50X4	1.	1.	1.	1.	1.	
PTE 135X135X4	1.	1.	1.	1.	1.	
PTE 150X100X4	1.	1.	1.	1.	1.	
PTE 1X2.5	1.	1.	1.	1.	1.	
PTE 2.5X4.0	1.	1.	1.	1.	1.	
PTE 200X200X5	1.	1.	1.	1.	1.	
PTE 2X2.5	1.	1.	1.	1.	1.	
PTE 3X2.0	1.	1.	1.	1.	1.	
PTE 3X4.0	1.	1.	1.	1.	1.	
PTE 40X40X2.5	1.	1.	1.	1.	1.	

Table: Frame Section Properties 01 - General, Part 7 of 8

SectionName	JMod	I2Mod	I3Mod	MMod	WMod	GUID
TENSOR 5/8	1.	1.	1.	1.	1.	
tensor d= 0.15	1.	1.	1.	1.	1.	
TUB	0.0001	0.0001	0.0001	0.0001	0.0001	
TUB 10"X9	1.	1.	1.	1.	1.	
TUB 6"SCH40	1.	1.	1.	1.	1.	
VIGA ENSAMBLADA	1.	1.	1.	1.	1.	

Table: Frame Section Properties 01 - General, Part 8 of 8

Table: Frame Section Properties 01 - General, Part 8 of 8

SectionName	Notes
C60X60	Added 22/11/2024 8:03:33 a. m.
ENSAM 300/12.7	Added 22/11/2024 4:31:22 p. m.
HEA 260	Added 1/05/2021 10:38:56 a. m.
HEA 300	Added 1/05/2021 10:40:10 a. m.
IPE 160	Added 1/05/2021 2:41:57 p. m.
IPE 240	Added 11/08/2023 9:58:27 a. m.
IPE 330	Added 1/05/2021 11:16:36 a. m.
IPE 500	Added 11/08/2023 1:26:31 p. m.
LI 0.025*0.025*0.00035	Added 5/12/2024 15:54:12
LI 1 1/2"x1/8"	Added 28/07/2021 10:25:03 p. m.
LI 2"X3/8"	Added 28/07/2021 10:21:49 p. m.
LI 3 1/2"x3/8"	Added 28/07/2021 10:29:19 p. m.
LI 3 1/2"x5/16"	Added 28/07/2021 10:27:52 p. m.
PHR C 305X80X2	Added 27/04/2021 9:19:51 p. m.
PTE 100X50X4	Added 22/11/2024 8:16:32 a. m.
PTE 135X135X4	Added 16/04/2024 4:23:06 p. m.
PTE 150X100X4	Added 22/11/2024 8:15:53 a. m.
PTE 1X2.5	Added 15/09/2021 10:17:05 p. m.
PTE 2.5X4.0	Added 1/05/2021 10:51:46 a. m.
PTE 200X200X5	Added 23/11/2024 4:49:32 p. m.
PTE 2X2.5	Added 1/05/2021 10:50:04 a. m.
PTE 3X2.0	Added 1/05/2021 2:49:47 p. m.
PTE 3X4.0	Added 1/05/2021 3:12:46 p. m.
PTE 40X40X2.5	Added 17/04/2024 8:46:36 a. m.
TENSOR 5/8	Added 1/05/2021 10:42:29 a. m.
tensor d= 0.15	Added 5/12/2024 13:12:10
TUB	Added 16/04/2024 4:21:35 p. m.
TUB 10"X9	Added 22/11/2024 12:01:57 p. m.
TUB 6"SCH40	Added 1/05/2021 10:51:01 a. m.
VIGA ENSAMBLADA	Added 1/05/2021 10:41:16 a. m.

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir	BarSizeL
					m			
C60X60	A615Gr60	A615Gr60	Rectangular	Ties	0.04	3	3	#9

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeC	SpacingC	NumCBars2	NumCBars3	ReinfType
		m			
C60X60	#4	0.15	3	3	Design

Table: Joint Pattern Definitions

Table: Joint Pattern Definitions

Pattern
Default

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
1	Yes	Yes	Yes	No	No	No
2	Yes	Yes	Yes	No	No	No
31	No	No	Yes	No	No	No
32	No	No	Yes	No	No	No

Table: Load Case Definitions, Part 1 of 3

Table: Load Case Definitions, Part 1 of 3

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesTypeOpt	DesignType
DEAD	LinStatic	Zero				Prog Det	Dead
ACASE1	LinModal	Zero				Prog Det	Other
L	LinStatic	Zero				Prog Det	Live
Lr	LinStatic	Zero				Prog Det	Live
G	LinStatic	Zero				Prog Det	Other
Le	LinStatic	Zero				Prog Det	Other
Wx	LinStatic	Zero				Prog Det	Other
Wy	LinStatic	Zero				Prog Det	Other
CFx D	LinStatic	Zero				Prog Det	Notional
CFy D	LinStatic	Zero				Prog Det	Notional
CFx L	LinStatic	Zero				Prog Det	Notional
CFy L	LinStatic	Zero				Prog Det	Notional
CFx Lr	LinStatic	Zero				Prog Det	Notional
CFy Lr	LinStatic	Zero				Prog Det	Notional
Ex	LinRespSpec		ACASE1			Prog Det	Quake
Ey	LinRespSpec		ACASE1			Prog Det	Quake
MODAL	LinModal	Zero				Prog Det	Other
FSx	LinRespSpec		ACASE1			Prog Det	Quake
FSy	LinRespSpec		ACASE1			Prog Det	Quake
UDx	LinRespSpec		ACASE1			Prog Det	Quake
UDy	LinRespSpec		ACASE1			Prog Det	Quake

Table: Load Case Definitions, Part 2 of 3

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
DEAD	Prog Det	Non-Composite	None	Yes	Finished	01d1c66f-c137-43c5-9aa1-070b20c88a3c
ACASE1	Prog Det	Other	None	Yes	Finished	1047261c-491e-4e02-916f-5eb187112211
L	Prog Det	Short-Term Composite	None	Yes	Finished	800709af-b018-4117-ba3c-9fd50d0155f9
Lr	Prog Det	Short-Term Composite	None	Yes	Finished	4a541621-aff9-4d68-9a5a-544da49a96ad
G	Prog Det	Other	None	Yes	Finished	7b8c017d-ea99-47f8-bcd2-e4b5fbe8781c
Le	Prog Det	Other	None	Yes	Finished	137366c1-559e-42da-9693-215494f0907c
Wx	Prog Det	Other	None	Yes	Finished	c99b39de-439c-4fab-bf91-ea2ecdc2a3d4
Wy	Prog Det	Other	None	Yes	Finished	0db6fc38-1bc1-4ca3-b143-721ebdf25a22
CFx D	Prog Det	Short-Term Composite	None	Yes	Finished	14c298a2-8ac6-439d-adca-c81988a2249f
CFy D	Prog Det	Short-Term Composite	None	Yes	Finished	9bd36597-be45-4353-b06d-e6a679db2fbd
CFx L	Prog Det	Short-Term Composite	None	Yes	Finished	6aa73a9b-a2c3-412d-a74d-ab6535ec5452
CFy L	Prog Det	Short-Term Composite	None	Yes	Finished	22fac1a1-ab05-4d59-aa7c-ab1f0826103e
CFx Lr	Prog Det	Short-Term Composite	None	Yes	Finished	2756c0ab-6b6b-4082-912d-d9a419766c3f
CFy Lr	Prog Det	Short-Term Composite	None	Yes	Finished	37539383-c052-41e8-9507-6665bffc01e3
Ex	Prog Det	Short-Term Composite	None	Yes	Finished	135c6b9c-aac8-4d24-b895-2729db884374
Ey	Prog Det	Short-Term Composite	None	Yes	Finished	4c41ddae-70d3-48a6-9170-91a09be55217
MODAL	Prog Det	Other	None	Yes	Finished	2e664522-0d8f-4879-8fce-8009ffef8932
FSx	Prog Det	Short-Term Composite	None	Yes	Finished	1ddc05da-af55-48e1-acff-89170cfd3d41
FSy	Prog Det	Short-Term Composite	None	Yes	Finished	77c033c8-d4dc-4cfa-a3b1-f58fe4e4e827
UDx	Prog Det	Short-Term Composite	None	Yes	Finished	3574f3db-edb5-47ef-ad5a-992d77a40a4e
UDy	Prog Det	Short-Term Composite	None	Yes	Finished	3eac1fed-cc91-41cb-9ac9-b3465dce6cc9

Table: Load Case Definitions, Part 3 of 3

Table: Load Case Definitions, Part 3 of 3

Case	Notes
DEAD	
ACASE1	
L	
Lr	
G	
Le	
Wx	
Wy	

Table: Load Case Definitions, Part 3 of 3

Case	Notes
CFx D	
CFy D	
CFx L	
CFy L	
CFx Lr	
CFy Lr	
Ex	
Ey	
MODAL	
FSx	
FSy	
UDx	
UDy	

Table: Load Pattern Definitions, Part 1 of 2

Table: Load Pattern Definitions, Part 1 of 2

LoadPat	DesignType	SelfWtMult	AutoLoad	NotBasePat	NotRatio	NotDir	GUID
DEAD	Dead	1.					89b71440-d8b9-4957-9c92-dcb794fa0c28
L	Live	0.					e8523ef7-9cf1-46e7-9def-f8c92b2425a2
Lr	Live	0.					4e8c5bfe-bd71-461b-a384-0aa2f257262e
G	Other	0.					0e023544-ab2b-4130-b0ab-df0daae3c90c
Le	Other	0.					4de1edf7-2e97-440a-955f-016558f20bb9
Wx	Other	0.					108a26aa-c5b6-489a-9ca0-b9c0b896e9c1
Wy	Other	0.					c5a5f232-b5d2-4eff-8f7d-31eebcbfbc4b
CFx D	Notional	0.		DEAD	0.002	Global X	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFy D	Notional	0.		DEAD	0.002	Global Y	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFx L	Notional	0.		L	0.002	Global X	89b71440-d8b9-4957-9c92-dcb794fa0c28
CFy L	Notional	0.		L	0.002	Global Y	8e273cdf-2824-4061-b8d9-e6a4f7220372
CFx Lr	Notional	0.		Lr	0.002	Global X	1e8dcd38-73f6-4764-b68f-2688ad0989dd
CFy Lr	Notional	0.		Lr	0.002	Global Y	9d46fb9e-74d8-4584-9f89-81b64581b30b
Ex	Quake	0.	USER LOADS				4fcd391f-6c5b-46c1-a539-aa25293dd916
Ey	Quake	0.	USER LOADS				78020638-31c9-4c45-9574-de3a1b15027e
FSx	Quake	0.	USER LOADS				2ed9a208-ec0e-47c1-84c8-75f930036c6d
FSy	Quake	0.	USER LOADS				be5f789a-2f93-40bc-94e1-46c4823fc9ba
UDx	Quake	0.	USER LOADS				cfaa5d6b-a8f1-40ad-bf9a-d35716149acb
UDy	Quake	0.	USER LOADS				eb304c40-9536-4b6e-a261-e505cf82ffe1

Table: Load Pattern Definitions, Part 2 of 2

Table: Load Pattern Definitions, Part 2 of 2

LoadPat	Notes
DEAD	
L	Added 17/04/2021 11:27:29 a. m.
Lr	Added 17/04/2021 11:27:40 a. m.
G	Added 17/04/2021 11:27:56 a. m.
Le	Added 17/04/2021 11:28:02 a. m.
Wx	Added 17/04/2021 11:28:10 a. m.
Wy	Added 17/04/2021 11:28:19 a. m.
CFx D	Added 17/04/2021 12:43:44 p. m.
CFy D	Added 17/04/2021 12:44:04 p. m.
CFx L	Added 17/04/2021 12:44:28 p. m.
CFy L	Added 17/04/2021 12:44:50 p. m.
CFx Lr	Added 17/04/2021 12:45:03 p. m.
CFy Lr	Added 17/04/2021 12:45:09 p. m.
Ex	Added 27/07/2021 8:40:25 p. m.
Ey	Added 27/07/2021 8:41:03 p. m.
FSx	Added 4/09/2023 11:58:19 a. m.
FSy	Added 4/09/2023 11:58:26 a. m.
UDx	Added 4/09/2023 11:58:33 a. m.
UDy	Added 4/09/2023 11:58:41 a. m.

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	SymType	TempDepend	Color	GUID
4000Psi	Concrete	f'c 4000 psi	Isotropic	No	Yellow	913b5503-0307-4f2c-89b6-a3727255efa1
A36	Steel	Grade 36	Isotropic	No	Gray8Dark	156654cf-7b83-4d00-b9af-c284a3f15f3f
A416Gr270	Tendon	Grade 270	Uniaxial	No	Magenta	7c3b9d73-a127-42bd-b343-8503142fc6ce
A500GrC	Steel	Grade C	Isotropic	No	Gray8Dark	d24528e1-a184-4648-9296-2bcc67f47ec8
A53GrB	Steel	Grade B	Isotropic	No	Cyan	75d9f620-1e2d-4595-8d8d-9609361229c4
A572Gr50	Steel	Grade 50	Isotropic	No	Blue	3a5eaff2-fca2-4b07-877c-39ed28734da1
A615Gr60	Rebar	Grade 60	Uniaxial	No	Green	f430aec0-81a0-42f9-8ab0-8d4f8d5c2a7f
A653SQGr50	ColdFormed	SQ Grade 50	Isotropic	No	Green	a05cf719-4849-4c94-83de-0be7a4783db1
A992Fy50	Steel	Grade 50	Isotropic	No	Magenta	
MAT0	Concrete		Isotropic	No	Yellow	2700b4ee-d9c4-4c3f-9595-c7af6455445d

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Customary f'c 4000 psi 17/04/2021 11:27:06 a. m.
A36	United States ASTM A36 Grade 36 added 28/07/2021 10:20:33 p. m.
A416Gr270	ASTM A416 Grade 270 1/05/2021 10:18:57 a. m.
A500GrC	United States ASTM A500 Grade C added 27/04/2021 9:15:25 p. m.
A53GrB	United States ASTM A53 Grade B added 22/11/2024 8:12:15 a. m.
A572Gr50	United States ASTM A572 Grade 50 added 27/04/2021 9:15:38 p. m.
A615Gr60	ASTM A615 Grade 60 1/05/2021 10:38:09 a. m.
A653SQGr50	ASTM A653 SQ Grade 50 27/04/2021 9:16:29 p. m.
A992Fy50	ASTM A992 Grade 50 17/04/2021 11:27:06 a. m.
MAT0	Customary f'c 4000 psi 17/04/2021 11:27:06 a. m.

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy	Fu	EffFy	EffFu	SSCurveOpt	SSHysType	SHard	SMax
	KN/m2	KN/m2	KN/m2	KN/m2				
A36	248211.28	399895.96	372316.93	439885.55	Simple	Kinematic	0.02	0.14
A500GrC	344737.89	427474.99	379211.68	470222.49	Simple	Kinematic	0.018	0.12
A53GrB	241316.53	413685.47	265448.18	455054.02	Simple	Kinematic	0.02	0.14
A572Gr50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	SRup	FinalSlope	CoupModType
A36	0.2	-0.1	Von Mises
A500GrC	0.18	-0.1	Von Mises
A53GrB	0.2	-0.1	Von Mises
A572Gr50	0.17	-0.1	Von Mises
A992Fy50	0.17	-0.1	Von Mises

Table: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Table: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Frame	DesignSect	FrameType	Fy	RLLF	AreaRatio	XLMajor
			KN/m2			
306	Program Determined	Program Determined	0.	0.	0.	0.
307	Program Determined	Program Determined	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Frame	DesignSect	FrameType	Fy	RLLF	AreaRatio	XLMajor
			KN/m2			
308	Program Determined	Program Determined	0.	0.	0.	0.
309	Program Determined	Program Determined	0.	0.	0.	0.
30A	Program Determined	Program Determined	0.	0.	0.	0.
30B	Program Determined	Program Determined	0.	0.	0.	0.
30C	Program Determined	Program Determined	0.	0.	0.	0.
30D	Program Determined	Program Determined	0.	0.	0.	0.
30E	Program Determined	Program Determined	0.	0.	0.	0.
30F	Program Determined	Program Determined	0.	0.	0.	0.
310	Program Determined	Program Determined	0.	0.	0.	0.
311	Program Determined	Program Determined	0.	0.	0.	0.
312	Program Determined	Program Determined	0.	0.	0.	0.
343	Program Determined	Program Determined	0.	0.	0.	0.
344	Program Determined	Program Determined	0.	0.	0.	0.
345	Program Determined	Program Determined	0.	0.	0.	0.
346	Program Determined	Program Determined	0.	0.	0.	0.
347	Program Determined	Program Determined	0.	0.	0.	0.
348	Program Determined	Program Determined	0.	0.	0.	0.
349	Program Determined	Program Determined	0.	0.	0.	0.
34A	Program Determined	Program Determined	0.	0.	0.	0.
34B	Program Determined	Program Determined	0.	0.	0.	0.
34C	Program Determined	Program Determined	0.	0.	0.	0.
34D	Program Determined	Program Determined	0.	0.	0.	0.
34E	Program Determined	Program Determined	0.	0.	0.	0.
35C	Program Determined	Program Determined	0.	0.	0.	0.
35D	Program Determined	Program Determined	0.	0.	0.	0.
35E	Program Determined	Program Determined	0.	0.	0.	0.
35F	Program Determined	Program Determined	0.	0.	0.	0.
360	Program Determined	Program Determined	0.	0.	0.	0.
361	Program Determined	Program Determined	0.	0.	0.	0.
362	Program Determined	Program Determined	0.	0.	0.	0.
363	Program Determined	Program Determined	0.	0.	0.	0.
364	Program Determined	Program Determined	0.	0.	0.	0.
365	Program Determined	Program Determined	0.	0.	0.	0.
366	Program Determined	Program Determined	0.	0.	0.	0.
367	Program Determined	Program Determined	0.	0.	0.	0.
368	Program Determined	Program Determined	0.	0.	0.	0.
369	Program Determined	Program Determined	0.	0.	0.	0.
36A	Program Determined	Program Determined	0.	0.	0.	0.
36B	Program Determined	Program Determined	0.	0.	0.	0.
36C	Program Determined	Program Determined	0.	0.	0.	0.
36D	Program Determined	Program Determined	0.	0.	0.	0.
36E	Program Determined	Program Determined	0.	0.	0.	0.
36F	Program Determined	Program Determined	0.	0.	0.	0.
370	Program Determined	Program Determined	0.	0.	0.	0.
371	Program Determined	Program Determined	0.	0.	0.	0.
372	Program Determined	Program Determined	0.	0.	0.	0.
373	Program Determined	Program Determined	0.	0.	0.	0.
374	Program Determined	Program Determined	0.	0.	0.	0.
3D1	Program Determined	Program Determined	0.	0.	0.	0.
3D2	Program Determined	Program Determined	0.	0.	0.	0.
3D3	Program Determined	Program Determined	0.	0.	0.	0.
3D4	Program Determined	Program Determined	0.	0.	0.	0.
3D5	Program Determined	Program Determined	0.	0.	0.	0.
3D6	Program Determined	Program Determined	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Frame	DesignSect	FrameType	Fy	RLLF	AreaRatio	XLMajor
			KN/m2			
3D7	Program Determined	Program Determined	0.	0.	0.	0.
3D8	Program Determined	Program Determined	0.	0.	0.	0.
3D9	Program Determined	Program Determined	0.	0.	0.	0.
3DA	Program Determined	Program Determined	0.	0.	0.	0.
3DB	Program Determined	Program Determined	0.	0.	0.	0.
3DC	Program Determined	Program Determined	0.	0.	0.	0.
3DD	Program Determined	Program Determined	0.	0.	0.	0.
3DE	Program Determined	Program Determined	0.	0.	0.	0.
3DF	Program Determined	Program Determined	0.	0.	0.	0.
3E0	Program Determined	Program Determined	0.	0.	0.	0.
3E1	Program Determined	Program Determined	0.	0.	0.	0.
3E2	Program Determined	Program Determined	0.	0.	0.	0.
3E3	Program Determined	Program Determined	0.	0.	0.	0.
3E4	Program Determined	Program Determined	0.	0.	0.	0.
3E5	Program Determined	Program Determined	0.	0.	0.	0.
3E6	Program Determined	Program Determined	0.	0.	0.	0.
3E7	Program Determined	Program Determined	0.	0.	0.	0.
1	Program Determined	Program Determined	0.	0.	0.	0.
2	Program Determined	Program Determined	0.	0.	0.	0.
3	Program Determined	Program Determined	0.	0.	0.	0.
4	Program Determined	Program Determined	0.	0.	0.	0.
5	Program Determined	Program Determined	0.	0.	0.	0.
6	Program Determined	Program Determined	0.	0.	0.	0.
7	Program Determined	Program Determined	0.	0.	0.	0.
8	Program Determined	Program Determined	0.	0.	0.	0.
9	Program Determined	Program Determined	0.	0.	0.	0.
10	Program Determined	Program Determined	0.	0.	0.	0.
11	Program Determined	Program Determined	0.	0.	0.	0.
12	Program Determined	Program Determined	0.	0.	0.	0.
13	Program Determined	Program Determined	0.	0.	0.	0.
14	Program Determined	Program Determined	0.	0.	0.	0.
16	Program Determined	Program Determined	0.	0.	0.	0.
17	Program Determined	Program Determined	0.	0.	0.	0.
18	Program Determined	Program Determined	0.	0.	0.	0.
19	Program Determined	Program Determined	0.	0.	0.	0.
20	Program Determined	Program Determined	0.	0.	0.	0.
21	Program Determined	Program Determined	0.	0.	0.	0.
22	Program Determined	Program Determined	0.	0.	0.	0.
23	Program Determined	Program Determined	0.	0.	0.	0.
24	Program Determined	Program Determined	0.	0.	0.	0.
25	Program Determined	Program Determined	0.	0.	0.	0.
26	Program Determined	Program Determined	0.	0.	0.	0.
27	Program Determined	Program Determined	0.	0.	0.	0.
28	Program Determined	Program Determined	0.	0.	0.	0.
29	Program Determined	Program Determined	0.	0.	0.	0.
30	Program Determined	Program Determined	0.	0.	0.	0.
31	Program Determined	Program Determined	0.	0.	0.	0.
32	Program Determined	Program Determined	0.	0.	0.	0.
33	Program Determined	Program Determined	0.	0.	0.	0.
34	Program Determined	Program Determined	0.	0.	0.	0.
35	Program Determined	Program Determined	0.	0.	0.	0.
36	Program Determined	Program Determined	0.	0.	0.	0.
37	Program Determined	Program Determined	0.	0.	0.	0.
38	Program Determined	Program Determined	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Frame	DesignSect	FrameType	Fy	RLLF	AreaRatio	XLMajor
			KN/m2			
39	Program Determined	Program Determined	0.	0.	0.	0.
40	Program Determined	Program Determined	0.	0.	0.	0.
41	Program Determined	Program Determined	0.	0.	0.	0.
42	Program Determined	Program Determined	0.	0.	0.	0.
43	Program Determined	Program Determined	0.	0.	0.	0.
44	Program Determined	Program Determined	0.	0.	0.	0.
45	Program Determined	Program Determined	0.	0.	0.	0.
46	Program Determined	Program Determined	0.	0.	0.	0.
47	Program Determined	Program Determined	0.	0.	0.	0.
48	Program Determined	Program Determined	0.	0.	0.	0.
49	Program Determined	Program Determined	0.	0.	0.	0.
50	Program Determined	Program Determined	0.	0.	0.	0.
51	Program Determined	Program Determined	0.	0.	0.	0.
52	Program Determined	Program Determined	0.	0.	0.	0.
53	Program Determined	Program Determined	0.	0.	0.	0.
54	Program Determined	Program Determined	0.	0.	0.	0.
55	Program Determined	Program Determined	0.	0.	0.	0.
56	Program Determined	Program Determined	0.	0.	0.	0.
57	Program Determined	Program Determined	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Table: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Frame	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor	KLTB
306	0.	0.	0.	0.	0.	0.	0.
307	0.	0.	0.	0.	0.	0.	0.
308	0.	0.	0.	0.	0.	0.	0.
309	0.	0.	0.	0.	0.	0.	0.
30A	0.	0.	0.	0.	0.	0.	0.
30B	0.	0.	0.	0.	0.	0.	0.
30C	0.	0.	0.	0.	0.	0.	0.
30D	0.	0.	0.	0.	0.	0.	0.
30E	0.	0.	0.	0.	0.	0.	0.
30F	0.	0.	0.	0.	0.	0.	0.
310	0.	0.	0.	0.	0.	0.	0.
311	0.	0.	0.	0.	0.	0.	0.
312	0.	0.	0.	0.	0.	0.	0.
343	0.	0.	0.	0.	0.	0.	0.
344	0.	0.	0.	0.	0.	0.	0.
345	0.	0.	0.	0.	0.	0.	0.
346	0.	0.	0.	0.	0.	0.	0.
347	0.	0.	0.	0.	0.	0.	0.
348	0.	0.	0.	0.	0.	0.	0.
349	0.	0.	0.	0.	0.	0.	0.
34A	0.	0.	0.	0.	0.	0.	0.
34B	0.	0.	0.	0.	0.	0.	0.
34C	0.	0.	0.	0.	0.	0.	0.
34D	0.	0.	0.	0.	0.	0.	0.
34E	0.	0.	0.	0.	0.	0.	0.
35C	0.	0.	0.	0.	0.	0.	0.
35D	0.	0.	0.	0.	0.	0.	0.
35E	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Frame	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor	KLTB
35F	0.	0.	0.	0.	0.	0.	0.
360	0.	0.	0.	0.	0.	0.	0.
361	0.	0.	0.	0.	0.	0.	0.
362	0.	0.	0.	0.	0.	0.	0.
363	0.	0.	0.	0.	0.	0.	0.
364	0.	0.	0.	0.	0.	0.	0.
365	0.	0.	0.	0.	0.	0.	0.
366	0.	0.	0.	0.	0.	0.	0.
367	0.	0.	0.	0.	0.	0.	0.
368	0.	0.	0.	0.	0.	0.	0.
369	0.	0.	0.	0.	0.	0.	0.
36A	0.	0.	0.	0.	0.	0.	0.
36B	0.	0.	0.	0.	0.	0.	0.
36C	0.	0.	0.	0.	0.	0.	0.
36D	0.	0.	0.	0.	0.	0.	0.
36E	0.	0.	0.	0.	0.	0.	0.
36F	0.	0.	0.	0.	0.	0.	0.
370	0.	0.	0.	0.	0.	0.	0.
371	0.	0.	0.	0.	0.	0.	0.
372	0.	0.	0.	0.	0.	0.	0.
373	0.	0.	0.	0.	0.	0.	0.
374	0.	0.	0.	0.	0.	0.	0.
3D1	0.	0.	0.	0.	0.	0.	0.
3D2	0.	0.	0.	0.	0.	0.	0.
3D3	0.	0.	0.	0.	0.	0.	0.
3D4	0.	0.	0.	0.	0.	0.	0.
3D5	0.	0.	0.	0.	0.	0.	0.
3D6	0.	0.	0.	0.	0.	0.	0.
3D7	0.	0.	0.	0.	0.	0.	0.
3D8	0.	0.	0.	0.	0.	0.	0.
3D9	0.	0.	0.	0.	0.	0.	0.
3DA	0.	0.	0.	0.	0.	0.	0.
3DB	0.	0.	0.	0.	0.	0.	0.
3DC	0.	0.	0.	0.	0.	0.	0.
3DD	0.	0.	0.	0.	0.	0.	0.
3DE	0.	0.	0.	0.	0.	0.	0.
3DF	0.	0.	0.	0.	0.	0.	0.
3E0	0.	0.	0.	0.	0.	0.	0.
3E1	0.	0.	0.	0.	0.	0.	0.
3E2	0.	0.	0.	0.	0.	0.	0.
3E3	0.	0.	0.	0.	0.	0.	0.
3E4	0.	0.	0.	0.	0.	0.	0.
3E5	0.	0.	0.	0.	0.	0.	0.
3E6	0.	0.	0.	0.	0.	0.	0.
3E7	0.	0.	0.	0.	0.	0.	0.
1	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Frame	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor	KLTB
10	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.
32	0.	0.	0.	0.	0.	0.	0.
33	0.	0.	0.	0.	0.	0.	0.
34	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.
36	0.	0.	0.	0.	0.	0.	0.
37	0.	0.	0.	0.	0.	0.	0.
38	0.	0.	0.	0.	0.	0.	0.
39	0.	0.	0.	0.	0.	0.	0.
40	0.	0.	0.	0.	0.	0.	0.
41	0.	0.	0.	0.	0.	0.	0.
42	0.	0.	0.	0.	0.	0.	0.
43	0.	0.	0.	0.	0.	0.	0.
44	0.	0.	0.	0.	0.	0.	0.
45	0.	0.	0.	0.	0.	0.	0.
46	0.	0.	0.	0.	0.	0.	0.
47	0.	0.	0.	0.	0.	0.	0.
48	0.	0.	0.	0.	0.	0.	0.
49	0.	0.	0.	0.	0.	0.	0.
50	0.	0.	0.	0.	0.	0.	0.
51	0.	0.	0.	0.	0.	0.	0.
52	0.	0.	0.	0.	0.	0.	0.
53	0.	0.	0.	0.	0.	0.	0.
54	0.	0.	0.	0.	0.	0.	0.
55	0.	0.	0.	0.	0.	0.	0.
56	0.	0.	0.	0.	0.	0.	0.
57	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Table: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Frame	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor
306	0.	0.	0.	0.	0.	0.	0.
307	0.	0.	0.	0.	0.	0.	0.
308	0.	0.	0.	0.	0.	0.	0.
309	0.	0.	0.	0.	0.	0.	0.
30A	0.	0.	0.	0.	0.	0.	0.
30B	0.	0.	0.	0.	0.	0.	0.
30C	0.	0.	0.	0.	0.	0.	0.
30D	0.	0.	0.	0.	0.	0.	0.
30E	0.	0.	0.	0.	0.	0.	0.
30F	0.	0.	0.	0.	0.	0.	0.
310	0.	0.	0.	0.	0.	0.	0.
311	0.	0.	0.	0.	0.	0.	0.
312	0.	0.	0.	0.	0.	0.	0.
343	0.	0.	0.	0.	0.	0.	0.
344	0.	0.	0.	0.	0.	0.	0.
345	0.	0.	0.	0.	0.	0.	0.
346	0.	0.	0.	0.	0.	0.	0.
347	0.	0.	0.	0.	0.	0.	0.
348	0.	0.	0.	0.	0.	0.	0.
349	0.	0.	0.	0.	0.	0.	0.
34A	0.	0.	0.	0.	0.	0.	0.
34B	0.	0.	0.	0.	0.	0.	0.
34C	0.	0.	0.	0.	0.	0.	0.
34D	0.	0.	0.	0.	0.	0.	0.
34E	0.	0.	0.	0.	0.	0.	0.
35C	0.	0.	0.	0.	0.	0.	0.
35D	0.	0.	0.	0.	0.	0.	0.
35E	0.	0.	0.	0.	0.	0.	0.
35F	0.	0.	0.	0.	0.	0.	0.
360	0.	0.	0.	0.	0.	0.	0.
361	0.	0.	0.	0.	0.	0.	0.
362	0.	0.	0.	0.	0.	0.	0.
363	0.	0.	0.	0.	0.	0.	0.
364	0.	0.	0.	0.	0.	0.	0.
365	0.	0.	0.	0.	0.	0.	0.
366	0.	0.	0.	0.	0.	0.	0.
367	0.	0.	0.	0.	0.	0.	0.
368	0.	0.	0.	0.	0.	0.	0.
369	0.	0.	0.	0.	0.	0.	0.
36A	0.	0.	0.	0.	0.	0.	0.
36B	0.	0.	0.	0.	0.	0.	0.
36C	0.	0.	0.	0.	0.	0.	0.
36D	0.	0.	0.	0.	0.	0.	0.
36E	0.	0.	0.	0.	0.	0.	0.
36F	0.	0.	0.	0.	0.	0.	0.
370	0.	0.	0.	0.	0.	0.	0.
371	0.	0.	0.	0.	0.	0.	0.
372	0.	0.	0.	0.	0.	0.	0.
373	0.	0.	0.	0.	0.	0.	0.
374	0.	0.	0.	0.	0.	0.	0.
3D1	0.	0.	0.	0.	0.	0.	0.
3D2	0.	0.	0.	0.	0.	0.	0.
3D3	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Frame	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor
3D4	0.	0.	0.	0.	0.	0.	0.
3D5	0.	0.	0.	0.	0.	0.	0.
3D6	0.	0.	0.	0.	0.	0.	0.
3D7	0.	0.	0.	0.	0.	0.	0.
3D8	0.	0.	0.	0.	0.	0.	0.
3D9	0.	0.	0.	0.	0.	0.	0.
3DA	0.	0.	0.	0.	0.	0.	0.
3DB	0.	0.	0.	0.	0.	0.	0.
3DC	0.	0.	0.	0.	0.	0.	0.
3DD	0.	0.	0.	0.	0.	0.	0.
3DE	0.	0.	0.	0.	0.	0.	0.
3DF	0.	0.	0.	0.	0.	0.	0.
3E0	0.	0.	0.	0.	0.	0.	0.
3E1	0.	0.	0.	0.	0.	0.	0.
3E2	0.	0.	0.	0.	0.	0.	0.
3E3	0.	0.	0.	0.	0.	0.	0.
3E4	0.	0.	0.	0.	0.	0.	0.
3E5	0.	0.	0.	0.	0.	0.	0.
3E6	0.	0.	0.	0.	0.	0.	0.
3E7	0.	0.	0.	0.	0.	0.	0.
1	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.
32	0.	0.	0.	0.	0.	0.	0.
33	0.	0.	0.	0.	0.	0.	0.
34	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Frame	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor
36	0.	0.	0.	0.	0.	0.	0.
37	0.	0.	0.	0.	0.	0.	0.
38	0.	0.	0.	0.	0.	0.	0.
39	0.	0.	0.	0.	0.	0.	0.
40	0.	0.	0.	0.	0.	0.	0.
41	0.	0.	0.	0.	0.	0.	0.
42	0.	0.	0.	0.	0.	0.	0.
43	0.	0.	0.	0.	0.	0.	0.
44	0.	0.	0.	0.	0.	0.	0.
45	0.	0.	0.	0.	0.	0.	0.
46	0.	0.	0.	0.	0.	0.	0.
47	0.	0.	0.	0.	0.	0.	0.
48	0.	0.	0.	0.	0.	0.	0.
49	0.	0.	0.	0.	0.	0.	0.
50	0.	0.	0.	0.	0.	0.	0.
51	0.	0.	0.	0.	0.	0.	0.
52	0.	0.	0.	0.	0.	0.	0.
53	0.	0.	0.	0.	0.	0.	0.
54	0.	0.	0.	0.	0.	0.	0.
55	0.	0.	0.	0.	0.	0.	0.
56	0.	0.	0.	0.	0.	0.	0.
57	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Table: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					KN	KN	KN-m
306	Program Determined	Program Determined	0.	0.	0.	0.	0.
307	Program Determined	Program Determined	0.	0.	0.	0.	0.
308	Program Determined	Program Determined	0.	0.	0.	0.	0.
309	Program Determined	Program Determined	0.	0.	0.	0.	0.
30A	Program Determined	Program Determined	0.	0.	0.	0.	0.
30B	Program Determined	Program Determined	0.	0.	0.	0.	0.
30C	Program Determined	Program Determined	0.	0.	0.	0.	0.
30D	Program Determined	Program Determined	0.	0.	0.	0.	0.
30E	Program Determined	Program Determined	0.	0.	0.	0.	0.
30F	Program Determined	Program Determined	0.	0.	0.	0.	0.
310	Program Determined	Program Determined	0.	0.	0.	0.	0.
311	Program Determined	Program Determined	0.	0.	0.	0.	0.
312	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					KN	KN	KN-m
343	Program Determined	Program Determined	0.	0.	0.	0.	0.
344	Program Determined	Program Determined	0.	0.	0.	0.	0.
345	Program Determined	Program Determined	0.	0.	0.	0.	0.
346	Program Determined	Program Determined	0.	0.	0.	0.	0.
347	Program Determined	Program Determined	0.	0.	0.	0.	0.
348	Program Determined	Program Determined	0.	0.	0.	0.	0.
349	Program Determined	Program Determined	0.	0.	0.	0.	0.
34A	Program Determined	Program Determined	0.	0.	0.	0.	0.
34B	Program Determined	Program Determined	0.	0.	0.	0.	0.
34C	Program Determined	Program Determined	0.	0.	0.	0.	0.
34D	Program Determined	Program Determined	0.	0.	0.	0.	0.
34E	Program Determined	Program Determined	0.	0.	0.	0.	0.
35C	Program Determined	Program Determined	0.	0.	0.	0.	0.
35D	Program Determined	Program Determined	0.	0.	0.	0.	0.
35E	Program Determined	Program Determined	0.	0.	0.	0.	0.
35F	Program Determined	Program Determined	0.	0.	0.	0.	0.
360	Program Determined	Program Determined	0.	0.	0.	0.	0.
361	Program Determined	Program Determined	0.	0.	0.	0.	0.
362	Program Determined	Program Determined	0.	0.	0.	0.	0.
363	Program Determined	Program Determined	0.	0.	0.	0.	0.
364	Program Determined	Program Determined	0.	0.	0.	0.	0.
365	Program Determined	Program Determined	0.	0.	0.	0.	0.
366	Program Determined	Program Determined	0.	0.	0.	0.	0.
367	Program Determined	Program Determined	0.	0.	0.	0.	0.
368	Program Determined	Program Determined	0.	0.	0.	0.	0.
369	Program Determined	Program Determined	0.	0.	0.	0.	0.
36A	Program Determined	Program Determined	0.	0.	0.	0.	0.
36B	Program Determined	Program Determined	0.	0.	0.	0.	0.
36C	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					KN	KN	KN-m
36D	Program Determined	Program Determined	0.	0.	0.	0.	0.
36E	Program Determined	Program Determined	0.	0.	0.	0.	0.
36F	Program Determined	Program Determined	0.	0.	0.	0.	0.
370	Program Determined	Program Determined	0.	0.	0.	0.	0.
371	Program Determined	Program Determined	0.	0.	0.	0.	0.
372	Program Determined	Program Determined	0.	0.	0.	0.	0.
373	Program Determined	Program Determined	0.	0.	0.	0.	0.
374	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D1	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D2	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D3	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D4	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D5	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D6	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D7	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D8	Program Determined	Program Determined	0.	0.	0.	0.	0.
3D9	Program Determined	Program Determined	0.	0.	0.	0.	0.
3DA	Program Determined	Program Determined	0.	0.	0.	0.	0.
3DB	Program Determined	Program Determined	0.	0.	0.	0.	0.
3DC	Program Determined	Program Determined	0.	0.	0.	0.	0.
3DD	Program Determined	Program Determined	0.	0.	0.	0.	0.
3DE	Program Determined	Program Determined	0.	0.	0.	0.	0.
3DF	Program Determined	Program Determined	0.	0.	0.	0.	0.
3E0	Program Determined	Program Determined	0.	0.	0.	0.	0.
3E1	Program Determined	Program Determined	0.	0.	0.	0.	0.
3E2	Program Determined	Program Determined	0.	0.	0.	0.	0.
3E3	Program Determined	Program Determined	0.	0.	0.	0.	0.
3E4	Program Determined	Program Determined	0.	0.	0.	0.	0.
3E5	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					KN	KN	KN-m
3E6	Program Determined	Program Determined	0.	0.	0.	0.	0.
3E7	Program Determined	Program Determined	0.	0.	0.	0.	0.
1	Program Determined	Program Determined	0.	0.	0.	0.	0.
2	Program Determined	Program Determined	0.	0.	0.	0.	0.
3	Program Determined	Program Determined	0.	0.	0.	0.	0.
4	Program Determined	Program Determined	0.	0.	0.	0.	0.
5	Program Determined	Program Determined	0.	0.	0.	0.	0.
6	Program Determined	Program Determined	0.	0.	0.	0.	0.
7	Program Determined	Program Determined	0.	0.	0.	0.	0.
8	Program Determined	Program Determined	0.	0.	0.	0.	0.
9	Program Determined	Program Determined	0.	0.	0.	0.	0.
10	Program Determined	Program Determined	0.	0.	0.	0.	0.
11	Program Determined	Program Determined	0.	0.	0.	0.	0.
12	Program Determined	Program Determined	0.	0.	0.	0.	0.
13	Program Determined	Program Determined	0.	0.	0.	0.	0.
14	Program Determined	Program Determined	0.	0.	0.	0.	0.
16	Program Determined	Program Determined	0.	0.	0.	0.	0.
17	Program Determined	Program Determined	0.	0.	0.	0.	0.
18	Program Determined	Program Determined	0.	0.	0.	0.	0.
19	Program Determined	Program Determined	0.	0.	0.	0.	0.
20	Program Determined	Program Determined	0.	0.	0.	0.	0.
21	Program Determined	Program Determined	0.	0.	0.	0.	0.
22	Program Determined	Program Determined	0.	0.	0.	0.	0.
23	Program Determined	Program Determined	0.	0.	0.	0.	0.
24	Program Determined	Program Determined	0.	0.	0.	0.	0.
25	Program Determined	Program Determined	0.	0.	0.	0.	0.
26	Program Determined	Program Determined	0.	0.	0.	0.	0.
27	Program Determined	Program Determined	0.	0.	0.	0.	0.
28	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					KN	KN	KN-m
29	Program Determined	Program Determined	0.	0.	0.	0.	0.
30	Program Determined	Program Determined	0.	0.	0.	0.	0.
31	Program Determined	Program Determined	0.	0.	0.	0.	0.
32	Program Determined	Program Determined	0.	0.	0.	0.	0.
33	Program Determined	Program Determined	0.	0.	0.	0.	0.
34	Program Determined	Program Determined	0.	0.	0.	0.	0.
35	Program Determined	Program Determined	0.	0.	0.	0.	0.
36	Program Determined	Program Determined	0.	0.	0.	0.	0.
37	Program Determined	Program Determined	0.	0.	0.	0.	0.
38	Program Determined	Program Determined	0.	0.	0.	0.	0.
39	Program Determined	Program Determined	0.	0.	0.	0.	0.
40	Program Determined	Program Determined	0.	0.	0.	0.	0.
41	Program Determined	Program Determined	0.	0.	0.	0.	0.
42	Program Determined	Program Determined	0.	0.	0.	0.	0.
43	Program Determined	Program Determined	0.	0.	0.	0.	0.
44	Program Determined	Program Determined	0.	0.	0.	0.	0.
45	Program Determined	Program Determined	0.	0.	0.	0.	0.
46	Program Determined	Program Determined	0.	0.	0.	0.	0.
47	Program Determined	Program Determined	0.	0.	0.	0.	0.
48	Program Determined	Program Determined	0.	0.	0.	0.	0.
49	Program Determined	Program Determined	0.	0.	0.	0.	0.
50	Program Determined	Program Determined	0.	0.	0.	0.	0.
51	Program Determined	Program Determined	0.	0.	0.	0.	0.
52	Program Determined	Program Determined	0.	0.	0.	0.	0.
53	Program Determined	Program Determined	0.	0.	0.	0.	0.
54	Program Determined	Program Determined	0.	0.	0.	0.	0.
55	Program Determined	Program Determined	0.	0.	0.	0.	0.
56	Program Determined	Program Determined	0.	0.	0.	0.	0.
57	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Table: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	KN-m	KN	KN				
306	0.	0.	0.	Program Determined	Program Determined	0.	0.
307	0.	0.	0.	Program Determined	Program Determined	0.	0.
308	0.	0.	0.	Program Determined	Program Determined	0.	0.
309	0.	0.	0.	Program Determined	Program Determined	0.	0.
30A	0.	0.	0.	Program Determined	Program Determined	0.	0.
30B	0.	0.	0.	Program Determined	Program Determined	0.	0.
30C	0.	0.	0.	Program Determined	Program Determined	0.	0.
30D	0.	0.	0.	Program Determined	Program Determined	0.	0.
30E	0.	0.	0.	Program Determined	Program Determined	0.	0.
30F	0.	0.	0.	Program Determined	Program Determined	0.	0.
310	0.	0.	0.	Program Determined	Program Determined	0.	0.
311	0.	0.	0.	Program Determined	Program Determined	0.	0.
312	0.	0.	0.	Program Determined	Program Determined	0.	0.
343	0.	0.	0.	Program Determined	Program Determined	0.	0.
344	0.	0.	0.	Program Determined	Program Determined	0.	0.
345	0.	0.	0.	Program Determined	Program Determined	0.	0.
346	0.	0.	0.	Program Determined	Program Determined	0.	0.
347	0.	0.	0.	Program Determined	Program Determined	0.	0.
348	0.	0.	0.	Program Determined	Program Determined	0.	0.
349	0.	0.	0.	Program Determined	Program Determined	0.	0.
34A	0.	0.	0.	Program Determined	Program Determined	0.	0.
34B	0.	0.	0.	Program Determined	Program Determined	0.	0.
34C	0.	0.	0.	Program Determined	Program Determined	0.	0.
34D	0.	0.	0.	Program Determined	Program Determined	0.	0.
34E	0.	0.	0.	Program Determined	Program Determined	0.	0.
35C	0.	0.	0.	Program Determined	Program Determined	0.	0.
35D	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	KN-m	KN	KN				
35E	0.	0.	0.	Program Determined	Program Determined	0.	0.
35F	0.	0.	0.	Program Determined	Program Determined	0.	0.
360	0.	0.	0.	Program Determined	Program Determined	0.	0.
361	0.	0.	0.	Program Determined	Program Determined	0.	0.
362	0.	0.	0.	Program Determined	Program Determined	0.	0.
363	0.	0.	0.	Program Determined	Program Determined	0.	0.
364	0.	0.	0.	Program Determined	Program Determined	0.	0.
365	0.	0.	0.	Program Determined	Program Determined	0.	0.
366	0.	0.	0.	Program Determined	Program Determined	0.	0.
367	0.	0.	0.	Program Determined	Program Determined	0.	0.
368	0.	0.	0.	Program Determined	Program Determined	0.	0.
369	0.	0.	0.	Program Determined	Program Determined	0.	0.
36A	0.	0.	0.	Program Determined	Program Determined	0.	0.
36B	0.	0.	0.	Program Determined	Program Determined	0.	0.
36C	0.	0.	0.	Program Determined	Program Determined	0.	0.
36D	0.	0.	0.	Program Determined	Program Determined	0.	0.
36E	0.	0.	0.	Program Determined	Program Determined	0.	0.
36F	0.	0.	0.	Program Determined	Program Determined	0.	0.
370	0.	0.	0.	Program Determined	Program Determined	0.	0.
371	0.	0.	0.	Program Determined	Program Determined	0.	0.
372	0.	0.	0.	Program Determined	Program Determined	0.	0.
373	0.	0.	0.	Program Determined	Program Determined	0.	0.
374	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D1	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D2	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D3	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D4	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D5	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D6	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	KN-m	KN	KN				
3D7	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D8	0.	0.	0.	Program Determined	Program Determined	0.	0.
3D9	0.	0.	0.	Program Determined	Program Determined	0.	0.
3DA	0.	0.	0.	Program Determined	Program Determined	0.	0.
3DB	0.	0.	0.	Program Determined	Program Determined	0.	0.
3DC	0.	0.	0.	Program Determined	Program Determined	0.	0.
3DD	0.	0.	0.	Program Determined	Program Determined	0.	0.
3DE	0.	0.	0.	Program Determined	Program Determined	0.	0.
3DF	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E0	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E1	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E2	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E3	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E4	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E5	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E6	0.	0.	0.	Program Determined	Program Determined	0.	0.
3E7	0.	0.	0.	Program Determined	Program Determined	0.	0.
1	0.	0.	0.	Program Determined	Program Determined	0.	0.
2	0.	0.	0.	Program Determined	Program Determined	0.	0.
3	0.	0.	0.	Program Determined	Program Determined	0.	0.
4	0.	0.	0.	Program Determined	Program Determined	0.	0.
5	0.	0.	0.	Program Determined	Program Determined	0.	0.
6	0.	0.	0.	Program Determined	Program Determined	0.	0.
7	0.	0.	0.	Program Determined	Program Determined	0.	0.
8	0.	0.	0.	Program Determined	Program Determined	0.	0.
9	0.	0.	0.	Program Determined	Program Determined	0.	0.
10	0.	0.	0.	Program Determined	Program Determined	0.	0.
11	0.	0.	0.	Program Determined	Program Determined	0.	0.
12	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	KN-m	KN	KN				
13	0.	0.	0.	Program Determined	Program Determined	0.	0.
14	0.	0.	0.	Program Determined	Program Determined	0.	0.
16	0.	0.	0.	Program Determined	Program Determined	0.	0.
17	0.	0.	0.	Program Determined	Program Determined	0.	0.
18	0.	0.	0.	Program Determined	Program Determined	0.	0.
19	0.	0.	0.	Program Determined	Program Determined	0.	0.
20	0.	0.	0.	Program Determined	Program Determined	0.	0.
21	0.	0.	0.	Program Determined	Program Determined	0.	0.
22	0.	0.	0.	Program Determined	Program Determined	0.	0.
23	0.	0.	0.	Program Determined	Program Determined	0.	0.
24	0.	0.	0.	Program Determined	Program Determined	0.	0.
25	0.	0.	0.	Program Determined	Program Determined	0.	0.
26	0.	0.	0.	Program Determined	Program Determined	0.	0.
27	0.	0.	0.	Program Determined	Program Determined	0.	0.
28	0.	0.	0.	Program Determined	Program Determined	0.	0.
29	0.	0.	0.	Program Determined	Program Determined	0.	0.
30	0.	0.	0.	Program Determined	Program Determined	0.	0.
31	0.	0.	0.	Program Determined	Program Determined	0.	0.
32	0.	0.	0.	Program Determined	Program Determined	0.	0.
33	0.	0.	0.	Program Determined	Program Determined	0.	0.
34	0.	0.	0.	Program Determined	Program Determined	0.	0.
35	0.	0.	0.	Program Determined	Program Determined	0.	0.
36	0.	0.	0.	Program Determined	Program Determined	0.	0.
37	0.	0.	0.	Program Determined	Program Determined	0.	0.
38	0.	0.	0.	Program Determined	Program Determined	0.	0.
39	0.	0.	0.	Program Determined	Program Determined	0.	0.
40	0.	0.	0.	Program Determined	Program Determined	0.	0.
41	0.	0.	0.	Program Determined	Program Determined	0.	0.
42	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	KN-m	KN	KN				
43	0.	0.	0.	Program Determined	Program Determined	0.	0.
44	0.	0.	0.	Program Determined	Program Determined	0.	0.
45	0.	0.	0.	Program Determined	Program Determined	0.	0.
46	0.	0.	0.	Program Determined	Program Determined	0.	0.
47	0.	0.	0.	Program Determined	Program Determined	0.	0.
48	0.	0.	0.	Program Determined	Program Determined	0.	0.
49	0.	0.	0.	Program Determined	Program Determined	0.	0.
50	0.	0.	0.	Program Determined	Program Determined	0.	0.
51	0.	0.	0.	Program Determined	Program Determined	0.	0.
52	0.	0.	0.	Program Determined	Program Determined	0.	0.
53	0.	0.	0.	Program Determined	Program Determined	0.	0.
54	0.	0.	0.	Program Determined	Program Determined	0.	0.
55	0.	0.	0.	Program Determined	Program Determined	0.	0.
56	0.	0.	0.	Program Determined	Program Determined	0.	0.
57	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Table: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Frame	LLRat	TotalRat	NetRat	DLAbs	SDLAndLLAbs	LLAbs	TotalAbs
				m	m	m	m
306	0.	0.	0.	0.	0.	0.	0.
307	0.	0.	0.	0.	0.	0.	0.
308	0.	0.	0.	0.	0.	0.	0.
309	0.	0.	0.	0.	0.	0.	0.
30A	0.	0.	0.	0.	0.	0.	0.
30B	0.	0.	0.	0.	0.	0.	0.
30C	0.	0.	0.	0.	0.	0.	0.
30D	0.	0.	0.	0.	0.	0.	0.
30E	0.	0.	0.	0.	0.	0.	0.
30F	0.	0.	0.	0.	0.	0.	0.
310	0.	0.	0.	0.	0.	0.	0.
311	0.	0.	0.	0.	0.	0.	0.
312	0.	0.	0.	0.	0.	0.	0.
343	0.	0.	0.	0.	0.	0.	0.
344	0.	0.	0.	0.	0.	0.	0.
345	0.	0.	0.	0.	0.	0.	0.
346	0.	0.	0.	0.	0.	0.	0.
347	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Frame	LLRat	TotalRat	NetRat	DLAbs	SDLAndLLAbs	LLAbs	TotalAbs
				m	m	m	m
348	0.	0.	0.	0.	0.	0.	0.
349	0.	0.	0.	0.	0.	0.	0.
34A	0.	0.	0.	0.	0.	0.	0.
34B	0.	0.	0.	0.	0.	0.	0.
34C	0.	0.	0.	0.	0.	0.	0.
34D	0.	0.	0.	0.	0.	0.	0.
34E	0.	0.	0.	0.	0.	0.	0.
35C	0.	0.	0.	0.	0.	0.	0.
35D	0.	0.	0.	0.	0.	0.	0.
35E	0.	0.	0.	0.	0.	0.	0.
35F	0.	0.	0.	0.	0.	0.	0.
360	0.	0.	0.	0.	0.	0.	0.
361	0.	0.	0.	0.	0.	0.	0.
362	0.	0.	0.	0.	0.	0.	0.
363	0.	0.	0.	0.	0.	0.	0.
364	0.	0.	0.	0.	0.	0.	0.
365	0.	0.	0.	0.	0.	0.	0.
366	0.	0.	0.	0.	0.	0.	0.
367	0.	0.	0.	0.	0.	0.	0.
368	0.	0.	0.	0.	0.	0.	0.
369	0.	0.	0.	0.	0.	0.	0.
36A	0.	0.	0.	0.	0.	0.	0.
36B	0.	0.	0.	0.	0.	0.	0.
36C	0.	0.	0.	0.	0.	0.	0.
36D	0.	0.	0.	0.	0.	0.	0.
36E	0.	0.	0.	0.	0.	0.	0.
36F	0.	0.	0.	0.	0.	0.	0.
370	0.	0.	0.	0.	0.	0.	0.
371	0.	0.	0.	0.	0.	0.	0.
372	0.	0.	0.	0.	0.	0.	0.
373	0.	0.	0.	0.	0.	0.	0.
374	0.	0.	0.	0.	0.	0.	0.
3D1	0.	0.	0.	0.	0.	0.	0.
3D2	0.	0.	0.	0.	0.	0.	0.
3D3	0.	0.	0.	0.	0.	0.	0.
3D4	0.	0.	0.	0.	0.	0.	0.
3D5	0.	0.	0.	0.	0.	0.	0.
3D6	0.	0.	0.	0.	0.	0.	0.
3D7	0.	0.	0.	0.	0.	0.	0.
3D8	0.	0.	0.	0.	0.	0.	0.
3D9	0.	0.	0.	0.	0.	0.	0.
3DA	0.	0.	0.	0.	0.	0.	0.
3DB	0.	0.	0.	0.	0.	0.	0.
3DC	0.	0.	0.	0.	0.	0.	0.
3DD	0.	0.	0.	0.	0.	0.	0.
3DE	0.	0.	0.	0.	0.	0.	0.
3DF	0.	0.	0.	0.	0.	0.	0.
3E0	0.	0.	0.	0.	0.	0.	0.
3E1	0.	0.	0.	0.	0.	0.	0.
3E2	0.	0.	0.	0.	0.	0.	0.
3E3	0.	0.	0.	0.	0.	0.	0.
3E4	0.	0.	0.	0.	0.	0.	0.
3E5	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Frame	LLRat	TotalRat	NetRat	DLAbs	SDLAndLLAbs	LLAbs	TotalAbs
				m	m	m	m
3E6	0.	0.	0.	0.	0.	0.	0.
3E7	0.	0.	0.	0.	0.	0.	0.
1	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.
32	0.	0.	0.	0.	0.	0.	0.
33	0.	0.	0.	0.	0.	0.	0.
34	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.
36	0.	0.	0.	0.	0.	0.	0.
37	0.	0.	0.	0.	0.	0.	0.
38	0.	0.	0.	0.	0.	0.	0.
39	0.	0.	0.	0.	0.	0.	0.
40	0.	0.	0.	0.	0.	0.	0.
41	0.	0.	0.	0.	0.	0.	0.
42	0.	0.	0.	0.	0.	0.	0.
43	0.	0.	0.	0.	0.	0.	0.
44	0.	0.	0.	0.	0.	0.	0.
45	0.	0.	0.	0.	0.	0.	0.
46	0.	0.	0.	0.	0.	0.	0.
47	0.	0.	0.	0.	0.	0.	0.
48	0.	0.	0.	0.	0.	0.	0.
49	0.	0.	0.	0.	0.	0.	0.
50	0.	0.	0.	0.	0.	0.	0.
51	0.	0.	0.	0.	0.	0.	0.
52	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Frame	LLRat	TotalRat	NetRat	DLAbs	SDLAndLLAbs	LLAbs	TotalAbs
				m	m	m	m
53	0.	0.	0.	0.	0.	0.	0.
54	0.	0.	0.	0.	0.	0.	0.
55	0.	0.	0.	0.	0.	0.	0.
56	0.	0.	0.	0.	0.	0.	0.
57	0.	0.	0.	0.	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Table: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Frame	NetAbs	SpecCamber	DCLimit
	m	m	
306	0.	0.	0.
307	0.	0.	0.
308	0.	0.	0.
309	0.	0.	0.
30A	0.	0.	0.
30B	0.	0.	0.
30C	0.	0.	0.
30D	0.	0.	0.
30E	0.	0.	0.
30F	0.	0.	0.
310	0.	0.	0.
311	0.	0.	0.
312	0.	0.	0.
343	0.	0.	0.
344	0.	0.	0.
345	0.	0.	0.
346	0.	0.	0.
347	0.	0.	0.
348	0.	0.	0.
349	0.	0.	0.
34A	0.	0.	0.
34B	0.	0.	0.
34C	0.	0.	0.
34D	0.	0.	0.
34E	0.	0.	0.
35C	0.	0.	0.
35D	0.	0.	0.
35E	0.	0.	0.
35F	0.	0.	0.
360	0.	0.	0.
361	0.	0.	0.
362	0.	0.	0.
363	0.	0.	0.
364	0.	0.	0.
365	0.	0.	0.
366	0.	0.	0.
367	0.	0.	0.
368	0.	0.	0.
369	0.	0.	0.
36A	0.	0.	0.
36B	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Frame	NetAbs	SpecCamber	DCLimit
	m	m	
36C	0.	0.	0.
36D	0.	0.	0.
36E	0.	0.	0.
36F	0.	0.	0.
370	0.	0.	0.
371	0.	0.	0.
372	0.	0.	0.
373	0.	0.	0.
374	0.	0.	0.
3D1	0.	0.	0.
3D2	0.	0.	0.
3D3	0.	0.	0.
3D4	0.	0.	0.
3D5	0.	0.	0.
3D6	0.	0.	0.
3D7	0.	0.	0.
3D8	0.	0.	0.
3D9	0.	0.	0.
3DA	0.	0.	0.
3DB	0.	0.	0.
3DC	0.	0.	0.
3DD	0.	0.	0.
3DE	0.	0.	0.
3DF	0.	0.	0.
3E0	0.	0.	0.
3E1	0.	0.	0.
3E2	0.	0.	0.
3E3	0.	0.	0.
3E4	0.	0.	0.
3E5	0.	0.	0.
3E6	0.	0.	0.
3E7	0.	0.	0.
1	0.	0.	0.
2	0.	0.	0.
3	0.	0.	0.
4	0.	0.	0.
5	0.	0.	0.
6	0.	0.	0.
7	0.	0.	0.
8	0.	0.	0.
9	0.	0.	0.
10	0.	0.	0.
11	0.	0.	0.
12	0.	0.	0.
13	0.	0.	0.
14	0.	0.	0.
16	0.	0.	0.
17	0.	0.	0.
18	0.	0.	0.
19	0.	0.	0.
20	0.	0.	0.
21	0.	0.	0.
22	0.	0.	0.

Table: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Frame	NetAbs	SpecCamber	DCLimit
	m	m	
23	0.	0.	0.
24	0.	0.	0.
25	0.	0.	0.
26	0.	0.	0.
27	0.	0.	0.
28	0.	0.	0.
29	0.	0.	0.
30	0.	0.	0.
31	0.	0.	0.
32	0.	0.	0.
33	0.	0.	0.
34	0.	0.	0.
35	0.	0.	0.
36	0.	0.	0.
37	0.	0.	0.
38	0.	0.	0.
39	0.	0.	0.
40	0.	0.	0.
41	0.	0.	0.
42	0.	0.	0.
43	0.	0.	0.
44	0.	0.	0.
45	0.	0.	0.
46	0.	0.	0.
47	0.	0.	0.
48	0.	0.	0.
49	0.	0.	0.
50	0.	0.	0.
51	0.	0.	0.
52	0.	0.	0.
53	0.	0.	0.
54	0.	0.	0.
55	0.	0.	0.
56	0.	0.	0.
57	0.	0.	0.

Table: Program Control, Part 1 of 2

Table: Program Control, Part 1 of 2

ProgramName	Version	ProgLevel	LicenseNum	LicenseOS	LicenseSC	LicenseHT	CurrUnits
SAP2000	24.2.0	Ultimate	3010*1BMB9U5HFBWYTE6	Yes	Yes	No	KN, m, C

Table: Program Control, Part 2 of 2

Table: Program Control, Part 2 of 2

SteelCode	ConcCode	AlumCode	ColdCode	RegenHinge
AISC 360-16	ACI 318-14	AA 2015	AISI-ASD96	Yes

PRESUPUESTO

FORMULARIO 1 - FORMULARIO DE PRESUPUESTO OFICIAL

INSTITUTO COLOMBIANO AGROPECUARIO ICA

GRUPO GESTIÓN INFRAESTRUCTURA FISICA Y MANTENIMIENTO

ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR

PRESUPUESTO OFICINA LOCAL MAGANGUÉ

ITEM	DESCRIPCION	UND.	CANT	V/UNIT.	SUBTOTAL
1.00	**PRELIMINARES**				**$ 25,969,267.00**
1,1	LOCALIZACIÓN Y REPLANTEO	M2	815.90	$ 3,301.00	$ 2,693,285.90
1,2	DESMONTE DE VENTANAS	M2	4.880	$ 11,772.00	$ 57,447.36
1,3	DEMOLICIÓN MANUAL DE MESÓN EN CONCRETO	M2	1.80	$ 21,021.00	$ 37,837.80
1,4	DESMONTE DE APARATO SANITARIO	UND	5.00	$ 28,488.00	$ 142,440.00
1,5	DESMONTE DE LAVAMANOS	UND	4.00	$ 17,296.00	$ 69,184.00
1,6	DESMONTE DE DIVISIÓN PARA BAÑO EN ACRILICO	M2	2.52	$ 4,763.00	$ 12,002.76
1,7	DEMOLICIÓN MANUAL DE ENCHAPE O PAÑETE (REVOQUE)	M2	49.12	$ 10,425.00	$ 512,076.00
1,8	DESMONTE DE MARCOS Y PUERTAS	UND	13.00	$ 13,585.00	$ 176,605.00
1,9	DESMONTE DE POCETA EN ACERO INOXIDABLE	UND	1.00	$ 17,296.00	$ 17,296.00
1,10	DESMONTE Y REINSTALACIÓN DE ARCHIVADORES, CONSISTE EN LA REUBICACIÓN DE LOS ARCHIVADORES EN EL ÁREA DOCUMENTAL, ESTO CON EL FIN DE REDISTRIBUIR EL ESPCIO ACORDE CON EL ACUERDO 049 DE 2000 REPOSITORÍO NORMATIVO ARCHIVO GERENERAL DE LA NACIÓN.INCLUYE RESANE DE PISOS.	M2	40.00	$ 1,509.00	$ 60,360.00
1,11	INSTALACIÓN DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO MÍNIMO CADA 2,0 M, ELEMENTOS DE FIJACIÓN, INCLUYE: SUMINISTRO, TRANSPORTE, INSTALACIÓN, EXCAVACIÓN, CONCRETO DE FUNDACIÓN PREPARADO EN OBRA DE 17 MPA - 2500 PSI, DIÁMETRO APROXIMADO 0,20 M Y PROFUNDIDAD APROXIMADA 0,30 M, CABLE O ALAMBRE TENSOR PARTE INFERIOR Y SUPERIOR HORIZONTAL, MANTENIMIENTO, DESMONTE Y TODOS LOS DEMÁS ELEMENTOS NECESARIOS PARA SU CORRECTA INSTALACIÓN Y OPERACIÓN.	M	190.00	$ 22,096.00	$ 4,198,240.00
1,12	DESMONTE DE CANAL EN LÁMINA Ó PVC	M	28.38	$ 4,612.00	$ 130,888.56
1,13	DESMONTE DE CIELO RASO	M2	350.00	$ 7,935.00	$ 2,777,250.00
1,14	DESMONTE DE CORTINAS, PERSIANAS Y CORTINEROS.	M2	34.13	$ 10,564.00	$ 360,549.32
1,15	DESMONTE DE AIRE ACONDICIONADO	UND	3.00	$ 137,407.00	$ 412,221.00
1,16	DESMONTE DE CERRAMIENTO EN ALAMBRE DE PUAS CON POSTES DE MADERA	M	90.00	$ 6,645.00	$ 598,050.00
1,17	RETIRO Y BOTADA DE ESCOMBROS. INCLUYE CARGUE, TRANSPORTE Y BOTADA DE MATERIAL.	M3	100.00	$ 39,157.00	$ 3,915,700.00
1,18	ROCERÍA Y LIMPIEZA MANUAL Y/O CON EQUIPO, CONTROL DE MALEZA Y CRECIMIENTO DE MATERIAL VEGETAL (INCLUYE RETIRO Y DISPOSICIÓN FINAL)	M2	1,201.18	$ 2,185.00	$ 2,624,578.30
1,19	DESMONTE DE TEJA DE ASBESTO CEMENTO EXISTENTE. LA MANO DE OBRA INCLUYE LOS ELEMENTOS REQUERIDOS DE PROTECCIÓN PARA EL MANEJO DE ESTA TEJA. INCLUYE MANEJO ESPECIAL, CARGUE, TRANSPORTE Y BOTADA ESPECIAL AL SITIO	M2	381.00	$ 7,046.00	$ 2,684,526.00
1,20	DESMONTE DE ESTRUCTURA DE CUBIERTA EXISTENTE. INCLUYE MANO DE OBRA DE DESINSTALACIÓN, CARGUE, TRANSPORTE Y BOTADA CON DERECHO A BOTADERO	M2	381.00	$ 6,974.00	$ 2,657,094.00
1,21	DESMONTE DE ESCRITORIOS Y SILLAS.INCLUYE MOVERLOS O TRASLADARLOS A SITIO DE ACOPIO DEBIDAMENTE ENVUELTOS EN PLÁSTICO	UND	10.00	$ 19,182.00	$ 191,820.00
1,22	PODA DE RAMAS	UND	30.00	$ 49,706.00	$ 1,491,180.00
1,23	DEMOLICIÓN PISOS, ANDENES, CUNETAS Y BORDILLOS DE CONCRETO, EN CUALQUIER ESPESOR. INCLUYE: RETIRO DE MALLA DE REFUERZO SI EXISTE, COMPRESOR NEUMÁTICO CON MARTILLO, ADEMÁS RECUPERACIÓN DE LO MATERIALES APROVECHABLES, CARGUE, TRANSPORTE HASTA EL SITIO DE ACOPIO INDICADO POR LA INTERVENTORÍA Y BOTADA DE ESCOMBROS	M3	5.00	$ 29,727.00	$ 148,635.00
2.00	MOVIMIENTO DE TIERRAS				**$ 6,464,687.73**
2,1	EXCAVACIÓN MANUAL H= 0-2 M. INCLUYE CARGUE Y RETIRO.	M3	87.75	$ 51,093.00	$ 4,483,410.75
2,2	LLENO COMPACTADO CON RECEBO COMÚN	M3	16.54	$ 119,787.00	$ 1,981,276.98
3.00	CERRAMIENTO				**$ 117,709,707.00**
3,1	MANTENIMIENTO CERRAMIENTO EXISTENTE EN PINTURA ANTICORROSIVA Y ACABADO EN ESMALTE PARA EXTERIORES.	M	90.00	$ 17,363.00	$ 1,562,670.00
3,2	CERRAMIENTO EN TUBO REDONDO GALVANIZADO DE 2". INCLUYE PATA DE ANCLAJE Y TAPON METALICO PINTADO CON PINTURA ANTICORROSIVA Y ACABADO EN ESMALTE PARA EXTERIORES.	M	90.00	$ 718,220.00	$ 64,639,800.00
3,3	ACERO PARA REFUERZO	KG	3,492.00	$ 6,491.00	$ 22,666,572.00
3,4	CONCRETO DE 3000 PSI	M3	30.00	$ 718,355.00	$ 21,550,650.00
3,5	SOLADO EN CONCRETO CICLOPEO	M3	15.00	$ 486,001.00	$ 7,290,015.00
4.00	INSTALACIONES HIDRÁULICAS Y SANITARIAS				**$ 3,519,255.00**
4,1	TUBERÍA CPVC PRESIÓN Ø= 1/2" (INCL. ACCESORIOS)	M	60.00	$ 14,159.00	$ 849,540.00
4,2	TUBERÍA PVC PRESIÓN Ø= 2" (INCL. ACCESORIOS)	M	20.00	$ 21,220.00	$ 424,400.00
4,3	TUBERÍA PVC SANITARIA Ø= 3" (INCL. ACCESORIOS)	M	20.00	$ 32,453.00	$ 649,060.00
4,4	PUNTO HIDRÁULICO CPVC DE 1/2" (3 M)	UND	2.00	$ 65,661.00	$ 131,322.00
4,5	VALVULA DE REGISTRO DE 1/2" INCLUYE TAPA DE REGISTRO	UND	2.00	$ 39,461.00	$ 78,922.00
4,6	TUBERÍA DRENAJE MINI SPLIT PVC 1" (INCL. ACCESORIOS)	M	25.00	$ 20,204.00	$ 505,100.00
4,7	REJILLA PARA PISO EN PVC 3"X2"	UND	2.00	$ 9,168.00	$ 18,336.00

4,8	TUBERÍA PVC Ø= 4" (INCL. ACCESORIOS)	M	15.00	$ 36,573.00	$ 548,595.00
4,9	SUMINISTRO E INSTALACION DE TUBERÍA PVC-S SANITARIA Ø= 2" (INCLUYE ACCESORIOS)	M	15.00	$ 20,932.00	$ 313,980.00
5.00	CUBIERTA				**$ 161,893,544.00**
5,1	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CUBIERTA (TEJA TERMOACÚSTICA KINGROOF ECO - PANEL TIPO SANDWICH CON AISLANTE EN POLISOCIANURATO PIR SAFE E:30MM BLANCO O VERDE, CALIBRE 28, LÁMINA INTERNA FOIL VINIL COLOR NATURAL). INCLUYE LOS CABALLETES Y REMATES REQUERIDOS, ADEMÁS DE LOS ACCESORIOS PARA SU DEBIDA INSTALACIÓN, Y RECUBRIMIENTO DE COLOR.	M2	390.00	$ 136,791.00	$ 53,348,490.00
5,2	CONSTRUCCIÓN Y MONTAJE DE ESTRUCTURA METÁLICA CON PERFILERIA TIPO PERFILERIA TIPO IPE, HEA, PHR-C, PTE PARA ELEMENTOS DE CUBIERTA, FACHADA, RAMPAS O ÁREAS DE CIRCULACIÓN METÁLICAS, SEGÚN DISEÑO. INCLUYE: SUMINISTRO Y TRANSPORTE DE LÁMINAS, PLATINAS, UNIONES, SOLDADURAS DE ACABADO O PRESENTACIÓN, ANCLAJES Y PERNOS A ESTRUCTURA DE CONCRETO Y MADERA. INCLUYE ENSAYOS A SOLDADURAS, OBRA FALSA Y TODO EL EQUIPO Y LA HERRAMIENTA NECESARIA PARA EL MONTAJE.	KG	7262.30	$ 11,950.00	$ 86,784,485.00
5,3	CANAL EN LÁMINA GALVANIZADA CAL. 20 S= 50 CM	M	30.00	$ 102,625.00	$ 3,078,750.00
5,4	CIELO RASO CONTINUO EN PVC BLANCO RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS ACCESORIOS NECESARIOS PARA SU CORRECTA INSTALACIÓN, Y LAS PERFORACIONES Y RESANE	M2	299.00	$ 62,481.00	$ 18,681,819.00
6.00	ENHAPES Y ACCESORIOS				**$ 3,848,936.50**
6,1	SUMINISTRO E INSTALACION DE ENCHAPE EN CERÁMICA 30X60 CM	M2	27.90	$ 76,719.00	$ 2,140,460.10
6,2	SUMINISTRO E INSTALACION DE PISO EN PORCELANATO 60X60	M2	12.60	$ 105,794.00	$ 1,333,004.40
6,3	SUMINISTRO E INSTALACION DE GUARDAESCOBA EN PORCELANATO	ML	15.50	$ 24,224.00	$ 375,472.00
7.00	BAÑOS				**$ 10,414,255.00**
7,1	SANITARIO SMART ELONGADO COLOR BLANCO	UND	4.00	$ 573,420.00	$ 2,293,680.00
7,2	LAVAMANOS DE INCRUSTAR BLANCO TIPO SAN LORENZO	UND	3.00	$ 308,460.00	$ 925,380.00
7,3	ORINAL MEDIANO BLANCO GRIFERÍA TIPO PUSH	UND	2.00	$ 663,517.00	$ 1,327,034.00
7,4	GRIFERÍA LAVAMANOS MONOCONTROL AHORRADORA	UND	4.00	$ 189,672.00	$ 758,688.00
7,5	GRIFERÍA LAVAPLATOS MONOCONTROL	UND	1.00	$ 212,523.00	$ 212,523.00
7,6	DISPENSADOR DE TOALLAS DE PAPEL	UND	2.00	$ 90,008.00	$ 180,016.00
7,7	DISPENSADOR DE JABÓN LÍQUIDO	UND	2.00	$ 70,555.00	$ 141,110.00
7,8	DISPENSADOR DE PAPEL HIGIÉNICO	UND	2.00	$ 116,410.00	$ 232,820.00
7,9	BARRA DE SEGURIDAD HORIZONTAL 36" (92 CM) PARA DISCAPACITADOS EN ACERO INOXIDABLE, DE SOBREPONER A LA PARED, REF. 30-AA-8736 DE A&A, O EQUIVALENTE	UND	2.00	$ 244,318.00	$ 488,636.00
7,10	ESPEJO CRISTAL BISELADO DE 4 MM COLOCADO FLOTADO SOBRE MURO , PARA BAÑOS WC.	M2	6.00	$ 117,200.00	$ 703,200.00
7,11	MESON - LAVAMANOS EN QUARZTONE BLANCO POLAR ANCHO 60 CM, SALPICADERO 8 CM Y FRENTERO DE 4 CM PARA BAÑO. INCLUYE FABRICACION, SUMINISTRO E INSTALACION.	M2	4.00	$ 787,792.00	$ 3,151,168.00
8.00	PAÑETES, ESTUCO Y PINTURA				**$ 23,772,988.00**
8,1	ESTUCO ACRÍLICO EN MUROS	M2	50.00	$ 15,923.00	$ 796,150.00
8,2	PAÑETE MURO (INCL. FILOS Y DILATACIONES)	M2	50.00	$ 27,522.00	$ 1,376,100.00
8,3	PINTURA EXTERIOR EN KORAZA	M2	526.50	$ 33,804.00	$ 17,797,806.00
8,4	PINTURA CON VINILO EN MUROS	M2	252.00	$ 15,091.00	$ 3,802,932.00
9.00	CARPINTERÍA DE MADERA				**$ 7,955,775.45**
9,1	MUEBLE INFERIOR DE COCINA H= 90 CM	M	2.15	$ 780,574.00	$ 1,678,234.10
9,2	MUEBLE SUPERIOR DE COCINA H= 60 CM	M	2.15	$ 484,269.00	$ 1,041,178.35
9,3	PUERTA EN MADERA ENTAMBORADA DE 0.80 X 2.05 M	UND	11.00	$ 476,033.00	$ 5,236,363.00
10.00	INSTALACIONES ELÉCTRICAS				**$ 181,881,404.00**
10,1	SUMINISTRO E INSTALACIÓN UNIDAD ACONDICIONADORA MINI SPLIT TIPO PARED 12.000 BTU/H INCLUYE CONDENSADORA, EVAPORADORA Y CONTROL REMOTO. COMPRESOR INVERTER. ELIMINACIÓN DE BACTERIAS	UND	2.00	$ 2,124,225.00	$ 4,248,450.00
10,2	SUMINSITRO E INSTALACIÓN UNIDAD ACONDICIONADORA MINI SPLIT TIPO PARED 24.000 BTU/H INCLUYE CONDENSADORA, EVAPORADORA Y CONTROL REMOTO. COMPRESOR INVERTER.ELIMINACIÓN DE BACTERIAS	UND	2.00	$ 4,982,437.00	$ 9,964,874.00
10,3	SUMINISTRO E INSTALACIÓN DE UPS TRIFÁSICO DE 10 KVA 208/120V ON LINE, AUTONIMIA DE 10 MIN A PLANA CARGA	UND	1.00	$ 25,212,819.00	$ 25,212,819.00
10.4	SUMINISTRO E INSTALACIÓN DE LUMINARIA DE EMERGENCIA CERTIFICADA RETIE PARA CUARTOS TECNICOS. INCLUYE 1 METRO DE CABLE ENCAUCHETADO 3X18 HF FR LS Y CLAVIJA.	UND	7.00	$ 110,307.00	$ 772,149.00
10,5	SUMINISTRO E INSTALACIÓN SALIDA DE ILUMINACION EN TUBERIA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION.	UND	46.00	$ 202,006.00	$ 9,292,276.00
10,6	SUMINISTRO E INSTALACIÓN SALIDA DE INTERRUPTOR TRIPLE EN TUBERIA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION. AUDITORIO	UND	1.00	$ 198,800.00	$ 198,800.00
10,7	SUMINISTRO E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA EN MURO SOBREPUESTA EN TUBERIA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN.	UND	8.00	$ 193,168.00	$ 1,545,344.00
10,8	SUMINISTRO E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE BLANCA CON POLO A TIERRA EN CANALETA METALICA SOBREPUESTA , TOMA CORRIENTE CABLE 12 AWG TRIPLE FASE AZUL Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO	UND	22.00	$ 109,342.00	$ 2,405,524.00
10,9	SUMINISTRO E INSTALACIÓN DE TABLERO TRIIFASICO DE 18 CIRCUITOS PARA RED REGULADA SIN ESPACIO TOTALIZADOR, INCLUYE PROTECCIONES 12 DE 1X20A.	UND	1.00	$ 962,099.00	$ 962,099.00
10,10	SUMINISTRO E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA REGULADA EN CANALETA METALICA SOBREPUESTA , TOMA CORRIENTE Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO	UND	22.00	$ 122,784.00	$ 2,701,248.00

10,11	SUMINISTRO DE MANO DE OBRA PARA EL ACONDICIONAMIENTO CONEXIÓN DEL MEDIDOR DE ENERGÍA, MARCACION DE FASES, ADECUACIONES.	UND	1.00	$ 455,523.00	$ 455,523.00
10,12	SUMINISTRO E INSTALACIÓN SALIDA DE INTERRUPTOR SENCILLO EN TUBERIA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION.	UND	9.00	$ 142,930.00	$ 1,286,370.00
10,13	SUMINISTRO E INSTALACIÓN DE TRANSFORMADOR DE 30 KVA REGULADOR 208/120V	UND	1.00	$ 20,133,203.00	$ 20,133,203.00
10,14	SUMINISTRO E INSTALACIÓN DE LUMINARIA LED 60X60 40W 120V AUDITORIO	UND	12.00	$ 164,533.00	$ 1,974,396.00
10,15	SUMINISTRO E INSTALACIÓN DE UN SISTEMA DE PUESTA A TIERRA CON TRES VARILLAS COBRE-COBRE DE 2,4M X 5/8", SOLDADURA EXOTERMICA Y CABLE 1/0 COBRE DESNUDO 25ML PARA EL TRANSFORMADOR.	UND	1.00	$ 5,692,799.00	$ 5,692,799.00
10,16	SUMINISTRO E INSTALACIÓN DE LUMINARIA PANEL LED REDODO DE 18W 120V. PARA COCINA, BAÑOS CUARTO DE ASEO, PASILLOS.	UND	20.00	$ 34,017.00	$ 680,340.00
10,17	SUMINISTRO E INSTALACIÓN DE PLANTA ELECTRICA DE 30 KVA, ENCABINADA, EN CUARTO SEPARADO, CON TRASNFERENCIA Y TANQUE DE RESERVA.	UND	1.00	$ 51,995,849.00	$ 51,995,849.00
10,18	SUMINISTRO E INSTALACIÓN DE ACOMETIDA TRIFASICA A TRANSFERENCIA DESDE PLANTA Y TRASNFORMADOR 3X1/0+1/0+1/0T, INCLUYE ELEMENTOS DE SUJECIÓN	M	45.00	$ 228,907.00	$ 10,300,815.00
10,19	DESMONTE DE REDES ELECTRICAS EXISTENTES. INCLUYE EL RETIRO DE TODAS LAS LUMIANRIAS	GL	1.00	$ 1,836,603.00	$ 1,836,603.00
10,20	SUMINISTRO E INSTALACIÓN DE CABLE TRENSADO 3X12 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO	M	120.00	$ 20,438.00	$ 2,452,560.00
10,21	SUMINISTRO E INSTALACIÓN SALIDA PARA AA EN TUBERIA EMT 1", CABLE 2X10+12T AWG LIBRE DE HALOGENOS, CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION.	UND	11.00	$ 308,877.00	$ 3,397,647.00
10,22	SUMINISTRO E INSTALACIÓN DE CANALETA METALICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACION RETIE.	M	90.00	$ 84,332.00	$ 7,589,880.00
10,23	SUMINISTRO E INSTALACIÓN DE TABLERO TRIFASICO DE 30 CIRDUITOS CON ESPACIO PARA TOTALIZADOR INCLUYE TOTALIZADOR DE 100A A 200A, PROTECCIONES SEGUN DIAGRAMA UNIFILAR, CONEXIÓN DE ACOMETIDA DESDE TRANSFORMADOR .	UND	1.00	$ 1,462,522.00	$ 1,462,522.00
10,24	SUMINISTRO E INSTALACION DE SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO.	UND	5.00	$ 203,360.00	$ 1,016,800.00
10,25	SUMINISTRO E INSTALACIÓN SALIDA PARA SENSOR INFRARROJO EN TECHO, INCLUYE CABLE, CONECTORES Y ELEMENTOS DE FIJACIÓN.	UND	5.00	$ 135,615.00	$ 678,075.00
10,26	SUMINISTRO E INSTALACIÓN DE SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA GFCI, INCLUYE CANA 2400 ALUMINIO FUNDIDO, CONCTORES Y SOPORTES DE TUBERIA Y EN SI TODO LO NECESARIO PARA SU FUNCIONAMIENTO.	UND	2.00	$ 259,377.00	$ 518,754.00
10,27	SUMINISTRO E INSTALACION DE CANALIZACION 2X3" TUBO PVC 3", INCLUYE EXCAVACIÓN Y RELLENO CON EL MISMO MATERIAL EXCAVADO	M	50.00	$ 85,251.00	$ 4,262,550.00
10,28	SUMINISTRO E INSTALACION DE ACOMETIDA DESDE TN1 HASTA UPS Y TR1 2X6+6+8T, INCLUYE TERMINALES	M	15.00	$ 72,843.00	$ 1,092,645.00
10,29	SUMINISTRO E INSTALACIÓN DE CAJA CS274 DE 0,6X0,6M CON TAPA CON MARCO Y CONTRAMARCO EN LADRILLO RECOCIDO, INCLUYE EXCAVACIÓN	UND	3.00	$ 529,561.00	$ 1,588,683.00
10,30	SUMINISTRO E INSTALACIÓN DE TUBO EMT DE 3" PARA ACOMETIDA DE PLANTA A TRANSFERENCIA	M	20.00	$ 171,819.00	$ 3,436,380.00
10,31	SUMINISTRO E INSTALACION DE CANALIZACION 1X3" TUBO PVC 3", INCLUYE EXCAVACIÓN Y RELLENO CON EL MISMO MATERIAL EXCAVADO	M	5.00	$ 60,085.00	$ 300,425.00
10,32	SUMINISTRO E INSTALACIÓN DE REFLECTOR LED CON PANEL SOLAR DE 200W	UND	6.00	$ 404,167.00	$ 2,425,002.00
11.00	CARPINTERÍA METÁLICA				**$ 20,334,821.90**
11,1	MARCO METÁLICO LÁMINA CAL. 20 A=0.80 M (INCL. PINTURA)	UND	11.00	$ 191,184.00	$ 2,103,024.00
11,2	VENTANA EN ALUMINIO CORREDIZA (VIDRIO 4 MM)	M2	26.00	$ 342,220.00	$ 8,897,720.00
11,3	DIVISIÓN PARA BAÑO EN LÁMINA CAL. 20 (INCL. PINTURA)	M2	13.30	$ 392,003.00	$ 5,213,639.90
11,4	MANTENIMIENTO DE VENTANAS Y REJAS METÁLICAS EXISTENTES DE DIMENSIONES VARIABLES, INCLUYE DESMONTE Y REINSTALACIÓN, ADEMÁS DE PINTURA ANTICORROSIVA	UND	10.00	$ 59,985.00	$ 599,850.00
11,5	PUERTA DE DOS SECCIONES EN VIDRIO TEMPADO CON MARCO Y TRAVESAÑO FABRICADO EN TUBERÍA TIPO PESADA CON ACABADO FINAL EN ABM, CIERRA PUERTA SUPERIOR, CERRADURA - MANIJA CON LLAVE.	M2	4.00	$ 880,147.00	$ 3,520,588.00
12.00	VARIOS				**$ 8,831,162.40**
12.1	PISO CONTINUO MULTICAPA DE MORTERO HIDRÁULICO POLIMÉRICO, PARA EXTERIORES. E=0.05M	M2	36.00	$ 80,225.00	$ 2,888,100.00
12.2	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE AVISO ICA DE UNA MEDIDA APROXIMADA DE 1,5X1,0M. INCLUYE EL AVISO Y ESTRUCTURA METÁLICA, ADEMÁS DE LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA REQUERIDOS PARA SU CORRECTA INSTALACIÓN. EL DISEÑO DEPENDERA DE LAS NECESIDADES Y REQUERIMIENTOS DE LA ENTIDAD.	UND	1.00	$ 857,790.00	$ 857,790.00
12.3	GRIFERÍA PARA LAVAPLATOS. MONOCONTROL SIN MEZCLADOR TIPO "GRIVAL NOGAL" Ó SIMILAR, PARA COCINETAS	UND	1.00	$ 160,930.00	$ 160,930.00
12.4	SUMINISTRO E INSTALACIÓN MESON EN QUARZTONE BLANCO POLAR CON REENGRUESE DE 5 CMS SOBRE BASTIDOR DE MDF PARA COCINA. ANCHO 60 CM.SALPICADERO DE 8 CMS FRENTERO 4CMS. COCINETA	ML	3.10	$ 673,774.00	$ 2,088,699.40
12.5	LAVAPLATOS SENCILLO EN ACERO INOXIDABLE 55X43 CM SOCODA O EQUIVALENTE, PARA COCINETAS	UND	1.00	$ 211,011.00	$ 211,011.00
12.6	POCETA DE ASEO PREFABRICADA EN GRANITO 42X42X25 CM	UND	1.00	$ 189,132.00	$ 189,132.00
12.7	ASEO GENERAL TANTO DE LA PARTE INTERNA COMO EXTERNA Y DONDE SE HAYAN REALIZADO ACTIVIDADES PARA PODER EJECUTAR LA OBRA. (INCLUYE RETIRO DE SOBRANTES AL REALIZAR EL ASEO)	M2	500.00	$ 4,871.00	$ 2,435,500.00

TOTAL COSTO DIRECTO OBRA OFICINA MAGANGUE	**$ 572,595,803.98**

ICA
Instituto Colombiano Agropecuario

PRESUPUESTO OFICINA LOCAL CARMEN DE BOLÍVAR					
ITEM	**DESCRIPCION**	**UND.**	**CANT**	**V/UNIT.**	**V/TOT.**
1.00	**PRELIMINARES**				**$ 1,558,418.00**
1.1	INSTALACIÓN DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO MÍNIMO CADA 2,0 M, ELEMENTOS DE FIJACIÓN, INCLUYE: SUMINISTRO, TRANSPORTE, INSTALACIÓN, EXCAVACIÓN, CONCRETO DE FUNDACIÓN PREPARADO EN OBRA DE 17 MPA - 2500 PSI, DIÁMETRO APROXIMADO 0,20 M Y PROFUNDIDAD APROXIMADA 0,30 M, CABLE O ALAMBRE TENSOR PARTE INFERIOR Y SUPERIOR HORIZONTAL, MANTENIMIENTO, DESMONTE Y TODOS LOS DEMÁS ELEMENTOS NECESARIOS PARA SU CORRECTA INSTALACIÓN Y OPERACIÓN.	M	42.00	$ 22,096.00	$ 928,032.00
1.2	LOCALIZACIÓN, TRAZADO Y REPLANTEO. SE UTILIZARÁ PERSONAL EXPERTO CON EQUIPO DE PRECISIÓN. TODOS LOS DEMÁS MATERIALES, ELEMENTOS, EQUIPOS, SEGUROS DE EQUIPOS, INSTALACIONES, COMBUSTIBLES, LUBRICANTES, ENERGÍA, TRANSPORTE, MANO DE OBRA, NECESARIOS PARA UNA CORRECTA EJECUCIÓN DE LOS TRABAJOS. SE HARÁN LOS CHEQUEOS O REVISIONES NECESARIOS, CON LA FRECUENCIA QUE INDIQUE LA INTERVENTORÍA. INCLUYE ELABORACIÓN DE PLANOS.	DÍA	1.00	$ 630,386.00	$ 630,386.00
2.00	**RETIROS Y DEMOLICIONES**				**$ 11,748,973.09**
2.1	DESMONTE DE TEJA DE ASBESTO CEMENTO EXISTENTE. LA MANO DE OBRA INCLUYE LOS ELEMENTOS REQUERIDOS DE PROTECCIÓN PARA EL MANEJO DE ESTA TEJA. INCLUYE MANEJO ESPECIAL, CARGUE, TRANSPORTE Y BOTADA ESPECIAL AL SITIO PERMITIDO DE MANEJO DE ESTOS ELEMENTOS.	M2	376.00	$ 7,046.00	$ 2,649,296.00
2.2	DESMONTE DE ESTRUCTURA DE CUBIERTA EXISTENTE. INCLUYE MANO DE OBRA DE DESINSTALACIÓN, CARGUE, TRANSPORTE Y BOTADA CON DERECHO A BOTADERO	M2	376.00	$ 6,974.00	$ 2,622,224.00
2.3	DESMONTE DE CIELO RASO EN MADERA. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	M2	376.00	$ 9,531.00	$ 3,583,656.00
2.4	RETIRO DE INSTALACIONES ELÉCTRICAS Y LUMINARIAS EXISTENTES. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	GL	1.00	$ 1,836,603.00	$ 1,836,603.00
2.5	RETIRO DE CIELO RASO EN SUPERBOARD. INCLUYE CARGUE, TRANSPORTE Y BOTADA EN LOS SITIOS OFICIALES, ADEMÁS DEL DERECHO AL BOTADERO	M2	64.00	$ 9,531.00	$ 609,984.00
2.6	DESMONTE DE ESCRITORIOS Y SILLAS.INCLUYE MOVERLOS O TRASLADARLOS A SITIO DE ACOPIO DEBIDAMENTE ENVUELTOS EN PLÁSTICO	UND	10.00	$ 19,182.00	$ 191,820.00
2.7	DESMONTE Y REINSTALACIÓN DE ARCHIVADORES, CONSISTE EN LA REUBICACIÓN DE LOS ARCHIVADORES EN EL ÁREA DOCUMENTAL, ESTO CON EL FIN DE REDISTRIBUIR EL ESPCIO ACORDE CON EL ACUERDO 049 DE 2000 REPOSITORÍO NORMATIVO ARCHIVO GERENERAL DE LA NACIÓN.INCLUYE RESANE DE PISOS.	M2	50.01	$ 1,509.00	$ 75,465.09
2.8	DEMOLICIÓN MAMPOSTERÍA CON UN ESPESOR HASTA 25CM. INCLUYE CARGUE, TRANSPORTE Y BOTADA DE ESCOMBROS EN BOTADEROS OFICIALES, DEMOLICIÓN DE REVOQUES Y DE ENCHAPES APLICADOS EN EL MURO A DEMOLER E INSTALACIONES EMBEBIDAS, ADEMÁS RECUPERACIÓN DE LOS MATERIALES APROVECHABLES O SU TRANSPORTE HASTA EL SITIO QUE LO INDIQUE LA INTERVENTORÍA; SE DEBE UTILIZAR CORTADORA PARA GARANTIZAR QUE LOS FILETES DE LA DEMOLICIÓN QUEDEN	M2	15.00	$ 11,995.00	$ 179,925.00
3.00	**CUBIERTA**				**$ 152,006,336.20**
3.1	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CUBIERTA (TEJA TERMOACÚSTICA KINGROOF ECO - PANEL TIPO SANDWICH CON AISLANTE EN POLISOCIANURATO PIR SAFE E:30MM BLANCO O VERDE, CALIBRE 28, LÁMINA INTERNA FOIL VINIL COLOR NATURAL O SIMILAR CON LAS MISMAS CARACTERISTICAS O MEJORES). INCLUYE LOS CABALLETES Y REMATES REQUERIDOS, ADEMÁS DE LOS ACCESORIOS PARA SU DEBIDA INSTALACIÓN, Y RECUBRIMIENTO DE COLOR.	M2	376.00	$ 136,791.00	$ 51,433,416.00
3.2	CONSTRUCCION Y MONTAJE DE ESTRUCTURA METALICA CON PERFILERIA TIPO PERFILERIA TIPO IPE, HEA, PHR-C, PTE PARA ELEMENTOS DE CUBIERTA, FACHADA, RAMPAS O ÁREAS DE CIRCULACIÓN METÁLICAS, SEGÚN PLANO. INCLUYE: SUMINISTRO Y TRANSPORTE DE LÁMINAS, PLATINAS, UNIONES, SOLDADURAS DE ACABADO O PRESENTACIÓN, ANCLAJES Y PERNOS A ESTRUCTURA DE CONCRETO Y MADERA. INCLUYE ENSAYOS A SOLDADURAS, OBRA FALSA Y TODO EL EQUIPO Y LA HERRAMIENTA NECESARIA PARA EL MONTAJE	KG	6008.68	$ 11,950.00	$ 71,803,726.00
3.3	SUMINISTRO, TRANSPORTE E INSTALACION DE CANAL PVC TIPO AMAZONAS O SIMILAR PARA AGUAS LLUVIAS CON MEDIDAS APROXIMADAS DE ANCHO 162,3MM POR ALTURAS DE 142,3MM (PARTE ALTA) Y 94,9MM (PARTE BAJA) CON LAS RESPECTIVAS UNIONES, TAPAS EXTERIORES Y UNIONES A LAS BAJANTES. INCLUYE ELEMENTOS PARA FIJACIÓN A CUBIERTA Y TODOS LOS DEMÁS REQUERIDOS PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO	M	50.00	$ 70,274.00	$ 3,513,700.00
3.4	SUMINISTRO, TRANSPORTE E INSTALACIÓN BAJANTE PVC TIPO RAINMAX DE DIMENSIONES APROXIMADAS DE 100MMX100MM CON LAS RESPECTIVAS UNIONES, CODOS Y SOPORTES PARA SU FIJACIÓN. INCLUYE TODOS LOS DEMÁS ACCESORIOS Y ELEMENTOS PARA SU DEBIDA INSTALACIÓN.	M	44.20	$ 49,141.00	$ 2,172,032.20
3.5	SUMINISTRO, TRANSPORTE Y COLOCACIÓN DE CIELO RASO CONTINUO EN PVC BLANCO RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS ACCESORIOS NECESARIOS PARA SU CORRECTA INSTALACIÓN, Y LAS PERFORACIONES Y RESANE	M2	30.00	$ 62,481.00	$ 1,874,430.00
3.6	SUMINISTRO, TRANSPORTE Y COLOCACIÓN DE CIELO RASO CONTINUO EN PLACA DE YESO RH 1/2" RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS ACCESORIOS NECESARIOS PARA SU CORRECTA INSTALACIÓN, Y LAS PERFORACIONES Y RESANE	M2	376.00	$ 56,407.00	$ 21,209,032.00
4.00	**INSTALACIONES ELÉCTRICAS**				**$ 123,753,650.00**
4.1	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE UPS TRIFÁSICO DE 10 KVA 208/120V ON LINE, AUTONOMÍA DE 10 MIN A PLANA CARGA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	1.00	$ 25,212,819.00	$ 25,212,819.00
4.2	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE LUMINARIA DE EMERGENCIA CERTIFICADA RETIE PARA CUARTOS TÉCNICOS. INCLUYE 1 METRO DE CABLE ENCAUCHETADO 3X18 HF FR LS Y CLAVIJA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	8.00	$ 110,307.00	$ 882,456.00
4.3	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE ILUMINACIÓN EN TUBERÍA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	88.00	$ 202,006.00	$ 17,776,528.00
4.4	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA EN MURO SOBREPUESTA EN TUBERÍA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	2.00	$ 193,168.00	$ 386,336.00
4.5	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE BLANCA CON POLO A TIERRA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE CABLE 12 AWG TRIPLE FASE AZUL Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	41.00	$ 109,342.00	$ 4,483,022.00

4.6	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TABLERO TRIFÁSICO DE 18 CIRCUITOS PARA RED REGULADA SIN ESPACIO TOTALIZADOR, INCLUYE PROTECCIONES 12 DE 1X20A.. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	1.00	$ 962,099.00	$ 962,099.00
4.7	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA REGULADA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	41.00	$ 122,784.00	$ 5,034,144.00
4.8	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE INTERRUPTOR SENCILLO EN TUBERÍA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	15.00	$ 142,930.00	$ 2,143,950.00
4.9	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TRANSFORMADOR DE 30 KVA REGULADOR 208/120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1.00	$ 20,133,203.00	$ 20,133,203.00
4.10	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE LUMINARIA LED 60X60 40W 120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	44.00	$ 164,533.00	$ 7,239,452.00
4.11	SUMINISTRO E INSTALACIÓN DE LUMINARIA PANEL LED REDONDO DE 18W 120V. PARA COCINA, BAÑOS CUARTO DE ASEO, PASILLOS. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	36.00	$ 34,017.00	$ 1,224,612.00
4.12	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE ACOMETIDA TRIFÁSICA A TN1 DESDE TGD 3X1/0+1/0+1/0T, ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	30.00	$ 228,907.00	$ 6,867,210.00
4.13	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CABLE TRENSADO 3X2 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	180.00	$ 20,438.00	$ 3,678,840.00
4.14	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA PARA AA EN TUBERÍA EMT 1", CABLE 2X10+12T AWG LIBRE DE HALÓGENOS, CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	11.00	$ 308,877.00	$ 3,397,647.00
4.15	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CANALETA METÁLICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACIÓN RETIE. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	190.00	$ 84,332.00	$ 16,023,080.00
4.16	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TABLERO TRIFASICO DE 30 CIRCUITOS CON ESPACIO PARA TOTALIZADOR INCLUYE TOTALIZADOR DE 100A A 200A, PROTECCIONES SEGÚN DIAGRAMA UNIFILAR, CONEXIÓN DE ACOMETIDA DESDE TRANSFORMADOR. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1.00	$ 1,462,522.00	$ 1,462,522.00
4.17	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	6.00	$ 203,360.00	$ 1,220,160.00
4.18	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SALIDA PARA SENSOR INFRARROJO EN TECHO, INCLUYE CABLE, CONECTORES Y ELEMENTOS DE FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	6.00	$ 135,615.00	$ 813,690.00
4.19	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA GFCI, INCLUYE CANA 2400 ALUMINIO FUNDIDO, CONECTORES Y SOPORTES DE TUBERÍA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1.00	$ 259,377.00	$ 259,377.00
4.20	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE ACOMETIDA DESDE TN1 HASTA UPS Y TR1 3X6+4+8T, INCLUYE TERMINALES. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	15.00	$ 92,271.00	$ 1,384,065.00
4.21	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TUBO EMT DE 2" PARA ACOMETIDA DE TGD A TN1. INCLUYE CURBAS, TERMINALES, UNIONES, Y ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	20.00	$ 129,138.00	$ 2,582,760.00
4.22	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE MEDIDOR ELECTRONICO CALIBRADO TRIFASICO CONTADOR HIKING ESTATICO TRIFA 5 - 100 A, PARA INSTALAR ANTES DEL TABLERO TN1 PARA TENER MEDIDA DE CONSUMO, INCLUYE CAJA DE MEDIDOR. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1.00	$ 585,678.00	$ 585,678.00
5.00	**VARIOS**				**$ 1,758,479.71**
5.1	ASEO GENERAL TANTO DE LA PARTE INTERNA COMO EXTERNA Y DONDE SE HAYAN REALIZADO ACTIVIDADES PARA PODER EJECUTAR LA OBRA. (INCLUYE RETIRO DE SOBRANTES AL REALIZAR EL ASEO)	M2	361.01	$ 4,871.00	$ 1,758,479.71
				TOTAL COSTO DIRECTO OBRA OFICINA CARMEN DE BOLIVAR	**$ 290,825,857.00**

	MOBILIARIO OFICINA LOCAL DE MAGANGUÉ				
1.00	**MOBILIARIO**				**$ 9,968,105.00**
1-1	ESCRITORIO EN L PARA OFICINA CON CAJONERA DE 150X150X60CM. SUPERFICIE LISA ELABORADA EN MADECOR DE 25MM TERMOSELLADO CON PVC, FALDERO EN FORMICA DE 15MM CON CANTO RÍGIDO EN PVC CON MEDIDAS 90X60CM, TUBOS CUADRADOS PINTADO CON ELECTROSTATICA Y CAJONERA DE 2X1 METÁLICA EN LAMINA COLD ROLLED CON SISTEMA DE GAVETAS CON CHAPA TRAMPA Y CORREDERAS.	und	5.00	$ 940,660.00	$ 4,703,300.00
1-2	SILLAS OPERATIVA ERGONÓMICA GRADUABLE PARA USO DE OFICINA. ESTAS DEBEN CUMPLIR CON EL MANUAL DE ESTANDARIZACIÓN DE ESPACIOS DE TRABAJO PARA ENTIDADES DEL ESTADO.	und	8.00	$ 353,478.00	$ 2,827,824.00
1-3	SILLAS INTERLOCUTORAS TIPO ISOSCELES O SIMILAR PARA USO DE OFICINA. ESTAS DEBEN CUMPLIR CON EL MANUAL DE ESTANDARIZACIÓN DE ESPACIOS DE TRABAJO PARA ENTIDADES DEL ESTADO.	und	6.00	$ 182,420.00	$ 1,094,520.00
1-4	ESTANTERÍAS. ESTRUCTURA METÁLICA EN LÁMINA COLD ROLLED CALIBRE 16 ACABADO EN PINTURA EN POLVO ELECTROSTÁTICA HORNEABLE DE ALTA RESISTENCIA Y ENTREPAÑOS GRADUABLES EN LÁMINA CALIBRE 22. ESTAS DEBEN CUMPLIR CON EL MANUAL DE ESTANDARIZACIÓN DE ESPACIOS DE TRABAJO PARA ENTIDADES DEL ESTADO.	und	3.00	$ 447,487.00	$ 1,342,461.00
				TOTAL, COSTO DIRECTO MOBILIARIO OFICINA MAGANGUE	**$ 9,968,105.00**
				IVA MOBILIARIO 19%	**$ 1,893,939.95**
				TOTAL, COSTO MOBILIARIO	**$ 11,862,044.95**
				TOTAL, COSTO DIRECTO OBRA OFICINAS MAGANGUE Y CARMEN DE BOLIVAR	**$ 863,421,660.98**
				ADMINISTRACIÓN (24%)	**$ 207,221,198.64**

	IMPREVISTOS (1%)	$ 8,634,216.61
	UTILIDAD (5%)	$ 43,171,083.05
	IVA 19%	$ 8,202,505.78
	TOTAL, COSTO OBRA	$ 1,130,650,665.06
	TOTAL, PROYECTO	$ 1,142,512,710.01



GESTION RURAL Y URBANA SAS
NIT 830.128.894-1
R.L./GILDARDO CASTILLO SÁNCHEZ
C.C. 19.265.723 DE BOGOTÁ D.C.
(persona natural; representante legal de la sociedad; representante del consorcio o unión temporal o apoderado según el caso)

APUs

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM		**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
Localización y replanteo	**m2**	**815.90**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 60.73	$ 60.73
	EQUIPO TOPOGRAFÍA (TRANSITO, NIVEL ,MANGUERAS, PLOMADAS, CINTA)	DIA	0.01	$168,000	$ 840.00
	BROCHA 2"	UN	0.00	$ 7,737.00	$ 0.77
					$ 0.00
				SUBTOTAL	**$ 901.50**

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LISTÓN 2" x 4"	M	0.03	$ 12,468.00	$ 374.04
	LISTÓN 1" x 2"	M	0.03	$ 3,304.00	$ 99.12
	PUNTILLA 1 1/2" a 3"	LB	0.002	$ 4,665.00	$ 9.33
	DISOLVENTE	GLN	0.002	$ 62,900.00	$ 125.80
	PINTURA ESMALTE PINTULUX	GLN	0.002	$ 105,889.00	$ 211.78
					$ 0.00
				SUBTOTAL	**$ 820.07**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0	$ 36,485.00	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	COMISION TOPOGRAFÍA (Inc. Topografo y Cadenero)	JR	0.00	$ 595,811.00	$ 1,214.58
				SUBTOTAL	**$ 1,214.58**
				TOTAL COSTO DIRECTO	**$ 3,301.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 792.24
IMPREVISTOS	1%	$ 33.01
UTILIDAD	5%	$ 165.05
IVA SOBRE LA UTILIDAD	19%	$ 31.36
	TOTAL COSTOS INDIRECTOS	**$ 1,021.66**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 4,322.66**
	TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
Desmonte de ventanas	**m2**	**4.88**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 458.13	$ 458.13
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS.)	DIA	0.32	$6,500	$ 2,080.00
	ALMADANA 4 lb	UN	0.00	$ 90,000.00	$ 54.00
	CINCEL 3/4" ACERO TEMPLADO	UN	0.00	$ 28,700.00	$ 17.22
				SUBTOTAL	**$ 2,609.35**

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
					$ 0.00
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.06	$ 155,662.33	$ 9,162.65
				SUBTOTAL	**$ 9,162.65**
				TOTAL COSTO DIRECTO	**$ 11,772.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,825.28
IMPREVISTOS	1%	$ 117.72
UTILIDAD	5%	$ 588.60
IVA SOBRE LA UTILIDAD	19%	$ 111.83
	TOTAL COSTOS INDIRECTOS	**$ 3,643.43**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 15,415.43**
	TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre:
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Matricula No. :

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Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,3**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DEMOLICIÓN MANUAL DE MESÓN EN CONCRETO	**M2**	**1.80**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 984.61	$ 984.61
	ALMADANA 4 lb	UN	0.00	$90,000	$ 261.00
	CINCEL 3/4" ACERO TEMPLADO	UN	0.00	$28,700	$ 83.23
					$ 0.00
				SUBTOTAL	**$ 1,328.84**

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
					$ 0.00
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.32	$ 62,264.93	$ 19,692.16
				SUBTOTAL	**$ 19,692.16**
				TOTAL COSTO DIRECTO	**$ 21,021.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 5,045.04
IMPREVISTOS	1%	$ 210.21
UTILIDAD	5%	$ 1,051.05
IVA SOBRE LA UTILIDAD	19%	$ 199.70
	TOTAL COSTOS INDIRECTOS	**$ 6,506.00**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 27,527.00**
	TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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Aprobación Interventoría

Firma
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Firma
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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,4**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE APARATO SANITARIO	**UND**	**5.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,356.57	$ 1,356.57
					$ 0.00
					$ 0.00
					$ 0.00
				SUBTOTAL	**$ 1,356.57**

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
					$ 0.00
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO		0.22	$ 124,529.87	$ 27,131.43
				SUBTOTAL	**$ 27,131.43**
				TOTAL COSTO DIRECTO	**$ 28,488.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 6,837.12
IMPREVISTOS	1%	$ 284.88
UTILIDAD	5%	$ 1,424.40
IVA SOBRE LA UTILIDAD	19%	$ 270.64
TOTAL COSTOS INDIRECTOS		**$ 8,817.04**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 37,305.04**
TOTAL NÚMERO DE FOLIOS		

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,5**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE LAVAMANOS	**UND**	**4.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 823.62	$ 823.62
					$ 0.00
					$ 0.00
					$ 0.00
				SUBTOTAL	**$ 823.62**

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
					$ 0.00
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO		0.13	$ 124,529.87	$ 16,472.38
				SUBTOTAL	**$ 16,472.38**
				TOTAL COSTO DIRECTO	**$ 17,296.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,151.04
IMPREVISTOS	1%	$ 172.96
UTILIDAD	5%	$ 864.80
IVA SOBRE LA UTILIDAD	19%	$ 164.31
	TOTAL COSTOS INDIRECTOS	**$ 5,353.11**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 22,649.11**
	TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM		**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
	M3	**40.85**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 225.76	$ 225.76
	DESTORNILLADOR	UN	0.0	$ 15,340.00	$ 10.74
	ESPÁTULA DE METAL 2"	UN	0.0	$ 16,183.00	$ 11.33
					$ 0.00
				SUBTOTAL	**$ 247.83**

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
					$ 0.00
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 0-2		0.04	$ 124,529.87	$ 4,515.17
				SUBTOTAL	**$ 4,515.17**
				TOTAL COSTO DIRECTO	**$ 4,763.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,143.12
IMPREVISTOS	1%	$ 47.63
UTILIDAD	5%	$ 238.15
IVA SOBRE LA UTILIDAD	19%	$ 45.25
TOTAL COSTOS INDIRECTOS		**$ 1,474.15**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 6,237.15**

TOTAL NÚMERO DE FOLIOS

Contratista		**Aprobación Interventoría**	
Firma		Firma	
Nombre:	GILDARDO CASTILLO SÁNCHEZ	Nombre:	
Representante Legal del Contratista o su Apoderado		Representante Legal del Interventor o su Apoderado	
Nombre de la empresa	GRU S.A.S.	Nombre de la empresa	
Matricula No. :		Matricula No. :	

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor		**Apoyo a la Supervisión**	
Firma		Firma	
Nombre:		Nombre:	

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1,7	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DEMOLICIÓN MANUAL DE ENCHAPE O PAÑETE (REVOQUE)	M2	49.12

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 457.56	$ 457.56
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.1	$6,500	$ 650.00
	ALMADANA 4 lb	UN	0.0014	$90,000	$ 126.00
	CINCEL 3/4" ACERO TEMPLADO	UN	0.0014	$28,700	$ 40.18
				SUBTOTAL	$ 1,273.74

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.15	$ 62,264.93	$ 9,151.26
				SUBTOTAL	$ 9,151.26

TOTAL COSTO DIRECTO	$ 10,425.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,502.00
IMPREVISTOS	1%	$ 104.25
UTILIDAD	5%	$ 521.25
IVA SOBRE LA UTILIDAD	19%	$ 99.04
	TOTAL COSTOS INDIRECTOS	$ 3,226.54
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	$ 13,651.54

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

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Apoyo a la Supervisión

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1,8	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE DE MARCOS Y PUERTAS	UND	13.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 646.90	$ 646.90
				SUBTOTAL	$ 646.90

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.08	$ 155,662.33	$ 12,938.10
				SUBTOTAL	$ 12,938.10

TOTAL COSTO DIRECTO	$ 13,585.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 3,260.40
IMPREVISTOS	1%	$ 135.85
UTILIDAD	5%	$ 679.25
IVA SOBRE LA UTILIDAD	19%	$ 129.06
	TOTAL COSTOS INDIRECTOS	$ 4,204.56
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	$ 17,789.56

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Supervisor

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,9**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE POCETA EN ACERO INOXIDABLE	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 823.62	$ 823.62
				SUBTOTAL	$ 823.62

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.13	$ 124,529.87	$ 16,472.38
				SUBTOTAL	**$ 16,472.38**

TOTAL COSTO DIRECTO	**$ 17,296.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,151.04
IMPREVISTOS	1%	$ 172.96
UTILIDAD	5%	$ 864.80
IVA SOBRE LA UTILIDAD	19%	$ 164.31
TOTAL COSTOS INDIRECTOS		**$ 5,353.11**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 22,649.11**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1,10	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE Y REINSTALACION DE ARCHIVADORES, CONSISTE EN LA REUBICACION DE LOS ARCHIVADORES EN EL AREA DOCUMENTAL, ESTO CON EL FIN DE REDISTRIBUIR EL ESPCIO ACORDE CON EL ACUERDO 049 DE 2000 REPOSITORÍO	M2	40.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 71.86	$ 71.86
				SUBTOTAL	$ 71.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 0-2	JR	0.01	$ 124,529.87	$ 1,437.14
				SUBTOTAL	$ 1,437.14

TOTAL COSTO DIRECTO	$ 1,509.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 362.16
IMPREVISTOS	1%	$ 15.09
UTILIDAD	5%	$ 75.45
IVA SOBRE LA UTILIDAD	19%	$ 14.34
TOTAL COSTOS INDIRECTOS		$ 467.04
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 1,976.04

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,11**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
INSTALACION DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO	**M**	**190.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 122.55	$ 122.55
				SUBTOTAL	$ 122.55

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CLAVO COMUN 1". CAJA x 500gr	UN	0.035	$9,900	$ 346.50
	CABLE GALVANIZADO CALIBRE 1/16" ROLLO DE 200M	M	2.1	$1,250	$ 2,625.00
	TELA VERDE TEJIDA DE POLIPROPILENO DE ALTA	M	1.05	$2,200	$ 2,310.00
	ESTACÓN EN MADERA COMÚN FIJACIÓN VERTICAL	M	1	$10,000	$ 10,000.00
	CONCRETO DE 17,5MPA	M3	0.0094248	$325,000	$ 3,063.06
				SUBTOTAL	**$ 18,344.56**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO INTERNO	M3	0.02	$18,900	$ 378.00
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	0.02	$39,990	$ 799.80
				SUBTOTAL	**$ 1,177.80**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.02	$ 62,264.93	$ 980.44
	OFICIAL	JR	0.02	$ 93,397.40	$ 1,470.65
				SUBTOTAL	**$ 2,451.09**

TOTAL COSTO DIRECTO	**$ 22,096.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 5,303.04
IMPREVISTOS	1%	$ 220.96
UTILIDAD	5%	$ 1,104.80
IVA SOBRE LA UTILIDAD	19%	$ 209.91
TOTAL COSTOS INDIRECTOS		**$ 6,838.71**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 28,934.71**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,12**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE CANAL EN LÁMINA Ó PVC	**M**	**28.38**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 139.59	$ 139.59
	KIT ARNÉS PARA ALTURAS	UN	0.0005	$664,852	$ 332.43
	SOGA - MANILA POLIPROPILENO de 3/4"	M	0.0117	$4,126	$ 48.27
	ANDAMIO METALICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS.)	Dia	0.2	$6,500	$ 1,300.00
				SUBTOTAL	$ 1,820.29

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.04	$ 62,264.93	$ 2,791.71
		JR	0.04		
				SUBTOTAL	**$ 2,791.71**

TOTAL COSTO DIRECTO	**$ 4,612.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,106.88
IMPREVISTOS	1%	$ 46.12
UTILIDAD	5%	$ 230.60
IVA SOBRE LA UTILIDAD	19%	$ 43.81
TOTAL COSTOS INDIRECTOS		**$ 1,427.41**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 6,039.41**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Nombre:

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1,13	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE DE CIELO RASO	M2	350.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 309.76	$ 309.76
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.22	$6,500	$ 1,430.00
				SUBTOTAL	$ 1,739.76

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-4	JR	0.02	$ 342,457.13	$ 6,195.24
				SUBTOTAL	$ 6,195.24

TOTAL COSTO DIRECTO	$ 7,935.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,904.40
IMPREVISTOS	1%	$ 79.35
UTILIDAD	5%	$ 396.75
IVA SOBRE LA UTILIDAD	19%	$ 75.38
TOTAL COSTOS INDIRECTOS		$ 2,455.88
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 10,390.88

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Nombre:

Apoyo a la Supervisión

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,14**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
DESMONTE DE CORTINAS, PERSIANAS Y CORTINEROS.	**M2**	**34.13**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 459.43	$ 459.43
				SUBTOTAL	$ 459.43

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ESCALERA DE ALUMINIO EN TIJERA 6 PASOS	UN	0.0005	$325,000	$ 162.50
	MARTILLO	UN	0.0005	$32,300	$ 16.15
	DESTORNILLADOR	UN	0.0005	$15,340	$ 7.67
				SUBTOTAL	**$ 186.32**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-2	JR	0.04	$ 217,927.27	$ 9,188.55
				SUBTOTAL	**$ 9,188.55**

TOTAL COSTO DIRECTO	**$ 10,564.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,535.36
IMPREVISTOS	1%	$ 105.64
UTILIDAD	5%	$ 528.20
IVA SOBRE LA UTILIDAD	19%	$ 100.36
TOTAL COSTOS INDIRECTOS		**$ 3,269.56**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 13,833.56**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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Aprobación Interventoría

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1,15	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE DE AIRE ACONDICIONADO	UND	3.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 6,478.19	$ 6,478.19
	ESCALERA DE ALUMINIO EN TIJERA 6 PASOS	UN	0.0042	$325,000	$ 1,365.00
				SUBTOTAL	$ 7,843.19

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.83	$ 155,662.33	$ 129,563.81
				SUBTOTAL	$ 129,563.81

TOTAL COSTO DIRECTO	$ 137,407.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 32,977.68
IMPREVISTOS	1%	$ 1,374.07
UTILIDAD	5%	$ 6,870.35
IVA SOBRE LA UTILIDAD	19%	$ 1,305.37
TOTAL COSTOS INDIRECTOS		$ 42,527.47
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 179,934.47

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,16**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE CERRAMIENTO EN ALAMBRE DE PUAS CON POSTES DE MADERA	**M**	**90.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 314.84	$ 314.84
	BARRA AGRÍCOLA	UN	0.0002	$100,284	$ 20.06
	CIZALLA CORTAPERNOS 24"	UN	0.0001	$133,818	$ 13.38
				SUBTOTAL	$ 348.28

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-4	JR	0.02	$ 342,457.13	$ 6,296.72
		JR			
				SUBTOTAL	**$ 6,296.72**

TOTAL COSTO DIRECTO	**$ 6,645.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,594.80
IMPREVISTOS	1%	$ 66.45
UTILIDAD	5%	$ 332.25
IVA SOBRE LA UTILIDAD	19%	$ 63.13
TOTAL COSTOS INDIRECTOS		**$ 2,056.63**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 8,701.63**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,17**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
RETIRO Y BOTADA DE ESCOMBROS. INCLUYE CARGUE, TRANSPORTE Y BOTADA DE MATERIAL.	**M3**	**100.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 894.71	$ 894.71
				SUBTOTAL	$ 894.71

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	VOLQUETA DE 6M3	HR	0.25	$81,472	$ 20,368.00
				SUBTOTAL	**$ 20,368.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.29	$ 62,264.93	$ 17,894.29
				SUBTOTAL	**$ 17,894.29**

TOTAL COSTO DIRECTO	**$ 39,157.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 9,397.68
IMPREVISTOS	1%	$ 391.57
UTILIDAD	5%	$ 1,957.85
IVA SOBRE LA UTILIDAD	19%	$ 371.99
TOTAL COSTOS INDIRECTOS		**$ 12,119.09**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 51,276.09**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,18**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
ROCERIA Y LIMPIEZA MANUAL Y/O CON EQUIPO, CONTROL DE MALEZA Y CRECIMIENTO DE MATERIAL VEGETAL (INCLUYE RETIRO Y DISPOSICIÓN FINAL)	**M2**	**1201.18**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA		$ 0.00	$ 0.00
	MACHETE 18"	Un	0.0001	$21,383	$ 2.14
	ESCOBA PARA CÉSPED	Un	0.0001	$28,229	$ 2.82
	CARRETA LLANTA NEUMÁTICA	Un	0.0001	$301,171	$ 30.12
	GUADAÑADORA/CORTADORA DE CESPED INCLUYE: COMBUSTIBLE Y TRANSPORTE	Día	0.004	$46,744	$ 186.98
				SUBTOTAL	$ 222.06

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3*KM	1.140179964	$1,667	$ 1,900.68
				SUBTOTAL	**$ 1,900.68**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.00	$ 155,662.33	$ 62.26
				SUBTOTAL	**$ 62.26**

TOTAL COSTO DIRECTO	**$ 2,185.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 524.40
IMPREVISTOS	1%	$ 21.85
UTILIDAD	5%	$ 109.25
IVA SOBRE LA UTILIDAD	19%	$ 20.76
TOTAL COSTOS INDIRECTOS		**$ 676.26**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 2,861.26**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1,19	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE DE TEJA DE ASBESTO CEMENTO EXISTENTE. LA MANO DE OBRA INCLUYE LOS ELEMENTOS REQUERIDOS DE PROTECCIÓN PARA EL MANEJO DE ESTA TEJA. INCLUYE MANEJO ESPECIAL, CARGUE, TRANSPORTE Y BOTADA ESPECIAL	M2	381.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 175.78	$ 175.78
	MONTACARGA	DIA	0.0125	$85,542	$ 1,069.28
	ANDAMIO METALICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS.)	Dia	0.0125	$6,500	$ 81.25
				SUBTOTAL	$ 1,326.31

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PLÁSTICO NEGRO	M2	1.05	$1,515	$ 1,590.75
				SUBTOTAL	**$ 1,590.75**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3*KM	0.3	$1,667	$ 500.10
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.015	$7,545	$ 113.18
				SUBTOTAL	**$ 613.28**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 0-3	JR	0.02	$ 186,794.80	$ 3,515.67
				SUBTOTAL	**$ 3,515.67**

TOTAL COSTO DIRECTO	**$ 7,046.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,691.04
IMPREVISTOS	1%	$ 70.46
UTILIDAD	5%	$ 352.30
IVA SOBRE LA UTILIDAD	19%	$ 66.94
TOTAL COSTOS INDIRECTOS		**$ 2,180.74**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 9,226.74**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Apoyo a la Supervisión

Firma
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,20**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE ESTRUCTURA DE CUBIERTA EXISTENTE. INCLUYE MANO DE OBRA DE DESINSTALACION, CARGUE, TRANSPORTE Y BOTADA CON DERECHO A BOTADERO	**M2**	**381.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 126.56	$ 126.56
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS.)	Dia	0.008333333	$6,500	$ 54.17
	EQUIPO OXICORTE	HR	0.008333333	$20,831	$ 173.59
				SUBTOTAL	$ 354.32

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3*KM	2	$1,667	$ 3,334.00
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.1	$7,545	$ 754.50
				SUBTOTAL	**$ 4,088.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.02	$ 155,662.33	$ 2,531.18
				SUBTOTAL	**$ 2,531.18**

TOTAL COSTO DIRECTO	**$ 6,974.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,673.76
IMPREVISTOS	1%	$ 69.74
UTILIDAD	5%	$ 348.70
IVA SOBRE LA UTILIDAD	19%	$ 66.25
TOTAL COSTOS INDIRECTOS		**$ 2,158.45**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 9,132.45**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre:

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,21**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE ESCRITORIOS Y SILLAS.INCLUYE MOVERLOS O TRASLADARLOS A SITIO DE ACOPIO DEBIDAMENTE ENVUELTOS EN PLÁSTICO	**UND**	**10.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 747.49	$ 747.49
				SUBTOTAL	$ 747.49

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PLÁSTICO NEGRO	M2	0.65	$1,515	$ 984.75
				SUBTOTAL	**$ 984.75**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TRANSPORTE	GL	1	$2,500	$ 2,500.00
				SUBTOTAL	**$ 2,500.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 0-2	JR	0.12	$ 124,529.87	$ 14,949.76
				SUBTOTAL	**$ 14,949.76**

TOTAL COSTO DIRECTO	**$ 19,182.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,603.68
IMPREVISTOS	1%	$ 191.82
UTILIDAD	5%	$ 959.10
IVA SOBRE LA UTILIDAD	19%	$ 182.23
TOTAL COSTOS INDIRECTOS		**$ 5,936.83**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 25,118.83**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Supervisor

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1,22	CÓDIGO	

Descripción	Unidad de medida	Cantidad
PODA DE RAMAS	UND	30.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 704.15	$ 704.15
				SUBTOTAL	$ 704.15

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	RESINA CICATRIZANTE PARA HERIDAS, PODAS E	KG	1	$32,000	$ 32,000.00
				SUBTOTAL	**$ 32,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIÓN 350	HR	0.05	$58,375	$ 2,918.75
				SUBTOTAL	**$ 2,918.75**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.09	$ 155,662.33	$ 14,083.10
				SUBTOTAL	**$ 14,083.10**

TOTAL COSTO DIRECTO	**$ 49,706.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 11,929.44
IMPREVISTOS	1%	$ 497.06
UTILIDAD	5%	$ 2,485.30
IVA SOBRE LA UTILIDAD	19%	$ 472.21
TOTAL COSTOS INDIRECTOS		**$ 15,384.01**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 65,090.01**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1,23**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DEMOLICION PISOS, ANDENES, CUNETAS Y BORDILLOS DE CONCRETO, EN CUALQUIER ESPESOR. INCLUYE: RETIRO DE MALLA DE REFUERZO SI EXISTE, COMPRESOR NEUMÁTICO CON MARTILLO, ADEMÁS RECUPERACIÓN DE LO MATERIALES	**M3**	**5.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 958.68	$ 958.68
	PROTECTOR AUDITIVO TIPO COPA	Un	0.001	$34,554	$ 34.55
	COMPRESOR NEUMÁTICO 1 MARTILLO	Hr	0.001	$182,438	$ 182.44
	EQUIPO OXICORTE	HR	0.445	$20,831	$ 9,269.80
	ALMADANA 4 lb	UN	0.0012	$90,000	$ 108.00
				SUBTOTAL	$ 10,553.47

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-3	JR	0.07	$ 280,192.20	$ 19,173.53
				SUBTOTAL	**$ 19,173.53**

TOTAL COSTO DIRECTO	**$ 29,727.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 7,134.48
IMPREVISTOS	1%	$ 297.27
UTILIDAD	5%	$ 1,486.35
IVA SOBRE LA UTILIDAD	19%	$ 282.41
TOTAL COSTOS INDIRECTOS		**$ 9,200.51**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 38,927.51**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**2,1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
EXCAVACIÓN MANUAL H= 0-2 M. INCLUYE CARGUE Y RETIRO.	**M3**	**87.75**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,477.60	$ 1,477.60
	CARRETA BUGGIE, PALA, ZAPAPICO	UN	0.0012	$392,549	$ 471.06
				SUBTOTAL	$ 1,948.66

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CINTA DE SEÑALIZACIÓN a=7 cm	M	1	$167	$ 167.00
	POSTE DE SEÑALIZACIÓN EN MADERA PINTADO +	UN	0.05	$21,765	$ 1,088.25
				SUBTOTAL	**$ 1,255.25**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3*KM	11	$1,667	$ 18,337.00
				SUBTOTAL	**$ 18,337.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-2	JR	0.14	$ 217,927.27	$ 29,552.09
				SUBTOTAL	**$ 29,552.09**

TOTAL COSTO DIRECTO	**$ 51,093.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 12,262.32
IMPREVISTOS	1%	$ 510.93
UTILIDAD	5%	$ 2,554.65
IVA SOBRE LA UTILIDAD	19%	$ 485.38
TOTAL COSTOS INDIRECTOS		**$ 15,813.28**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 66,906.28**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**2,2**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
LLENO COMPACTADO CON RECEBO COMÚN	**M3**	**16.54**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	0.0	$ 36.80	$ 1.55
	CARRETA BUGGIE, PALA, ZAPAPICO	UN	0.0018	$392,549	$ 706.59
	COMPACTADOR MANUAL (RANA)	DIA	0.042	$52,296	$ 2,196.43
				SUBTOTAL	$ 2,904.57

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	RECEBO COMÚN	M3	1.3	$75,000	$ 97,500.00
	AGUA	LTR	18	$67	$ 1,206.00
	GASOLINA	GLN	0.042	$15,544	$ 652.85
				SUBTOTAL	**$ 99,358.85**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-3	JR	0.06	$ 280,192.20	$ 17,523.59
				SUBTOTAL	**$ 17,523.59**

TOTAL COSTO DIRECTO	**$ 119,787.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 28,748.88
IMPREVISTOS	1%	$ 1,197.87
UTILIDAD	5%	$ 5,989.35
IVA SOBRE LA UTILIDAD	19%	$ 1,137.98
TOTAL COSTOS INDIRECTOS		**$ 37,074.08**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 156,861.08**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	3,1	CÓDIGO	

Descripción	Unidad de medida	Cantidad
MANTENIMIENTO CERRAMIENTO EXISTENTE EN PINTURA ANTICORROSIVA Y ACABADO EN ESMALTE PARA EXTERIORES.	M	90.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 230.97	$ 230.97
				SUBTOTAL	$ 230.97

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	GUANTES DE VINILO	Par	0.0015	$788	$ 1.18
	DISOLVENTE	GLN	0.025	$62,900	$ 1,572.50
	PINTURA ESMALTE PINTULUX	GLN	0.05	$105,889	$ 5,294.45
	PINTURA ANTICORROSIVA PREMIUM	GLN	0.05	$91,000	$ 4,550.00
				SUBTOTAL	$ 11,418.13

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.03	$36,485	$ 1,094.55
				SUBTOTAL	$ 1,094.55

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.03	$ 155,662.33	$ 4,619.35
				SUBTOTAL	$ 4,619.35

TOTAL COSTO DIRECTO	$ 17,363.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,167.12
IMPREVISTOS	1%	$ 173.63
UTILIDAD	5%	$ 868.15
IVA SOBRE LA UTILIDAD	19%	$ 164.95
TOTAL COSTOS INDIRECTOS		$ 5,373.85
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 22,736.85

TOTAL NÚMERO DE FOLIOS	

Contratista		Aprobación Interventoría	
Firma		Firma	
Nombre:	GILDARDO CASTILLO SÁNCHEZ	Nombre:	
Representante Legal del Contratista o su Apoderado		Representante Legal del Interventor o su Apoderado	
Nombre de la empresa	GRU S.A.S.	Nombre de la empresa	
Matricula No. :		Matricula No. :	

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor		Apoyo a la Supervisión	
Firma		Firma	
Nombre:		Nombre:	

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
CERRAMIENTO EN TUBO REDONDO GALVANIZADO DE 2". INCLUYE PATA DE ANCLAJE Y TAPON METALICO PINTADO CON PINTURA ANTICORROSIVA Y ACABADO EN ESMALTE PARA EXTERIORES.	**M**	**90.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,996.96	$ 1,996.96
	CARRETA BUGGIE, PALA, ZAPAPICO	UN	0.0022	$392,549	$ 863.61
	CIZALLA CORTAPERNOS 24"	UN	0.0022	$133,818	$ 294.40
				SUBTOTAL	$ 3,154.97

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO REDONDO GALVANIZADO DE 2"	M	4.6	$143,900	$ 661,940.00
	PINTURA ANTICORROSIVA PREMIUM	GLN	0.05	$91,000	$ 4,550.00
	PINTURA ESMALTE PINTULUX	GLN	0.05	$105,889	$ 5,294.45
				SUBTOTAL	**$ 671,784.45**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIÓN PLATAFORMA 10 Ton	HR	0.0331	$100,946	$ 3,341.31
				SUBTOTAL	**$ 3,341.31**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-3	JR	0.14	$ 280,192.20	$ 39,939.27
				SUBTOTAL	**$ 39,939.27**

TOTAL COSTO DIRECTO	**$ 718,220.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 172,372.80
IMPREVISTOS	1%	$ 7,182.20
UTILIDAD	5%	$ 35,911.00
IVA SOBRE LA UTILIDAD	19%	$ 6,823.09
TOTAL COSTOS INDIRECTOS		**$ 222,289.09**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 940,509.09**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3,3**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
ACERO PARA REFUERZO	**KG**	**3492.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 41.53	$ 41.53
	TRONZADORA	UN	0.000021	$1,028,585	$ 21.60
	CIZALLA CORTAPERNOS 24"	UN	0.000021	$133,818	$ 2.81
	SEGUETA BIMETALICA	UN	0.000042	$5,055	$ 0.21
				SUBTOTAL	$ 66.15

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACERO 420 Mpa	KG	1.04	$5,121	$ 5,325.84
	ALAMBRE NEGRO N° 18	KG	0.03	$5,900	$ 177.00
	DISTANCIADOR DE CONCRETO	UN	0.15	$609	$ 91.35
				SUBTOTAL	**$ 5,594.19**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.01	$ 62,264.93	$ 830.66
				SUBTOTAL	**$ 830.66**

TOTAL COSTO DIRECTO	**$ 6,491.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,557.84
IMPREVISTOS	1%	$ 64.91
UTILIDAD	5%	$ 324.55
IVA SOBRE LA UTILIDAD	19%	$ 61.66
TOTAL COSTOS INDIRECTOS		**$ 2,008.96**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 8,499.96**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3,4**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
CONCRETO DE 3000 PSI	**M3**	**30.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 6,905.75	$ 6,905.75
	BROCHA 4"	UN	0.0108	$15,888	$ 171.59
	CARRETA LLANTA NEUMÁTICA	Un	0.0108	$301,171	$ 3,252.65
	PALA REDONDA CON CABO	UN	0.0108	$33,495	$ 361.75
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.054	$53,997	$ 2,915.84
	VIBRADOR ELÉCTRICO PARA CONCRETO	DIA	0.125	$105,200	$ 13,150.00
				SUBTOTAL	$ 26,757.58

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	FORMALETA	M2	0.06	$72,835	$ 4,370.10
	SEPAROL N (DESFORMALETEANTE PARA FÁCIL	KG	0.006	$14,387	$ 86.32
	CONCRETO 20.7 MPA	M3	1.03	$533,035	$ 549,026.05
				SUBTOTAL	**$ 553,482.47**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-4	JR	0.40	$ 342,457.13	$ 138,114.95
				SUBTOTAL	**$ 138,114.95**
				TOTAL COSTO DIRECTO	**$ 718,355.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 172,405.20
IMPREVISTOS	1%	$ 7,183.55
UTILIDAD	5%	$ 35,917.75
IVA SOBRE LA UTILIDAD	19%	$ 6,824.37
	TOTAL COSTOS INDIRECTOS	**$ 222,330.87**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 940,685.87**
	TOTAL NÚMERO DE FOLIOS	

Contratista		**Aprobación Interventoría**	
Firma		Firma	
Nombre:	GILDARDO CASTILLO SÁNCHEZ	Nombre:	
Representante Legal del Contratista ó su Apoderado		Representante Legal del Interventor o su Apoderado	
Nombre de la empresa	GRU S.A.S.	Nombre de la empresa	
Matricula No. :		Matricula No. :	

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor		**Apoyo a la Supervisión**	
Firma		Firma	
Nombre:		Nombre:	

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3,5**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SOLADO EN CONCRETO CICLOPEO	**M3**	**15.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,388.25	$ 1,388.25
	CARRETA BUGGIE, PALA, ZAPAPICO	UN	0.0055	$392,549	$ 2,159.02
	PALUSTRE	UN	0.0028	$13,796	$ 38.63
				SUBTOTAL	$ 3,585.90

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CONCRETO 13.8 Mpa	M3	1.05	$433,000	$ 454,650.00
				SUBTOTAL	**$ 454,650.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-2	JR	0.13	$ 217,927.27	$ 27,765.10
				SUBTOTAL	**$ 27,765.10**

TOTAL COSTO DIRECTO	**$ 486,001.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 116,640.24
IMPREVISTOS	1%	$ 4,860.01
UTILIDAD	5%	$ 24,300.05
IVA SOBRE LA UTILIDAD	19%	$ 4,617.01
TOTAL COSTOS INDIRECTOS		**$ 150,417.31**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 636,418.31**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
TUBERÍA CPVC PRESIÓN Ø= 1/2" (INCL. ACCESORIOS)	**M**	**60.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 104.56	$ 104.56
				SUBTOTAL	$ 104.56

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBERÍA PRESIÓN CPVC 1/2"	M	1.05	$8,945	$ 9,392.25
	CODO PRESIÓN CPVC 1/2"	UN	0.17	$1,998	$ 339.66
	UNIÓN PRESIÓN CPVC 1/2"	UN	0.17	$1,880	$ 319.60
	LIMPIADOR PVC (1/4 Gal)	UN	0.005	$62,341	$ 311.71
	SOLDADURA CPVC (1/4 Gal)	UN	0.005	$138,627	$ 693.14
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.02	$8,862	$ 177.24
				SUBTOTAL	**$ 11,233.59**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.02	$ 124,529.87	$ 2,091.15
				SUBTOTAL	**$ 2,091.15**

TOTAL COSTO DIRECTO	**$ 14,159.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 3,398.16
IMPREVISTOS	1%	$ 141.59
UTILIDAD	5%	$ 707.95
IVA SOBRE LA UTILIDAD	19%	$ 134.51
TOTAL COSTOS INDIRECTOS		**$ 4,382.21**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 18,541.21**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
TUBERÍA PVC PRESIÓN Ø= 2" (INCL. ACCESORIOS)	**M**	**20.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 71.51	$ 71.51
				SUBTOTAL	$ 71.51

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBERÍA SANITARIA PVC 2"	M	1.05	$15,732	$ 16,518.60
	CODO SANITARIO PVC 2" x 90° CxC	UN	0.17	$4,194	$ 712.98
	UNIÓN SANITARIA PVC 2"	UN	0.17	$3,382	$ 574.94
	LIMPIADOR PVC (1/4 Gal)	UN	0.005	$62,341	$ 311.71
	SOLDADURA CPVC (1/4 Gal)	UN	0.005	$138,627	$ 693.14
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.02	$8,862	$ 177.24
				SUBTOTAL	**$ 18,988.60**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.011484677	$ 124,529.87	$ 1,430.19
				SUBTOTAL	**$ 1,430.19**

TOTAL COSTO DIRECTO	**$ 21,220.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 5,092.80
IMPREVISTOS	1%	$ 212.20
UTILIDAD	5%	$ 1,061.00
IVA SOBRE LA UTILIDAD	19%	$ 201.59
TOTAL COSTOS INDIRECTOS		**$ 6,567.59**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 27,787.59**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,3**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
TUBERÍA PVC SANITARIA Ø= 3" (INCL. ACCESORIOS)	**M**	**20.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 161.23	$ 161.23
				SUBTOTAL	$ 161.23

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBERÍA SANITARIA PVC 3"	M	1.05	$23,499	$ 24,673.95
	CODO SANITARIO PVC 3" x 90° CxC	UN	0.17	$9,714	$ 1,651.38
	UNIÓN SANITARIA PVC 3"	UN	0.17	$4,883	$ 830.11
	LIMPIADOR PVC (1/4 Gal)	UN	0.005	$62,341	$ 311.71
	SOLDADURA CPVC (1/4 Gal)	UN	0.005	$138,627	$ 693.14
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.02	$8,862	$ 177.24
				SUBTOTAL	**$ 28,337.52**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.03	$ 124,529.87	$ 3,224.55
				SUBTOTAL	**$ 3,224.55**

TOTAL COSTO DIRECTO	**$ 32,453.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 7,788.72
IMPREVISTOS	1%	$ 324.53
UTILIDAD	5%	$ 1,622.65
IVA SOBRE LA UTILIDAD	19%	$ 308.30
TOTAL COSTOS INDIRECTOS		**$ 10,044.20**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 42,497.20**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,4**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
PUNTO HIDRÁULICO CPVC DE 1/2" (3 M)	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,003.55	$ 1,003.55
				SUBTOTAL	$ 1,003.55

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	BÚJE SOLDADO CPVC 3/4" x 1/2"	UN	0.03	$2,150	$ 64.50
	TUBERÍA PRESIÓN CPVC 1/2"	M	3.2	$8,945	$ 28,624.00
	CODO PRESIÓN CPVC 1/2"	UN	1	$1,998	$ 1,998.00
	TEE PRESIÓN CPVC 1/2"	UN	2.33	$2,850	$ 6,640.50
	ADAPTADOR MACHO CPVC 1/2"	UN	1	$2,176	$ 2,176.00
	TAPÓN PRESIÓN CPVC 1/2" SOLD.	UN	1	$1,901	$ 1,901.00
	LIMPIADOR PVC (1/4 Gal)	UN	0.01	$62,341	$ 623.41
	SOLDADURA CPVC (1/4 Gal)	UN	0.01	$138,627	$ 1,386.27
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.05	$8,862	$ 443.10
				SUBTOTAL	**$ 43,856.78**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.16117398	$ 124,529.87	$ 20,070.97
				SUBTOTAL	**$ 20,070.97**

TOTAL COSTO DIRECTO	**$ 65,661.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 15,758.64
IMPREVISTOS	1%	$ 656.61
UTILIDAD	5%	$ 3,283.05
IVA SOBRE LA UTILIDAD	19%	$ 623.78
TOTAL COSTOS INDIRECTOS		**$ 20,322.08**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 85,983.08**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,5**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
VALVULA DE REGISTRO DE 1/2" INCLUYE TAPA DE REGISTRO	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 479.02	$ 479.02
				SUBTOTAL	$ 479.02

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	VÁLVULA DE BOLA DE PVC Ø= 1/2"	UN	1	$13,319	$ 13,319.00
	CAJA DE REGISTRO CON TAPA	UN	1	$12,900	$ 12,900.00
	LIMPIADOR PVC (1/4 Gal)	UN	0.01	$62,341	$ 623.41
	SOLDADURA CPVC (1/4 Gal)	UN	0.01	$138,627	$ 1,386.27
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.05	$8,862	$ 443.10
				SUBTOTAL	**$ 28,671.78**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.08	$ 124,529.87	$ 9,580.50
				SUBTOTAL	**$ 9,580.50**
				TOTAL COSTO DIRECTO	**$ 39,461.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 9,470.64
IMPREVISTOS	1%	$ 394.61
UTILIDAD	5%	$ 1,973.05
IVA SOBRE LA UTILIDAD	19%	$ 374.88
	TOTAL COSTOS INDIRECTOS	**$ 12,213.18**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 51,674.18**
	TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,6**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
TUBERÍA DRENAJE MINI SPLIT PVC 1" (INCL. ACCESORIOS)	**M**	**25.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 72.35	$ 72.35
	ANDAMIO METÁLICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.35	$6,500	$ 2,275.00
				SUBTOTAL	$ 2,347.35

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBERÍA PRESIÓN PVC 1"	M	1.05	$6,108	$ 6,413.40
	CODO PRESIÓN PVC 1"	UN	0.17	$2,553	$ 434.01
	UNIÓN PRESIÓN PVC 1"	UN	0.17	$1,347	$ 228.99
	LIMPIADOR PVC (1/4 Gal)	UN	0.005	$62,341	$ 311.71
	SOLDADURA CPVC (1/4 Gal)	UN	0.005	$138,627	$ 693.14
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.01	$8,862	$ 88.62
	RUBATEX (Aislante Térmico)	M	1.05	$7,500	$ 7,875.00
				SUBTOTAL	**$ 16,044.86**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.011619188	$ 124,529.87	$ 1,446.94
				SUBTOTAL	**$ 1,446.94**

TOTAL COSTO DIRECTO	**$ 20,204.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,848.96
IMPREVISTOS	1%	$ 202.04
UTILIDAD	5%	$ 1,010.20
IVA SOBRE LA UTILIDAD	19%	$ 191.94
TOTAL COSTOS INDIRECTOS		**$ 6,253.14**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 26,457.14**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Supervisor

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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4,7	CÓDIGO	

Descripción	Unidad de medida	Cantidad
REJILLA PARA PISO EN PVC 3"X2"	UND	2.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 247.19	$ 247.19
	BALDE CONSTRUCCIÓN	UN	0.0008	$6,022	$ 4.82
	PALUSTRE	UN	0.0008	$13,796	$ 11.04
				SUBTOTAL	$ 263.05

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	REJILLA PVC 3" x 2"	UN	1	$3,049	$ 3,049.00
	CEMENTO BLANCO	KG	0.1	$1,825	$ 182.50
				SUBTOTAL	$ 3,231.50

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	$ 729.70

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.039699319	$ 124,529.87	$ 4,943.75
				SUBTOTAL	$ 4,943.75

TOTAL COSTO DIRECTO	$ 9,168.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,200.32
IMPREVISTOS	1%	$ 91.68
UTILIDAD	5%	$ 458.40
IVA SOBRE LA UTILIDAD	19%	$ 87.10
TOTAL COSTOS INDIRECTOS		$ 2,837.50
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 12,005.50

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,8**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
TUBERÍA PVC Ø= 4" (INCL. ACCESORIOS)	**M**	**15.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 248.23	$ 248.23
				SUBTOTAL	$ 248.23

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBERÍA ALL/VENT PVC 4"	M	1.05	$23,718	$ 24,903.90
	CODO SANITARIO PVC 4" x 90° CxC	UN	0.17	$16,891	$ 2,871.47
	UNIÓN SANITARIA PVC 4"	UN	0.17	$9,841	$ 1,672.97
	LIMPIADOR PVC (1/4 Gal)	UN	0.005	$62,341	$ 311.71
	SOLDADURA CPVC (1/4 Gal)	UN	0.005	$138,627	$ 693.14
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.02	$8,862	$ 177.24
				SUBTOTAL	**$ 30,630.42**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.039867111	$ 124,529.87	$ 4,964.65
				SUBTOTAL	**$ 4,964.65**

TOTAL COSTO DIRECTO	**$ 36,573.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 8,777.52
IMPREVISTOS	1%	$ 365.73
UTILIDAD	5%	$ 1,828.65
IVA SOBRE LA UTILIDAD	19%	$ 347.44
TOTAL COSTOS INDIRECTOS		**$ 11,319.34**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 47,892.34**

TOTAL NÚMERO DE FOLIOS	

Contratista

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4,9**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE TUBERÍA PVC-S SANITARIA Ø= 2" (INCLUYE ACCESORIOS)	**M**	**15.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 57.80	$ 57.80
				SUBTOTAL	$ 57.80

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBERÍA SANITARIA PVC 2"	M	1.05	$15,732	$ 16,518.60
	CODO SANITARIO PVC 2" x 90° CxC	UN	0.17	$4,194	$ 712.98
	UNIÓN SANITARIA PVC 2"	UN	0.17	$3,382	$ 574.94
	LIMPIADOR PVC (1/4 Gal)	UN	0.005	$62,341	$ 311.71
	SOLDADURA CPVC (1/4 Gal)	UN	0.005	$138,627	$ 693.14
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.02	$8,862	$ 177.24
				SUBTOTAL	**$ 18,988.60**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.009282145	$ 124,529.87	$ 1,155.90
				SUBTOTAL	**$ 1,155.90**

TOTAL COSTO DIRECTO	**$ 20,932.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 5,023.68
IMPREVISTOS	1%	$ 209.32
UTILIDAD	5%	$ 1,046.60
IVA SOBRE LA UTILIDAD	19%	$ 198.85
TOTAL COSTOS INDIRECTOS		**$ 6,478.45**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 27,410.45**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**5,1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE CUBIERTA (TEJA TERMOACUSTICA KINGROOF ECO - PANEL TIPO SANDWICH CON AISLANTE EN POLISOCIANURATO PIR SAFE E:30MM BLANCO O VERDE, CALIBRE 28, LÁMINA INTERNA FOIL	**M2**	**390.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 383.81	$ 383.81
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.08	$6,500	$ 520.00
				SUBTOTAL	$ 903.81

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CUBIERTA TERMOACÚSTICA TIPO KINGSPAN O SIMILAR	M2	1.02	$111,267	$ 113,492.34
	ACCESORIOS ALUMINIO PARA CABALLETE EXTERNO	M	0.09	$34,510	$ 3,105.90
	ACCESORIOS ALUMINIO REMATES FRONTALES	M	0.18	$23,800	$ 4,284.00
	KIT DE FIJACIÓN CUBIERTA	UN	1	$4,284	$ 4,284.00
				SUBTOTAL	**$ 125,166.24**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO	M2	0.5	$6,089	$ 3,044.65
				SUBTOTAL	**$ 3,044.65**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-2	JR	0.04	$ 217,927.27	$ 7,676.30
				SUBTOTAL	**$ 7,676.30**

TOTAL COSTO DIRECTO	**$ 136,791.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 32,829.84
IMPREVISTOS	1%	$ 1,367.91
UTILIDAD	5%	$ 6,839.55
IVA SOBRE LA UTILIDAD	19%	$ 1,299.51
TOTAL COSTOS INDIRECTOS		**$ 42,336.81**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 179,127.81**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa: GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**5,2**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
CONSTRUCCION Y MONTAJE DE ESTRUCTURA METALICA CON PERFILERIA TIPO PERFILERIA TIPO IPE, HEA, PHR-C, PTE PARA ELEMENTOS DE CUBIERTA, FACHADA, RAMPAS O ÁREAS DE CIRCULACIÓN METÁLICAS, SEGÚN DISEÑO. INCLUYE:	**KG**	**7262.30**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 55.69	$ 55.69
	EQUIPO Y ELEMENTOS AUXILIARES PARA SOLDADURA	HR	0.03	$16,923	$ 507.69
	GRÚA MOVIL	HR	0.003	$145,000	$ 435.00
	EQUIPO OXICORTE	HR	0.03	$20,831	$ 624.93
				SUBTOTAL	$ 1,623.31

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ELEMENTOS DE ACERO ESTRUCTURALES	KG	1.05	$7,770	$ 8,158.50
	ACCESORIOS: PERNOS, PLATINAS, TENSORES	GL	1	$750	$ 750.00
				SUBTOTAL	**$ 8,908.50**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO	M2	0.05	$6,089	$ 304.47
				SUBTOTAL	**$ 304.47**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.01	$ 155,662.33	$ 1,113.73
				SUBTOTAL	**$ 1,113.73**

TOTAL COSTO DIRECTO	**$ 11,950.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,868.00
IMPREVISTOS	1%	$ 119.50
UTILIDAD	5%	$ 597.50
IVA SOBRE LA UTILIDAD	19%	$ 113.53
TOTAL COSTOS INDIRECTOS		**$ 3,698.53**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 15,648.53**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**5,3**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
CANAL EN LÁMINA GALVANIZADA CAL. 20 S= 50 CM	**M**	**30.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 247.01	$ 247.01
	KIT ARNÉS PARA ALTURAS	UN	0.0035	$664,852	$ 2,326.98
	ANDAMIO METÁLICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.5	$6,500	$ 3,250.00
	TIJERA CORTA LÁMINA 10"	UN	0.0018	$36,195	$ 65.15
	BROCHA 4"	UN	0.0018	$15,888	$ 28.60
				SUBTOTAL	$ 5,917.74

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LÁMINA GALVANIZADA Cal. 20	M2	0.625	$31,463	$ 19,664.06
	ACCESORIOS PARA CANAL GALVANIZADA%	%	12.5	$3,933	$ 49,160.13
	DISOLVENTE	GLN	0.05	$62,900	$ 3,145.00
	WASH PRIMER (1/4 Gal)	UN	0.2	$44,221	$ 8,844.20
	PINTURA ESMALTE PINTULUX	GLN	0.1	$105,889	$ 10,588.90
				SUBTOTAL	**$ 91,402.29**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-2	JR	0.02	$ 217,927.27	$ 4,940.12
				SUBTOTAL	**$ 4,940.12**

TOTAL COSTO DIRECTO	**$ 102,625.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 24,630.00
IMPREVISTOS	1%	$ 1,026.25
UTILIDAD	5%	$ 5,131.25
IVA SOBRE LA UTILIDAD	19%	$ 974.94
TOTAL COSTOS INDIRECTOS		**$ 31,762.44**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 134,387.44**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**5,4**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
CIELO RASO CONTINUO EN PVC BLANCO RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METALICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS	**M2**	**299.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 507.91	$ 507.91
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.083	$6,500	$ 541.66
	SIERRA CIRCULAR 7 1/4"	UN	0.001	$441,803	$ 441.80
	DISCO SIERRA CIRCULAR 7 1/4"	UN	0.001	$54,367	$ 54.37
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.001	$53,997	$ 54.00
	ATORNILLADOR ELÉCTRICO	UN	0.001	$434,149	$ 434.15
	PISTOLA DE FIJACIÓN	UN	0.002	$517,738	$ 1,035.48
				SUBTOTAL	$ 3,069.37

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CIELO RASO PVC 5,95X0,3M DE 7MM	UN	0.63	$19,500	$ 12,305.17
	VIGUETA 0.40 MM X 2.44 M	UN	0.38	$2,500	$ 939.66
	OMEGA 0.40 MM X 2.44 M	UN	0.75	$3,533	$ 2,655.92
	ÁNGULO 2.50 CM X 2.50 CM 0.40 MM X 2.44 M	UN	0.34	$2,500	$ 844.83
	TORNILLO PANEL PUNTA AGUDA 6X1"	UN	8.53	$427	$ 3,641.87
	TORNILLO ESTRUCTURA PUNTA AGUDA CABEZA PLANA	UN	13.62	$681	$ 9,276.16
	MOLDURA PERIMETRAL 5,95M LARGO	UN	0.09	$15,000	$ 1,344.83
	SILICONA BLANCA	UN	0.10	$37,000	$ 3,700.00
	ALAMBRE GALVANIZADO CAL. 14	KG	0.05	$10,900	$ 545.00
				SUBTOTAL	**$ 35,253.43**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO	M2	2.299112743	$6,089	$ 14,000.00
				SUBTOTAL	**$ 14,000.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.07	$ 155,662.33	$ 10,158.20
				SUBTOTAL	**$ 10,158.20**

TOTAL COSTO DIRECTO	**$ 62,481.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 14,995.44
IMPREVISTOS	1%	$ 624.81
UTILIDAD	5%	$ 3,124.05
IVA SOBRE LA UTILIDAD	19%	$ 593.57
TOTAL COSTOS INDIRECTOS		**$ 19,337.87**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 81,818.87**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
Matricula No. :

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Supervisor

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**6,1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE ENCHAPE EN CERÁMICA 30X60 CM	**M2**	**27.90**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 954.95	$ 954.95
	CORTADORA DE CERÁMICA	UN	0.0014	$191,545	$ 268.16
	LLANA METÁLICA DENTADA MANGO MADERA 11" x 5"	UN	0.0014	$29,784	$ 41.70
				SUBTOTAL	$ 1,264.81

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PEGACOR GRIS	KG	4.2	$1,443	$ 6,060.60
	AGUA	LTR	16.8	$67	$ 1,125.60
	CERÁMICA PISO PARED 30x60 cm	M2	1.05	$43,800	$ 45,990.00
	CRUCETA PLÁSTICA	UN	16	$34	$ 544.00
	BLANCO DE ZINC	LB	0.1	$3,677	$ 367.70
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.05	$8,862	$ 443.10
				SUBTOTAL	**$ 54,531.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.12	$ 155,662.33	$ 19,098.94
				SUBTOTAL	**$ 19,098.94**

TOTAL COSTO DIRECTO	**$ 76,719.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 18,412.56
IMPREVISTOS	1%	$ 767.19
UTILIDAD	5%	$ 3,835.95
IVA SOBRE LA UTILIDAD	19%	$ 728.83
TOTAL COSTOS INDIRECTOS		**$ 23,744.53**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 100,463.53**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**6,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE PISO EN PORCELANATO 60X60	**M2**	**12.60**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 326.99	$ 326.99
	BALDE CONSTRUCCIÓN	UN	0.0016	$6,022	$ 9.64
	LLANA METÁLICA DENTADA MANGO MADERA 11" x 5"	UN	0.0016	$29,784	
				SUBTOTAL	$ 336.63

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PEGACOR GRIS	KG	4.2	$1,443	$ 6,060.60
	AGUA	LTR	16.8	$67	$ 1,125.60
	PORCELANATO 60x60 cm trafico comercial	M2	1.1	$75,000	$ 82,500.00
	CRUCETA PLÁSTICA	UN	4	$34	$ 136.00
	BINDA BOQUILLA ACRÍLICO (Emboquillador con látex para	UN	0.6	$11,380	$ 6,828.00
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.05	$8,862	$ 443.10
				SUBTOTAL	**$ 97,093.30**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.04	$ 155,662.33	$ 6,539.82
				SUBTOTAL	**$ 6,539.82**

TOTAL COSTO DIRECTO	**$ 105,794.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 25,390.56
IMPREVISTOS	1%	$ 1,057.94
UTILIDAD	5%	$ 5,289.70
IVA SOBRE LA UTILIDAD	19%	$ 1,005.04
TOTAL COSTOS INDIRECTOS		**$ 32,743.24**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 138,537.24**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**6,3**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE GUARDAESCOBA EN PORCELANATO	**ML**	**15.50**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 190.29	$ 190.29
	BALDE CONSTRUCCIÓN	UN		$6,022	$ 0.00
	LLANA METÁLICA DENTADA MANGO MADERA 11" x 5"	UN		$29,784	
				SUBTOTAL	$ 190.29

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PEGACOR GRIS	KG	0.42	$1,443	$ 606.06
	ZÓCALO PORCELANATO 50cm	UN	2	$9,443	$ 18,886.00
	BINDA BOQUILLA ACRÍLICO (Emboquillador con látex para	UN	0.0003	$11,380	$ 3.41
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.0003	$8,862	$ 2.66
				SUBTOTAL	**$ 19,498.13**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.02	$ 155,662.33	$ 3,805.88
				SUBTOTAL	**$ 3,805.88**

TOTAL COSTO DIRECTO	**$ 24,224.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 5,813.76
IMPREVISTOS	1%	$ 242.24
UTILIDAD	5%	$ 1,211.20
IVA SOBRE LA UTILIDAD	19%	$ 230.13
TOTAL COSTOS INDIRECTOS		**$ 7,497.33**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 31,721.33**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
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Supervisor

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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	7,1	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SANITARIO SMART ELONGADO COLOR BLANCO	UND	4.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 625.46	$ 625.46
				SUBTOTAL	$ 625.46

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	SANITARIO SMART ELONGADO COLOR BLANCO	UN	1	$546,120	$ 546,120.00
	CEMENTO BLANCO	KG	0.5	$1,825	$ 912.50
	ACOPLE SANITARIO PLÁSTICO 1/2"	UN	1	$5,694	$ 5,694.00
	CINTA TEFLÓN 1/2" x 10 m	UN	0.2	$1,309	$ 261.80
				SUBTOTAL	$ 552,988.30

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.2	$36,485	$ 7,297.00
				SUBTOTAL	$ 7,297.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.10	$ 124,529.87	$ 12,509.24
				SUBTOTAL	$ 12,509.24

TOTAL COSTO DIRECTO	$ 573,420.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 137,620.80
IMPREVISTOS	1%	$ 5,734.20
UTILIDAD	5%	$ 28,671.00
IVA SOBRE LA UTILIDAD	19%	$ 5,447.49
TOTAL COSTOS INDIRECTOS		$ 177,473.49
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 750,893.49

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**7,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
LAVAMANOS DE INCRUSTAR BLANCO TIPO SAN LORENZO	**UND**	**3.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,001.58	$ 1,001.58
				SUBTOTAL	$ 1,001.58

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LAVAMANOS DE INCRUSTAR BLANCO TIPO SAN	UN	1	$249,900	$ 249,900.00
	DESAGÜE SENCILLO CROMADO	UN	1	$14,201	$ 14,201.00
	SIFÓN BOTELLA PVC 1 1/2"	UN	1	$8,470	$ 8,470.00
	CINTA TEFLÓN 1/2" x 10 m	UN	0.2	$1,309	$ 261.80
				SUBTOTAL	**$ 272,832.80**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.4	$36,485	$ 14,594.00
				SUBTOTAL	**$ 14,594.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.16	$ 124,529.87	$ 20,031.62
				SUBTOTAL	**$ 20,031.62**

TOTAL COSTO DIRECTO	**$ 308,460.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 74,030.40
IMPREVISTOS	1%	$ 3,084.60
UTILIDAD	5%	$ 15,423.00
IVA SOBRE LA UTILIDAD	19%	$ 2,930.37
TOTAL COSTOS INDIRECTOS		**$ 95,468.37**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 403,928.37**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	7,3	CÓDIGO	

Descripción	Unidad de medida	Cantidad
ORINAL MEDIANO BLANCO GRIFERÍA TIPO PUSH	UND	2.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 411.58	$ 411.58
				SUBTOTAL	$ 411.58

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ORINAL MEDIANO BLANCO	UN	1	$347,112	$ 347,112.00
	GRIFERÍA ORINAL PUSH	UN	1	$291,733	$ 291,733.00
	SIFÓN BOTELLA PVC 1 1/2"	UN	1	$8,470	$ 8,470.00
	CINTA TEFLÓN 1/2" x 10 m	UN	0.2	$1,309	$ 261.80
				SUBTOTAL	**$ 647,576.80**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.2	$36,485	$ 7,297.00
				SUBTOTAL	**$ 7,297.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.07	$ 124,529.87	$ 8,231.62
				SUBTOTAL	**$ 8,231.62**

TOTAL COSTO DIRECTO	**$ 663,517.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 159,244.08
IMPREVISTOS	1%	$ 6,635.17
UTILIDAD	5%	$ 33,175.85
IVA SOBRE LA UTILIDAD	19%	$ 6,303.41
TOTAL COSTOS INDIRECTOS		**$ 205,358.51**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 868,875.51**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Supervisor

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	7,4	CÓDIGO	

Descripción	Unidad de medida	Cantidad
GRIFERÍA LAVAMANOS MONOCONTROL AHORRADORA	UND	4.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 977.10	$ 977.10
				SUBTOTAL	$ 977.10

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	GRIFERÍA ULTRA AHORRADORA GRIVAL PARA	UN	1	$155,900	$ 155,900.00
	ACOPLE SANITARIO PLÁSTICO 1/2"	UN	1	$5,694	$ 5,694.00
	CINTA TEFLÓN 1/2" x 10 m	UN	0.2	$1,309	$ 261.80
				SUBTOTAL	**$ 161,855.80**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.2	$36,485	$ 7,297.00
				SUBTOTAL	**$ 7,297.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.16	$ 124,529.87	$ 19,542.10
				SUBTOTAL	**$ 19,542.10**

TOTAL COSTO DIRECTO	**$ 189,672.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 45,521.28
IMPREVISTOS	1%	$ 1,896.72
UTILIDAD	5%	$ 9,483.60
IVA SOBRE LA UTILIDAD	19%	$ 1,801.88
	TOTAL COSTOS INDIRECTOS	**$ 58,703.48**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 248,375.48**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	7,5	CÓDIGO	

Descripción	Unidad de medida	Cantidad
GRIFERÍA LAVAPLATOS MONOCONTROL	UND	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 922.39	$ 922.39
				SUBTOTAL	$ 922.39

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	GRIFERÍA LAVAPLATOS MONOCONTROL PIPA	UN	1	$179,900	$ 179,900.00
	ACOPLE SANITARIO PLÁSTICO 1/2"	UN	1	$5,694	$ 5,694.00
	CINTA TEFLÓN 1/2" x 10 m	UN	0.2	$1,309	$ 261.80
				SUBTOTAL	**$ 185,855.80**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.2	$36,485	$ 7,297.00
				SUBTOTAL	**$ 7,297.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	PLOMERO	JR	0.15	$ 124,529.87	$ 18,447.81
				SUBTOTAL	**$ 18,447.81**

TOTAL COSTO DIRECTO	**$ 212,523.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 51,005.52
IMPREVISTOS	1%	$ 2,125.23
UTILIDAD	5%	$ 10,626.15
IVA SOBRE LA UTILIDAD	19%	$ 2,018.97
TOTAL COSTOS INDIRECTOS		**$ 65,775.87**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 278,298.87**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**7,6**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DISPENSADOR DE TOALLAS DE PAPEL	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 419.64	$ 419.64
	BROCA PARA CONCRETO 3/16"	UN	0.0013	$6,324	$ 8.22
	DESTORNILLADOR	UN	0.0013	$15,340	$ 19.94
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.0013	$53,997	$ 70.20
	TALADRO PERCUTOR 1/2"	UN	0.0013	$471,485	$ 612.93
				SUBTOTAL	$ 1,130.93

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	DISPENSADOR DE TOALLAS DE PAPEL	UN	1	$78,660	$ 78,660.00
				SUBTOTAL	**$ 78,660.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	OFICIAL	JR	0.09	$ 93,397.40	$ 8,392.82
				SUBTOTAL	**$ 8,392.82**

TOTAL COSTO DIRECTO	**$ 90,008.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 21,601.92
IMPREVISTOS	1%	$ 900.08
UTILIDAD	5%	$ 4,500.40
IVA SOBRE LA UTILIDAD	19%	$ 855.08
TOTAL COSTOS INDIRECTOS		**$ 27,857.48**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 117,865.48**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**7,7**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DISPENSADOR DE JABÓN LÍQUIDO	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 466.26	$ 466.26
	BROCA PARA CONCRETO 3/16"	UN	0.0013	$6,324	$ 8.22
	DESTORNILLADOR	UN	0.0013	$15,340	$ 19.94
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.0013	$53,997	$ 70.20
	TALADRO PERCUTOR 1/2"	UN	0.0013	$471,485	$ 612.93
				SUBTOTAL	$ 1,177.55

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	DISPENSADOR DE JABÓN LÍQUIDO	UN	1	$58,228	$ 58,228.00
				SUBTOTAL	**$ 58,228.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	OFICIAL	JR	0.10	$ 93,397.40	$ 9,325.20
				SUBTOTAL	**$ 9,325.20**

TOTAL COSTO DIRECTO	**$ 70,555.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 16,933.20
IMPREVISTOS	1%	$ 705.55
UTILIDAD	5%	$ 3,527.75
IVA SOBRE LA UTILIDAD	19%	$ 670.27
TOTAL COSTOS INDIRECTOS		**$ 21,836.77**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 92,391.77**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
Matricula No. :

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Supervisor

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CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**7,8**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DISPENSADOR DE PAPEL HIGIÉNICO	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 356.40	$ 356.40
	BROCA PARA CONCRETO 3/16"	UN	0.0013	$6,324	$ 8.22
	DESTORNILLADOR	UN	0.0013	$15,340	$ 19.94
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.0013	$53,997	$ 70.20
	TALADRO PERCUTOR 1/2"	UN	0.0013	$471,485	$ 612.93
				SUBTOTAL	$ 1,067.69

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	DISPENSADOR DE PAPEL HIGIÉNICO	UN	1	$106,390	$ 106,390.00
				SUBTOTAL	**$ 106,390.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	OFICIAL	JR	0.08	$ 93,397.40	$ 7,128.06
				SUBTOTAL	**$ 7,128.06**

TOTAL COSTO DIRECTO	**$ 116,410.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 27,938.40
IMPREVISTOS	1%	$ 1,164.10
UTILIDAD	5%	$ 5,820.50
IVA SOBRE LA UTILIDAD	19%	$ 1,105.90
TOTAL COSTOS INDIRECTOS		**$ 36,028.90**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 152,438.90**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	7,9	CÓDIGO	

Descripción	Unidad de medida	Cantidad
BARRA DE SEGURIDAD HORIZONTAL 36" (92 CM) PARA DISCAPACITADOS EN ACERO INOXIDABLE, DE SOBREPONER A LA PARED, REF. 30-AA-8736 DE A&A, O EQUIVALENTE	UND	2.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 447.32	$ 447.32
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.001	$53,997	$ 54.00
	TALADRO PERCUTOR 1/2"	UN	0.001	$471,485	$ 471.49
	BROCA PARA CONCRETO 3/16"	UN	0.001	$6,324	$ 6.32
	LLAVE BOCA FIJA 3/8"	UN	0.001	$13,746	$ 13.75
				SUBTOTAL	$ 992.88

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	BARRA DE SEGURIDAD 36"	UN	1	$219,901	$ 219,901.00
	PERNO ANCLAJE DE CUÑA DE 1/4" x 2 1/2" ZINCADO	UN	4	$3,437	$ 13,748.00
				SUBTOTAL	$ 233,649.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	$ 729.70

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	OFICIAL	JR	0.10	$ 93,397.40	$ 8,946.42
				SUBTOTAL	$ 8,946.42

TOTAL COSTO DIRECTO	$ 244,318.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 58,636.32
IMPREVISTOS	1%	$ 2,443.18
UTILIDAD	5%	$ 12,215.90
IVA SOBRE LA UTILIDAD	19%	$ 2,321.02
TOTAL COSTOS INDIRECTOS		$ 75,616.42
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 319,934.42

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Supervisor

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**7,10**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
ESPEJO CRISTAL BISELADO DE 4 MM COLOCADO FLOTADO SOBRE MURO , PARA BAÑOS WC.	**M2**	**6.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,364.45	$ 1,364.45
	CORTA VIDRIO PROFESIONAL	UN	0.0036	$21,603	$ 77.77
				SUBTOTAL	$ 1,442.22

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ESPEJO CLARO DE 4 mm	M2	1.05	$74,081	$ 77,785.05
	CINTA DOBLE FAZ 18 mm x 1 m	ROLLO	0.5	$17,719	$ 8,859.50
				SUBTOTAL	**$ 86,644.55**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.18	$ 155,662.33	$ 27,288.98
				SUBTOTAL	**$ 27,288.98**

TOTAL COSTO DIRECTO	**$ 117,200.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 28,128.00
IMPREVISTOS	1%	$ 1,172.00
UTILIDAD	5%	$ 5,860.00
IVA SOBRE LA UTILIDAD	19%	$ 1,113.40
TOTAL COSTOS INDIRECTOS		**$ 36,273.40**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 153,473.40**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**7,11**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
MESON - LAVAMANOS EN QUARZTONE BLANCO POLAR ANCHO 60 CM, SALPICADERO 8 CM Y FRENTERO DE 4 CM PARA BAÑO. INCLUYE FABRICACION, SUMINISTRO E INSTALACION.	**M2**	**4.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,951.71	$ 1,951.71
	BATEA	UN	0.0028	$25,351	$ 70.98
				SUBTOTAL	$ 2,022.69

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MESON EN QUARZTONE BLANCO	M2	1	$735,000	$ 735,000.00
	CEMENTO BLANCO	KG	0.6	$1,825	$ 1,095.00
	MORTERO 1:4	M3	0.0206	$473,489	$ 9,753.87
	ESTOPA DE LIMPIEZA (Hilaza de Algodón)	KG	0.1	$8,862	$ 886.20
				SUBTOTAL	**$ 746,735.07**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.63	$ 62,264.93	$ 39,034.24
				SUBTOTAL	**$ 39,034.24**

TOTAL COSTO DIRECTO	**$ 787,792.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 189,070.08
IMPREVISTOS	1%	$ 7,877.92
UTILIDAD	5%	$ 39,389.60
IVA SOBRE LA UTILIDAD	19%	$ 7,484.02
TOTAL COSTOS INDIRECTOS		**$ 243,821.62**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 1,031,613.62**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	8,1	CÓDIGO	

Descripción	Unidad de medida	Cantidad
ESTUCO ACRÍLICO EN MUROS	M2	50.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 201.09	$ 201.09
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.2	$6,500	$ 1,300.00
				SUBTOTAL	$ 1,501.09

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LIJA DE AGUA	UN	0.1	$1,785	$ 178.50
	ESTUCO ACRÍLICO	GLN	0.334	$28,419	$ 9,491.95
				SUBTOTAL	$ 9,670.45

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	$ 729.70

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.06	$ 62,264.93	$ 4,021.76
				SUBTOTAL	$ 4,021.76

TOTAL COSTO DIRECTO	$ 15,923.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 3,821.52
IMPREVISTOS	1%	$ 159.23
UTILIDAD	5%	$ 796.15
IVA SOBRE LA UTILIDAD	19%	$ 151.27
TOTAL COSTOS INDIRECTOS		$ 4,928.17
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 20,851.17

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**8,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
PAÑETE MURO (INCL. FILOS Y DILATACIONES)	**M2**	**50.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 720.71	$ 720.71
	CODAL DE ALUMINIO 3" x 1 1/2" x 3 m	UN	0.001	$37,190	$ 37.19
	BATEA	UN	0.001	$25,351	$ 25.35
	PALUSTRE	UN	0.001	$13,796	$ 13.80
				SUBTOTAL	$ 797.05

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MORTERO 1:4	M3	0.026	$473,489	$ 12,310.71
				SUBTOTAL	**$ 12,310.71**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.09	$ 155,662.33	$ 14,414.23
				SUBTOTAL	**$ 14,414.23**

TOTAL COSTO DIRECTO	**$ 27,522.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 6,605.28
IMPREVISTOS	1%	$ 275.22
UTILIDAD	5%	$ 1,376.10
IVA SOBRE LA UTILIDAD	19%	$ 261.46
TOTAL COSTOS INDIRECTOS		**$ 8,518.06**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 36,040.06**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Nombre de la empresa
Matricula No. :

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Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	8,3	CÓDIGO	

Descripción	Unidad de medida	Cantidad
PINTURA EXTERIOR EN KORAZA	M2	526.50

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 760.65	$ 760.65
	DESTAPA CUÑETES PLÁSTICO	UN	0.0009	$3,950	$ 3.56
	ANDAMIO METÁLICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.3	$6,500	$ 1,950.00
				SUBTOTAL	$ 2,714.21

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	IMPRIMANTE ACRONAL	LT	0.16	$16,419	$ 2,627.04
	PINTURA KORAZA	GLN	0.1	$125,201	$ 12,520.10
				SUBTOTAL	**$ 15,147.14**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.10	$ 155,662.33	$ 15,212.95
				SUBTOTAL	**$ 15,212.95**

TOTAL COSTO DIRECTO	**$ 33,804.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 8,112.96
IMPREVISTOS	1%	$ 338.04
UTILIDAD	5%	$ 1,690.20
IVA SOBRE LA UTILIDAD	19%	$ 321.14
TOTAL COSTOS INDIRECTOS		**$ 10,462.34**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 44,266.34**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**8,4**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
PINTURA CON VINILO EN MUROS	**M2**	**252.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 482.84	$ 482.84
	DESTAPA CUÑETES PLÁSTICO	UN	0.0009	$3,950	$ 3.56
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.3	$6,500	$ 1,950.00
				SUBTOTAL	$ 2,436.40

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	YESO	KG	0.1	$3,100	$ 310.00
	PINTURA VINILTEX	GLN	0.02	$97,900	$ 1,958.00
				SUBTOTAL	**$ 2,268.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.02	$36,485	$ 729.70
				SUBTOTAL	**$ 729.70**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.06	$ 155,662.33	$ 9,656.90
				SUBTOTAL	**$ 9,656.90**

TOTAL COSTO DIRECTO	**$ 15,091.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 3,621.84
IMPREVISTOS	1%	$ 150.91
UTILIDAD	5%	$ 754.55
IVA SOBRE LA UTILIDAD	19%	$ 143.36
TOTAL COSTOS INDIRECTOS		**$ 4,670.66**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 19,761.66**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**9,1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
MUEBLE INFERIOR DE COCINA H= 90 CM	**M**	**2.15**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 587.21	$ 587.21
				SUBTOTAL	$ 587.21

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MUEBLE INFERIOR DE COCINA H= 90 CM	UN	1	$750,000	$ 750,000.00
				SUBTOTAL	**$ 750,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.5	$36,485	$ 18,242.50
				SUBTOTAL	**$ 18,242.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.19	$ 62,264.93	$ 11,744.29
				SUBTOTAL	**$ 11,744.29**

TOTAL COSTO DIRECTO	**$ 780,574.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 187,337.76
IMPREVISTOS	1%	$ 7,805.74
UTILIDAD	5%	$ 39,028.70
IVA SOBRE LA UTILIDAD	19%	$ 7,415.45
TOTAL COSTOS INDIRECTOS		**$ 241,587.65**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 1,022,161.65**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**9,2**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
MUEBLE SUPERIOR DE COCINA H= 60 CM	**M**	**2.15**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,191.74	$ 2,191.74
				SUBTOTAL	$ 2,191.74

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MUEBLE SUPERIOR DE COCINA H= 60 CM	UN	1	$420,000	$ 420,000.00
				SUBTOTAL	**$ 420,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.5	$36,485	$ 18,242.50
				SUBTOTAL	**$ 18,242.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.70	$ 62,264.93	$ 43,834.76
				SUBTOTAL	**$ 43,834.76**

TOTAL COSTO DIRECTO	**$ 484,269.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 116,224.56
IMPREVISTOS	1%	$ 4,842.69
UTILIDAD	5%	$ 24,213.45
IVA SOBRE LA UTILIDAD	19%	$ 4,600.56
TOTAL COSTOS INDIRECTOS		**$ 149,881.26**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 634,150.26**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	9,3	CÓDIGO	

Descripción	Unidad de medida	Cantidad
PUERTA EN MADERA ENTAMBORADA DE 0.80 X 2.05 M	UND	11.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,986.67	$ 1,986.67
	BERBIQUÍ MANUAL 12"	UN	0.003	$124,113	$ 372.34
	BROCHA 4"	UN	0.0038	$15,888	$ 60.37
				SUBTOTAL	$ 2,419.38

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PUERTA MADERA 0.80x2.05 m ENTAMBORADA	UN	1	$271,984	$ 271,984.00
	BISAGRA PARA PUERTA DE COBRE 3"	UN	3	$3,215	$ 9,645.00
	TAPALUZ (PINO)	M	5	$3,606	$ 18,030.00
	PUNTILLA 1"	LB	0.1	$6,398	$ 639.80
	TOPE PUERTA CON RESORTE	UN	1	$3,996	$ 3,996.00
	CERRADURA PUERTA ALCOBA POMO MADERA	UN	1	$48,157	$ 48,157.00
	PINTURA BARNIZ	GLN	0.405	$119,980	$ 48,591.90
				SUBTOTAL	**$ 401,043.70**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.9	$36,485	$ 32,836.50
				SUBTOTAL	**$ 32,836.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLA CARPINTERIA 1-1	JR	0.21	$ 193,066.92	$ 39,733.42
				SUBTOTAL	**$ 39,733.42**

TOTAL COSTO DIRECTO	**$ 476,033.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 114,247.92
IMPREVISTOS	1%	$ 4,760.33
UTILIDAD	5%	$ 23,801.65
IVA SOBRE LA UTILIDAD	19%	$ 4,522.31
TOTAL COSTOS INDIRECTOS		**$ 147,332.21**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 623,365.21**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACIÓN UNIDAD ACONDICIONADORA MINI SPLIT TIPO PARED 12.000 BTU/H INCLUYE CONDENSADORA, EVAPORADORA Y CONTROL REMOTO. COMPRESOR INVERTER. ELIMINACIÓN DE BACTERIAS	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 5,637.76	$ 5,637.76
	ESCALERA DE ALUMINIO EN TIJERA 6 PASOS	UN	0.0009	$325,000	$ 292.50
				SUBTOTAL	$ 5,930.26

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	AIRE ACONDICIONADO CLIMATE 5000 MINI SPLIT	UN	1	$1,819,901	$ 1,819,901.00
	ACCESORIOS PARA MINI SPLIT INVERTER 12,000 BTU %	%	10%	$1,819,901	$ 181,990.10
				SUBTOTAL	**$ 2,001,891.10**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.51	$ 223,082.80	$ 112,755.14
				SUBTOTAL	**$ 112,755.14**

TOTAL COSTO DIRECTO	**$ 2,124,225.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 509,814.00
IMPREVISTOS	1%	$ 21,242.25
UTILIDAD	5%	$ 106,211.25
IVA SOBRE LA UTILIDAD	19%	$ 20,180.14
TOTAL COSTOS INDIRECTOS		**$ 657,447.64**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 2,781,672.64**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINSITRO E INSTALACION UNIDAD ACONDICIONADORA MINI SPLIT TIPO PARED 24.000 BTU/H INCLUYE CONDENSADORA, EVAPORADORA Y CONTROL REMOTO. COMPRESOR INVERTER.ELIMINACIÓN DE BACTERIAS	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 9,266.48	$ 9,266.48
	ESCALERA DE ALUMINIO EN TIJERA 6 PASOS	UN	0.0009	$325,000	$ 292.50
				SUBTOTAL	$ 9,558.98

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	AIRE ACONDICIONADO tecnología Ultra Clean Air. Bio Filtro	UN	1	$4,349,000	$ 4,349,000.00
	ACCESORIOS PARA MINI SPLIT INVERTER 24,000 BTU %	%	10%	$4,349,000	$ 434,900.00
				SUBTOTAL	**$ 4,783,900.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.83	$ 223,082.80	$ 185,329.52
				SUBTOTAL	**$ 185,329.52**

TOTAL COSTO DIRECTO	**$ 4,982,437.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,195,784.88
IMPREVISTOS	1%	$ 49,824.37
UTILIDAD	5%	$ 249,121.85
IVA SOBRE LA UTILIDAD	19%	$ 47,333.15
TOTAL COSTOS INDIRECTOS		**$ 1,542,064.25**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 6,524,501.25**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,3**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACIÓN DE UPS TRIFÁSICO DE 10 KVA 208/120V ON LINE, AUTONIMIA DE 10 MIN A PLANA CARGA	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 38,613.29	$ 38,613.29
				SUBTOTAL	$ 38,613.29

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	UPS 10 KVA 208/120V, INCLUYE BATERIAS TRIFASICA	UN	1	$24,256,000	$ 24,256,000.00
				SUBTOTAL	**$ 24,256,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	4	$36,485	$ 145,940.00
				SUBTOTAL	**$ 145,940.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	3.46	$ 223,082.80	$ 772,265.71
				SUBTOTAL	**$ 772,265.71**

TOTAL COSTO DIRECTO	**$ 25,212,819.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 6,051,076.56
IMPREVISTOS	1%	$ 252,128.19
UTILIDAD	5%	$ 1,260,640.95
IVA SOBRE LA UTILIDAD	19%	$ 239,521.78
TOTAL COSTOS INDIRECTOS		**$ 7,803,367.48**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 33,016,186.48**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10.4**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE LUMINARIA DE EMERGENCIA CERTIFICADA RETIE PARA CUARTOS TECNICOS. INCLUYE 1 METRO DE CABLE ENCAUCHETADO 3X18 HF FR LS Y CLAVIJA.	**UND**	**7.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 805.25	$ 805.25
				SUBTOTAL	$ 805.25

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LUMINARIA DE EMERGENCIA AUTONOMIA 90 MIN	UN	1	$69,490	$ 69,490.00
	CABLE ENCAUCHETADO 3X18 HF FR LS	ML	1	$4,088	$ 4,088.00
	CLAVIJA CON POLO A TIERRA	UN	1	$16,900	$ 16,900.00
				SUBTOTAL	**$ 90,478.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.08	$36,485	$ 2,918.80
				SUBTOTAL	**$ 2,918.80**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.07	$ 223,082.80	$ 16,104.95
				SUBTOTAL	**$ 16,104.95**

TOTAL COSTO DIRECTO	**$ 110,307.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 26,473.68
IMPREVISTOS	1%	$ 1,103.07
UTILIDAD	5%	$ 5,515.35
IVA SOBRE LA UTILIDAD	19%	$ 1,047.92
TOTAL COSTOS INDIRECTOS		**$ 34,140.02**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 144,447.02**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
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Aprobación Interventoría

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,5**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA DE ILUMINACION EN TUBERIA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION.	**UND**	**46.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 452.87	$ 452.87
				SUBTOTAL	$ 452.87

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	4	$19,351	$ 77,404.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	ML	12.05	$3,064	$ 36,921.20
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	1	$893	$ 893.00
	ABRAZADERA DOBLE ALA	UN	1	$4,126	$ 4,126.00
	CONECT. RESORTE ROJO/AMARILLO 18-12AWG	UN	3	$1,800	$ 5,400.00
				SUBTOTAL	**$ 191,401.20**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.03	$36,485	$ 1,094.55
				SUBTOTAL	**$ 1,094.55**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.04	$ 223,082.80	$ 9,057.38
				SUBTOTAL	**$ 9,057.38**

TOTAL COSTO DIRECTO	**$ 202,006.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 48,481.44
IMPREVISTOS	1%	$ 2,020.06
UTILIDAD	5%	$ 10,100.30
IVA SOBRE LA UTILIDAD	19%	$ 1,919.06
TOTAL COSTOS INDIRECTOS		**$ 62,520.86**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 264,526.86**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,6**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA DE INTERRUPTOR TRIPLE EN TUBERIA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION. AUDITORIO	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,071.07	$ 2,071.07
				SUBTOTAL	$ 2,071.07

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	3	$19,351	$ 58,053.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	ML	12	$3,064	$ 36,768.00
	INTERRUPTOR TRIPLE	UN	1	$25,810	$ 25,810.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	1	$893	$ 893.00
	ABRAZADERA DOBLE ALA	UN	3	$4,126	$ 12,378.00
				SUBTOTAL	**$ 151,659.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.19	$ 223,082.80	$ 41,421.43
				SUBTOTAL	**$ 41,421.43**

TOTAL COSTO DIRECTO	**$ 198,800.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 47,712.00
IMPREVISTOS	1%	$ 1,988.00
UTILIDAD	5%	$ 9,940.00
IVA SOBRE LA UTILIDAD	19%	$ 1,888.60
TOTAL COSTOS INDIRECTOS		**$ 61,528.60**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 260,328.60**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,7	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA EN MURO SOBREPUESTA EN TUBERIA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN.	UND	8.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 126.11	$ 126.11
				SUBTOTAL	$ 126.11

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	4	$19,351	$ 77,404.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	ML	8.95	$3,064	$ 27,422.80
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	1	$893	$ 893.00
	ABRAZADERA DOBLE ALA	UN	3	$4,126	$ 12,378.00
	CONECT. RESORTE ROJO/AMARILLO 18-12AWG	UN	3	$1,800	$ 5,400.00
				SUBTOTAL	$ 190,154.80

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	$ 364.85

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.01	$ 223,082.80	$ 2,522.24
				SUBTOTAL	$ 2,522.24

TOTAL COSTO DIRECTO	$ 193,168.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 46,360.32
IMPREVISTOS	1%	$ 1,931.68
UTILIDAD	5%	$ 9,658.40
IVA SOBRE LA UTILIDAD	19%	$ 1,835.10
TOTAL COSTOS INDIRECTOS		$ 59,785.50
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 252,953.50

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,8	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA DE TOMACORRIENTE DOBLE BLANCA CON POLO A TIERRA EN CANALETA METALICA SOBREPUESTA , TOMA CORRIENTE CABLE 12 AWG TRIPLE FASE AZUL Y ACCESORIOS PARA FIJACIÓN Y	UND	22.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 280.20	$ 280.20
				SUBTOTAL	$ 280.20

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	1	$19,351	$ 19,351.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG TRIPLEX	ML	2	$10,800	$ 21,600.00
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	ABRAZADERA DOBLE ALA	UN	2	$4,126	$ 8,252.00
	AUTODEFORRES 14-10 HOMOLOGADO	UN	2	$2,495	$ 4,990.00
				SUBTOTAL	$ 103,093.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	$ 364.85

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.03	$ 223,082.80	$ 5,603.95
				SUBTOTAL	$ 5,603.95

TOTAL COSTO DIRECTO	$ 109,342.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 26,242.08
IMPREVISTOS	1%	$ 1,093.42
UTILIDAD	5%	$ 5,467.10
IVA SOBRE LA UTILIDAD	19%	$ 1,038.75
TOTAL COSTOS INDIRECTOS		$ 33,841.35
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 143,183.35

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S. Nombre de la empresa
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,9**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE TABLERO TRIIFASICO DE 18 CIRCUITOS PARA RED REGULADA SIN ESPACIO TOTALIZADOR, INCLUYE PROTECCIONES 12 DE 1X20A.	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 15,018.31	$ 15,018.31
				SUBTOTAL	$ 15,018.31

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TABLERO TRIFASICO SIN ESPACIO 18 CIRCUITOS	UN	1	$398,000	$ 398,000.00
	BREAKER DE 1X20A	UN	12	$15,932	$ 191,184.00
	CINTA AISLANTE	ROLLO	3	$6,944	$ 20,832.00
	ELEMENTOS DE SUJESIÓN	GL	1	$6,800	$ 6,800.00
	MARQUILLAS	GL	1	$25,000	$ 25,000.00
	AMARRES PLASTICOS DE 20CM PAQUETE	UN	0.1	$12,500	$ 1,250.00
				SUBTOTAL	**$ 643,066.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	1.35	$ 223,082.80	$ 300,366.19
				SUBTOTAL	**$ 300,366.19**

TOTAL COSTO DIRECTO	**$ 962,099.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 230,903.76
IMPREVISTOS	1%	$ 9,620.99
UTILIDAD	5%	$ 48,104.95
IVA SOBRE LA UTILIDAD	19%	$ 9,139.94
	TOTAL COSTOS INDIRECTOS	**$ 297,769.64**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 1,259,868.64**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,10**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA REGULADA EN CANALETA METALICA SOBREPUESTA , TOMA CORRIENTE Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO	**UND**	**22.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 715.60	$ 715.60
				SUBTOTAL	$ 715.60

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	CINTA AISLANTE	ROLLO	0.05	$6,944	$ 347.20
	CABLE CU LIBRE DE HALÓGENOS 12AWG TRIPLEX	M	5	$9,800	$ 49,000.00
	ELEMENTOS DE FIJACION TORNILLO	UN	2	$100	$ 200.00
	AUTODEFORRES 14-10 HOMOLOGADO	UN	3	$2,495	$ 7,485.00
				SUBTOTAL	**$ 105,932.20**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.06	$ 223,082.80	$ 14,311.95
				SUBTOTAL	**$ 14,311.95**

TOTAL COSTO DIRECTO	**$ 122,784.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 29,468.16
IMPREVISTOS	1%	$ 1,227.84
UTILIDAD	5%	$ 6,139.20
IVA SOBRE LA UTILIDAD	19%	$ 1,166.45
TOTAL COSTOS INDIRECTOS		**$ 38,001.65**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 160,785.65**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Apoyo a la Supervisión

Firma
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FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,11	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO DE MANO DE OBRA PARA EL ACONDICIONAMIENTO CONEXION DEL MEDIDOR DE ENERGIA, MARCACION DE FASES, ADECUACIONES.	UND	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 20,282.04	$ 20,282.04
				SUBTOTAL	$ 20,282.04

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CINTA AISLANTE	ROLLO	4	$6,944	$ 27,776.00
				SUBTOTAL	$ 27,776.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	$ 1,824.25

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	1.82	$ 223,082.80	$ 405,640.71
				SUBTOTAL	$ 405,640.71

TOTAL COSTO DIRECTO	$ 455,523.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 109,325.52
IMPREVISTOS	1%	$ 4,555.23
UTILIDAD	5%	$ 22,776.15
IVA SOBRE LA UTILIDAD	19%	$ 4,327.47
TOTAL COSTOS INDIRECTOS		$ 140,984.37
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 596,507.37

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,12	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA DE INTERRUPTOR SENCILLO EN TUBERIA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION.	UND	9.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,541.86	$ 1,541.86
				SUBTOTAL	$ 1,541.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	3	$19,351	$ 58,053.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	ML	9	$3,064	$ 27,576.00
	INTERRUPTOR SENCILLO	UN	1	$9,435	$ 9,435.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	1	$2,570	$ 2,570.00
	UNIONES EMT 3/4"	UN	0	$893	$ 0.00
	ELEMENTOS DE FIJACION TORNILLO	UN	3	$100	$ 300.00
				SUBTOTAL	$ 110,551.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.14	$ 223,082.80	$ 30,837.14
				SUBTOTAL	$ 30,837.14

TOTAL COSTO DIRECTO	$ 142,930.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 34,303.20
IMPREVISTOS	1%	$ 1,429.30
UTILIDAD	5%	$ 7,146.50
IVA SOBRE LA UTILIDAD	19%	$ 1,357.84
TOTAL COSTOS INDIRECTOS		$ 44,236.84
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 187,166.84

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,13**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACIÓN DE TRANSFORMADOR DE 30 KVA REGULADOR 208/120V	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 18,717.24	$ 18,717.24
				SUBTOTAL	$ 18,717.24

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TRANSFORMADOR REGULADOR DE 30 KVA	UN	1	$19,375,291	$ 19,375,291.00
				SUBTOTAL	**$ 19,375,291.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	10	$36,485	$ 364,850.00
				SUBTOTAL	**$ 364,850.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	1.68	$ 223,082.80	$ 374,344.76
				SUBTOTAL	**$ 374,344.76**

TOTAL COSTO DIRECTO	**$ 20,133,203.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,831,968.72
IMPREVISTOS	1%	$ 201,332.03
UTILIDAD	5%	$ 1,006,660.15
IVA SOBRE LA UTILIDAD	19%	$ 191,265.43
TOTAL COSTOS INDIRECTOS		**$ 6,231,226.33**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 26,364,429.33**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,15	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE UN SISTEMA DE PUESTA A TIERRA CON TRES VARILLAS COBRE-COBRE DE 2,4M X 5/8", SOLDADURA EXOTERMICA Y CABLE 1/0 COBRE DESNUDO 25ML PARA EL TRANSFORMADOR.	UND	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 78,470.19	$ 78,470.19
				SUBTOTAL	$ 78,470.19

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	VARILLA DE COBRE 2,4X5/8"	UN	3	$250,000	$ 750,000.00
	SOLDADURA EXOTERMICA DE 120GR	UN	4	$35,000	$ 140,000.00
	CABLE DE COBRE 1/0 DESNUDO	ML	25	$49,700	$ 1,242,500.00
	CAJA 0,3X0,3M PARA INSPECCIÓN PREFABRICADA	UN	1	$380,000	$ 380,000.00
	SUELO ARTIFICIAL 30 KG POR VARILLA	BULTO	3	$450,000	$ 1,350,000.00
				SUBTOTAL	**$ 3,862,500.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	5	$36,485	$ 182,425.00
				SUBTOTAL	**$ 182,425.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	7.04	$ 223,082.80	$ 1,569,403.81
				SUBTOTAL	**$ 1,569,403.81**

TOTAL COSTO DIRECTO	**$ 5,692,799.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,366,271.76
IMPREVISTOS	1%	$ 56,927.99
UTILIDAD	5%	$ 284,639.95
IVA SOBRE LA UTILIDAD	19%	$ 54,081.59
TOTAL COSTOS INDIRECTOS		**$ 1,761,921.29**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 7,454,720.29**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,16	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE LUMINARIA PANEL LED REDODO DE 18W 120V. PARA COCINA, BAÑOS CUARTO DE ASEO, PASILLOS.	UND	20.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 679.96	$ 679.96
				SUBTOTAL	$ 679.96

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PANEL LED REDONDO 18W SYLVANIA	UN	1	$18,500	$ 18,500.00
	ELEMENTOS DE FIJACION PANEL LED REDONDO	UN	0.3	$4,126	$ 1,237.80
				SUBTOTAL	$ 19,737.80

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.06	$ 223,082.80	$ 13,599.24
				SUBTOTAL	$ 13,599.24

TOTAL COSTO DIRECTO	$ 34,017.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 8,164.08
IMPREVISTOS	1%	$ 340.17
UTILIDAD	5%	$ 1,700.85
IVA SOBRE LA UTILIDAD	19%	$ 323.16
TOTAL COSTOS INDIRECTOS		$ 10,528.26
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 44,545.26

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,17**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE PLANTA ELECTRICA DE 30 KVA, ENCABINADA, EN CUARTO SEPARADO, CON TRASNFERENCIA Y TANQUE DE RESERVA.	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 134,802.33	$ 134,802.33
				SUBTOTAL	$ 134,802.33

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PLANTA ELECTRICA CABINADA 30KVA	UN	1	$42,900,000	$ 42,900,000.00
	TRANSFERENCIA PARA 30KVA	UN	1	$5,840,000	$ 5,840,000.00
				SUBTOTAL	**$ 48,740,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	11.64862272	$36,485	$ 425,000.00
				SUBTOTAL	**$ 425,000.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	7.76	$ 223,082.80	$ 1,730,206.35
	TECNICO ELECTRICISTA	JR	7.76	$ 124,529.87	$ 965,840.32
				SUBTOTAL	**$ 2,696,046.67**

TOTAL COSTO DIRECTO	**$ 51,995,849.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 12,479,003.76
IMPREVISTOS	1%	$ 519,958.49
UTILIDAD	5%	$ 2,599,792.45
IVA SOBRE LA UTILIDAD	19%	$ 493,960.57
TOTAL COSTOS INDIRECTOS		**$ 16,092,715.27**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 68,088,564.27**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
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FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,18**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE ACOMETIDA TRIFASICA A TRANSFERENCIA DESDE PLANTA Y TRASNFORMADOR 3X1/0+1/0+1/0T, INCLUYE ELEMENTOS DE SUJECIÓN	**M**	**45.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 799.72	$ 799.72
				SUBTOTAL	$ 799.72

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CABLE CU LIBRE DE HALÓGENOS 1/0 AWG	ML	4.05	$41,500	$ 168,075.00
	CABLE CU 1/0 AWG DESNUDO	UN	1.05	$36,900	$ 38,745.00
	TERMINA DE PALA NO. 1/0	UN	0.1	$9,500	$ 950.00
	CINTA AISLANTE	ROLLO	0.1	$6,944	$ 694.40
				SUBTOTAL	**$ 208,464.40**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.07	$ 223,082.80	$ 15,994.38
				SUBTOTAL	**$ 15,994.38**

TOTAL COSTO DIRECTO	**$ 228,907.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 54,937.68
IMPREVISTOS	1%	$ 2,289.07
UTILIDAD	5%	$ 11,445.35
IVA SOBRE LA UTILIDAD	19%	$ 2,174.62
	TOTAL COSTOS INDIRECTOS	**$ 70,846.72**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 299,753.72**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,19	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE DE REDES ELECTRICAS EXISTENTES. INCLUYE EL RETIRO DE TODAS LAS LUMIANRIAS	GL	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 85,193.71	$ 85,193.71
				SUBTOTAL	$ 85,193.71

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	1	$39,990	$ 39,990.00
	DESECHO DISPOSICIÓN DE MATERIALES	M3	1	$7,545	$ 7,545.00
				SUBTOTAL	$ 47,535.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	7.64	$ 223,082.80	$ 1,703,874.29
				SUBTOTAL	$ 1,703,874.29

TOTAL COSTO DIRECTO	$ 1,836,603.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 440,784.72
IMPREVISTOS	1%	$ 18,366.03
UTILIDAD	5%	$ 91,830.15
IVA SOBRE LA UTILIDAD	19%	$ 17,447.73
TOTAL COSTOS INDIRECTOS		$ 568,428.63
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 2,405,031.63

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,20	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE CABLE TRENSADO 3X12 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO	M	120.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 465.86	$ 465.86
				SUBTOTAL	$ 465.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CABLE CU LIBRE DE HALÓGENOS 12AWG TRIPLEX	M	1.05	$9,800	$ 10,290.00
				SUBTOTAL	**$ 10,290.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.04	$ 223,082.80	$ 9,317.29
				SUBTOTAL	**$ 9,317.29**

TOTAL COSTO DIRECTO	**$ 20,438.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,905.12
IMPREVISTOS	1%	$ 204.38
UTILIDAD	5%	$ 1,021.90
IVA SOBRE LA UTILIDAD	19%	$ 194.16
TOTAL COSTOS INDIRECTOS		**$ 6,325.56**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 26,763.56**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

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Supervisor

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,21**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA PARA AA EN TUBERIA EMT 1", CABLE 2X10+12T AWG LIBRE DE HALOGENOS, CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACION.	**UND**	**11.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 3,565.78	$ 3,565.78
				SUBTOTAL	$ 3,565.78

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ELEMENTOS DE SUJECIÓN	ML	1	$2,100	$ 2,100.00
	CABLE CU LIBRE DE HALÓGENOS 10AWG	ML	14.05	$4,700	$ 66,035.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	UN	7.05	$3,064	$ 21,601.20
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TUBO EMT DE 1"	ML	2.4	$16,667	$ 40,000.01
	TERMINAL EMT DE 1"	UN	2	$2,000	$ 4,000.00
	CURVA EMT DE 1"	UN	2	$30,200	$ 60,400.00
	UNION EMT DE 1"	UN	3	$3,000	$ 9,000.00
				SUBTOTAL	**$ 215,753.21**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.5	$36,485	$ 18,242.50
				SUBTOTAL	**$ 18,242.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.32	$ 223,082.80	$ 71,315.51
				SUBTOTAL	**$ 71,315.51**

TOTAL COSTO DIRECTO	**$ 308,877.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 74,130.48
IMPREVISTOS	1%	$ 3,088.77
UTILIDAD	5%	$ 15,443.85
IVA SOBRE LA UTILIDAD	19%	$ 2,934.33
	TOTAL COSTOS INDIRECTOS	**$ 95,597.43**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 404,474.43**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,22**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE CANALETA METALICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTATICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACION RETIE.	**M**	**90.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 371.12	$ 371.12
				SUBTOTAL	$ 371.12

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CANALETA METALICA PINTURA ELECTROSTATICA	ML	1	$62,990	$ 62,990.00
	TROQUEL TRIPLE BLANCO	UN	0.3	$25,000	$ 7,500.00
	ALAMBRE DESNUDO 12 PUESTA A TIERRA	ML	1	$1,800	$ 1,800.00
	CHAZO PUNTILLA DE 1/4"	UN	6	$100	$ 600.00
				SUBTOTAL	**$ 72,890.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.03	$ 223,082.80	$ 7,422.38
				SUBTOTAL	**$ 7,422.38**

TOTAL COSTO DIRECTO	**$ 84,332.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 20,239.68
IMPREVISTOS	1%	$ 843.32
UTILIDAD	5%	$ 4,216.60
IVA SOBRE LA UTILIDAD	19%	$ 801.15
TOTAL COSTOS INDIRECTOS		**$ 26,100.75**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 110,432.75**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,23	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE TABLERO TRIFASICO DE 30 CIRDUITOS CON ESPACIO PARA TOTALIZADOR INCLUYE TOTALIZADOR DE 100A A 200A, PROTECCIONES SEGUN DIAGRAMA UNIFILAR, CONEXIÓN DE ACOMETIDA DESDE	UND	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 11,315.05	$ 11,315.05
				SUBTOTAL	$ 11,315.05

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TABLERO TRIFÁSICO DE 30 CIRCUITOS CON ESPACIO	UN	1	$458,053	$ 458,053.00
	BREAKER INDUSTRIAL DE 100A	UN	1	$275,500	$ 275,500.00
	BREAKER DE 1X20A	UN	15	$15,932	$ 238,980.00
	CINTA AISLANTE	ROLLO	2	$6,944	$ 13,888.00
	MARQUILLAS	GL	1	$25,000	$ 25,000.00
	BREAKER DE 2X40A	UN	4	$24,000	$ 96,000.00
	ELEMENTOS DE SUJESIÓN	GL	5	$6,800	$ 34,000.00
	BREAKER DE 2X50A	UN	1	$47,000	$ 47,000.00
				SUBTOTAL	**$ 1,188,421.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	1	$36,485	$ 36,485.00
				SUBTOTAL	**$ 36,485.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	1.01	$ 223,082.80	$ 226,300.95
				SUBTOTAL	**$ 226,300.95**

TOTAL COSTO DIRECTO	**$ 1,462,522.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 351,005.28
IMPREVISTOS	1%	$ 14,625.22
UTILIDAD	5%	$ 73,126.10
IVA SOBRE LA UTILIDAD	19%	$ 13,893.96
TOTAL COSTOS INDIRECTOS		**$ 452,650.56**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 1,915,172.56**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,24**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO.	**UND**	**5.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,882.65	$ 1,882.65
				SUBTOTAL	$ 1,882.65

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO	UN	1	$162,000	$ 162,000.00
				SUBTOTAL	**$ 162,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.17	$ 223,082.80	$ 37,653.10
				SUBTOTAL	**$ 37,653.10**

TOTAL COSTO DIRECTO	**$ 203,360.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 48,806.40
IMPREVISTOS	1%	$ 2,033.60
UTILIDAD	5%	$ 10,168.00
IVA SOBRE LA UTILIDAD	19%	$ 1,931.92
TOTAL COSTOS INDIRECTOS		**$ 62,939.92**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 266,299.92**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,25**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION SALIDA PARA SENSOR INFRARROJO EN TECHO, INCLUYE CABLE, CONECTORES Y ELEMENTOS DE FIJACIÓN.	**UND**	**5.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,463.25	$ 2,463.25
				SUBTOTAL	$ 2,463.25

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	2	$19,351	$ 38,702.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	UN	6	$3,064	$ 18,384.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	3	$893	$ 2,679.00
	CONECTOR DE RESORTE 3M	UN	3	$2,000	$ 6,000.00
				SUBTOTAL	**$ 83,522.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.22	$ 223,082.80	$ 49,264.90
				SUBTOTAL	**$ 49,264.90**

TOTAL COSTO DIRECTO	**$ 135,615.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 32,547.60
IMPREVISTOS	1%	$ 1,356.15
UTILIDAD	5%	$ 6,780.75
IVA SOBRE LA UTILIDAD	19%	$ 1,288.34
TOTAL COSTOS INDIRECTOS		**$ 41,972.84**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 177,587.84**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,26	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA GFCI, INCLUYE CANA 2400 ALUMINIO FUNDIDO, CONCTORES Y SOPORTES DE TUBERIA Y EN SI TODO LO NECESARIO PARA SU FUNCIONAMIENTO.	UND	2.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,996.75	$ 2,996.75
				SUBTOTAL	$ 2,996.75

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	3	$19,351	$ 58,053.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	UN	10	$3,064	$ 30,640.00
	TOMA GFCI	UN	1	$68,900	$ 68,900.00
	CAJA 2400 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	1	$893	$ 893.00
	ABRAZADERA DOBLE ALA	UN	3	$4,126	$ 12,378.00
	CONECTOR DE RESORTE 3M	UN	3	$2,000	$ 6,000.00
				SUBTOTAL	**$ 194,621.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.27	$ 223,082.80	$ 59,935.00
				SUBTOTAL	**$ 59,935.00**

TOTAL COSTO DIRECTO	**$ 259,377.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 62,250.48
IMPREVISTOS	1%	$ 2,593.77
UTILIDAD	5%	$ 12,968.85
IVA SOBRE LA UTILIDAD	19%	$ 2,464.08
TOTAL COSTOS INDIRECTOS		**$ 80,277.18**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 339,654.18**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,27**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE CANALIZACION 2X3" TUBO PVC 3", INCLUYE EXCAVACION Y RELLENO CON EL MISMO MATERIAL EXCAVADO	**M**	**50.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,956.24	$ 1,956.24
				SUBTOTAL	$ 1,956.24

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	Tubo PVC 3"	M	1	$11,816	$ 11,816.00
	CAMPANA 3" PVC	UN	0.1	$9,800	$ 980.00
	SOLDADURA CPVC (1/4 Gal)	UN	0.2	$138,627	$ 27,725.40
				SUBTOTAL	**$ 40,521.40**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.18	$ 223,082.80	$ 39,124.86
				SUBTOTAL	**$ 39,124.86**

TOTAL COSTO DIRECTO	**$ 85,251.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 20,460.24
IMPREVISTOS	1%	$ 852.51
UTILIDAD	5%	$ 4,262.55
IVA SOBRE LA UTILIDAD	19%	$ 809.88
TOTAL COSTOS INDIRECTOS		**$ 26,385.18**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 111,636.18**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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Firma
Nombre:
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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,28	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE ACOMETIDA DESDE TN1 HASTA UPS Y TR1 2X6+6+8T, INCLUYE TERMINALES	M	15.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 607.05	$ 607.05
				SUBTOTAL	$ 607.05

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CABLE DE COBRE 6 AWG LIBRE DE HALÓGENOS PARA	ML	4.05	$12,100	$ 49,005.00
	CABLE DE COBRE 8AWG LIBRE DE HALÓGENOS PARA	ML	1.05	$7,500	$ 7,875.00
	TERMINA DE PALA NO. 6	UN	0.2	$9,500	$ 1,900.00
	TERMINAL DE PALA NO. 8	UN	0.1	$9,500	$ 950.00
				SUBTOTAL	**$ 59,730.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.05	$ 223,082.80	$ 12,141.10
				SUBTOTAL	**$ 12,141.10**

TOTAL COSTO DIRECTO	**$ 72,843.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 17,482.32
IMPREVISTOS	1%	$ 728.43
UTILIDAD	5%	$ 3,642.15
IVA SOBRE LA UTILIDAD	19%	$ 692.01
	TOTAL COSTOS INDIRECTOS	**$ 22,544.91**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 95,387.91**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,29	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE CAJA CS274 DE 0,6X0,6M CON TAPA CON MARCO Y CONTRAMARCO EN LADRILLO RECOCIDO, INCLUYE EXCAVACIÓN	UND	3.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,902.72	$ 2,902.72
				SUBTOTAL	$ 2,902.72

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TAPA CON MARCO Y CONTRAMARCO	UN	1	$280,000	$ 280,000.00
	LADRILLO RECOCIDO COMUN 20 X 10 X 6 cm 50u	UN	150	$890	$ 133,500.00
	MORTERO 2:1	M3	0.07	$762,914	$ 53,403.98
				SUBTOTAL	$ 466,903.98

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.046594313	$36,485	$ 1,699.99
				SUBTOTAL	$ 1,699.99

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.26	$ 223,082.80	$ 58,054.30
				SUBTOTAL	$ 58,054.30

TOTAL COSTO DIRECTO	$ 529,561.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 127,094.64
IMPREVISTOS	1%	$ 5,295.61
UTILIDAD	5%	$ 26,478.05
IVA SOBRE LA UTILIDAD	19%	$ 5,030.83
TOTAL COSTOS INDIRECTOS		$ 163,899.13
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 693,460.13

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre:
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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,30	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACIÓN DE TUBO EMT DE 3" PARA ACOMETIDA DE PLANTA A TRANSFERENCIA	M	20.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 3,811.36	$ 3,811.36
				SUBTOTAL	$ 3,811.36

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	Tubo EMT 3"	ML	1	$81,667	$ 81,666.67
	CURVA 3" PVC	UN	0.1	$56,400	$ 5,640.00
	ABRAZADERA DOBLE ALA	UN	0.2	$4,126	$ 825.20
				SUBTOTAL	**$ 88,131.87**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.34	$ 223,082.80	$ 76,227.28
				SUBTOTAL	**$ 76,227.28**

TOTAL COSTO DIRECTO	**$ 171,819.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 41,236.56
IMPREVISTOS	1%	$ 1,718.19
UTILIDAD	5%	$ 8,590.95
IVA SOBRE LA UTILIDAD	19%	$ 1,632.28
TOTAL COSTOS INDIRECTOS		**$ 53,177.98**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 224,996.98**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**10,31**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE CANALIZACION 1X3" TUBO PVC 3", INCLUYE EXCAVACION Y RELLENO CON EL MISMO MATERIAL EXCAVADO	**M**	**5.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 757.86	$ 757.86
				SUBTOTAL	$ 757.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	Tubo PVC 3"	M	1	$11,816	$ 11,816.00
	CAMPANA 3" PVC	UN	0.1	$9,800	$ 980.00
	SOLDADURA CPVC (1/4 Gal)	UN	0.2	$138,627	$ 27,725.40
				SUBTOTAL	**$ 40,521.40**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.07	$ 223,082.80	$ 15,157.24
				SUBTOTAL	**$ 15,157.24**

TOTAL COSTO DIRECTO	**$ 60,085.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 14,420.40
IMPREVISTOS	1%	$ 600.85
UTILIDAD	5%	$ 3,004.25
IVA SOBRE LA UTILIDAD	19%	$ 570.81
TOTAL COSTOS INDIRECTOS		**$ 18,596.31**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 78,681.31**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,32	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACIÓN DE REFLECTOR LED CON PANEL SOLAR DE 200W	UND	6.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,010.76	$ 2,010.76
	ESCALERA DE ALUMINIO EN TIJERA 6 PASOS	UN	0.0009	$325,000	$ 292.50
				SUBTOTAL	$ 2,303.26

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	REFLECTOR LED SOLAR DE 200W	UN	1	$358,000	$ 358,000.00
				SUBTOTAL	**$ 358,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.18	$ 223,082.80	$ 40,215.24
				SUBTOTAL	**$ 40,215.24**

TOTAL COSTO DIRECTO	**$ 404,167.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 97,000.08
IMPREVISTOS	1%	$ 4,041.67
UTILIDAD	5%	$ 20,208.35
IVA SOBRE LA UTILIDAD	19%	$ 3,839.59
TOTAL COSTOS INDIRECTOS		**$ 125,089.69**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 529,256.69**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Nombre:

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**11,1**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
MARCO METÁLICO LÁMINA CAL. 20 A=0.80 M (INCL. PINTURA)	**UND**	**11.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,383.50	$ 1,383.50
				SUBTOTAL	$ 1,383.50

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MARCO PUERTA LAMINA CAL. 20 A=0.80 M	UN	1	$121,409	$ 121,409.00
	MORTERO 1:3	M3	0.025	$751,566	$ 18,789.15
	DISOLVENTE	GLN	0.05	$62,900	$ 3,145.00
	PINTURA ESMALTE PINTULUX	GLN	0.1	$105,889	$ 10,588.90
	PINTURA ANTICORROSIVA PREMIUM	GLN	0.05	$91,000	$ 4,550.00
				SUBTOTAL	**$ 158,482.05**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.18	$ 155,662.33	$ 27,669.95
				SUBTOTAL	**$ 27,669.95**

TOTAL COSTO DIRECTO	**$ 191,184.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 45,884.16
IMPREVISTOS	1%	$ 1,911.84
UTILIDAD	5%	$ 9,559.20
IVA SOBRE LA UTILIDAD	19%	$ 1,816.25
TOTAL COSTOS INDIRECTOS		**$ 59,171.45**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 250,355.45**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Supervisor

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Nombre:

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Firma
Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**11,2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
VENTANA EN ALUMINIO CORREDIZA (VIDRIO 4 MM)	**M2**	**26.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 419.10	$ 419.10
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.0005	$53,997	$ 27.00
	TALADRO PERCUTOR 1/2"	UN	0.0005	$471,485	$ 235.74
	BROCA PARA CONCRETO 3/16"	UN	0.0005	$6,324	$ 3.16
	NIVEL DE BURBUJA	UN	0.0005	$43,521	$ 21.76
	PISTÓLA METÁLICA SILICONA	UN	0.0005	$8,179	$ 4.09
				SUBTOTAL	$ 710.85

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	VENTANA EN ALUMINIO CORREDIZA CON VIDRIO DE 4	M2	1	$328,483	$ 328,483.00
	CHAZO CON TORNILLO 12-14 X 2"	UN	1	$632	$ 632.00
	SIKAFLEX 1A (SELLADOR ELÁSTICO DE POLIURETANO)	UN	0.05	$72,947	$ 3,647.35
				SUBTOTAL	**$ 332,762.35**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.05	$ 155,662.33	$ 8,381.95
				SUBTOTAL	**$ 8,381.95**
				TOTAL COSTO DIRECTO	**$ 342,220.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 82,132.80
IMPREVISTOS	1%	$ 3,422.20
UTILIDAD	5%	$ 17,111.00
IVA SOBRE LA UTILIDAD	19%	$ 3,251.09
	TOTAL COSTOS INDIRECTOS	**$ 105,917.09**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 448,137.09**
	TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**11,3**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
DIVISIÓN PARA BAÑO EN LÁMINA CAL. 20 (INCL. PINTURA)	**M2**	**13.30**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,345.73	$ 2,345.73
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.003	$53,997	$ 161.99
	TALADRO PERCUTOR 1/2"	UN	0.003	$471,485	$ 1,414.46
	BROCA PARA CONCRETO 3/16"	UN	0.003	$6,324	$ 18.97
	NIVEL DE BURBUJA	UN	0.003	$43,521	$ 130.56
	EQUIPO DE PINTURA STROM STATIC	DIA	0.05	$150,000	$ 7,500.00
				SUBTOTAL	$ 11,571.71

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	DIVISIÓN PARA BAÑO EN LÁMINA Cal. 20	M2	1	$296,919	$ 296,919.00
	CHAZO CON TORNILLO 12-14 X 2"	UN	1	$632	$ 632.00
	DISOLVENTE	GLN	0.12	$62,900	$ 7,548.00
	PINTURA ESMALTE PINTULUX	GLN	0.12	$105,889	$ 12,706.68
	PINTURA ANTICORROSIVA PREMIUM	GLN	0.12	$91,000	$ 10,920.00
	MASILLA BLER (Pasta para superficies metálicas)	GLN	0.035	$32,644	$ 1,142.54
				SUBTOTAL	**$ 329,868.22**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.30	$ 155,662.33	$ 46,914.57
				SUBTOTAL	**$ 46,914.57**

TOTAL COSTO DIRECTO	**$ 392,003.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 94,080.72
IMPREVISTOS	1%	$ 3,920.03
UTILIDAD	5%	$ 19,600.15
IVA SOBRE LA UTILIDAD	19%	$ 3,724.03
TOTAL COSTOS INDIRECTOS		**$ 121,324.93**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 513,327.93**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**11,4**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
MANTENIMIENTO DE VENTANAS Y REJAS METALICAS EXISTENTES DE DIMENSIONES VARIABLES, INCLUYE DESMONTE Y REINSTALACIÓN, ADEMÁS DE PINTURA ANTICORROSIVA	**UND**	**10.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,745.30	$ 2,745.30
				SUBTOTAL	$ 2,745.30

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PINTURA ESMALTE PINTULUX	GLN	0.01	$105,889	$ 1,058.89
	PINTURA ANTICORROSIVA PREMIUM	GLN	0.01	$91,000	$ 910.00
				SUBTOTAL	**$ 1,968.89**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.35	$ 155,662.33	$ 54,905.96
				SUBTOTAL	**$ 54,905.96**

TOTAL COSTO DIRECTO	**$ 59,985.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 14,396.40
IMPREVISTOS	1%	$ 599.85
UTILIDAD	5%	$ 2,999.25
IVA SOBRE LA UTILIDAD	19%	$ 569.86
TOTAL COSTOS INDIRECTOS		**$ 18,565.36**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 78,550.36**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
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Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**11,5**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
PUERTA DE DOS SECCIONES EN VIDRIO TEMPADO CON MARCO Y TRAVESANO FABRICADO EN TUBERIA TIPO PESADA CON ACABADO FINAL EN ABM, CIERRA PUERTA SUPERIOR, CERRADURA - MANIJA CON LLAVE.	**M2**	**4.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 219.28	$ 219.28
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.001	$53,997	$ 54.00
	TALADRO PERCUTOR 1/2"	UN	0.001	$471,485	$ 471.49
	NIVEL DE BURBUJA	UN	0.001	$43,521	$ 43.52
				SUBTOTAL	$ 788.29

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	DIVISIÓN EN VIDRIO MATE TEMPLADO 10 MM	M2	1	$815,019	$ 815,019.00
	CHAZO CON TORNILLO 12-14 X 2"	UN	1	$632	$ 632.00
	SILICONA FRIA EN TUBO	UN	0.7	$11,120	$ 7,784.00
	PERFIL ALUMINIO	ML	2.2	$21,768	$ 47,889.60
				SUBTOTAL	**$ 871,324.60**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.03	$ 155,662.33	$ 4,385.61
				SUBTOTAL	**$ 4,385.61**

TOTAL COSTO DIRECTO	**$ 880,147.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 211,235.28
IMPREVISTOS	1%	$ 8,801.47
UTILIDAD	5%	$ 44,007.35
IVA SOBRE LA UTILIDAD	19%	$ 8,361.40
TOTAL COSTOS INDIRECTOS		**$ 272,405.50**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 1,152,552.50**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**12.1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
PISO CONTINUO MULTICAPA DE MORTERO HIDRÁULICO POLIMÉRICO, PARA EXTERIORES. E=0.05M	**M2**	**36.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 274.82	$ 274.82
	CARRETA BUGGIE, PALA, ZAPAPICO	UN	0.007	$392,549	$ 2,747.84
				SUBTOTAL	$ 3,022.66

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MORTERO HIDRAULICO POLIMERICO	M3	0.052	$394,035	$ 20,489.82
	IMPRIMANTE	Kg	0.2	$122,966	$ 24,593.20
	SIKALASTIC-707	Kg	0.07	$269,225	$ 18,845.75
	CODAL DE ALUMINIO 3" X 1 1/2" X 3M	UN	0.07	$105,889	$ 7,412.23
				SUBTOTAL	**$ 71,341.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.04	$ 155,662.33	$ 5,496.49
				SUBTOTAL	**$ 5,496.49**

TOTAL COSTO DIRECTO	**$ 80,225.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 19,254.00
IMPREVISTOS	1%	$ 802.25
UTILIDAD	5%	$ 4,011.25
IVA SOBRE LA UTILIDAD	19%	$ 762.14
TOTAL COSTOS INDIRECTOS		**$ 24,829.64**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 105,054.64**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	12.2	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE AVISO ICA DE UNA MEDIDA APROXIMADA DE 1,5X1,0M. INCLUYE EL AVISO Y ESTRUCTURA METÁLICA, ADEMÁS DE LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA REQUERIDOS PARA SU	UND	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 697.43	$ 697.43
				SUBTOTAL	$ 697.43

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PINTURA ESMALTE PINTULUX	GLN	0.7498	$105,889	$ 79,395.57
	PINTURA ANTICORROSIVA PREMIUM	GLN	0.7498	$91,000	$ 68,231.80
	ELEMENTOS DE ACERO ESTRUCTURALES	KG	79.15	$7,770	$ 614,995.50
	LONA PARA VALLA CON DISEÑO DE LA ENTIDAD	UN	1	$65,000	$ 65,000.00
	ACCESORIOS: PERNOS, PLATINAS, TENSORES	GL	15.83	$750	$ 11,872.50
				SUBTOTAL	$ 839,495.37

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	$ 3,648.50

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.09	$ 155,662.33	$ 13,948.70
				SUBTOTAL	$ 13,948.70

TOTAL COSTO DIRECTO	$ 857,790.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 205,869.60
IMPREVISTOS	1%	$ 8,577.90
UTILIDAD	5%	$ 42,889.50
IVA SOBRE LA UTILIDAD	19%	$ 8,149.01
TOTAL COSTOS INDIRECTOS		$ 265,486.01
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 1,123,276.01

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**12.3**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
GRIFERÍA PARA LAVAPLATOS. MONOCONTROL SIN MEZCLADOR TIPO "GRIVAL NOGAL" Ó SIMILAR, PARA COCINETAS	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,084.83	$ 1,084.83
				SUBTOTAL	$ 1,084.83

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	GRIFERÍA LAVAPLATOS MÓNACO	UN	1	$127,000	$ 127,000.00
	ACOPLE LAVAMANOS/ LAVAPLATOS PLÁSTICO 1/2"	UN	1	$7,500	$ 7,500.00
				SUBTOTAL	**$ 134,500.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.14	$ 155,662.33	$ 21,696.67
				SUBTOTAL	**$ 21,696.67**

TOTAL COSTO DIRECTO	**$ 160,930.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 38,623.20
IMPREVISTOS	1%	$ 1,609.30
UTILIDAD	5%	$ 8,046.50
IVA SOBRE LA UTILIDAD	19%	$ 1,528.84
TOTAL COSTOS INDIRECTOS		**$ 49,807.84**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 210,737.84**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Matricula No. :

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Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**12.4**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO E INSTALACION MESON EN QUARZTONE BLANCO POLAR CON REENGRUESE DE 5 CMS SOBRE BASTIDOR DE MDF PARA COCINA. ANCHO 60 CM.SALPICADERO DE 8 CMS FRENTERO 4CMS. COCINETA	**ML**	**3.10**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,236.41	$ 2,236.41
				SUBTOTAL	$ 2,236.41

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MESÓN EN QUARZTONE BLANCO POLAR	ML	1	$590,324	$ 590,324.46
				SUBTOTAL	**$ 590,324.46**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	1	$36,485	$ 36,485.00
				SUBTOTAL	**$ 36,485.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.29	$ 155,662.33	$ 44,728.13
				SUBTOTAL	**$ 44,728.13**

TOTAL COSTO DIRECTO	**$ 673,774.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 161,705.76
IMPREVISTOS	1%	$ 6,737.74
UTILIDAD	5%	$ 33,688.70
IVA SOBRE LA UTILIDAD	19%	$ 6,400.85
TOTAL COSTOS INDIRECTOS		**$ 208,533.05**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 882,307.05**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**12.5**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
LAVAPLATOS SENCILLO EN ACERO INOXIDABLE 55X43 CM SOCODA O EQUIVALENTE, PARA COCINETAS	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 966.81	$ 966.81
				SUBTOTAL	$ 966.81

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LAVAPLATOS 55x43cm ACERO INOXIDABLE	UN	1	$169,369	$ 169,369.44
	CANASTILLA LAVAPLATOS 4"	UN	1	$10,314	$ 10,314.00
	SIFÓN EN "P" PVC 1 1/2"	UN	1	$7,376	$ 7,376.00
				SUBTOTAL	**$ 187,059.44**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.12	$ 155,662.33	$ 19,336.25
				SUBTOTAL	**$ 19,336.25**

TOTAL COSTO DIRECTO	**$ 211,011.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 50,642.64
IMPREVISTOS	1%	$ 2,110.11
UTILIDAD	5%	$ 10,550.55
IVA SOBRE LA UTILIDAD	19%	$ 2,004.60
TOTAL COSTOS INDIRECTOS		**$ 65,307.90**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 276,318.90**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa: GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Matricula No. :

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**12.6**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
POCETA DE ASEO PREFABRICADA EN GRANITO 42X42X25 CM	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,396.62	$ 1,396.62
				SUBTOTAL	$ 1,396.62

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	POCETA PREFABRICADA EN GRANITO 42x42x25 cm	UN	1	$145,209	$ 145,209.00
	CEMENTO BLANCO	KG	0.5	$1,825	
				SUBTOTAL	**$ 145,209.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.4	$36,485	$ 14,594.00
				SUBTOTAL	**$ 14,594.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.18	$ 155,662.33	$ 27,932.38
				SUBTOTAL	**$ 27,932.38**

TOTAL COSTO DIRECTO	**$ 189,132.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 45,391.68
IMPREVISTOS	1%	$ 1,891.32
UTILIDAD	5%	$ 9,456.60
IVA SOBRE LA UTILIDAD	19%	$ 1,796.75
TOTAL COSTOS INDIRECTOS		**$ 58,536.35**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 247,668.35**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	12.7	CÓDIGO	

Descripción	Unidad de medida	Cantidad
ASEO GENERAL TANTO DE LA PARTE INTERNA COMO EXTERNA Y DONDE SE HAYAN REALIZADO ACTIVIDADES PARA PODER EJECUTAR LA OBRA. (INCLUYE RETIRO DE SOBRANTES AL REALIZAR EL ASEO)	M2	500.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 106.60	$ 106.60
				SUBTOTAL	$ 106.60

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	AGUA	LTR	0.1	$67	$ 6.70
				SUBTOTAL	$ 6.70

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	0.06	$39,990	$ 2,399.40
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.03	$7,545	$ 226.35
				SUBTOTAL	$ 2,625.75

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.01	$ 155,662.33	$ 2,131.95
				SUBTOTAL	$ 2,131.95

TOTAL COSTO DIRECTO	$ 4,871.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,169.04
IMPREVISTOS	1%	$ 48.71
UTILIDAD	5%	$ 243.55
IVA SOBRE LA UTILIDAD	19%	$ 46.27
TOTAL COSTOS INDIRECTOS		$ 1,507.57
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 6,378.57

TOTAL NÚMERO DE FOLIOS	

Contratista

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ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1.1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
INSTALACION DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO	**M**	**42.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 122.55	$ 122.55
				SUBTOTAL	$ 122.55

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CLAVO COMUN 1". CAJA x 500gr	UN	0.035	$9,900	$ 346.50
	CABLE GALVANIZADO CALIBRE 1/16" ROLLO DE 200M	M	2.1	$1,250	$ 2,625.00
	TELA VERDE TEJIDA DE POLIPROPILENO DE ALTA	M	1.05	$2,200	$ 2,310.00
	ESTACÓN EN MADERA COMÚN FIJACIÓN VERTICAL	M	1	$10,000	$ 10,000.00
	CONCRETO DE 17,5MPA	M3	0.0094248	$325,000	$ 3,063.06
				SUBTOTAL	**$ 18,344.56**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO INTERNO	M3	0.02	$18,900	$ 378.00
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	0.02	$39,990	$ 799.80
				SUBTOTAL	**$ 1,177.80**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.02	$ 62,264.93	$ 980.44
	OFICIAL	JR	0.02	$ 93,397.40	$ 1,470.65
				SUBTOTAL	**$ 2,451.09**

TOTAL COSTO DIRECTO	**$ 22,096.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 5,303.04
IMPREVISTOS	1%	$ 220.96
UTILIDAD	5%	$ 1,104.80
IVA SOBRE LA UTILIDAD	19%	$ 209.91
TOTAL COSTOS INDIRECTOS		**$ 6,838.71**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 28,934.71**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1.2	CÓDIGO	

Descripción	Unidad de medida	Cantidad
LOCALIZACION, TRAZADO Y REPLANTEO. SE UTILIZARA PERSONAL EXPERTO CON EQUIPO DE PRECISION. TODOS LOS DEMÁS MATERIALES, ELEMENTOS, EQUIPOS, SEGUROS DE EQUIPOS, INSTALACIONES, COMBUSTIBLES, LUBRICANTES,	DÍA	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 15,208.86	$ 15,208.86
	GPS DE PRECISIÓN	DIA	1	$150,000	$ 150,000.00
	ESTACIÓN TOTAL	DIA	1	$136,000	$ 136,000.00
				SUBTOTAL	$ 301,208.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ESTACAS, HILADEROS Y TACHUELAS	GLB	1	$25,000	$ 25,000.00
				SUBTOTAL	**$ 25,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	COMISION TOPOGRAFÍA (Inc. Topografo y Cadenero)	JR	0.51	$ 595,811.00	$ 304,177.14
				SUBTOTAL	**$ 304,177.14**

TOTAL COSTO DIRECTO	**$ 630,386.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 151,292.64
IMPREVISTOS	1%	$ 6,303.86
UTILIDAD	5%	$ 31,519.30
IVA SOBRE LA UTILIDAD	19%	$ 5,988.67
	TOTAL COSTOS INDIRECTOS	**$ 195,104.47**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 825,490.47**

TOTAL NÚMERO DE FOLIOS	

Contratista

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	2.1	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE DE TEJA DE ASBESTO CEMENTO EXISTENTE. LA MANO DE OBRA INCLUYE LOS ELEMENTOS REQUERIDOS DE PROTECCIÓN PARA EL MANEJO DE ESTA TEJA. INCLUYE MANEJO ESPECIAL, CARGUE, TRANSPORTE Y BOTADA ESPECIAL	M2	376.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 175.78	$ 175.78
	MONTACARGA	DIA	0.0125	$85,542	$ 1,069.28
	ANDAMIO METALICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS.)	Dia	0.0125	$6,500	$ 81.25
				SUBTOTAL	$ 1,326.31

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PLÁSTICO NEGRO	M2	1.05	$1,515	$ 1,590.75
				SUBTOTAL	**$ 1,590.75**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3*KM	0.3	$1,667	$ 500.10
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.015	$7,545	$ 113.18
				SUBTOTAL	**$ 613.28**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 0-3	JR	0.02	$ 186,794.80	$ 3,515.67
				SUBTOTAL	**$ 3,515.67**

TOTAL COSTO DIRECTO	**$ 7,046.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,691.04
IMPREVISTOS	1%	$ 70.46
UTILIDAD	5%	$ 352.30
IVA SOBRE LA UTILIDAD	19%	$ 66.94
TOTAL COSTOS INDIRECTOS		**$ 2,180.74**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 9,226.74**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**2.2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE ESTRUCTURA DE CUBIERTA EXISTENTE. INCLUYE MANO DE OBRA DE DESINSTALACION, CARGUE, TRANSPORTE Y BOTADA CON DERECHO A BOTADERO	**M2**	**376.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 126.56	$ 126.56
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS.)	Dia	0.0083	$6,500	$ 54.17
	EQUIPO OXICORTE	HR	0.0083	$20,831	$ 173.59
				SUBTOTAL	$ 354.32

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3*KM	2	$1,667	$ 3,334.00
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.1	$7,545	$ 754.50
				SUBTOTAL	**$ 4,088.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.02	$ 155,662.33	$ 2,531.18
				SUBTOTAL	**$ 2,531.18**

TOTAL COSTO DIRECTO	**$ 6,974.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,673.76
IMPREVISTOS	1%	$ 69.74
UTILIDAD	5%	$ 348.70
IVA SOBRE LA UTILIDAD	19%	$ 66.25
TOTAL COSTOS INDIRECTOS		**$ 2,158.45**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 9,132.45**

TOTAL NÚMERO DE FOLIOS	

Contratista

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	2.3	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE DE CIELO RASO EN MADERA. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	M2	376.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 217.29	$ 217.29
	ANDAMIO METÁLICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.033	$6,500	$ 214.50
				SUBTOTAL	$ 431.79

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	0.1	$39,990	$ 3,999.00
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.1	$7,545	$ 754.50
				SUBTOTAL	$ 4,753.50

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.07	$ 62,264.93	$ 4,345.71
				SUBTOTAL	$ 4,345.71

TOTAL COSTO DIRECTO	$ 9,531.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,287.44
IMPREVISTOS	1%	$ 95.31
UTILIDAD	5%	$ 476.55
IVA SOBRE LA UTILIDAD	19%	$ 90.54
TOTAL COSTOS INDIRECTOS		$ 2,949.84
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 12,480.84

TOTAL NÚMERO DE FOLIOS	

Contratista

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CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	2.4	CÓDIGO	

Descripción	Unidad de medida	Cantidad
RETIRO DE INSTALACIONES ELECTRICAS Y LUMINARIAS EXISTENTES. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	GL	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 84,241.57	$ 84,241.57
				SUBTOTAL	$ 84,241.57

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	1.5	$39,990	$ 59,985.00
	DESECHO DISPOSICIÓN DE MATERIALES	M3	1	$7,545	$ 7,545.00
				SUBTOTAL	$ 67,530.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	7.55	$ 223,082.80	$ 1,684,831.43
				SUBTOTAL	$ 1,684,831.43

TOTAL COSTO DIRECTO	$ 1,836,603.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 440,784.72
IMPREVISTOS	1%	$ 18,366.03
UTILIDAD	5%	$ 91,830.15
IVA SOBRE LA UTILIDAD	19%	$ 17,447.73
TOTAL COSTOS INDIRECTOS		$ 568,428.63
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 2,405,031.63

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
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Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**2.5**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
RETIRO DE CIELO RASO EN SUPERBOARD. INCLUYE CARGUE, TRANSPORTE Y BOTADA EN LOS SITIOS OFICIALES, ADEMÁS DEL DERECHO AL BOTADERO	**M2**	**64.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 217.29	$ 217.29
	ANDAMIO METÁLICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.033	$6,500	$ 214.50
				SUBTOTAL	$ 431.79

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	0.1	$39,990	$ 3,999.00
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.1	$7,545	$ 754.50
				SUBTOTAL	**$ 4,753.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	AYUDANTE	JR	0.07	$ 62,264.93	$ 4,345.71
				SUBTOTAL	**$ 4,345.71**

TOTAL COSTO DIRECTO	**$ 9,531.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,287.44
IMPREVISTOS	1%	$ 95.31
UTILIDAD	5%	$ 476.55
IVA SOBRE LA UTILIDAD	19%	$ 90.54
TOTAL COSTOS INDIRECTOS		**$ 2,949.84**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 12,480.84**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**2.6**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DESMONTE DE ESCRITORIOS Y SILLAS.INCLUYE MOVERLOS O TRASLADARLOS A SITIO DE ACOPIO DEBIDAMENTE ENVUELTOS EN PLÁSTICO	**UND**	**10.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 747.49	$ 747.49
				SUBTOTAL	$ 747.49

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PLÁSTICO NEGRO	M2	0.65	$1,515	$ 984.75
				SUBTOTAL	**$ 984.75**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TRANSPORTE	GL	1	$2,500	$ 2,500.00
				SUBTOTAL	**$ 2,500.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 0-2	JR	0.12	$ 124,529.87	$ 14,949.76
				SUBTOTAL	**$ 14,949.76**

TOTAL COSTO DIRECTO	**$ 19,182.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,603.68
IMPREVISTOS	1%	$ 191.82
UTILIDAD	5%	$ 959.10
IVA SOBRE LA UTILIDAD	19%	$ 182.23
TOTAL COSTOS INDIRECTOS		**$ 5,936.83**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 25,118.83**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
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Aprobación Interventoría

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

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Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	2.7	CÓDIGO	

Descripción	Unidad de medida	Cantidad
DESMONTE Y REINSTALACION DE ARCHIVADORES, CONSISTE EN LA REUBICACION DE LOS ARCHIVADORES EN EL AREA DOCUMENTAL, ESTO CON EL FIN DE REDISTRIBUIR EL ESPCIO ACORDE CON EL ACUERDO 049 DE 2000 REPOSITORÍO	M2	50.01

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 71.86	$ 71.86
				SUBTOTAL	$ 71.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 0-2	JR	0.01	$ 124,529.87	$ 1,437.14
				SUBTOTAL	$ 1,437.14

TOTAL COSTO DIRECTO	$ 1,509.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 362.16
IMPREVISTOS	1%	$ 15.09
UTILIDAD	5%	$ 75.45
IVA SOBRE LA UTILIDAD	19%	$ 14.34
TOTAL COSTOS INDIRECTOS		$ 467.04
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 1,976.04

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**2.8**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
DEMOLICION MAMPOSTERIA CON UN ESPESOR HASTA 25CM. INCLUYE CARGUE, TRANSPORTE Y BOTADA DE ESCOMBROS EN BOTADEROS OFICIALES, DEMOLICIÓN DE REVOQUES Y DE ENCHAPES APLICADOS EN EL MURO A DEMOLER E	**M2**	**15.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 344.01	$ 344.01
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.33	$6,500	$ 2,145.00
				SUBTOTAL	$ 2,489.01

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
			0.1		
				SUBTOTAL	**$ 0.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	0.06	$39,990	$ 2,399.40
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.03	$7,545	$ 226.35
				SUBTOTAL	**$ 2,625.75**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.04	$ 155,662.33	$ 6,880.24
				SUBTOTAL	**$ 6,880.24**

TOTAL COSTO DIRECTO	**$ 11,995.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,878.80
IMPREVISTOS	1%	$ 119.95
UTILIDAD	5%	$ 599.75
IVA SOBRE LA UTILIDAD	19%	$ 113.95
TOTAL COSTOS INDIRECTOS		**$ 3,712.45**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 15,707.45**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3.1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE CUBIERTA (TEJA TERMOACUSTICA KINGROOF ECO - PANEL TIPO SANDWICH CON AISLANTE EN POLISOCIANURATO PIR SAFE E:30MM BLANCO O VERDE, CALIBRE 28, LÁMINA INTERNA FOIL	**M2**	**376.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 383.81	$ 383.81
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.08	$6,500	$ 520.00
				SUBTOTAL	$ 903.81

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CUBIERTA TERMOACÚSTICA TIPO KINGSPAN O SIMILAR	M2	1.02	$111,267	$ 113,492.34
	ACCESORIOS ALUMINIO PARA CABALLETE EXTERNO	M	0.09	$34,510	$ 3,105.90
	ACCESORIOS ALUMINIO REMATES FRONTALES	M	0.18	$23,800	$ 4,284.00
	KIT DE FIJACIÓN CUBIERTA	UN	1	$4,284	$ 4,284.00
				SUBTOTAL	**$ 125,166.24**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO	M2	0.5	$6,089	$ 3,044.65
				SUBTOTAL	**$ 3,044.65**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-2	JR	0.04	$ 217,927.27	$ 7,676.30
				SUBTOTAL	**$ 7,676.30**

TOTAL COSTO DIRECTO	**$ 136,791.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 32,829.84
IMPREVISTOS	1%	$ 1,367.91
UTILIDAD	5%	$ 6,839.55
IVA SOBRE LA UTILIDAD	19%	$ 1,299.51
TOTAL COSTOS INDIRECTOS		**$ 42,336.81**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 179,127.81**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3.2**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
CONSTRUCCION Y MONTAJE DE ESTRUCTURA METALICA CON PERFILERIA TIPO PERFILERIA TIPO IPE, HEA, PHR-C, PTE PARA ELEMENTOS DE CUBIERTA, FACHADA, RAMPAS O ÁREAS DE CIRCULACIÓN METÁLICAS, SEGÚN PLANO. INCLUYE:	**KG**	**6008.68**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 55.69	$ 55.69
	EQUIPO Y ELEMENTOS AUXILIARES PARA SOLDADURA	HR	0.03	$16,923	$ 507.69
	GRÚA MOVIL	HR	0.003	$145,000	$ 435.00
	EQUIPO OXICORTE	HR	0.03	$20,831	$ 624.93
				SUBTOTAL	$ 1,623.31

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ELEMENTOS DE ACERO ESTRUCTURALES	KG	1.05	$7,770	$ 8,158.50
	ACCESORIOS: PERNOS, PLATINAS, TENSORES	GL	1	$750	$ 750.00
				SUBTOTAL	**$ 8,908.50**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO	M2	0.05	$6,089	$ 304.47
				SUBTOTAL	**$ 304.47**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.01	$ 155,662.33	$ 1,113.73
				SUBTOTAL	**$ 1,113.73**

TOTAL COSTO DIRECTO	**$ 11,950.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 2,868.00
IMPREVISTOS	1%	$ 119.50
UTILIDAD	5%	$ 597.50
IVA SOBRE LA UTILIDAD	19%	$ 113.53
TOTAL COSTOS INDIRECTOS		**$ 3,698.53**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 15,648.53**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Representante Legal del Interventor o su Apoderado
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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3.3**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE CANAL PVC TIPO AMAZONAS O SIMILAR PARA AGUAS LLUVIAS CON MEDIDAS APROXIMADAS DE ANCHO 162,3MM POR ALTURAS DE 142,3MM (PARTE ALTA) Y 94,9MM (PARTE BAJA) CON LAS	**M**	**50.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 772.92	$ 772.92
	ANDAMIO METÁLICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.05	$6,500	$ 325.00
				SUBTOTAL	$ 1,097.92

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CANAL TIPO AMAZONA O SIMILAR	M	1.10	$28,167	$ 30,983.70
	SOPORTE DE CANAL	UN	1.33	$3,000	$ 4,000.00
	UNIÓN DE CANAL	UN	0.33	$16,750	$ 5,583.33
	UNIÓN ESQUINA INTERIOR O EXTERIOR	UN	0.10	$28,450	$ 2,943.10
	TAPA EXTERIOR O INTERIOR	UN	0.10	$8,150	$ 843.10
	UNIÓN DE CANAL A BAJANTE	UN	0.15	$22,600	$ 3,377.01
	SOPORTE METÁLICO	UN	0.67	$8,250	$ 5,500.00
	HIDROSELLO	UN	0.13	$3,900	$ 487.50
				SUBTOTAL	**$ 53,717.75**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
			1		
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.10	$ 155,662.33	$ 15,458.33
				SUBTOTAL	**$ 15,458.33**

TOTAL COSTO DIRECTO	**$ 70,274.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 16,865.76
IMPREVISTOS	1%	$ 702.74
UTILIDAD	5%	$ 3,513.70
IVA SOBRE LA UTILIDAD	19%	$ 667.60
TOTAL COSTOS INDIRECTOS		**$ 21,749.80**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 92,023.80**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**3.4**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION BAJANTE PVC TIPO RAINMAX DE DIMENSIONES APROXIMADAS DE 100MMX100MM CON LAS RESPECTIVAS UNIONES, CODOS Y SOPORTES PARA SU FIJACIÓN. INCLUYE TODOS LOS DEMÁS	**M**	**44.20**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 789.25	$ 789.25
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.03	$6,500	$ 195.00
				SUBTOTAL	$ 984.25

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	BAJANTE RAINMAX O SIMILAR DE 100MMX100MM	M	1.100	$22,783	$ 25,061.67
	TAPÓN PRUEBA PARA BAJANTE	UN	0.286	$1,360	$ 388.57
	CODO DE 45°	UN	0.571	$6,150	$ 3,514.29
	SOPORTE BAJANTE	UN	0.571	$2,300	$ 1,314.29
	UNIÓN BAJANTE	UN	0.286	$4,350	$ 1,242.86
				SUBTOTAL	**$ 31,521.67**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.023297314	$36,485	$ 850.00
				SUBTOTAL	**$ 850.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.10	$ 155,662.33	$ 15,785.08
				SUBTOTAL	**$ 15,785.08**

TOTAL COSTO DIRECTO	**$ 49,141.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 11,793.84
IMPREVISTOS	1%	$ 491.41
UTILIDAD	5%	$ 2,457.05
IVA SOBRE LA UTILIDAD	19%	$ 466.84
TOTAL COSTOS INDIRECTOS		**$ 15,209.14**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 64,350.14**

TOTAL NÚMERO DE FOLIOS	

Contratista

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	3.5	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE Y COLOCACION DE CIELO RASO CONTINUO EN PVC BLANCO RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO	M2	30.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 507.91	$ 507.91
	ANDAMIO METÁLICO TUBULAR (SECCIÓN DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.083	$6,500	$ 541.66
	SIERRA CIRCULAR 7 1/4"	UN	0.001	$441,803	$ 441.80
	DISCO SIERRA CIRCULAR 7 1/4"	UN	0.001	$54,367	$ 54.37
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.001	$53,997	$ 54.00
	ATORNILLADOR ELÉCTRICO	UN	0.001	$434,149	$ 434.15
	PISTOLA DE FIJACIÓN	UN	0.002	$517,738	$ 1,035.48
				SUBTOTAL	$ 3,069.37

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CIELO RASO PVC 5,95X0,3M DE 7MM	UN	0.63	$19,500	$ 12,305.17
	VIGUETA 0.40 MM X 2.44 M	UN	0.38	$2,500	$ 939.66
	OMEGA 0.40 MM X 2.44 M	UN	0.75	$3,533	$ 2,655.92
	ÁNGULO 2.50 CM X 2.50 CM 0.40 MM X 2.44 M	UN	0.34	$2,500	$ 844.83
	TORNILLO PANEL PUNTA AGUDA 6X1"	UN	8.53	$427	$ 3,641.87
	TORNILLO ESTRUCTURA PUNTA AGUDA CABEZA PLANA	UN	13.62	$681	$ 9,276.16
	MOLDURA PERIMETRAL 5,95M LARGO	UN	0.09	$15,000	$ 1,344.83
	SILICONA BLANCA	UN	0.10	$37,000	$ 3,700.00
	ALAMBRE GALVANIZADO CAL. 14	KG	0.05	$10,900	$ 545.00
				SUBTOTAL	$ 35,253.43

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO	M2	2.299112743	$6,089	$ 14,000.00
				SUBTOTAL	$ 14,000.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.07	$ 155,662.33	$ 10,158.20
				SUBTOTAL	$ 10,158.20

TOTAL COSTO DIRECTO	$ 62,481.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 14,995.44
IMPREVISTOS	1%	$ 624.81
UTILIDAD	5%	$ 3,124.05
IVA SOBRE LA UTILIDAD	19%	$ 593.57
TOTAL COSTOS INDIRECTOS		$ 19,337.87
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 81,818.87

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	3.6	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE Y COLOCACION DE CIELO RASO CONTINUO EN PLACA DE YESO RH 1/2" RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU	M2	376.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 237.91	$ 237.91
	SIERRA CIRCULAR 7 1/4"	UN	0.001	$441,803	$ 441.80
	DISCO SIERRA CIRCULAR 7 1/4"	UN	0.001	$54,367	$ 54.37
	EXTENSIÓN ELÉCTRICA ENCAUCHETADA 3x12 x 10 m	UN	0.001	$53,997	$ 54.00
	ATORNILLADOR ELÉCTRICO	UN	0.001	$434,149	$ 434.15
	PISTOLA DE FIJACIÓN	UN	0.002	$517,738	$ 1,035.48
	ANDAMIO METALICO TUBULAR (SECCION DE 2 MARCOS CON 2 CRUCETAS)	Dia	0.08333	$6,500	$ 541.65
				SUBTOTAL	$ 2,799.36

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	VIGUETA 0.40 MM X 2.44 M	UN	0.56	$2,500	$ 1,400.00
	OMEGA 0.40 MM X 2.44 M	UN	0.81	$3,533	$ 2,861.81
	ÁNGULO 2.50 CM X 2.50 CM 0.40 MM X 2.44 M	UN	0.42	$2,500	$ 1,050.00
	TORNILLO PANEL PUNTA AGUDA 6X1"	UN	8.6	$427	$ 3,669.83
	TORNILLO ESTRUCTURA PUNTA AGUDA CABEZA PLANA	UN	11.5	$681	$ 7,831.90
	SILICONA BLANCA	UN	0.1	$37,000	$ 3,700.00
	ALAMBRE GALVANIZADO CAL. 14	KG	0.05	$10,900	$ 545.00
	PLACA DE YESO RH 1.22 M X 2.44 M X 1/2"	UN	0.34	$73,400	$ 24,956.00
				SUBTOTAL	$ 46,014.54

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ACARREO INTERNO	M3	0.15	$18,900	$ 2,835.00
				SUBTOTAL	$ 2,835.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.03	$ 155,662.33	$ 4,758.10
				SUBTOTAL	$ 4,758.10

TOTAL COSTO DIRECTO	$ 56,407.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 13,537.68
IMPREVISTOS	1%	$ 564.07
UTILIDAD	5%	$ 2,820.35
IVA SOBRE LA UTILIDAD	19%	$ 535.87
	TOTAL COSTOS INDIRECTOS	$ 17,457.97
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	$ 73,864.97

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.1**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE UPS TRIFASICO DE 10 KVA 208/120V ON LINE, AUTONOMIA DE 10 MIN A PLANA CARGA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 38,613.29	$ 38,613.29
				SUBTOTAL	$ 38,613.29

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	UPS 10 KVA 208/120V, INCLUYE BATERIAS TRIFASICA	UN	1	$24,256,000	$ 24,256,000.00
				SUBTOTAL	**$ 24,256,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	4	$36,485	$ 145,940.00
				SUBTOTAL	**$ 145,940.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	3.46	$ 223,082.80	$ 772,265.71
				SUBTOTAL	**$ 772,265.71**

TOTAL COSTO DIRECTO	**$ 25,212,819.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 6,051,076.56
IMPREVISTOS	1%	$ 252,128.19
UTILIDAD	5%	$ 1,260,640.95
IVA SOBRE LA UTILIDAD	19%	$ 239,521.78
TOTAL COSTOS INDIRECTOS		**$ 7,803,367.48**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 33,016,186.48**

TOTAL NÚMERO DE FOLIOS	

Contratista

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.2	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE LUMINARIA DE EMERGENCIA CERTIFICADA RETIE PARA CUARTOS TÉCNICOS. INCLUYE 1 METRO DE CABLE ENCAUCHETADO 3X18 HF FR LS Y CLAVIJA. INCLUYE TODOS LAS	UND	8.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 805.25	$ 805.25
				SUBTOTAL	$ 805.25

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LUMINARIA DE EMERGENCIA AUTONOMIA 90 MIN	UN	1	$69,490	$ 69,490.00
	CABLE ENCAUCHETADO 3X18 HF FR LS	ML	1	$4,088	$ 4,088.00
	CLAVIJA CON POLO A TIERRA	UN	1	$16,900	$ 16,900.00
				SUBTOTAL	**$ 90,478.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.08	$36,485	$ 2,918.80
				SUBTOTAL	**$ 2,918.80**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.07	$ 223,082.80	$ 16,104.95
				SUBTOTAL	**$ 16,104.95**

TOTAL COSTO DIRECTO	**$ 110,307.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 26,473.68
IMPREVISTOS	1%	$ 1,103.07
UTILIDAD	5%	$ 5,515.35
IVA SOBRE LA UTILIDAD	19%	$ 1,047.92
TOTAL COSTOS INDIRECTOS		**$ 34,140.02**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 144,447.02**

TOTAL NÚMERO DE FOLIOS	

Contratista

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ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.3	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION SALIDA DE ILUMINACION EN TUBERIA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS	UND	88.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 452.87	$ 452.87
				SUBTOTAL	$ 452.87

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	4	$19,351	$ 77,404.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	ML	12.05	$3,064	$ 36,921.20
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	1	$893	$ 893.00
	ABRAZADERA DOBLE ALA	UN	1	$4,126	$ 4,126.00
	CONECT. RESORTE ROJO/AMARILLO 18-12AWG	UN	3	$1,800	$ 5,400.00
				SUBTOTAL	**$ 191,401.20**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.03	$36,485	$ 1,094.55
				SUBTOTAL	**$ 1,094.55**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.04	$ 223,082.80	$ 9,057.38
				SUBTOTAL	**$ 9,057.38**

TOTAL COSTO DIRECTO	**$ 202,006.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 48,481.44
IMPREVISTOS	1%	$ 2,020.06
UTILIDAD	5%	$ 10,100.30
IVA SOBRE LA UTILIDAD	19%	$ 1,919.06
TOTAL COSTOS INDIRECTOS		**$ 62,520.86**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 264,526.86**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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Nombre de la empresa GRU S.A.S.
Matricula No. :

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.4**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA EN MURO SOBREPUESTA EN TUBERÍA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS	**UND**	**2.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 126.11	$ 126.11
				SUBTOTAL	$ 126.11

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	4	$19,351	$ 77,404.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	ML	8.95	$3,064	$ 27,422.80
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	1	$893	$ 893.00
	ABRAZADERA DOBLE ALA	UN	3	$4,126	$ 12,378.00
	CONECT. RESORTE ROJO/AMARILLO 18-12AWG	UN	3	$1,800	$ 5,400.00
				SUBTOTAL	**$ 190,154.80**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.01	$ 223,082.80	$ 2,522.24
				SUBTOTAL	**$ 2,522.24**

TOTAL COSTO DIRECTO	**$ 193,168.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 46,360.32
IMPREVISTOS	1%	$ 1,931.68
UTILIDAD	5%	$ 9,658.40
IVA SOBRE LA UTILIDAD	19%	$ 1,835.10
	TOTAL COSTOS INDIRECTOS	**$ 59,785.50**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 252,953.50**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.5**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION SALIDA DE TOMACORRIENTE DOBLE BLANCA CON POLO A TIERRA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE CABLE 12 AWG TRIPLE FASE AZUL Y ACCESORIOS PARA	**UND**	**41.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 280.20	$ 280.20
				SUBTOTAL	$ 280.20

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	1	$19,351	$ 19,351.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG TRIPLEX	ML	2	$10,800	$ 21,600.00
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	ABRAZADERA DOBLE ALA	UN	2	$4,126	$ 8,252.00
	AUTODEFORRES 14-10 HOMOLOGADO	UN	2	$2,495	$ 4,990.00
				SUBTOTAL	**$ 103,093.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.03	$ 223,082.80	$ 5,603.95
				SUBTOTAL	**$ 5,603.95**

TOTAL COSTO DIRECTO	**$ 109,342.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 26,242.08
IMPREVISTOS	1%	$ 1,093.42
UTILIDAD	5%	$ 5,467.10
IVA SOBRE LA UTILIDAD	19%	$ 1,038.75
TOTAL COSTOS INDIRECTOS		**$ 33,841.35**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 143,183.35**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.6	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE TABLERO TRIFASICO DE 18 CIRCUITOS PARA RED REGULADA SIN ESPACIO TOTALIZADOR, INCLUYE PROTECCIONES 12 DE 1X20A.. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO	UND	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 15,018.31	$ 15,018.31
				SUBTOTAL	$ 15,018.31

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TABLERO TRIFASICO SIN ESPACIO 18 CIRCUITOS	UN	1	$398,000	$ 398,000.00
	BREAKER DE 1X20A	UN	12	$15,932	$ 191,184.00
	CINTA AISLANTE	ROLLO	3	$6,944	$ 20,832.00
	ELEMENTOS DE SUJESIÓN	GL	1	$6,800	$ 6,800.00
	MARQUILLAS	GL	1	$25,000	$ 25,000.00
	AMARRES PLASTICOS DE 20CM PAQUETE	UN	0.1	$12,500	$ 1,250.00
				SUBTOTAL	**$ 643,066.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	1.35	$ 223,082.80	$ 300,366.19
				SUBTOTAL	**$ 300,366.19**

TOTAL COSTO DIRECTO	**$ 962,099.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 230,903.76
IMPREVISTOS	1%	$ 9,620.99
UTILIDAD	5%	$ 48,104.95
IVA SOBRE LA UTILIDAD	19%	$ 9,139.94
	TOTAL COSTOS INDIRECTOS	**$ 297,769.64**
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	**$ 1,259,868.64**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.7	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA REGULADA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO. INCLUYE	UND	41.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 715.60	$ 715.60
				SUBTOTAL	$ 715.60

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TOMA DOBLE CON POLO A TIERRA	UN	1	$48,900	$ 48,900.00
	CINTA AISLANTE	ROLLO	0.05	$6,944	$ 347.20
	CABLE CU LIBRE DE HALÓGENOS 12AWG TRIPLEX	M	5	$9,800	$ 49,000.00
	ELEMENTOS DE FIJACION TORNILLO	UN	2	$100	$ 200.00
	AUTODEFORRES 14-10 HOMOLOGADO	UN	3	$2,495	$ 7,485.00
				SUBTOTAL	$ 105,932.20

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	$ 1,824.25

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.06	$ 223,082.80	$ 14,311.95
				SUBTOTAL	$ 14,311.95

TOTAL COSTO DIRECTO	$ 122,784.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 29,468.16
IMPREVISTOS	1%	$ 1,227.84
UTILIDAD	5%	$ 6,139.20
IVA SOBRE LA UTILIDAD	19%	$ 1,166.45
TOTAL COSTOS INDIRECTOS		$ 38,001.65
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 160,785.65

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.8	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION SALIDA DE INTERRUPTOR SENCILLO EN TUBERIA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS,	UND	15.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,541.86	$ 1,541.86
				SUBTOTAL	$ 1,541.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	3	$19,351	$ 58,053.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	ML	9	$3,064	$ 27,576.00
	INTERRUPTOR SENCILLO	UN	1	$9,435	$ 9,435.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	1	$2,570	$ 2,570.00
	UNIONES EMT 3/4"	UN	0	$893	$ 0.00
	ELEMENTOS DE FIJACION TORNILLO	UN	3	$100	$ 300.00
				SUBTOTAL	$ 110,551.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.14	$ 223,082.80	$ 30,837.14
				SUBTOTAL	$ 30,837.14

TOTAL COSTO DIRECTO	$ 142,930.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 34,303.20
IMPREVISTOS	1%	$ 1,429.30
UTILIDAD	5%	$ 7,146.50
IVA SOBRE LA UTILIDAD	19%	$ 1,357.84
TOTAL COSTOS INDIRECTOS		$ 44,236.84
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 187,166.84

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.9**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE TRANSFORMADOR DE 30 KVA REGULADOR 208/120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 18,717.24	$ 18,717.24
				SUBTOTAL	$ 18,717.24

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TRANSFORMADOR REGULADOR DE 30 KVA	UN	1	$19,375,291	$ 19,375,291.00
				SUBTOTAL	**$ 19,375,291.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	10	$36,485	$ 364,850.00
				SUBTOTAL	**$ 364,850.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	1.68	$ 223,082.80	$ 374,344.76
				SUBTOTAL	**$ 374,344.76**

TOTAL COSTO DIRECTO	**$ 20,133,203.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,831,968.72
IMPREVISTOS	1%	$ 201,332.03
UTILIDAD	5%	$ 1,006,660.15
IVA SOBRE LA UTILIDAD	19%	$ 191,265.43
TOTAL COSTOS INDIRECTOS		**$ 6,231,226.33**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 26,364,429.33**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SANCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.10**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE LUMINARIA LED 60X60 40W 120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	**UND**	**44.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,970.69	$ 1,970.69
				SUBTOTAL	$ 1,970.69

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	LUMINARIA 60X60 LED 40W 120V	UN	1	$119,500	$ 119,500.00
				SUBTOTAL	**$ 119,500.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.18	$ 223,082.80	$ 39,413.81
				SUBTOTAL	**$ 39,413.81**

TOTAL COSTO DIRECTO	**$ 164,533.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 39,487.92
IMPREVISTOS	1%	$ 1,645.33
UTILIDAD	5%	$ 8,226.65
IVA SOBRE LA UTILIDAD	19%	$ 1,563.06
TOTAL COSTOS INDIRECTOS		**$ 50,922.96**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 215,455.96**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.11	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE LUMINARIA PANEL LED REDONDO DE 18W 120V. PARA COCINA, BANOS CUARTO DE ASEO, PASILLOS. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA	UND	36.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 679.96	$ 679.96
				SUBTOTAL	$ 679.96

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	PANEL LED REDONDO 18W SYLVANIA	UN	1	$18,500	$ 18,500.00
	ELEMENTOS DE FIJACION PANEL LED REDONDO	UN	0.3	$4,126	$ 1,237.80
				SUBTOTAL	$ 19,737.80

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.06	$ 223,082.80	$ 13,599.24
				SUBTOTAL	$ 13,599.24

TOTAL COSTO DIRECTO	$ 34,017.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 8,164.08
IMPREVISTOS	1%	$ 340.17
UTILIDAD	5%	$ 1,700.85
IVA SOBRE LA UTILIDAD	19%	$ 323.16
TOTAL COSTOS INDIRECTOS		$ 10,528.26
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 44,545.26

TOTAL NÚMERO DE FOLIOS	

Contratista

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Nombre de la empresa GRU S.A.S.
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Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.12**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE ACOMETIDA TRIFASICA A TN1 DESDE TGD 3X1/0+1/0+1/0T, ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA	**M**	**30.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 799.72	$ 799.72
				SUBTOTAL	$ 799.72

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CABLE CU LIBRE DE HALÓGENOS 1/0 AWG	ML	4.05	$41,500	$ 168,075.00
	CABLE CU 1/0 AWG DESNUDO	UN	1.05	$36,900	$ 38,745.00
	TERMINA DE PALA NO. 1/0	UN	0.1	$9,500	$ 950.00
	CINTA AISLANTE	ROLLO	0.1	$6,944	$ 694.40
				SUBTOTAL	**$ 208,464.40**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	**$ 3,648.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.07	$ 223,082.80	$ 15,994.38
				SUBTOTAL	**$ 15,994.38**

TOTAL COSTO DIRECTO	**$ 228,907.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 54,937.68
IMPREVISTOS	1%	$ 2,289.07
UTILIDAD	5%	$ 11,445.35
IVA SOBRE LA UTILIDAD	19%	$ 2,174.62
TOTAL COSTOS INDIRECTOS		**$ 70,846.72**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 299,753.72**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
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Nombre de la empresa GRU S.A.S.
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.13**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE CABLE TRENSADO 3X2 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS	**M**	**180.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 465.86	$ 465.86
				SUBTOTAL	$ 465.86

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CABLE CU LIBRE DE HALÓGENOS 12AWG TRIPLEX	M	1.05	$9,800	$ 10,290.00
				SUBTOTAL	**$ 10,290.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.04	$ 223,082.80	$ 9,317.29
				SUBTOTAL	**$ 9,317.29**

TOTAL COSTO DIRECTO	**$ 20,438.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 4,905.12
IMPREVISTOS	1%	$ 204.38
UTILIDAD	5%	$ 1,021.90
IVA SOBRE LA UTILIDAD	19%	$ 194.16
TOTAL COSTOS INDIRECTOS		**$ 6,325.56**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 26,763.56**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.14	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION SALIDA PARA AA EN TUBERIA EMT 1", CABLE 2X10+12T AWG LIBRE DE HALÓGENOS, CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE	UND	11.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 3,565.78	$ 3,565.78
				SUBTOTAL	$ 3,565.78

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ELEMENTOS DE SUJECIÓN	ML	1	$2,100	$ 2,100.00
	CABLE CU LIBRE DE HALÓGENOS 10AWG	ML	14.05	$4,700	$ 66,035.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	UN	7.05	$3,064	$ 21,601.20
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TUBO EMT DE 1"	ML	2.4	$16,667	$ 40,000.01
	TERMINAL EMT DE 1"	UN	2	$2,000	$ 4,000.00
	CURVA EMT DE 1"	UN	2	$30,200	$ 60,400.00
	UNION EMT DE 1"	UN	3	$3,000	$ 9,000.00
				SUBTOTAL	**$ 215,753.21**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.5	$36,485	$ 18,242.50
				SUBTOTAL	**$ 18,242.50**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.32	$ 223,082.80	$ 71,315.51
				SUBTOTAL	**$ 71,315.51**

TOTAL COSTO DIRECTO	**$ 308,877.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 74,130.48
IMPREVISTOS	1%	$ 3,088.77
UTILIDAD	5%	$ 15,443.85
IVA SOBRE LA UTILIDAD	19%	$ 2,934.33
TOTAL COSTOS INDIRECTOS		**$ 95,597.43**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 404,474.43**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Apoyo a la Supervisión

Firma
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	10,22	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO E INSTALACION DE CANALETA METALICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTATICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACION RETIE.	M	90.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 371.12	$ 371.12
				SUBTOTAL	$ 371.12

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CANALETA METALICA PINTURA ELECTROSTATICA	ML	1	$62,990	$ 62,990.00
	TROQUEL TRIPLE BLANCO	UN	0.3	$25,000	$ 7,500.00
	ALAMBRE DESNUDO 12 PUESTA A TIERRA	ML	1	$1,800	$ 1,800.00
	CHAZO PUNTILLA DE 1/4"	UN	6	$100	$ 600.00
				SUBTOTAL	$ 72,890.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.1	$36,485	$ 3,648.50
				SUBTOTAL	$ 3,648.50

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.03	$ 223,082.80	$ 7,422.38
				SUBTOTAL	$ 7,422.38

TOTAL COSTO DIRECTO	$ 84,332.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 20,239.68
IMPREVISTOS	1%	$ 843.32
UTILIDAD	5%	$ 4,216.60
IVA SOBRE LA UTILIDAD	19%	$ 801.15
	TOTAL COSTOS INDIRECTOS	$ 26,100.75
	PRECIO UNITARIO TOTAL APROXIMADO AL PESO	$ 110,432.75

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
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Firma
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Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	4.16	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE TABLERO TRIFASICO DE 30 CIRCUITOS CON ESPACIO PARA TOTALIZADOR INCLUYE TOTALIZADOR DE 100A A 200A, PROTECCIONES SEGÚN DIAGRAMA UNIFILAR, CONEXIÓN DE ACOMETIDA DESDE	UND	1.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 11,315.05	$ 11,315.05
				SUBTOTAL	$ 11,315.05

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TABLERO TRIFÁSICO DE 30 CIRCUITOS CON ESPACIO	UN	1	$458,053	$ 458,053.00
	BREAKER INDUSTRIAL DE 100A	UN	1	$275,500	$ 275,500.00
	BREAKER DE 1X20A	UN	15	$15,932	$ 238,980.00
	CINTA AISLANTE	ROLLO	2	$6,944	$ 13,888.00
	MARQUILLAS	GL	1	$25,000	$ 25,000.00
	BREAKER DE 2X40A	UN	4	$24,000	$ 96,000.00
	ELEMENTOS DE SUJESIÓN	GL	5	$6,800	$ 34,000.00
	BREAKER DE 2X50A	UN	1	$47,000	$ 47,000.00
				SUBTOTAL	**$ 1,188,421.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	1	$36,485	$ 36,485.00
				SUBTOTAL	**$ 36,485.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	1.01	$ 223,082.80	$ 226,300.95
				SUBTOTAL	**$ 226,300.95**

TOTAL COSTO DIRECTO	**$ 1,462,522.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 351,005.28
IMPREVISTOS	1%	$ 14,625.22
UTILIDAD	5%	$ 73,126.10
IVA SOBRE LA UTILIDAD	19%	$ 13,893.96
TOTAL COSTOS INDIRECTOS		**$ 452,650.56**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 1,915,172.56**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
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FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.17**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	**UND**	**6.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 1,929.05	$ 1,929.05
				SUBTOTAL	$ 1,929.05

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO	UN	1	$162,000	$ 162,000.00
				SUBTOTAL	**$ 162,000.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
			0.05		
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.17	$ 223,082.80	$ 38,580.95
				SUBTOTAL	**$ 38,580.95**

TOTAL COSTO DIRECTO	**$ 202,510.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 48,602.40
IMPREVISTOS	1%	$ 2,025.10
UTILIDAD	5%	$ 10,125.50
IVA SOBRE LA UTILIDAD	19%	$ 1,923.85
TOTAL COSTOS INDIRECTOS		**$ 62,676.85**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 265,186.85**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.18**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE SALIDA PARA SENSOR INFRARROJO EN TECHO, INCLUYE CABLE, CONECTORES Y ELEMENTOS DE FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA	**UND**	**6.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,463.25	$ 2,463.25
				SUBTOTAL	$ 2,463.25

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	2	$19,351	$ 38,702.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	UN	6	$3,064	$ 18,384.00
	CAJA 5800 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	3	$893	$ 2,679.00
	CONECTOR DE RESORTE 3M	UN	3	$2,000	$ 6,000.00
				SUBTOTAL	**$ 83,522.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.01	$36,485	$ 364.85
				SUBTOTAL	**$ 364.85**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.22	$ 223,082.80	$ 49,264.90
				SUBTOTAL	**$ 49,264.90**

TOTAL COSTO DIRECTO	**$ 135,615.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 32,547.60
IMPREVISTOS	1%	$ 1,356.15
UTILIDAD	5%	$ 6,780.75
IVA SOBRE LA UTILIDAD	19%	$ 1,288.34
TOTAL COSTOS INDIRECTOS		**$ 41,972.84**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 177,587.84**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa: GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
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Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.19**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA GFCI, INCLUYE CANA 2400 ALUMINIO FUNDIDO, CONECTORES Y SOPORTES DE TUBERÍA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS,	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 2,996.75	$ 2,996.75
				SUBTOTAL	$ 2,996.75

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 3/4"	ML	3	$19,351	$ 58,053.00
	CABLE CU LIBRE DE HALÓGENOS 12AWG	UN	10	$3,064	$ 30,640.00
	TOMA GFCI	UN	1	$68,900	$ 68,900.00
	CAJA 2400 ALUMINIO FINDIDO	UN	1	$12,617	$ 12,617.00
	TERMINALES EMT 3/4"	UN	2	$2,570	$ 5,140.00
	UNIONES EMT 3/4"	UN	1	$893	$ 893.00
	ABRAZADERA DOBLE ALA	UN	3	$4,126	$ 12,378.00
	CONECTOR DE RESORTE 3M	UN	3	$2,000	$ 6,000.00
				SUBTOTAL	**$ 194,621.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.27	$ 223,082.80	$ 59,935.00
				SUBTOTAL	**$ 59,935.00**

TOTAL COSTO DIRECTO	**$ 259,377.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 62,250.48
IMPREVISTOS	1%	$ 2,593.77
UTILIDAD	5%	$ 12,968.85
IVA SOBRE LA UTILIDAD	19%	$ 2,464.08
TOTAL COSTOS INDIRECTOS		**$ 80,277.18**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 339,654.18**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.20**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE ACOMETIDA DESDE TN1 HASTA UPS Y TR1 3X6+4+8T, INCLUYE TERMINALES. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA	**M**	**15.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 491.04	$ 491.04
				SUBTOTAL	$ 491.04

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CABLE DE COBRE 6 AWG LIBRE DE HALÓGENOS PARA	ML	4.05	$12,100	$ 49,005.00
	CABLE DE COBRE 8AWG LIBRE DE HALÓGENOS PARA	ML	1.05	$7,500	$ 7,875.00
	TERMINA DE PALA NO. 6	UN	0.2	$9,500	$ 1,900.00
	TERMINAL DE PALA NO. 8	UN	0.1	$9,500	$ 950.00
	CABLE DE COBRE 4 AWG LIBRE DE HALÓGENOS	M	1.05	$18,500	$ 19,425.00
	TERMINAL DE PALA NO. 4	UN	0.1	$9,800	$ 980.00
				SUBTOTAL	**$ 80,135.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.05	$36,485	$ 1,824.25
				SUBTOTAL	**$ 1,824.25**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.04	$ 223,082.80	$ 9,820.71
				SUBTOTAL	**$ 9,820.71**

TOTAL COSTO DIRECTO	**$ 92,271.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	|
IMPREVISTOS	1%	$ 922.71
UTILIDAD	5%	$ 4,613.55
IVA SOBRE LA UTILIDAD	19%	$ 876.57
TOTAL COSTOS INDIRECTOS		**#¡VALOR!**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**#¡VALOR!**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.21**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
SUMINISTRO, TRANSPORTE E INSTALACION DE TUBO EMT DE 2" PARA ACOMETIDA DE TGD A TN1. INCLUYE CURBAS, TERMINALES, UNIONES, Y ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO	**M**	**20.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 3,553.82	$ 3,553.82
				SUBTOTAL	$ 3,553.82

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	TUBO EMT 2"	M	1	$35,667	$ 35,666.67
	CURVA 2" EMT	UN	0.4	$16,800	$ 6,720.00
	UNIÓN EMT DE 2"	UN	0.34	$7,300	$ 2,482.00
	TERMINAL EMT DE 2"	UN	0.1	$6,500	$ 650.00
	ELEMENTOS DE SUJECIÓN TUBERIA 2" EMT	GLB	1	$6,800	$ 6,800.00
				SUBTOTAL	**$ 52,318.67**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	0.06	$36,485	$ 2,189.10
				SUBTOTAL	**$ 2,189.10**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.32	$ 223,082.80	$ 71,076.41
				SUBTOTAL	**$ 71,076.41**

TOTAL COSTO DIRECTO	**$ 129,138.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 30,993.12
IMPREVISTOS	1%	$ 1,291.38
UTILIDAD	5%	$ 6,456.90
IVA SOBRE LA UTILIDAD	19%	$ 1,226.81
TOTAL COSTOS INDIRECTOS		**$ 39,968.21**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 169,106.21**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

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Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

	PRESUPUESTO		
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**4.22**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SUMINISTRO, TRANSPORTE E INSTALACION DE MEDIDOR ELECTRONICO CALIBRADO TRIFASICO CONTADOR HIKING ESTATICO TRIFA 5 - 100 A, PARA INSTALAR ANTES DEL TABLERO TN1 PARA TENER MEDIDA DE CONSUMO, INCLUYE CAJA	**UND**	**1.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 5,323.48	$ 5,323.48
				SUBTOTAL	$ 5,323.48

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	MEDIDOR ELÉCTRICO TRIFÁSICO 5 HILOS	M	1	$278,000	$ 278,000.00
	CAJA HOLGADA PARA MEDIDOR	UN	1	$150,000	$ 150,000.00
	ELEMENTOS DE SUJECIÓN PARA TRIFÁSICO 5 HILOS	UN	0.2	$47,000	$ 9,400.00
				SUBTOTAL	**$ 437,400.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CAMIONETA	HR	1	$36,485	$ 36,485.00
				SUBTOTAL	**$ 36,485.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS TÉCNICAS 1-1	JR	0.48	$ 223,082.80	$ 106,469.52
				SUBTOTAL	**$ 106,469.52**

TOTAL COSTO DIRECTO	**$ 585,678.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 140,562.72
IMPREVISTOS	1%	$ 5,856.78
UTILIDAD	5%	$ 29,283.90
IVA SOBRE LA UTILIDAD	19%	$ 5,563.94
TOTAL COSTOS INDIRECTOS		**$ 181,267.34**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 766,945.34**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista ó su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	5.1	CÓDIGO	

Descripción	Unidad de medida	Cantidad
ASEO GENERAL TANTO DE LA PARTE INTERNA COMO EXTERNA Y DONDE SE HAYAN REALIZADO ACTIVIDADES PARA PODER EJECUTAR LA OBRA. (INCLUYE RETIRO DE SOBRANTES AL REALIZAR EL ASEO)	M2	361.01

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 106.60	$ 106.60
				SUBTOTAL	$ 106.60

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	AGUA	LTR	0.1	$67	$ 6.70
				SUBTOTAL	$ 6.70

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	CARGUE MANUAL, TRANSPORTE Y BOTADA DE	M3	0.06	$39,990	$ 2,399.40
	DESECHO DISPOSICIÓN DE MATERIALES	M3	0.03	$7,545	$ 226.35
				SUBTOTAL	$ 2,625.75

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	CUADRILLAS ALBAÑILERÍA 1-1	JR	0.01	$ 155,662.33	$ 2,131.95
				SUBTOTAL	$ 2,131.95

TOTAL COSTO DIRECTO	$ 4,871.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
ADMINISTRACIÓN	24%	$ 1,169.04
IMPREVISTOS	1%	$ 48.71
UTILIDAD	5%	$ 243.55
IVA SOBRE LA UTILIDAD	19%	$ 46.27
TOTAL COSTOS INDIRECTOS		$ 1,507.57
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 6,378.57

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

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Supervisor

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Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1-1**	**CÓDIGO**	

Descripción	Unidad de medida	Cantidad
ESCRITORIO EN L PARA OFICINA CON CAJONERA DE 150X150X60CM. SUPERFICIE LISA ELABORADA EN MADECOR DE 25MM TERMOSELLADO CON PVC, FALDERO EN FORMICA DE 15MM CON CANTO RÍGIDO EN PVC CON MEDIDAS 90X60CM, TUBOS	**und**	**5.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 0.00	$ 0.00
				SUBTOTAL	$ 0.00

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ESCRITORIO EN L CON ARCHIVADOR. INCLUYE	UN	1	$940,660	$ 940,660.00
				SUBTOTAL	**$ 940,660.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

TOTAL COSTO DIRECTO	**$ 940,660.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
IVA	19%	$ 178,725.40
TOTAL COSTOS INDIRECTOS		**$ 178,725.40**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 1,119,385.40**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1-2**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
SILLAS OPERATIVA ERGONOMICA GRADUABLE PARA USO DE OFICINA. ESTAS DEBEN CUMPLIR CON EL MANUAL DE ESTANDARIZACIÓN DE ESPACIOS DE TRABAJO PARA ENTIDADES DEL ESTADO.	**und**	**8.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 0.00	$ 0.00
				SUBTOTAL	$ 0.00

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	SILLA OPERATIVA ESGONÓMICA. INCLUYE	UN	1	$353,478	$ 353,478.00
				SUBTOTAL	**$ 353,478.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

TOTAL COSTO DIRECTO	**$ 353,478.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
IVA	19%	$ 67,160.82
TOTAL COSTOS INDIRECTOS		**$ 67,160.82**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 420,638.82**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO		
ANALISIS DE PRECIOS UNITARIOS		
CÓDIGO	PROCESO	VERSIÓN
		1

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	GC-LP-064-2024	CONTRATO No.	GC-LP-064-2024
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	X	ITEMS NO PREVISTOS	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	PRELIMINARES	CAPÍTULO	
SUBCAPÍTULO		SUBCAPÍTULO	
ÍTEM	1-3	CÓDIGO	

Descripción	Unidad de medida	Cantidad
SILLAS INTERLOCUTORAS TIPO ISOSCELES O SIMILAR PARA USO DE OFICINA. ESTAS DEBEN CUMPLIR CON EL MANUAL DE ESTANDARIZACIÓN DE ESPACIOS DE TRABAJO PARA ENTIDADES DEL ESTADO.	und	6.00

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 0.00	$ 0.00
				SUBTOTAL	$ 0.00

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	SILLA INTERLOCUTORA TIPO ISOSCELES O SIMILARES.	UN	1	$182,420	$ 182,420.00
				SUBTOTAL	$ 182,420.00

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
				SUBTOTAL	$ 0.00

TOTAL COSTO DIRECTO	$ 182,420.00

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
IVA	19%	$ 34,659.80
TOTAL COSTOS INDIRECTOS		$ 34,659.80
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		$ 217,079.80

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

FORMATO			
ANALISIS DE PRECIOS UNITARIOS			
CÓDIGO	PROCESO	VERSIÓN	
		1	

A. DATOS GENERALES

FECHA			
NÚMERO DEL PROCESO	**GC-LP-064-2024**	**CONTRATO No.**	**GC-LP-064-2024**
OBJETO	ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR		
ITEMS DE LA PROPUESTA ECONÓMICA	**X**	**ITEMS NO PREVISTOS**	

B. DATOS ESPECIFICOS

PRESUPUESTO			
CAPÍTULO	**PRELIMINARES**	**CAPÍTULO**	
SUBCAPÍTULO		**SUBCAPÍTULO**	
ÍTEM	**1-4**	**CÓDIGO**	

Descripción	**Unidad de medida**	**Cantidad**
ESTANTERIAS. ESTRUCTURA METALICA EN LAMINA COLD ROLLED CALIBRE 16 ACABADO EN PINTURA EN POLVO ELECTROSTÁTICA HORNEABLE DE ALTA RESISTENCIA Y ENTREPAÑOS GRADUABLES EN LÁMINA CALIBRE 22. ESTAS	**und**	**3.00**

1. EQUIPO

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
	HERRAMIENTA MENOR	DIA	1.0	$ 0.00	$ 0.00
				SUBTOTAL	$ 0.00

2. MATERIALES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
	ESTANTERÍAS PARA ALMACENAMIENTO. INCLUYE	UN	1	$447,487	$ 447,487.00
				SUBTOTAL	**$ 447,487.00**

3. TRANSPORTES

Código Insumo	Descripción	Unidad de medida	Cantidad	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

4. MANO DE OBRA

Código Insumo	Descripción	Unidad de medida	Rendimiento	Valor Unitario	Valor Parcial
				SUBTOTAL	**$ 0.00**

TOTAL COSTO DIRECTO	**$ 447,487.00**

5. COSTOS INDIRECTOS

Descripción	Porcentaje	Valor Total
IVA	19%	$ 85,022.53
TOTAL COSTOS INDIRECTOS		**$ 85,022.53**
PRECIO UNITARIO TOTAL APROXIMADO AL PESO		**$ 532,509.53**

TOTAL NÚMERO DE FOLIOS	

Contratista

Firma
Nombre: GILDARDO CASTILLO SÁNCHEZ
Representante Legal del Contratista o su Apoderado
Nombre de la empresa: GRU S.A.S.
Matricula No. :

Aprobación Interventoría

Firma
Nombre:
Representante Legal del Interventor o su Apoderado
Nombre de la empresa
Matricula No. :

Nota: En caso de no contar con interventoría, el formato debe firmarlo el supervisor del contrato y el apoyo a la supervisión

Supervisor

Firma
Nombre:

Apoyo a la Supervisión

Firma
Nombre:

DESGLOSE
AIU

COLOMBIA POTENCIA DE LA VIDA

ICA Instituto Colombiano Agropecuario

ADMINISTRACION, IMPREVISTOS Y UTILIDADES (A.I.U)
CONTRATO GGC-089-24

COSTO DIRECTO OBRA CIVIL	**$ 863.421.660,98**	**TIEMPO DE EJECUCIÓN EN MESES**	**4,00**
		IVA	**0.19**

COSTO DEL PERSONAL ADMINISTRATIVO DE LA OBRA + PRESTACIONES SOCIALES 2023

PROFESIONAL	CATEGORIA	CANTIDAD	SALARIO	MESES	DEDICACIÓN / MES	VALOR TOTAL
PERSONAL PROFESIONAL						
Director de Obra	PROFESIONAL	1	$ 5.143.220,00	4,00	0,30	$ 6.171.864,00
Residente de obra	PROFESIONAL	2	$ 4.414.576,00	4,00	1,00	$ 35.316.608,00
Ingeniero Electricista	PROFESIONAL	1	$ 5.143.220,00	4,00	0,30	$ 6.171.864,00
Ingeniero Estructural	PROFESIONAL	1	$ 5.143.220,00	4,00	0,30	$ 6.171.864,00
Inspector SISOMA	PROFESIONAL	2	$ 4.393.500,00	4,00	1,00	$ 35.148.000,00
					TOTAL SALARIOS	**$ 88.980.200,00**

IMPUESTOS OBRA CIVIL			
CONTRIBUCIÓN ESPECIAL (IMPUESTO DE GUERRA LEY 1106 del 2006)	$ 1.122.319.818,55	0,05	$ 56.115.990,93
ESTAMPILLA UNIVERSIDAD NACIONAL (1697 DEL 2013)	$ 1.122.319.818,55	0,01	$ 11.223.198,19
I.C.A. OBRA	$ 1.122.319.818,55	10X1000	$ 11.223.198,19
RETENCION EN LA FUENTE	$ 1.122.319.818,55	0,02	$ 22.446.396,37
RETEIVA	$ 10.096.445,73	0,15	$ 1.514.466,86
IMPUESTOS EQUIPOS			
		TOTAL GASTOS IMPUESTOS	**$ 101.008.783,67**

GASTOS GENERALES

DESCRIPCION	UNIDAD	VALOR UNITARIO	CANTIDAD	VALOR TOTAL
COSTO MENSUAL DE SERVICIOS PUBLICOS				
SERVICIO DE ENERGIA	Ms	$ 150.000,00	4,00	$ 600.000,00
SERVICIO DE ACUEDUCTO Y ALCANTARILLADO	Ms	$ 180.000,00	4,00	$ 720.000,00
SERVICIO COMUNICACIONES (PLAN MOVIL- LINEA FIJA)	Ms	$ 60.000,00	4,00	$ 240.000,00
SERVICIO DE INTERNET	Ms	$ 85.000,00	4,00	$ 340.000,00
			TOTAL GASTOS GENERALES	**$ 1.900.000,00**

COSTOS DE LEGALIZACIÓN DE CONTRATO / POLIZAS

ITEM					VALOR TOTAL
CUMPLIMIENTO DEL CONTRATO					$ 575.644,93
SALARIOS Y PRESTACIONES SOCIALES					$ 863.467,40
ESTABILIDAD DE OBRA					$ 2.302.579,74
GASTOS DE EXPEDICION					$ 45.014,49
IVA 19%					$ 710.921,49
ITEM				**SUBTOTAL**	**$ 4.497.628,06**
RESPONSABILIDAD CIVIL					$ 606.666,67
GASTOS DE EXPEDICION					$ 7.000,00
IVA 19%					$ 115.266,67
				SUBTOTAL	**$ 728.933,33**
				TOTAL COSTOS DE LEGALIZACIÓN DEL CONTRATO	**$ 5.226.561,39**

COSTOS ADICIONALES EN OBRA

ITEM	UNIDAD	CANTIDAD	VALOR UNITARIO	MES	VALOR TOTAL
TRANSPORTE PERSONAL	Gl	1	$ 1.551.413,40	4,00	$ 6.205.653,59
PLAN DE MANEJO AMBIENTAL	Gl	1	$ 880.000,00	1,00	$ 880.000,00
ENSAYOS DE LABORATORIO	Gl	1	$ 880.000,00	4,00	$ 3.520.000,00
				TOTAL DE DOTACION DE CAMPAMENTO	**$ 6.205.653,59**

OTROS GASTOS GENERALES

ITEM	UNIDAD	CANTIDAD	VALOR UNITARIO	RENDIMIENTO	VALOR TOTAL
GASTOS DE PAPELERIA (RESMAS PAPEL, TINTAS IMPRESORA, ETC.)	Gl	1	$ 1.500.000,00	1,00	$ 1.500.000,00
ELABORACION MANUAL DE OPERACIÓN Y MANTENIMIENTO	Gl	1	$ 900.000,00	1,00	$ 900.000,00
PLANOS RECORD	Gl	1	$ 1.500.000,00	1,00	$ 1.500.000,00
				TOTAL GASTOS GENERALES	**$ 3.900.000,00**

TOTAL ADMINISTRACION (A)	**24,00%**	**$ 207.221.198,64**
IMPREVISTOS (I)	**1,00%**	**$ 8.634.216,61**
UTILIDAD (U)	**5,00%**	**$ 43.171.083,05**
IVA SOBRE UTILIDAD (19%)	**19,00%**	**$ 8.202.505,78**
TOTAL (A+I+U)	**30,00%**	**$ 259.026.498,30**
TOTAL (A+I+U) + IVA SOBRE UTILIDAD		**$ 267.229.004,08**

GESTION RURAL Y URBANA SAS
NIT: 830.128.894 - 1
Representante Legal / Gildardo Castillo Sánchez
C.C. 19.265.723

CUADRO DE CUADRILLAS

ANALISIS DE CUADRILLAS - 2023

SALARIO MINIMO + AUX. TRANSPORTE	$	1,160,000.00	
S.M. + PRESTACIONES	$	1,836,048.00	
AUX TRANS.	$	140,606.00	

	TRABAJADOR	COSTO MES	COSTO JORNAL	COST. JORNAL+PREST.	COSTO HORA
CC1	AYUDANTE	$ 1,160,000.00	$ 38,666.67	$ 62,264.93	$ 7,783.12
CC2	OFICIAL	$ 1,740,000.00	$ 58,000.00	$ 93,397.40	$ 11,674.68
CC3	MAESTRO	$ 2,320,000.00	$ 77,333.33	$ 124,529.87	$ 15,566.23
CC4	PLOMERO	$ 2,320,000.00	$ 77,333.33	$ 124,529.87	$ 15,566.23
CC5	TECNICO ELECTRICISTA	$ 2,320,000.00	$ 77,333.33	$ 124,529.87	$ 15,566.23
CC7	TECNICO	$ 2,320,000.00	$ 77,333.33	$ 124,529.87	$ 15,566.23
CC6	COMISION TOPOGRAFÍA (Inc. Topografo y Cadenero)	$ 11,100,000.00	$ 370,000.00	$ 595,811.00	$ 74,476.38

	CUADRILLAS ALBAÑILERÍA	COSTO MES	COSTO JORNAL	COST. JORNAL+PREST.	COSTO HORA
cc8	CUADRILLAS ALBAÑILERÍA 0-1	$ 1,160,000.00	$ 38,666.67	$ 62,264.93	$ 7,783.12
cc9	CUADRILLAS ALBAÑILERÍA 0-2	$ 2,320,000.00	$ 77,333.33	$ 124,529.87	$ 15,566.23
cc10	CUADRILLAS ALBAÑILERÍA 0-3	$ 3,480,000.00	$ 116,000.00	$ 186,794.80	$ 23,349.35
cc11	CUADRILLAS ALBAÑILERÍA 1-1	$ 2,900,000.00	$ 96,666.67	$ 155,662.33	$ 19,457.79
cc12	CUADRILLAS ALBAÑILERÍA 1-2	$ 4,060,000.00	$ 135,333.33	$ 217,927.27	$ 27,240.91
cc13	CUADRILLAS ALBAÑILERÍA 1-3	$ 5,220,000.00	$ 174,000.00	$ 280,192.20	$ 35,024.03
cc14	CUADRILLAS ALBAÑILERÍA 1-4	$ 6,380,000.00	$ 212,666.67	$ 342,457.13	$ 42,807.14
cc15	CUADRILLAS ALBAÑILERÍA 2-1	$ 4,640,000.00	$ 154,666.67	$ 249,059.73	$ 31,132.47
cc16	CUADRILLAS ALBAÑILERÍA 2-2	$ 5,800,000.00	$ 193,333.33	$ 311,324.67	$ 38,915.58
cc17	CUADRILLAS ALBAÑILERÍA 2-3	$ 6,960,000.00	$ 232,000.00	$ 373,589.60	$ 46,698.70
cc18	CUADRILLAS ALBAÑILERÍA 2-4	$ 8,120,000.00	$ 270,666.67	$ 435,854.53	$ 54,481.82
cc19	CUADRILLA CARPINTERIA 1-1	$ 3,596,850.00	$ 119,895.00	$ 193,066.92	
				$ -	
				$ -	

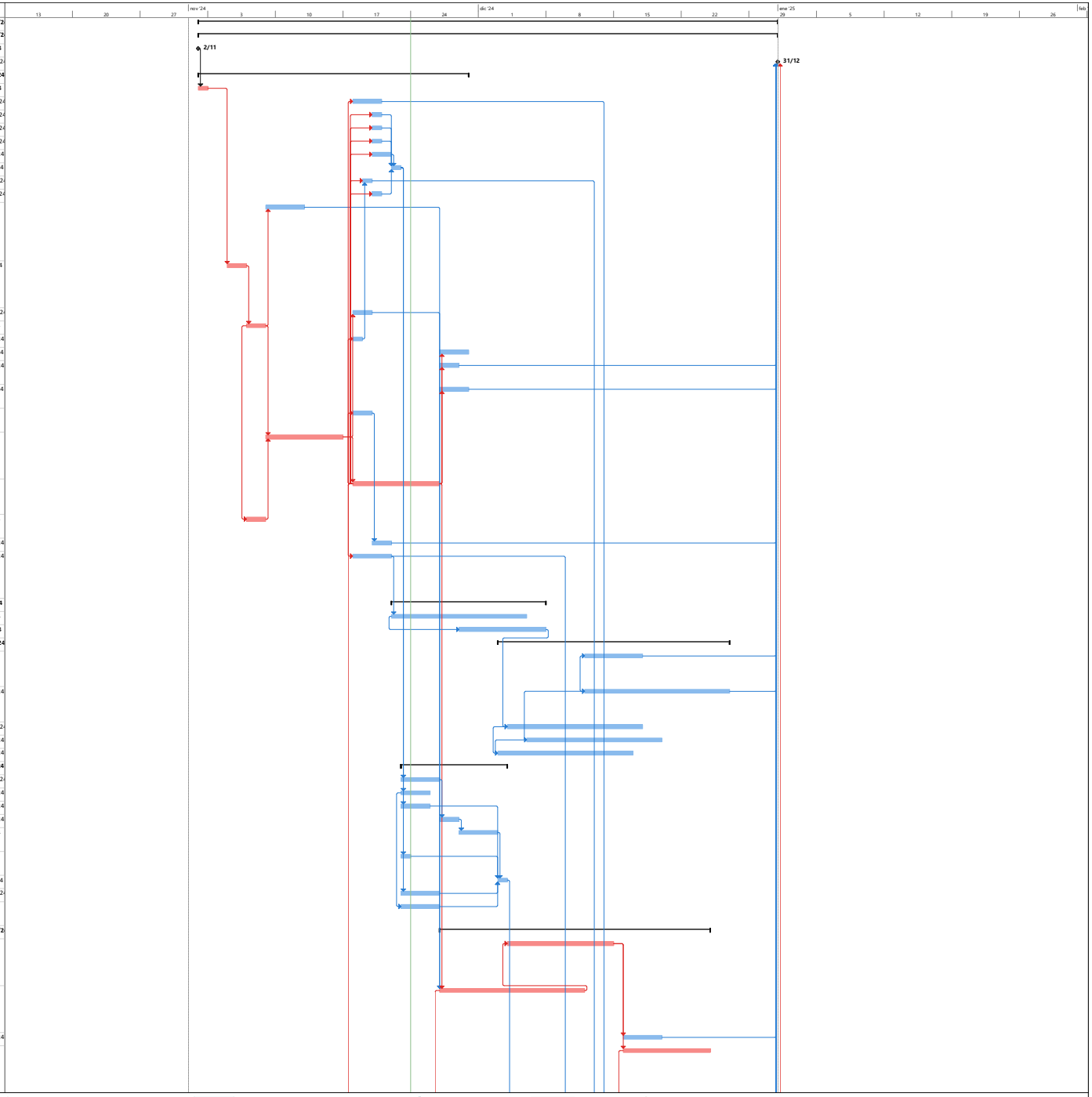
	CUADRILLAS TÉCNICAS (PLOMERÍA Y ELECTRICIDAD Y ORNAMENTACION)	MES	DIA	COST. JORNAL+PREST.	HORA
CC20	CUADRILLAS TÉCNICAS 0-1	$ 1,836,048.00	$ 61,201.60	$ 98,552.94	$ 7,650.20
CC21	CUADRILLAS TÉCNICAS 0-2	$ 3,672,096.00	$ 122,403.20	$ 197,105.87	$ 15,300.40
CC22	CUADRILLAS TÉCNICAS 0-3	$ 5,508,144.00	$ 183,604.80	$ 295,658.81	$ 22,950.60
CC23	CUADRILLAS TÉCNICAS 1-1	$ 4,156,048.00	$ 138,534.93	$ 223,082.80	$ 17,316.87
CC24	CUADRILLAS TÉCNICAS 1-2	$ 5,992,096.00	$ 199,736.53	$ 321,635.74	$ 24,967.07
CC25	CUADRILLAS TÉCNICAS 1-3	$ 7,828,144.00	$ 260,938.13	$ 420,188.68	$ 32,617.27
CC26	CUADRILLAS TÉCNICAS 2-1	$ 6,476,048.00	$ 215,868.27	$ 347,612.67	$ 26,983.53
CC27	CUADRILLAS TÉCNICAS 2-2	$ 8,312,096.00	$ 277,069.87	$ 446,165.61	$ 34,633.73
CC28	CUADRILLAS TÉCNICAS 2-3	$ 10,148,144.00	$ 338,271.47	$ 544,718.54	$ 42,283.93
CC29	CUADRILLAS TÉCNICAS 2-4	$ 11,984,192.00	$ 399,473.07	$ 643,271.48	$ 49,934.13
CC30	CUADRILLAS TÉCNICAS 2-5	$ 13,820,240.00	$ 460,674.67	$ 741,824.42	$ 57,584.33
CC31	CUADRILLAS TÉCNICAS 2-6	$ 15,656,288.00	$ 521,876.27	$ 840,377.35	$ 65,234.53

FACTOR PRESTACIONAL

DESCRIPCIÓN PERSONAL (Profesional, técnico y operativo)	VALOR VALOR	MENSUAL TOTAL (MESES)
a. Sueldo	$ 1,160,000.00	$ -
b. Auxilio de Transporte	$ 140,606.00	$ -
A. TARIFA BASE PERSONA MES (a+b)		
c. Cesantías 8,33%	$ 96,628.00	$ -
d. Intereses sobre cesantías 1%	$ 11,600.00	$ -
e. Prima 8,33%	$ 96,628.00	$ -
f. Vacaciones 4.16%	$ 48,372.00	$ -
g. Salud 8,5%	$ 98,600.00	$ -
h. Aporte pensión 12%	$ 139,200.00	$ -
i. Riesgos profesionales 6,96%	$ 80,736.00	$ -
j. Caja compensación 4%	$ 46,400.00	$ -
k.ICBF 3%		$ -
l. Sena 2%		
FIC 2,5%	$ 29,000.00	$ -
DOTACION 3,66%	$ 42,456.00	
ELEMENTOS DE PROTECCION 1,59%	$ 18,444.00	
COSTO TOTAL	**$ 1,918,770.00**	**$ -**

PROGRAMACION

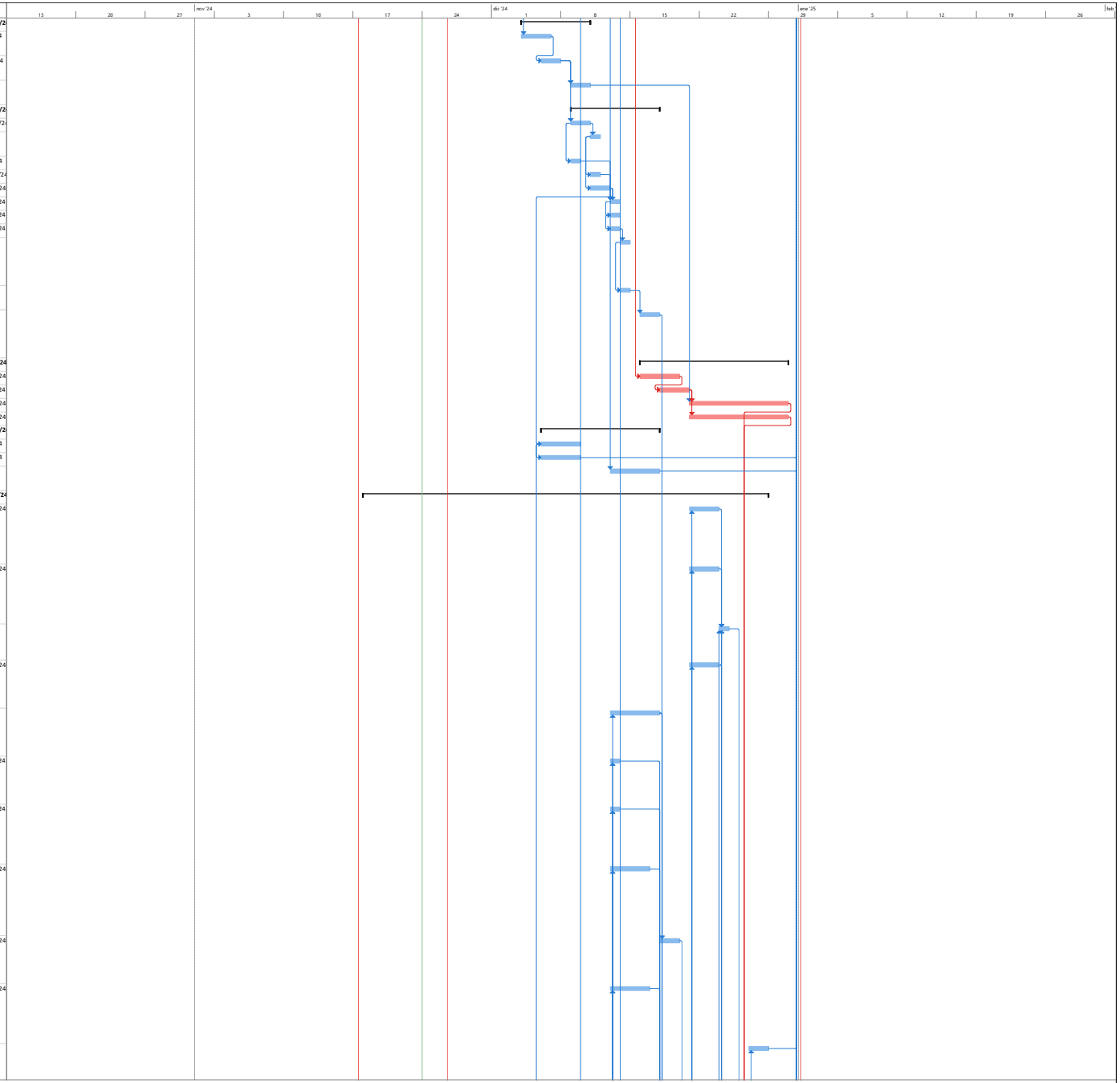
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
1		**1**	**PROGRAMACION CONTRATO GGC-089-2024**	**48 días**	**sáb 2/11/24**	**mar 31/12/2**
2		**1,1**	**MAGANGUE**	**48 días**	**sáb 2/11/24**	**mar 31/12/2**
3		1.1.1	INICIO DE OBRA MAGANGUE	0 días	sáb 2/11/24	sáb 2/11/24
4		1.1.2	ENTREGA MAGANGUE	0 días	mar 31/12/24	mar 31/12/24
5		**1,00**	**PRELIMINARES**	**22 días**	**sáb 2/11/24**	**vie 29/11/24**
6		1,1	Localización y replanteo	1 día	sáb 2/11/24	sáb 2/11/24
7		1,2	Desmonte de ventanas	3 días	lun 18/11/24	mié 20/11/24
8		1,3	Demolición manual de mesón en concreto	1 día	mié 20/11/24	mié 20/11/24
9		1,4	Desmonte de aparato sanitario	1 día	mié 20/11/24	mié 20/11/24
10		1,5	Desmonte de lavamanos	1 día	mié 20/11/24	mié 20/11/24
11		1,6	Desmonte de división para baño en acrilico	2 días	mié 20/11/24	jue 21/11/24
12		1,7	Demolición manual de enchape o pañete (revoque)	1 día	vie 22/11/24	vie 22/11/24
13		1,8	Desmonte de marcos y puertas	1 día	mar 19/11/24	mar 19/11/24
14		1,9	Desmonte de poceta en acero inoxidable	1 día	mié 20/11/24	mié 20/11/24
15		1,10	Desmonte y reinstalación de archivadores, consiste en la reubicación de los archivadores en el área documental, esto con el fin de redistribuir el espcio acorde con el acuerdo 049 de 2000 Repositorio Normativo Archivo gereneral de la Nación.Incluye resane	2 días	sáb 9/11/24	mar 12/11/24
16		1,11	Instalación de CERRAMIENTO PROVISIONAL en tela verde polietileno de alta densidad y resistencia 65 gr/m2 con una altura de 2,10 m, estacones de madera común para fijación vertical de altura de 2,50 m puesto mínimo cada 2,0 m, elementos de fijación, Incluy	2 días	mar 5/11/24	mié 6/11/24
17		1,12	Desmonte de canal en lámina ó pvc	2 días	lun 18/11/24	mar 19/11/24
18		1,13	Desmonte de cielo raso	2 días	jue 7/11/24	vie 8/11/24
19		1,14	Desmonte de cortinas, persianas y cortineros.	1 día	lun 18/11/24	lun 18/11/24
20		1,15	Desmonte de Aire Acondicionado	3 días	mié 27/11/24	vie 29/11/24
21		1,16	Desmonte de cerramiento en alambre de puas con postes de madera	2 días	mié 27/11/24	jue 28/11/24
22		1,17	Retiro y botada de escombros. Incluye cargue, transporte y botada de material.	3 días	mié 27/11/24	vie 29/11/24
23		1,18	Rocería y limpieza manual y/o con equipo, control de maleza y crecimiento de material vegetal (incluye retiro y disposición final)	2 días	lun 18/11/24	mar 19/11/24
24		1,19	Desmonte de teja de asbesto cemento existente. La mano de obra incluye los elementos requeridos de protección para el manejo de esta teja. Incluye manejo especial, cargue, transporte y botada especial al sitio permitido de manejo de estos elementos.	6 días	sáb 9/11/24	sáb 16/11/24
25		1,20	Desmonte de estructura de cubierta existente. Incluye mano de obra de desinstalación, cargue, transporte y botada con derecho a botadero	8 días	lun 18/11/24	mar 26/11/24
26		1,21	Desmonte de escritorios y sillas.Incluye moverlos o trasladarlos a sitio de acopio debidamente envueltos en plástico	2 días	jue 7/11/24	vie 8/11/24
27		1,22	Poda de ramas	2 días	mié 20/11/24	jue 21/11/24
28		1,23	Demolición pisos, andenes, cunetas y bordillos de concreto, en cualquier espesor. Incluye: retiro de malla de refuerzo si existe, compresor neumático con martillo, además recuperación de lo materiales aprovechables, cargue, transporte hasta el sitio de ac	4 días	lun 18/11/24	jue 21/11/24
29		**2,00**	**MOVIMIENTO DE TIERRAS**	**14 días**	**vie 22/11/24**	**sáb 7/12/24**
30		2,1	Excavación manual h= 0-2 m. Incluye cargue y retiro.	12 días	vie 22/11/24	jue 5/12/24
31		2.2	Lleno compactado con recebo común	8 días	vie 29/11/24	sáb 7/12/24
32		**3,00**	**CERRAMIENTO**	**20 días**	**mar 3/12/24**	**jue 26/12/24**
33		3,1	Mantenimiento cerramiento existente en Pintura anticorrosiva y acabado en esmalte para exteriores.	5 días	jue 12/12/24	mar 17/12/24
34		3,2	Cerramiento en tubo redondo galvanizado de 2. Incluye pata de anclaje y tapon metalico pintado con Pintura anticorrosiva y acabado en esmalte para exteriores.	12 días	jue 12/12/24	jue 26/12/24
35		3,3	Acero para refuerzo	12 días	mié 4/12/24	mar 17/12/24
36		3,4	Concreto de 3000 psi	12 días	vie 6/12/24	jue 19/12/24
37		3,5	Solado en concreto ciclopeo	12 días	mar 3/12/24	lun 16/12/24
38		**4,00**	**INSTALACIONES HIDRÁULICAS Y SANITARIAS**	**9 días**	**sáb 23/11/24**	**mar 3/12/24**
39		4,1	Tubería cpvc presión Ø= 1/2 (incl. accesorios)	3 días	sáb 23/11/24	mar 26/11/24
40		4,2	Tubería pvc presión Ø= 2 (incl. accesorios)	2 días	sáb 23/11/24	lun 25/11/24
41		4,3	Tubería pvc sanitaria Ø= 3 (incl. accesorios)	2 días	sáb 23/11/24	lun 25/11/24
42		4,4	Punto hidráulico cpvc de 1/2 (3 m)	2 días	mié 27/11/24	jue 28/11/24
43		4,5	Valvula de registro de 1/2 incluye tapa de registro	3 días	vie 29/11/24	lun 2/12/24
44		4,6	Tubería drenaje mini split pvc 1 (incl. accesorios)	1 día	sáb 23/11/24	sáb 23/11/24
45		4,7	Rejilla para piso en pvc 3x2	1 día	mar 3/12/24	mar 3/12/24
46		4,8	Tubería pvc Ø= 4 (incl. accesorios)	3 días	sáb 23/11/24	mar 26/11/24
47		4,9	Suministro e Instalacion de Tubería pvc-s sanitaria Ø= 2 (Incluye accesorios)	3 días	sáb 23/11/24	mar 26/11/24
48		**5,00**	**CUBIERTA**	**24 días**	**mié 27/11/24**	**mar 24/12/2**
49		5,1	Suministro, transporte e instalación de cubierta (Teja Termoacústica kingroof ECO - panel tipo sandwich con aislante en polisocianurato PIR SAFE e:30mm Blanco o verde, calibre 28, lámina interna Foil Vinil Color natural). Incluye los caballetes y remates	10 días	mié 4/12/24	sáb 14/12/24
50		5,2	Construcción y montaje de estructura metálica con perfilería tipo PERFILERIA TIPO IPE, HEA, PHR-C, PTE para elementos de cubierta, fachada, rampas o áreas de circulación metálicas, según diseño. Incluye: suministro y transporte de láminas, platinas, union	13 días	mié 27/11/24	mié 11/12/24
51		5,3	Canal en lámina galvanizada Cal. 20 S= 50 cm	4 días	lun 16/12/24	jue 19/12/24
52		5,4	Cielo raso continuo en PVC blanco resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios necesarios para su correcta instalación, y las per	8 días	lun 16/12/24	mar 24/12/24



Proyecto: MAGANGUE Y CARM
Fecha: dom 24/11/24

Tarea · Hito · Resumen del proyecto · Hito inactivo · Tarea manual · Informe de resumen manual · solo el comienzo · Tareas externas · Fecha límite · División crítica · Progreso manual
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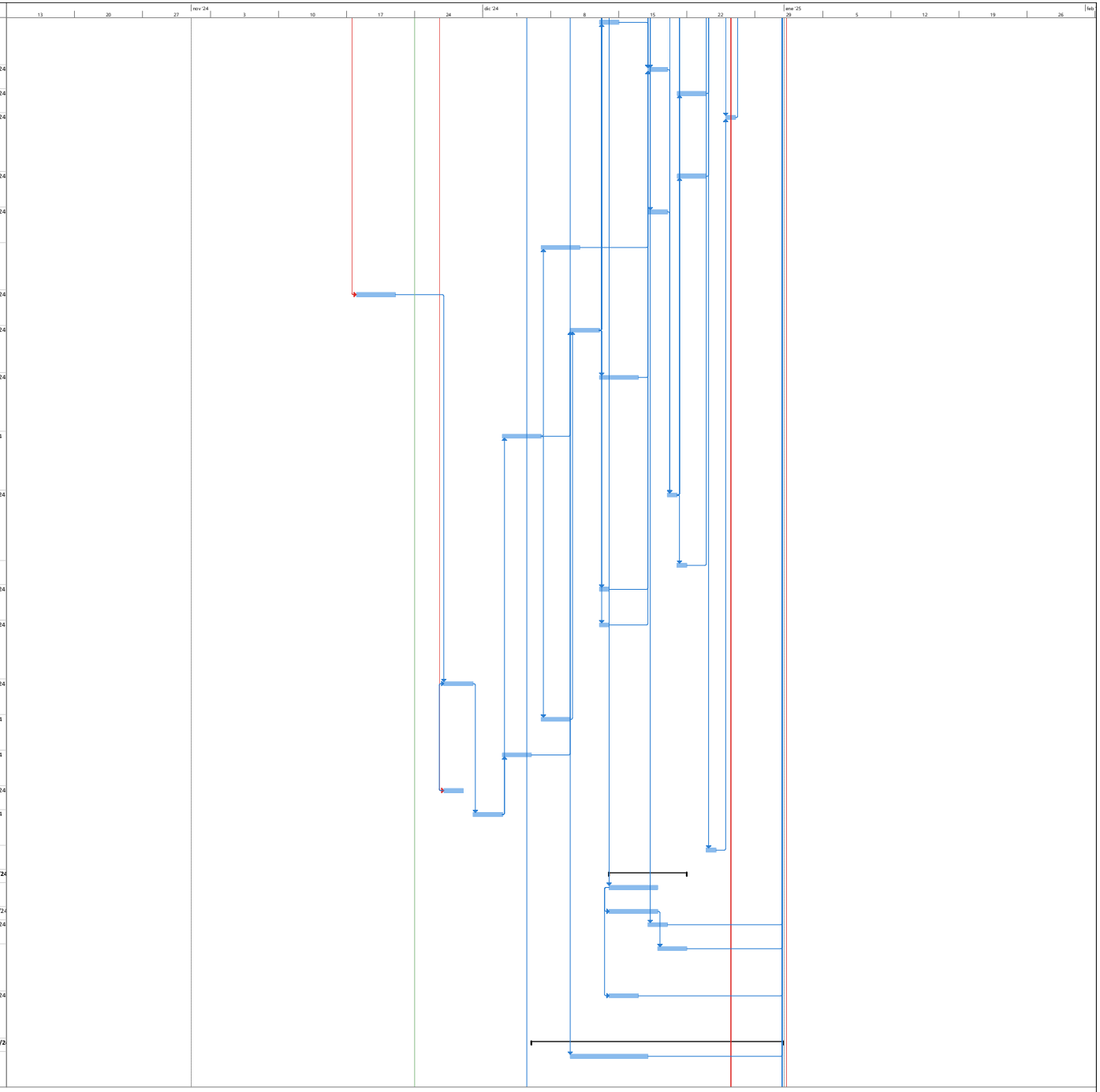
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
53		**6,00**	**ENHAPES Y ACCESORIOS**	**6 días**	**mié 4/12/24**	**mar 10/12/2**
54		6,1	Suministro e instalacion de Enchape en cerámica 30x60 cm	3 días	mié 4/12/24	vie 6/12/24
55		6,2	Suministro e instalacion de piso en porcelanato 60x60	2 días	vie 6/12/24	sáb 7/12/24
56		6,3	Suministro e instalacion de Guardaescoba en porcelanato	2 días	lun 9/12/24	mar 10/12/24
57		**7,00**	**BAÑOS**	**8 días**	**lun 9/12/24**	**mar 17/12/2**
58		7,1	Sanitario Smart elongado color blanco	2 días	lun 9/12/24	mar 10/12/2
59		7,2	Lavamanos de incrustar blanco tipo san lorenzo	1 día	mié 11/12/24	mié 11/12/24
60		7,3	Orinal mediano blanco grifería tipo push	1 día	lun 9/12/24	lun 9/12/24
61		7,4	Grifería lavamanos monocontrol ahorradora	1 día	mié 11/12/24	mié 11/12/2
62		7,5	Grifería lavaplatos Monocontrol	2 días	mié 11/12/24	jue 12/12/24
63		7,6	Dispensador de toallas de papel	1 día	vie 13/12/24	vie 13/12/24
64		7,7	Dispensador de jabón líquido	1 día	vie 13/12/24	vie 13/12/24
65		7,8	Dispensador de papel higiénico	1 día	vie 13/12/24	vie 13/12/24
66		7,9	Barra de Seguridad Horizontal 36 (92 cm) para Discapacitados en acero inoxidable, de sobreponer a la pared, Ref. 30-AA-8736 de A&A, o equivalente	1 día	sáb 14/12/24	sáb 14/12/24
67		7,10	Espejo Cristal Biselado de 4 mm colocado flotado sobre muro , para baños Wc.	1 día	sáb 14/12/24	sáb 14/12/24
68		7,11	Meson - Lavamanos en QUARZTONE BLANCO POLAR ancho 60 cm, salpicadero 8 cm y frentero de 4 cm para Baño. Incluye fabricacion, suministro e Instalacion.	2 días	lun 16/12/24	mar 17/12/24
69		**8,00**	**PAÑETES, ESTUCO Y PINTURA**	**12 días**	**lun 16/12/24**	**lun 30/12/24**
70		8,1	Estuco acrílico en muros	4 días	lun 16/12/24	jue 19/12/24
71		8,2	Pañete muro (incl. filos y dilataciones)	3 días	mié 18/12/24	vie 20/12/24
72		8,3	Pintura exterior en Koraza	7 días	sáb 21/12/24	lun 30/12/24
73		8,4	Pintura con vinilo en muros	7 días	sáb 21/12/24	lun 30/12/24
74		**9,00**	**CARPINTERÍA DE MADERA**	**10 días**	**vie 6/12/24**	**mar 17/12/2**
75		9,1	Mueble inferior de cocina h= 90 cm	3 días	vie 6/12/24	lun 9/12/24
76		9,2	Mueble superior de cocina h= 60 cm	3 días	vie 6/12/24	lun 9/12/24
77		9,3	Puerta en madera entamborada de 0.80 x 2.05 m	4 días	vie 13/12/24	mar 17/12/24
78		**10,00**	**INSTALACIONES ELÉCTRICAS**	**35 días**	**lun 18/11/24**	**sáb 28/12/24**
79		10,1	Suministro e instalación Unidad acondicionadora Mini split tipo pared 12.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER. Eliminación de bacterias	2 días	sáb 21/12/24	lun 23/12/24
80		10,2	Suminsitro e instalación Unidad acondicionadora Mini split tipo pared 24.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER.Eliminación de bacterias	2 días	sáb 21/12/24	lun 23/12/24
81		10,3	Suministro e instalación de UPS Trifásico de 10 KVA 208/120V on line, autonimia de 10 min a plana carga	1 día	mar 24/12/24	mar 24/12/24
82		10,4	Suministro e instalación de Luminaria de emergencia certificada RETIE para cuartos tecnicos. Incluye 1 metro de cable encauchetado 3x18 HF FR LS y clavija.	2 días	sáb 21/12/24	lun 23/12/24
83		10,5	Suministro e instalación salida de iluminacion en tuberia EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijacion.	4 días	vie 13/12/24	mar 17/12/24
84		10,6	Suministro e instalación salida de interruptor triple en tuberia EMT 3/4, con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijacion. AUDITORIO	1 día	vie 13/12/24	vie 13/12/24
85		10,7	Suministro e instalación salida de tomacorriente doble con polo a tierra en muro sobrepuesta en tuberia EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	1 día	vie 13/12/24	vie 13/12/24
86		10,8	Suministro e instalación salida de tomacorriente doble BLANCA con polo a tierra en CANALETA METALICA sobrepuesta , toma corriente CABLE 12 AWG TRIPLE FASE AZUL y accesorios para fijación Y FUNCIONAMIENTO	3 días	vie 13/12/24	lun 16/12/24
87		10,9	Suministro e instalación de tablero TRIifasico de 18 circuitos para red regulada sin espacio totalizador, incluye protecciones 12 de 1x20A.	2 días	mié 18/12/24	jue 19/12/24
88		10,10	Suministro e instalación salida de tomacorriente doble con polo a tierra REGULADA en CANALETA METALICA sobrepuesta , toma corriente y accesorios para fijación Y FUNCIONAMIENTO	3 días	vie 13/12/24	lun 16/12/24
89		10,11	Suministro de mano de obra para el acondicionamiento conexión del medidor de energía, marcacion de fases, adecuaciones.	2 días	vie 27/12/24	sáb 28/12/24



Proyecto: MAGANGUE Y CARM
Fecha: dom 24/11/24

Tarea · Hito · Resumen del proyecto · Hito inactivo · Tarea manual · Informe de resumen manual · solo el comienzo · Tareas externas · Fecha límite · División crítica · Progreso manual
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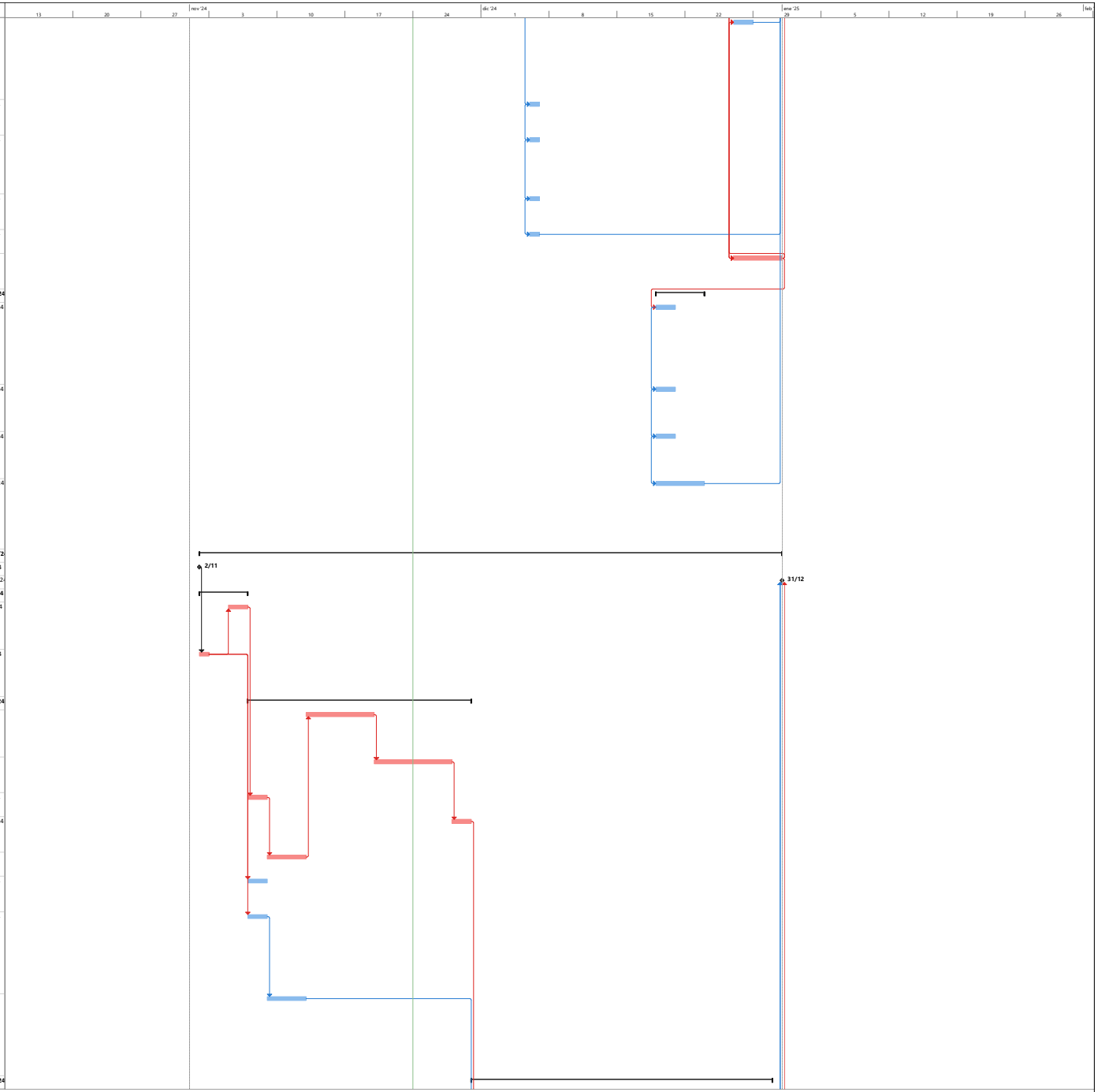
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
90		10,12	Suministro e instalación salida de interruptor SENCILLO en tuberia EMT 3/4, con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijacion.	2 días	vie 13/12/24	sáb 14/12/24
91		10,13	Suministro e instalación de transformador de 30 kva regulador 208/120v	2 días	mié 18/12/24	jue 19/12/24
92		10,14	Suministro e instalación de luminaria LED 60x60 40W 120V AUDITORIO	2 días	sáb 21/12/24	lun 23/12/24
93		10,15	Suministro e instalación de un sistema de puesta a tierra con tres varillas cobre-cobre de 2,4m x 5/8, soldadura exotermica y cable 1/0 cobre desnudo 25ml para el transformador.	1 día	jue 26/12/24	jue 26/12/24
94		10,16	Suministro e instalación de luminaria panel LED redodo de 18W 120V. Para cocina, baños cuarto de aseo, pasillos.	2 días	sáb 21/12/24	lun 23/12/24
95		10,17	Suministro e instalación de planta electrica de 30 KVA, encabinada, en cuarto separado, con trasnferencia y tanque de reserva.	2 días	mié 18/12/24	jue 19/12/24
96		10,18	Suministro e instalación de Acometida trifasica a TRANSFERENCIA DESDE PLANTA Y TRASNFORMADOR 3x1/0+1/0+1/0T, incluye elementos de sujeción	3 días	sáb 7/12/24	mar 10/12/24
97		10,19	DESMONTE DE REDES ELECTRICAS EXISTENTES. INCLUYE EL RETIRO DE TODAS LAS LUMIANRIAS	4 días	lun 18/11/24	jue 21/11/24
98		10,20	SUMINISTRO E INSTALACIÓN DE CABLE TRENSADO 3X12 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO	3 días	mar 10/12/24	jue 12/12/24
99		10,21	Suministro e instalación salida PARA AA en tuberia EMT 1, cable 2X10+12T awg Libre de halogenos, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijacion.	3 días	vie 13/12/24	lun 16/12/24
100		10,22	Suministro e instalación DE CANALETA METALICA DE 12XSCM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACION RETIE.	4 días	mar 3/12/24	vie 6/12/24
101		10,23	Suministro e instalación de tablero trifasico de 30 cirduitos con espacio para totalizador incluye totalizador de 100A a 200A, protecciones segun diagrama unifilar, conexión de acometida desde TRANSFORMADOR .	1 día	vie 20/12/24	vie 20/12/24
102		10,24	Suministro e instalacion de Sensor Odc05-I1W Infrarrojo Montaje En Techo.	1 día	sáb 21/12/24	sáb 21/12/24
103		10,25	Suministro e instalación salida para sensor infrarrojo en techo, incluye cable, conectores y elementos de fijación.	1 día	vie 13/12/24	vie 13/12/24
104		10,26	Suministro e instalación de salida de tomacorriente doble con polo a tierra GFCI, incluye cana 2400 aluminio fundido, conctores y soportes de tuberia y en si todo lo necesario para su funcionamiento.	1 día	vie 13/12/24	vie 13/12/24
105		10,27	Suministro e instalacion de canalizacion 2x3 tubo pvc 3, incluye excavación y relleno con el mismo material excavado	3 días	mié 27/11/24	vie 29/11/24
106		10,28	Suministro e instalacion de acometida desde tn1 hasta UPS y TR1 2x6+6+8T, incluye terminales	2 días	sáb 7/12/24	lun 9/12/24
107		10,29	Suministro e instalación de caja CS274 de 0,6x0,6m con tapa con marco y contramarco en ladrillo recocido, INCLUYE EXCAVACIÓN	3 días	mar 3/12/24	jue 5/12/24
108		10,30	Suministro e instalación de tubo EMT de 3 para acometida de planta a transferencia	2 días	mié 27/11/24	jue 28/11/24
109		10,31	Suministro e instalacion de canalizacion 1x3 tubo pvc 3, incluye excavación y relleno con el mismo material excavado	2 días	sáb 30/11/24	lun 2/12/24
110		10,32	Suministro e instalación de reflector LED con panel solar de 200w	1 día	mar 24/12/24	mar 24/12/24
111		**11,00**	**CARPINTERÍA METÁLICA**	**7 días**	**sáb 14/12/24**	**sáb 21/12/24**
112		11,1	Marco metálico lámina Cal. 20 a=0.80 m (incl. pintura)	4 días	sáb 14/12/24	mié 18/12/24
113		11,2	Ventana en aluminio corrediza (vidrio 4 mm)	4 días	sáb 14/12/24	mié 18/12/24
114		11,3	División para baño en lámina Cal. 20 (incl. pintura)	2 días	mié 18/12/24	jue 19/12/24
115		11,4	Mantenimiento de ventanas y rejas metálicas existentes de dimensiones variables, incluye desmonte y reinstalación, además de pintura anticorrosiva	3 días	jue 19/12/24	sáb 21/12/24
116		11,5	Puerta de dos secciones en vidrio tempado con marco y travesaño fabricado en tubería tipo pesada con acabado final en ABM, cierra puerta superior, cerradura - manija con llave.	2 días	sáb 14/12/24	lun 16/12/24
117		**12,00**	**VARIOS**	**21 días**	**vie 6/12/24**	**mar 31/12/24**
118		12,1	Piso continuo multicapa de mortero hidráulico polimérico, para exteriores. E=0.05m	7 días	mar 10/12/24	mar 17/12/24



Proyecto: MAGANGUE Y CARM
Fecha: dom 24/11/24

Tarea · Hito · Resumen del proyecto · Hito inactivo · Tarea manual · Informe de resumen manual · solo el comienzo · Tareas externas · Fecha límite · División crítica · Progreso manual
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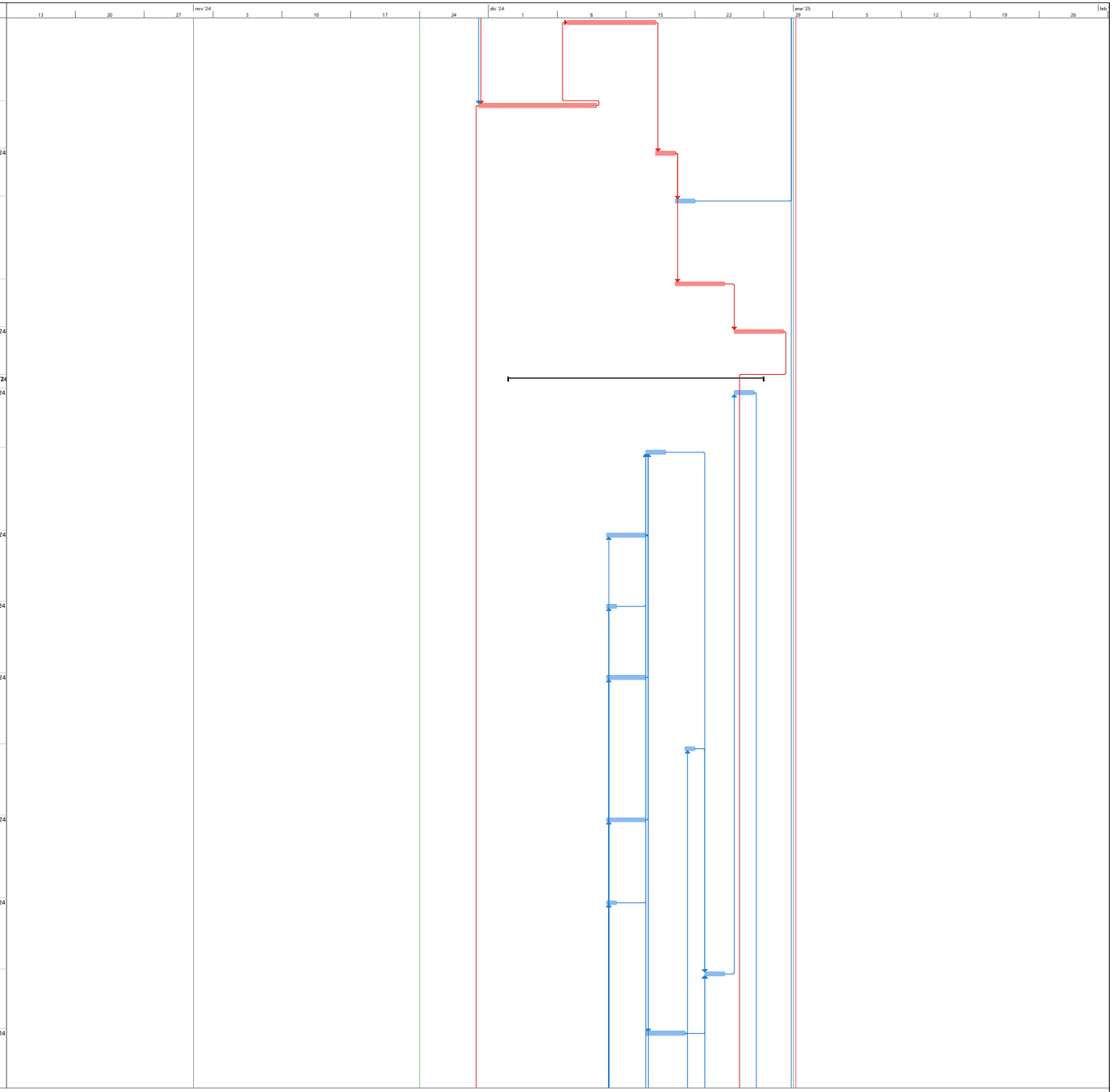
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
119		12,2	Suministro, transporte e instalación de aviso ICA de una medida aproximada de 1,5x1,0m. Incluye el aviso y estructura metálica, además de las herramientas, equipos, insumos y mano de obra requeridos para su correcta instalación. El diseño dependera de las	2 días	vie 27/12/24	sáb 28/12/24
120		12,3	Grifería para lavaplatos. Monocontrol sin mezclador tipo Grival Nogal ó similar, para Cocinetas	1 día	vie 6/12/24	vie 6/12/24
121		12,4	Suministro e instalación meson en quarztone blanco polar con reengruese de 5 cms sobre bastidor de mdf para cocina. Ancho 60 cm.Salpicadero de 8 cms frentero 4cms. Cocineta	1 día	vie 6/12/24	vie 6/12/24
122		12,5	Lavaplatos sencillo en acero inoxidable 55x43 cm Socoda o equivalente, para Cocinetas	1 día	vie 6/12/24	vie 6/12/24
123		12,6	Poceta de aseo prefabricada en granito 42x42x25 cm	1 día	vie 6/12/24	vie 6/12/24
124		12,7	Aseo general tanto de la parte interna como externa y donde se hayan realizado actividades para poder ejecutar la obra. (incluye retiro de sobrantes al realizar el aseo)	4 días	vie 27/12/24	mar 31/12/24
125		**1,00**	**MOBILIARIO**	**4 días**	**jue 19/12/24**	**lun 23/12/24**
126		1,1	Escritorio en L para oficina con cajonera de 150x150x60cm. Superficie lisa elaborada en madecor de 25mm termosellado con PVC, faldero en formica de 15mm con canto rígido en pvc con medidas 90x60Cm, tubos cuadrados pintado con electrostatica y cajonera de	2 días	jue 19/12/24	vie 20/12/24
127		1,2	Sillas operativa ergonómica graduable para uso de oficina. Estas deben cumplir con el Manual de estandarización de espacios de trabajo para entidades del estado.	2 días	jue 19/12/24	vie 20/12/24
128		1,3	Sillas interlocutoras tipo isosceles o similar para uso de oficina. Estas deben cumplir con el Manual de estandarización de espacios de trabajo para entidades del estado.	2 días	jue 19/12/24	vie 20/12/24
129		1,4	estanterías. Estructura metálica en Lámina Cold Rolled calibre 16 acabado en pintura en polvo electrostática horneable de alta resistencia y entrepaños graduables en lámina calibre 22. Estas deben cumplir con el Manual de estandarización de espacios de tr	4 días	jue 19/12/24	lun 23/12/24
130		**1.2**	**CARMEN DE BOLIVAR**	**48 días**	**sáb 2/11/24**	**mar 31/12/24**
131		1.2.1	INICIO DE OBRA DE CARMEN DE BOLIVAR	0 días	sáb 2/11/24	sáb 2/11/24
132		1.2.2	ENTREGA CARMEN DE BOLIVAR	0 días	mar 31/12/24	mar 31/12/24
133		**1,00**	**PRELIMINARES**	**3 días**	**sáb 2/11/24**	**mié 6/11/24**
134		1,1	Instalación de CERRAMIENTO PROVISIONAL en tela verde polietileno de alta densidad y resistencia 65 gr/m2 con una altura de 2,10 m, estacones de madera común para fijación vertical de altura de 2,50 m puesto mínimo cada 2,0 m, elementos de fijación, incluy	2 días	mar 5/11/24	mié 6/11/24
135		1,2	Localización, trazado y replanteo. Se utilizará personal experto con equipo de precisión. todos los demás materiales, elementos, equipos, seguros de equipos, instalaciones, combustibles, lubricantes, energía, transporte, mano de obra, necesarios para una	1 día	sáb 2/11/24	sáb 2/11/24
136		**2,00**	**RETIROS Y DEMOLICIONES**	**19 días**	**jue 7/11/24**	**vie 29/11/24**
137		2,1	Desmonte de teja de asbesto cemento existente. La mano de obra incluye los elementos requeridos de protección para el manejo de esta teja. Incluye manejo especial, cargue, transporte y botada especial al sitio permitido de manejo de estos elementos.	6 días	mié 13/11/24	mar 19/11/24
138		2,2	Desmonte de estructura de cubierta existente. Incluye mano de obra de desinstalación, cargue, transporte y botada con derecho a botadero	7 días	mié 20/11/24	mié 27/11/24
139		2,3	Desmonte de cielo raso en madera. incluye cargue, transporte y botada y/o transporte al sitio de disposición final	2 días	jue 7/11/24	vie 8/11/24
140		2,4	Retiro de instalaciones eléctricas y luminarias existentes. Incluye cargue, transporte y botada y/o transporte al sitio de disposición final	2 días	jue 28/11/24	vie 29/11/24
141		2,5	Retiro de cielo raso en superboard. Incluye cargue, transporte y botada en los sitios oficiales, además del derecho al botadero	2 días	sáb 9/11/24	mar 12/11/24
142		2,6	Desmonte de escritorios y sillas.Incluye moverlos o trasladarlos a sitio de acopio debidamente envueltos en plástico	2 días	jue 7/11/24	vie 8/11/24
143		2,7	Desmonte y reinstalación de archivadores, consiste en la reubicación de los archivadores en el área documental, esto con el fin de redistribuir el espcio acorde con el acuerdo 049 de 2000 Repositorio Normativo Archivo gereneral de la Nación.Incluye resane	2 días	jue 7/11/24	vie 8/11/24
144		2,8	Demolición mampostería con un espesor hasta 25cm. Incluye cargue, transporte y botada de escombros en botaderos oficiales, demolición de revoques y de enchapes aplicados en el muro a demoler e instalaciones embebidas, además recuperación de los materiales	2 días	sáb 9/11/24	mar 12/11/24
145		**3,00**	**CUBIERTA**	**25 días**	**sáb 30/11/24**	**lun 30/12/24**



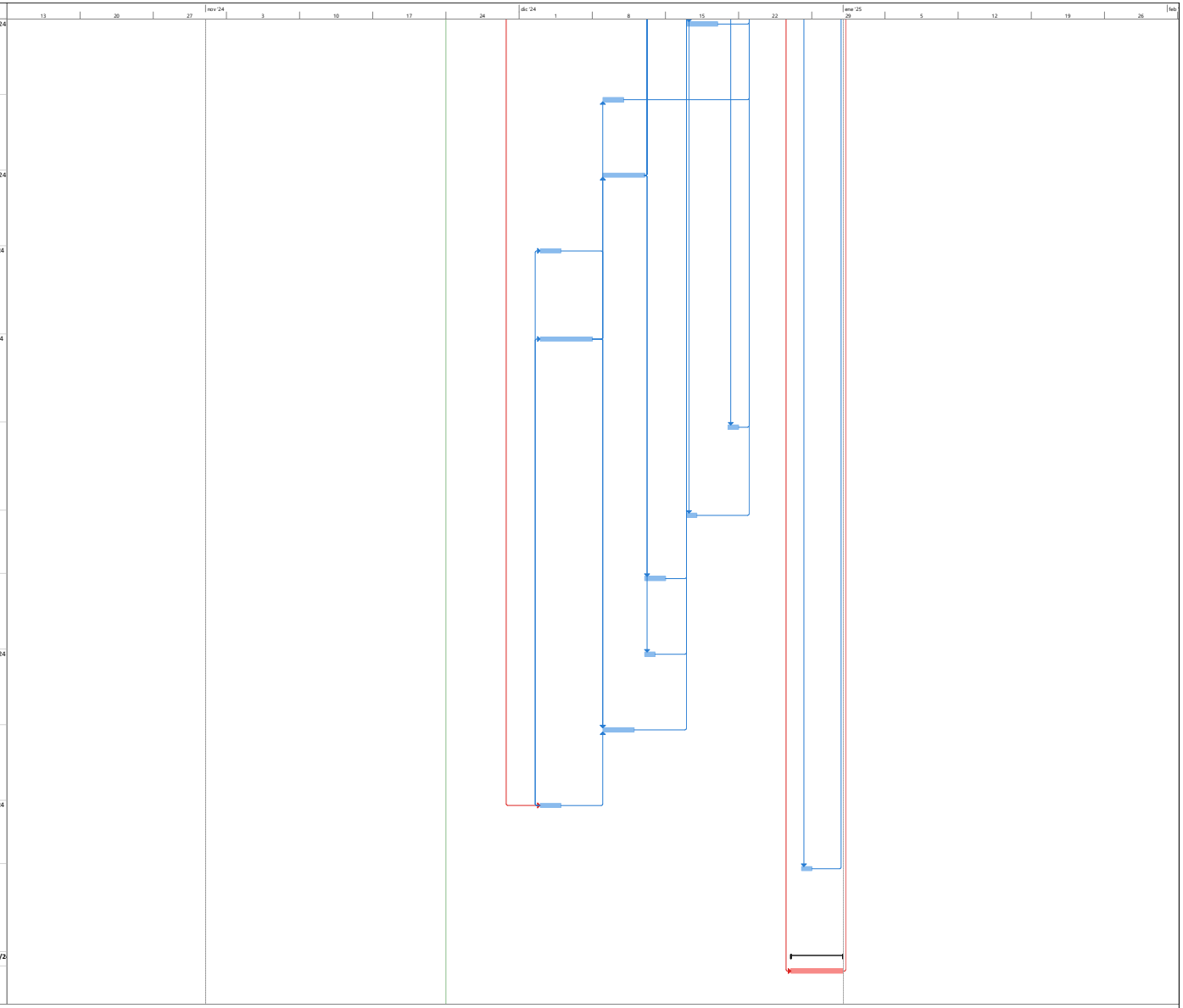
Proyecto: MAGANGUE Y CARM
Fecha: dom 24/11/24

Tarea · Hito · Resumen del proyecto · Hito inactivo · Tarea manual · Informe de resumen manual · solo el comienzo · Tareas externas · Fecha límite · División crítica · Progreso manual
División · Resumen · Tarea inactiva · Resumen inactivo · solo duración · Resumen manual · solo fin · Hito externo · Tareas críticas · Progreso

Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
146		3,1	Suministro, transporte e instalación de cubierta (Teja Termoacústica kingroof ECO - panel tipo sandwich con aislante en polisocianurato PIR SAFE e:30mm Blanco o verde, calibre 28, lámina interna Foil Vinil Color natural o similar con las mismas caracteris	8 días	lun 9/12/24	mar 17/12/24
147		3,2	Construcción y montaje de estructura metálica con perfilería tipo PERFILERIA TIPO IPE, HEA, PHR-C, PTE para elementos de cubierta, fachada, rampas o áreas de circulación metálicas, según plano. Incluye: suministro y transporte de láminas, platinas, unione	10 días	sáb 30/11/24	mié 11/12/24
148		3,3	Suministro, transporte e instalacion de canal PVC tipo amazonas o similar para aguas lluvias con medidas aproximadas de ancho 162,3mm por alturas de 142,3mm (parte alta) y 94,9mm (parte baja) con las respectivas uniones, tapas exteriores y uniones a las	2 días	mié 18/12/24	jue 19/12/24
149		3,4	Suministro, transporte e Instalación Bajante PVC tipo Rainmax de dimensiones aproximadas de 100mmx100mm con las respectivas uniones, codos y soportes para su fijación. Incluye todos los demás accesorios y elementos para su debida instalación.	2 días	vie 20/12/24	sáb 21/12/24
150		3,5	Suministro, transporte y colocación de cielo raso continuo en pvc blanco resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios necesarios	4 días	vie 20/12/24	mar 24/12/24
151		3,6	Suministro, transporte y colocación de cielo raso continuo en placa de yeso RH 1/2 resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios	4 días	jue 26/12/24	lun 30/12/24
152		**4,00**	**INSTALACIONES ELÉCTRICAS**	**22 días**	**mar 3/12/24**	**sáb 28/12/24**
153		4,1	Suministro, transporte e instalación de UPS Trifásico de 10 KVA 208/120V on line, autonomía de 10 min a plana carga. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación.	2 días	jue 26/12/24	vie 27/12/24
154		4,2	Suministro, transporte e instalación de Luminaria de emergencia certificada RETIE para cuartos técnicos. Incluye 1 metro de cable encauchetado 3x18 HF FR LS y clavija. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta insta	2 días	mar 17/12/24	mié 18/12/24
155		4,3	Suministro, transporte e instalación salida de iluminación en tubería EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación.	3 días	vie 13/12/24	lun 16/12/24
156		4,4	Suministro, transporte e instalación salida de tomacorriente doble con polo a tierra en muro sobrepuesta en tubería EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos	1 día	vie 13/12/24	vie 13/12/24
157		4,5	Suministro, transporte e instalación salida de tomacorriente doble blanca con polo a tierra en canaleta metálica sobrepuesta , toma corriente CABLE 12 AWG TRIPLE FASE AZUL y accesorios para fijación y funcionamiento. Incluye todos las herramientas, equi	3 días	vie 13/12/24	lun 16/12/24
158		4,6	Suministro, transporte e instalación de tablero Trifásico de 18 circuitos para red regulada sin espacio totalizador, incluye protecciones 12 de 1x20A.. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación.	1 día	sáb 21/12/24	sáb 21/12/24
159		4,7	Suministro, transporte e instalación salida de tomacorriente doble con polo a tierra REGULADA en canaleta metálica sobrepuesta , toma corriente y accesorios para fijación y funcionamiento. Incluye todos las herramientas, equipos, insumos y mano de obra	3 días	vie 13/12/24	lun 16/12/24
160		4,8	Suministro, transporte e instalación salida de interruptor SENCILLO en tubería EMT 3/4, con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instala	1 día	vie 13/12/24	vie 13/12/24
161		4,9	Suministro, transporte e instalación de transformador de 30 kva regulador 208/120v . Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	lun 23/12/24	mar 24/12/24
162		4,10	Suministro, transporte e instalación de luminaria LED 60x60 40W 120V . Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	4 días	mar 17/12/24	vie 20/12/24



Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
163		4,11	Suministro e instalación de luminaria panel LED redondo de 18W 120V. Para cocina, baños cuarto de aseo, pasillos. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	3 días	mar 17/12/24	jue 19/12/24
164		4,12	Suministro, transporte e instalación de Acometida trifásica a TN1 DESDE TGD 3x1/0+1/0+1/0T, elementos de sujeción. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	lun 9/12/24	mar 10/12/24
165		4,13	Suministro, transporte e instalación de cable trensado 3x2 fase roja o fase azul para tomacorrientes desde el tablero hasta la primera toma del circuito. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcio	4 días	lun 9/12/24	jue 12/12/24
166		4,14	Suministro, transporte e instalación salida para AA en tubería EMT 1, cable 2X10+12T awg Libre de halógenos, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos y mano de obra	2 días	mar 3/12/24	mié 4/12/24
167		4,15	Suministro, transporte e instalación de canaleta metálica de 12x5cm homologada blanca pintura electrostática, Incluye troqueles triples, alambre de puesta a tierra y marcación retie. Además, incluye todos las herramientas, equipos, insumos y mano de obra	5 días	mar 3/12/24	sáb 7/12/24
168		4,16	Suministro, transporte e instalación de tablero trifásico de 30 circuitos con espacio para totalizador incluye totalizador de 100A a 200A, protecciones según diagrama unifilar, conexión de acometida desde transformador. Además, incluye todos las herramie	1 día	sáb 21/12/24	sáb 21/12/24
169		4,17	Suministro, transporte e instalación de Sensor Odc05-i1W Infrarrojo Montaje En Techo. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	1 día	mar 17/12/24	mar 17/12/24
170		4,18	Suministro, transporte e instalación de salida para sensor infrarrojo en techo, incluye cable, conectores y elementos de fijación. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	vie 13/12/24	sáb 14/12/24
171		4,19	Suministro, transporte e instalación de salida de tomacorriente doble con polo a tierra GFCI, incluye cana 2400 aluminio fundido, conectores y soportes de tubería. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalació	1 día	vie 13/12/24	vie 13/12/24
172		4,20	Suministro, transporte e instalación de acometida desde tn1 hasta UPS y TR1 3x6+4+8T, incluye terminales. Además, incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	3 días	lun 9/12/24	mié 11/12/24
173		4,21	Suministro, transporte e instalación de tubo EMT de 2 para acometida de TGD A TN1. Incluye curbas, terminales, uniones, y elementos de sujeción. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	mar 3/12/24	mié 4/12/24
174		4,22	Suministro, transporte e instalación de medidor electronico calibrado trifasico Contador HIKING Estatico TRIFA 5 - 100 A, para instalar antes del tablero TN1 para tener medida de consumo, incluye caja de medidor. Incluye todos las herramientas, equipos, i	1 día	sáb 28/12/24	sáb 28/12/24
175		**5,00**	**VARIOS**	**4 días**	**vie 27/12/24**	**mar 31/12/2**
176		5,1	Aseo general tanto de la parte interna como externa y donde se hayan realizado actividades para poder ejecutar la obra. (incluye retiro de sobrantes al realizar el aseo)	4 días	vie 27/12/24	mar 31/12/24



PLAN DETALLADO DE TRABAJO

PLAN DE TRABAJO DETALLDO

OBJETO DEL CONTRATO:

“ADECUACIÓN DE LA OFICINA LOCAL ICA EL CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”

CONTRATISTA DE OBRA

GESTION RURAL Y URBANA S.A.S.

INTERVENTORÍA

EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

ICA

EL CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR

ELABORÓ	APROBÓ
ARQ. MAIRA ROMANI	ARQ. JUAN CARLOS JAIMES ACERO
RESIDENTE DE OBRA	REPRESENTANTE LEGAL
GESTIÓN RURAL Y URBANA S.A.S	EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

TABLA DE CONTENIDO

1. INTRODUCCION ---------- 4
2. DATOS CONTRACTUALES ---------- 5
3. DESCRIPCION DEL PROYECTO ---------- 6
4. ACTIVIDADES A DESARROLLAR ---------- 7
5. ALCANCE, DURACION Y COSTO TOTAL ---------- 11
6. ESTADO DE LA INFRAESTRUCTURA ---------- 11
7. RECOMENDACIONES ---------- 12
8. ANEXOS ---------- 13
   8.1 ANEXOS FOTOGRAFICOS ---------- 14

1. INTRODUCCIÓN

El instituto Colombiano Agropecuario (ICA), celebró con la empresa GESTIÓN RURAL Y URBANA SAS, en adelante GRUSAS, el Contrato GGC-089-2024, cuyo objeto es: "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR", el cual se ejecuta en el municipio del Carmen de bolivar como una de las dos frentes de trabajo, se dio inicio a la ejecución de la misma el 01 de noviembre del presente año y tiene como fecha de entrega final el 31 de diciembre de este mismo.

Dentro de las actividades previstas contempladas se encuentra el arreglo parcial de la cubierta de la edificación ya que la estructura actual de esta y la configuración de esta armadura puede sujetar la nueva cubierta, el tecnicismo de este concepto está bajo supervisión del ingeniero estructural.

Con el objetivo de dar cumplimiento a las condiciones contractuales suscritas, GRUSAS presenta el Plan de Trabajo, dando cumplimiento a las obligaciones contractuales requeridas en los documentos del proceso y en la minuta del contrato (Estudios previos, pliego de condiciones, anexo técnico, etc.) en donde se registra el estado actual de las instalaciones y las necesidades ya evidenciadas por el ICA, en consecuencia, se determinan las actividades a ejecutar en el desarrollo del contrato.

2. DATOS CONTRACTUALES:

Tabla 1 Datos contractuales

No. CONTRATO	**CONTRATO GGC-089-2024**
OBJETO DEL CONTRATO	**"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"**
CONTRATISTA	**GESTION RURAL Y URBANA S.A.S**
NIT	**830.128.894-1**
DIRECCION	**Carrera 32 No. 25B – 44**
CORREO ELECTRÓNICO	**gerencia@gru.com.co**
TELEFONO	**601 244 17 34**
REPRESENTANTE LEGAL	**Ing. Gildardo Castillo Sánchez**
DIRECTOR DE OBRA	**Ing. Javier Felipe Castillo**
CELULAR	**3148517318**
INTERVENTORÍA	**EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S**
PLAZO INICIAL	**Cuatro (4) meses**
VALOR INICIAL	**MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)**

3. DESCRIPCIÓN DEL PROYECTO

LOCALIZACIÓN:

El proyecto se encuentra ubicado en el Carmen de bolivar, al inicio la ruta del sol sector 3, del departamento de Bolívar

EL CARMEN DE BOLIVAR



Ilustración 2 Localización del proyecto en el Carmen de Bolívar (imagen tomada de Google Earth)

Las instalaciones del ICA en el Carmen de Bolívar comparten recinto con la corporación AGROSAVIA, esta determinante debe tenerse en cuenta ya que esta activa en personal, actividad laboral y comparten algunos espacios.

4. ACTIVIDADES A DESARROLLAR

El Carmen de bolivar

Tabla 3 Presupuesto y cantidades frente de obra Magangué

ITEM	DESCRIPCION	UND.	CANT
1,00	PRELIMINARES		
1.1	INSTALACIÓN DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO MÍNIMO CADA 2,0 M, ELEMENTOS DE FIJACIÓN, INCLUYE: SUMINISTRO, TRANSPORTE, INSTALACIÓN, EXCAVACIÓN, CONCRETO DE FUNDACIÓN PREPARADO EN OBRA DE 17 MPA - 2500 PSI, DIÁMETRO APROXIMADO 0,20 M Y PROFUNDIDAD APROXIMADA 0,30 M, CABLE O ALAMBRE TENSOR PARTE INFERIOR Y SUPERIOR HORIZONTAL, MANTENIMIENTO, DESMONTE Y TODOS LOS DEMÁS ELEMENTOS NECESARIOS PARA SU CORRECTA INSTALACIÓN Y OPERACIÓN.	M	42,00
1.2	LOCALIZACIÓN, TRAZADO Y REPLANTEO. SE UTILIZARÁ PERSONAL EXPERTO CON EQUIPO DE PRECISIÓN. TODOS LOS DEMÁS MATERIALES, ELEMENTOS, EQUIPOS, SEGUROS DE EQUIPOS, INSTALACIONES, COMBUSTIBLES, LUBRICANTES, ENERGÍA, TRANSPORTE, MANO DE OBRA, NECESARIOS PARA UNA CORRECTA EJECUCIÓN DE LOS TRABAJOS. SE HARÁN LOS CHEQUEOS O REVISIONES NECESARIOS, CON LA FRECUENCIA QUE INDIQUE LA INTERVENTORÍA. INCLUYE ELABORACIÓN DE PLANOS.	DÍA	1,00
2,00	RETIROS Y DEMOLICIONES		
2.1	DESMONTE DE TEJA DE ASBESTO CEMENTO EXISTENTE. LA MANO DE OBRA INCLUYE LOS ELEMENTOS REQUERIDOS DE PROTECCIÓN PARA EL MANEJO DE ESTA TEJA. INCLUYE MANEJO ESPECIAL, CARGUE, TRANSPORTE Y BOTADA ESPECIAL AL SITIO PERMITIDO DE MANEJO DE ESTOS ELEMENTOS.	M2	376,00
2.2	DESMONTE DE ESTRUCTURA DE CUBIERTA EXISTENTE. INCLUYE MANO DE OBRA DE DESINSTALACIÓN, CARGUE, TRANSPORTE Y BOTADA CON DERECHO A BOTADERO	M2	376,00
2.3	DESMONTE DE CIELO RASO EN MADERA. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	M2	376,00
2.4	RETIRO DE INSTALACIONES ELÉCTRICAS Y LUMINARIAS EXISTENTES. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	GL	1,00
2.5	RETIRO DE CIELO RASO EN SUPERBOARD. INCLUYE CARGUE, TRANSPORTE Y BOTADA EN LOS SITIOS OFICIALES, ADEMÁS DEL DERECHO AL BOTADERO	M2	64,00
2.6	DESMONTE DE ESCRITORIOS Y SILLAS.INCLUYE MOVERLOS O TRASLADARLOS A SITIO DE ACOPIO DEBIDAMENTE ENVUELTOS EN PLÁSTICO	UND	10,00
2.7	DESMONTE Y REINSTALACIÓN DE ARCHIVADORES, CONSISTE EN LA REUBICACIÓN DE LOS ARCHIVADORES EN EL ÁREA DOCUMENTAL, ESTO CON EL FIN DE REDISTRIBUIR EL ESPCIO ACORDE CON EL ACUERDO 049 DE 2000 REPOSITORÍO NORMATIVO ARCHIVO GERENERAL DE LA NACIÓN.INCLUYE RESANE DE PISOS.	M2	50,01
2.8	DEMOLICIÓN MAMPOSTERÍA CON UN ESPESOR HASTA 25CM. INCLUYE CARGUE, TRANSPORTE Y BOTADA DE ESCOMBROS EN BOTADEROS OFICIALES, DEMOLICIÓN DE REVOQUES Y DE ENCHAPES APLICADOS EN EL MURO A DEMOLER E INSTALACIONES EMBEBIDAS, ADEMÁS RECUPERACIÓN DE LOS MATERIALES APROVECHABLES O SU TRANSPORTE HASTA EL SITIO QUE LO INDIQUE LA INTERVENTORÍA; SE DEBE UTILIZAR CORTADORA PARA GARANTIZAR QUE LOS FILETES DE LA DEMOLICIÓN QUEDEN ORTOGONALES	M2	15,00
3,00	CUBIERTA		

3.1	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CUBIERTA (TEJA TERMOACÚSTICA KINGROOF ECO - PANEL TIPO SANDWICH CON AISLANTE EN POLISOCIANURATO PIR SAFE E:30MM BLANCO O VERDE, CALIBRE 28, LÁMINA INTERNA FOIL VINIL COLOR NATURAL O SIMILAR CON LAS MISMAS CARACTERISTICAS O MEJORES). INCLUYE LOS CABALLETES Y REMATES REQUERIDOS, ADEMÁS DE LOS ACCESORIOS PARA SU DEBIDA INSTALACIÓN, Y RECUBRIMIENTO DE COLOR.	M2	37A147:F152
3.2	CONSTRUCCIÓN Y MONTAJE DE ESTRUCTURA METÁLICA CON PERFILERIA TIPO PERFILERIA TIPO IPE, HEA, PHR-C, PTE PARA ELEMENTOS DE CUBIERTA, FACHADA, RAMPAS O ÁREAS DE CIRCULACIÓN METÁLICAS, SEGÚN PLANO. INCLUYE: SUMINISTRO Y TRANSPORTE DE LÁMINAS, PLATINAS, UNIONES, SOLDADURAS DE ACABADO O PRESENTACIÓN, ANCLAJES Y PERNOS A ESTRUCTURA DE CONCRETO Y MADERA. INCLUYE ENSAYOS A SOLDADURAS, OBRA FALSA Y TODO EL EQUIPO Y LA HERRAMIENTA NECESARIA PARA EL MONTAJE.	KG	6008,68
3.3	SUMINISTRO, TRANSPORTE E INSTALACION DE CANAL PVC TIPO AMAZONAS O SIMILAR PARA AGUAS LLUVIAS CON MEDIDAS APROXIMADAS DE ANCHO 162,3MM POR ALTURAS DE 142,3MM (PARTE ALTA) Y 94,9MM (PARTE BAJA) CON LAS RESPECTIVAS UNIONES, TAPAS EXTERIORES Y UNIONES A LAS BAJANTES. INCLUYE ELEMENTOS PARA FIJACIÓN A CUBIERTA Y TODOS LOS DEMÁS REQUERIDOS PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO	M	50,00
3.4	SUMINISTRO, TRANSPORTE E INSTALACIÓN BAJANTE PVC TIPO RAINMAX DE DIMENSIONES APROXIMADAS DE 100MMX100MM CON LAS RESPECTIVAS UNIONES, CODOS Y SOPORTES PARA SU FIJACIÓN. INCLUYE TODOS LOS DEMÁS ACCESORIOS Y ELEMENTOS PARA SU DEBIDA INSTALACIÓN.	M	44,20
3.5	SUMINISTRO, TRANSPORTE Y COLOCACIÓN DE CIELO RASO CONTINUO EN PVC BLANCO RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS ACCESORIOS NECESARIOS PARA SU CORRECTA INSTALACIÓN, Y LAS PERFORACIONES Y RESANE	M2	30,00
3.6	SUMINISTRO, TRANSPORTE Y COLOCACIÓN DE CIELO RASO CONTINUO EN PLACA DE YESO RH 1/2" RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS ACCESORIOS NECESARIOS PARA SU CORRECTA INSTALACIÓN, Y LAS PERFORACIONES Y RESANE	M2	376,00
4,00	INSTALACIONES ELÉCTRICAS		
4.1	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE UPS TRIFÁSICO DE 10 KVA 208/120V ON LINE, AUTONOMÍA DE 10 MIN A PLANA CARGA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	1,00
4.2	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE LUMINARIA DE EMERGENCIA CERTIFICADA RETIE PARA CUARTOS TÉCNICOS. INCLUYE 1 METRO DE CABLE ENCAUCHETADO 3X18 HF FR LS Y CLAVIJA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	8,00
4.3	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE ILUMINACIÓN EN TUBERÍA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	88,00
4.4	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA EN MURO SOBREPUESTA EN TUBERÍA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	2,00
4.5	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE BLANCA CON POLO A TIERRA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE CABLE 12 AWG TRIPLE FASE AZUL Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	41,00
4.6	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TABLERO TRIFÁSICO DE 18 CIRCUITOS PARA RED REGULADA SIN ESPACIO TOTALIZADOR, INCLUYE PROTECCIONES 12 DE 1X20A.. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	1,00
4.7	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA REGULADA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	41,00

4.8	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE INTERRUPTOR SENCILLO EN TUBERÍA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	15,00
4.9	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TRANSFORMADOR DE 30 KVA REGULADOR 208/120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
4.10	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE LUMINARIA LED 60X60 40W 120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	44,00
4.11	SUMINISTRO E INSTALACIÓN DE LUMINARIA PANEL LED REDONDO DE 18W 120V. PARA COCINA, BAÑOS CUARTO DE ASEO, PASILLOS. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	36,00
4.12	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE ACOMETIDA TRIFÁSICA A TN1 DESDE TGD 3X1/0+1/0+1/0T, ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	30,00
4.13	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CABLE TRENSADO 3X2 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	180,00
4.14	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA PARA AA EN TUBERÍA EMT 1", CABLE 2X10+12T AWG LIBRE DE HALÓGENOS, CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	11,00
4.15	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CANALETA METÁLICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACIÓN RETIE. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	190,00
4.16	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TABLERO TRIFÁSICO DE 30 CIRCUITOS CON ESPACIO PARA TOTALIZADOR INCLUYE TOTALIZADOR DE 100A A 200A, PROTECCIONES SEGÚN DIAGRAMA UNIFILAR, CONEXIÓN DE ACOMETIDA DESDE TRANSFORMADOR. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
4.17	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	6,00
4.18	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SALIDA PARA SENSOR INFRARROJO EN TECHO, INCLUYE CABLE, CONECTORES Y ELEMENTOS DE FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	6,00
4.19	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA GFCI, INCLUYE CANA 2400 ALUMINIO FUNDIDO, CONECTORES Y SOPORTES DE TUBERÍA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
4.20	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE ACOMETIDA DESDE TN1 HASTA UPS Y TR1 3X6+4+8T, INCLUYE TERMINALES. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	15,00
4.21	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TUBO EMT DE 2" PARA ACOMETIDA DE TGD A TN1. INCLUYE CURBAS, TERMINALES, UNIONES, Y ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	20,00
4.22	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE MEDIDOR ELECTRONICO CALIBRADO TRIFASICO CONTADOR HIKING ESTATICO TRIFA 5 - 100 A, PARA INSTALAR ANTES DEL TABLERO TN1 PARA TENER MEDIDA DE CONSUMO, INCLUYE CAJA DE MEDIDOR. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
5,00	VARIOS		

5.1	ASEO GENERAL TANTO DE LA PARTE INTERNA COMO EXTERNA Y DONDE SE HAYAN REALIZADO ACTIVIDADES PARA PODER EJECUTAR LA OBRA. (INCLUYE RETIRO DE SOBRANTES AL REALIZAR EL ASEO)	M2	361,01

5. ALCANCE, DURACIÓN Y COSTO TOTAL

Se estima que el alcance de esta intervención pueda abarcar el arreglo total de la cubierta en la zona estipulada por el contratante así mismo subsanar la deficiencia de la red eléctrica en esta misma zona ya que no estaban en funcionamiento en su totalidad, las cantidades están contratadas según los requerimientos necesarios para la construcción de estas actividades.

La duración de este contrato tiene un estimado de 2 meses desde la fecha de inicio del mismo, que fue el 01 de noviembre del 2024 y fecha estimada finalización 31 de diciembre del 2024.

Para la sede de El Carmen de Bolívar , se ha asignado un presupuesto total de $290.825.857,00 con un plazo de ejecución de 4 meses contados a partir de la firma del acta de inicio y sujeto al cumplimiento de los requisitos de ejecución. Este plazo está previsto para finalizar el 31 de diciembre de 2024, salvo ajustes en el cronograma que se justifiquen.

6. ESTADO DE LA INFRAESTRUCTURA Y RECOMENDACIONES

Se observa pocos procedimientos de mantenimientos en la edificación, las zonas comunes se encuentran en estado aceptable, mientras que las oficinas no están en óptimas condiciones eléctricas, la cubierta manifiesta deterioro natural.
El estado de la estructura de la misma debe ser determinada por un profesional en el area.

7. RECOMENDACIONES GENERALES.

Las intervenciones deben hacerse en plenitud de las mismas, es por eso que se recomienda el desalojo total del área a intervenir ya que el retiro de la cubierta y la instalación nueva, así como las intervenciones eléctricas requieren de especificaciones de trabajo de sumo cuidado.

Es indispensable que la entidad asuma los requerimientos del contratista tales como el retiro de equipos de Aire Acondicionado y ambas unidades que los conforman, y el retiro de las redes de internet y la unidad de modem.

Se estima que las recomendaciones del ingeniero estructural estarán amarradas a cualquier modificación del presupuesto, es por eso que cualquiera sea su diagnostico debe ser tomado con prioridad y prontitud para la optimización del presupuesto y el tiempo en obra.

8. INFORMES ESPECIALES

ANEXOS

Ver anexo

No. 1 – Anexo 1. APUS – El Carmen de bol.
No. 2 – Anexo 2. Cronograma de actividades.
No. 3 – Anexo 3. Especificaciones Técnica

8.1 ANEXO FOTOGRAFICO

























PLAN DE TRABAJO

OBJETO DEL CONTRATO:

"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ, DEPARTAMENTO DE BOLÍVAR"

CONTRATISTA DE OBRA

GESTION RURAL Y URBANA S.A.S.

INTERVENTORÍA

EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

ICA

MAGANGUÉ, DEPARTAMENTO DE BOLÍVAR

ELABORÓ	APROBÓ
ARQ. KAREN ARIAS	ARQ. JUAN CARLOS JAIMES ACERO
RESIDENTE DE OBRA	REPRESENTANTE LEGAL
GESTIÓN RURAL Y URBANA S.A.S	EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

TABLA DE CONTENIDO

1. INTRODUCCIÓN ---------- 3

2 DATOS CONTRACTUALES---------- 4

3 DESCRIPCIÓN DEL PROYECTO---------- 5

4 ACTIVIDADES A DESARROLLAR---------- 6

5 ESTADO DE LA INFRAESTRUCTURA Y RECOMENDACIONES---------- 13

6 REGISTRO FOTOGRAFICO---------- 15

7 INFORMES ESPECIALES---------- 17

1. INTRODUCCIÓN

El instituto Colombiano Agropecuario (ICA), celebró con la empresa GESTIÓN RURAL Y URBANA SAS, en adelante GRUSAS, el Contrato GGC-089-2024, cuyo objeto es: "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR", el cual se ejecuta en los municipios de Magangué.

Con el objetivo de dar cumplimiento a las condiciones contractuales suscritas, GRUSAS presenta el Plan de Trabajo, dando cumplimiento a las obligaciones contractuales requeridas en los documentos del proceso y en la minuta del contrato (Estudios previos, pliego de condiciones, anexo técnico, etc.) en donde se registra el estado actual de las instalaciones y las necesidades ya evidenciadas por el ICA, en consecuencia, se determinan las actividades a ejecutar en el desarrollo del contrato.

2. DATOS CONTRACTUALES:

Tabla 1 Datos contractuales

No. CONTRATO	CONTRATO GGC-089-2024
OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"
CONTRATISTA	GESTION RURAL Y URBANA S.A.S
NIT	830.128.894-1
DIRECCION	Carrera 32 No. 25B – 44
CORREO ELECTRÓNICO	gerencia@gru.com.co
TELEFONO	601 244 17 34
REPRESENTANTE LEGAL	Ing. Gildardo Castillo Sánchez
DIRECTOR DE OBRA	Ing. Javier Felipe Castillo
CELULAR	3148517318
INTERVENTORÍA	EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
PLAZO INICIAL	Cuatro (4) meses
VALOR INICIAL	MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)

3. DESCRIPCIÓN DEL PROYECTO

LOCALIZACIÓN:

El proyecto se desarrolla en los municipios de Magangué, del departamento de Bolívar

MAGANGUE



Ilustración 2 Localización del proyecto en Magangué (imagen tomada de Google Earth)

En la sede ubicada en el municipio de Magangué se intervendrá la totalidad de la misma, incluyendo el cerramiento perimetral contiguo a la carrera 20

4. ACTIVIDADES A DESARROLLAR

MAGANGUÉ

Tabla 3 Presupuesto y cantidades frente de obra Magangué

PRESUPUESTO OFICINA LOCAL MAGANGUÉ					
ITEM	**DESCRIPCION**	**UND.**	**CANT**	**V/UNIT.**	**SUBTOTAL**
1,00	**PRELIMINARES**				**$ 25.969.267,00**
1,1	Localización y replanteo	m2	815,90	$ 3.301,00	$ 2.693.285,90
1,2	Desmonte de ventanas	m2	4,880	$ 11.772,00	$ 57.447,36
1,3	Demolición manual de mesón en concreto	m2	1,80	$ 21.021,00	$ 37.837,80
1,4	Desmonte de aparato sanitario	und	5,00	$ 28.488,00	$ 142.440,00
1,5	Desmonte de lavamanos	und	4,00	$ 17.296,00	$ 69.184,00
1,6	Desmonte de división para baño en acrílico	m2	2,52	$ 4.763,00	$ 12.002,76
1,7	Demolición manual de enchape o pañete (revoque)	m2	49,12	$ 10.425,00	$ 512.076,00
1,8	Desmonte de marcos y puertas	und	13,00	$ 13.585,00	$ 176.605,00
1,9	Desmonte de poceta en acero inoxidable	und	1,00	$ 17.296,00	$ 17.296,00
1,10	Desmonte y reinstalación de archivadores, consiste en la reubicación de los archivadores en el área documental, esto con el fin de redistribuir el espacio acorde con el acuerdo 049 de 2000 Repositorio Normativo Archivo general de la Nación. Incluye resane de pisos.	m2	40,00	$ 1.509,00	$ 60.360,00
1,11	Instalación de CERRAMIENTO PROVISIONAL en tela verde polietileno de alta densidad y resistencia 65 gr/m2 con una altura de 2,10 m, estacones de madera común para fijación vertical de altura de 2,50 m puesto mínimo cada 2,0 m, elementos de fijación, Incluye: suministro, transporte, instalación, excavación, concreto de fundación preparado en Obra de 17 Mpa - 2500 psi, diámetro aproximado 0,20 m y profundidad aproximada 0,30 m, cable o alambre tensor parte inferior y superior horizontal, mantenimiento, desmonte y todos los demás elementos necesarios para su correcta instalación y operación.	m	190,00	$ 22.096,00	$ 4.198.240,00
1,12	Desmonte de canal en lámina ó PVC	m	28,38	$ 4.612,00	$ 130.888,56

1,13	Desmonte de cielo raso	m2	350,00	$ 7.935,00	$ 2.777.250,00
1,14	Desmonte de cortinas, persianas y cortineros.	m2	34,13	$ 10.564,00	$ 360.549,32
1,15	Desmonte de Aire Acondicionado	und	3,00	$ 137.407,00	$ 412.221,00
1,16	Desmonte de cerramiento en alambre de púas con postes de madera	m	90,00	$ 6.645,00	$ 598.050,00
1,17	Retiro y botada de escombros. Incluye cargue, transporte y botada de material.	m3	100,00	$ 39.157,00	$ 3.915.700,00
1,18	Rocería y limpieza manual y/o con equipo, control de maleza y crecimiento de material vegetal (incluye retiro y disposición final)	m2	1.201,18	$ 2.185,00	$ 2.624.578,30
1,19	Desmonte de teja de asbesto cemento existente. La mano de obra incluye los elementos requeridos de protección para el manejo de esta teja. Incluye manejo especial, cargue, transporte y botada especial al sitio permitido de manejo de estos elementos.	m2	381,00	$ 7.046,00	$ 2.684.526,00
1,20	Desmonte de estructura de cubierta existente. Incluye mano de obra de desinstalación, cargue, transporte y botada con derecho a botadero	m2	381,00	$ 6.974,00	$ 2.657.094,00
1,21	Desmonte de escritorios y sillas. Incluye moverlos o trasladarlos a sitio de acopio debidamente envueltos en plástico	und	10,00	$ 19.182,00	$ 191.820,00
1,22	Poda de ramas	und	30,00	$ 49.706,00	$ 1.491.180,00
1,23	Demolición pisos, andenes, cunetas y bordillos de concreto, en cualquier espesor. Incluye: retiro de malla de refuerzo si existe, compresor neumático con martillo, además recuperación de los materiales aprovechables, cargue, transporte hasta el sitio de acopio indicado por la interventoría y botada de escombros	m3	5,00	$ 29.727,00	$ 148.635,00
2,00	**MOVIMIENTO DE TIERRAS**				**$ 6.464.687,73**
2,1	Excavación manual h= 0-2 m. Incluye cargue y retiro.	m3	87,75	$ 51.093,00	$ 4.483.410,75
2.2	Lleno compactado con recebo común	m3	16,54	$ 119.787,00	$ 1.981.276,98
3,00	**CERRAMIENTO**				**$ 117.709.707,00**
3,1	Mantenimiento cerramiento existente en Pintura anticorrosiva y acabado en esmalte para exteriores.	m	90,00	$ 17.363,00	$ 1.562.670,00
3,2	Cerramiento en tubo redondo galvanizado de 2". Incluye pata de anclaje y tapón metálico pintado con Pintura anticorrosiva y acabado en esmalte para exteriores.	m	90,00	$ 718.220,00	$ 64.639.800,00
3,3	Acero para refuerzo	Kg	3.492,00	$ 6.491,00	$ 22.666.572,00
3,4	Concreto de 3000 psi	m3	30,00	$ 718.355,00	$ 21.550.650,00
3,5	Solado en concreto ciclópeo	m3	15,00	$ 486.001,00	$ 7.290.015,00
4,00	**INSTALACIONES HIDRÁULICAS Y SANITARIAS**				**$ 3.519.255,00**
4,1	Tubería cpvc presión Ø= 1/2" (incl. accesorios)	m	60,00	$ 14.159,00	$ 849.540,00
4,2	Tubería PVC presión Ø= 2" (incl. accesorios)	m	20,00	$ 21.220,00	$ 424.400,00

4,3	Tubería PVC sanitaria Ø= 3" (incl. accesorios)	m	20,00	$ 32.453,00	$ 649.060,00
4,4	Punto hidráulico cpvc de 1/2" (3 m)	und	2,00	$ 65.661,00	$ 131.322,00
4,5	Válvula de registro de 1/2" incluye tapa d e registro	und	2,00	$ 39.461,00	$ 78.922,00
4,6	Tubería drenaje mini S p l i t PVC 1" (incl. accesorios)	m	25,00	$ 20.204,00	$ 505.100,00
4,7	Rejilla para piso en PVC 3"x2"	und	2,00	$ 9.168,00	$ 18.336,00
4,8	Tubería PVC Ø= 4" (incl. accesorios)	m	15,00	$ 36.573,00	$ 548.595,00
4,9	Suministro e Instalación de Tubería PVC-s sanitaria Ø= 2" (Incluye accesorios)	m	15,00	$ 20.932,00	$ 313.980,00
5,00	**CUBIERTA**				**$ 161.893.544,00**
5,1	Suministro, transporte e instalación de cubierta (Teja Termoacústica kingroof ECO - panel tipo sándwich con aislante en polisocianurato PIR SAFE e:30mm Blanco o verde, calibre 28, lámina interna Foil Vinil Color natural). Incluye los caballetes y remates requeridos, además de los accesorios para su debida instalación, y recubrimiento de color.	m2	390,00	$ 136.791,00	$ 53.348.490,00
5,2	Construcción y montaje de estructura metálica con perfilería tipo PERFILERIA TIPO IPE, HEA, PHR-C, PTE para elementos de cubierta, fachada, rampas o áreas de circulación metálicas, según diseño. Incluye: suministro y transporte de láminas, platinas, uniones, soldaduras de acabado o presentación, anclajes y pernos a estructura de concreto y madera. Incluye ensayos a soldaduras, obra falsa y todo el equipo y la herramienta necesaria para el montaje.	kg	7262,30	$ 11.950,00	$ 86.784.485,00
5,3	Canal en lámina galvanizada Cal. 20 S= 50 cm	m	30,00	$ 102.625,00	$ 3.078.750,00
5,4	Cielo raso continuo en PVC blanco resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios necesarios para su correcta instalación, y las perforaciones y resane	m2	299,00	$ 62.481,00	$ 18.681.819,00
6,00	**ENHAPES Y ACCESORIOS**				**$ 3.848.936,50**
6,1	Suministro e i n s t a l a c i ó n d e E n c h a p e e n cerámica 30x60 cm	m2	27,90	$ 76.719,00	$ 2.140.460,10
6,2	Suministro e instalación de piso en porcelanato 60x60	m2	12,60	$ 105.794,00	$ 1.333.004,40
6,3	Suministro e instalación de Guarda escoba en porcelanato	ml	15,50	$ 24.224,00	$ 375.472,00
7,00	**BAÑOS**				**$ 10.414.255,00**
7,1	Sanitario Smart elongado color blanco	und	4,00	$ 573.420,00	$ 2.293.680,00
7,2	Lavamanos d e i n c r u s t a r b l a n c o t i p o s a n lorenzo	und	3,00	$ 308.460,00	$ 925.380,00
7,3	Orinal mediano blanco grifería tipo push	und	2,00	$ 663.517,00	$ 1.327.034,00
7,4	Grifería lavamanos mono control ahorradora	und	4,00	$ 189.672,00	$ 758.688,00

7,5	Grifería lavaplatos Mono control	und	1,00	$ 212.523,00	$ 212.523,00
7,6	Dispensador de toallas de papel	und	2,00	$ 90.008,00	$ 180.016,00
7,7	Dispensador de jabón líquido	und	2,00	$ 70.555,00	$ 141.110,00
7,8	Dispensador de papel higiénico	und	2,00	$ 116.410,00	$ 232.820,00
7,9	Barra de Seguridad Horizontal 36" (92 cm) para Discapacitados en acero inoxidable, de sobreponer a la pared, Ref. 30-AA-8736 de A&A, o equivalente	und	2,00	$ 244.318,00	$ 488.636,00
7,10	Espejo Cristal Biselado de 4 mm colocado flotado sobre muro, para baños W.C.	m2	6,00	$ 117.200,00	$ 703.200,00
7,11	Mesón - Lavamanos en QUARZTONE BLANCO POLAR ancho 60 cm, salpicadero 8 cm y frentero de 4 cm para Baño. Incluye fabricación, suministro e Instalación.	m2	4,00	$ 787.792,00	$ 3.151.168,00
8,00	**PAÑETES, ESTUCO Y PINTURA**				**$ 23.772.988,00**
8,1	Estuco acrílico en muros	m2	50,00	$ 15.923,00	$ 796.150,00
8,2	Pañete muro (incl. filos y dilataciones)	m2	50,00	$ 27.522,00	$ 1.376.100,00
8,3	Pintura exterior en Koraza	m2	526,50	$ 33.804,00	$ 17.797.806,00
8,4	Pintura con vinilo en muros	m2	252,00	$ 15.091,00	$ 3.802.932,00
9,00	**CARPINTERÍA DE MADERA**				**$ 7.955.775,45**
9,1	Mueble inferior de cocina h= 90 cm	m	2,15	$ 780.574,00	$ 1.678.234,10
9,2	Mueble superior de cocina h= 60 cm	m	2,15	$ 484.269,00	$ 1.041.178,35
9,3	Puerta en madera entamborada de 0.80 x 2.05 m	und	11,00	$ 476.033,00	$ 5.236.363,00
10,00	**INSTALACIONES ELÉCTRICAS**				**$ 181.881.404,00**
10,1	Suministro e instalación Unidad acondicionadora Mini Split tipo pared 12.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER. Eliminación de bacterias	und	2,00	$ 2.124.225,00	$ 4.248.450,00
10,2	Suministro e instalación Unidad acondicionadora Mini Split tipo pared 24.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER. Eliminación de bacterias	und	2,00	$ 4.982.437,00	$ 9.964.874,00
10,3	Suministro e instalación de UPS Trifásico de 10 KVA 208/120V on line, autonomía de 10 min a plana carga	und	1,00	$ 25.212.819,00	$ 25.212.819,00
10,4	Suministro e instalación de Luminaria de emergencia certificada RETIE para cuartos técnicos. Incluye 1 metro de cable encauchetado 3x18 HF FR LS y clavija.	und	7,00	$ 110.307,00	$ 772.149,00
10,5	Suministro e instalación salida de iluminación en tubería EMT 3/4", con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	und	46,00	$ 202.006,00	$ 9.292.276,00

10,6	Suministro e instalación salida de interruptor triple en tubería EMT 3/4", con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijación. AUDITORIO	und	1,00	$ 198.800,00	$ 198.800,00
10,7	Suministro e instalación salida de tomacorriente doble con polo a tierra en muro sobrepuesta en tubería EMT 3/4", con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	und	8,00	$ 193.168,00	$ 1.545.344,00
10,8	Suministro e instalación salida de tomacorriente doble BLANCA con polo a tierra en CANALETA METALICA sobrepuesta, toma corriente CABLE 12 AWG TRIPLE FASE AZUL y accesorios para fijación Y FUNCIONAMIENTO	und	22,00	$ 109.342,00	$ 2.405.524,00
10,9	Suministro e instalación de tablero Trifásico de 18 circuitos para red regulada sin espacio totalizador, incluye protecciones 12 d e 1x20A.	und	1,00	$ 962.099,00	$ 962.099,00
10,10	Suministro e instalación salida de tomacorriente doble con polo a tierra REGULADA en CANALETA METALICA sobrepuesta, toma corriente y accesorios para fijación Y FUNCIONAMIENTO	und	22,00	$ 122.784,00	$ 2.701.248,00
10,11	Suministro de mano de obra para el acondicionamiento conexión del medidor de energía, marcación de fases, adecuaciones.	und	1,00	$ 455.523,00	$ 455.523,00
10,12	Suministro e instalación salida de interruptor SENCILLO en tubería EMT 3/4", con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijación.	und	9,00	$ 142.930,00	$ 1.286.370,00
10,13	Suministro e instalación de transformador de 30 kva regulador 208/120v	und	1,00	$ 20.133.203,00	$ 20.133.203,00
10,14	Suministro e instalación de luminaria LED 60x60 40W 120V AUDITORIO	und	12,00	$ 164.533,00	$ 1.974.396,00
10,15	Suministro e instalación de un sistema de puesta a tierra con tres varillas cobre-cobre de 2,4m x 5/8", soldadura exotérmica y cable 1/0 cobre desnudo 25ml para el transformador.	und	1,00	$ 5.692.799,00	$ 5.692.799,00
10,16	Suministro e instalación de luminaria panel LED redodo de 18W 120V. Para cocina, baños cuartos de aseo, pasillos.	und	20,00	$ 34.017,00	$ 680.340,00
10,17	Suministro e instalación de planta eléctrica de 30 KVA, encabinada, en cuarto separado, con transferencia y tanque de reserva.	und	1,00	$ 51.995.849,00	$ 51.995.849,00
10,18	Suministro e instalación de Acometida trifásica a TRANSFERENCIA DESDE PLANTA Y TRASNFORMADOR 3x1/0+1/0+1/0T, incluye elementos de sujeción	m	45,00	$ 228.907,00	$ 10.300.815,00
10,19	DESMONTE DE REDES ELECTRICAS EXISTENTES. INCLUYE EL RETIRO DE TODAS LAS LUMIANRIAS	gl	1,00	$ 1.836.603,00	$ 1.836.603,00

10,20	SUMINISTRO E INSTALACIÓN DE CABLE TRENSADO 3X12 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO	m	120,00	$ 20.438,00	$ 2.452.560,00
10,21	Suministro e instalación salida PARA AA en tubería EMT 1", cable 2X10+12T awg Libre de halógenos, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	und	11,00	$ 308.877,00	$ 3.397.647,00
10,22	Suministro e instalación DE CANALETA METALICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACION RETIE.	m	90,00	$ 84.332,00	$ 7.589.880,00
10,23	Suministro e instalación de tablero trifásico de 30 circuitos con espacio para totalizador incluyen totalizador de 100A a 200A, protecciones según diagrama unifilar, conexión de acometida desde TRANSFORMADOR.	und	1,00	$ 1.462.522,00	$ 1.462.522,00
10,24	Suministro e instalación de Sensor Odc0S-I1W Infrarrojo Montaje En Techo.	und	5,00	$ 203.360,00	$ 1.016.800,00
10,25	Suministro e instalación salida para sensor infrarrojo en techo, incluye cable, conectores y elementos de fijación.	und	5,00	$ 135.615,00	$ 678.075,00
10,26	Suministro e instalación de salida de tomacorriente doble con polo a tierra GFCI, incluye cana 2400 aluminio fundido, conectores y soportes de tubería y en si todo lo necesario para su funcionamiento.	und	2,00	$ 259.377,00	$ 518.754,00
10,27	Suministro e instalación de canalización 2x3" tubo PVC 3", incluye excavación y relleno con el mismo material excavado	m	50,00	$ 85.251,00	$ 4.262.550,00
10,28	Suministro e instalación de acometida desde tn1 hasta UPS y TR1 2x6+6+8T, incluye terminales	m	15,00	$ 72.843,00	$ 1.092.645,00
10,29	Suministro e instalación de caja CS274 de 0,6x0,6m con tapa con marco y contramarco en ladrillo recocido, INCLUYE EXCAVACIÓN	und	3,00	$ 529.561,00	$ 1.588.683,00
10,30	Suministro e instalación de tubo EMT de 3" para acometida de planta a transferencia	m	20,00	$ 171.819,00	$ 3.436.380,00
10,31	Suministro e instalación de canalización 1x3" tubo PVC 3", incluye excavación y relleno con el mismo material excavado	m	5,00	$ 60.085,00	$ 300.425,00
10,32	Suministro e instalación de reflector LED con panel solar de 200w	und	6,00	$ 404.167,00	$ 2.425.002,00
11,00	**CARPINTERÍA METÁLICA**				**$ 20.334.821,90**
11,1	Marco metálico lámina Cal. 20 a=0.80 m (incl. pintura)	und	11,00	$ 191.184,00	$ 2.103.024,00
11,2	Ventana en aluminio corrediza (vidrio 4 mm)	m2	26,00	$ 342.220,00	$ 8.897.720,00

11,3	División para baño en lámina Cal. 20 (incl. pintura)	m2	13,30	$ 392.003,00	$ 5.213.639,90
11,4	Mantenimiento de ventanas y rejas metálicas existentes de dimensiones variables, incluye desmonte y reinstalación, además de pintura anticorrosiva	und	10,00	$ 59.985,00	$ 599.850,00
11,5	Puerta de dos secciones en vidrio templado con marco y travesaño fabricado en tubería tipo pesada con acabado final en ABM, cierra puerta superior, cerradura - manija con llave.	m2	4,00	$ 880.147,00	$ 3.520.588,00
12,00	**VARIOS**				**$ 8.831.162,40**
12,1	Piso continuo multicapa de mortero hidráulico polimérico, para exteriores. E=0.05m	m2	36,00	$ 80.225,00	$ 2.888.100,00
12,2	Suministro, transporte e instalación de aviso ICA de una medida aproximada de 1,5x1,0m. Incluye el aviso y estructura metálica, además de las herramientas, equipos, insumos y mano de obra requeridos para su correcta instalación. El diseño dependerá de las necesidades y requerimientos de la entidad.	und	1,00	$ 857.790,00	$ 857.790,00
12,3	Grifería para lavaplatos. Mono control sin mezclador tipo "Grival Nogal" o similar, para Cocinetas	und	1,00	$ 160.930,00	$ 160.930,00
12,4	Suministro e instalación mesón en quarztone blanco polar con reengruese de 5 cms sobre bastidor de mdf para cocina. Ancho 60 cm. Salpicadero de 8 cms frentero 4cms. Cocineta	ML	3,10	$ 673.774,00	$ 2.088.699,40
12,5	Lavaplatos sencillo en acero inoxidable 55x43 cm Socoda o equivalente, para Cocinetas	und	1,00	$ 211.011,00	$ 211.011,00
12,6	Poceta de aseo prefabricada en granito	und	1,00	$ 189.132,00	$ 189.132,00
12,7	Aseo general tanto de la parte interna como externa y donde se hayan realizado actividades para poder ejecutar la obra. (incluye retiro de sobrantes al realizar el aseo)	m2	500,00	$ 4.871,00	$ 2.435.500,00

Alcance, Duración y costo Total.

Las actividades y cantidades estimadas están alineadas con los requerimientos específicos de la sede de Magangué. Se podrán considerar actividades adicionales en esta sede, según la evaluación del estado de la estructura metálica, que se realizará una vez el equipo esté en campo, se inicie la obra, y se elabore el informe de inspección de la cubierta, conforme a las obligaciones del contrato.

Para la sede de Magangué, se ha asignado un presupuesto total de $761,676,250.33, con un plazo de ejecución de 4 meses contados a partir de la firma del acta de inicio y sujeto al cumplimiento de los requisitos de ejecución. Este plazo está previsto para finalizar el 31 de diciembre de 2024, salvo ajustes en el cronograma que se justifiquen.

5. ESTADO DE LA INFRAESTRUCTURA Y RECOMENDACIONES

Estado de la Infraestructura

Durante la visita de inspección a la obra de la zona ICA, se observaron condiciones deficientes en la infraestructura y mantenimiento de las instalaciones.

Cerramiento y Acceso

- Se encontró deterioramiento en el cerramiento perimetral.
- Gran cantidad de maleza en el cerramiento y alrededores.
- Cerramiento tubular en la entrada.
- Cerramiento de concreto en los costados derecho e izquierdo.
- Cerramiento en alambre de púa para continuar el cerramiento en concreto en ambos costados
- Camino de arena que conduce a las oficinas.

Oficinas

- Estado no óptimo de las ventanas.
- Red eléctrica en mal estado, con quejas por parte de los funcionarios.
- Mal estado de algunas oficinas, incluyendo:
- Ventanas rotas o deterioradas y si seguridad.
- Puertas dañadas.
- Baños fuera de servicio.
- Sanitarios y lavamanos en mal estado y algunos fuera de servicio
- Poceta de laboratorio fuera de servicio
- Cielo raso en deterioro y en parte inexistente y podrido por temas de humedad.

Cubierta

La Cubierta en asbesto cemento se Observa muy deteriorada, en mal estado y con presencia de animales entre la cubierta y el cielo raso

Recomendaciones

- Se requiere dejar la zona libre para poder ejecutar las actividades pertinentes ya que se va a Cambiar las instalaciones eléctricas será necesario cortar la corriente y no se podrá continuar con las funciones.

- Se recomienda seguir el cronograma, para la optimización de recursos, personal y actividades para lograr los objetivos, planteados

- Se evidencian redes de voz y datos, y sistema cerrado de cámaras, adicional a ello unos reflectores, los cuales están dentro de los límites de la intervención, por tal razón, solicitamos el desmonte oportuno de los mismos por parte de la entidad. Y si es de requerirse, su posterior instalación.

- Se debe hacer una inspección completa del estado de la cubierta, toda vez, que en solo algunos pequeños tramos se puede determinar el estado actual de la cubierta, sin embargo, se logra evidenciar que son cerchas metálicas convencionales.
- El reajuste presupuestal y la adición de actividades NO PREVISTAS se realizará una vez se tenga el informe detallado de cubierta y con ellos los recursos disponibles para nuevas actividades, en este sentido, se recomienda dar mayor alcance a las actividades externas y la impermeabilización de algunas de las placas externas de la sede

6. REGISTRO FOTOGRAFICO

























7. INFORMES ESPECIALES

ANEXOS

Ver anexo

No. 1 – Anexo 1. APUS – Magangué.
No. 2 – Anexo 2. Cronograma de actividades.
No. 3 – Anexo 3. Especificaciones Técnicas.

PLAN SST

SG-SST

ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR

Elaborado por:

SANDRA PATRICIA ABRIL SABOGAL
Especialista SST
Lic. SST. Renovación No. 14336 de 16/11/2018

PARA: INSTITUTO COLOMBIANO AGROPECUARIO

OCTUBRE 2024

CONTROL DE CAMBIOS

Versión	Fecha	Cambios realizados
00	30/10/2024	Creación de Documento

GESTION DE APROBACIÓN

Elaboró y validó	Revisó	Aprobó
Sandra Patricia Abril S. Especialista SST Lic. No. 8863 de 22/09/2008 Renovada con Lic. No. 14336 de 16/11/2018	**Javier Felipe Castillo G.** Director de obra	**Gildardo Castillo Sánchez** Representante legal
Fecha: 30/10/2024	**Fecha: 30/10/2024**	**Fecha: 30/10/2024**

TABLA DE CONTENIDO

INTRODUCCIÓN 5

1. POLITICA SG-SST 6

2. ORGANIZACIÓN DEL SISTEMA DE GESTIÓN DE SEGURIDAD Y SALUD EN EL TRABAJO (SG-SST) 7

2.1. Definiciones y abreviaturas 7

2.2. Abreviaturas y guías 9

2.3. Marco legal 9

2.4. Responsabilidades 13

2.5. Generalidades de la empresa 17

2.5.1. Estructura Organizacional para el Contrato 18

2.6. Descripción del Proyecto para ejecutar 19

2.6.1. Tiempo de ejecución 19

2.6.2. Localización del proyecto 19

2.6.3. Actividades generales que se realizan los distintos frentes de trabajo 21

2.7. Distribución del Personal 22

2.8. Horarios y turnos de trabajo 22

2.9. Aspectos Jurídicos y Laborales 22

2.9.1. Reglamento Interno de Trabajo 22

2.9.2. Reglamento de Higiene y Seguridad Industrial 22

2.9.3. Comité Paritario de Seguridad y Seguridad y Salud en el Trabajo 22

2.9.4. Comité de convivencia laboral 24

2.10. Comunicación 25

2.11. Procedimiento para la afiliación y pago al SGSS y Parafiscales 26

3. PLANIFICACIÓN DEL SG-SST 26

3.1. Evaluación Inicial o Autoevaluación del sistema de Gestión de la seguridad y salud en el trabajo SG-SST 26

3.2. Identificación de Peligros, Evaluación y valoración de riesgos y Control específicos. 27

3.3. Notificación de los Riegos 28

3.4. Objetivos 28

3.4.1. Objetivo General 28
3.4.2. Objetivos específicos 28
3.5. Alcance 29
3.6. Seguimiento y control del SG-SST. Indicadores 29
3.7. Cronograma de actividades para el Proyecto. 29
3.8. Definición de recursos 29
4. APLICACIÓN SG-SST 31
4.1. Procedimiento trabajo de alto riesgo 32
4.2. Proceso (Maquinarias, Equipos, Sistemas) Materiales e Insumos 32
4.3. Evaluaciones Medicas Ocupacionales o Exámenes Ocupacionales 33
4.4. Plan de emergencia y contingencias (Prevención, Preparación y Respuesta ante emergencias) 33
4.5. Elementos de Protección Personal – EPP 40
4.6. Inspección de seguridad 40
4.7. Medidas de control para ingreso de personal, vehículos y maquinaria 41
4.8. Permiso Para trabajo seguro 42
4.9. Señalización 42
4.10. Programa de saneamiento básico industrial 43
4.11. Programa de orden y aseo 43
4.12. Manejo de campamentos, materiales almacenados y sustancias químicas 44
4.13. Gestión del cambio 44
4.14. Contratación 45
4.15. Procedimiento de Inducción de personal 45
5. AUDITORIA Y REVISIÓN POR LA ALTA DIRECCIÓN DEL SG-SST 46
5.1. Reportes e investigación de incidentes, accidentes de trabajo y enfermedades laborales 47
5.2. Estadísticas de accidentalidad 47
6. MEJORAMIENTO CONTINUO 48
7. ANEXOS 48

INTRODUCCIÓN

La empresa **Gestión Rural y Urbana SAS** en cumplimiento a lo establecido en la ley 1562 de 2012, el decreto 1072 del 2015 y Resolución 312 del 2019 de la normatividad vigente, ha estructurado el sistema de gestión de la seguridad y salud en el trabajo (SG-SST), que tiene como propósito la estructuración de la acción conjunta entre la empresa y los trabajadores, en la aplicación de las medidas de Seguridad y Salud en el Trabajo (SST) a través del mejoramiento continuo de las condiciones y el medio ambiente laboral, y el control eficaz de los peligros y riesgos en el lugar de trabajo.

Para su efecto, la empresa aborda la prevención de las lesiones y enfermedades laborales, la protección y promoción de la salud de los trabajadores, a través de la implementación de un método lógico y por etapas cuyos principios se basan en el ciclo PHVA (Planificar, Hacer, Verificar y Actuar) y que incluye la política, organización, planificación, aplicación, evaluación, auditoría y acciones de mejora.

El desarrollo articulado de estos elementos permitirá cumplir con los propósitos del SG-SST para el objeto del contrato “ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”

Este SG-SST, se caracteriza por su adaptabilidad al tamaño y características del contrato, para centrarse en la identificación y control de los peligros y riesgos asociados con su actividad.

El esquema del sistema de gestión se describe en las siguientes etapas:

- Política
- Organización
- Planificación
- Aplicación
- Evaluación
- Auditoría
- Mejoramiento

1. POLITICA SG-SST

La alta dirección ha definido una política de SG-SST que es comunicada y divulgada a través de procesos de inducción, reinducción, actividades y ciclos de formación, capacitación y por medio de material publicitario, adicionalmente se encuentra publicada en las instalaciones administrativas y en todos los centros de trabajo.

La política es revisada anualmente en reuniones de revisión por la dirección y en caso de que se requiera y de acuerdo con los cambios empresariales y en materia de SST es actualizada.

Se anexa la política SST y las demás políticas del SG-SST GRU SAS.

Anexo 1. Políticas del SG-SST GRU SAS

2. ORGANIZACIÓN DEL SISTEMA DE GESTIÓN DE SEGURIDAD Y SALUD EN EL TRABAJO (SG-SST)

2.1. Definiciones y abreviaturas

Accidente de trabajo: Suceso repentino que sobreviene por causa o con ocasión del trabajo y produce en el trabajador una lesión orgánica, una perturbación funcional o psiquiátrica, una invalidez o la muerte

Acción correctiva: Acción tomada para eliminar la causa de una no conformidad.

Acción de mejora: Acción de optimización del Sistema de Gestión de la Seguridad y Salud en el Trabajo SG-SST.

Acción preventiva: Acción para eliminar o mitigar la(s) causa(s) de una no conformidad

Actividad rutinaria. Actividad que forma parte de la operación normal de la organización, se ha planificado y es estandarizable.

Actividad no rutinaria. Actividad que no forma parte de la operación normal de la organización, que no es estandarizable debido a la diversidad de escenarios y condiciones bajo las cuales pudiera presentarse.

Análisis del riesgo. Proceso para comprender la naturaleza del riesgo (véase el numeral 2.29) y para determinar el nivel del riesgo.

Consecuencia. Resultado, en términos de lesión o enfermedad, de la materialización de un riesgo, expresado cualitativa o cuantitativamente.

Efectividad: Logro de los objetivos del SG.-SST con la máxima eficacia eficiencia.

Eficiencia: Relación entre el resultado alcanzado y los recursos utilizados.

Emergencia: situación de peligro o desastre o la inminencia del mismo, que afecta el funcionamiento normal de la empresa.

Enfermedad laboral: Resultado de la exposición a factores de riesgo inherentes a la actividad laboral o del medio en el que el trabajador se ha visto obligado a trabajar. Ley 1562/2012.

Exposición. Situación en la cual las personas se exponen a los peligros.

Indicadores de estructura: Medidas verificables de la disponibilidad y acceso a recursos, políticas y organización con que cuenta la empresa las demandas y necesidades en SG- SST.

Indicadores de proceso: Medidas verificables del grado de desarrollo e implementación del SG-SST.

Indicadores de resultado: Medidas verificables de los cambios alcanzados en el período definido, teniendo como base la programación hecha y la aplicación de recursos propios del programa o del sistema de gestión.

Identificación del peligro. Proceso para reconocer si existe un peligro y definir sus características.

Medida(s) de control. Medida(s) implementada(s) con el fin de minimizar la ocurrencia de incidentes.

Mejora continua. Proceso recurrente de optimización del SG.SST

Nivel de riesgo. Magnitud de un riesgo resultante del producto del nivel de probabilidad por el nivel de consecuencia.

No conformidad: No cumplimiento de un requisito

Partes Interesadas. Persona o grupo dentro o fuera del lugar de trabajo involucrado o afectado por el desempeño de seguridad y seguridad y salud en el trabajo de una organización.

Peligro: Fuente, situación o acto con potencial de daño en términos de enfermedad o lesión a las personas, o una combinación de estos.

Probabilidad. Grado de posibilidad de que ocurra un evento no deseado y pueda producir consecuencias

Riesgo. Combinación de la probabilidad de que ocurra un(os) evento(s) o exposición(es) peligroso(s), y la severidad de lesión o enfermedad, que puede ser causado por el (los) evento(s) o la(s) exposición(es).

Riesgo Aceptable. Riesgo que ha sido reducido a un nivel que la organización puede tolerar con respecto a sus obligaciones legales y su propia política en seguridad y seguridad y salud en el trabajo.

Seguridad y salud en el trabajo: Disciplina que trata de la prevención de las lesiones y enfermedades causadas por las condiciones de trabajo, y de la protección y promoción de la salud de los trabajadores.
Busca mejorar las condiciones y el medio ambiente de trabajo, así como la salud en el trabajo, que conlleva la promoción y el mantenimiento del bienestar físico, mental y social de los trabajadores.

Valoración de los riesgos. Proceso de evaluar el(los) riesgo(s) que surge(n) de un(os) peligro(s), teniendo en cuenta la suficiencia de los controles existentes, y de decidir si el(los) riesgo(s) es (son) aceptable(s) o no.

2.2. Abreviaturas y guías

En este documento se encontrarán las siguientes abreviaturas:

SG-SST: Sistema de gestión de la seguridad y salud en el trabajo
SST: Seguridad y salud en el trabajo

Adicionalmente en el documento se encontrarán referencias a documentos que se encuentran insertados en el presente manual y que aparecerán con los siguientes íconos:

- Documento: Procedimiento, guía, manual, política, etc.
- Documento en Excel: programa, plan de trabajo, fichas, etc.

2.3. Marco legal

Es responsabilidad de **GESTIÓN RURAL Y URBANA S.A.S.** mantener los medios que brinden la seguridad a sus trabajadores, para lo cual el presente **SISTEMA DE GESTIÓN DE LA SEGURIDAD Y SALUD EN EL TRABAJO (SG-SST)** esta soportado en las siguientes disposiciones de ley del gobierno colombiano:

GRU SAS, dará estricto cumplimiento al contenido del presente documento los apartes ambientales y en seguridad y salud en el trabajo y la normativa vigente relacionada a continuación.

- **Resolución 2121 de 2023.** Por medio de la cual se deroga la resolución 555 del 5 de abril de 2023. Elimina uso de tapabocas y mantiene medidas de autocuidado frente al COVID-19.

- **Resolución 0312 de 2019.** Por la cual se definen los estándares mínimos del Sistema de Gestión Seguridad y Salud en el Trabajo (SG-SST).

- **Decreto 1072 de 2015. Decreto único Reglamentario del Sector Trabajo. Capítulo 6 (Sistema de gestión de Seguridad y Salud en el Trabajo)**. Por el cual se definen las directrices de obligatorio cumplimiento para implementar el Sistema de Gestión de la Seguridad y Salud en el Trabajo (SG-SST).

- **Código Sustantivo del Trabajo/1950**. Art. 34: Establece la solidaridad entre el Beneficiario de la obra y el contratista, en labores inherentes a su actividad, en cuanto a prestaciones e indemnizaciones. Art. 57: Determina obligaciones del patrono en cuanto a procurar locales apropiados y elementos de protección contra ATEL, así como atención en primeros Auxilios. Art. 58: Observar medidas preventivas de Higiene y acatar órdenes para a prevención de ATEL. Art. 309, define qué es obra o actividades de construcción. Art. 313, suspensión del trabajo por lluvia. Art. 349, Reglamento de Higiene y Seguridad.

- **Ley 9/1979**; Por la cual se dictan medidas sanitarias. Él título III habla de las disposiciones de la Seguridad y Salud en el Trabajo y estas son aplicables a todo lugar y clase de trabajo.

- **Ley 100/93, Decretos 1295/94, 1771/94, 1772/94**; Organiza el Sistema General de Riesgos Profesionales, a fin de fortalecer y promover las condiciones de trabajo y de salud de los trabajadores en los sitios donde laboran. El sistema aplica a todas las empresas y empleadores.

- **Ley 962/2005.** El Congreso Nacional derogó la obligación de las empresas de registrar ante el Ministerio de la Protección Social el Reglamento de Higiene y Seguridad Industrial. Artículo 55. Supresión de la revisión y aprobación del reglamento de higiene y seguridad por el Ministerio de Protección Social.

- **Ley 1010/2006.** Adopta medidas para prevenir, corregir el acoso laboral y otros hostigamientos en el marco de las relaciones del trabajo.

- **Ley 776 de 2001**. Establece y define el derecho a las prestaciones económicas y asistenciales por accidentes de trabajo y/o enfermedad profesional.

- **Ley 1562 de 11 julio de 2012**. Por la cual se modifica el sistema de riesgos laborales y se dictan otras disposiciones en materia de Seguridad y Salud en el Trabajo.
- **Decreto 1772 /1994.** Por el cual se reglamenta la afiliación y las cotizaciones al sistema general de riesgos profesionales.
- **Decreto 917/99**; Manual único de calificación de invalidez.
- **Decreto 768/2022**. Por el cual se actualiza la Tabla Clasificación actividades económicas para el Sistema General de Riesgos Laborales y se dictan otras disposiciones.
- **Decreto 1563/2016.** Por el cual se reglamenta la afiliación voluntaria al sistema general de riesgos laborales de los trabajadores independientes que devenguen uno (1) o más salarios mínimos legales mensuales vigentes (smlmv) así mismo se reglamenta el pago de aportes.
- **Decreto 2943 DE 2013.** "por el cual se modifica el parágrafo 1º del artículo 40 del Decreto 1406 de 1999" el empleador solo pagará los dos (2) primeros días de incapacidad originada por enfermedad general.
- **Resolución 4272 de diciembre de 2021**. Por la cual se Establece los requisitos mínimos de seguridad para el desarrollo de trabajos en alturas y lo concerniente con la capacitación y formación de los trabajadores y aprendices en los centros de entrenamiento de trabajo en alturas.
- **Decreto 1670/2007.** Por medio del cual se ajustan las fechas para el pago de aportes al Sistema de la Protección Social y para la obligatoriedad del uso de la Planilla Integrada de Autoliquidación de Aportes.
- **Resolución 2346/2007.** por la cual se regula la práctica de evaluaciones médicas ocupacionales y el manejo y contenido de las historias clínicas ocupacionales.
- **Resolución 2646/2008**. por la cual se establecen disposiciones y se definen responsabilidades para la identificación, evaluación, prevención, intervención y

monitoreo permanente de la exposición a factores de riesgo en el trabajo y para la determinación del origen de las patologías causadas por el estrés ocupacional.

- **Resolución 652 del 30 de Abril de 2012.** Por la cual se establece la conformación y funcionamiento del Comité de Convivencia Laboral en entidades públicas y empresas privadas y se dictan otras disposiciones.

- **Resolución 02413 de 1979**. Por la cual se dicta el Reglamento de Higiene y Seguridad para la Industria de la Construcción.

- **Resolución 1016 /89**. Reglamento para la organización y funcionamiento y forma de los programas de Seguridad y Salud en el Trabajo.

- **Resolución 2013/1986**. Por el cual se reglamenta la organización y funcionamiento de los comités de medicina, higiene y seguridad industrial en los lugares de trabajo.

- **Resolución 1792/1990.** Por la cual se adopta valores límites permisibles para la exposición ocupacional al ruido.

- **Resolución 1356 de 18 de julio de 2012**. Por la cual se modifica parcialmente la Resolución 652 de 2012.

- **Resolución 1918/2009.** Por la cual se modifican los artículos 11 y 17 de la Resolución 2346 de 2007 y se dictan otras disposiciones.

- **Resolución 1075/92**. Dispone el establecimiento de actividades en el Marco del Programa de Seguridad y Salud en el Trabajo, relacionados con el control de la farmacodependencia, alcoholismo y tabaquismo.

- **Resolución 3941 de 1994 del Ministerio de Trabajo.** Determina que la práctica de la prueba de embarazo como prerrequisito para que la mujer pueda acceder a un empleo u ocupación queda prohibida, excepto para aquellos empleadores de actividades catalogadas legalmente como de alto riesgo.

- **Resolución 2569/99**. Establece los criterios técnicos para la determinación del origen de las enfermedades y de los accidentes.

2.4. Responsabilidades

Responsabilidades del contratista Gestión Rural Y Urbana SAS:

- ✓ Disponer de herramientas tecnológicas necesarias para facilitar el desarrollo de las obligaciones SST, ambiental, maquinaria, vehículos y equipos.
- ✓ Elaborar e implementar los programas, procedimientos, planes y demás documentos y medidas ambientales, de seguridad y salud en el trabajo requeridos durante el contrato de acuerdo con las actividades a ejecutar.
- ✓ Garantizar durante el desarrollo del contrato la realización de inducción y capacitación para el personal vinculado al contrato.
- ✓ Tomar las medidas preventivas y correctivas en los procedimientos constructivos, para dar cumplimiento efectivo a las obligaciones establecidas en el SGSST.
- ✓ Cumplir con los procedimientos, formatos y registros requeridos para la ejecución de las actividades SST.
- ✓ Mantener los registros de suministro, control de uso y recambio de los elementos de protección personal para la totalidad de sus trabajadores de conformidad con la matriz, y garantizar que durante el desarrollo de la obra todo el personal use los elementos de protección de acuerdo con las actividades que se realicen.

Gerencia y/o Representante Legal:

- ✓ Disponer de los recursos necesarios para implementar el Sistema de Gestión de Seguridad y Salud en el Trabajo SG-SST, gestión ambiental y maquinaria, vehículos y equipos.
- ✓ Definir y promover la divulgación de la política de seguridad y salud en el trabajo.
- ✓ Notificar a las autoridades competentes los accidentes de trabajo y las enfermedades laborales que se presenten.
- ✓ Informar a los trabajadores sobre los riesgos a los cuales están expuestos, sus efectos y las medidas preventivas correspondientes.
- ✓ Asignar y comunicar las responsabilidades específicas en Seguridad y Salud en el Trabajo a todos los niveles de la empresa.
- ✓ Facilitar a los trabajadores la asistencia a cursos y programas educativos, que se realicen para la prevención y promoción de los riesgos laborales.

- ✓ Cotizar ante la Administradora de Riesgos laborales el valor de cotización, con el objeto de amparar las contingencias de accidente de trabajo y enfermedad laboral.
- ✓ Cumplir los requisitos normativos vigentes aplicables en materia de seguridad y salud en el trabajo para el sector y de acuerdo con la actividad a realizar.
- ✓ Promover la participación de todos los miembros de la empresa en la implementación del Sistema de Gestión de Seguridad y Salud en el trabajo SG-SST.
- ✓ Garantizar y promover el cumplimiento de SST por parte de subcontratistas vinculados al contrato.

Director de obra:

- ✓ Favorecer el control de la accidentalidad, morbilidad y el ausentismo laboral, así como liderar el control total de pérdidas sobre el medio ambiente, los materiales, la infraestructura física y tecnológica y sobre los clientes internos y externos.
- ✓ Servir como multiplicador en el conocimiento de los factores de riesgo, sus efectos, controles y protecciones y ser ejemplo en la aplicación de procedimientos y comportamientos seguros en el trabajo.
- ✓ Gestionar oportunamente los recursos necesarios para la implementación del SG-SST.
- ✓ Promover los hábitos, estilos de vida y de trabajo saludables, convirtiéndose en modelo sobre el auto cuidado y la seguridad basada en el comportamiento.
- ✓ Garantizar y promover el cumplimiento de SST por parte de subcontratistas vinculados al contrato.

Residente de Obra:

- ✓ Notificar de manera inmediata los accidentes de trabajo y enfermedades laborales que se presenten.
- ✓ Asistir a las actividades de capacitación que se realicen a los trabajadores.
- ✓ Facilitar el tiempo necesario para la capacitación del personal.
- ✓ Atender las observaciones generales del personal en cuanto a las condiciones inseguras que puedan generar posibles accidentes de trabajo y tomar las acciones correctivas y preventivas a que haya lugar.
- ✓ Atender las observaciones y solicitudes del Residente SST para el cumplimiento del Sistema de Gestión y Salud en el Trabajo.
- ✓ Participar en la investigación de los accidentes de trabajo que se presenten en el proyecto.
- ✓ Cumplir y hacer cumplir la política, normas y procedimientos establecidos en materia de Seguridad y Salud en el trabajo.

Residente de Seguridad y Salud en el Trabajo:

- ✓ Elaborar el sistema de gestión de seguridad y salud en el trabajo a implementar en el contrato.
- ✓ Entregar los soportes que se requieran para evidenciar el cumplimiento de los componentes SST, ambiental, maquinaria, vehículos y equipo en los plazos que se determinen.
- ✓ Diligenciar los formatos contenidos en el SG-SST y que puedan servir como herramienta de verificación en la labor de la Supervisores del Contrato, GRU SAS se compromete a permitir el acceso en todo momento a estos formatos y los soportes respectivos a la Supervisión del contrato.
- ✓ Identificar, valorar y priorizar los riesgos presentes en las actividades a ejecutar dentro del contrato.
- ✓ Determinar los controles necesarios para minimizar los riesgos de Accidente de Trabajo y Enfermedad Laboral.
- ✓ Implementar el plan de seguridad industrial en obra, de acuerdo con las instrucciones impartidas por el área de seguridad y salud en el trabajo de la empresa.
- ✓ Verificar la afiliación a la seguridad social de todo el personal que vaya a ingresar a la obra incluyendo la del personal de los subcontratistas. En caso de que el personal no cuente con la respectiva afiliación no se le permitirá el ingreso la obra.
- ✓ Brindar soporte al residente de obra en el tema de seguridad industrial.
- ✓ Realizar la coordinación con la ARL de la empresa para las diferentes actividades de promoción y prevención a través del área de seguridad y salud en el trabajo de la empresa.
- ✓ Reportar AT y llevar las correspondientes estadísticas, en caso de que se presenten.
- ✓ Indicar respecto de los elementos de protección personal requeridos para las actividades a desarrollar.
- ✓ Verificar la implementación del programa de protección contra caídas y realizar los ajustes a que haya lugar, de acuerdo con las condiciones y avance de la obra.
- ✓ Solicitar oportunamente los recursos necesarios para la implementación del Sistema de Gestión de Seguridad y Salud en el Trabajo.
- ✓ Verificar el cumplimiento de las normas de seguridad industrial en obra por parte de todo el personal contratistas y visitantes.
- ✓ Implementar y asegurar el cumplimiento de todas las actividades programadas y procedimientos plasmados en el SG-SST.
- ✓ Planear la implementación de un servicio oportuno y eficiente de atención de emergencias.
- ✓ Asistir a los comités de seguimiento ambiental, SST y demás reuniones a las que se le requiera por parte de la interventoría.
- ✓ Reportar la gestión SST en los comités técnicos.
- ✓ Ejecutar las actividades del programa de inducción, motivación y entrenamiento en SST para el personal vinculado al contrato de la obra (mano de obra calificada y no calificada) acorde con la identificación de riesgos.

- ✓ Revisar a diario bitácora, hacer anotaciones, firmar e implementar las acciones requeridas, en el desarrollo de las visitas y comités realizados.
- ✓ Verificar y solicitar a la interventoría la aprobación de los permisos de trabajo para actividades de alto riesgo.
- ✓ Se debe contar con brigadas de emergencias (primeros auxilios, contra incendio, evacuación y rescate) de tal forma que se pueda responder de forma inmediata frente a cualquier evento que se presente.
- ✓ Se debe medir la efectividad del plan de emergencias y contingencias propuesto mediante simulacros e inspecciones y realizar los ajustes necesarios.

Brigada de Orden, Aseo y Limpieza:

- ✓ Procurar el cuidado integral de su salud.
- ✓ Cumplir con las normas y reglamentos de Seguridad y Salud en el Trabajo de la empresa.
- ✓ Conservar en orden y aseo los lugares de trabajo, lugares comunes, las herramientas y los equipos.
- ✓ Usar en forma oportuna y adecuada los dispositivos de prevención de riesgos y los elementos de protección personal.
- ✓ Seguir procedimientos seguros para su protección, la de sus compañeros y la del proyecto en general.
- ✓ Informar toda condición peligrosa o prácticas inseguras al residente de Seguridad y Salud en el Trabajo y hacer sugerencias para prevenir o controlar los factores de riesgo.
- ✓ Tomar parte activa del Comité Paritario de Seguridad y Salud en el Trabajo, brigadas de emergencia, comisiones y programas de inspección que se asignen.

Comité Paritario de Seguridad Y Salud en el Trabajo y/o Vigía de seguridad:

- ✓ Participar en las actividades de promoción, divulgación e información del SG-SST.
- ✓ Actuar como instrumento de vigilancia para el cumplimiento del SG-SST.
- ✓ Emitir recomendaciones para el mejoramiento del SG-SST.
- ✓ Recibir copias de conclusiones y recomendaciones sobre inspecciones e investigaciones que realicen las autoridades de SST en los sitios de trabajo.
- ✓ Proponer a la administración de la empresa la adopción de medidas y desarrollo de actividades que procuren y mantengan la salud en los lugares y ambientes de trabajo.
- ✓ Proponer y participar en actividades de capacitación en SST dirigidas a trabajadores, supervisores y directivos de la empresa.
- ✓ Participar en el análisis de causas de los accidentes de trabajo y enfermedades laborales y proponer al empleador medidas correctivas a que haya lugar para evitar su ocurrencia.

- ✓ Participar en visitas de inspección a lugares y ambientes de trabajo e informar al empleador sobre los factores de riesgo y sugerir medidas correctivas y de control.
- ✓ Apoyar la identificación de peligros y evaluación de riesgos que se deriven de los cambios que puedan darse en la empresa y la adopción de las medidas de prevención y control antes de su implementación.
- ✓ Servir como organismo de coordinación entre empleador y trabajadores en la solución de problemas relacionados con SST.
- ✓ Elegir el secretario del comité.
- ✓ Mantener el archivo de actas de reunión y demás actividades que se desarrollen.
- ✓ Participar activamente en la revisión del programa de capacitación en SST una vez al año.
- ✓ Apoyar al empleador en la planificación de auditoría anual al cumplimiento del SG-SST.

Trabajadores (directos o contratistas):

- ✓ Procurar el cuidado integral de su salud.
- ✓ Suministrar información clara, veraz y completa sobre su estado de salud.
- ✓ Informarse sobre los factores de riesgo de su oficio y puesto de trabajo, los efectos derivados de la exposición y las medidas preventivas y de protección. Informar toda condición peligrosa y práctica insegura, recomendando medidas de prevención y control para los factores de riesgo.
- ✓ Participar activamente de las actividades de prevención y promoción en Riesgos Laborales fomentadas por la empresa.
- ✓ Cumplir las normas y reglamentos de seguridad y Salud en el trabajo, además de los procedimientos seguros de operación, para su protección, la de sus compañeros y los bienes de la empresa.
- ✓ Participar y contribuir al cumplimiento de los objetivos del Sistema de Gestión de la Seguridad y Salud en el Trabajo SG-SST.
- ✓ Participar activamente de la inducción inicial, capacitaciones charlas antes de los inicios de las actividades, pausas activas entre otras actividades.
- ✓ Darles el uso adecuado a los elementos de protección personal, portarlos durante toda la jornada de trabajo y guardarlos y mantenerlos aseados y limpios.
- ✓ Informar las condiciones, actos inseguros o condiciones de salud que puedan afectar el correcto desempeño de sus actividades.

2.5. Generalidades de la empresa

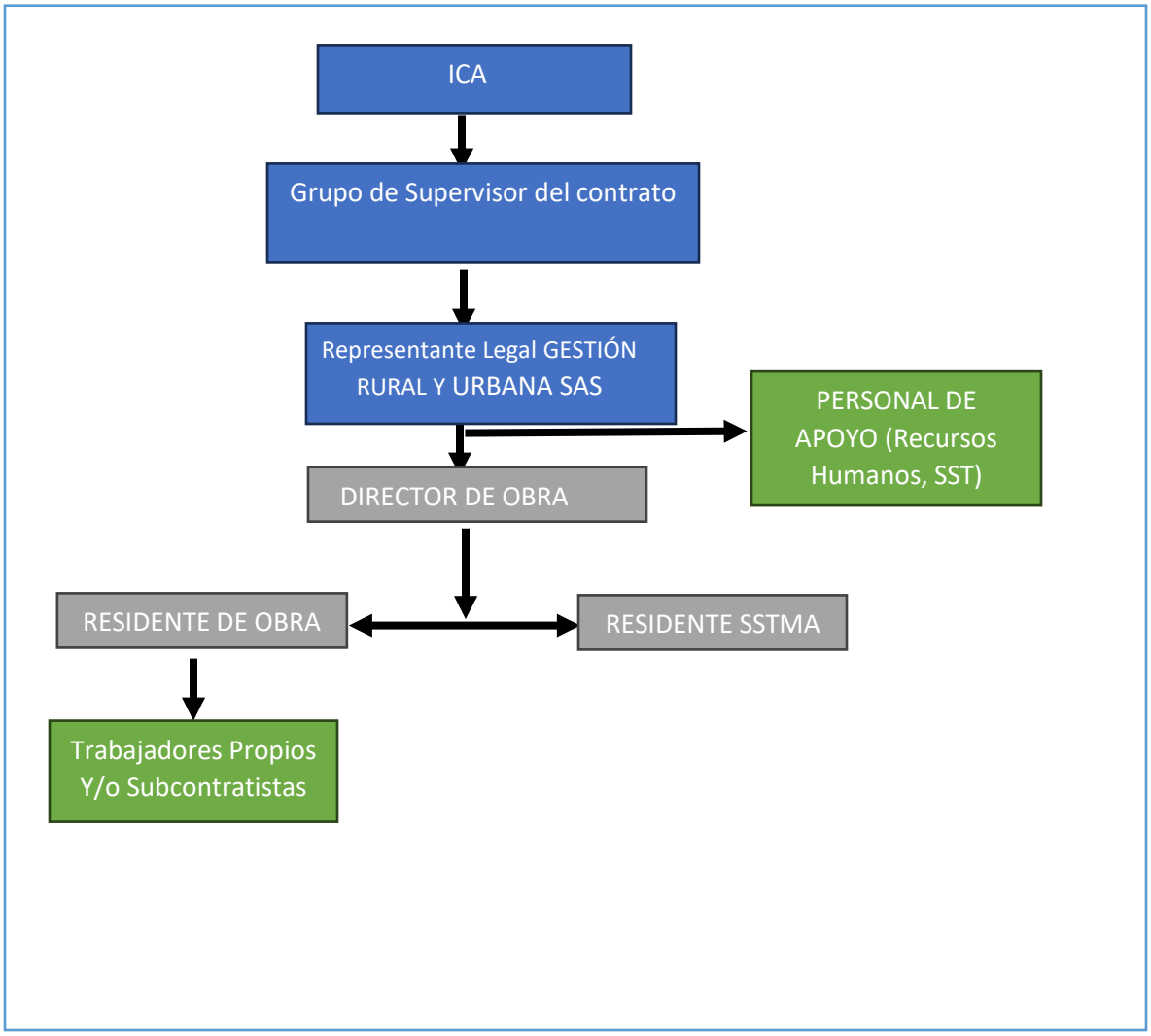
***Tabla N° 1**. Información de Gestión Rural y urbana SAS*

INFORMACIÓN BASICA DE LA EMPRESA	
NIT	830.128.894-1
RAZON SOCIAL	GESTIÓN RURAL Y URBANA S.A.S.

SIGLA	GRU S.A.S
ACTIVIDAD ECONOMICA	4330 – Terminación y acabado de edificios y obras de ingeniería civil
ARL	COLMENA
CLASE DE RIESGO	I, III, V
REPRESENTANTE LEGAL	GILDARDO CASTILLO SÁNCHEZ
DIRECCIÓN DE SEDE ADMINISTRATIVA	Carrera 32 No. 25 B 45 Bogotá D.C.
TELEFONO	2441734 - Bogotá

2.5.1. Estructura Organizacional para el Contrato

Figura N° 1. *Organigrama GRU SAS para ejecución del contrato. Fuente GRU SAS*



2.6. Descripción del Proyecto para ejecutar

El proyecto consiste en las actividades de adecuación y mantenimientos de oficinas del ICA en el Departamento de Bolívar:

a. Adecuación de la oficina local ICA MAGANGUÉ.
b. Mantenimiento de la oficina local ICA en CARMEN DE BOLIVAR.

2.6.1. Tiempo de ejecución

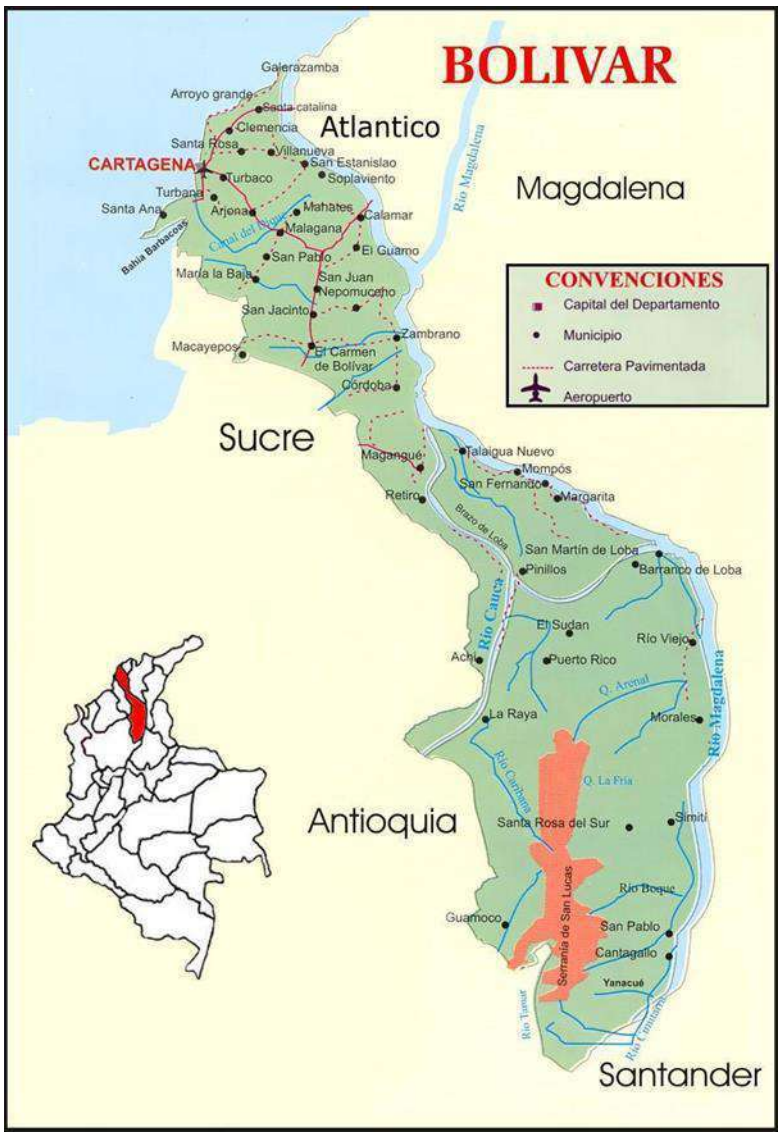
El contrato de obra está estimado para un tiempo de 2 meses.

2.6.2. Localización del proyecto

Localización General:

El proyecto se ejecutará en los municipios de Magangué y Carmen de Bolívar del Departamento de Bolívar.

Figura N° 2. *Localización Departamento de Bolívar dentro del contexto nacional. Fuente: https://www.gifex.com/fullsize/2011-08-25-14525/Mapa_de_carreteras_de_Bolivar.html*



2.6.3. Actividades generales que se realizan en los distintos frentes de trabajo.

Se tienen las siguientes actividades en los dos frentes de obra:

- Actividades preliminares: replanteo y desmonte
- Movimiento de tierras (cerramiento)
- Estructuras en concreto (cerramiento)
- Estructura metálica.
- Instalaciones eléctricas e iluminación.
- Cubierta.
- Pañetes.

- Carpintería metálica.
- Carpintería de aluminio.
- Dortación de baños, griferías y accesorios.
- Pinturas.
- Aseo general y retiro de escombros (RCD)

2.7. Distribución del Personal

Para ejecutar el objeto del contrato se dispondrá del siguiente personal:

Tabla N° 2. *Personal mínimo y promedio para la ejecución del contrato.*

CARGO	CANTIDAD
Representante Legal	1
Director de obra	1
Inspector SISOMA	2
Residente de Obra	2
Ingeniero Electricista	1
Ingeniero Estructural	1
Obreros o personal operativo	14

Nota: La cantidad de personal puede cambiar dependiendo de la necesidad en la ejecución de las Actividades

2.8. Horarios y turnos de trabajo

El horario de trabajo establecido será el siguiente: lunes a viernes de 7:00 a.m. A 12.00 m y de 1:00 P.M. A 4:30 P.M. 1 descanso de 15 minutos durante la jornada laboral de 9:00 a.m. a 9:15 a.m. Hora de almuerzo de 12:00 a 1:00 p.m. Sábados de 7:00 a.m. a 10:30 a.m. Sujeto a modificación de acuerdo con la dinámica de la obra.

2.9. Aspectos Jurídicos y Laborales

2.9.1. Reglamento Interno de Trabajo

Gestión Rural y Urbana SAS cuenta con un Reglamento Interno, el cual se encuentra en proceso de actualización en razón a las últimas disposiciones emitidas por el gobierno nacional.

2.9.2. Reglamento de Higiene y Seguridad Industrial

Se tiene elaborado el Reglamento de Higiene y Seguridad Industrial y se encuentra publicado en un lugar visible para los funcionarios y trabajadores de las diferentes obras.

Anexo 2. Reglamento de Higiene y seguridad Industrial.

2.9.3. Comité Paritario de Seguridad y Seguridad y Salud en el Trabajo

Gestión Rural y Urbana SAS cuenta con un Comité Paritario de Seguridad y Salud en el Trabajo, dando cumplimiento a la resolución 2013 de 1986 y el Decreto 1295 de 1994.

Mediante el Decreto 1443 del 2014, se modifica el nombre de Salud Ocupacional (COPASO) a comité de seguridad y salud en el trabajo (COPASST) implementado por el Sistema de Gestión de Seguridad y Salud en el Trabajo (SG-SST).

El comité paritario se reúne mensualmente durante la jornada laboral y desarrolla actividades de investigación, capacitación, inspección, vigilancia, coordinación participación y promoción en seguridad y salud en el trabajo participando de manera activa en el funcionamiento del sistema de gestión de la seguridad y salud en el trabajo.

A su vez para este contrato dependiendo la cantidad de trabajadores se conformarán el comité COPASST.

Dentro de las principales funciones y responsabilidades del COPASST, dando cumplimiento al artículo 11 de la resolución 2013 de 1989, artículo 26 del decreto 614 y el decreto 1295 de 1994, se encuentran:

- ✓ Proponer a la administración de la empresa o establecimiento de trabajo la adopción de medidas y el desarrollo de actividades que procuren y mantengan la salud en los lugares y ambientes de trabajo.
- ✓ Proponer y participar en actividades de capacitación en seguridad y salud en el trabajo dirigidas a trabajadores, supervisores y directivos de la empresa o establecimiento de trabajo.
- ✓ Colaborar con los funcionarios de entidades gubernamentales de seguridad y salud en el trabajo en las actividades que éstos adelanten en la empresa y recibir por derecho propio los informes correspondientes.
- ✓ Vigilar el desarrollo de las actividades que en materia de medicina, higiene y seguridad industrial debe realizar la empresa de acuerdo con el Reglamento de Higiene y Seguridad Industrial y las normas vigentes; promover su divulgación y observancia.
- ✓ Colaborar en el análisis de las causas de los accidentes de trabajo y enfermedades laborales y proponer al empleador las medidas correctivas que haya lugar para evitar su ocurrencia. Evaluar los programas que se hayan realizado.
- ✓ Visitar periódicamente los lugares de trabajo e inspeccionar los ambientes, máquinas, equipos, aparatos y las operaciones realizadas por el personal de trabajadores en cada área o sección de la empresa e informar al empleador sobre la existencia de factores de riesgo y sugerir las medidas correctivas y de control.

- ✓ Estudiar y considerar las sugerencias que presenten los trabajadores en materia de medicina, higiene y seguridad industrial.
- ✓ Servir como organismo de coordinación entre empleador y los trabajadores en la solución de los problemas relativos a la seguridad y salud en el trabajo. Tramitar los reclamos de los trabajadores relacionados con la seguridad y salud en el trabajo.

2.9.4. Comité de convivencia laboral

Gestión Rural y Urbana SAS cuenta con un comité de convivencia laboral dando cumplimiento a lo establecido en las resoluciones 652 y 1356 de 2012, creado como medida preventiva para el acoso laboral. Sesiona de manera trimestral o en casos que requieran intervención inmediata.

El comité de convivencia tiene las siguientes funciones:

- Realizar una reunión cada tres meses para hacer seguimiento a las solicitudes recibidas y temas tratados en cada reunión o para hacer seguimiento a los casos presentados en ese periodo de tiempo entre una reunión y otra.
- Realizar comités extraordinarios cuando haya lugar a realizarlos y la complejidad de la situación lo amerite.
- Recibir y dar trámite a las quejas presentadas en las que se describan situaciones que puedan constituir acoso laboral, así como las pruebas que las soportan.
- Examinar de manera confidencial los casos específicos o puntuales en los que se formule queja o reclamo, que pudieran tipificar conductas o circunstancias de acoso laboral, al interior de la entidad pública o empresa privada.
- Escuchar a las partes involucradas de manera individual sobre los hechos que dieron lugar a la queja.
- Adelantar reuniones con el fin de crear un espacio de diálogo entre las partes involucradas, promoviendo compromisos mutuos para llegar a una solución efectiva de las controversias.
- Formular planes de mejora y hacer seguimiento a los compromisos,
- Presentar a la alta dirección de la empresa las recomendaciones para el desarrollo efectivo de las medidas preventivas y correctivas del acoso laboral (si se presenta).

A continuación, se describen las acciones y procedimientos a seguir para evitar conductas de acoso laboral y así prevenir el riesgo psicolaboral:

- Divulgar el significado de acoso laboral en la obra y personal administrativo.

- Asegurar vías para resolver los conflictos de manera objetiva y democrática se establecerá con el comité de convivencia laboral.
- Establecer contactos independientes con los trabajadores.
- Investigar el alcance y naturaleza del problema.
- Implicar a los trabajadores y representantes en la prevención del acoso laboral.
- Divulgar continuamente los valores, normas de la organización, consecuencias y sanciones del incumplimiento de las normas.
- Indicar dónde y cómo pueden obtener ayuda las víctimas de acoso laboral.
- Garantizar el derecho a quejarse sin represalias.
- Mantener la confidencialidad.
- Escuchar a ambas partes de forma objetiva.

2.10. Comunicación

Gestión Rural y Urbana SAS ha establecido mecanismos de comunicación, participación y consulta de empleados y partes interesadas externas (proveedores, contratistas, clientes, comunidad, autoridad, entre otras) sobre los aspectos relevantes del SG-SST.

Adicionalmente las partes interesadas externas podrán comunicarse al correo del contrato gru.magangue.carmen.2024@gmail.com, las comunicaciones en medio físico que lleguen a las instalaciones de la empresa relacionadas con SG-SST del objeto de contrato serán recibidas por el área administrativa de Gestión Rural y Urbana SAS y tramitadas por el residente HSEQ con visto bueno del Director de obra, se asegura que las partes interesadas externas son consultadas acerca de asuntos relativos en seguridad y salud en el trabajo cuando sea apropiado.

Adicionalmente al ingreso a los frentes de trabajo o áreas de intervención se comunicará a todo visitante las recomendaciones de seguridad mínimas para la permanencia en dichos lugares.

Las solicitudes, inquietudes y sugerencias de los trabajadores de la empresa relacionadas con el tema se SG-SST deberán ser comunicadas al Comité de seguridad y salud en el trabajo, quien en sus reuniones mensuales las abordará como punto en la agenda.

Para la comunicación interna a trabajadores de aspectos relacionados con el SG-SST se podrán utilizar los siguientes mecanismos: cartelera SST, correos electrónicos, boletines, folletos, cartillas sobre temas relacionados con la SG-SST programa de inducción, capacitación y entrenamiento, entre otros.

2.11. Procedimiento para la afiliación y pago al SGSS y Parafiscales

El procedimiento para afiliación del personal al Sistema General de Seguridad Social será:

- Afiliación a EPS y Fondo de pensiones que tenga el trabajador.
- Afiliación a ARL COLMENA el día anterior al inicio de las actividades del trabajador en obra en riesgo V.
- Afiliación a la Caja de Compensación.

Para el personal de subcontratistas se realizará la respectiva verificación de sus afiliaciones al Sistema General de Seguridad Social antes de su ingreso a la obra y posteriormente los respectivos pagos mensuales.

No se permitirá realización de actividades de personal que no esté afiliado al Sistema General de Seguridad Social o que no cuente con los pagos respectivos, de acuerdo con los plazos establecidos por la ley.

Gestión Rural y Urbana S.A.S. realizará el pago de Seguridad Social de acuerdo con el plazo establecido por la ley según sus últimos dos números de Nit, que corresponde al 16 día hábil de cada mes.

3. PLANIFICACIÓN DEL SG-SST

Para la planificación del sistema se tienen en cuenta los siguientes aspectos que son fundamentales para el correcto desarrollo de los proyectos, los cuales son:

3.1. Evaluación Inicial o Autoevaluación del sistema de Gestión de la seguridad y salud en el trabajo SG-SST

La evaluación inicial se realiza con el fin de identificar las prioridades en seguridad y salud en el trabajo para establecer el plan de trabajo.

Permitirá mantener vigentes las prioridades en seguridad y salud en el trabajo acorde con los cambios en las condiciones y procesos de trabajo de la empresa y su entorno, y acorde con las modificaciones en la normatividad del Sistema General de Riesgos Laborales en Colombia.

La evaluación inicial debe incluir, entre otros, los siguientes aspectos:

1. La identificación de la normatividad vigente en materia de riesgos laborales incluyendo los estándares mínimos del Sistema de Garantía de Calidad del Sistema General de Riesgos Laborales.

2. En la identificación de peligros deberá contemplar los cambios de procesos, instalaciones, equipos, maquinarias, entre otros.

3. La identificación de las amenazas y evaluación de la vulnerabilidad de la obra a intervenir.

4. La evaluación de la efectividad de las medidas implementadas, para controlar los peligros, riesgos y amenazas, que incluya los reportes de los trabajadores.

5. El cumplimiento del programa de capacitación incluyendo la inducción y reinducción para los trabajadores.

Anexo 3. Ultima autoevaluación radicada ante el ministerio de trabajo.

3.2. Identificación de Peligros, Evaluación y valoración de riesgos y Control específicos.

Se presenta para esta obra la identificación de peligros, evaluación y valoración de los riesgos.

La identificación de peligros, evaluación y valoración de los riesgos será validada cuando se realice visita a la obra y se actualizará cuando se requiera teniendo en cuenta si se deben realizar actividades que no se contemplaron inicialmente y que generen riesgos diferentes a los ya valorados o en caso de accidente de trabajo grave o mortal o un evento catastrófico en la empresa. En la matriz van contemplados los controles a implementar que sean necesarios para minimizar los riesgos que afecten el libre desarrollo de las actividades de los trabajadores en obra.

La metodología utilizada para la identificación de peligros, evaluación y valoración de riesgos es la GTC 45.

Se permitirá la participación activa de los trabajadores y partes interesadas en la priorización de los riesgos a través de la validación de la matriz de peligros, se establecerá la metodología que permita identificar los peligros, evaluar y priorizar los riesgos que puedan afectar la Seguridad y Salud en el Trabajo; estableciendo los controles necesarios para la promoción de ambientes de trabajo seguros y saludables.

Al establecer los controles, y de acuerdo con la naturaleza de los peligros, la priorización realizada, se debe tener en cuenta la necesidad de utilizar metodologías adicionales para complementar la evaluación de los riesgos.

Anexo 4. Matriz de Identificación de peligros, evaluación y valoración de Riesgos.

3.3. Notificación de los Riegos

El proceso de notificación de riesgos para los puestos de trabajo que se van a tener en obra será llevado a cabo en el proceso de inducción inicial por parte del residente SST, para ello los formatos de notificación cuentan con la información suficiente para el reporte de los riesgos existentes, serán entregados a los trabajadores para que se familiaricen con el formato y así conozcan la exposición que van a tener. Los formatos serán firmados por el residente SST y al completarse la actividad son firmados por cada uno de los trabajadores que han sido objeto de la notificación, como constancia de que el trabajador lo ha recibido y está enterado de todo su contenido. Este tipo de actividad permite la interacción con el trabajador para lograr un mejor entendimiento de todo lo reflejado en los formatos de notificación y les permitirá aclarar cualquier duda que tengan sobre la información allí presentada.

Anexo 5. Formato de Notificación de Riesgos.

3.4. Objetivos

3.4.1. Objetivo General

Establecer la planeación, organización, ejecución, evaluación, seguimiento y mejora continua de acciones de seguridad y salud en el trabajo de la población trabajadora del Objeto de Contrato **“**ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR**”** bajo el cumplimiento de la política de Seguridad y Salud en el Trabajo definida por Gestión Rural y Urbana S.A.S.

3.4.2. Objetivos específicos

- Cumplir los requerimientos en materia SST y ambiental.
- Desarrollar actividades de prevención de enfermedades laborales y accidentes de trabajo.

- Evaluar en forma cualitativa y cuantitativa la magnitud de los factores de riesgo presentes en la obra, para determinar su real peligrosidad.
- Analizar e implementar los sistemas de control requeridos de acuerdo con los riesgos existentes.
- Dar cumplimiento a las disposiciones legales vigentes en materia de Salud y Seguridad en el Trabajo, siendo este un elemento primordial requerido para el buen funcionamiento del contrato.

3.5. Alcance

El presente Sistema de Gestión de Seguridad y Salud en el Trabajo, aplica a todo el personal vinculado al proyecto contratistas, subcontratistas, visitantes, personal de obra. Sus disposiciones son de total aplicación y obligatorio cumplimiento, con el fin de preservar y mantener la salud física y mental, prevenir accidentes y enfermedades laborales, así como para promover las condiciones de higiene y bienestar de los trabajadores en sus diferentes actividades.

3.6. Seguimiento y control del SG-SST. Indicadores

EL SISTEMA DE GESTIÓN DE LA SEGURIDAD Y SALUD EN EL TRABAJO (SG-SST) será evaluado con la periodicidad establecida en la empresa para determinar el grado de efectividad o impacto que las acciones han tenido sobre las condiciones de trabajo y salud de la comunidad laboral.

Para el análisis de los resultados del SISTEMA DE GESTIÓN DE LA SEGURIDAD Y SALUD EN EL TRABAJO (SG - SST)

Anexo 6. Indicadores de evaluar SG-SST GRU SAS.

3.7. Cronograma de actividades para el Proyecto.

Se realiza el plan de trabajo y plan de capacitación de acuerdo con el tiempo estipulado para ejecución de obra. En él se encuentran las actividades contempladas para el correcto desarrollo de la obra cumpliendo con lo establecido en el presente sistema de gestión de seguridad y salud en el trabajo SG-SST.

Anexo 7. Cronograma de actividades y plan de capacitación para el Proyecto.

3.8. Definición de recursos

Gestión Rural y Urbana SAS, desde el área directiva define y asigna los recursos físicos, financieros y humanos para el diseño, desarrollo, supervisión y evaluación de las medidas de prevención y control, para la gestión eficaz de los peligros y riesgos en el lugar de trabajo de las diferente obras y también para que los responsables de la implementación de los SG-SST en las diferentes sedes de trabajo puedan cumplir de manera satisfactoria con sus funciones.

Gestión Rural y Urbana SAS asigna los recursos para establecer, implementar, mantener y mejorar el sistema de gestión de Seguridad y Salud en el Trabajo en términos de la infraestructura organizacional y los recursos tecnológicos. Anualmente se designa el presupuesto que será aprobado por la alta gerencia y se evalúa su cumplimiento.

- **Recursos humanos**

Para el contrato, se dispone de 2 inspectores SST de GRU S.A.S. con licencia en seguridad y salud en el trabajo quienes son los responsables de la implementación del SG- SST.

Se cuenta con el responsable del SG-SST de GRU SAS, que da las directrices y genera el cumplimiento establecido en el SG-SST con el fin de promover y proteger la integridad física y mental de todo el personal vinculado a la empresa; así mismo, se cuenta con personal de la ARL Colmena disponible de acuerdo con la coordinación de actividades de promoción y prevención de riesgos requeridas para en el contrato.

Igualmente, se cuenta con la participación de la alta Dirección y los responsables de rendición de cuentas en SST de acuerdo con lo estipulado en el SG-SST de Gestión Rural y Urbana S.A.S., que para este caso son los cargos de Director de Obra y Residente de Obra.

- **Recursos físicos**

El área destinada para administración del Sistema de Gestión cuenta con la dotación de oficina, (Teléfonos, impresoras, escritorios, sillas, archivos equipos de cómputo necesarios).

- **Recursos técnicos**

Los requeridos de acuerdo con las actividades, los cuales la empresa gestionará con la ARL Colmena, en caso de que éstos sean necesarios.

- **Recursos financieros**

Los necesarios para la implementación y realización de las actividades que involucra este SG-SST en la obra. En éstos se involucra los costos necesarios para:

- Compra de elementos de protección personal acorde a las actividades a ejecutar y elementos de protección contra caídas.
- Compra de elementos de señalización y demarcación.
- Compra de elementos de atención de emergencias.
- Pago de responsable de SST para la obra.
- Compra de materiales necesarios para elaboración y distribución de herramientas escritas de sensibilización y capacitación al personal.

4. APLICACIÓN SG-SST

Para la implementación de los programas de gestión de los peligros y riesgos GESTION RURAL Y URBANA S.A.S adopta los métodos para la identificación, prevención, evaluación, valoración y control de los peligros y riesgos con los siguientes parámetros.

Se establecerán medidas de intervención con el siguiente esquema de jerarquización:

- Eliminación del peligro/riesgo: Rediseño de procesos o equipos para eliminar o reducir los riesgos.
- Sustitución: Sustituir una materia prima por una menos peligrosa o también, sustituir un proceso de alto riesgo por uno de menor riesgo.
- Controles de Ingeniería: Adopción de medidas técnicas para el control del peligro/riesgo en su origen o fuente, como la implementación de sistemas de ventilación o encerramiento de equipos. Igualmente, incluye los controles para reducir la energía (reducir la fuerza, la presión, la temperatura entre otros) de los sistemas de producción, cuyo fin esté asociado con el control de los riesgos en SST.
- Controles Administrativos: Implementación de sistemas de señalización, advertencia, demarcación de zonas de riesgo o zonas de circulación y almacenamiento, implementación de sistemas de advertencia y alarma, diseño e implementación de procedimientos de seguridad para ciertos procesos o actividades de riesgo, controles de acceso a zonas de riesgo, inspecciones de seguridad, listas de chequeo, permisos de trabajo entre otros.
- Equipos de Protección Personal: Cuando ciertos peligros/riesgos no se puedan controlar en su totalidad con las medidas anteriores, el empleador suministra a sus trabajadores la dotación pertinente de acuerdo con sus actividades.

El residente SST, el residente técnico de obra, trabajadores de obra y subcontratistas, corregirán las condiciones inseguras que se presenten en el lugar de trabajo, de acuerdo con las condiciones específicas y riesgos asociados a la tarea.

4.1. Procedimiento trabajo de alto riesgo

De acuerdo con la identificación de peligros, evaluación y valoración de riesgos, los trabajos de alto riesgo son los siguientes:

- Trabajo en alturas.
- Trabajos en caliente - soldadura.
- Riesgo eléctrico.

Anexo 8. Procedimientos para trabajo de alto Riesgo.

4.2. Proceso (Maquinarias, Equipos, Sistemas) Materiales e Insumos

A continuación, se describen los principales herramientas y recursos a utilizar en temas SST para las actividades o etapas constructivas descritas en el numeral 2.6.3 de este documento:

Maquinaria y Equipos

- Pulidoras
- Equipos soldador
- Herramientas menores Manuales (pala, carreta, pica, cincel entre otros)
- Volquetas, para la disposición final de escombros y material de arrastre
- Mezcladora de concreto.
- Vibrador.
- Andamios
- Taladros
- Compresor.
- Rana.
- Cortadora de baldosa
- Escaleras
- Soplete – cilindro de gas.
- Andamios.
- Otras de acuerdo a necesidad de las actividades a ejecutar.

Para el área administrativa:

- Computadoras personales de oficina y portátiles, impresoras y equipos de oficina, equipos de comunicación (celulares, servicio de internet).

4.3. Evaluaciones Medicas Ocupacionales o Exámenes Ocupacionales.

Se realizarán los exámenes medico ocupacionales de preingreso y de retiro a través de la IPS que el subcontratista use y que cuenten con licencia en salud ocupacional.

Los exámenes médicos ocupacionales periódicos se realizarán de acuerdo con la periodicidad establecida en el SG-SST de GRU S.A.S, que es anual. Para este contrato se realizarán a las personas que de acuerdo con esa periodicidad apliquen.

GESTION RURAL Y URBANA S.A.S desarrollará acciones de vigilancia de la salud de los trabajadores mediante las evaluaciones médicas de ingreso y de retiro y los programas de vigilancia epidemiológica, con el propósito de identificar precozmente efectos hacia la salud derivados de los ambientes de trabajo y evaluar la eficacia de las medidas de prevención y control.

Se realizarán los exámenes ocupacionales, de acuerdo a lo indicado en el profesiograma de la empresa.

Con el diagnostico de condiciones y el resultado de los exámenes ocupacionales se va a realizar una línea base con el fin de determinar qué actividades se van a desarrollar derivadas de ellos.

Anexo 9. Procedimiento Exámenes médicos Ocupacionales.

4.4. Plan de emergencia y contingencias (Prevención, Preparación y Respuesta ante emergencias)

GESTION RURAL Y URBANA S.A.S cuenta con Plan de emergencia para su empresa, con cobertura a todos los trabajadores, independiente de su forma de contratación o vinculación, incluidos contratistas y subcontratistas, así como proveedores y visitantes, se crearán las brigadas de emergencias y se capacitarán para que estén preparados para poder ser primeros respondientes en caso de una eventual emergencia.

Para su efecto y para el objeto de este contrato, se determinará la necesidad de señalización y rutas de evacuación temporales y a su vez se acogerá a los planes de prevención, preparación y respuestas ante emergencias de las instalaciones de la Policía Nacional, donde se realicen las obras.
Todo evento o situación de emergencia que pueda presentarse requiere de unos procedimientos de manejo y control que se salen de los normalmente establecidos. Estos procedimientos requerirán, además de la utilización de unos recursos internos y externos, la disponibilidad de herramientas y métodos que posibiliten no solo respuestas

oportunas y eficaces, sino también una recuperación operacional en el menor tiempo posible.

Para toda emergencia, una vez presentada, es necesaria una respuesta oportuna utilizando los recursos humanos y técnicos en forma suficiente y adecuada al tamaño de la organización, con el fin de minimizar los daños, pérdidas, lesiones o muertes, asegurando así la sobrevivencia del personal.

La base de la respuesta a una emergencia se establece a través de una herramienta institucional de planificación, que permita diseñar de una manera uniforme y racional, una estructura de respuesta a los siniestros en forma de “Plan de respuesta a emergencias”.

Por esto, la planeación y programación para poder responder a las situaciones de emergencia que se generen, se basará en la probabilidad de que estos eventos puedan presentarse y la potencialidad de sus consecuencias. La posibilidad de éxito del manejo y control de la emergencia, dependerá principalmente de que éstos sean adecuados a la magnitud del evento.

Este plan de emergencias presenta los procedimientos de acción en caso en que se presente cualquier eventualidad que pueda poner en riesgo las personas vinculadas a la obra.

Se aclara que se presentan lineamientos generales del plan de emergencias; sin embargo y teniendo en cuenta que las obras se ejecutarán al interior de la Entidad, se presenta el plan de evacuación y el personal se deberá acoger al plan de emergencias establecido en las instalaciones de la Entidad en cada frente de obra.

OBJETIVOS:

Objetivo General:

Establecer un plan específico a cumplir por parte del personal del contrato, para enfrentar cualquier evento que genere emergencia en la obra.

Objetivos Específicos:

- Preparar y concientizar al personal sobre la importancia que representa el estar preparados para actuar en caso de emergencia.

- Establecer rutas y procedimientos de evacuación que permitan el desplazamiento a un sitio establecido previamente como seguro de los empleados y/o visitantes.

ALCANCE Y COBERTURA:

El Plan de evacuación permite aplicar procedimientos sencillos, que con entrenamiento periódico propician un grado alto de seguridad durante el suceso de una emergencia en la obra, ya que los parámetros aquí expuestos serán de conocimiento de todo el personal vinculado al contrato.

Recurso Técnico:

Se tiene la disponibilidad, para la ejecución de actividades relacionadas con el Plan de Emergencias, los implementos relacionados a continuación para el buen funcionamiento del mismo:

Sistema de Alarma: Será necesario que el personal se acoja al sistema de alarma de la Entidad.

Punto de Encuentro: Está pendiente por definir y se identificará con el personal en el momento de inicio de las actividades en obra, o se acogerá el que tenga la entidad.

Apoyo para control de incendios: Se contará en la obra con un extintor como apoyo para el control de conatos de incendio que se puedan presentar en la obra.

Apoyo para Primeros Auxilios: Se tendrá en obra un botiquín móvil y una camilla para atender eventos a nivel de primeros auxilios, los cuales estarán a cargo de los brigadistas.

Rutas de evacuación: Se señalizará en obra las respectivas rutas de evacuación, que indiquen a los trabajadores las zonas definidas y seguras para evacuar o se seguirá la señalización que se tenga en cada instalación de la Policía a intervenir.

Comunicaciones: Se publicará en lugar visible los teléfonos de apoyo de entidades externas. De otro lado, el profesional SST deberá contar con el listado de personal y los datos básicos dentro de los cuales debe estar el nombre de un familiar y teléfono para dar aviso en caso de una emergencia.

Requisitos para lograr la efectividad del plan de emergencias:

Para que este plan pueda cumplir con sus objetivos, se tendrá en cuenta:

- Se difundirá para que sea conocido por todos los trabajadores y visitantes ocasionales.
- Se deben realizar prácticas periódicas que permitan corregir los posibles errores y ayuden a mecanizar los procedimientos y descubrir nuevas estrategias.
- Todo el personal debe apoyar el plan comprometiéndose en su cumplimiento.
- Debe existir un brigadista de evacuación, con su suplente.

- Determinación de rutas de evacuación.
- Socialización de procedimientos a seguir en caso que se presenten eventos como: sismo, incendios, atentados, robos o atracos. Igualmente socializar el procedimiento para evacuar en caso que así se requiera.

Organización y conformación de la brigada:

Se conformará la Brigada de acuerdo al número de trabajadores que se tengan en obra y deberá funcionar desarrollando las siguientes actividades:

- Evacuación.
- Primeros Auxilios.
- Control de Incendios.

En situaciones de emergencia, los brigadistas deberán realizar acciones de acuerdo a las necesidades, por eso se estima que todos los brigadistas deben estar en la capacidad de responder a cualquier situación capacitados en Incendios, primeros Auxilios y evacuación, quienes poseen un conocimiento más específico en cada área en caso de actuar ante una emergencia.

Se organizará la brigada de emergencias con el personal vinculado al contrato, la cual recibirá la capacitación necesaria para poder dar respuesta ante una eventualidad.

Funciones de la brigada:

Brigada de emergencia:

Encargada de identificar la emergencia, prestar los servicios de primeros auxilios, control de conatos de incendios, coordinar la evacuación de las instalaciones si es necesario e inspección de las condiciones del lugar, esto teniendo en cuenta la clase y magnitud del evento que se presente.

Coordinador de la brigada de emergencia:

Es la máxima autoridad para preparar y llevar a cabo el evento, sus funciones son:

- Identificar en qué lugar exacto se presentó la emergencia, para lo cual se comunicará con el brigadista de comunicaciones.
- Dirigirse al sitio para evaluar la situación y coordinar con quien controla el fluido eléctrico y la necesidad de evacuar.
- Coordinar actividades con los brigadistas de comunicaciones, evacuación, primeros auxilios e incendios.
- Dar la orden de llamar a los organismos de socorro.

- Coordinar las actividades de los brigadistas.
- Determinar que la emergencia no corresponda a una falsa alarma.
- Autorizar el ingreso de personal de apoyo.
- Dar si es posible, la orden de reingreso a las instalaciones.

Brigadista de evacuación:

- Velar por el traslado del personal desde el sitio de peligro hasta el punto de encuentro considerado como seguro.
- Verificar que no quede ninguna persona en el sitio evacuado y observar condiciones generales de la estructura.
- Una vez en el sitio de reunión, realizar un conteo y reportarse al Coordinador de emergencias.
- Permanecer en el sitio seguro esperando nuevas instrucciones.
- Informar al Coordinador de Brigada sobre el número de personas que evacuaron, número de personas lesionadas.
- La persona que se encuentre atendiendo un visitante, se convertirá en su coordinador de evacuación y velará por su seguridad hasta llegar al punto de encuentro.

Brigadista de primeros auxilios:

- Encargado de brindar la primera atención médica al personal lesionado.
- Verificar condiciones locativas para prestar los primeros auxilios.
- Tener disponible el equipo de primeros auxilios y ubicado en los lugares estratégicos previamente elegidos.
- Estabilizar al personal afectado pos- trauma y prepararlo para el transporte.
- Brindar información al personal de apoyo externo sobre el estado de las víctimas y sus condiciones.
- Adoptar las medidas correctivas necesarias para mejorar la capacidad de respuesta, teniendo como base la evaluación realizada

Brigadista de incendios:

- Capacitarse en control manejo y combate de fuego.
- Inspeccionar las instalaciones eléctricas para determinar el desgaste de las mismas.
- Realizar inspección a los equipos de protección contra incendios.
- Establecer los planes de ayuda mutua con las empresas vecinas.
- Identificar la ubicación de los hidrantes más cercanos.

- Realizar práctica en el uso de los extintores cada vez que estos estén próximos a vencerse.

Brigadista de comunicaciones:

- Llevar el listado actualizado del personal que pertenece a la empresa, indicando información consignada en el respectivo formato establecido.
- Dar aviso a los diferentes cuerpos de socorro y coordinar la comunicación con los mismos, cuando sea autorizado por el Coordinador de la Brigada.
- Informar el sitio a donde son trasladadas las personas lesionadas en caso de una eventual emergencia.

Procedimiento de reporte en caso de accidentes de trabajo

La prevención de accidentes de trabajo y enfermedad laboral (ATEL) estará basada en la implementación de los controles definidos en la identificación de peligros, evaluación y valoración de los riesgos que se presenta con este SG-SST.

La atención y manejo del personal directo, que resulte lesionado por causa del trabajo será cubierta por la ARL COLMENA SEGUROS, siguiendo el procedimiento que se menciona a continuación, establecido por GESTIÓN RURAL Y URBANA S.A.S:

- El trabajador lesionado deberá informar de manera inmediata al Residente SST sobre la ocurrencia del evento.
- El Residente SST se comunicará con la línea efectiva de la ARL Colmena al número (601) 4010447 para dar aviso telefónico del evento y de manera paralela deberá informar telefónicamente a Desarrollo Organizacional de Gestión Rural y Urbana S.A.S. para realizar el correspondiente reporte del AT (FURAT) a través de internet. **El aviso del AT se debe realizar inmediatamente sucede** para evitar inconvenientes de atención médica al trabajador.
- El Residente SST deberá seguir las instrucciones que le indique la ARL vía telefónica, en lo relacionado con la atención médica del trabajador. De ser necesario, se deberá acompañar al lesionado al centro de atención que indique la ARL, o ubicar un familiar del trabajador que se encargue del acompañamiento necesario.
- Posteriormente, se realizará la correspondiente investigación del AT, para lo cual la empresa utilizará el formato establecido. Esta investigación estará a cargo del responsable de seguridad y salud en el trabajo, jefe inmediato, testigos e integrantes del COPASST para determinar las causas (básicas e inmediatas) que generaron el AT.

- Se determinarán e implementarán las medidas de control o intervención de acuerdo con la investigación, teniendo en cuenta fechas y responsables para realizar seguimiento y así evitar que se vuelva a presentar el evento.

Para el personal vinculado a través de contratistas, se realizará el seguimiento respectivo al reporte del AT ante la ARL correspondiente, investigación del mismo y toma de acciones respectivas.

Listado teléfonos emergencia grupos de apoyo externos

A continuación, se presentan los números telefónicos de los grupos de apoyo externos cercanos, en caso de presentarse una eventual emergencia o que se requiera algún tipo de información, los cuales estarán publicados en un lugar visible en la obra:

Tabla N° 3. *Listado teléfonos de emergencia – Grupos de apoyo externo*

ORGANISMO	DIRECCION	TELEFONO
Línea efectiva ARL Colmena (Reporte accidentes de trabajo)	N/A	(601) 4010447 Bogotá
Línea de emergencias a nivel nacional	N/A	123
Empresa Social Del Estado Hospital La Divina Misericordia (Magangué)	Avenida Colombia Nº13-146	**(**605) 654 9995 / (605) 688 4101
Clínica de los Rios (Magangué)	Cra 11B #16-86, Magangué	(605) 6889730
Clínica La Candelaria (Magangué)	Av. Colombia # 7-53	(605) 6875529
Bomberos Magangué	Sin inf.	302 2851098
Policía Magangué	Calle. 18 N° 16 – 100, Barrio La Esmeralda 1	3143616226
E.S.E. Hospital Nuestra Señora Del Carmen (Carmen de Bolívar)	CA 50 # 46B-37	(605) 8372556
CENTRO DE SALUD GIOVANNI CRISTINI (Carmen de Bolívar)	Calle 28 Carrera 39 Esquina - Barrio los Mangos	3014483869
Bomberos Carmen de Bolívar	Sin inf.	312 629 7103
Defensa Civil	Sin inf.	301 434 8656 y 311 623 4922
Policía Carmen de Bolívar	Entrada Principal, Carmen de Bolívar	3104454109

Anexo 10. Procedimientos operativos normalizados (PONS)

4.5. Elementos de Protección Personal – EPP

Para la realización de las actividades establecidas para el contrato se entregará a los trabajadores los siguientes EPP:

Casco de seguridad, gafas de seguridad, protección respiratoria, guantes, protección auditiva de inserción o copa, overol de dos piezas, botas de seguridad y/o caucho con puntera de acero según la necesidad.

Para realizar el trabajo en alturas, se utilizarán los elementos de protección contra caídas como:

Casco con barbuquejo, gafas de seguridad, arnés de cuerpo entero de cuatro argollas, eslinga de posicionamiento y una línea de vida o un punto de anclaje seguro que garantice la seguridad del trabajador, según la tarea a realizar.

Se realizará la entrega y reposición de EPP cuando se evidencie su deterioro, siguiendo el procedimiento:

- De acuerdo con la identificación de peligros y la matriz de EPP, se realizará la entrega inicial de EPP y EPC a cada trabajador dejando el registro respectivo de entrega.
- Se dará instrucción a los trabajadores sobre el adecuado uso, almacenamiento e higiene de los EPP y EPC, dejando el registro respectivo.
- De acuerdo con el seguimiento realizado a través de las inspecciones de EPP y EPC, se verificará la necesidad de realizar reposición de los elementos que así lo ameriten.
- Se realizará reposición de los mismos registrando la entrega en el formato establecido, siendo necesario que el trabajador entregue los EPP deteriorados para evitar su uso prolongado en obra.

GESTION RURAL Y URBANA S.A.S se compromete a suministrar los equipos y elementos de protección personal (EPP) para el correcto desarrollo de sus actividades e implementar las acciones necesarias para que sean utilizados y almacenados por los trabajadores de la forma correcta.

Anexo 11. Matriz EPP y formato de entrega y reposición de EPP.

4.6. Inspección de seguridad

Se realizarán inspecciones de seguridad de acuerdo con el programa de inspecciones de GRU S.A.S., así:

- Inspección general de obra: Mensual
- Inspección de orden y aseo: Mensual.
- Inspección EPP y EPCC: Antes de cada uso y documentada 1 vez al mes.
- Inspección herramienta manual: Antes de cada uso y documentada 1 vez al mes.
- Inspección preoperacional de herramientas y equipos que se utilicen en obra.
- Inspección andamios: Con el armado y antes del ascenso del trabajador.
- Inspección escalera de mano: Antes de su uso, documentada una al mes.
- Inspección extintor, camilla y botiquín: Una vez al mes.

Anexo 12. Formatos de inspecciones.

4.7. Medidas de control para ingreso de personal, vehículos y maquinaria

Para el ingreso de personal, vehículos y maquinaria al proyecto, se deberá presentar la siguiente documentación al responsable del área SST en obra:

a. Ingreso de personal, conductores y operadores de equipos:

- Afiliaciones a seguridad social ARL (Riesgo V), EPS, AFP no mayor a un mes o planilla de pago de seguridad social del mes de ingreso.
- Cédula de ciudadanía legible.
- Examen médico de ingreso no mayor a un año.
- Examen médico de ingreso con énfasis en alturas para el personal que va a realizar trabajos a 2 m. o más.
- Curso de trabajador autorizado en alturas (Para personal que realizará tareas a 2 m. o más.
- Licencia de conducción vigente y acorde al vehículo a conducir (Para conductores)
- Certificado de idoneidad (Para operadores de maquinaria y/o equipos).
- Formación como operador de izaje (Para operadores de izaje).

b. Ingreso de vehículos:

- SOAT
- Revisión técnico mecánica y de gases.
- Tarjeta de propiedad del vehículo.

c. Maquinaria y/o equipos:

- Documentos de importación.
- Registro del último mantenimiento realizado a la máquina o equipo.
- Ficha técnica.
- Tarjeta de propiedad.

Dentro de las medidas de seguridad establecidas en el uso y manipulación de herramienta y equipos se contemplan:

- Verificación documentación del personal.
- Realizar inspección periódica de equipos o pre operacionales: el objeto es verificar el estado actual, ubicación y estado de guardas, etc y necesidades de mantenimiento o reparación.
- Verificación de último mantenimiento realizado.
- Verificación de documentación de la maquinaria.
- Entrega de Elementos de protección personal y verificación de uso.
- Realizar capacitación en uso de EPP.
- Realizar capacitación en manejo seguro de herramienta manual, mecanizada y equipos, divulgando normas de seguridad aplicables para la operación.
- Identificación de actividades y actos inseguros.
- Señalización del área donde se realice la operación (tareas críticas).
- Inducciones al personal de la empresa y subcontratistas.

4.8. Permiso Para trabajo seguro

En la obra se realizarán actividades de trabajo en alturas, soldadura y riesgo eléctrico, para lo cual se deberá diligenciar el permiso correspondiente. Este permiso deberá ser diligenciado por el Residente SST en conjunto con el trabajador que realizará la labor, evaluando los riesgos que se puedan presentar y las medidas de prevención a tener en cuenta; permitirá determinar la existencia y estado de elementos de protección personal y de elementos de protección contra caídas y las condiciones del entorno y del trabajador para realizar la labor.

Así mismo, para tareas críticas se deberá diligenciar el Análisis de Trabajo Seguro que permitirá identificar los riesgos y mecanismos de control de estos para evitar lesiones al personal durante su realización.

Anexo 13. Formatos de permiso de trabajo y ATS

4.9. Señalización

GESTION RURAL Y URBANA S.A.S, realiza una adecuada planificación y demarcación de áreas en todas las áreas, obras y proyectos de la empresa, incluyendo puestos de trabajo, áreas de almacenamiento, circulación, ubicación de máquinas y equipo contra incendio; junto con un programa para su mantenimiento. Se determinan normativos para que la demarcación sea respetada y esta responsabilidad está a cargo del Profesional SST y Residentes de obra.

Señalización frentes de obra y sitios temporales:

- Buen estado de la señalización que se encuentra instalada.
- Señalización vial en la zona, cuando se requiera.
- Se debe encontrar demarcadas las zonas de riesgos con cinta de peligro.
- Se debe tener señalización ambiental.
- Utilizar señales informativas en cuanto al uso de los elementos de protección personal y según sea la necesidad para prohibir, informar o prever un riesgo o un aspecto ambiental.
- Mantenimiento de la señalización y demarcación: Limpieza, reparación y/o sustitución y supervisión de su aplicación.

4.10. Programa de saneamiento básico industrial

Para los servicios sanitarios de uso de los trabajadores, se utilizarán las baterías sanitarias de las 2 instalaciones donde se ejecutarán las obras.

4.11. Programa de orden y aseo

Se implementará el programa de orden y aseo de las 5”s”, con los siguientes objetivos:

- Mejorar el ambiente de trabajo, con la eliminación de espacios que generen desorden, falta de aseo, fugas, contaminación, etc.
- Incentivar al personal con el cuidado del sitio de trabajo e incremento de la motivación laboral.
- Facilitar las condiciones para aumentar la vida útil de los equipos y elementos de trabajo.
- Realizar un correcto almacenamiento y disposición de materiales y desperdicios incluye el control de escapes, derrames o goteras.
- Reducir o mantener los bajos índices de accidentalidad.

Como medio de verificación y evidencia se evaluará a través de las listas de inspección, que se implementarán 1 vez al mes.

De acuerdo con los hallazgos encontrados en las inspecciones, se tomarán las acciones correctivas, preventivas o de mejora a que haya lugar, minimizando los riesgos de accidentalidad y reforzando en los trabajadores la cultura del programa.

4.12. Manejo de campamentos, materiales almacenados y sustancias químicas

Se utilizará un área dentro de las instalaciones a intervenir, autorizada por la Entidad para el almacenamiento de algunos materiales que se requieran en cada frente de obra.

Igualmente, se dispondrá de un espacio para que los trabajadores se cambien y guarden sus pertenencias.

Los materiales para almacenar en obra son: Arena, gravilla, cemento, estructura metálica, tubería sanitaria en PVC, tubería presión PVC, tubería eléctrica en PVC y emt, cables eléctricos, accesorios eléctricos, tejas metálicas, accesorios en acero inoxidable, vidrios, espejos, aparatos sanitarios y estructura para cielo rasos.

La disposición de los materiales en los sitios de almacenamiento se realizará de tal manera que no se vaya a generar accidentes de trabajo por apilamiento inadecuado y/o por riesgo químico.

El manejo de las sustancias químicas a utilizar se realizará teniendo en cuenta las directrices dadas en las hojas de seguridad de los materiales a utilizar y/o a almacenar.

Se realizarán cerramientos exclusivamente en el frente de obra de Carmen de Bolívar con polisombra h:2:00 mts, por separación de las instalaciones en comodato.

4.13. Gestión del cambio

GESTION RURAL Y URBANA S.A.S implementa un procedimiento para evaluar el impacto sobre la seguridad y salud en el trabajo que puedan generar los cambios internos (introducción de nuevos procesos, cambio en los métodos de trabajo, cambios en instalaciones, entre otros) o los cambios externos (cambios en la legislación, evolución del conocimiento en seguridad y salud en el trabajo, entre otros).

Para ello se realizará la identificación de peligros y la evaluación de riesgos que puedan derivarse de estos cambios y se adoptarán las medidas de prevención y control antes de su implementación, con el apoyo del Comité Paritario de Seguridad y Salud en el Trabajo. De la misma manera, se actualizará el plan de trabajo en seguridad y salud.

En el caso que se presenten cambios internos, el residente SST, debe informar y capacitar a los trabajadores relacionados con estas modificaciones.

Anexo 14. Procedimiento y gestión del cambio y Formato.

4.14. Contratación

Para GESTION RURAL Y URBANA S.A.S es importante que los trabajadores que estén vinculados con el proyecto garanticen el cumplimiento de las normas de seguridad y salud en el trabajo, por parte de los proveedores, trabajadores dependientes, contratistas y sus trabajadores o subcontratistas, durante el desempeño de las actividades objeto del contrato.

Para este propósito, en GESTION RURAL Y URBANA S.A.S se tienen en cuenta los siguientes aspectos:

- Se tienen incluidos los aspectos de seguridad y salud en el trabajo en la selección y evaluación de proveedores y contratistas.
- Se dispone de canales de comunicación para la gestión de seguridad y salud en el trabajo con los proveedores, trabajadores en misión, contratistas y sus trabajadores o subcontratistas a través del correo electrónico gru.magangue.carmen.2024@gmail.com
- Se verifica antes del inicio del trabajo y periódicamente, el cumplimiento de la obligación de afiliación al Sistema General de Riesgos Laborales, considerando la rotación del personal por parte de los proveedores contratistas y subcontratistas, de conformidad con la normatividad vigente.
- Se informa a los proveedores y contratistas al igual que a los trabajadores de este último, previo al inicio del contrato, los peligros y riesgos generales y específicos de su zona de trabajo incluidas las actividades o tareas de alto riesgo, rutinarias y no rutinarias, así como la forma de controlarlos y las medidas de prevención y atención de emergencias.
- Se instruye a los proveedores, trabajadores cooperados, trabajadores en misión, contratistas y sus trabajadores o subcontratistas, sobre el deber de informarle, acerca de los presuntos accidentes de trabajo y enfermedades laborales ocurridos durante el periodo de vigencia del contrato para que el empleador o contratante ejerza las acciones de prevención y control que estén bajo su responsabilidad.
- Se verifica periódicamente y durante el desarrollo de las actividades objeto del contrato, el cumplimiento de la normatividad en seguridad y salud el trabajo por parte de los proveedores, contratistas y sus trabajadores o subcontratistas.

Para información de los contratistas de GESTION RURAL Y URBANA S.A.S, se tiene establecido un Manual de SST para contratistas y proveedores, el cual aplica también para este contrato.

4.15. Procedimiento de Inducción de personal

Cuando un trabajador ingresa a laborar en GESTION RURAL Y URBANA S.A.S recibe una inducción completa al cargo, incluyendo los siguientes temas relacionados con SST:

- Aspectos generales de la empresa.
- Aspectos generales y legales en Seguridad y salud en el trabajo.
- Política de SST.
- Política de prevención y control de consumo de alcohol, tabaco y drogas.
- Reglamento de higiene y seguridad industrial.
- Funcionamiento del Comité Paritario de SST y/o Vigía SST.
- Funcionamiento del comité de convivencia laboral.
- Plan de emergencias.
- Notificación de riesgos asociados a la labor a desempeñar y sus controles.
- Procedimientos seguros para el desarrollo de la tarea.
- Responsabilidades generales en SST.
- Normas de seguridad y salud en el trabajo de acuerdo con la actividad a realizar.
- Sistema General de Seguridad Social.

Anexo 15. programa de inducción, capacitación y entrenamiento.

5. AUDITORIA Y REVISIÓN POR LA ALTA DIRECCIÓN DEL SG-SST

Se contempla realizar una auditoría interna al sistema de gestión de SST por parte del Coordinador SST de la empresa en donde se verificará el cumplimiento de éste y los requerimientos realizados por las entidades de control como son: Supervisor, entre otras.

La auditoría al Sistema de Gestión de Seguridad y Salud en el trabajo SG-SST de este contrato se incluirá dentro del plan de auditorías general del SG-SST de la empresa GESTION RURAL Y URBANA S.A.S, el cual se realizará una vez al año con la participación del personal que haga parte del Comité Paritario de Seguridad y Salud en el Trabajo.

Igualmente, se presentarán los resultados de la implementación del SG-SST de este contrato en la revisión por la alta dirección de GESTION RURAL Y URBANA S.A.S. que se realiza anualmente en diciembre, la cual debe permitir evaluar la estructura y el proceso del Sistema de Gestión de Seguridad y Salud en el Trabajo. Los resultados de la revisión de la alta gerencia serán documentados y divulgados a los integrantes del Comité Paritario de Seguridad y Salud en el Trabajo COPASST, para que se tomen las medidas preventivas y correctivas y de mejora a que haya lugar.

5.1. Reportes e investigación de incidentes, accidentes de trabajo y enfermedades laborales.

Se realizarán los reportes de accidentes de trabajo que ocurran, con la respectiva investigación acorde con la resolución 1401 de 2007 o a la que aplique, los cuales se entregarán en los informes mensuales.

En caso de que ocurra un AT, se seguirá el respectivo procedimiento indicado en el numeral 4.4. de este documento.

Se dará aviso telefónico inmediato a la ARL COLMENA a la línea (601) 4010447 sobre los accidentes de trabajo que se lleguen a presentar a los trabajadores directos, igualmente se realizará el reporte correspondiente dentro de las siguientes 48 horas de la ocurrencia de los eventos por la página web www.colmenaseguros.com para legalizar el accidente de trabajo o reportar los accidentes en la ARL correspondiente de los Subcontratistas.

Se realizará la investigación y análisis de las causas de los mismos, con el fin de aplicar las medidas correctivas necesarias al interior de la empresa y así evitar su nueva ocurrencia.

La investigación de las causas de los incidentes, accidentes de trabajo y enfermedades laborales, se adelantará acorde con lo establecido en la Resolución número 1401 de 2007 expedida por el entonces Ministerio de la Protección Social, hoy Ministerio del Trabajo, y las disposiciones que los modifiquen, adicionen o sustituyan. El resultado de esta investigación permitirá entre otras, las siguientes acciones:

- Identificar y documentar las deficiencias del Sistema de Gestión de la Seguridad y Salud en el Trabajo (SG-SST), lo cual debe ser el soporte para la implementación de las acciones preventivas, correctivas y de mejora necesarias.
- Informar de sus resultados a los trabajadores directamente relacionados con sus causas o con sus controles, para que participen activamente en el desarrollo de las acciones preventivas, correctivas y de mejora.
- Informar a la alta dirección sobre el ausentismo laboral por incidentes, accidentes de trabajo y enfermedades laborales.

5.2. Estadísticas de accidentalidad

Siguiendo el formato establecido por la empresa, se elaborará, actualizará y analizará mensualmente las estadísticas de los accidentes e incidentes y enfermedades laborales

ocurridos a los trabajadores, teniendo en cuenta: los indicadores contenidos en la Resolución 0312 de 2019. Dicha información se adjuntará en los informes mensuales.

6. MEJORAMIENTO CONTINUO

Se generan los planes de mejoramiento de acuerdo con las fuentes mencionadas en el Decreto 1072 de 2015:

- Resultados de las auditorías realizadas.
- Acciones arrojadas por la investigación de incidentes, accidentes de trabajo y enfermedades laborales.
- Verificación del cumplimiento de los objetivos del SG-SST.
- Recomendaciones presentadas por los trabajadores y el COPASST.
- Decisiones adoptadas en revisión por la alta dirección.
- Recomendaciones de ARL.
- Cambios en la normatividad de riesgos laborales.

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Representante Legal

7. ANEXOS

Anexo 1. Políticas del SG-SST GRU SAS
Anexo 2. Reglamento de Higiene y seguridad Industrial.
Anexo 3. Ultima autoevaluación radicada ante el ministerio de trabajo.
Anexo 4. Matriz de Identificación de peligros, evaluación y valoración de Riesgos.
Anexo 5. Formato de Notificación de Riesgos
Anexo 6. Indicadores de evaluar SG-SST GRU SAS
Anexo 7. Plan de trabajo y capacitación para el contrato.
Anexo 8. Procedimientos para trabajo de alto Riesgo.

Anexo 9. Procedimiento Exámenes médicos Ocupacionales.
Anexo 10. Procedimientos operativos normalizados (PONS)
Anexo 11. Matriz EPP y formato entrega y reposición de EPP.
Anexo 12. Formatos de Inspecciones
Anexo 13. Formato de permiso de trabajo
Anexo 14. Procedimiento y gestión del cambio y Formato.
Anexo 15. programa de inducción, capacitación y entrenamiento.

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S

POLITICA PREVENCIÓN ACOSO LABORAL

La empresa **GESTION RURAL Y URBANA S.A.S**, consciente de la importancia de fomentar un ambiente laboral armónico, sano y seguro para quienes trabajan en la Organización, expresa que todos los trabajadores tienen derecho a un espacio laboral libre de discriminación, coerción y maltrato; por lo tanto promueve la vivencia de valores como el respeto, la equidad, la tolerancia y la solidaridad, así mismo, la prevención y corrección de posibles conductas de acoso laboral, acoso sexual, violencia de género, al igual, que propende por la inclusión de todos los colaboradores.

La empresa cuenta con la participación activa y responsabilidad de todos los trabajadores en la construcción de un ambiente de trabajo que favorezca la resolución de los conflictos y diferencias erradicando el acoso laboral.

Como mecanismo de prevención del acoso laboral y que facilite la conciliación se ha creado el comité de convivencia laboral, el cual en conjunto con todos los trabajadores de la empresa **GESTION RURAL Y URBANA SAS**, establecerá actividades tendientes a generar una consciencia colectiva de sana convivencia que promueva los valores vinculados al trabajo en condiciones dignas y justas; la armonía entre quienes comparten vida laboral empresarial y el buen ambiente en la empresa y proteja la intimidad, la honra, la salud mental y la libertad de las personas en el trabajo.

De otro lado, la empresa se compromete a realizar acciones para prevenir y erradicar las posibles conductas de acoso laboral y a defender el derecho de todos(as) los trabajadores(as) para ser tratados con dignidad en el trabajo.

GILDARDO CASTILLO SÁNCHEZ
Representante Legal
Versión 00
Última revisión 26/02/2024

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S.

POLITICA DE PREVENCION Y CONTROL DE CONSUMO DE ALCOHOL, TABACO Y DROGAS

Es política de GESTION RURAL Y URBANA S.A.S., mantener lugares y ambientes sanos y óptimos de trabajo, que permitan alcanzar los más altos estándares en seguridad, salud y productividad. La Empresa es consciente de que el alcoholismo, la drogadicción, el abuso de sustancias alucinógenas, enervantes y el tabaquismo por parte del personal y contratistas, afectan los ambientes de trabajo, agravan los riesgos ocupacionales, atentan contra la salud y la seguridad, constituyéndose en amenaza para la integridad física y mental para la población trabajadora en general.

Para cumplir con este propósito conforme a lo dispuesto en los artículos 56, 58 del Decreto 1295 de 1994, la Resolución Conjunta de los Ministerios de Trabajo y Seguridad Social y de Salud No. 1016 de 1989, Resolución del Ministerio de Trabajo y Seguridad Social y demás normas concordantes y/o reglamentarias, la empresa **GESTION RURAL Y URBANA S.A.S,** ha definido y establecido los siguientes aspectos a tener en cuenta:

- Está estrictamente prohibido presentarse a trabajar en estado de embriaguez o bajo los efectos de resaca o guayabo; así como bajo los efectos de drogas y/o sustancias alucinógenas y enervantes o que creen dependencia.
- Se prohíbe fumar, en el desarrollo de los trabajos, dentro de las instalaciones, centros de trabajo, obras, en la operación de vehículos y en las instalaciones de nuestros clientes. Sólo se podrá fumar en la hora destinada para el almuerzo y fuera de las instalaciones de la empresa.
- Se prohibe la posesión, consumo y venta de alcohol, cigarrillos y sustancias sicoactivas o drogas en las diferentes áreas y centros de trabajo de la empresa.
- La empresa propenderá por la activa participación en todos los niveles de GESTION RURAL Y URBANA S.A.S en la prevención del uso de alcohol y sustancias psicoactivas o drogas.
- La empresa estimulará a los colaboradores afectados por el uso del tabaco, el uso de alcohol y sustancias Psicoactivas a que participen en programas para su tratamiento.
- La Empresa se reserva el derecho de realizar en cualquier momento inspecciones y pruebas de laboratorio a su personal en las instalaciones de la Empresa.

Esta política forma parte del contrato de trabajo y es de cumplimiento obligatorio por parte de todo el personal de la Empresa y de contratistas. La violación de esta política, se considera falta grave y en consecuencia la Empresa puede adoptar medidas disciplinarias, inclusive dar por finalizado el contrato de trabajo por justa causa de acuerdo con lo establecido en el Reglamento Interno de Trabajo y la Ley, según sea el caso.

GILDARDO CASTILLO SÁNCHEZ
Representante Legal
Versión 01
Última revisión ~~04/12/2023~~

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S

POLITICA DE SEGURIDAD Y SALUD EN EL TRABAJO

GESTION RURAL Y URBANA S.A.S. proporciona servicios de ingeniería en consultoría y construcción de obras civiles, forestales y ambientales, reconociendo la importancia de su capital humano, siendo una prioridad mantener buenas condiciones de seguridad y salud en el trabajo, así como mantener al personal motivado y comprometido con la prevención de los riesgos asociados al trabajo, para lo cual ha establecido los siguientes compromisos, aplicables a todo el personal independientemente de su forma de vinculación en todos sus centros de trabajo:

- Realizar permanentemente la identificación de peligros, evaluación y valoración de los riesgos asociados a sus actividades, garantizando la administración del riesgo a través de la implementación de controles a que haya lugar.
- Con el compromiso de la Alta Dirección, propiciar la mejora continua del Sistema de Gestión de Seguridad y Salud en el Trabajo, que permita involucrar a todos los trabajadores en el cuidado de su seguridad para minimizar riesgos de accidentes de trabajo y enfermedad laboral y controlando eficazmente el cumplimiento de las normas vigentes en seguridad y salud en el trabajo de los subcontratistas y proveedores que se vinculen a los diferentes proyectos, para lo cual garantiza la disponibilidad de los recursos necesarios.
- Cumplir la normatividad vigente en materia de riesgos laborales y que son aplicables a la actividad económica que realiza.

GILDARDO CASTILLO SÁNCHEZ
Representante Legal
Versión 04
Ultima revisión 4/12/2023

REGLAMENTO DE HIGIENE Y SEGURIDAD INDUSTRIAL

INFORMACION BÁSICA DE LA EMPRESA

Razón social : **GESTIÓN RURAL Y URBANA S.A.S**
Sucursales o agencias: Si (**X**) No ( )

Ciudad	Departamento	Dirección
Bogotá	Cundinamarca	Proyectos de Obra

NOMBRE DE LA A.R.L.: COLMENA SEGUROS
Clase o tipo de Riesgo asignado por la A.R.L: I, III y V
Código de la Actividad Económica: No. 5742101

REGLAMENTO DE HIGIENE Y SEGURIDAD INDUSTRIAL

ARTICULO 1°. La empresa **GESTIÓN RURAL Y URBANA S.A.S.,** se compromete a dar cumplimiento a las disposiciones legales vigentes tendientes a garantizar los mecanismos que aseguren una adecuada y oportuna prevención de los accidentes de trabajo y enfermedades Laborales de conformidad con los artículos 34, 57, 58, 108, 205, 206, 217, 220, 221, 282, 283, 348, 349, 350 y 351 del Código Sustantivo del Trabajo, la Ley 9a. de 1979, Resolución 2400 de 1979, Decreto 614 de 1984, Resolución 2013 de 1986, Resolución 1016 de 1989, Resolución 6398 de 1991, Decreto 1295 de 1994, ley 1562 del 11 de julio de 2012, Decreto 1072 de 2015 (Capítulo 6) y demás normas que con tal fin se establezcan.

ARTICULO 2°. La empresa se obliga a promover y garantizar la constitución y funcionamiento del Comité Paritario de Seguridad y Salud en el Trabajo COPASST, de conformidad con lo establecido en el Decreto 614 de 1984, Resolución 2013 de 1986, Resolución 1016 de 1989, Decreto 1295 de 1994, ley 1562 del 11 de julio de 2012, Decreto 1443 de 2014, Decreto 1072 de 2015 (Capítulo 6).

ARTICULO 3°. La empresa se compromete a destinar los recursos necesarios para desarrollar actividades permanentes de conformidad con el Sistema de gestión de la Seguridad y Salud en el Trabajo SGSST, elaborado de acuerdo al Decreto 1072 de 2015 (Capítulo 6), el cual consiste en el desarrollo de un proceso lógico y por etapas, basado en la mejora continua y que incluye la política, la organización, la planificación, la aplicación, la evaluación, la auditoría y las acciones de mejora con el objetivo de anticipar, reconocer, evaluar y controlar los riesgos que puedan afectar la seguridad y salud en el trabajo.

ARTICULO 4°. Los riesgos existentes en la empresa, son generados por la actividad económica que realiza, tanto en el área administrativa, como a nivel de las obras de construcción, ambientales y forestales y están constituidos principalmente por:

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S.

AREA ADMINISTRATIVA:

Fecha de actualización: 03/04/2020

RIESGOS FISICOS: ❑ Inadecuada iluminación	**RIESGOS QUIMICOS**: ❑ Almacenamiento y manipulación de sustancias químicas
RIESGOS BIOLOGICOS: ❑ Manipulación de residuos orgánicos e inorgánicos que se producen en oficina. ❑ Contagio por virus pandemia COVID-19.	**RIESGOS PSICOLABORALES**: ❑ Exceso de responsabilidades ❑ Contenido de la tarea ❑ Trabajo bajo presión ❑ Monotonía y rutina ❑ Relaciones Humanas ❑ Organización del tiempo de trabajo
RIESGOS ERGONOMICOS: ❑ Manejo de cargas o posibilidad de sobre esfuerzos. ❑ Posturas prolongadas, incómodas o inadecuadas (Trabajo posición sentado) ❑ Movimientos repetitivos ❑ Trabajo con equipos de cómputo	**RIESGOS MECANICOS**: ❑ Manipulación de materiales en almacén
RIESGOS LOCATIVOS: ❑ Superficies de trabajo ❑ Sistemas de almacenamiento	**RIESGOS ELECTRICOS**: ❑ Instalaciones y redes ❑ Equipos y conexiones
RIESGOS NATURALES: ❑ Tormentas eléctricas ❑ Sismo y terremoto	**RIESGOS DE TRANSITO**: ❑ Colisiones ❑ Volcamientos ❑ Atropellamientos
OTROS RIESGOS DE SEGURIDAD: ❑ Incendio y/o explosión ❑ Riesgo público: Atraco, robo, delincuencia común, asonada.	

ÁREA OPERATIVA:

Fecha de actualización: 03/04/2020

RIESGOS FISICOS: ❑ Ruido ❑ Radiaciones no Ionizantes ❑ Vibraciones cuerpo entero ❑ Vibraciones en mano y brazo ❑ Iluminación ❑ Temperaturas	**RIESGOS QUIMICOS**: ❑ Polvos Inorgánicos ❑ Polvos Orgánicos ❑ Humos metálicos ❑ Almacenamiento y manipulación de sustancias químicas
RIESGOS BIOLOGICOS: ❑ Microorganismos: Virus, Hongos, Bacterias ❑ Macroorganismos: Animales (incluye insectos), vegetales. ❑ Contagio por virus pandemia COVID-19.	**RIESGOS PSICOLABORALES**: ❑ Exceso de responsabilidades ❑ Contenido de la tarea ❑ Trabajo bajo presión ❑ Monotonía y rutina ❑ Relaciones Humanas ❑ Organización del tiempo de trabajo

RIESGOS ERGONOMICOS: ❑ Manejo de cargas o posibilidad de sobre esfuerzos. ❑ Posturas prolongadas, incómodas o inadecuadas (Trabajo posición de pie y/o trabajo posición sentado) ❑ Movimientos repetitivos ❑ Trabajo con equipos de cómputo	**RIESGOS MECANICOS**: ❑ Manipulación herramientas manuales y mecanizadas ❑ Manipulación de materiales ❑ Mecanismos en movimiento ❑ Utilización de máquinas y Equipos propios de la actividad económica de la empresa
RIESGOS LOCATIVOS: ❑ Superficies de trabajo ❑ Trabajo en alturas ❑ Excavaciones ❑ Sistemas de almacenamiento ❑ Orden y aseo ❑ Estructuras e instalaciones	**RIESGOS ELECTRICOS**: ❑ Baja y media tensión ❑ Trabajo con soldadura ❑ Instalaciones y redes ❑ Equipos ❑ Conexiones
RIESGOS NATURALES: ❑ Tormentas eléctricas ❑ Terremotos ❑ Deslizamientos ❑ Inundaciones	**RIESGOS DE TRANSITO**: ❑ Colisiones ❑ Volcamientos ❑ Atropellamientos
OTROS RIESGOS DE SEGURIDAD: ❑ Incendio y/o explosión ❑ Riesgo público: Atraco, robo, delincuencia común, secuestro.	

PARAGRAFO: A efecto que los riesgos contemplados en el presente Artículo, no se traduzcan en accidente de trabajo o en enfermedad Laboral, la empresa ejerce su control en la fuente, en el medio transmisor o en el trabajador, de conformidad con lo estipulado en el Sistema de Gestión de la Salud y Seguridad en el Trabajo SG-SST de la empresa, el cual se da a conocer a todos los trabajadores, subcontratistas y partes interesadas.

ARTICULO 5°. La empresa y sus trabajadores darán estricto cumplimiento a las disposiciones legales, así como a las normas técnicas e internas que se adopten para lograr la implantación de las actividades de medicina preventiva del trabajo, higiene y seguridad industrial, que sean concordantes con el presente Reglamento y con el Sistema de Gestión de la Salud y Seguridad en el Trabajo SG-SST de la empresa. Teniendo en cuenta que uno de los riesgos más altos que se presentan en el desarrollo de las labores dentro de la actividad económica de la empresa, es el trabajo en alturas, se tendrá en cuenta lo contenido en las resoluciones 3673 de 2008, 736 de 2009, 1486 de 2009, 1938 de 2009 y circular 070 de 2009, Resolución 1409 de 2012 y demás normas que se establezcan.

ARTICULO 6°. La empresa ha implantado un proceso de inducción del trabajador a las actividades que debe desempeñar, capacitándolo respecto a las medidas de prevención y seguridad que exija el entorno laboral y el trabajo específico que vaya a realizar.

ARTICULO 7°. Este reglamento permanecerá exhibido en lugar visible de los locales o centros de trabajo, cuyos contenidos se dan a conocer a todos los trabajadores en el momento de su ingreso.

ARTICULO 8°. El presente reglamento tiene vigencia durante el tiempo que la empresa conserve sin cambios sustanciales, las condiciones existentes, tales como actividad económica, métodos de

producción, instalaciones locativas o cuando se dicten disposiciones gubernamentales que modifiquen las normas del Reglamento o que limiten su vigencia.

FIRMA,



Representante Legal
Fecha: 3 de abril de 2020
Versión 04

Ministerio del Trabajo

Número Radicado: **REME-SGSST - 431981 - 2023 - 1**

Nombre de la Empresa :	GESTION RURAL Y URBANA SAS		
Tipo Persona	Jurídica	Regimén Tributario :	Régimen común
Tipo Documento Empresa :	Número de Identificación Tributario	Número de Documento	830128894
Nombre Representante Legal :	GILDARDO CASTILLO SANCHEZ		
Responsable SG-SST :	SANDRA PATRICIA ABRIL SABOGAL	Correo SG-SST :	grusas@gru.com.co
Periodo Correspondiente :	2023	Número Teléfonico fijo :	6012441734
Correo Electrónico :	grusas@gru.com.co	Cantidad Trabajadores :	32

Código CIIU	Riesgo	Actividad Económica
5433001	**Riesgo V**	**TERMINACIÓN Y ACABADO DE EDIFICIOS Y OBRAS DE INGENIERÍA CIVIL, INCLUYE LA COLOCACIÓN EN EDIFICIOS Y OTROS PROYECTOS DE CONSTRUCCIÓN DE BALDOSAS Y LOSAS DE CERÁMICA, HORMIGÓN O PIEDRA TALLADA, PARQUÉ Y OTROS REVESTIMIENTOS DE MADERAPARA PISOS.**

ESTÁNDARES MÍNIMOS SGSST
TABLA DE VALORES Y CALIFICACIÓN

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.1 Responsable del Sistema de Gestión de Seguridad y Salud en el Trabajo SG - SST	0.50	Cumple totalmente	0.50
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.2 Responsabilidades en el Sistema de Gestión de Seguridad y Salud en el Trabajo SG - SST	0.50	Cumple totalmente	0.50

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.3 Asignación de recursos para el Sistema de Gestión de Seguridad y Salud en el Trabajo SG - SST	0.50	Cumple totalmente	0.50
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.4 Afiliación al Sistema General de Riesgos Laborales	0.50	Cumple totalmente	0.50
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.5 Identificación de trabajadores de alto riesgo y cotización de pensión especial	0.50	Cumple totalmente	0.50
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.6 Conformación COPASST	0.50	Cumple totalmente	0.50
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.7 Capacitación COPASST	0.50	Cumple totalmente	0.50

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Planear	1. Recursos	1.1. Recursos financieros, técnicos humanos y de otra índole requeridos para coordinar y desarrollar el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.1.8 Conformación Comité Convivencia	0.50	Cumple totalmente	0.50
Planear	1. Recursos	1.2. Capacitación en el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.2.1 Programa Capacitación Promoción y Prevención P y P	2.00	Cumple totalmente	2.00
Planear	1. Recursos	1.2. Capacitación en el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.2.2 Inducción y reinducción en Sistema de Gestión de Seguridad y Salud en el Trabajo SG - SST Actividades de Promoción y Prevención P y P	2.00	Cumple totalmente	2.00
Planear	1. Recursos	1.2. Capacitación en el Sistema de Gestión de la Seguridad y Salud en el Trabajo	1.2.3 Responsables del Sistema de Gestión de Seguridad y Salud en el Trabajo SG - SST con curso virtual de 50 horas	2.00	Cumple totalmente	2.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.1. Política de Seguridad y Salud en el Trabajo	2.1.1 Política del Sistema de Gestión de Seguridad y Salud en el Trabajo SG - SST firmada, fecha y comunicada al COPASST	1.00	Cumple totalmente	1.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.2. Objetivos del Sistema de Gestión de la Seguridad y Salud en el Trabajo SG-SST	2.2.1 Objetivos definidos, claros, medibles, cuantificables, con metas, documentados, revisados del SG - SST	1.00	Cumple totalmente	1.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.3. Evaluación inicial del SG-SST	2.3.1 Evaluación e identificación de prioridades	1.00	Cumple totalmente	1.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.4. Plan anual de trabajo	2.4.1 Plan que identifica objetivos, metas, responsabilidad, recursos con cronograma y firmado	2.00	Cumple totalmente	2.00

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.5. Conservación de la documentación	2.5.1 Archivo o retención documental del Sistema de Gestión de Seguridad y Salud en el Trabajo SG-SST	2.00	Cumple totalmente	2.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.6. Rendición de cuentas	2.6.1 Rendición sobre el desempeño	1.00	Cumple totalmente	1.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.7. Normatividad nacional vigente y aplicable en materia de seguridad y salud en el trabajo	2.7.1 Matriz legal	2.00	Cumple totalmente	2.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.8. Comunicación	2.8.1 Mecanismos de comunicación, auto reporte en Sistema de Gestión de Seguridad y Salud en el Trabajo SG-SST	1.00	Cumple totalmente	1.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.9. Adquisiciones	2.9.1 Identificación, evaluación, para adquisición de productos y servicios en Sistema de Gestión de Seguridad y Salud en el Trabajo SG-SST	1.00	Cumple totalmente	1.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.10. Contratación	2.10.1 Evaluación y selección de proveedores y contratistas	2.00	Cumple totalmente	2.00
Planear	2. Gestión integral del sistema de gestión de la seguridad y salud en el trabajo	2.11. Gestión del cambio	2.11.1 Evaluación del impacto de cambios internos y externos en el Sistema de Gestión de Seguridad y Salud en el Trabajo SG-SST	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.1 Descripción sociodemográfica – Diagnóstico de condiciones de salud	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.2 Actividades de Promoción y Prevención en Salud	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.3 Información al médico de los perfiles de cargo	1.00	Cumple totalmente	1.00

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.4 Realización de Evaluaciones Médicas Ocupacionales -Peligros- Periodicidad- Comunicación al Trabajador	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.5 Custodia de Historias Clínicas	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.6 Restricciones y recomendaciones médico/laborales	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.7 Estilos de vida y entornos saludables (controles tabaquismo, alcoholismo, farmacodependencia y otros)	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.8 Agua potable, servicios sanitarios y disposición de basuras	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.1. Condiciones de salud en el trabajo	3.1.9 Eliminación adecuada de residuos sólidos, líquidos o gaseosos	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.2. Registro, reporte e investigación de las enfermedades laborales, los incidentes y accidentes de trabajo	3.2.1 Reporte de los Accidentes de Trabajo y Enfermedad Laboral a la ARL, EPS y Dirección Territorial del Ministerio de Trabajo	2.00	Cumple totalmente	2.00
Hacer	3. Gestión de la Salud	3.2. Registro, reporte e investigación de las enfermedades laborales, los incidentes y accidentes de trabajo	3.2.2 Investigación de incidentes, accidentes y enfermedades laborales	2.00	Cumple totalmente	2.00
Hacer	3. Gestión de la Salud	3.2. Registro, reporte e investigación de las enfermedades laborales, los incidentes y accidentes de trabajo	3.2.3 Registro y análisis estadístico de accidentes y enfermedades laborales	1.00	Cumple totalmente	1.00

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Hacer	3. Gestión de la Salud	3.3. Mecanismos de vigilancia de las condiciones de salud de los trabajadores	3.3.1 Medición de la frecuencia de la accidentalidad	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.3. Mecanismos de vigilancia de las condiciones de salud de los trabajadores	3.3.2 Medición de la severidad de la accidentalidad	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.3. Mecanismos de vigilancia de las condiciones de salud de los trabajadores	3.3.3 Medición de la mortalidad por Accidentes de Trabajo	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.3. Mecanismos de vigilancia de las condiciones de salud de los trabajadores	3.3.4 Medición de la prevalencia de Enfermedad Laboral	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.3. Mecanismos de vigilancia de las condiciones de salud de los trabajadores	3.3.5 Medición de la incidencia de Enfermedad Laboral	1.00	Cumple totalmente	1.00
Hacer	3. Gestión de la Salud	3.3. Mecanismos de vigilancia de las condiciones de salud de los trabajadores	3.3.6 Medición del ausentismo por causa médica	1.00	Cumple totalmente	1.00
Hacer	4. Gestión de peligros y riesgos	4.1. Identificación de peligros, evaluación y valoración de los riesgos	4.1.1 Metodología para la identificación de peligros, evaluación y valoración de los riesgos	4.00	Cumple totalmente	4.00
Hacer	4. Gestión de peligros y riesgos	4.1. Identificación de peligros, evaluación y valoración de los riesgos	4.1.2 Identificación de peligros con participación de todos los niveles de la empresa	4.00	Cumple totalmente	4.00
Hacer	4. Gestión de peligros y riesgos	4.1. Identificación de peligros, evaluación y valoración de los riesgos	4.1.3 Identificación de sustancias catalogadas como carcinógenas o con toxicidad aguda	3.00	Cumple totalmente	3.00
Hacer	4. Gestión de peligros y riesgos	4.1. Identificación de peligros, evaluación y valoración de los riesgos	4.1.4 Realización mediciones ambientales, químicos, físicos y biológicos	4.00	Cumple totalmente	4.00

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Hacer	4. Gestión de peligros y riesgos	4.2. Medidas de prevención y control para intervenir los peligros / riesgos	4.2.1 Implementación de medidas de prevención y control de peligros/riesgos identificados	2.50	Cumple totalmente	2.50
Hacer	4. Gestión de peligros y riesgos	4.2. Medidas de prevención y control para intervenir los peligros / riesgos	4.2.2 Verificación de aplicación de medidas de prevención y control por parte de los trabajadores	2.50	Cumple totalmente	2.50
Hacer	4. Gestión de peligros y riesgos	4.2. Medidas de prevención y control para intervenir los peligros / riesgos	4.2.3 Elaboración de procedimientos, instructivos, fichas, protocolos	2.50	Cumple totalmente	2.50
Hacer	4. Gestión de peligros y riesgos	4.2. Medidas de prevención y control para intervenir los peligros / riesgos	4.2.4 Realización de inspecciones a las instalaciones, maquinaria o equipos con la participación del COPASST	2.50	Cumple totalmente	2.50
Hacer	4. Gestión de peligros y riesgos	4.2. Medidas de prevención y control para intervenir los peligros / riesgos	4.2.5 Mantenimiento periódico de instalaciones, equipos, máquinas, herramientas	2.50	No cumple	0
Hacer	4. Gestión de peligros y riesgos	4.2. Medidas de prevención y control para intervenir los peligros / riesgos	4.2.6 Entrega de Elementos de Protección Personal EPP, se verifica con contratistas y subcontratistas	2.50	Cumple totalmente	2.50
Hacer	5. Gestión de amenazas	5.1. Plan de prevención, preparación y respuesta ante emergencias	5.1.1 Se cuenta con el Plan de Prevención, Preparación y Respuesta ante emergencias	5.00	Cumple totalmente	5.00
Hacer	5. Gestión de amenazas	5.1. Plan de prevención, preparación y respuesta ante emergencias	5.1.2 Brigada de prevención conformada, capacitada y dotada	5.00	Cumple totalmente	5.00
Verificar	6. Verificación del SG - SST	6.1. Gestión y resultados del SG - SST	6.1.1 Definición de indicadores del SG-SST de acuerdo condiciones de la empresa	1.25	Cumple totalmente	1.25

CICLO	ESTÁNDAR	ESTÁNDAR	ITEM	VALOR ESTÁNDAR	PUNTAJE	CALIFICACION
Verificar	6. Verificación del SG - SST	6.1. Gestión y resultados del SG - SST	6.1.2 La empresa adelanta auditoría por lo menos una vez al año	1.25	Cumple totalmente	1.25
Verificar	6. Verificación del SG - SST	6.1. Gestión y resultados del SG - SST	6.1.3 Revisión anual por la alta dirección, resultados y alcance de la auditoría	1.25	Cumple totalmente	1.25
Verificar	6. Verificación del SG - SST	6.1. Gestión y resultados del SG - SST	6.1.4 Planificación auditorías con el COPASST	1.25	Cumple totalmente	1.25
Actuar	7. Mejoramiento	7.1. Acciones preventivas y correctivas con base en los resultados del SG - SST	7.1.1 Definición de acciones preventivas y correctivas con base en resultados del SG-SST	2.50	Cumple totalmente	2.50
Actuar	7. Mejoramiento	7.1. Acciones preventivas y correctivas con base en los resultados del SG - SST	7.1.2 Acciones de mejora conforme a revisión de la alta dirección	2.50	Cumple totalmente	2.50
Actuar	7. Mejoramiento	7.1. Acciones preventivas y correctivas con base en los resultados del SG - SST	7.1.3 Acciones de mejora con base en investigaciones de accidentes de trabajo y enfermedades laborales	2.50	Cumple totalmente	2.50
Actuar	7. Mejoramiento	7.1. Acciones preventivas y correctivas con base en los resultados del SG - SST	7.1.4 Elaboración Plan de Mejoramiento e implementación de medidas y acciones correctivas solicitadas por autoridades y ARL	2.50	Cumple totalmente	2.50
Total, Valor Estándar Valores Míminos de Calificación						97.50

Cuando se cumple con el ítem del estándar la calificación será la máxima del respectivo ítem, de lo contrario su calificación será igual a cero (0).

En los ítems de la Tabla de Valores que no aplican para las empresas de menos de cincuenta (50) trabajadores clasificados con riesgo I, II, o III, de conformidad con los Estándares Mínimos de SST vigentes, se deberá otorgar el porcentaje máximo de calificación en la columna “No Aplica” frente al ítem correspondiente.

El presente formulario es documento público. La información aquí consignada debe ser veraz. La inclusión de manifestaciones falsas estará sujeta a las sanciones contempladas en la Ley 599 de 2000, Código Penal Colombiano (artículos 287, 288, 291, 294).

Fecha y hora de generación del Reporte 2/8/2024 3:26 PM
Fecha de Diligenciamiento : 2/8/2024

MATRIZ DE IDENTIFICACIÓN DE PELIGROS, EVALUACIÓN Y VALORACIÓN DE RIESGOS

ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR

GRU SAS

F-SST-35
Fecha de actualización: 30/02/2024
Versión 00

PROCESO	ÁREA O PROCESO	RUTINARIA SI / NO	TIEMPO EXP	PELIGRO			POSIBLES EFECTOS A LA SALUD	EXPUESTOS				MÉTODOS DE CONTROL EXISTENTES			Evaluación del Riesgo						Valoración del riesgo	Medidas de Intervención					
				CLASIFICACIÓN	TIPO DE RIESGO	DESCRIPCIÓN		PLANTA (# trabajadores)	SUBCONTRATISTAS	INDEPENDIENTES	TOTAL	FUENTE	MEDIO	PERSONA	Nivel de deficiencia ND	Nivel de Exposición NE	Nivel de Probabilidad NP = (ND * NE)	Interpretación del Nivel de Probabilidad	Nivel de Consecuencia	Nivel del Riesgo NR = NP * NC	Interpretación del NR	Aceptación del Riesgo	Sustitucion	Eliminacion	Controles de Ingeniería	Controles Administrativos, Señalización, Advertencia	Elementos de Protección Personal
	PRELIMINARES DESMONTES	SI	6	4. BIOMECÁNICOS	4.3. Movimiento repetitivo y esfuerzos	4.3. Movimientos repetitivos de miembros superiores y trabajos por encima de la altura de los hombros	4.4 Agotamiento, mayor desgaste, lesiones del sistema musculoesquelético.		6		6		Capacitación higiene postural. Descansos entre la jornada		0	3		Bajo	10	0	IV	Aceptable				Capacitación higiene postural Rotación de personal Pausas durante la jornada de trabajo	
		SI	6	3. DE SEGURIDAD	3.4. Caídas y resbalones	Generación de escombros durante la actividad. Falta de orden y aseo. Inadecuada disposición y apilamiento de escombros y/o material producto de la actividad.	3.4 Traumas múltiples, lesiones del sistema musculoesquelético y de piel.		6		6		Implementación programa de orden y aseo. Determinación de zonas de disposición de escombros. Capacitación importancia orden, aseo y señalización	Uso de EPP: Botas de seguridad	2	2	4	Bajo	25	100	III	Aceptable				Implementación programa orden y aseo. Disposición adecuada de escombros. Trabajo organizado por zonas. Señalización de áreas de demolición. Realización jornadas orden y aseo continuas, de acuerdo con necesidad de la actividad.	Uso de EPP: Botas de seguridad
		SI	5	3. DE SEGURIDAD	3.3. Proyección de particulas	Manipulación de herramienta manual durante la actividad	3.3 Lesiones oculares, heridas penetrantes en la piel.		6		6		Capacitación manejo seguro de herramienta manual y uso de EPP	Uso de EPP: Gafas,	2	2	4	Bajo	25	100	III	Aceptable				Verificación e inspección del estado de la herramienta, capacitación en manejo seguro de herramienta manual, supervisión eficiente, capacitación uso de EPP.	Gafas de seguridad
	MOVIMIENTO DE TIERRAS (CERRAMIENTO)	SI	8	BIOMECANICO	ERGONOMICO	Postura Prolongada, mantenida, forzada, antigravitacional)	Fatiga, tensión, espasmos, problemas circulatorios, dolor lumbar, cervical y miembros inferiores.		4		4		Pausas durante la jornada laboral		2	3	6	Medio	10	60	III	Aceptable				Implementar un descanso durante la jornada laboral. Capacitación en higiene postural	
		SI	8		ERGONOMICO	Esfuerzos, movimientos repetitivos, posturas prolongadas e incomodas	Dolor lumbar, dolor en las manos, lesiones musculares.		4		4		Pausas durante la jornada laboral		2	3	6	Medio	10	60	III	Aceptable				Verificación del peso a manejar para definir la técnica de trabajo, capacitación manejo adecuado de cargas, implementar descansos durante la jornada rotar el personal.	
		SI	8	FISICO	VIBRACION	Maquinaria utilizada (rana)	Alteraciones vasculares o nerviosas en brazos y manos.		1		1		Capacitación en manejo del riesgo. Realizar pausas durante la jornada laboral		2	2	4	Bajo	10	40	III	Aceptable			Reemplazar los soportes de vibración antes de que se desgasten. Asegurarse de que se comprueba el equilibrio de las partes rotativas y cambiarlas si fuera necesario. Mantener las herramientas afiladas. Evitar la generación de	Verificación del mantenimiento a maquinaria y equipos utilizados implementar descansos a la mitad de las jornadas en la mañana y en la tarde rotar el personal que operará la maquina teniendo en cuenta su competencia.	
		SI	8	QUIMICO	POLVOS ORGANICOS	Por la ejecución de la actividad	Enfermedad respiratoria o pulmonar. Irritación de ojos y piel.		4		4			Utilización de protección respiratoria, ropa de trabajo adecuada (pantalón y camisa manga larga), utilización de gafas	2	3	6	Medio	10	60	III	Aceptable				Capacitación en manejo del riesgo.	Ropa de trabajo adecuada para la actividad. (camisa manga larga y pantalon). Gafas de seguridad y proteccion respiratoria.
		SI	8	CONDICIONES DE SEGURIDAD	MECANICO	Por manejo de herramienta menor	Lesiones de mano (machucones,heridas,golpes)		4		4		Capacitación en manejo seguro de herramientas. Inspección a herramienta menor		2	3	6	Medio	10	60	III	Aceptable				Verificación e inspección del estado de la herramienta, utilización de EPP, capacitación en manejo seguro de herramienta manual, supervisión eficiente.	Guantes de vaqueta, gafas de seguridad, casco y botas.
		SI	8		LOCATIVOS	Por la ejecución de la actividad, superficies de trabajo, retiro de material sobrante	Caídas del personal, accidentes de transito.		4		4		Señalización adecuada, delimitación y demarcación de rutas y senderos peatonales, mantener el orden y el aseo en la obra, inspecciones de orden y aseo		2	2	4	Bajo	25	100	III	Aceptable				Inspección de la zona para determinar medidas para implementar adecuada señalización, adecuada demarcación del área de trabajo, determinación de senderos y rutas de entrada y salida de personal (despejadas), orden y aseo en la obra, cerramiento adecuado de la obra, control de ingreso de personal y visitantes.	Botas de seguridad, casco, ropa de trabajo.
		SI	8		ACCIDENTES DE TRANSITO	Por utilización de volquetas durante la actividad de retiro de material sobrante	Lesiones de diferente magnitud a trabajadores y a terceros		4		4		Señalización adecuada, delimitación y demarcación de rutas y senderos peatonales, manejo de tráfico adecuado (disposición de paleteros, senderos y señalización)		2	2	4	Bajo	10	40	III	Aceptable				Inspección de la zona para determinar medidas para implementar adecuada señalización, adecuada demarcación del área de trabajo, determinación de senderos y rutas de entrada y salida de personal (despejadas), verificación de documentos de la volqueta a utilizar (revisión técnico mecánica, soat, tarjeta de propiedad, pase del conductor y verificación de seguridad social del conductor), adecuado manejo de tráfico (controlador y señales pare - siga).	
		SI	8	FISICO	RUIDO	Herramienta mecanizada y maquinaria utilizada (vibrocompactador, taladro, mezcladora de concreto, pulidora, cortadora de metal).	Hipoacusia (pérdida o disminución de la audición) estrés, dolor de cabeza.		5		5		Capacitación en manejo del riesgo, mantenimiento preventivo a herramienta y maquinaria	Uso de tapaoidos	2	3	6	Medio	10	60	III	Aceptable				Inspección de maquinaria, verificación de mantenimiento a maquinaria utilizada. Capacitación en manejo del riesgo	Tapa oidos de copa para operadores y de inserción para el resto del personal
		SI	8		VIBRACION	Maquinaria utilizada (vibrocompactador)	Alteraciones vasculares o nerviosas en brazos y manos.		1		1		Capacitación en manejo del riesgo. Realizar pausas durante la jornada laboral		2	2	4	Bajo	10	40	III	Aceptable			Reemplazar los soportes de vibración antes de que se desgasten. Asegurarse de que se comprueba el equilibrio de las partes rotativas y cambiarlas si fuera necesario. Mantener las herramientas afiladas. Evitar la generación de	Verificación del mantenimiento a maquinaria y equipos utilizados implementar descansos a la mitad de las jornadas en la mañana y en la tarde rotar el personal que operará la maquina teniendo en cuenta su competencia.	
		SI	8		POLVOS ORGANICOS, MATERIAL PARTICULADO	Por manipulación de materiales de construcción durante la actividad (cemento, arena, grava).	Enfermedad respiratoria o pulmonar. Irritación de ojos y piel.		4		4		Capacitación en manejo del riesgo.	Uso de protección respiratoria	2	4	8	Medio	10	80	III	Aceptable				Capacitación en manejo del riesgo.	Protección visual y respiratoria ropa de trabajo adecuada (camisa manga larga, pantalón)
		SI	4		3.6. Manejo de sustancias químicas	2.4. Manipulacion de productos químicos (combustible, anticorrosivo, esmalte, disolvente, cemento).	2.4 Lesiones pulmonares y en piel, intoxicaciones agudas y crónicas. Irritación de vias respiratorias, cefaleas		7		7		Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.	2	2	4	Bajo	10	40	III	Aceptable				Capacitación manejo del riesgo y en hojas de seguridad. Almacenamiento adecuado de sustancias químicas utilizadas. Evitar trasvase de sustancias. Verificación de etiquetado.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.

PROCESO	ÁREA O PROCESO	RUTINARIA SI / NO	TIEMPO EXP	PELIGRO			EXPUESTOS				MÉTODOS DE CONTROL EXISTENTES			Evaluación del Riesgo							Valoración del riesgo	Medidas de Intervención					
				CLASIFICACIÓN	TIPO DE RIESGO	DESCRIPCIÓN	POSIBLES EFECTOS A LA SALUD	PLANTA (co-ejecutados)	SUBCONTRATISTAS	INDEPENDIENTES	TOTAL	FUENTE	MEDIO	PERSONA	Nivel de deficiencia ND	Nivel de Exposición NE	Nivel de Probabilidad NP = (ND * NE)	Interpretación del Nivel de Probabilidad	Nivel de Consecuencia	Nivel del Riesgo NR = NP * NC	Interpretación del NR	Aceptación del Riesgo	Sustitucion	Eliminacion	Controles de Ingeniería	Controles Administrativos, Señalización, Advertencia	Elementos de Protección Personal
OPERATIVO	ESTRUCTURA METÁLICA Y ESTRUCTURA DE CONCRETO (cerramiento)	NO	8	QUIMICO	HUMOS METÁLICOS	Por altas temperaturas de fundición en el proceso de soldadura	Molestias e irritación de vías respiratorias Daño en órganos como hígado, riñón o cerebro Neumoconiosis por exposición prolongada al factor de riesgo		1		1		Capacitación en manejo del riesgo. Realización del trabajo de soldadura al aire libre	Uso de protección respiratoria y demás EPP adecuados para la labor	2	2	4	Bajo	25	100	III	Aceptable			Utilizar el equipo de soldadura en áreas lo más aisladas del personal.	Capacitación en manejo del riesgo, realización del trabajo con soldadura al aire libre, implementación de procedimiento de trabajo seguro, permisos de trabajo. Inspección equipo de soldadura	Uso de protección respiratoria y demás EPP adecuados para la labor de acuerdo con matriz de EPP.
		SI	8	BIOMECANICO	ERGONOMICO	Postura Prolongada, mantenida, forzada, antigravitacional)	Fatiga, tensión, espasmos, problemas circulatorios, dolor lumbar, cervical y miembros inferiores.		7		7		Pausas durante la jornada laboral, capacitación en higiene postural		2	3	6	Medio	10	60	III	Aceptable				Desarrollar pausas activas de descanso, implementar un descanso durante la jornada laboral. Capacitación en higiene postural	
		SI	8		ERGONOMICO	Esfuerzos, movimientos repetitivos, manipulación de cargas	Dolor lumbar, dolor en las manos, lesiones musculares.		7		7		Pausas durante la jornada laboral, capacitación manipulación segura de cargas		2	3	6	Medio	10	60	III	Aceptable				Verificación del peso a manejar para definir la técnica de trabajo, capacitación manejo adecuado de cargas, implementar descansos durante la jornada rotar el personal.	
		SI	8		MECANICO	Manejo de herramientas, equipos y materiales, mecanismos en movimiento.	Lesiones de mano de diferente magnitud, lesiones oculares o faciales heridas, contusiones.		7		7		Capacitación en manejo seguro de herramienta y equipos. Inspección preoperacional a maquinaria y equipos.	Utilización de EPP	2	3	6	Medio	25	150	II	No Aceptable o Aceptable con control especifico			Verificar los resguardos, aparatos o dispositivos de seguridad que protejan una máquina o una parte de la misma que sea peligrosa.	Inspección a herramientas y equipos antes de cada uso, verificación de competencia del personal que realizara la actividad, capacitación en manejo seguro de herramienta manual y mecanizada.	Ropa de trabajo adecuada para la actividad. EPP de acuerdo con matriz.
		SI	6		SEGURIDAD	3.31 Trabajos en alturas	3.31 Trauma craneoencefálico, trauma cerrado de cavidades, lesiones del sistema musculoesquelético y de piel, lesiones múltiples, muerte.		1		1		Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo y ATS. Inspección de la zona y análisis de riesgos. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Supervisión eficiente a subcontratistas.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal Verificación de formación, experiencia y condiciones de salud del trabajador para ejecutar la actividad	6	2	12	Alto	100	1200	I	No Aceptable				Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo y ATS. Inspección de la zona y análisis de riesgos. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Supervisión eficiente a subcontratistas.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal Verificación de formación, experiencia y condiciones de salud del trabajador para ejecutar la actividad
		SI	8		LOCATIVOS	Superficies de trabajo, instalaciones, espacios.	Caídas del personal.		7		7		Señalización adecuada, delimitación y demarcación de rutas y senderos peatonales, mantener el orden y el aseo en la obra, inspecciones de orden y aseo		2	3	6	Medio	25	150	II	No Aceptable o Aceptable con control especifico				Inspección de la zona para determinar medidas para implementar adecuada señalización, adecuada demarcación del área de trabajo, determinación de senderos y rutas de entrada y salida de personal (desplazadas), orden y aseo en la obra, cerramiento adecuado de la obra, control de ingreso de personal y visitantes.	Botas de seguridad, casco, ropa de trabajo.
	INSTALACIONES ELECTRICAS E ILUMINACION	SI	6	4. BIOMECÁNICOS	4.1. Posturas inadecuadas	4.1. Hiperextensiones del tronco y miembros superiores. Postura prolongada mantenida de pie. Trabajo por encima de los hombros	4.2 Agotamiento, mayor desgasta, lesiones del sistema musculoesquelético.		4		4		Capacitación higiene postural. Descansos entre la jornada		0	3		Bajo	10	0	IV	Aceptable				Capacitación higiene postural Rotación de personal Pausas durante la jornada de trabajo	
		SI	6		4.3. Movimiento repetitivo	4.3. Movimientos repetitivos de miembros superiores	4.4 Agotamiento, mayor desgasta, lesiones del sistema musculoesquelético.		4		4		Capacitación higiene postural. Descansos entre la jornada		0	3		Bajo	10	0	IV	Aceptable				Capacitación higiene postural Rotación de personal Pausas durante la jornada de trabajo	
		SI	4	2. QUÍMICOS	3.6. Manejo de sustancias químicas	2.4. Manipulacion de productos químicos	2.4 Lesiones pulmonares y en piel, intoxicaciones agudas y crónicas. Irritación de vías respiratorias, cefaleas, otros de acuerdo a sustancia a utilizar		4		4		Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.	2	2	4	Bajo	10	40	III	Aceptable				Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.
		SI	8	3. DE SEGURIDAD	Trabajo eléctrico	Por actividad de redes eléctricas	3.10 Quemaduras, electrocución, muerte. Incendio		4		4		Capacitación en riesgo eléctrico, supervisión eficiente, verificación experiencia y formación de trabajadores.	Elementos de Protección Personal dielectricos	2	2	4	Bajo	100	400	II	No Aceptable o Aceptable con control especifico				Capacitación en riesgo eléctrico, supervisión eficiente, verificación experiencia y formación de trabajadores.	Elementos de Protección Personal dielectricos
		SI	6		3.31 Trabajos en alturas	3.31 Trabajos en alturas	3.31 Trauma craneoencefálico, trauma cerrado de cavidades, lesiones del sistema musculoesquelético y de piel, lesiones múltiples, muerte.		1		1		Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo, ATS Inspección de la zona y análisis de riesgos. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Supervisión eficiente a subcontratistas.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal Verificación de formación, experiencia y condiciones de salud del trabajador para ejecutar la actividad	6	2	12	Alto	100	1200	I	No Aceptable				Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo, ATS. Inspección de la zona y análisis de riesgos. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Supervisión eficiente a subcontratistas	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal Verificación de formación, experiencia y condiciones de salud del trabajador para ejecutar la actividad
	CUBIERTA	SI	8	SEGURIDAD	TRABAJO EN ALTURAS	Superficies de trabajo, instalaciones, espacios trabajo en alturas.	Caída de diferentes alturas con lesiones diversas, potencialmente mortales.		2		2		Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo, ATS Inspección de la zona y análisis de riesgos. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Supervisión eficiente a subcontratistas.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal Verificación de formación, experiencia y condiciones de salud del trabajador para ejecutar la actividad	6	3	18	Alto	100	1800	I	No Aceptable				Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo, ATS Inspección de la zona y análisis de riesgos. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Supervisión eficiente a subcontratistas.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal Verificación de formación, experiencia y condiciones de salud del trabajador para ejecutar la actividad
		NO	5		3.2. Mecanismos en movimiento por utilización de pluma, izaje de cargas (Si es necesario)	Atrapamiento por partes en movimiento externas (giros del brazo, cables de acero, cadena, guayas metálicas, cables de elevación). Inhalación de gases en proceso de combustión del motor cuando funciona con combustibles. Ruido. Contacto con energía eléctrica en conexiones. Caída de alturas del operador y de la carga izada	Muerte, invalidez, amputación en dedos, manos, fracturas, electrocución, atrapamientos, desordenes osteomusculares, hipoacusia		2		2	Verificar guarda del motor.	Capacitación manejo seguro de pluma Verificar hoja de vida del equipo. Tener certificado de resistencia de la guaya y cálculo de carga . Certificado de resistencia del gancho. Realizar preoperacional diario antes de iniciar labores, después de paros por cambios climáticos, mantenimientos o cambio de operario. Verificación último mantenimiento, el cual debe ser realizado por el fabricante.	Equipo de protección contra caídas (arnés, eslinga de restricción), casco con barbuquejo, guantes de vaqueta, protección visual, bota de seguridad con puntera.	6	3	18	Alto	100	1800	I	No Aceptable			Verificación guarda de motor. Si el equipo funciona con gasolina, usarlo en un lugar abierto y con ventilación.	Capacitación manejo seguro de pluma. Verificar hoja de vida del equipo. Tener certificado de resistencia de la guaya y cálculo de carga . Certificado de resistencia del gancho. Realizar preoperacional diario antes de iniciar labores, después de paros por cambios climáticos, mantenimientos o cambio de operario. Contar con plan de izaje y permiso de izaje Verificación último mantenimiento, el cual debe ser realizado por el fabricante. Verificación curso alturas trabajador autorizado vigente. Capacitación en izaje de cargas, señales manuales de izaje de cargas, identificación de peligros. Señalización y demarcación del área de operación de la pluma. Sólo permitir acceso a personal autorizado para la maniobra. Para operador y aparejador, los mismos controles. Contar con extintor en el área de trabajo Abastecimiento de combustible cuando el equipo no está en funcionamiento. Zonas de vacíos o bordes de placa protegidos con barandas de acuerdo a Resolución.	Punto de anclaje seguro. Equipo de protección contra caídas (arnés, eslinga de restricción, Línea de vida), casco con barbuquejo, guantes de vaqueta, protección visual, bota de seguridad con puntera.
		SI	8		MECANICO	Por manipulacion de herramientas manual y mecanizada (Pulidora, taladro)	Lesiones de mano lesiones oculares o faciales heridas, contusiones, fricciones.		2		2		Capacitación en manejo seguro de herramienta manual y mecanizada Inspección a herramienta	Utilización de EPP (Gafas, guantes, botas de seguridad)	2	3	6	Medio	25	150	II	No Aceptable o Aceptable con control especifico			Verificar los resguardos, aparatos o dispositivos de seguridad que protejan una máquina o una parte de la misma que sea peligrosa.	Inspección a herramientas y equipos antes de cada uso, verificación de competencia del personal que realizara la actividad, capacitación en manejo seguro de herramienta manual y mecanizada.	Ropa de trabajo adecuada para la actividad. EPP

PROCESO	ÁREA O PROCESO	RUTINARIA SI / NO	TIEMPO EXP	PELIGRO			POSIBLES EFECTOS A LA SALUD	EXPUESTOS				MÉTODOS DE CONTROL EXISTENTES			Evaluación del Riesgo							Valoración del riesgo	Medidas de Intervención					
				CLASIFICACIÓN	TIPO DE RIESGO	DESCRIPCIÓN		PLANTA (cuadrilla)	SUBCONTRATISTAS	INDEPENDIENTES	TOTAL	FUENTE	MEDIO	PERSONA	Nivel de deficiencia ND	Nivel de Exposición NE	Nivel de Probabilidad NP = (ND * NE)	Interpretación del Nivel de Probabilidad	Nivel de Consecuencia	Nivel del Riesgo NR = NP * NC	Interpretación del NR	Aceptación del Riesgo	Sustitucion	Eliminacion	Controles de Ingenieria	Controles Administrativos, Señalización, Advertencia	Elementos de Protección Personal
		SI	4	2. QUÍMICOS	3.6. Manejo de sustancias químicas	2.4. Manipulacion de productos quimicos	2.4 Lesiones pulmonares y en piel, intoxicaciones agudas y crónicas. Irritación de vias respiratorias, cefaleas, otros de acuerdo a sustancia a utilizar		2		2		Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.	2	2	4	Bajo	10	40	III	Aceptable				Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.
		SI	8	BIOMECANICO	ERGONOMICO	Postura Prolongada, mantenida, forzada, antigravitacional)	Fatiga, tensión, espasmos, problemas circulatorios, dolor lumbar, cervical y miembros inferiores.		3		3		Pausas durante la jornada laboral, capacitación en higiene postural		2	3	6	Medio	10	60	III	Aceptable				Desarrollar pausas activas de descanso, implementar un descanso durante la jornada laboral. Capacitación en higiene postural	
	PAÑETES, PINTURAS	SI	5	DE SEGURIDAD	MECANICO	Por manipulacion de herramientas manual y mecanizada	Lesiones de mano lesiones oculares o faciales heridas, contusiones, fricciones.		4		4		Capacitación en manejo seguro de herramienta manual y mecanizada Inspección a herramienta	Utilización de EPP (Gafas, guantes, botas de seguridad)	2	3	6	Medio	25	150	II	No Aceptable o Aceptable con control específico			Verificar los resguardos, aparatos o dispositivos de seguridad que protejan una máquina o una parte de la misma que sea peligrosa.	Inspección a herramientas y equipos antes de cada uso, verificación de competencia del personal que realizara la actividad, capacitación en manejo seguro de herramienta manual y mecanizada.	Ropa de trabajo adecuada para la actividad. EPP
		SI	8		3.31 Trabajos en alturas	3.31 Trabajos en alturas	3.31 Trauma craneoencefálico, trauma cerrado de cavidades, lesiones del sistema musculoesquelético y de piel, lesiones múltiples, muerte.		2		2		Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado vigente para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo. Inspección de la zona y análisis de riesgos. Inspección y verificación puntos de anclaje. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Verificación de experiencia y c ondiciones de salud del trabajador para ejecutar la actividad. Examen médico cponénfasis en alturas inferior a un año. Supervisión eficiente.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal	6	2	12	Alto	100	1200	I	No Aceptable				Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado vigente para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo. Análisis de trabajo seguro. Inspección de la zona y análisis de riesgos. Inspección y verificación puntos de anclaje. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Verificación de experiencia y c ondiciones de salud del trabajador para ejecutar la actividad. Examen médico cponénfasis en alturas inferior a un año. Supervisión eficiente.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal
		SI	8	2. QUÍMICOS	3.6. Manejo de sustancias químicas	2.4. Manipulacion de productos químicos (pintura, impermeabilizante, vinilo)	2.4 Lesiones pulmonares y en piel, intoxicaciones agudas y crónicas. Irritación de vias respiratorias, cefaleas		3		3		Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.	2	2	4	Bajo	10	40	III	Aceptable				Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.
		SI	8		2.1. Material Particulado (orgánicos, inorgánicos)	Por material particulado producto de la actividad y uso de materiales	2.1. Afecciones en el sistema respiratorio, alergias, afecciones en la piel y en ojos		3		3		Capacitación en prevención del riesgo. Ventilación del área	Uso de EPP: Mascarilla. Ropa de trabajo adecuada (Pantalón, camisa manga larga), gafas de seguridad, guantes	2	4	8	Medio	10	80	III	Aceptable				Capacitación en prevención del riesgo. Ventilación del área	Uso de EPP: Mascarilla. Ropa de trabajo adecuada (Pantalón, camisa manga larga), gafas de seguridad, guantes
		SI	8	BIOMECANICO	ERGONOMICO	Postura Prolongada, mantenida, forzada, antigravitacional). Trabajo por encima de los hombros	Fatiga, tensión, espasmos, problemas circulatorios, dolor lumbar, cervical y miembros inferiores.		3		3		Pausas durante la jornada laboral, capacitación en higiene postural		2	3	6	Medio	10	60	III	Aceptable				Desarrollar pausas activas de descanso, implementar un descanso durante la jornada laboral. Capacitación en higiene postural	Ropa de trabajo adecuada para la actividad. (camisa manga larga y pantalon)
		SI	8	DE SEGURIDAD	MECANICO	Por manipulacion de herramientas manual y mecanizada (Pulidora, taladro, cortadora).	Lesiones de mano lesiones oculares o faciales heridas, contusiones, fricciones.		6		6	Verificar guarda herramienta mecanizada	Capacitación en manejo seguro de herramienta manual y mecanizada Inspección preoperacional a herramienta	Utilización de EPP (Casco, Gafas, guantes, botas de seguridad)	2	3	6	Medio	25	150	II	No Aceptable o Aceptable con control específico			Verificar los resguardos, aparatos o dispositivos de seguridad que protejan una máquina o una parte de la misma que sea peligrosa.	Inspección a herramientas y equipos antes de cada uso, verificación de competencia del personal que realizara la actividad, capacitación en manejo seguro de herramienta manual y mecanizada.	Ropa de trabajo adecuada para la actividad. EPP
	CARPINTERIA METALICA, CARPINTERÍA EN ALUMINIO	NO	5		3.2. Mecanismos en movimiento por utilización de pluma, izaje de cargas Para actividades de carpintería metálica, carpintería de aluminio. Si se requiere	Atrapamiento por partes en movimiento externas (giros del brazo, cables de acero, cadena, guayas metálicas, cables de elevación). Inhalación de gases en proceso de combustión del motor cuando funciona con combustibles. Ruido. Contacto con energía eléctrica en conexiones. Caída de alturas del operador y de la carga izada	Muerte, invalidez, amputación en dedos, manos, fracturas, electrocución, atrapamientos, desordenes osteomusculares, hipoacusia		2		2	Verificar guarda del motor.	Capacitación manejo seguro de pluma Verificar hoja de vida del equipo. Tener certificado de resistencia de la guaya y cálculo de carga . Certificado de resistencia del gancho. Realizar preoperacional diario antes de iniciar labores, después de paros por cambios climáticos, mantenimientos o cambio de operario. Verificación último mantenimiento, el cual debe ser realizado por el fabricante.	Equipo de protección contra caídas (arnés, eslinga de restricción), casco con barbuquejo, guantes de vaqueta, protección visual, bota de seguridad con puntera.	6	1	6	Medio	25	150	II	No Aceptable o Aceptable con control específico			Verificación guarda de motor. Si el equipo funciona con gasolina, usarlo en un lugar abierto y con ventilación.	Capacitación manejo seguro de pluma. Verificar hoja de vida del equipo. Tener certificado de resistencia de la guaya y cálculo de carga . Certificado de resistencia del gancho. Realizar preoperacional diario antes de iniciar labores, después de paros por cambios climáticos, mantenimientos o cambio de operario. Contar con plan de izaje y permiso de izaje Verificación último mantenimiento, el cual debe ser realizado por el fabricante. Verificación curso altura trabajador autorizado vigente. Capacitación en izaje de cargas, señales manuales de izaje de cargas, identificación de peligros. Señalización y demarcación del área de operación de la pluma. Sólo permitir acceso a personal autorizado para la maniobra. Pura operador y aparejador, los mismos controles. Contar con extintor en el área de trabajo Abastecimiento de combustible cuando el equipo no está en funcionamiento. Zonas de vacíos o bordes de placa protegidos con barandas de acuerdo a Resolución.	Punto de anclaje seguro. Equipo de protección contra caídas (arnés, eslinga de restricción, Línea de vida), casco con barbuquejo, guantes de vaqueta, protección visual, bota de seguridad con puntera.
		SI	6		3.31 Trabajos en alturas	3.31 Trabajos en alturas	3.31 Trauma craneoencefálico, trauma cerrado de cavidades, lesiones del sistema musculoesquelético y de piel, lesiones múltiples, muerte.		2		2		Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado vigente para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo. Inspección de la zona y análisis de riesgos. Inspección y verificación puntos de anclaje. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Verificación de experiencia y c ondiciones de salud del trabajador para ejecutar la actividad. Examen médico cponénfasis en alturas inferior a un año. Supervisión eficiente.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal	6	2	12	Alto	100	1200	I	No Aceptable				Capacitación procedimiento trabajo seguro en alturas, certificado de curso trabajador autorizado vigente para trabajadores que realicen la actividad, diligenciamiento permisos de trabajo. Análisis de trabajo seguro. Inspección de la zona y análisis de riesgos. Inspección y verificación puntos de anclaje. Inspección de elementos de protección contra caídas y de elementos de protección personal. Inspección de sistemas de acceso. Señalización del área de trabajo. Verificación de experiencia y c ondiciones de salud del trabajador para ejecutar la actividad. Examen médico cponénfasis en alturas inferior a un año. Supervisión eficiente.	Utilización de elementos de protección contra caídas, utilización de elementos de protección personal
		SI	6	2. QUÍMICOS	Humos metálicos	Por altas temperaturas de fundición en la actividad de soldadura en carpintería metálica	Molestias e irritación de vías respiratorias daño en órganos como hígado, riñón o cerebro neumoconiosis por exposición prolongada al factor de riesgo.		2		2		Capacitación en manejo del riesgo. Realización del trabajo de soldadura al aire libre	Uso de protección respiratoria y demás EPP adecuados para la labor	2	2	4	Bajo	25	100	III	Aceptable			Aislar el proceso durante la actividad	Capacitación en manejo del riesgo, realización del trabajo con soldadura al aire libre, implementación de procedimiento de trabajo seguro, permisos de trabajo.	Uso de protección respiratoria y demás EPP adecuados para la labor de acuerdo con matriz de EPP.
		SI	7		3.6. Manejo de sustancias químicas	2.4. Manipulacion de productos químicos (Gasolina, ACPM). Merulex en carpintería de madera	2.4 Lesiones pulmonares y en piel, intoxicaciones agudas y crónicas. Irritación de vias respiratorias, cefaleas		6		6		Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.	2	2	4	Bajo	10	40	III	Aceptable				Capacitación manejo del riesgo y en hojas de seguridad.	Ropa de trabajo adecuada: pantalón y camisa manga larga. Uso de guantes, gafas, tapabocas y demás elementos necesarios de acuerdo con hojas de seguridad.
		SI	8	BIOMECANICO	ERGONOMICO	Postura Prolongada, mantenida, forzada, antigravitacional)	Fatiga, tensión, espasmos, problemas circulatorios, dolor lumbar, cervical y miembros inferiores.		6		6		Pausas durante la jornada laboral, capacitación en higiene postural		2	3	6	Medio	10	60	III	Aceptable				Desarrollar pausas activas de descanso, implementar un descanso durante la jornada laboral. Capacitación en higiene postural	

PROCESO	ÁREA O PROCESO	RUTINARIA SI / NO	TIEMPO EXP	PELIGRO			POSIBLES EFECTOS A LA SALUD	EXPUESTOS				MÉTODOS DE CONTROL EXISTENTES			Evaluación del Riesgo							Valoración del riesgo	Medidas de Intervención					
				CLASIFICACIÓN	TIPO DE RIESGO	DESCRIPCIÓN		PLANTA (o oficina fija)	SUBCONTRATISTAS	INDEPENDIENTES	TOTAL	FUENTE	MEDIO	PERSONA	Nivel de deficiencia ND	Nivel de Exposición NE	Nivel de Probabilidad NP = (ND * NE)	Interpretación del Nivel de Probabilidad	Nivel de Consecuencia	Nivel del Riesgo NR = NP * NC	Interpretación del NR	Aceptación del Riesgo	Sustitucion	Eliminacion	Controles de Ingeniería	Controles Administrativos, Señalización, Advertencia	Elementos de Protección Personal
	DOTACIÓN DE BAÑOS, GRIFERIAS Y ACCESORIOS	SI	8	SEGURIDAD	MECANICO	Por manipulacion de herramientas manual	Lesiones de mano lesiones oculares o faciales heridas, contusiones, fricciones.		3		3		Capacitación en manejo seguro de herramienta manual y mecanizada Inspección a herramienta	Utilización de EPP (Gafas, guantes, botas de seguridad)	2	3	6	Medio	25	150	II	No Aceptable o Aceptable con control específico			Verificar los resguardos, aparatos o dispositivos de seguridad que protejan una máquina o una parte de la misma que sea peligrosa.	Inspección a herramientas y equipos antes de cada uso, verificación de competencia del personal que realizara la actividad, capacitación en manejo seguro de herramienta manual y mecanizada.	Ropa de trabajo adecuada para la actividad. EPP de acuerdo con matriz.
		SI	8		QUIMICO	Por manipulación de sustancias químicas	Irritación de ojos, piel, mucosas y otros de acuerdo con hoja de seguridad de cada sustancia		3		3		Capacitación hojas de seguridad	Utilización EPP de acuerdo con indicación de hojas de seguridad	2	2	4	Bajo	10	40	III	Aceptable			Garantizar ventilación en las zonas a trabajar.	Capacitación en hojas de seguridad de las sustancias que se van a utilizar.	Utilización de EPP indicados en hojas de seguridad.
		SI	8	BIOMECANICO	ERGONOMICO	Postura Prolongada, mantenida, forzada, manipulación de cargas	Fatiga, tensión, espasmos, problemas circulatorios, dolor lumbar, cervical y miembros inferiores.		3		3		Pausas durante la jornada laboral		2	3	6	Medio	10	60	III	Aceptable				Desarrollar pausas activas de descanso, implementar un descanso durante la jornada laboral. Capacitación en higiene postural y manejo aqdecuado de cargas	Ropa de trabajo adecuada para la actividad. (camisa manga larga y pantalon)
	TODAS LAS ACTIVIDADES DE LA OBRA	SI	8		BIOLOGICO	MACROORGANISMOS: ANIMALES	Picadura de insectos y animales propios de la región		14	8	22		Capacitar en el riesgo, inspección previa de la zona a intervenir	Uso de EPP: Bota caña alta, ropa de trabajo adecuada (camisa manga larga y pantalón)	2	1	2	Bajo	10	20	IV	Aceptable				Inspección previa de los sitios de trabajo, utilización de repelente de insectos, verificacion de vacunación, capacitación en manejo del riesgo.	Ropa de trabajo adecuada para la actividad. (camisa manga larga y pantalon), bota caña alta
		SI	8		FISICO	RADIACION NO IONIZANTE	Rayos solares por trabajos a la intemperie		14	8	22		Uso de bloqueador solar	Uso de EPP:casco, ropa de trabajo adecuada (camisa manga larga y pantalón)	2	1	2	Bajo	10	20	IV	Aceptable				Utilización de cremas bloqueadoras solares. Hidratación permanente.	Ropa de trabajo adecuada para la actividad. (camisa manga larga y pantalon), casco
		SI	8		LOCATIVOS	Superficies de trabajo, instalaciones, espacios falta de orden y aseo	Caídas, esguinces o lesiones similares		14	8	22		Señalización adecuada, delimitación y demarcación de rutas y senderos peatonales, mantener el orden y el aseo en la obra, inspecciones de orden y aseo		2	2	4	Bajo	25	100	III	Aceptable				Inspección de la zona para determinar medidas para implementar adecuada señalización, adecuada demarcación del área de trabajo, determinación de senderos y rutas de entrada y salida de personal (despejadas), orden y aseo en la obra, cerramiento adecuado de la obra, control de ingreso de personal y visitantes.	Botas de seguridad, casco, ropa de trabajo.
		SI	8		LOCATIVOS	3.17. Falta de orden y aseo. Almacenamiento arrumes con altura inadecuada. Estantería en mal estado	3.17 Trauma craneoencefálico, lesiones del sistema músculo esquelético y de piel por caídas y golpes.		14		14		Capacitación orden y aseo, señalización. Inspecciones de orden y aseo.	Uso de EPP: Botas de seguridad, casco, guantes	2	2	4	Bajo	25	100	III	Aceptable				Capacitación orden y aseo, señalización. Inspecciones de orden y aseo.	Uso de EPP: Botas de seguridad, casco, guantes
		SI	8		3.25. Delincuencia común (robos, asraos, atentados, desorden público)	3.25. Bandalismo, agresión por terceros, robo	3.26 Agresión física o verbal, Lesiones múltiples, muerte. Estrés postraumático		14	8	22		Capacitación en manejo del riesgo, prudencia en el manejo de la información. No exponerse innecesariamente a situaciones de riesgo. No portar elementos vistosos y ostentosos. Asender observaciones y recomendaciones de autoridades locales y de la entidad donde se está ejecutando la obra.		2	2	4	Bajo	100	400	II	No Aceptable o Aceptable con control específico				Capacitación en manejo del riesgo, prudencia en el manejo de la información. No exponerse innecesariamente a situaciones de riesgo. No portar elementos vistosos y ostentosos. Asender observaciones y recomendaciones de autoridades locales y de la enidad donde se está ejecutando la obra.	
		SI	8		6. PSICOSOCIAL	6.3. Características del grupo social del trabajo. Interfase persona - tarea. Gestión organizacional	Organización del trabajo, trabajo en equipo, estilo de mando,carga mental.		14	8	22		Planeación adecuada de la obra. Organización del trabajo. Manejo adecuado de relaciones interpersonales. Liderazgo efectivo.		2	1	2	Bajo	10	20	IV	Aceptable				Planeación adecuada de la obra. Organización del trabajo. Manejo adecuado de relaciones interpersonales. Definición clara de funciones y responsabilidades. Liderazgo efectivo	
		SI	8		7. FENOMENOS NATURALES	7.1 Fenomenos naturales	7.1. Sismo, terremoto, vendavel, granizadas		14	8	22		7. Pérdidas humanas y físicas por desastre		2	2	4	Bajo	10	40	III	Aceptable				Preparación en atención de emergencias. Conformación y capacitación a brigadas. Realización de simulacros. Identificación rutas de evacuación y puntos de encuentro. Aplicación PONS. Verificación de riesgos en la zona del proyecto. Asender recomendaciones de autoridades locales	Preparación en atención de emergencias. Conformación y capacitación a brigadas. Realización de simulacros. Identificación rutas de evacuación y puntos de encuentro. Aplicación PONS. Verificación de riesgos en la zona del proyecto. Asender recomendaciones de autoridades locales	

SISTEMA GESTION DE SEGURIDAD Y SALUD EN EL TRABAJO	GRU SAS GESTIÓN RURAL Y URBANA S.A.S
	F-SST-26-VER-01

FORMATO DE NOTIFICACION DE RIESGOS

Fecha: _____ dando cumplimiento a los requisitos legales establecidos en el decreto 1072 de 2015 capítulo 6 Sistema de Gestión de la Seguridad y Salud en el Trabajo (SG-SST), se le informa al trabajador descrito a continuación, de los riesgos a que podría estar expuesto en el desempeño de su actividad laboral, con el fin de que se tomen las medidas de precaución y prevención a que haya lugar y preservar su salud y bienestar. Igualmente, se le describe el equipo de protección que debe utilizar en TODO momento, mientras se encuentra laborando para **GESTION RURAL Y URBANA S.A.S.**

TRABAJADOR: _____ C.C. _____
Obra: _____Cargo:_____

RIESGOS COMUNES Y/O ESPECIFICOS

Indicar con una X los riesgos a los que el trabajador estará expuesto:

QUÍMICOS		**FISICOS**	
Polvos orgánicos e inorgánicos		Exposición a Ruido (impacto intermitente y continuo)	
Fibras		Iluminación (luz visible por exceso o por deficiencia)	
Líquidos (nieblas y rocíos)		Vibraciones (Cuerpo entero o segmentaria)	
Gases y vapores		Temperaturas extremas (calor o frío)	
Humos metálicos y no metálicos		Presión atmosférica (Normal y ajustada)	
Material particulado		Radiaciones ionizantes (rayos X, gama, beta y alfa)	
Sustancias cancerígenas		Radiaciones no ionizantes (laser, ultravioleta, infraroja)	
BIOMECANICO		**CONDICIONES DE SEGURIDAD**	
Postura (prolongada, mantenida, forzada, antigravitaciones)		Mecánico (Elementos de máquinas, herramientas, piezas a trabajar, materiales proyectados, sólidos o fluidos)	
Esfuerzos		Eléctricos (Alta y baja tensión, estática) Líneas eléctricas aéreas	
Movimiento repetitivo		Locativo (almacenamiento, superficies de trabajo (irregularidades, deslizantes, con diferencia de nivel), condiciones de orden y aseo, caídas de objetos)	
Manipulación manual de cargas		Tecnológico (explosión, fuga, derrame, incendio)	
BIOLÓGICO		Partes mecánicas en movimiento	
Virus		Accidentes de tránsito	
Bacterias		Públicos (robos, atracos, asaltos, atentados, desorden público, etc)	
Hongos		Trabajos en altura	
Ricketsias		Espacios confinados	
Parásitos		Izaje de Cargas	
Picaduras		Excavaciones	
Mordeduras		**FENOMENOS NATURALES**	
Fluidos o excrementos		Sismo	
PSICOSOCIAL		Terremoto	
Gestión Organizacional (estilo de mando, pago, contratación, manejo de cambios)		Vendaval	
Características de la organización (comunicación, tecnología, organización del trabajo, trabajo bajo presión)		Inundación	
Características del grupo social del trabajo (relaciones, cohesión, calidad de interacciones, trabajo en equipo		Derrumbe	
Condiciones de la tarea (carga mental, contenido de la tarea, tarea monótona y repetitiva)		Precipitaciones (lluvias, granizadas, heladas)	
Interfase persona tarea (conocimientos y habilidades con relación a la tarea, autonomía, identificación de la persona con la tarea y la organización)			
Jornada de trabajo (trabajo nocturno, rotación, horas extras			

EQUIPOS DE PROTECCIÓN REQUERIDOS Y OBLIGATORIOS			
PROTECCIÓN PARA OJOS Y CARA		**PROTECCIÓN PARA LOS PIES**	
Gafas de seguridad		Botas de seguridad	
Careta protectora [impacto/radiación]		Botas media caña	
Lentes oxicorte		Botas caña completa	

PROTECCIÓN AUDITIVA		Botas dieléctricas	
Tapa oídos de inserción		**PROTECCIÓN RESPIRATORIA**	
Protectores tipo copa		Respiradores con filtros mecánicos	
PROTECCIÓN PARA EL CUERPO		Respiradores con filtros químicos	
Overoles de trabajo		Equipos de aire auto contenido o mascarillas	
Pantalón y camisa		Mascarilla industrial	
Ropa resistente al fuego		**PROTECCIÓN PARA LAS MANOS Y LA CABEZA**	
Almohadilla de computadora para la mano		Guantes de carnaza / vaqueta / nitrilo (De acuerdo con actividad)	
PROTECCION CONTRA CAÍDAS		Casco de seguridad	
Arnés de cuerpo entero		Barbuquejo	
Eslinga de posicionamiento		Guantes de caucho	
Línea de vida		Gorra con visera	

EFECTOS PROBABLES A LA SALUD	SISTEMAS DE PREVENCION Y CONTROLES EXISTENTES	MEDIDAS PREVENTIVAS Y DE CONTROL QUE DEBE CUMPLIR EL TRABAJADOR
Los informados en el proceso de inducción, de acuerdo con los riesgos identificados.	Uso de EPP y EPC Análisis de Riesgos Señalización y demarcación Orden y aseo en frente de trabajo Verificación cumplimiento normas SST Seguimiento a tareas críticas. Capacitación Inspecciones de seguridad Verificación seguridad social Verificación competencia del personal Otros de acuerdo con matriz IPEVAR	Uso de EPP y EPCC (si aplica). Cumplimiento normas de seguridad informadas en la inducción. Asistencia a capacitaciones. Participación en inspecciones de seguridad. Inspección preoperacional a herramientas y equipos. Realización de actividades de acuerdo con experiencia. Atender a la señalización y demarcación en obra. Informar actos o condiciones inseguras y condiciones de salud que puedan afectar la realización del trabajo seguro. Mantener los lugares de trabajo ordenados y limpios. Atender a las instrucciones SST que indique su jefe inmediato. Las demás de acuerdo con matriz IPEVAR.

OBSERVACIONES:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Recibido y Comprendido:

Firma del trabajador: _____

Firma del Profesional SST: _____

MATRIZ PLAN DE ACCION - CRONOGRAMA DE ACTIVIDADES SG-SST

CONTRATO N° GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR".

GRU S.A.S
GESTION RURAL Y URBANA S.A.S

Fecha de actualización: 30/10/2024

	ACTIVIDAD	MES 1		MES 2		RESPONSABLE
		P	E	P	E	
1.	**CUMPLIMIENTO REQUISITOS LEGALES**					
1.1.	Divulgación y Publicacion del Reglamento de Higiene y Seguridad Industrial (EN procesos de inducción)	P		P		Residente SST
1.2	Divulgación política SST y política de prevención, alcohol y drogas (En procesos de inducción	P		P		Residente SST
1.3	Divulgación COPASST y/O Vigia SST	P				Residente SST
1.4	Afiliacion al sistema General de Seguridad Social (durante la ejecución de la obra de acuerdo con rotación de personal). Verificación pagos seguridad social	P		P		Asistente Talento Humano Oficina GRU S.A.S - Residente SST
1.5	Identificación de peligros, evaluación y valoración de riesgos	P		P		Especialista SST Oficina GRU S.A.S - Residente SST
1.6	Verificación de Cumplimiento de Subcontratistas	P		P		Residente SST
1.7	Elaboración SG-SST y divulgación, de acuerdo con las actividades del proyecto y condiciones de la zona a intervenir	P	E			Especialista SST Oficina GRU S.A.S
2	**ACTIVIDADES DE HIGIENE Y SEGURIDAD INDUSTRIAL**					
2.1	Actualización de SG-SST y de identificación, evaluación y valoración de los riesgos (si se requiere)					Residente SST
2.2	Entrega y reposición de Elementos de Protección Personal y señalización	P		P		Residente SST
2.3	Inspecciones EPP, EPCC, andamios, escaleras, maquinaria, equipos, herramientas	P		P		Residente SST - Operadores
2.4	Inspección de orden y aseo	P		P		Residente SST
2.5	Diligenciamiento permisos de trabajo tareas críticas	P		P		Residente SST
2.6	Investigación incidentes - AT. Estadísticas de accidentalidad (En caso que se presenten)					Residente SST - Residente Obra - COPASST
3	**ACTIVIDADES DE MEDICINA PREVENTIVA Y DEL TRABAJO**					
3.1.	Exámenes médicos ocupacionales de preingreso y retiro (De acuedo con ingresos y según rotación de personal)	P		P		Especialista SST GRU S.A.S - IPS Contratada - Residente SST
4	**PREPARACION Y RESPUESTA ANTE EMERGENCIAS**					
4.1.	Reconocimiento de la zona, identificación de riesgos, implementación plan de emergencias	P				Residente SST
4.2.	Disposición de extintor, camilla y botiquín.	P				Residente SST
4.3	Ubicación de señalizacion de emergencia	P				Residente SST
4.4	Socializacion como actuar en caso de emergencia PONs	P				Residente SST
5	**PROGRAMA DE CAPACITACIÓN Y ENTRENAMIENTO**					
5.1.	Inducción a personal (De acuerdo con ingresos de personal)	P		P		Residente SST
5.2.	Conservación auditiva			P		Residente SST
5.3.	Importancia del uso, almacenamiento e higiene de EPP (En inducción)	P		P		Residente SST
5.4.	Divulgación normas de seguridad	P				Residente SST
5.5.	Manejo seguro de herramientas manuales y mecanizadas, prevención lesiones en manos	P		P		Residente SST
5.6.	Capacitación señalización y demarcación en obra. Programa orden y aseo			P		Residente SST
5.7.	Capacitación procedimiento trabajo seguro en alturas, permiso de trabajo para alturas. ATS			P		Residente SST
5.8.	Capacitación manejo seguro de Taladro	P				Residente SST
5.9.	Divulgación trabajo seguro riesgo eléctrico			P		Residente SST
5.10.	Divulgación trabajo seguro con soldadura	P				Residente SST
5.11.	Divulgación trabajo seguro con pulidora	P				Residente SST
5.12.	Almacenamiento seguro materiales y sustancias químicas. Hojas de seguridad			P		Residente SST
5.13.	Estilos de vida saludables, prevención consumo alcohol, tabaco y sustancias psicoactivas (Con inducción)	P		P		Residente SST
5.14.	Manejo de cargas - Higiene postural - Prevención lesiones osteomusculares	P				Residente SST
5.15.	Procedimiento de trabajo seguro izaje de cargas (si se requiere)			P		Residente SST
5.16.	Charlas de 5 minutos de acuerdo con requerimientos de formación en SST (Riesgo biológico, riesgo público, entre otras)	P		P		Residente SST

Versión 00

PROGRAMADO MENSUAL	26	21
EJECUTADO MENSUAL	1	0
% CUMPLIMIENTO MENSUAL	4%	0%

REPRESENTANTE LEGAL GRU SAS

PROCEDIMIENTO DE TRABAJO SEGURO USO DE PULIDORA	GRU S.A.S GESTIÓN RURAL Y URBANA SAS
	PD-SST-08-VER-01

1. OBJETO

Establecer normas prácticas y recomendaciones para realizar trabajos de manera segura con pulidoras, previniendo la ocurrencia de accidentes de trabajo.

2. ALCANCE

Este procedimiento aplica para todas las áreas operativas de GESTIÓN RURAL Y URBANA S.A.S. en las que se realice operación de pulidoras. Aplica para trabajos realizados por personal directo y por personal de contratistas.

3. DEFINICIONES



Pulidora: Equipo de trabajo eléctrico empleado para pulir superficies de diferentes materiales mediante movimientos rotatorios con un material abrasivo.

4. ELEMENTOS DE PROTECCIÓN PERSONAL NECESARIOS

Careta cara completa. Previene riesgo de proyección de partículas y se requiere protección de cara completa.
Monogafas.
Protección respiratoria. Como protección de partículas suspendidas en el aire producto del pulido de piezas.
Protectores auditivos. Tipo copa y serán de uso obligatorio por el ruido generado por la herramienta.
Calzado de seguridad. Bota de caña alta con puntera de acero.
Protección para las manos: Guantes de vaqueta.
Casco de protección. Protección ante desviación de partículas.
Protección para el cuerpo: Ropa de trabajo adecuada. Overol.

PROHIBICIONES:

- No usar bufandas, anillos, pulseras, reloj o ropa suelta, los cuales se pueden enredar con la pulidora.

- Queda prohibida la utilización de esta herramienta por personal que no haya sido autorizado y/o que no tenga la experiencia para hacerlo.
- Es prohibido utilizar la herramienta si está cansado o bajo el efecto de drogas, alcohol o medicamentos.
- Es prohibido Utilizar la herramienta para cortar madera, ya que no es la adecuada. Para esta actividad se debe utilizar una sierra circular.

5. CONDICIONES GENERALES

Para el uso de la pulidora es necesario tener en cuenta las condiciones o características particulares de cada pulidora, así como el manual de uso del fabricante. Este procedimiento menciona normas de seguridad para que el operador la utilice de modo seguro.

6. ACTIVIDADES

PREVIAS:

- Usar los elementos de protección personal requeridos en el numeral 4.
- Realizar la inspección diaria del equipo verificando que no posea daños estructurales evidentes, que el cable se encuentre en buenas condiciones, que la guarda de seguridad se encuentre en su lugar y asegurada, **que el disco este correctamente asegurado y en buen estado**. Revise que no haya piezas en movimiento mal alineadas o trabadas, piezas rotas o cualquier otra situación que pueda afectar el correcto funcionamiento de la herramienta. SI ENCUENTRA DAÑOS NO UTILICE LA HERRAMIENTA, PONER LA MÁQUINA FUERA DE SERVICIO Y AVISAR INMEDIATAMENTE AL RESIDENTE DE OBRA PARA SU REPARACIÓN.
- Verificar que el trabajador que vaya a manipular el equipo sea personal autorizado, formado y con experiencia para su utilización.
- Visualizar con atención todas las etiquetas o símbolos de advertencia dispuestas en la máquina.
- Las operaciones de mantenimiento, reparación o cualquier modificación de la máquina sólo podrán ser realizadas por personal especializado y autorizado, en lo posible por el mismo fabricante.
- Verificar la realización simultánea de otros trabajos y del estado del entorno de trabajo (obstáculos, suciedad, etc.).
- Establecer un lugar apropiado para la realización de la actividad con pulidora (lejos de materiales combustibles, sustancias inflamables, cables eléctricos, etc.).
- Realizar la notificación de los riesgos a los trabajadores que utilizarán el equipo y a personal cercano a la actividad.

DURANTE:

- No use el cable indebidamente. No use el cable para transportar, tirar o desenchufar la herramienta. Mantenga el cable alejado del calor, el aceite, los bordes afilados o las piezas móviles. Proteger el cable eléctrico cuando transite por zonas de paso de trabajadores o vehículos.
- Al operar la herramienta en el exterior, utilice un cable prolongador adecuado para tal uso.
- Los enchufes de la herramienta deben adaptarse a la toma corriente. Nunca modifique el enchufe.
- Mantener la zona de trabajo lo más limpia posible, libre de escombros, fragmentos, etc.
- No permitir la presencia de otros trabajadores dentro del radio de acción de la máquina durante su uso. En caso de ser necesario, situar las protecciones adecuadas respecto a la zona de circulación de peatones, trabajadores o vehículos (cinta de señalización). Las personas que entren al área de trabajo deben portar los elementos de protección personal.
- No utilizar la máquina en lugares polvorientos, húmedos o mojados.
- No exponga la herramienta a la lluvia, ni a condiciones de humedad, ya que si le entra agua a la herramienta aumenta el riesgo de descarga eléctrica.
- No utilice la herramienta si está cansado o bajo el efecto de drogas, alcohol o medicamentos. Un momento de descuido mientras se opera la herramienta puede provocar lesiones personales **graves**.
- Cuando la iluminación natural sea insuficiente, deberá paralizarse el trabajo si no existe una iluminación artificial que garantice una adecuada visibilidad en el lugar de trabajo.
- Mantenga las herramientas de corte afiladas y limpias.
- Utilice la herramienta **SOLAMENTE** para lo que fue diseñada.
- No utilice accesorios que no están diseñados y recomendados por el fabricante de la herramienta.
- El tamaño del eje de los discos y cualquier otro accesorio debe adaptarse correctamente al eje de la herramienta.
- No utilice un accesorio dañado, inspecciónelo antes de cada uso. Si la herramienta o el accesorio sufre una caída, inspecciónelo para verificar su estado. Después de inspeccionar e instalar un accesorio, ubíquese y ubique a otras personas lejos del plano del accesorio giratorio y haga funcionar la herramienta a velocidad máxima sin carga durante un minuto.

DESPUÉS:

- No abandonar la máquina en el suelo con el cable eléctrico conectado. Al finalizar el trabajo, desconectar el cable eléctrico de la toma de corriente.
- Al final de la jornada, guardar la máquina en un lugar seguro donde no pueda ser usada por personal no autorizado o sin la experiencia para operarla.
- Limpie frecuentemente los orificios de ventilación de la herramienta. La acumulación excesiva de polvo metálico puede producir riesgos eléctricos.

7. MEDIDAS DE SEGURIDAD SOSTENIENDO (TRABAJANDO) CON LA MAQUINA

- Evite poner en marcha la herramienta involuntariamente. Asegúrese de que el interruptor está apagado antes de conectar la fuente de alimentación. Transportar la herramienta con el dedo apoyado sobre el interruptor o enchufar la herramienta con el interruptor en la posición de encendido puede provocar accidentes de trabajo.
- Retire la clavija de ajuste o la llave de tuercas antes de encender la herramienta para evitar lesiones personales.
- NO se estire demasiado. Conserve el equilibrio y posiciónese adecuadamente en todo momento, para un mejor control de la herramienta.
- Mantenga el cabello, la ropa y los guantes alejados de piezas en movimiento, ya que puedan quedar atrapados.
- No fuerce la herramienta eléctrica, utilícela a la velocidad para la cual fue diseñada.
- No utilice la herramienta si no la puede encender o apagar con el interruptor, ya que es peligroso y puede provocar accidentes.
- Desconecte el enchufe de la fuente de alimentación de la herramienta antes de realizar cualquier ajuste, cambio de accesorios o almacenar las herramientas eléctricas.
- Cuando realice una operación en la que el accesorio de corte pueda tocar cables eléctricos ocultos o su propio cable, sostenga la herramienta solamente por las superficies de agarre aisladas, para evitar una descarga eléctrica al operador.
- Nunca apoye la herramienta hasta que el accesorio se haya detenido completamente para evitar su pérdida de control.
- Nunca haga funcionar la herramienta mientras la carga a su lado, para evitar que se le enganche en la ropa y se lance el accesorio hacia su cuerpo.
- No use la herramienta cerca de materiales inflamables. Las chispas pueden encender estos materiales.
- No utilice accesorios que requieran refrigerantes líquidos, ya que pueden producir una electrocución o descarga eléctrica.
- Siempre utilice el mango lateral. Ajuste el mango con firmeza.
- Sostenga la herramienta con firmeza y ubique el cuerpo y el brazo para poder resistir las fuerzas de retroceso.
- Nunca coloque la mano cerca del accesorio giratorio, ya que éste puede hacer un retroceso sobre la mano.
- No ubique el cuerpo en el área hacia donde la herramienta eléctrica se desplazará si se produce un retroceso. El retroceso impulsará la herramienta en la dirección opuesta al movimiento del disco en el punto de atascamiento.
- No utilice discos desgastados de herramientas eléctricas más grandes, ya que pueden estallar.
- No se debe aplicar excesiva presión al disco en el corte, se debe permitir que el disco avance a su propia velocidad de corte. La aplicación excesiva de presión quiere decir que el disco está desgastado, lo que provoca una reducción en las revoluciones del disco y un posible atascamiento

del mismo. No someter el disco a sobreesfuerzos, laterales o de torsión. Los resultados pueden ser nefastos: rotura del disco, sobrecalentamiento, pérdida de velocidad y de rendimiento, rechazo de la pieza o reacción de la máquina, pérdida de equilibrio, etc.

- En el caso de trabajar sobre piezas de pequeño tamaño o en equilibrio inestable, asegurar la pieza a trabajar, de modo que no sufran movimientos imprevistos durante la operación.
- Al desarrollar trabajos con riesgo de caída de altura, asegurar siempre la postura de trabajo, ya que en caso de pérdida de equilibrio por reacción incontrolada de la máquina, lo efectos se pueden multiplicar.
- No utilizar la máquina en posturas que obliguen a mantenerla por encima del nivel de los hombros, ya que en caso de pérdida de control, las lesiones pueden afectar a la cara, pecho o extremidades superiores.
- Se deben almacenar los discos en lugares secos, sin sufrir golpes y siguiendo la indicaciones del fabricante.
- Trabajar sobre una superficie estable, limpia, nivelada y lo más horizontal posible. Mantener los dos pies apoyados sobre el suelo, conservando el equilibrio en todo momento.
- No trabajar en las siguientes situaciones: sobre escaleras, en zonas poco accesibles, en posiciones demasiado inclinadas hacia delante o lateralmente.

8. CONSECUENCIAS QUE SE PODRÍAN GENERAR POR EL USO DE LA HERRAMIENTA

- Golpes en manos y brazos.
- Proyección de fragmentos o partículas.
- Heridas en manos, brazos y otras partes del cuerpo causando lesiones de diferente índole y gravedad a quien la opera y a terceros.
- Abrasiones en manos.
- Alteraciones auditivas.
- Alteraciones musculares por la vibración.
- Alteraciones respiratorias por inhalación de humos metálicos, polvo.
- Proyección de partículas.
- Descargas eléctricas.
- Alteraciones lumbares por adopción de posturas incómodas.
- Amputaciones e incluso la muerte de acuerdo con la gravedad de la lesión.
- Contacto con superficies calientes.

9. CAPACITACIÓN E INSTRUCCIÓN

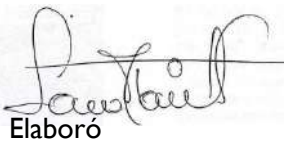
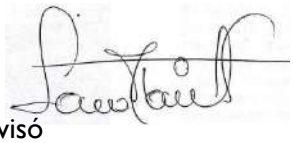
A los trabajadores que vayan a utilizar la herramienta se les deberá dar a conocer este procedimiento de trabajo seguro. Así como a trabajadores que por necesidad, deban estar cerca de la actividad.

Indicar respecto a la obligatoriedad del uso de elementos de protección personal, inspección de la zona antes de iniciar el trabajo, inspección de la herramienta antes de su uso.

PROCEDIMIENTO DE TRABAJO SEGURO USO DE PULIDORA	GRU SAS GESTIÓN RURAL Y URBANA SAS
	PD-SST-08-VER-01

Este procedimiento deberá estar en el sitio de trabajo.

CONTROL DE CAMBIOS		
VERSION	**FECHA**	**MODIFICACIÓN**
00	02/03/2015	Edición
01	18/07/2018	Se ajustan los EPP a utilizar, prohibiciones y consecuencias que genera el uso de la herramienta.

 Elaboró SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	 Revisó SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	 APROBO: Gildardo Castillo Sánchez Representante Legal

PROCEDIMIENTO TRABAJO SEGURO CON SOLDADURA	GRU S.A.S GESTIÓN RURAL Y URBANA S.A.S
	PD-SST-10-VER-01

1. OBJETIVO

Establecer y definir el procedimiento de trabajo seguro con soldadura, con el fin de proteger a los trabajadores contra los riesgos presentes en la actividad.

2. ALCANCE

Aplica a todas las actividades en las que se deba trabajar con soldadura en las obras y debe ser de obligatorio cumplimiento por parte de todo el personal que ejecute y supervise esta labor.

3. GENERALIDADES

El término soldadura se aplica a la unión de piezas, generalmente metálicas, a base de calor y / o presión directamente sobre las superficies a unir o utilizando un tercer elemento plástico o metálico fundido entre ellas. Existen principalmente dos grandes clases de soldadura:

Soldadura por arco eléctrico: El arco se establece entre un electrodo y las piezas a soldar, conectados a una fuente de corriente alterna o continua. La temperatura cuando las piezas llegan a juntarse alcanza los 4.000 °C aproximadamente. Por lo general, es necesario añadir metal fundido a la unión por medio de la fusión del propio electrodo (proceso por electrodos consumibles) o bien por la fusión de una varilla de aportación independiente que no está conectada a la corriente (proceso por electrodos no consumibles).

Oxiacetilénica: Es una de las soldaduras fuertes. En la soldadura autógena, el soporte oxiacetilénico, generalmente de tipo manual, se alimenta con oxígeno o con aire y un gas combustible, mezclándose ambos componentes antes de que se produzca la combustión en la propia boquilla del soplete. El calor funde las superficies metálicas de las piezas a soldar, produciéndose la unión de las mismas.

4. RESPONSABILIDADES

Representante Legal:

- Disponer de los recursos necesarios para implementar las medidas de seguridad en la obra.
- Velar a través de quien delegue que se cumplan con las medidas de seguridad industrial y salud ocupacional mencionadas en este procedimiento de trabajo seguro.

Director de obra:

- Será el responsable de asegurar el cumplimiento de este procedimiento por parte del Residente de obra.

Residente de Obra:

- Responsable de divulgar y exigir el cumplimiento de este procedimiento a todo el personal a su cargo.
- Tomar las medidas necesarias para garantizar el cumplimiento de este procedimiento.
- Sugerir modificaciones a este procedimiento o acciones que sean necesarias para aumentar la seguridad de los trabajadores.
- Diligenciar y autorizar el permiso de trabajo correspondiente.

Profesional SST:

- Exigir el cumplimiento de este procedimiento de trabajo seguro.
- Realizar inspecciones de seguridad que permitan evaluar la implementación de este procedimiento.
- Realizar los ajustes que considere pertinentes a este procedimiento de acuerdo con la normatividad y las condiciones específicas de la obra.
- Solicitar evidencias al director y/o residente de la obra los registros de la implementación de las medidas de seguridad que se describen en este procedimiento.
- Informar al representante legal respecto de los incumplimientos a las normas de seguridad establecidas para el desarrollo de la labor.

Trabajadores:

- Dar estricto cumplimiento a las medidas de seguridad que se establecen en este procedimiento de trabajo seguro.
- Utilizar los elementos de protección personal necesarios para realizar la labor.
- Informar al Residente de Obra cualquier condición de trabajo insegura o acto inseguro que pueda generar accidente de trabajo.
- Mantener el área de trabajo con las condiciones de seguridad para evitar lesiones a compañeros y/o terceros.

5. NORMAS DE SEGURIDAD PARA EL TRABAJO CON SOLDADURA

Estas normas de seguridad son indispensables para protegerse contra los riesgos que genera el trabajo con soldadura:

- Es necesario comprobar que no hay personas en el entorno del puesto de trabajo y delimitar la zona.
- No se debe soldar en lugares donde se almacenen materiales inflamables, combustibles, donde exista riesgo de explosión o en el interior de recipientes que hayan contenido sustancias inflamables. Se debe comprobar que todos los materiales inflamables están alejados o protegidos de chispas.
- No se debe soldar en locales donde se hayan realizado trabajos en los que hayan podido desprenderse gases o vapores inflamables. Asegúrese que se hayan ventilado suficientemente.
- No se debe soldar en superficies que contengan grasas o aceites.
- Es necesario contar con un extintor en la zona de soldadura.
- No se debe engrasar ninguna parte del equipo de soldadura con gas.
- Cuando los materiales a soldar tengan algún tipo de recubrimiento metálico, pintura o grasas o aceites, se deben eliminar limpiándolos mediante raspado o esmerilado, disolventes, etc.
- Cuando se trabaje con aleaciones o revestimientos que puedan contener metales como el cromo, níquel, cadmio, zinc, plomo, etc., el puesto de trabajo ha de ser dotado de sistemas de ventilación general y extracción localizada suficientes para eliminar el riesgo de intoxicación por humos y gases de soldadura.
- El soldador se debe cubrir los brazos antes de empezar a soldar.
- Es necesario que se cuente con el permiso de trabajo, se debe colocar en un lugar visible en el área donde efectuará el trabajo. Para autorizar el permiso de soldar se debe contar con los elementos de protección personal necesarios para realizar la labor y la verificación de la lista de chequeo correspondiente.
- El equipo de protección personal necesario y los elementos de seguridad a utilizar, varían según la tarea que se esté realizando, pero generalmente se debe usar ropa protectora que permita

libertad de movimientos y al mismo tiempo proporcione una cobertura adecuada contra las quemaduras causadas por chispas, salpicaduras de soldadura y radiación del arco.

- Antes de comenzar el trabajo se debe leer el manual de instrucciones de seguridad que entrega el distribuidor de soldadura o el fabricante.
- Se debe leer las advertencias e instrucciones de seguridad de las placas de características y etiquetas del equipo, así como las etiquetas y las Hojas de Datos de Seguridad de los materiales que se utilizarán.
- Se debe usar siempre guantes gruesos e incombustibles, como los de cuero, para proteger las manos de las quemaduras, cortes y rasguños. Además, siempre que estén secos y en buenas condiciones, ofrecerán algún aislamiento contra el choque eléctrico.
- Los ojos deben protegerse contra la exposición a la radiación (rayos de los arcos). La radiación infrarroja causa quemaduras de la retina y cataratas, incluso una exposición breve a la radiación ultravioleta (UV) puede provocar una quemadura ocular conocida como 'resplandor del soldador'. Normalmente el 'resplandor del soldador' es temporal, pero la exposición repetida o prolongada puede culminar en lesiones oculares permanentes.
- Durante el proceso de utilización de soldadura se debe utilizar protectores auditivos para: que no penetren en los oídos las chispas o trozos metálicos que se desplazan por el aire y para evitar la pérdida auditiva que es el resultado de trabajar cerca de equipos de soldadura por arco, fuentes de alimentación y procesos ruidosos.
- Se debe dar aviso a los compañeros que se encuentren cerca al soldador, de que se iniciarán los trabajos de corte y/o soldadura para evitar algún accidente de trabajo con las chispas.
- Asegúrese de que los equipos con los que va a trabajar tienen la energía bloqueada.
- De ser posible, realice todos los trabajos de soldadura a nivel de piso, si no se puede, se debe señalizar el área inferior de trabajo mediante señalización y delimitar el área donde se efectuará el trabajo en altura.
- Al iniciar el trabajo de soldadura, el operador debe estar acompañado de otra persona que se hará cargo del extintor en caso de que sea necesario.
- Se debe ventilar muy bien el área, ya que durante el proceso de soldadura se generan gases tóxicos y procurar respirar aire fresco cada 15 minutos si el trabajo es por un periodo de tiempo largo.
- Una vez terminado el trabajo, verificar que el área queda perfectamente limpia y libre de cualquier residuo de soldadura o material utilizado.
- Se debe evitar el uso de cadenas, pulseras, anillos, ropa holgada, pelo suelto que puedan generar un accidente de trabajo.
- Es importante mantener el orden en el lugar de trabajo, ya que el riesgo de lesiones se amplifica por estar involucrado un grupo mayor de personas. Se puede haber inspeccionado el equipo y haberlo encontrado bien, pero toda la precaución no tendrá importancia si, por ejemplo, un compañero tropieza con el cable y eso provoca lesiones por choque eléctrico, metal caliente o caída.
- Mantener todos los equipos, cables, mangueras, cilindros, etc., fuera de toda ruta de tránsito como puertas, pasillos y escaleras. Una buena práctica es limpiar la zona de trabajo cuando haya finalizado. Esto no sólo ayudará a protegerse y proteger a los demás; también facilita trabajar en forma eficiente.
- El equipo de soldar (autógena o eléctrica) debe ser devuelto a su sitio de almacenamiento para evitar posibles daños al equipo.
- Debido a la alta presión del gas de los cilindros, se debe respetar las normas de seguridad para su almacenamiento y uso. Se debe examinar los cilindros del mismo modo que el resto de los equipos; revisar la etiqueta del cilindro para asegurarse de que sea el gas protector adecuado

para el proceso, y verificar que los reguladores, mangueras y accesorios de conexión sean los correctos para ese gas y esa presión, y estén en buenas condiciones.
- Cuando se termine el trabajo colocar nuevamente el extintor en su sitio.

6. PERMISO DE TRABAJO

Por ser trabajo en caliente, es necesario implementar el permiso de trabajo seguro, el cual será diligenciado por el residente de obra y firmado por el trabajador que va a realizar la labor.

7. RIESGOS IDENTIFICADOS DURANTE LA LABOR

- Caídas a distinto nivel cuando se debe realizar montaje de piezas en altura (estructuras metálicas, reparaciones, etc.), trabajos sobre escaleras manuales.
- Caídas al mismo nivel por obstáculos en zonas de paso como cables, piezas, restos, etc.
- Caída de objetos en manipulación.
- Choques y golpe contra objetos por material almacenado inadecuadamente.
- Cortes, golpes con objetos y herramientas, proyección de fragmentos de partículas y atrapamientos por y entre objetos.
- Riesgo de incendio y explosión por el uso de gases inflamables.
- Inhalación de humos metálicos.
- Quemaduras en ojos y piel, por contacto con objetos calientes que se estén soldando, por proyección de partículas y chispas de metal fundido durante la operación.
- Riesgo eléctrico por utilización de equipo de soldadura eléctrica.
- Exposición a radiaciones no ionizantes por radiación ultravioleta infrarroja y visible, que pueden producir quemaduras, aceleran el envejecimiento e incrementan la probabilidad de desarrollar cáncer. De igual manera, puede producir pérdida de visión y cataratas.
- Exposición a ruido producto de equipos, compresores, máquinas, etc.
- Posturas inadecuadas por mantenimiento de posturas estáticas y/o forzadas.
- Por manipulación de cargas en el movimiento de piezas, equipos.

8. CAPACITACIÓN E INSTRUCCIÓN

A los trabajadores que vayan a realizar las actividades de soldadura se les deberá dar a conocer este procedimiento de trabajo seguro.

Indicar respecto a la obligatoriedad del diligenciamiento del permiso de trabajo, uso de elementos de protección personal, inspección de la zona antes de iniciar el trabajo, inspección de herramientas y equipos.

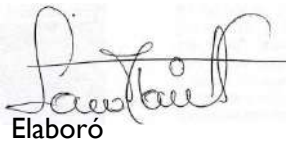
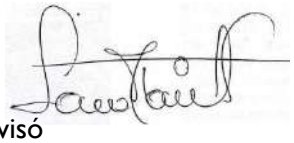
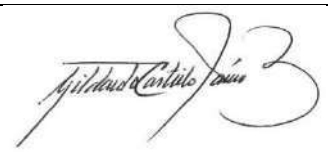
Este procedimiento deberá estar en el sitio de trabajo.

9. FORMATOS ASOCIADOS

F-SST-06 Permiso de trabajo seguro con soldadura.
F-GTH-05 Entrenamiento y capacitación.

PROCEDIMIENTO TRABAJO SEGURO CON SOLDADURA	GESTIÓN RURAL Y URBANA S.A.S
	PD-SST-10-VER-01

CONTROL DE CAMBIOS		
VERSION	**FECHA**	**MODIFICACIÓN**
00	16/03/2014	Edición
01	18/07/2018	Se ajustan los EPP a utilizar, prohibiciones y consecuencias que genera el uso de la herramienta. Se incluyen formatos asociados al procedimiento.

 Elaboró SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	 Revisó SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	 APROBO: Gildardo Castillo Sánchez Representante Legal

1. OBJETIVO

Establecer en GESTION RURAL Y URBANA SAS una práctica para presentar los requisitos mínimos de seguridad a tener en cuenta cuando se trabaja sobre instalaciones eléctricas de baja, media y alta tensión; así como en o alrededor de equipos diseñados para la generación, conversión, almacenaje, transmisión, transformación o utilización de la electricidad.

El Propósito de GESTION RURAL Y URBANA SAS. es evitar que se produzcan accidentes identificando los riesgos que se tienen por el mal manejo de la electricidad, para lo cual es necesario establecer e implementar procedimientos de trabajo seguro durante la realización de trabajos en equipos o elementos energizados con electricidad; así como generar elementos para promover en los trabajadores una cultura de autocuidado a través de la aplicación de normas de trabajo seguro.

2. ALCANCE

Este procedimiento aplica a todo el personal independiente de su forma de vinculación, que realice actividades de operación y/o mantenimiento de sistemas y aparatos eléctricos.

3. DEFINICIONES

a. **Equipo o Aparato:** Equipo diseñado para la generación, conversión, almacenaje, transmisión, transformación o utilización de electricidad.
b. **Alto Voltaje:** Normalmente excediendo el voltaje de 13.8 Kva. Es de responsabilidad de la Electrificadora, y no está cubierto en esta práctica.
c. **Medio Voltaje:** Normalmente excediendo el voltaje de 600 Vac hasta o 13.8 Kva entre conductores.
d. **Voltaje Bajo:** Normalmente no excediendo un voltaje máximo de 600 Vac.
e. **Aislamiento Eléctrico:** Desconectar sistema eléctrico "Interrupción Visible" de sus conexiones a las fuentes de tensión.
f. **Tierra:** Conectar a la masa general de tierra, de tal manera que asegure durante todo el tiempo, una descarga inmediata de energía eléctrica sin daño.
g. **Energizado:** Sistema cargado eléctricamente
h. **Desenergizado:** Significa en, o cerca de, cero voltaje y desconectado de cualquier sistema vivo.

4. ASPECTOS NORMATIVOS

- Ley 9 de 1979 Artículo 117. Todos los empleadores están obligados a:

Todos los equipos, herramientas, instalaciones y redes eléctricas deberán ser diseñados, construidos, instalados, mantenidos, accionados y señalizados de manera que se prevengan los riesgos de incendio y se evite el contacto con los elementos sometidos a tensión.

- Ley 9 de 1979 Artículo 118.

Los trabajadores que por naturaleza de sus labores puedan estar expuestos a riesgos eléctricos, serán dotados de materiales de trabajo y equipos de protección personal adecuados para prevenir tales riesgos.

- Norma Técnica Colombiana NTC 2050 o Código Eléctrico Colombiano.

Tiene como objetivo principal la salvaguardia de las personas y de los bienes, contra los riesgos que pueden surgir por el uso de a electricidad y se basa en estándares internacionales, tales como las normas IEC serie 50 (International Electrotechnical Commission) y la IEEE 100 (Institute of Electrical and Electronics Engineers).

- Ley 842 de 2003 Código de Ética Profesional aplicable a los ingenieros y profesionales afines y auxiliares.
- Leyes 51 de 1986, 19 de 1990 y 392 de 1997.

Reglamentarias del ejercicio profesional de las actividades relacionadas con la electricidad.

- Resolución No. 180398 de 2004

Por la cual se expide el Reglamento Técnico de Instalaciones Eléctricas (RETIE). Reglamenta y fija las condiciones técnicas que garantizan la seguridad en los procesos de generación, transmisión, transformación, distribución y utilización de la energía eléctrica en la República de Colombia.

5. RESPONSABILIDADES POR CARGO

5.1. GERENTE

- Asegurar que todos los empleados y contratistas tengan claridad suficiente sobre la seguridad eléctrica.
- Facilitar los recursos necesarios para disminuir la accidentalidad por causa del mal manejo de la electricidad.
- Velar porque se contraten personas calificadas técnica y legalmente competentes para ejecutar las actividades de diseño, construcción, remodelación o ampliación de la instalación eléctrica.
- Promover la implementación de este procedimiento de trabajo seguro y cumplimiento de las normas de seguridad al trabajar con electricidad.

5.2. INGENIERO RESIDENTE / DIRECTOR DE OBRA

- Contratar personas calificadas técnica y legalmente competentes para ejecutar las actividades de diseño, construcción, remodelación o ampliación de la instalación eléctrica.
- Es operacionalmente responsable de todo el equipo diseñado para la generación, conversión, almacenaje, transmisión, transformación o utilización de la electricidad instalada en la facilidad.
- Es el responsable de asegurarse que los empleados que trabajaban como parte del equipo hayan sido entrenados en sus responsabilidades individuales de trabajo, así como conocer los riesgos asociados al trabajo con la electricidad.
- Asegurarse que todos los equipos requeridos están en buenas condiciones y adecuados para los riesgos asociados.
- Asegurarse que se aplican prácticas y procedimientos aprobados.
- Reportar al Encargado del SGSST de GESTION RURAL Y URBANA SAS todo incidente y accidente que halla sido ocasionado por riesgo eléctrico.

5.3. RESPONSABLE SGSST

- Dar soporte y asesoría en los procesos de evaluación formal de riesgos y de aislamientos.
- Desarrollar programas de entrenamiento para hacer personas competentes en esta práctica.
- Evaluar la competencia de las personas señaladas para ejecutar aislamientos.
- Difundir las lecciones aprendidas pertinentes en toda la empresa.
- Dar soporte en las actividades de monitoreo del cumplimiento de esta guía.
- Programar entrenamientos de refresco para la manipulación y manejo de los equipos eléctricos.
- Validar que las acciones tomadas sean efectivas en la prevención y control de los factores de riesgo identificados en el panorama.
- Es responsable de que todas las personas involucradas en la operación de trabajo de los equipos de GESTION RURAL Y URBANA SAS estén familiarizados con este procedimiento.
- Verificar que todos los empleados que van a trabajar en la parte eléctrica hayan sido entrenados en caso de accidentes y que porten los elementos de protección personal.
- Realizar adecuado ATS y diligenciar el Permiso de Trabajo para Riesgo Eléctrico F-SST-42 00

5.4. TRABAJADORES Y/O CONTRATISTAS

Es obligación de los trabajadores:

- Conocer los riesgos que pueden encontrar mientras que trabajan con instalaciones y/o aparatos eléctricos.
- Cumplir lo dispuesto en este procedimiento de trabajo seguro.
- Mantener buena practica de orden y aseo en y alrededor del área de trabajo.
- Reportar cualquier condición peligrosa, acto inseguro así como los incidentes en las áreas donde halla equipos y herramientas eléctricas.
- Cumplir con las acciones preventivas y/o Correctivas arrojadas por las inspecciones mensuales.
- Participar en las actividades de entrenamiento y capacitación sobre manejo seguro de la electricidad que la compañía programe.

6. RIESGOS DE TRABAJO CON ELECTRICIDAD

La gran difusión industrial y doméstica de la corriente eléctrica, unida al hecho de que no es perceptible por los sentidos, hacen caer a las personas en una rutina, despreocupación y falta de prevención en su uso. Por otra parte dada su naturaleza y los efectos, muchas veces mortales, que ocasiona su paso por el cuerpo humano, hacen que la corriente eléctrica sea una fuente de accidentes de tal magnitud que no se deben regatear esfuerzos para lograr las máximas previsiones contra los riesgos eléctricos.

Peligros mortales:

- Muerte por fibrilación ventricular. Esta es una de las principales causas de los fallecimientos por contacto eléctrico. El paso de la corriente por el corazón es fulminante y acaba con la vida de los accidentados en la gran mayoría de los casos.
- Muerte por asfixia. Tiene lugar cuando la electricidad atraviesa el tórax e interrumpe la respiración de los afectados.

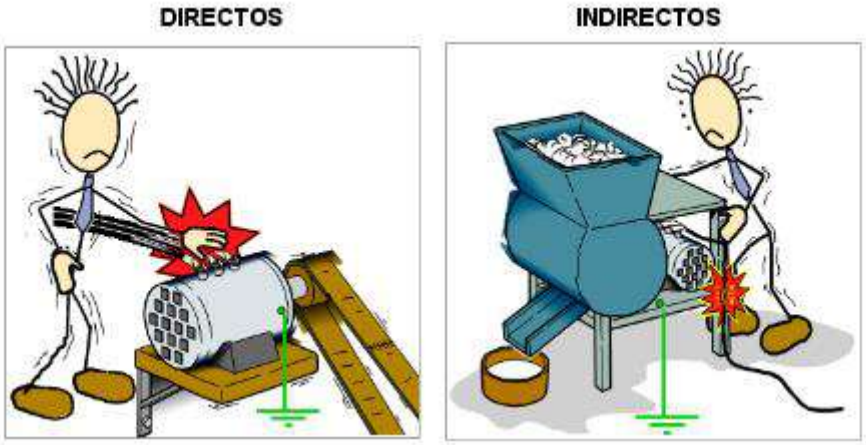
Peligros no mortales:

- Tetanización muscular. Se produce cuando el paso de la corriente por el cuerpo humano provoca fuertes contracciones musculares y agarrotamientos.
- Quemaduras. Una de las consecuencias más comunes son las quemaduras que producen las descargas eléctricas, se pueden dar casos leves y otros muy graves en los que las secuelas también pueden ocasionar la muerte.

La electricidad puede producir daños de cuatro modos:

- Choque eléctrico o electrocución: una descarga recorre el cuerpo: si es de sólo 10 miliamperios (mA) ya presenta algún peligro, y si es de 80 o 100, puede tener resultados fatales.
- También se pueden producir caídas con resultados mortales como consecuencia de una electrocución.
- Puede actuar como fuente de ignición para vapores inflamables o explosivos.
- Además, una sobrecarga de la red puede ser fuente de incendios.

TIPOS DE ACCIDENTES POR ELECTROCUCIÓN



*Fuente: Monografias.com. Riesgos electricos en el sector de la construccion.

Consecuencias de un choque eléctrico:

- Combustión de la ropa.
- Contracciones violentas: Caídas, rotura de huesos, golpes.
- Daños en órganos internos: Corazón, Pulmones, Riñones.
- Coágulos sanguíneos y derrames internos.
- Destrucción de nervios, tejidos y músculos.

6.1. Elementos principales que determinan el accidente eléctrico

- Descuido.
- Falta de conocimientos.
- Falta de habilidad.
- Capacidad física y/o psicológica inadecuada.
- Instalaciones peligrosas de forma permanente.
- Instalaciones con defectos temporales.
- Debidos a otra persona.

- Olvido de normas o peligro.
- Mantenimiento deficiente.
- Estándares deficientes de trabajo.
- Falta de supervisión.

7. DESCRIPCION DE LA ACTIVIDAD

SEGURIDAD ELECTRICA

7.1. Aislamientos Eléctricos

Consiste en desenergizar, desconectar y asegurar la parte del sistema eléctrico, lo cual tiene un requerimiento de "interrupción visible" de sus conexiones a las fuentes de tensión y tiene relación directa con el trabajo que se va a realizar.

Normas y Precauciones para Aislamiento Eléctrico:

- Solamente personal entrenado y con experiencia en electricidad, con juicio para aplicar los procedimientos pertinentes y que, además, esté certificado, podrá efectuar el aislamiento eléctrico.
- Todo aislamiento eléctrico deberá tener su candado instalado en el punto respectivo.
- Cuando varias disciplinas intervengan en un trabajo y estén relacionadas con el mismo aislamiento, cada disciplina deberá instalar su propio candado. La Autoridad de Área Local también deberá instalar su propio candado.
- Debe asegurarse que todos los suministros eléctricos asociados con aparatos eléctricos particulares, planta o equipo, se encuentren aislados, de tal manera, que se impida cualquier posibilidad de ser alimentado accidentalmente, o energizarlo inadvertidamente.
- Se deben instalar o adjuntar tarjetas con anuncio de advertencia o de peligro, en los puntos apropiados de aislamientos.
- Siempre y donde se requiera efectuar un trabajo que exponga a alguien a un riesgo, causado por maquinaria en movimiento, conductores eléctricos expuestos o que impliquen peligros en caso de aplicar energía motriz, estos aparatos se deberán aislar eficazmente de la fuente de energía antes de iniciar el trabajo.

Ninguna persona podrá realizar trabajo alguno, de cualquier descripción, incluyendo mantenimiento, reparaciones, limpieza y prueba de partes de los aparatos eléctricos los cuales se están normalmente utilizando antes de que:

- Se tenga un permiso de trabajo que respalde la actividad a desarrollar y también al aislamiento.
- Se aíslen y se hayan seguido los pasos prácticos para bloquear los conductores vivos y hayan sido colocados anuncios de advertencia.
- Las llaves de los candados de aislamiento se aseguren en un sistema de control de llaves, por el electricista competente y autorizado.
- Se aterricen efectivamente las partes eléctricas, como es requerido.
- Se aíslen en posición distante, cuando el aislamiento local no puede ser realizado para probar que el circuito está desenergizado.
- El arranque de los equipos deberá realizarse, solamente, después de la cancelación del permiso de trabajo.
- Se recomienda hacer ensayos de arranque de los equipos, teniendo en cuenta todo el ínter bloqueo posible, como última verificación de que se logró el aislamiento; esto debe ser realizado por eléctricos autorizados y competentes.

Todos los trabajos en equipos energizados deben estar respaldados por una evaluación de riesgos o Análisis de seguridad de la tarea en cuestión

TIPOS DE AISLAMIENTO

- ✓ **Aislamiento personal:**

Es permitido que un ejecutante realice sus propios aislamientos sin necesidad de llenar un certificado de confirmación de aislamiento si se cumplen todos los siguientes criterios:

- El trabajo debe ser aprobado como de rutina y bajo riesgo
- El trabajo es completado en el turno de quien ejecuta el trabajo
- Quien hace el aislamiento es certificado para hacer aislamientos locales
- La tarea es ejecutada por quien hace el aislamiento
- Se usa una tarjeta y candado personal para el aislamiento
- Si alguna de los criterios anteriores cambia el ejecutante debe levantar un aislamiento documentado (certificado de aislamiento).

- ✓ **Aislamiento documentado:**

Con certificado de confirmación de aislamiento. Este tipo de aislamiento se debe efectuar si cualquiera de los criterios de aislamiento personal no se cumplen.

PLANEACION *DEL AISLAMIENTO*

Los requerimientos de aislamiento de la planta y del equipo, se deben identificar inicialmente en el ciclo de la planeación del trabajo, de tal manera que se pueda asignar el tiempo adecuado para la preparación de los sistemas o equipos y evaluación de riesgos en caso de que se requiera.

- Llave para removerlo. Puede ser que se requieran dispositivos de inmovilización adicionales bajo ciertas circunstancias.
- Válvulas operadas eléctricamente deben ser físicamente desconectadas de la fuente eléctrica para ser consideradas como válvulas de aislamiento.
- A las válvulas de operación neumática e hidráulica que, por defecto, están cerradas, se les deberán aislar y desconectar físicamente las líneas de suministro.
- Válvulas operadas neumática ó hidráulicamente que fallan abiertas no deben ser consideradas para propósitos de aislamiento; si no hay alternativa práctica su uso debe ser sometido a una evaluación de riesgos aceptada por el gerente local.
- Todos los puntos de aislamiento deben ser identificados con tarjeta personal ó de aislamiento documentado con el número del certificado de aislamiento relacionado.
- Se deberá monitorear el desempeño de los mecanismos de aislamiento a intervalos regulares, para detectar fugas o deterioro causado por vibración o por perturbaciones (o cambios de presión aguas arriba). Dicho monitoreo puede implicar pruebas parciales de aislamientos por válvulas.

METODOS DE AISLAMIENTO

Los aislamientos de procesos y sistemas de servicios o equipos, pueden ser logrados mediante aislamiento positivo, o con válvulas. Este último es requerido para mantener contención, mientras que se está haciendo el aislamiento positivo. En cada punto de aislamiento se deberá aplicar el aislamiento de mayor calidad posible y será determinado por la severidad de los peligros. Los métodos de aislamiento, normalmente disponibles, se enumeran a continuación en orden decreciente de seguridad y efectividad.

7.2. Riesgo eléctrico en uso de equipos de soldadura eléctrica

Es un equipo de trabajo que consiste en un sistema de soldadura caracterizado porque el arco eléctrico generado salta entre la pieza que hay que soldar, conectada a uno de los polos de la fuente de energía, y un electrodo que se encuentra conectado al otro polo. El contacto eléctrico directo puede producirse en el circuito de alimentación por deficiencias de aislamiento en los cables flexibles o las conexiones a la red o a la máquina y en el circuito de soldadura cuando está en vacio (tensión superior a 50V). El contacto eléctrico indirecto puede producirse con la carcasa de la máquina por algún defecto de tensión.

Medidas preventivas:

El riesgo de electrocución en el manejo de este equipo de trabajo es muy importante por lo que se deben tener presentes una serie de medidas preventivas entre las que destacan:

- Equipo de soldar. La máquina de soldar puede protegerse mediante dos sistemas, uno electromecánico que consiste en introducir una resistencia en el primario del transformador de soldadura (resistencia de absorción) para limitar la tensión en el secundario cuando está en vacío y otro electrónico que se basa en limitar la tensión en el secundario del transformador introduciendo un TRIAC en el circuito primario del grupo de soldadura. En ambos casos se consigue una tensión de vacío de 24 V, considerada tensión de seguridad.

- Pinza portaelectrodos. La pinza debe ser adecuada al tipo de electrodo utilizado y que además sujete fuertemente los electrodos. Por otro lado, debe estar bien equilibrada por su cable y fijada al mismo de modo que mantenga un buen contacto. Así mismo, el aislamiento del cable no se debe estropear en el punto de empalme.

- Circuito de acometida. Los cables de alimentación deben de ser de la sección adecuada para no dar lugar a sobrecalentamientos. Su aislamiento será suficiente para una tensión nominal > 1000V. Los bornes de conexión de la máquina y la clavija deben de estar aislados.

- Circuito de soldadura. Los cables del circuito de soldadura al ser más largos deben protegerse contra proyecciones incandescentes, grasas, aceites, etc., para evitar arcos o circuitos irregulares.
- Carcasa. La carcasa debe conectarse a una toma de tierra asociada a un interruptor diferencial que corte la corriente de alimentación en caso de que se produzca una corriente de defecto.
- Se deberá vigilar periódicamente el estado de los cables.
- En trabajos en zona húmeda o mojada la tensión nominal de trabajo no podrá exceder de 50 V en corriente altera o 75 V en corriente continua.
- Si se trabaja con este equipo en zonas con riego especial de incendio, hay que prever la instalación de extintores.
- No se realizarán trabajos de soldadura en locales donde se almacenen materiales combustibles y/o inflamables, así como en el interior de contenedores depósitos o barriles mientas no hayan estado limpiados correctamente y desgasificados.
- No se debe trabajar en condiciones climatológicas adversas.
- Se deben hacer revisiones de mantenimiento a estos equipos.
- Se deben utilizar equipos de protección individual adecuados (pantallas, guantes, mandiles, etc.).

7.3. Riesgo eléctrico en uso de hormigonera eléctrica, sierra circular y tronzadora de material cerámico

La hormigonera es un equipo de trabajo que consiste en un depósito rotatorio donde se mezclan los ingredientes del hormigón: áridos de diferente granolumetría, cemento y agua.

La sierra circular se utiliza en el sector de la construcción para la fabricación de piezas, generalmente de madera, para su utilización en el proceso constructivo. Se trata de un equipo de trabajo muy utilizado por los encofradores y que, normalmente, se encuentra a la intemperie.

La tronzadora de material cerámico es un equipo de trabajo utilizado para cortar las diferentes piezas cerámicas que posteriormente se utilizarán en los cerramientos, y chapados de diferentes estructuras.

El riesgo eléctrico de estos equipos de trabajo deriva de que su alimentación es, generalmente, eléctrica y que en la realización durante su manejo están expuestos, directa o indirectamente, al contacto con el agua.

Medidas preventivas:

- Se evitarán la presencia de cables por el suelo con el fin de evitar su deterioro y un posterior contacto eléctrico directo por parte de los trabajadores.
- La conexión de la alimentación eléctrica debe hacerse con cable antihumedad.
- Se recomienda paralizar los trabajos en caso de lluvia y cubrir la máquina con material impermeable. Una vez finalizado el trabajo, colocarla en un lugar abrigado
- Se verificará, periódicamente, el correcto estado de la toma de tierra.
- Se conectarán todas las masas a tierra o se establecerá otra medida de protección adecuada para evitar los contactos eléctricos indirectos.

7.4. Riesgo eléctrico en uso de máquinas portátiles de alimentación eléctrica

En este apartado podríamos englobar, entre otras, las máquinas siguientes:

- Amoladora angular.
- Martillo electro neumático.
- Motosierra de cinta o de cadena.
- Pulidora.
- Cortadora de disco manual.
- Cortadora de pavimento eléctrica.

• Y en general cualquier otra máquina de alimentación eléctrica.

Medidas preventivas:

El objetivo es evitar que se puedan producir contactos con partes activas, es decir, con partes que normalmente están en tensión (contacto directo) o con partes que se han puesto en tensión accidentalmente, en general debido a un fallo de aislamiento (contacto indirecto).

- En todas las partes en tensión debe existir protección contra contactos directos, mediante alejamiento, interposición de obstáculos y aislamiento.
- Separación de circuitos, Empleo de pequeñas tensiones de seguridad, separación entre las partes activas y las masas accesibles por medio de aislamientos de protección.
- Se deberá tener especial atención al buen estado de funcionamiento de estas máquinas, por lo que deberán someterse a un correcto proceso de mantenimiento, realizándose de acuerdo con las instrucciones del fabricante.
- En el caso de trabajar con determinadas máquinas en espacios confinados húmedos o mojados, dichas maquinas serán de Clase II o sea de doble aislamiento.
- Deberá impartirse la necesaria y obligatoria información y formación a los trabajadores.

7.5. Recomendaciones de seguridad para instalaciones permanentes y provisionales

- Todas las instalaciones permanentes o provisionales deben dimensionarse y protegerse adecuadamente bajo las normas de seguridad y operación por los códigos eléctricos aplicables.
- Los tableros eléctricos y la acometida deben ser diseñados y construidos bajo las exigencias del ambiente y las condiciones de la intemperie para garantizar no sólo la seguridad de la instalación sino de su entorno.
- Los tableros eléctricos principales, secundarios y de distribución deberán cumplir con las condiciones de seguridad y las exigencias de la instalación durante las diversas fases de la obra, estarán conectados a tierra de acuerdo a las disposiciones normativas aplicables.
- El sistema de tableros y acometida eléctrica de distribución, deberá evitar el contacto y paso por zonas húmedas, procurando estar aislados del piso para el caso de los tableros y para el caso de instalaciones de cableado provisional. Estos deberán estar protegidos con un equipo extintor.
- Toda instalación deberá contar con el diseño aprobado, sus componentes certificados y dimensionados por personal competente de acuerdo a exigencias establecidas en el código eléctrico en cuanto a fusibles principales y de distribución, equipos e instalaciones de distribución, interruptores, tomas corrientes, instalaciones de puesta a tierra, etc.
- Siempre que sea posible, la instalación se realizará de forma aérea y para los casos en que sea necesario el contacto con el piso, el sistema de acometidas deberá ser encauchetado, resguardado y protegido; así como señalizado. Se recomienda sistema portacables a través de distribución de bandejas.

- De forma frecuente personal certificado y entrenado deberán inspeccionar las instalaciones temporales realizando mantenimientos regulares.
- Los toma corriente deberán estar instalados de acuerdo a las condiciones ambientales del lugar con el grado de protección adecuado y cumpliendo los mínimos requeridos por la norma.
- Todo sistema provisional deberá contar con la señalización eléctrica y seguridad exigida por la normatividad colombiana.

7.6. *Recomendaciones de seguridad para* operación

- Siempre que se ejecute una intervención a equipos alimentados de forma eléctrica, recuerde realizar el paso a paso de control de energías peligrosas (bloqueo y etiquetado) y verificar el sistema eléctrico a través de las **5 REGLAS DE ORO**, que son:



*Fuente: Alberto-gm.blogspot.com

- Trabaje en frío, no realice conexiones eléctricas ni cualquier tipo de intervención con sistemas energizados.
- Antes de cualquier intervención, se debe suponer que el sistema se encuentra energizado; verifique y realice el proceso de validación para demostrar lo contrario.

- Inspecciones de forma permanente y realice correcciones de las condiciones peligrosas del área de trabajo, por ejemplo: cables con aislamiento roto, enchufes sin o con el polo a tierra roto, electricidad estática, herramientas sin aislamiento, fusibles con puentes.
- Recuerde que toda herramienta eléctrica debe ser inspeccionada y valido su funcionamiento.
- No realice operaciones cerca de una fuente de electricidad, tableros y/o acometidas si usted y su vestuario, entorno o herramientas están húmedos.
- Verifique las condiciones ambientales del lugar de instalación de los equipos y sistemas de acometidas eléctricas, asegúrese que no existen atmósferas combustibles, polvos o vapores inflamables.
- Si la iluminación es deficiente, instale lámparas auxiliares de acuerdo al estándar eléctrico.
- No utilice accesorios como relojes, anillos, elementos metálicos, aretes, correas, cremalleras o cualquier otro tipo de elementos conductor o metálico cuando realice intervenciones en sistemas eléctricos.
- Todos los elementos de protección personal deberán ser de tipo dieléctrico, verifique que cumplan con las características de aislamiento necesarias.
- Herramientas y equipos de trabajo eléctrico, deberán ser aisladas y durante la operación se debe procurar no realizar contacto entre fases. Nunca trate de aislar herramientas con cintas, telas, espumas, etc. El aislamiento de los mangos debe ser diseñado de fábrica para una carga de corriente determinada.
- Debe conocer las condiciones de operación, voltaje y corriente y seleccionar las herramientas, equipos de medición y elementos de protección personal adecuados.
- Antes de realizar cualquier tipo de modificación a una acometida eléctrica o de realizar cualquier de instalación, verifique las condiciones y capacidades de diseño; recuerde que no debe sobrecargar los circuitos eléctricos con equipos de alta resistencia o con tomas múltiples.
- Equipos de trabajo tales como escaleras, deberán cumplir con las condiciones de aislamiento. No utilice escaleras metálicas cuando se van a afectar sistemas energizados o se encuentra cerca de estos (distancia de seguridad).
- Tenga en cuenta siempre que realice una intervención, las distancias de seguridad recomendadas por la normatividad vigente.
- No transporte tubos, regletas o escaleras metálicas en posición vertical, el metal puede hacer contacto con líneas aéreas energizadas. Verifique el área de desplazamiento antes de desplazarse.
- Recuerde que baja tensión NO es sinónimo de bajo riesgo eléctrico.
- Verifique en todo momento que los sistemas eléctricos se encuentren con sistemas de circuito de falla a tierra en todas las líneas eléctricas temporales y extensiones eléctricas.
- Cuando sea necesario accionar o manipular sistemas de control de energía eléctrica (tacos) ubíquese de lado y manipule con el brazo para evitar que, en caso de corto, genere afectación directa.
- Antes de cualquier intervención realice estudio de riesgos y verifique los planos y unifilares del sistema.
- En ocasiones es requerido el uso de mano de obra no especializada en electricidad; en tal caso se deberá realizar la evaluación de riesgos respectiva, junto con el dueño del área y el residente de obra, donde se determinarán los riesgos asociados a la tarea, los controles necesarios para garantizar la seguridad de la operación y se acordará el uso de elementos de

protección personal y colectivos, la señalización de las áreas de peligro, instalación de barreras, cercas o acordonamiento, trazo y disposición de caminos de acceso, tránsito de personas y vehículos; así como la evaluación de operaciones simultaneas.

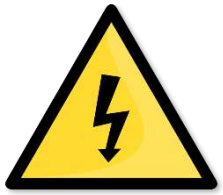
- Todo personal especializado en operaciones eléctricas, deberá conocer, estar entrenado y capacitado en el método de reanimación cardiopulmonar asistiendo a los cursos de primeros auxilios, recuerde que el conocimiento de este método puede salvar vidas.
- Se debe firmar el correspondiente permiso de trabajo de riesgo eléctrico establecido por la empresa y al cierre del mismo, se debe dejar el área en óptimas condiciones de orden y aseo.

8. SEÑALIZACIÓN Y DELIMITACION DE LA ZONA DE TRABAJO

Es la operación de indicar mediante carteles con frases o símbolos el mensaje que debe cumplirse para prevenir el riesgo de accidente. Se debe señalizar desde el inicio hasta el final de la actividad.

El área de trabajo debe ser delimitada por vallas, manilas o bandas reflectivas. En trabajos nocturnos se deben utilizar conos o vallas fluorescentes y además señales luminosas.

Cuando se trabaje sobre vías que no permitan el bloqueo del tránsito, se debe parquear el vehículo de la cuadrilla atrás del área de trabajo y señalizar en ambos lados de la vía.

	Señal de peligro de riesgo eléctrico, adecuada para indicar peligro por descarga eléctrica en cercanía de cuadros eléctricos, maquinaria, cableado, etc. Es de forma triangular, con pictograma de color negro sobre fondo amarillo.
	Uso obligatorio de elementos de protección personal riesgo eléctrico.

9. REQUISITOS PARA EL PERSONAL QUE REALIZA TRABAJO ELECTRICO

De acuerdo con lo establecido en el RETIE ARTICULO 10, numeral 10.1.1 Competencia de las personas naturales: El diseño, construcción, ampliación, modificación, remodelación e inspección de toda instalación eléctrica; así como la operación, mantenimiento y cualquier intervención o manipulación de la instalación o sus equipos debe ser dirigida, supervisada y ejecutada por personas técnica y legalmente competentes: Ingenieros electricistas, electromecánicos, de distribución y redes eléctricas. Tecnólogos en electricidad o en electromecánica, tecnólogos en sistemas eléctricos de media y baja tensión, tecnólogos en mantenimiento eléctrico; técnicos electricistas. Lo anterior, según aplique cada una de las obras.

Tener certificado de competencia laboral en trabajo en tensión expedido por una entidad acreditada por el ONAC (Organismo Nacional de Acreditación de Colombia).

Recibir formación, capacitación y entrenamiento en asuntos de seguridad y salud en el trabajo general y relacionada con el riesgo eléctrico.

Si se emplea personal no electricista el responsable del trabajo hará un reconocimiento del área donde se realizarán los trabajos y se dará capacitación frente a:

- Identificación e intervención de los peligros eléctricos.
- Medidas de seguridad que se adoptarán, tales como utilización de EPP y colectivos, señalización de áreas de peligro, instalación de barreras, cercas o acordonamiento.
- Informar sobre los peligros a los cuales va a estar expuesto y los controles respectivos, verificando su comprensión.

Recomendaciones médicas:

- No tener dispositivos metálicos implantados como marcapasos cardiacos, implantes ferromagnéticos y dispositivos electrónicos implantados.
- Tener examen médico de ingreso como apto para el trabajo a realizar.

10. EQUIPO DE SEGURIDAD A UTILIZAR

- Casco Dieléctrico.
- Guantes Dieléctricos.
- Botas de cuero Dieléctricas.
- Ropa de labor confeccionada en 100% algodón y sin accesorios metálicos.
- Alicates y herramientas aisladas.
- Gafas de seguridad.

11. ATENCION EN CASO DE EMERGENCIA

Recomendaciones a seguir en caso de electrocución.

	Cualquiera que sea la causa del accidente eléctrico, nunca toques al accidentado con las manos al desnudo a menos que estés absolutamente seguro de que no existe peligro para ti	
Tratamiento		1. Desconecta el aparato eléctrico supuestamente causante de la electrocución o extrae el fusible.
		2. Retira al accidentado del contacto eléctrico usando materiales no conductores tales como palos de madera, ropa seca, etc.
		3. Pide ayuda.
		4. Si la respiración y el pulso se han detenido, se DEBEN COMENZAR LAS TÉCNICAS DE REANIMACIÓN.

*Fuente http://www.cmfp-llodio.com/web/tpie/seguridad/seguridad_en_las_instalaciones_electrotcnicas.html

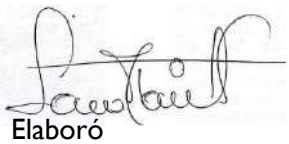
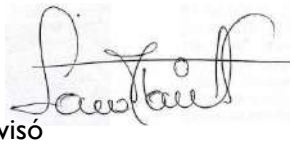
12. DOCUMENTOS RELACIONADOS

- Permiso de Trabajo para Riesgo Eléctrico F-SST-42 00

13. DOCUMENTOS CONSULTADOS

- ARL COLMENA. Construcción libre de riesgos. Guía para el trabajo seguro con riesgo eléctrico.
- FUNDACION PARA LA PREVENCIÓN DE RIESGOS LABORALES – FUNDACION LABORAL PARA LA CONSTRUCCIÓN. Criterios preventivos para trabajos con riesgo eléctrico en obras de construcción.

CONTROL DE CAMBIOS		
VERSION	**FECHA**	**MODIFICACIÓN**
00	20/03/2020	Edición

 Elaboró SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	 Revisó SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	 APROBO: Gildardo Castillo Sánchez Representante Legal

SISTEMA DE GESTION DE SEGURIDAD Y SALUD EN EL TRABAJO

PROGRAMA DE PREVENCIÓN Y PROTECCIÓN CONTRA CAÍDAS POR TRABAJOS EN ALTURAS

Versión 02

Asesorado por **ARL COLMENA**	**Revisó:** **SANDRA PATRICIA ABRIL S.** **Lic. SST 8863 de 22/09/2008** **Renovada Lic SST 14336 de 16/11/2018**	**Aprobó:** **GILDARDO CASTILLO SÁNCHEZ** **Representante legal**
Mayo 2023	**Mayo 2023**	**Mayo 2023**

PROGRAMA DE PREVENCIÓN Y PROTECCION CONTRA CAÍDAS POR TRABAJOS EN ALTURA	GRU SAS GESTIÓN RURAL Y URBANA SAS
	PG-SST-08 02

Introducción

Acorde a lo establecido en el marco legal de la Resolución 4272 de 2021 las actividades de trabajo en alturas son consideradas como una de las tareas de alto riesgo, acorde a las estadísticas de frecuencia y severidad en accidentalidad. El costo de un accidente de trabajo, que de por si es alto para la empresa en términos de productividad, imagen corporativa y credibilidad, se incrementa considerablemente en relación a la ocurrencia de accidentes por trabajos en altura, dadas las consecuencias posibles que este tipo de eventos.

El Programa de Protección Contra Caídas es una de las obligaciones que tiene el empleador enrelación con la preservación y el cuidado de la salud de sus trabajadores, con el fin de evitar accidentes de esta naturaleza.

Para la elaboración del programa de prevención y protección contra caídas, se tuvo en cuenta el inventario de tareas que se realizan con el riesgo de caer a una distancia de 2 metros o más sobre un nivel inferior y la identificación de riesgos para distancias menores tal cual se indica en la normatividad. Una vez identificadas las actividades se identificaron las medidas de seguridad que seimplementarán en cada uno de los proyectos.

La implementación del programa requiere del compromiso desde la alta dirección para la asignaciónde recursos, el apoyo de los líderes y coordinadores verificando que se cumplan cada una de las medidas de seguridad, la designación de un coordinador del programa de prevención y protección contra caídas para el seguimiento a las actividades, un coordinador y ayudante para avalar los permisos de trabajo y garantizar que las actividades se realicen de manera segura y de cada uno de los trabajadores o contratistas autorizados para realizar trabajos en altura cumpliendo con cada unade las normas establecidas en el presente documento.

GESTION RURAL Y URBANA SAS., con su gerente a la cabeza, es cada vez más consciente queel talento humano es su recurso más valioso y que se constituye en una parte fundamental de suproceso constructivo y urbanístico, por tanto ha realizado el presente PROGRAMA DE PREVENCIÓN Y PROTECCIÓN CONTRA CAÍDAS para trabajo seguro en alturas con el fin de diseñar y establecer las medidas de seguridad que se implementarán para realizar trabajos en altura, con el propósito de controlar los riesgos que se presenten en la ejecución de esta actividad.

En una actividad como son los trabajos en altura en donde el trabajador debe enfrentarse constantemente al riesgo de caída, se hace necesario implementar los más altos estándares de seguridad para desarrollar la actividad protegiendo al trabajador de todo riesgo.

Definiciones:

A continuación se relacionan los términos establecidos en la resolución 4272 de 2021:

Absorbedor de energía: Equipo que hace parte integral de un sistema de detención de caídas,cuya función es disminuir y limitar las fuerzas de impacto en el cuerpo del trabajador o en los puntos de anclaje en el momento de una caída.

Actividad o tarea no rutinaria: Actividad que no forma parte de la operación normal de la organización o actividad que la organización ha determinado como no rutinaria por su baja frecuencia de ejecución.

Actividad o tarea rutinaria: Actividad que forma parte de la operación normal de la organización, se ha planificado y es estandarizable.

Ayudante de seguridad: Trabajador autorizado, debidamente certificado, designado por el empleador para revisar las condiciones de seguridad en el sitio de trabajo y controlar el acceso a lasáreas de riesgo de caída de objetos o personas.

Certificación del proceso de capacitación y entrenamiento: Documento expedido por el oferente de capacitación y entrenamiento al final del proceso formativo en el que se da constanciaque una persona cursó y aprobó la capacitación y entrenamiento necesario para desempeñar una actividad laboral en TA. Este documento será propiedad del trabajador como constancia de los conocimientos, y desarrollado por el oferente.

Coordinador de trabajo en alturas: Trabajador designado por el empleador, capaz de identificar peligros en el sitio en donde se realiza trabajo en alturas, que tiene autorización para aplicar medidas correctivas inmediatas para controlar los riesgos asociados a dichos peligros. La designación del coordinador de TA no significa la creación de un nuevo cargo, ni aumento en la nómina de la empresa, esta función debe ser llevada a cabo por la persona designada por el empleador y puede ser ejecutada por supervisores o coordinadores de procesos, por el coordinador o ejecutor delSistema de Gestión de Seguridad y Salud en el Trabajo o cualquier otro trabajador que el empleadorconsidere adecuado para cumplir sus funciones.

Equipo certificado: Todo equipo utilizado en protección contra caídas, debe contar como mínimo con un certificado de conformidad de producto expedido por el fabricante.

Factor de seguridad: Número entero multiplicador mayor que uno (1) de la carga real aplicada a un elemento, para determinar la carga a utilizar en el diseño.

[1] https://safetya.co/wp-content/uploads/2022/01/resolucion-4272-de-2021.pdf

Máxima fuerza de detención, MFD: La máxima fuerza que puede soportar el trabajador sin sufrir una lesión, es 1.800 libras (8 kilo newtons — 816 kg).

Medidas activas de protección contra caídas: Son las que involucran la participación deltrabajador. Incluyen los siguientes componentes: punto de anclaje, mecanismos de anclaje, conectores, arnés de cuerpo completo y plan de rescate.

Medidas colectivas de prevención: Todas aquellas actividades dirigidas a informar o demarcar la zona de peligro y evitar una caída de alturas o ser lesionado por objetos que caigan. Estas medidas, previenen el acercamiento de los trabajadores o de terceros a las zonas de peligro de caídas de personas o de objetos; sirven como barreras informativas y corresponden a medidas de control en el medio.

Medidas de prevención contra caídas: Conjunto de acciones individuales o colectivas que se implementan para advertir o evitar la caída de personas y objetos cuando se realizan trabajos en alturas y forman parte de las medidas de control. Dentro de las medidas de prevención contra caídas de trabajo en alturas están la capacitación, los procedimientos, el entrenamiento, la aptitud psicofísica, la vigilancia en salud laboral, los sistemas de ingeniería para prevención de caídas, medidas colectivas de prevención, permiso de trabajo en alturas, listas de chequeo, los análisis de peligros yotros que el administrador del programa o el coordinador de trabajo en alturas establezca comonecesarios para aumentar la efectividad del programa y la eficacia de los controles.

Medidas pasivas de protección contra caídas: Están diseñadas para detener o capturar altrabajador en el trayecto de su caída, sin permitir impacto contra estructuras o elementos, requieren poca o ninguna intervención del trabajador que realiza el trabajo.

Permiso de trabajo en alturas: Mecanismo administrativo que, mediante la verificación y control previo de todos los aspectos relacionados en la presente resolución, tiene como objeto fomentar laprevención durante la realización de trabajos en alturas.

Persona calificada: Según las disposiciones establecidas en la Ley 400 de 1997 relacionado con los profesionales a cargo o la norma que la modifique o sustituya.

Programa de prevención y protección contra caídas en alturas: Es la planeación, organización, ejecución y evaluación de las actividades identificadas por el empleador como necesarias de implementar en los sitios de trabajo en forma integral e interdisciplinaria, para prevenir la ocurrencia de accidentes y enfermedades laborales por trabajo en alturas y llegado el caso las medidas de protección implementadas para detener la caída una vez ocurra o mitigar sus consecuencias.

Requerimiento de claridad o espacio libre de caída: Distancia vertical requerida por untrabajador en caso de una caída, para evitar que este impacte contra el suelo o contra un obstáculo.

El requerimiento de claridad dependerá principalmente de la configuración del sistema de detención de caídas utilizado.

Sistemas de protección de caídas: Sistema con un conjunto de elementos, anclajes y/o equipos certificados,

que el empleador dispone para que el trabajador autorizado use para su protección ante una caída y el cual garantiza que reduce las fuerzas sobre el cuerpo al máximo permitido yaprobado por una persona calificada. En ningún momento, el estándar internacional puede ser menosexigente que el nacional.

Trabajador autorizado: Trabajador que ha sido designado por la organización para realizar trabajos en alturas, cuya salud fue evaluada y se le consideró apto para trabajo en alturas y que posee la constancia de capacitación y entrenamiento de trabajo en alturas o el certificado de competencialaboral para trabajo en alturas.

Trabajo en alturas: Toda actividad que realiza un trabajador que ocasione la suspensión y/o desplazamiento, en el que se vea expuesto a un riesgo de caída, mayor a 2.0 metros, con relación del plano de los pies del trabajador al plano horizontal inferior más cercano a él.

Marco Normativo

Para el presente documento se define el siguiente marco normativo legal:

NORMA	AÑO	TITULO
Resolución 4272	2021	Por la cual se establecen los requisitos mínimos de seguridad para el desarrollo de trabajo enalturas.
Resolución 2346	2007	Por la cual se regula la práctica de evaluaciones médicas ocupacionalesy el manejo y contenido de las historias clínicas ocupacionales.
Resolución 1918	2009	Por la cual se Modifican los artículos 11 y 17 de la Resolución 2346 de2007 y se dictan otras disposiciones.
Decreto 723	2013	Por el cual se reglamenta la afiliación al Sistema General de Riesgos Laborales de las personas vinculadas a través de un contrato formal de prestación de servicios con entidades o instituciones públicas o privadas y de los trabajadores independientes que laboren en actividades de alto riesgo y se dictan otras disposiciones.
Decreto 1072	2015	Por medio del cual se expide el Decreto Único Reglamentario delSector Trabajo

Normas Técnicas:

NORMA	TITULO
ANSI Z359.1	Requisitos de Seguridad para los Sistemas Personales, Subsistemas y Componentes para Detención de Caídas
ANSI Z359.2	Requisitos Mínimos para un Programa Administrado Completo de Protección Contra Caídas.
ANSI Z359.3	Requisitos de Seguridad para Sistemas de Posicionamiento y Restricción de desplazamiento.

ANSI Z359.4	Requisitos de Seguridad para Sistemas, Subsistemas y Componentes para Rescate Asistido y Auto-rescate
ANSI Z359.6	Especificaciones y requisitos de diseño de sistemas de protección activa de caídas
ANSI Z359.7	Calificación y prueba de verificación de los productos de protección contra caídas
ANSI Z359.11	Arneses.
ANSI Z359.12	Conexión de componentes para sistemas personales de detención de caídas
ANSI Z359.13	Adsorbentes personales de energía y eslingas adsorbentes de energía
ANSI Z359.15	Líneas de vida verticales.
OSHA 29 CFR 1926	Subparte M Protección Contra Caídas
OSHA 29 CFR 1926	Subparte L Andamios.
OSHA 29 CFR 1926	Subparte X Escaleras.

1. OBJETIVOS

1.1. Objetivo general

Prevenir y proteger a trabajadores, contratistas y subcontratistas de los peligros y riesgos de las caídas a diferente nivel durante el desarrollo de trabajos en alturas o aquellos que implique el acceso y/o desplazamiento a 2 metros o más sobre un nivel inferior, mediante la implementación de medidas de prevención y protección determinadas en el presente programa.

1.2. Objetivos Específicos

- Establecer el inventario de actividades realizadas para trabajo seguro en altura.
- Reconocer los diferentes sistemas y elementos de protección personal con los que cuenta la empresa.
- Definir las medidas preventivas y de protección para el trabajo en alturas.
- Cumplir con la normatividad en seguridad para protección contra caídas en trabajo en alturas.

2. ALCANCE

Aplica para todo trabajo que tenga riesgo de caída de alturas a partir de 2 metros o sobre un nivel inferior, en todos los centros de trabajo (oficinas, obras) de GESTION RURAL Y URBANA SAS.

3. RESPONSABILIDADES

RESPONSABILIDADES GERENCIA:

- Asegurar la disponibilidad de los recursos necesarios (humano, tecnológico y financiero) para el funcionamiento y óptimo desarrollo del Programa.
- Garantizar el cumplimiento de los requisitos legales en materia de Seguridad y Salud en el trabajo aplicables al trabajo en alturas en la empresa.
- Disponer de un administrador del programa de TA, coordinador de trabajo en alturas, de trabajadores autorizados en el nivel requerido y de ser necesario, un ayudante de seguridad según corresponda a la tarea a realizarse; lo cual no significa la creación de nuevos cargos sino la designación de trabajadores a estas funciones.
- Garantizar que el suministro de equipos, la capacitación y el reentrenamiento, incluido el tiempo para recibir estos dos últimos, no generen costo alguno para el trabajador.
- Garantizar la operatividad de un programa de inspección, conforme a las disposiciones del SG SST de la empresa.

RESPONSABILIDADES DEL ADMINISTRADOR DEL PROGRAMA DE PREVENCIÓN Y PROTECCIÓN CONTRA CAÍDAS - PROFESIONAL SST:

- Diseñar, administrar y asegurar el programa de prevención y protección contra caídas
- Asegurar la adopción de medidas eficaces que garanticen la participación de todos los trabajadores de la empresa en el desarrollo del Programa.
- Garantizar que los sistemas y equipos de protección contra caídas adquiridos por la empresa cumplan con los requerimientos de seguridad exigidos.
- Garantizar la aplicación de todos los procedimientos requeridos para el desarrollo del Programa de Prevención y Protección Contra Caídas.
- Socializar e implementar el Programa de Prevención y Protección Contra Caídas en la empresa.
- Garantizar que el personal que realiza trabajos en alturas cuente con el examen médico de aptitud física que lo habilita para tal fin.
- Asegurar que se investiguen los incidentes y accidentes de trabajo en alturas, tomando las medidas del caso para evitar su repetición.
- Indicar acciones correctivas para mejorar aspectos débiles identificados en el programa de prevención y protección contra caídas.
- Asegurar la aplicación de la normatividad vigente establecida para trabajo en alturas.
- Dar cumplimiento a los indicadores propuestos en el Programa de Prevención y Protección Contra Caídas.
- Asegurar que los trabajadores, contratistas cumplan con los requisitos exigidos en el Programa de Prevención y Protección Contra Caídas.
- Mantener actualizado el Programa de Prevención y Protección Contra Caídas.
- Identificar las actividades y personal que realiza trabajo en alturas en la empresa.

- Velar por el cumplimiento de las responsabilidades establecidas en el Programa de Prevención y Protección Contra Caídas y hacer las recomendaciones necesarias para contribuir a la minimización de los riesgos de actividades que se desarrollen en alturas.
- Realizar inspecciones con el fin de garantizar el funcionamiento de los equipos y sistemas de protección contra caídas, por parte de una persona calificada y/o competente por medio de visitas no programadas de forma aleatoria a las actividades que desarrollan los trabajadores que realizan trabajo en altura y hacen parte de este programa para verificar y evaluar las condiciones de su desarrollo.
- Reportar a su respectiva ARL, el nombre, documento de identidad de los trabajadores reentrenados, fecha del reentrenamiento y el oferente de capacitación y entrenamiento.
- Solicitar la documentación correspondiente al personal autorizado, certificación de equipos y demás documentos de soporte técnico utilizados para trabajo en alturas:

  a) Programa de prevención y protección contra caídas.
  b) Certificación de equipos y mecanismos de acceso.
  c) Certificado del personal responsable de las operaciones, coordinador para trabajo seguro en alturas.
  d) Procedimientos de operación segura, actividades y mecanismos de acceso. (Ats o Permiso de trabajo en alturas)
  e) Plan de emergencias, técnicas de rescate, recursos y personal entrenado para tal fin.
  f) Otros según se consideren necesarios para garantizar la seguridad en la operación.

RESPONSABILIDADES PERSONA CALIFICADA:

- Calcular resistencia de materiales, diseñar, analizar, evaluar, autorizar puntos de anclaje y/o estructuras para protección contra caídas.

RESPONSABILIDADES DEL COORDINADOR DE TRABAJO SEGURO EN ALTURAS:

- Identificar peligros en el sitio en donde se realiza trabajo en alturas.
- Aplicar medidas correctivas inmediatas para controlar los riesgos. asociados a dichos peligros.
- Verificar que la seguridad social se encuentre vigente.
- Identificar y verificar las condiciones de seguridad de trabajos en altura, para garantizar medidas preventivas en la labor a desarrollar.
- Diligenciar el Permiso de Trabajo en Alturas, análisis de trabajo seguro, preoperacionales de equipos y sistemas de acceso
- Realizar actividades generales de control de riesgos de trabajo en alturas.
- Implementar medidas de prevención y protección contra caídas para trabajo en alturas de acuerdo con la tarea a realizar y normatividad vigente.
- Verificar el funcionamiento de los equipos y sistemas de protección contra caídas y de cualquier condición que pueda afectar la seguridad del personal que ejecuta la actividad en alturas
- Verificar la instalación segura de líneas de vida y de trabajo.

- Verificar la compatibilidad de los componentes del sistema de protección contra caídas.
- Inspeccionar los sistemas de acceso para trabajo seguro en alturas.
- Inspeccionar y avalar el montaje y operación de todo sistema de acceso para trabajo enalturas y de los sistemas de prevención y protección contra caídas.
- Recibir el reporte de daño o deterioro de los sistemas de prevención y protección contracaídas.
- Garantizar el montaje y buen funcionamiento de los sistemas de acceso que seanseleccionados para realizar las actividades de trabajo en alturas.
- Seleccionar los sistemas de protección contra caídas de acuerdo a los riesgos valorados por el mismo, antes de iniciar las actividades de alturas.
- Asignar un ayudante de seguridad para trabajos en altura

RESPONSABILIDADES DEL AYUDANTE DE TRABAJOS EN ALTURA:

- Es el encargado de hacer cumplir que se mantengan las condiciones de seguridad en elsitio de trabajo para controlar el las áreas de riesgo de caída de objetos o personas.
- Identificar y verificar las condiciones de seguridad de trabajos en altura, para garantizar medidas preventivas en la labor a desarrollar.
- Realizar actividades generales de control de riesgos de trabajo en alturas.
- Implementar medidas de prevención y protección contra caídas para trabajo en alturas deacuerdo con la tarea a realizar y normatividad vigente.
- Inspeccionar áreas en las que se ejecutaran las actividades.
- Reportar al coordinador de trabajo en alturas el daño o deterioro de sistemas de ingeniería, equipos, medidas de prevención o protección empleadas en el trabajo en alturas.
- Dar aviso de cualquier situación de emergencia, según plan de rescate.

RESPONSABILIDADES DE LOS TRABAJADORES Y CONTRATISTAS QUEREALIZAN TRABAJOS EN ALTURA:

- Cumplir todos los lineamientos establecidos en el Programa de Prevención y Protección Contra Caídas
- Verificar que la seguridad social se encuentre vigente.
- Presentar copia de los certificados para trabajo en alturas.
- Asistir y aprobar a las capacitaciones y reentrenamientos programados
- Realizar reentrenamiento obligatorio, contando 365 días a partir del certificado inmediatamente anterior.
- Presentar los exámenes médicos de la evaluación de las condiciones de aptitud psicofísica necesarias para realizar trabajos en alturas no mayor a un año y los mismos se deben renovaren el mismo tiempo contado a partir del primer certificado o examen.
- Participar en la elaboración y el diligenciamiento del Permiso de Trabajo en Alturas, Análisis de Seguridad en el Trabajo y preoperacionales de equipos y sistemas de acceso.
- Atender las indicaciones del Coordinador de Trabajo en Alturas.

- Utilizar las medidas de prevención y protección contra caídas que sean implementadas.
- Conocer los Planes de Rescate de cada procedimiento donde se realice trabajo en alturas.
- Utilizar, dar buen uso y mantenimiento a los elementos de protección personal y equipos de protección contra caídas que la empresa le suministre.
- Reportar al Coordinador de Trabajo en Alturas el deterioro o daño de los sistemas individuales o colectivos de prevención y protección contra caídas.
- Detectar condiciones y prácticas inseguras en los trabajos de alturas e informar inmediatamente al supervisor o jefe inmediato, y tomar acción inmediata si el caso lo amerita.
- Reportar los incidentes, accidentes de trabajo, actos y/o condiciones inseguras relacionadoscon el trabajo en alturas.
- Participar en la investigación de los incidentes y accidentes de trabajo.
- Participar activamente en las actividades de formación, capacitación o entrenamiento determinadas por la para el desarrollo de trabajo seguro en alturas.
- Informar al Supervisor, coordinador de alturas o Jefe Inmediato las restricciones médicas derivadas por enfermedades comunes o laborales que justifique la no realización de la laborantes de iniciar cualquier tipo de trabajo en alturas.
- Cumplir con todos los parámetros, normas, reglamentos y procedimientos de seguridad y salud en el trabajo establecidos por empresa, asumiendo un papel activo para su propia protección.
- Cumplir con el desarrollo de verificaciones e inspecciones de seguridad que el área de
- Seguridad y Salud en el Trabajo debe ejercer sobre los elementos de protección personal ydesarrollo de trabajo en condiciones seguras.
- Conocer los peligros y controles que se han definido para realizar el trabajo en altura, así como las acciones requeridas en caso de emergencia.
- Garantizar su seguridad y salud y la de otras personas que puedan verse afectadas por sus actos u omisiones en el trabajo.

RESPONSABILIDADES DE LOS LÍDERES DE PROCESO:

- Suministrar, en el sitio, todos los elementos de protección personal, sistemas de acceso, equipos de prevención y protección contra caídas y demás que sean necesarios para ejecutar los trabajos en altura, en cantidad suficiente.
- Conservar las medidas de prevención, los sistemas de acceso y las medidas de protección en buenas condiciones de almacenamiento, orden y aseo.
- Constatar que los equipos y sistemas a utilizar para la prevención y protección contra caídas sean inspeccionados y que se les realice los respectivos mantenimientos al menos una vez al año, o con la periodicidad indicada por el fabricante.
- Planear las actividades con trabajo en altura de manera anticipada para facilitar el alistamiento oportuno de todas las medidas necesarias.
- Informar oportunamente al área de SST si se identifica la necesidad de realizar alguna actualización o ajuste en los procedimientos de trabajo en altura. En ningún caso los jefes de área o líderes de proceso deben cambiar los procedimientos de seguridad por cuenta propia.

RESPONSABILIDADES DEL ÁREA DE COMPRAS:

- Conocer el programa de prevención y protección contra caídas en alturas de la empresa y los requerimientos frente a equipos.
- Conocer y dar cumplimiento a todos y cada uno de los requerimientos y anexos en SST referentes a trabajo en alturas exigidos en el manual de contratistas.

- Solicitar la documentación correspondiente a los proveedores: certificación de equipos en la compra y en inspección de los mismos.

RESPONSABILIDADES DE LA BRIGADA DE EMERGENCIAS:

- Incluir dentro del Plan de prevención, preparación y respuesta ante emergencias, procedimientos operativos para las emergencias que se puedan presentar durante los trabajos en altura, especialmente para rescate en alturas; así mismo, incluir los respectivos elementos, equipos y sistemas necesarios para llevarlos a cabo.
- Incluir dentro del programa de capacitación y entrenamiento de la brigada, sesiones específicas relacionadas con el manejo de las emergencias que se puedan presentar durante los trabajos en altura.
- Realizar prácticas y simulacros específicos para los procedimientos operativos relacionados con la atención de emergencias que se puedan presentar durante las actividades en altura y documentarlos.

4. MARCO CONCEPTUAL

Un programa de prevención y protección define las medidas de seguridad requeridas para realizar un trabajo en alturas de manera segura. Dentro de controles de seguridad se incluyen medidas en la fuente, medio e individuo de los peligros identificados para las actividades a realizar, el marco normativo define la siguiente clasificación:

- **MEDIDAS DE PREVENCIÓN CONTRA CAÍDAS EN ALTURAS**
  - Capacitación y entrenamiento
  - Sistemas de ingeniería para prevención de caídas
  - Medidas colectivas de prevención
  - Procedimientos
  - Permiso de trabajo en alturas y Análisis de trabajo seguro

- **SISTEMAS DE ACCESO Y DE TRABAJO**
  - Sistemas de acceso para trabajo en alturas
  - Escaleras verticales fijas
  - Uso de estructuras modulares de acceso para trabajo en alturas
  - Trabajo en suspensión

- **OTROS SISTEMAS**
  - Sistemas de restricción
  - Sistemas de posicionamiento

- **MEDIDAS DE PROTECCIÓN CONTRA CAÍDAS EN ALTURAS**
  - Medidas de protección contra caídas en alturas
  - Elementos de protección personal para trabajo en alturas
  - Medidas para evitar la caída de objetos
  - Plan de emergencias

A continuación, se mencionan los principios generales del trabajo en alturas:

El trabajo en alturas está considerado como de alto riesgo debido a que en las estadísticas nacionales, es una de las primeras causas de accidentalidad y de muerte en el trabajo, muchos son los accidentes fatales ocurridos a personas cuyo trabajo se desarrolla en alturas, y todos se hubieran podido evitar aplicando la planeación, organización, ejecución, control y evaluación de actividades para su intervención, haciendo uso adecuado de los elementos de protección personal y cumpliendo con lasnormas de seguridad.

Se entenderá por trabajo en alturas, toda labor o desplazamiento que se realicea 2 metros o más sobre un nivel inferior. De este modo, la Resolución 4272 de 2021, expedida por el Ministerio de Trabajo mediante la cual se establecen "los requisitos mínimos de seguridad para el desarrollo de trabajo en alturas"; por tanto, este se debe evidenciar en la adopción de un Programa deprevención y protección contra caídas en alturas inmerso en el Sistema de Gestión de la Seguridad y Salud en el Trabajo (SGSST).

A continuación, se mencionaran aspectos relevantes tomados de la guía de prevención Seguridad realizada por Osalan, en la cual se menciona que"Síndrome de Compresión También conocido como síndrome orto estático o de aplastamiento, esun conjunto de síntomas que aparecen cuando una persona está colgada durante un periodo largo de tiempo de un arnés. Las cintas del mismo actúan como torniquete impidiendo total o parcialmente el paso de sangre con oxígeno a las extremidades. Si una persona queda suspendida inmóvil en un arnés, la presión de este puede contribuir a un flujo sanguíneo insuficiente en algunaspartes del cuerpo generándose toxinas. Cuando la sangre vuelve al torrente sanguíneo y a órganos vitales como los riñones, se produce un fallo renal, con posibilidad de posterior fallo cardiaco o unfallo cardiaco directo debidos a las toxinas".



Imagen tomada de guía de prevención Seguridad en trabajos en altura realizado por Osalan

Factor de Caída: Sirve para determinar la gravedad de una caída. Se calcula dividiendo la altura de la caída entre la longitud de la cuerda o cinta del sistema de sujeción disponible para repartir la fuerzade choque de la caída. Se calcula mediante la siguiente ecuación: Factor de caída = Altura de la caída/ Longitud de la cuerda o cinta del sistema.

Cuando en un trabajo nos encontramos con un factor decaída alto, seleccionaremos el mejor mecanismo para reducirlo como pueden ser los cabos deanclaje con absorbedores de energía.

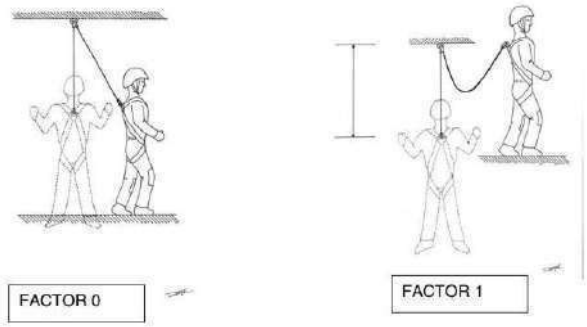


Imagen tomada de guía de prevención Seguridad en trabajos en altura realizado por Osalan

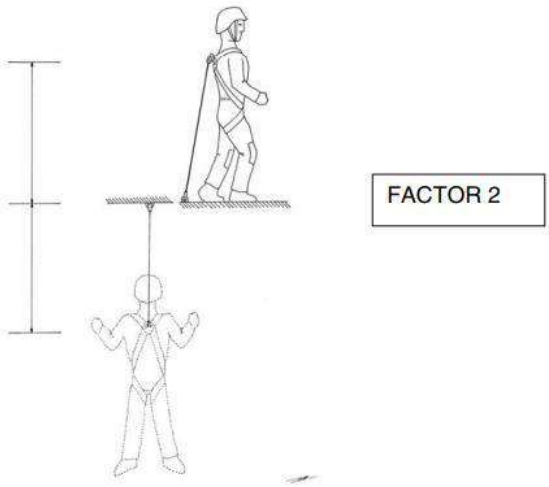


Imagen tomada de guía de prevención Seguridad en trabajos en altura realizado por Osalan

Efecto Péndulo: Cuando trabajamos lejos del punto de anclaje, la posible caída no se desarrollará demanera vertical sino que tendrá una trayectoria circular, describiendo un péndulo donde el punto de giro será el anclaje al que nos encontramos amarrados. Por tanto, tendremos que vigilar los posibles obstáculos que se encuentren en nuestra trayectoria de caída y no en nuestra vertical.

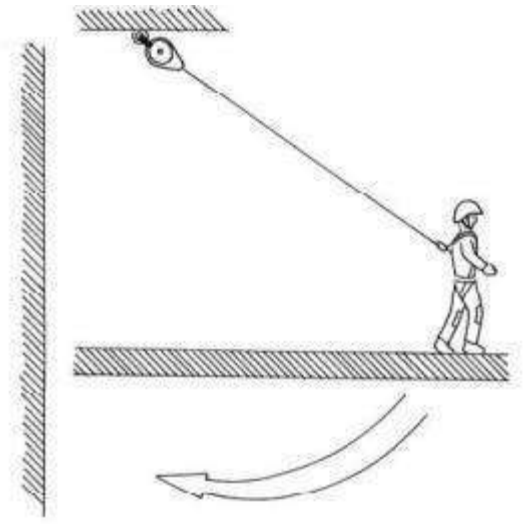


Imagen tomada de guía de prevención Seguridad en trabajos en altura realizado por Osalan

Distancia Libre de Caída: Al producirse una caída y ponerse en acción los diferentes sistemas deseguridad que hemos utilizado (cuerdas anudadas, cabos de anclaje con absorbedores ...) se produce generalmente un despliegue de éstos que se traduce en una elongación del sistema general. Cuando planifiquemos la seguridad de un trabajo en altura tendremos que tener en cuenta este alargamiento para evitar golpear contra el suelo. La distancia libre de caída es la

altura mínima que debe tener un sistema para evitar llegar al suelo en caso de un accidente.

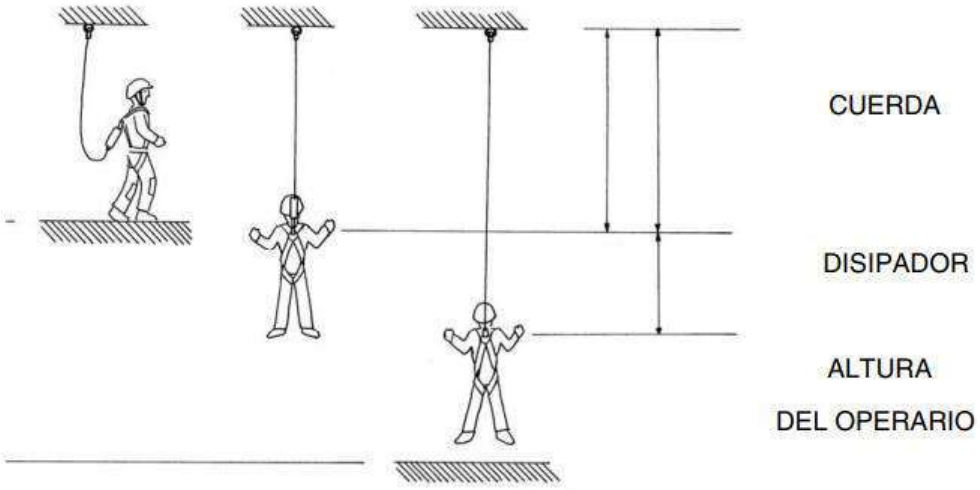
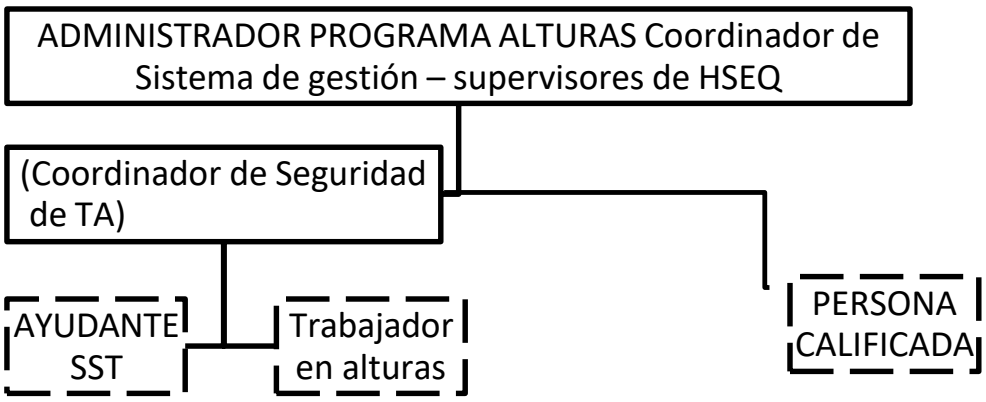


Imagen tomada de guía de prevención Seguridad en trabajos en altura realizado por Osalan

5. ORGANIGRAMA PARA TRABAJOS EN ALTURA

Con base en lo establecido en la Resolución 4272 de 2021, la cadena de mando por obra, en relación con las responsabilidades en la implementación y ejecución del Programa de Protección Contra Caídas, en términos de Seguridad y Salud en el Trabajo, se presenta a continuación:



6. MEDIDAS DE PREVENCIÓN

A continuación, se definen las medidas preventivas y de protección tanto colectivas como individuales, se definen los lineamientos para uso seguro de sistemas de acceso para trabajo en alturas, y se definen los aspectos a tener en cuenta para desarrollar la planificación del Programa ysu correspondiente seguimiento y control.

6.1. MEDIDAS PREVENTIVAS INDIVIDUALES

El primer paso a realizar el control del riesgo de tareas de trabajo en alturas es identificar las tareas a ejecutar acorde a las diferentes áreas de la operación, si corresponden a ser rutinarias o norutinarias y quien las ejecuta, con el fin de establecer los mecanismos de control en las mismas.

El inventario de tareas en alturas se relaciona en el Anexo 1.

6.1.1. Identificación de peligros evaluación y valoración de los riesgos

Para la identificación de los peligros en los trabajos en alturas se implementarán las siguientes herramientas:

- Inspecciones de seguridad.
- Matriz de peligros y riesgos.
- Listas de chequeo.
- Análisis de trabajo seguro.
- Permisos de trabajo.

Se cuenta con la matriz de peligros y riesgos basado en la metodología GTC 45 última versión, en la que se identifican los peligros de trabajo en altura, los controles y el nivelde riesgo para cada una de las actividades.

Cada proyecto constructivo desarrollará y contará con esta identificación de peligros, valoración del riesgo y determinación de los controles en la fase de planeación y a medida que se inicien dichas labores en obra serán divulgadas y socializadas en los comités de obra y/o comités paritarios de SSTde cada obra.

6.1.2. Capacitación y Entrenamiento

Las capacitaciones para trabajo seguro en alturas, deben realizarse en los centros de capacitación yentrenamiento debidamente autorizados y que cumplan con lo establecido en la resolución 4272 del2021, por el Ministerio de Trabajo.

Las personas objeto de los programas de capacitación para trabajo seguro en alturas son:

CLASIFICACIÓN	CURSO REQUERIDO				
	COORDINADOR DE TRABAJO EN ALTURAS Intensidad horaria: 80 Horas	**TRABAJADOR AUTORIZADO Intensidad horaria: 32 Horas**	**JEFES DE ÁREA Intensidad horaria: 8 Horas**	**CURSO ARMADO DE ANDAMIOS**	**CURSO RESCATE EN ALTURAS**
Coordinador de trabajo en alturas	X			X	
Ayudante de trabajo seguro en alturas		X			
Trabajador en alturas		X		X	
Jefe inmediato			X		
Rescatistas en alturas					X

Los diferentes niveles de formación que requieran reentrenamiento se deben desarrollar conforme a las indicaciones de la norma de trabajo en alturas en Colombia, que para el caso de la empresa se desarrollaran siempre que se cumplan los siguientes aspectos:

* Cuando un trabajador se vincule nuevo a la empresa o proyecto.
* Cuando cambien las condiciones técnicas o tecnológicas o condiciones laborales del trabajador.
* Como medida de actualización luego de 18 meses, siempre que las condiciones de trabajo en alturas se hayan mantenido o no se haya cambiado de actividad.

6.1.3. Estado de Salud del Trabajador

Se evaluará las condiciones de aptitud psicofísicas del trabajador para desempeñar en forma eficientesu labor sin causar perjuicio a su salud o la de terceros, de tal forma que se pueda establecer la competencia para realizar trabajo en altura. Este tipo de evaluaciones se desarrollaran con base en el profesiograma de la empresa, que detalla los exámenes requeridos según el rol de trabajador de alturas; producto de este proceso se generará un concepto para ejecutar la labor de alturas o en su defecto recomendaciones médicas ocupacionales, sobre las cuales se realizará seguimiento a su evolución.

No podrán realizar trabajo en alturas los menores de edad, las mujeres en cualquier tiempo degestación y toda persona que presente cualquier restricción temporal o permanente asociada en el concepto que emite el médico especialista en SST.

6.1.4. Control de acceso

Los sistemas de acceso deberán contar la tarjeta que autoriza o desautoriza el uso del sistema de acceso como se ilustra a continuación:

TARJETA ROJA PROHIBICION NO USAR	TARJETA AMARILLA EN ARMADO O DESARMADO	TARJETA VERDE PUEDE UTILIZARSE
NO UTILIZAR ESTE SISTEMADE ACCESO ¡ALÉJESE ! PELIGRO	SISTEMA EN ETAPA DE ARMADO O DESARMADO PRECAUCIÓN	SISTEMA APTO
SE PROHIBE EL USO DE ESTESISTEMA	PRECAUCIÓN	ESTE SISTEMA ESTA ENOPTIMAS CONDICIONES

6.1.5.Control en superficies con huecos o aberturas

Cuando se identifique superficies con huecos o aperturas se deberá instalar protecciones y señalización en el área del peligro y podrá utilizarse materiales que tengan resistencia suficiente para soportar el peso de los trabajadores que transitan en el área. Se deberá garantizar que el material instalado para proteger la caída de objetos o personas no tenga superficies cortantes opunzantes que generen un peligro adicional a la actividad.

6.1.6.Manejo desniveles

Para controlar desniveles que pueden generar caídas, tropezones o resbalones, se deberá instalar plataformas para toda la superficie donde se presenta el peligro y deberá verificarse si es necesario la instalación de barandas y pasamanos para áreas que presentan riesgo de caída en los extremos de desniveles

6.1.7.Ayudante de seguridad

Se podrá asignar un ayudante de seguridad como medidas complementariasa las medidas anteriormente enunciadas, con el fin de ayudar a advertir y controlar los peligros y riesgos que se identifiquen en el sitio donde se desarrollen trabajo en alturas.

6.1.8.Supervisor HSEQ persona competente

Cada proyecto contara con Supervisor HSEQ competente en trabajo en alturas que se desempeñaracomo líder de

seguridad y realizara las actividades que se describen a continuación y que esteprograma contemple:

- Documentar la identificación de peligros, valoración del riesgo y determinación de loscontroles.
- Realizar Inspecciones de las condiciones de trabajo relacionadas con trabajo en alturas
- Autoridad para aplicar medidas correctivas que considere necesarias incluyendo ladetención de actividades.

Para garantizar la identificación oportuna de las condiciones y actos inseguros, se realizarán inspecciones rutinarias de seguridad específicas de acuerdo a los sistemas utilizados para trabajo enalturas (Inspecciones trabajo en alturas) a cargo de la persona competente en cada proyecto y verificación por parte del encargado de Seguridad y Salud en el Trabajo.

Nota: Además de las inspecciones rutinarias de los procedimientos seguros de trabajo en alturas se hace seguimiento específico de acuerdo a los sistemas utilizados para trabajo en alturas en cadauno de estos.

6.2. MEDIDAS COLECTIVAS DE PREVENCIÓN

6.2.1. Delimitación y Señalización del Área de Trabajo

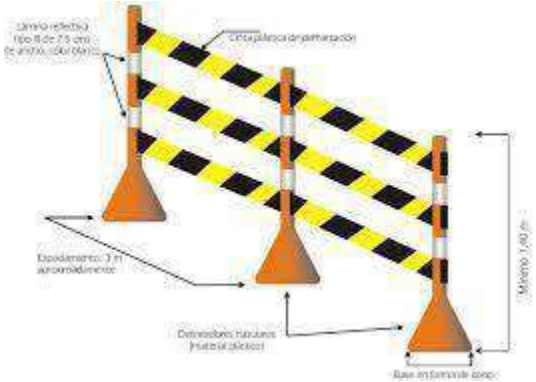
Antes de iniciar cualquier labor de trabajo en alturas, el trabajador debe realizar la demarcación dela zona de peligro del área de trabajo mediante el uso de malla de protección, o guaya con cinta deseñalización de color amarillo y negro combinados y conos de señalización.

De igual forma se debe colocar en el sitio de operaciones la señalización temporal informativa que advierta el peligro de caída de personas u objetos.

Las medidas colectivas que adopta la empresa son:

- Borde de placa en edificaciones se instala barrera, línea de vida, delimitación señalización y cinta amarilla.

- Demarcación con cinta de señalización del perímetro con riesgo de caída de objetos:



- Señalización que indique trabajos en altura y riesgo de caída de objetos:



- Barandas: Medidas de prevención constituida por estructura que se utiliza como medida informativa y/o de restricción. Pueden ser portátil o fija también, ser permanente o temporales según la tarea que se desarrolle. Las barandas fijas siempre deben quedar ancladas a la estructura propia del área de trabajo en alturas.

Las barandas deben ser de material con características de agarre, libre de riesgos cortantes o punzantes. Cuando las barandas sean utilizadas como medida de restricción, deben ser fijas. El material y disposición de las barandas, debe asegurar la protección indicada en la presente resolución.

Las barandas nunca deben ser usadas como puntos de anclajes para detención de caídas, ni para izarcargas.

Cuando en una superficie en donde se camina y/o trabaja, se determine instalar barandas, estas deben colocarse a lo largo del borde que presenta el peligro de caída de personas y objetos.

Las barandas pueden ser reemplazadas por cualquier otro sistema que garantice las condiciones estructurales y de seguridad establecidas en esta resolución.

6.3. PROCEDIMIENTOS DE TRABAJO SEGURO

Para realizar las actividades de manera segura se contará con los procedimientos seguros para el trabajo en alturas documentados, los cuales se divulgan en los procesos de capacitación y entrenamiento de conformidad con los riesgos asociados al trabajo en alturas, con sus respectivas listas de chequeo rutinarias. Estos procedimientos deben ser revisados y ajustados cuando cambien las condiciones de trabajo, ocurra algún incidente o accidente, se modifiquen las normas que puedan afectar a los mismos y/o los indicadores de gestión así lo definan.

En caso que se realice cambio de personal, materiales, sitio y equipos de trabajo o se realicen laboresno rutinarias se documentará y socializara el procedimiento antes de comenzar la labor.

Si se va a realizar una actividad que no esté contemplada en estos procedimientos, se deberá formular el procedimiento respectivo.

En el Anexo 2 se adjuntan los procedimientos de trabajo seguro.

6.4. PERMISO DE TRABAJO EN ALTURAS Y ANÁLISIS DE TRABAJO

SEGURO

Todos los trabajadores deben diligenciar en el formato de permiso de trabajo seguro en alturas, este permiso de trabajo debe ser diligenciado y firmado en el sitio de trabajo por el Coordinador de Trabajo en Alturas, ingeniero residente y el trabajador, una vez verificados y aprobados los aspectos y condiciones de seguridad para la ejecución de la actividad antes de iniciar actividades. Mediante este formato se verificarán las principales condiciones de seguridad que debe cumplir el personal, instalaciones y sistemas de prevención y protección contra caídas.

En compañía del permiso para trabajos en alturas se debe diligenciar el análisis de trabajo seguro, que permite establecer los pasos para desarrollar el trabajo estableciendo peligros riesgos de cada uno de estos y determinando los controles específicos que previenen o protegen al trabajador frente a la materialización del riesgo.

El procedimiento para la realización del permiso de trabajo será el siguiente:

PASOS	DESCRIPCIÓN	RESPONSABLE
Informar detalles de la actividad	Informa los detalles y la necesidad de realizar la actividad que involucra trabajo en altura al trabajador y coordinador de trabajo en alturas, inspector de seguridad y salud en el trabajo o coordinador de SST	Jefe inmediato
Verificación instalación puntos de anclaje	Verifican que se encuentren instalados puntos de anclaje o se cuente con sistemas de acceso avalados en el área y que los elementos de protección personal y sistemas de prevención y protección contra caídas se encuentran en buen estado	Coordinador de trabajo en alturas y Supervisor HSEQ
Verificación puntos de anclaje	Calcular resistencia de materiales, diseñar, analizar, evaluar, autorizar puntos de anclaje y/o estructuras para protección contra caídas.	Persona calificada

Planificación, Identificación de peligros y riesgos, análisis de trabajo seguro	Revisan los detalles técnicos de la actividad, verifican las condiciones de tiempo y clima e identifican los peligros, riesgos y controles a implementar mediante la lista de chequeo anexa al permiso de trabajo y diligencian el análisis de trabajo seguro	Trabajador Coordinador de trabajos en altura
Permiso de trabajo en alturas	Diligencian el permiso de trabajo seguro para la actividada realizar e identifican que se cumplan con todas las normasde seguridad y aprueban elpermiso con nombre y firma El cierre permiso de trabajodebe ser realizado al finalizar elúltimo día de vigencia	Trabajador Coordinador de trabajos en altura
	La revalidación se realizará cuando existan cambios de turno, cambios decoordinador, cambios de trabajadores autorizados, cambios de autoridades que validen el permiso, cambios de las condiciones iniciales del trabajo. Para lo anterior se deberá realizar un nuevo permiso de trabajo en la que se establezcan las nuevas condiciones	Trabajador Coordinador de trabajos en altura
	Para la cancelación, suspensión se dejará la observación y se aprobará mediante el nombre y firma de los responsables.	Trabajador Coordinador de trabajos en altura
	Verifica que el permiso de trabajo se encuentra diligenciado correctamente y que se cumple con las normas de seguridad y aprueban el permiso con nombre y firma	Jefe inmediato

Inspección de seguridad	Verifica que las condiciones de seguridad de las actividades realizadas en altura se mantengan e informa cualquier hallazgo al trabajador e implementa planes de acción inmediatos	Supervisor HSEQ Coordinador de SST Coordinador de trabajos en altura

En el Anexo 3 se adjuntan los formatos: Permiso de trabajo y ATS.

7. SISTEMAS DE ACCESO PARA TRABAJO EN ALTURAS

Para el acceso a niveles superiores en la edificación se utilizará las escaleras, andamios colgantes, multidireccionales, sistemas de suspensión certificados, inspeccionados y autorizados. Todo sistemade acceso para trabajo en alturas y sus componentes, debe cumplir las siguientes condiciones orequisitos para su selección y uso:

1. Deben ser certificados acordes al estándar específico aplicable para el sistema de acceso seleccionado y el fabricante debe proveer información en español, sobre las principales características del sistema, un manual y/o catálogo de partes con sus características de ingeniería, recomendaciones de almacenamiento, mantenimiento, inspección y medidas de seguridad en su arme y desarme (cuando aplique), uso y operación.
2. Ser inspeccionados debidamente conforme a lo regulado en el Decreto 1072 de 2015 o la norma que lo modifique o sustituya.
3. Los sistemas elevadores de personas, deben ser inspeccionados mínimo una vez al año por una persona avalada por el fabricante o una persona calificada conforme a lasrecomendaciones del fabricante o las normas nacionales o internacionales vigentes.
4. Si existen no conformidades, el sistema debe retirarse de servicio y enviarse a mantenimiento (si aplica) por parte del fabricante o de una persona avalada por el fabricante o que el mantenimiento sea aprobado por una persona calificada, o eliminarse si no admitemantenimiento.
5. Ser seleccionados de acuerdo con las necesidades específicas de la actividad económica, la tarea a desarrollar y los peligros identificados por el responsable del SGSST, el administrador del programa de prevención y protección contra caídas y/o el coordinador de trabajo en alturas.
6. Ser compatibles entre sí, en tamaño, figura, materiales, forma, diámetro y estas características deben ser avaladas por el coordinador de trabajo en alturas y en caso dedudas, deben ser aprobados por una persona calificada o por una persona avalada por el(los) fabricantes.
7. Todo sistema de acceso debe garantizar la resistencia en todos sus componentes a las cargascon un factor de seguridad, que garantice la seguridad de la operación, de acuerdo con la máxima fuerza a soportar, cumpliendo con los criterios mínimos de auto estabilidad y autosoportabilidad, acorde con los requisitos establecidos por el fabricante o en las normasnacionales y/o internacionales, incluyendo protección por corrosión o desgaste por sustancias o elementos que deterioren la estructura del mismo.
8. En el caso de sistemas suspendidos por cables (andamios o canastas para transporte depersonal), del tipo eléctrico, neumático o manual, lo correspondiente a cables, conectores, poleas, y cualquier otro componente del sistema, debe ser certificado, o hacer parte originalde un sistema de andamios certificado

y/o, contar con diseños de ingeniería. El equipo y suspartes deben garantizar un factor de seguridad que garantice la seguridad de la operación, en caso de dudas, estos sistemas deben ser aprobados por una persona calificada.

9. En el caso de sistemas suspendidos por cables (andamios o canastas para transporte depersonal), del tipo eléctrico, neumático o manual, los contrapesos usados deben ser instalados acorde a los manuales del fabricante y/o contar con diseños de ingeniería aprobados por una persona calificada, en caso de plataformas que no usen contrapesos, el sistema de soporte debe contar con diseños de ingeniería aprobados por una persona calificada.
10. Se debe tener una hoja de vida de los equipos elevadores de personas, escaleras, y andamiosen los cuales sus partes cuentan con un solo diseño, donde estén consignados como mínimolos datos de: marca, serial, fecha de fabricación, tiempo de vida útil, historial de uso, registros de inspección, registros de mantenimiento, ficha técnica, certificación del fabricante y observaciones. En sistemas de acceso que se encuentren por partes, donde no es posible tener hojas de vida, y el empleador los usa en diferentes configuraciones, se deben tener identificadas las partes de diferentes marcas y/o referencias y mantener los registros de inspección. En sistemas de acceso alquilados el proveedor debe suministrar esta información para la trazabilidad de su uso e inspecciones durante el uso por parte del tenedor.
11. El mantenimiento de los sistemas de acceso, deberá ser realizado de acuerdo con las especificaciones del fabricante y registrados en la hoja de vida del equipo.
12. El montaje y operación de todo sistema de acceso para trabajo en alturas, debe garantizar una distancia segura entre este y las líneas o equipos eléctricos energizados de acuerdo al Reglamento Técnico de Instalaciones Eléctricas – RETIE.
13. El montaje y/u operación de toda estructura de acceso para trabajo en alturas, será inspeccionado por el coordinador de trabajo en alturas conforme a las instrucciones dadas por el fabricante o una persona calificada, atendiendo las normas nacionales o en su defecto las internacionales y de acuerdo con las disposiciones de prevención y protección establecidas en la presente resolución, su armado deberá cumplir con las condiciones técnicas y de seguridad con previa capacitación y certificación de armado expedida por el fabricante.
14. Los trabajos en suspensión deben ser realizados utilizando una silla para trabajo en alturas, que esté conectada a la argolla del arnés indicada por el fabricante y al sistema de descenso certificado. Todos los componentes del sistema de acceso por cuerdas, sistemas de ascenso, descenso y posicionamiento pre armados o motorizados deben estar certificados de acuerdo con las normas nacionales o internacionales aplicables. Adicionalmente, el trabajador estará asegurado a un segundo sistema de seguridad (ejemplo un sistema de línea de vida verticalportátil), instalado con un anclaje independiente.

8. OTROS SISTEMAS

8.1. SISTEMAS DE POSICIONAMIENTO

Los conectores de posicionamiento tienen la finalidad de permitir que el trabajador se ubique en unpunto específico a desarrollar su labor, evitando que la caída libre sea de más de 60 cm y debenestar certificados. Los conectores de posicionamiento deben tener una resistencia mínima de 5.000libras (22,2 kilo newtons — 2.272 kg). El anclaje o estructuras capaces de soportar una fuerza mínima de 3.000 libras por persona conectada (13,3 kilo newtons — 1.356 kgf)

Cuando los riesgos de caída están presentes, los sistemas de posicionamiento serán usados enconjunto con sistemas personales de detención de caídas anclados independientemente.

8.2. SISTEMAS DE RESTRICCIÓN

Los conectores para restricción de caídas tienen como función asegurar al trabajador a un punto deanclaje sin permitir que este se acerque a menos de 60 cm de un borde desprotegido. Estos conectores deben tener una resistencia mínima de 5.000 libras (22,2 kilo newtons —2.272 kg) ydebe ser certificado. El anclaje para los sistemas de restricción debe soportar una fuerza mínima de 1.000 libras por persona conectada (4,5 kilo newtons — 459 kgf).

9. SISTEMAS DE PROTECCIÓN CONTRA CAÍDAS

Todo sistema y/o equipo sometido a una caída debe ser retirado de la operación y no podrá volver a ser utilizado hasta que sea avalado por el fabricante o por una persona calificada.

Los elementos o equipos de los sistemas de protección contra caídas deben ser certificados y compatibles entre sí en tamaño, figura, materiales, forma, diámetro.

9.1. RECOMENDACIONES SOBRE EL CUIDADO DE CADA UNO DE LOS SISTEMAS DE PREVENCIÓN Y PROTECCIÓN CONTRA CAÍDAS

A continuación, se mencionan las recomendaciones para el cuidado de los sistemas para trabajaren altura:

- Leer las instrucciones y advertencias contenidas en cualquier sistema de protección contra caídas (Ver manual del fabricante).
- La vida útil y el alto desempeño de un elemento o parte de un sistema de protección anticaídas dependen de mantenimiento e inspección adecuada.
- Solo deben ser usados elementos compatibles, asegurar la compatibilidad de los componentes del sistema de protección contra caídas; para ello debe evaluar o probarcompletamente si el cambio o

modificación de un sistema cumple con el estándar a travésde una persona competente o calificado.

10. MEDIDAS DE PROTECCIÓN CONTRA CAIDAS

10.1. MEDIDAS ACTIVAS DE PROTECCIÓN

Como medidas activas de protección contra caídas se cuenta con los puntos y/o mecanismos deanclaje con los que debe contar a borde de placa de la edificación, los anclajes fijos y portátiles, líneas de vida verticales, eslinga en Y con absorbedor de impacto, los conectores, y arnés. Los elementoso equipos de los sistemas de protección contra caídas deben ser compatibles entre sí, en tamaño, figura, materiales, forma, diámetro y deben estar certificados conforme a las normas nacionales o internacionales pertinentes para el trabajo a realizar y tener hoja de vida.

A continuación, se mencionan los sistemas de protección personal contra caídas:

Arnés, Eslinga en Y con absorbedor de energía, anclaje portátil, mosquetones, eslinga de posicionamiento, línea de vida, freno o arrestador de caída para cuerda.









Los puntos de anclaje y líneas de vida que no cuenten con certificación deben ser diseñados por persona calificada.

PUNTOS DE ANCLAJE

Las líneas de vida Sistemas de protección contra caídas, son ancladas en un punto superior a la zona de labor para realizar desplazamiento vertical (ascenso/descenso). Deberán cumplir con losiguiente:

a. Líneas de vida horizontales fijas:

- Deben ser diseñadas y aprobadas en su instalación por una persona calificada la cual debe considerar para su diseño un factor de seguridad nomenor que dos (2) en todos sus componentes y podrán o no contar con sistemas absorbentes de energía de acuerdo con los cálculos de ingeniería. Cuando se trate de líneasde vida horizontales fijas, el instalador deberá contar con el aval del fabricante.
- Deben contar con deslizadores como: anillos, poleas, carros, u otros sistemas certificados definidos por el fabricante o diseñador para conectar ganchos, mosquetones u otros dispositivos de conexión de los equipos de restricción y/o detención de caídas. En su selección y uso se considerará su aplicabilidad teniendo en cuenta los requerimientos de claridad descritos por el fabricante.
- En el diseño de líneas de vida horizontales, se debe asegurar que no se supere la resistencia de la estructura.
- El cable a emplear para líneas de vida horizontales, debe ser en acero con alma de acero de diámetro nominal igual o mayor a 5/16″ (7,9 mm). En caso de tener líneas de vida temporales, pueden ser en acero con alma de acero y diámetro nominal igual o mayor a 5/16″ (7,9 mm), o ser en materiales sintéticos que cumplan con la resistencia mínima de 5.000 lb (22,2 kilo newtons — 2.272 kg) por persona conectada.
- Si la línea de vida horizontal fija es instalada en un ambiente donde pueda ser afectada por corrosión, el empleador debe garantizar como mínimo una revisión anual conforme con las condiciones y recomendaciones establecidas por el fabricante.
- El sistema será diseñado por una persona calificada, y deben ser instaladas por una persona avalada por el fabricante.
- Para proteger la línea de vida y la estructura (punto de anclaje), la persona calificada debeconsiderar si se requiere o no un absorbedor de energía en estos casos, su longitud posterior a la activación debe ser tenida en cuenta en los cálculos del requerimiento declaridad.
- Los sistemas de riel deben ser certificados por el fabricante o la persona calificada que lo diseña;

b. Línea de vida horizontal portátil:

- Cuando la persona calificada determine que se requiere dentro del diseño el uso de absorbedor de energía, podrá ser instalado por un trabajador autorizado, conforme a las recomendaciones del fabricante.
- Sus componentes deben estar certificados;
- Debe ser instalada entre puntos de anclaje que cumplan con la resistencia mínima indicada por el fabricante acorde al número de usuarios permitidos en la línea;

- No debe ser sobretensionada, y máximo se pueden conectar dos personas a la misma línea.

c. Líneas de vida verticales:

Son sistemas certificados anticaídas, fabricados en materialescon resistencia mínima de 5.000 lb (22,2 kilo newtons — 2.272 kg) por persona conectada,y que, debidamente anclados en un punto superior a la zona de labor, protegen al trabajador en su desplazamiento vertical (ascenso/descenso). La línea de vida vertical fija debe cumplir con lo siguiente:

- Se instalan en estructuras donde el ascenso vertical debe ser protegido y este es el mecanismo seleccionado.
- Deberán contar con puntos intermedios según recomendaciones del fabricante y la persona calificada.
- Cuando la persona calificada determine que se requiere dentro del diseño el uso de absorbedor de impacto para evitar sobrecargar en el anclaje que puede estar en el sistema,en el arrestador de caídas o en ambos.
- El o los puntos de fijación del sistema en la parte superior deben cumplir con las especificaciones de carga y tensión definidos por el fabricante.
- El sistema será diseñado por una persona calificada, y deben ser instaladas por una persona avalada por el fabricante.

d. Línea de vida vertical portátil:

- Deben ser en cable de acero de diámetro nominal entre 5/16" (7,9 mm) a 3/8" (9,5mm) o de cuerda entre 11 mm y 16 mm que cumplan con la resistencia mínima de 5.000 lb (22,2 kilo newtons — 2.272 kg).
- Las líneas de vida en cuerda no deben tener nudos en el extremo de su anclaje.
- Sus componentes deben estar certificados, y
- Deben ser instaladas en anclajes (puede ser uno o más de uno) que permitan laresistencia.

Recomendaciones de almacenamiento y limpieza:

- Almacenar en un lugar limpio, alejado de la lluvia y el sol.
- Los equipos se deben guardarse colgados.
- Las áreas de almacenamiento deben estar limpias, secas y libres de la exposición de humos elementos corrosivos.
- Evite las áreas donde haya calor, vapores, o cualquier otro agente nocivo.
- El equipo que este dañado o que requiera mantenimiento no deberá ser guardado en la misma área que el equipo en perfectas condiciones.
- En cuerdas o reatas remueva todas las superficies sucias con un trapo o esponja empapada en una solución de agua y jabón comercial o detergente con pH neutro. Enjabónelo con un vigoroso movimiento de

adelante hacia atrás, luego secarlo con un trapo seco. Mantener libre de polvo y lejos de calor excesivo y de la luz del sol. El elemento se seca sin exposición al sol o calores excesivos, vapor o periodos prolongados de luz solar. No se debe utilizar ningún tipo de solvente en la limpieza de reatas o cuerdas.

- En el caso de los herrajes después de cada uso retire los excesos de polvo o contaminantes. La acumulación de estos puede generar falla en el desempeño de seguros o resortes.
- Los ganchos pueden ser limpiados con detergente suave o desinfectado con un jabón desinfectante suave, esta limpieza se debe realizar para retirar la acumulación de polvo o pintura. Los mecanismos de los seguros pueden ser lubricados con un aceite para propósitosgenerales después de la limpieza.
- La limpieza y lubricación deben llevarse a cabo después de cada uso cuando se utilice en ambientes donde estén expuestos a sustancias corrosivas o contaminación con pinturas que pueden generar trabas en los seguros. Se debe almacenar en ambientes secos evitando vapores corrosivos o sustancias químicas.
- Evite golpear los elementos metálicos, deformaciones o daños generar deformaciones que evitan un adecuado funcionamiento. Todo sistema y/o equipo sometido a una caída debe ser retirado de la operación y no podrá volver a ser utilizado hasta que sea avalado por el fabricante o por una persona calificada



En el anexo 4 se adjunta formato de hoja de vida.

10.2. MEDIDAS PASIVAS DE PROTECCIÓN

Todos los componentes del sistema de red de seguridad deben estar certificados por sus fabricantes,y en conjunto deben ser capaces de soportar el impacto de la caída. Deben ser diseñados por una persona calificada y deben ser instalados, inspeccionados, mantenidos y aprobados por una personacalificada o una persona avalada por el fabricante. Todo sistema de red de seguridad debe tener una hoja de vida en donde estén consignados los datos de: fecha de fabricación, usos anteriores, registros de inspecciones, certificaciones y registros de pruebas en la obra, antes de ponerlo en funcionamiento.

10.3. MEDIDAS PARA PREVENIR CAÍDAS DE OBJETOS

Para prevenir la caída accidental de materiales en espacios vacíos como ascensores, terrazas se instalarán protecciones para evitar la caída de objetos a niveles inferiores. Todos los trabajadores deben llevar porta

herramientas.

10.4. ELEMENTOS DE PROTECCIÓN PERSONAL PARA TRABAJO EN ALTURAS

Como mecanismos para el control de los equipos y EPP se realizará:

- Registro inspección pre uso.
- Ficha técnica.
- Certificado de conformidad.

Los elementos mínimos de protección personal para trabajo en alturas con los que deben contar quienes realicen estas tareas son:

ELEMENTOS DE PROTECCION PERSONAL	NORMA	CARACTERISTICAS
Guantes	Estándares dela CEE e ISO 9002	Personal que se encuentra en alturas: Flexibles, Resistencia a corte, abrasión o pinchazos,
Casco con barbuquejo	ANSI Z-89.1 de 2003	Casco de seguridad (fecha de fabricación no mayor a 8 años y que presente buen estado al momento de chequearlo). Casco Tipo II. Barbuquejo con mínimo 3 puntos de anclaje. Peso no mayor a 295gr. Sistema ajuste al diámetro de la cabeza tipo ratchet.
Gafas de seguridad	ANSI Z-87.1 de 1989	Gafas de seguridad o cualquier otro elemento protector de ojos y cara (monogafas, viseras, caretas para soldar, etc.)
Botas de seguridad (dieléctricas)	ANSI Z-41 DE1999 o ASTM 2412, 2413	Botas de seguridad, suela antideslizante (con puntera), dieléctricas.
Protectores Auditivos	ANSI Z 3.19 de 1974	Protectores auditivos de acuerdo a nivel de exposición.
Ropa de Trabajo		De acuerdo a los factores de riesgo y condiciones climáticas. Deben estar en perfecto estado. Lostrajes que se sometan a contacto con contaminantes, deben ser desechados y correctamente dispuestos.

Tapabocas	Estándares NIOSH y OSHA para protección respiratoria	Elementos de protección respiratoria, según la tarea para la que se vaya a utilizar, ejemplo protección contra polvo, contra gases o vapores.

10.5. PLAN DE EMERGENCIAS Y PLAN DE RESCATE

Todo trabajo en altura se realizará con una persona de apoyo disponible para que, de ser necesario, reporte de inmediato y active el plan de emergencias.

Se contará con un plan de rescate a realizar en alturas, actualizado y disponible en el lugar de trabajo, escrito, practicado y certificado que garantice una respuesta organizada y segura, para acceder, estabilizar, descender y trasladar a un servicio médico apropiado, a un trabajador que haya sufrido una caída y esté suspendido de sus equipos personales de protección contra caídas, o haya sufrido una lesión o afección de salud en un sitio de alturas. Igualmente se garantizará la disponibilidad de equipos certificados y ajustados al tipo de operación en lo referente a longitudes, compatibilidad y resistencia a condiciones ambientales para realizar la operación de rescate en el sitio de trabajo y una capacitación específica sobre rescate a los trabajadores expuestos (brigada de emergencia).

Se adjunta Plan de rescate en el Anexo 5.

11. INSPECCIONES

Como mínimo cada año se realizará inspección para los sistemas de acceso usados, así como para los equipos del sistema de protección contra caídas con el fabricante.

Se realizarán inspecciones preoperacionales de cada equipo antes de realizar actividades de trabajo en alturas mediante el formato de permiso de trabajo y se deberá contar con hoja de vida donde será registrado cada uso y novedad que presente el equipo, esto con el fin de poder tener certeza del tipo de uso y trabajo que ha tenido, así como la conformidad para un nuevo uso.

Se adjuntan formatos de inspecciones en el Anexo 6.

12. CRONOGRAMA DE ACTIVIDADES

Anexo a este programa se planificarán las actividades del respectivo programa en el plan de trabajo anual en seguridad y salud en el trabajo y programa de capacitación

13. INDICADORES

Para realizar trazabilidad de la gestión en trabajo seguro en alturas se plantean los siguientesindicadores:

PARAMETRO A MEDIR	META	INDICADOR
IMPACTO	Ejecutar un 90% de las actividades programadas	Número de mejoras implementadas / Número de mejoras o hallazgos identificados *100
RESULTADO	Alcanzar valores por debajo del 20% en accidentalidad asociada a trabajos en alturas	Número de accidentes por trabajos en alturas / Número total de accidentes de trabajo
COBERTURA	Capacitar al 90% de la población objeto de capacitación en trabajo en alturas	Número de trabajadores que realizaron curso de trabajo seguro en alturas realizado / Número de trabajadores que requieren curso de trabajo seguro en alturas

ANEXOS:

Anexo 1 Inventario tareas en alturas.
Anexo 2 Procedimientos de trabajo seguro.
Anexo 3 Formato Análisis de trabajo seguro en alturas y permiso de trabajo.
Anexo 4 Formato Hoja de vida equipos.
Anexo 5 Plan de rescate.
Anexo 6 Formatos Inspección de equipos.

CONTROL DE CAMBIOS AL DOCUMENTO		
FECHA	**VERSION**	**CAMBIO REALIZADO**
Febrero de 2018	00	Emisión del documento
Agosto de 2022	01	Ajuste de acuerdo con Resolución 4272 de 2021
Mayo de 2023	02	Se ajustan responsabilidades de Gerencia, de ayudante de seguridad, se incluyen responsabilidades de líderes de proceso, área de compras y brigadas de emergencias. Se ajustan condiciones de salud de trabajadores, se añaden aspectos del ATS dentro de las medidas de prevención, se adecuan las metas de indicadores del programa. Se ajustan permisos de trabajo para obra civil y forestal.

PROCEDIMIENTO EXAMENES MÉDICOS OCUPACIONALES	GRU S.A. GESTIÓN RURAL Y URBANA S.A.S
	PD-SST-03-VER-01

OBJETIVO

Establecer el procedimiento para realizar exámenes médicos ocupacionales de pre ingreso, periódicos y de retiro a los aspirantes y empleados de Gestión Rural y Urbana S.A.S., con el fin de llevar el diagnóstico de salud de los trabajadores para planear y realizar actividades de prevención (programas de vigilancia epidemiológica), de acuerdo a los resultados obtenidos.

ALCANCE

Este procedimiento aplica para la realización de exámenes médico ocupacionales de pre ingreso, periódicos y de retiro a todo el personal que se vincule a la empresa.

GENERALIDADES

Este procedimiento se ajusta a la resolución 2346 de julio 11 de 2007, la cual se aplica a todos los empleadores, empresas públicas o privadas, contratistas, subcontratistas, entidades administradoras de riesgos laborales, personas naturales y jurídicas prestadoras o proveedoras de servicios de salud ocupacional, entidades promotoras de salud, instituciones prestadoras de servicios de salud y trabajadores independientes del territorio nacional.

RESPONSABILIDADES

• La Gerencia delega al Responsable de Seguridad y Salud en el trabajo, el seguimiento, la supervisión y el cumplimiento de las actividades mencionadas en el presente procedimiento para la realización de los exámenes médicos ocupacionales.

• La Gerencia suministrará los recursos físicos y económicos necesarios para la adecuada aplicación de este procedimiento.

• El Responsable SST y/o Residente de Seguridad y Salud en el Trabajo se encargará de implementar este procedimiento, así como la elaboración de la línea base de condiciones de salud, para establecer las actividades encaminadas a intervenir dichos factores que pueden incidir en la salud de los trabajadores y llevar las estadísticas de las actividades realizadas para cubrir el 100% de la población sintomática.

• El personal médico de las institución habilitada por la Secretaría de Salud seleccionada para la realización de los exámenes médicos ocupacionales, quienes proporcionan los conceptos médicos de aptitud y el diagnostico de condiciones de salud, como lo establece la Resolución 2346 de 2007.

• La institución habilitada por la Secretaría de Salud seleccionada para la realización de los exámenes médicos ocupacionales, quienes conservarán bajo su custodia las historias clínicas del personal atendido, como lo establece la Resolución 2346 de 2007 y Resolución 1918 de 2009 por la cual se modifican los artículos 11 y 17 de la Resolución 2346 de 2007.

DEFINICIONES

ANAMNESIS: Interrogatorio que se realiza a la persona en búsqueda de información acerca de datos generales, antecedentes, identificación de síntomas y signos, así como su evolución.

EXAMEN MÉDICO OCUPACIONAL: Acto médico mediante el cual se interroga y examina a un trabajador, con el fin de monitorear la exposición a factores de riesgo y determinar la existencia de consecuencias en la persona por dicha exposición. Incluye anamnesis, examen físico completo con énfasis en el órgano o sistema blanco, análisis de pruebas clínicas y para clínicas, tales como: de laboratorio, imágenes diagnósticas, electrocardiograma, y su correlación entre ellos para emitir un diagnóstico y las recomendaciones.

EXPOSICIÓN A UN FACTOR DE RIESGO: Para efectos de la presente resolución, se considera exposición a un factor de riesgo, la presencia del mismo en cualquier nivel de intensidad o dosis.

PERFIL DEL CARGO: Conjunto de demandas físicas, mentales y condiciones específicas, determinadas por el empleador como requisitos para que una persona pueda realizar determinadas funciones o tareas.

RESUMEN DE HISTORIA CLÍNICA OCUPACIONAL: Es el documento que presenta, en forma breve, todos aquellos datos relevantes relacionados con antecedentes, eventos, procedimientos de diagnóstico, tratamiento y rehabilitación, en especial lo relacionado con su exposición a factores de riesgo, antecedentes de ocurrencia de eventos profesionales, así como de reintegro laboral, que ha presentado una persona en un determinado tiempo y que han sido registrados en la historia clínica ocupacional.

VIGILANCIA EPIDEMIOLÓGICA: Un proceso lógico y práctico de evaluación permanente sobre la situación de salud o de condiciones de trabajo de un grupo humano, que permite utilizar la información para tomar decisiones de intervención a nivel individual y colectivo, con el fin de disminuir los riesgos de enfermar o morir. Su objetivo es obtener y generar información para la acción.

REGISTROS

- Profesiograma.
- Orden de examen médico ocupacional (Pre ingreso, periódico, retiro).
- Certificado de aptitud laboral.
- Diagnóstico de condiciones de salud.

ESPECIFICACIONES Y REQUERIMIENTOS

Para la selección del proveedor que prestará los servicios de realización de exámenes médicos ocupacionales se tendrá en cuenta lo descrito en el procedimiento P-COM-01PROCEDIMIENTO EJECUCIÓN Y CONTROL DE PROCESOS, PRODUCTOS Y SERVICIOS SUMINISTRADOS EXTERNAMENTE del SGC de Gestión Rural y Urbana S.A.S., anexo 1 especificaciones y requerimientos en SST para proveedores y contratistas:

- Certificado de existencia y representación legal, RUT.
- Orden de servicio o contrato.
- Licencia de salud ocupacional (hoy SST) de la IPS y de médicos especialistas que realizan los exámenes ocupacionales.
- Certificaciones técnicas de calibración de equipos con los que realizan los exámenes médicos ocupacionales.
- Habilitaciones de la Secretaría de Salud para cada uno de los servicios que preste la IPS.
- Sistema de Gestión de Seguridad y Salud en el trabajo certificado por la ARL.

PROCEDIMIENTO

Para la realización de los exámenes médicos ocupacionales de pre - ingreso, periódicos y de retiro, se seguirán las siguientes actividades:

ACTIVIDAD	RESPONSABLE	REGISTRO	OBSERVACIONES
1. Selección proveedor exámenes médicos ocupacionales	* Director desarrollo Organizacional	Los mencionados en el ítem de especificaciones y requerimientos.	Es necesario tener en cuenta las especificaciones y requerimientos establecidos para seleccionar al proveedor. Para las obras fuera de Bogotá, en las zonas donde no sea posible ubicar un proveedor que cumpla con los requerimientos establecidos, se contratará en lo posible con médico de acuerdo con lo establecido en el artículo 9 de la resolución 2346 de 2007.
2. Entrega de profesiograma a la IPS	* Director desarrollo Organizacional	Profesiograma	
3. Orden de examen médico de pre ingreso o periódico o de retiro	* Director desarrollo Organizacional / Residente SST	* Orden de examen médico.	De acuerdo al examen a realizar, el responsable de SST entregará a la persona la orden para realización del examen médico ocupacional, teniendo en cuenta lo establecido en el profesiograma. En esta orden se consigna el tipo de examen y pruebas complementarias que se necesiten, de acuerdo con lo establecido en el profesiograma.

ACTIVIDAD	RESPONSABLE	REGISTRO	OBSERVACIONES
4. Realización de examen médico	* IPS / Medico ocupacional.	* Historia clínica laboral. (Que queda bajo custodia de la IPS y/o médico especialista)	La realización de los exámenes se realizará así: - Para examen de ingreso luego de haber surtido el proceso de selección de Gestión rural y Urbana S.A.S. y antes de ser afiliado el trabajador a la seguridad social y firma de contrato. - Para examen periódico: Se realizarán programados una vez al año en el mes de febrero. Y por cambio de ocupación cuando se requiera, de acuerdo con lo establecido en el profesiograma. - Para examen de retiro: En los exámenes médicos de retiro, se hace firmar al empleado el recibido de la orden de examen médico y tendrá 5 días hábiles posteriores a su fecha de retiro para asistir al mismo, lo cual será potestad del trabajador asistir a este examen, por lo cual la empresa no tendrá ninguna responsabilidad. La anterior información será transmitida al trabajador a través de la inducción y notificación de riesgos. - Para examen post incapacidad: Cuando el trabajador haya tenido una incapacidad superior a 30 días se remitirá a valoración médica ocupacional. El médico realiza al aspirante los exámenes indicados por la empresa y consigna en la historia clínica todos

ACTIVIDAD	RESPONSABLE	REGISTRO	OBSERVACIONES
			los datos concernientes al estado de salud actual. La custodia de las Historias clínicas de los empleados estará bajo responsabilidad de la IPS y/o médico especialista, quien garantiza su confidencialidad. En caso de requerirse personal para una labor específica (subcontratistas) se exigirá el examen médico de ingreso; así como para los operadores de maquinaria y/o equipos, servicio de vigilancia para obras o proyectos, trabajadores en misión, etc.
5. Entrega de resultados	* IPS / Medico ocupacional. * Director Desarrollo Organizacional	* Certificado aptitud laboral. * Comunicado al trabajador con recomendaciones (cuando aplique).	Con base en los exámenes realizados y el estado del trabajador, el médico hace un dictamen y certifica: • Aspirante: es apto o no para desempeñar el cargo, apto con recomendaciones y/o restricciones. • Empleado: estado de salud actual. Los conceptos de aptitud serán entregados y estarán bajo custodia del Director de Desarrollo Organizacional, a través de los mecanismos con que cuente el proveedor: Página web o en medio físico. A cada uno de los trabajadores se les entregará copia del concepto de aptitud, conservando el original en la empresa con la firma del empleado, para que conozca, si fuere el caso recomendaciones de acuerdo a los resultados de la evaluación y los hallazgos en los exámenes paraclínicos y remisiones a sus respectivas EPS, en caso de ser

ACTIVIDAD	RESPONSABLE	REGISTRO	OBSERVACIONES
			necesario. Se hace seguimiento al cumplimiento de las recomendaciones dadas al trabajador (Asistencia a controles médicos).
6. Diagnóstico de salud de los trabajadores	* IPS / Médico ocupacional.	* Diagnóstico de salud.	El Director de Desarrollo Organizacional, solicitará a la IPS y/o médico especialista el diagnóstico de condiciones de salud, con el cual se establecerá la línea base de condiciones de salud y se programaran las actividades de promoción de la salud y prevención de accidentes y enfermedades laborales, que permitan mejorar la calidad de vida de los trabajadores. Lo anterior, de acuerdo con Resolución 2346 de 2007.
7. Programa de vigilancia epidemiológica	* Director de Desarrollo Organizacional	* Programa de vigilancia epidemiológica.	Se realiza el análisis de los resultados del diagnóstico de salud y se establecen las actividades de prevención y programa de vigilancia epidemiológica a que haya lugar.

CONTROL DE CAMBIOS		
VERSION	**FECHA**	**MODIFICACIÓN**
00	02/03/2015	Edición
01	28/12/2018	Se incluyen responsabilidades, especificaciones y requerimientos al proveedor, custodia de historias clínicas.

Procedimiento Operativo Normalizado – P.O.N.

ELECTROCUCIÓN

CONTACTO CON UNA FUENTE ELÉCTRICA

HAY LESIONADOS?

SI

NO

Desenergice y continúe con la operación.

ESCENA SEGURA?

NO

Active el Sistema de Emergencias Médicas – SEM Local (Cuerpo de Bomberos, Defensa Civil, Cruz Roja)
Ver teléfonos de emergencias.

SI

Aplicar el Procedimiento Operativo Normalizado – PON para Primeros Auxilios.





PROCEDIMIENTO OPERATIVO NORMALIZADO - RESCATE EN ACCIDENTE POR IZAJE DE CARGAS

GRU SAS
GESTIÓN RURAL Y URBANA SAS

Versión 00

Fecha: 15/04/2024

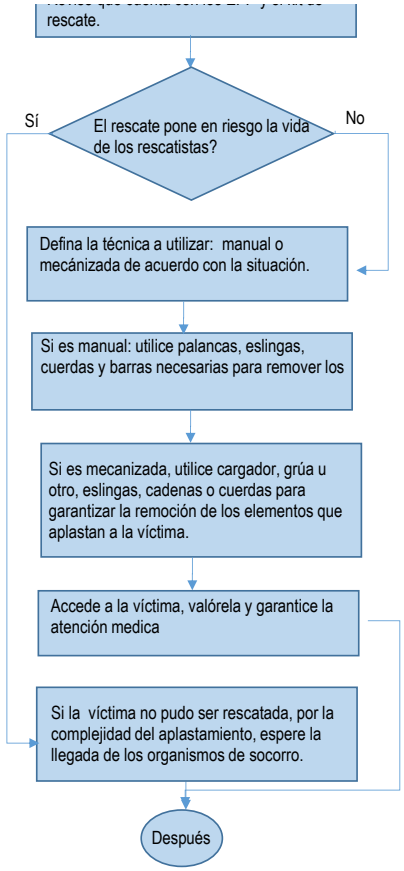
Objetivo: Establecer los lineamientos de acción para notificar emergencias; antes, durante y después de su ocurrencia, para actuar en caso de presentarse un accidente al desarrollar actividades asociadas a trabajos de izaje de cargas.

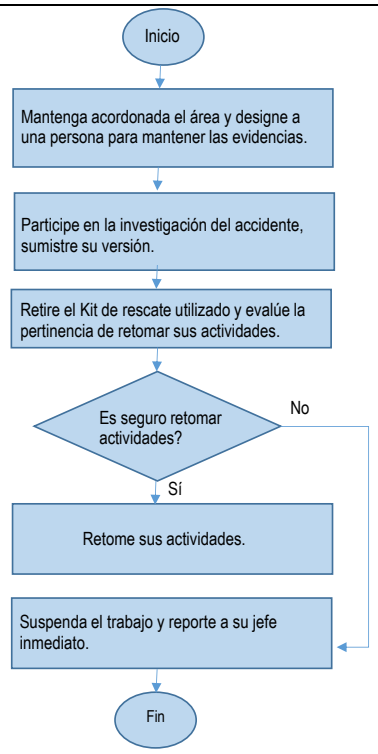
PROCEDIMIENTO OPERATIVO NORMALIZADO - RESCATE EN ACCIDENTE POR IZAJE DE CARGAS - ANTES DE LA EMERGENCIA

DIAGRAMA DE FLUJO	DESCRIPCIÓN	RESPONSABLE
Inicio	Inicio	
Arribe al sitio de operación, verifique el ATS, ajústelo identificando los peligros y diligencie permiso de trabajo.	Una vez arribe al sitio de operación, verifique la información del ATS y ajústela a la realidad del sitio, identificando los peligros presentes. Diligencie el permiso de trabajo.	Jefe inmediato, supervisor y trabajador
Identifique controles: elementos de rescate, centro médico cercano, asigne responsabilidades, delegue al encargado de reportar peligros circundantes	Identifique los controles a implementar en caso de presentarse un accidente. 1. Elementos y equipos de rescate 2. Centro médico más cercano 3. Establezca responsabilidades de la comisión de trabajo y cadena de llamadas en caso de emergencia (Jefe inmediato, linea 123, en caso de requerir ambulancia y linea ARL **Colmena y/o la ARL de los contratistas**) 4. Delegue una persona de la comisión, que esté atenta a los peligros que se puedan presentar en el medio circundante exterior.	Jefe inmediato, supervisor y trabajador
Implemente las medidas de protección colectivas: (Delimitación, señalización)	Implemente las medidas de protección colectivas: 1. Delimitación del área 2. Señalización	Jefe inmediato, supervisor y trabajador
Implemente las medidas de protección individual (EPP) Inicie la labor	Implemente las medidas de protección individual e inicie su labor utilizando los Elementos de Protección Personal requeridos para la tarea (guantes, botas de seguridad, casco)	
Durante		

PROCEDIMIENTO OPERATIVO NORMALIZADO - RESCATE EN ACCIDENTE POR IZAJE DE CARGAS - DURANTE DE LA EMERGENCIA

DIAGRAMA DE FLUJO	DESCRIPCIÓN	RESPONSABLE
Inicio	Inició la emergencia	
Evalúe la proporción de la emergencia: Lugar de ocurrencia, cantidad de personas afectadas, clase de emergencia, área involucrada hora de inicio de la emergencia y ruta de acceso a la zona y active la cadena de llamadas.	Se presenta una emergencia que requiera el rescate de uno o varios trabajadores accidentados, evalúe la proporción de la emergencia y active la la cadena de llamadas en caso de emergencia (Jefe inmediato, linea 123, en caso de requerir ambulancia y linea ARL **Colmena** y/o ARL de los contratistas) Tenga claridad de: 1.Lugar de ocurrencia de la emergencia 2.Número de personas afectadas 3.Clase de emergencia 4.Área involucrada 5.Hora de inicio de la emergencia 6. Ruta de acceso de a la zona 7. Informe al Facilitador SST, la situación ocurrida.	Jefe inmediato, supervisor y trabajador
Sí — Cuenta con formación para responder a la emergencia? — No		
NO intente rescatar la víctima, mantenga la calma, evite el acceso de personas ajenas a la emergencia. Esté atento a la llegada del equipo de rescate.	Si no cuenta con formación, no intente rescatar a la víctima, mantenga la calma y evite el acceso de personas ajenas a la emergencia. Esté atento a la llegada del equipo de rescate y suministre la información solicitada para facilitar el rescate por parte del persona de socorro.	Jefe inmediato, supervisor y trabajador
Actúe como primer respondiente para controlar la emergencia. Revise que cuenta con los EPP y el kit de	Si cuenta con la formación y el tipo de emergencia lo permiten, actue como primer respondiente para tratar de controlar la emergencia. Revise que cuenta con los elementos de protección personal (protección para la cabeza, manos y pies) y kit de rescate necesarios para realizar el salvamento como barras y eslingas de izaje)	Jefe inmediato, supervisor y trabajador

	Detenga las actividades de izaje que se estén desarrollando en el área y controle los riesgos que puedan afectar la seguridad del área.	Jefe inmediato, supervisor y trabajador
	Verifique que el rescate no ponga en riesgo la vida de los rescatistas	Jefe inmediato, supervisor y trabajador
	Defina la técnica que se debe utilizar manual o mecanizada	Jefe inmediato, supervisor y trabajador
	Si es manual: utilice palancas, eslingas, cuerdas y barras necesarias para remover los elementos que aplastan a la víctima. Remueva los elementos y acceder a su víctima, valora y garantiza la atención medica	Jefe inmediato, supervisor y trabajador
	Si es mecanizado, utiliza los elementos como cargador, grúa u otro, utiliza eslingas, cadenas o cuerdas para garantizar la remoción de los elementos que plastan a la víctima.	Jefe inmediato, supervisor y trabajador
	Retira los elementos que estén aplastando la víctima.	Jefe inmediato, supervisor y trabajador
	Realice la valoración de la víctima y garantice la atención médica.	Jefe inmediato, supervisor y trabajador

PROCEDIMIENTO OPERATIVO NORMALIZADO - RESCATE EN ACCIDENTE POR IZAJE DE CARGAS - DESPUÉS DE LA EMERGENCIA		
DIAGRAMA DE FLUJO	**DESCRIPCIÓN**	**RESPONSABLE**
	Finalizó la emergencia	
	Si el accidente causó una fatalidad, acordone el área y designe una persona para mantener las evidencias en la escena. No ingrese al área, ni permita el ingreso de personal ajeno, a menos que sea autorizaco por las autoridades competentes.	Jefe inmediato, supervisor y trabajador
	Participe en la investigación del accidente, suministrando su versión detallada de lo ocurrido.	Jefe inmediato, supervisor y trabajador
	Si el accidente no causó una fatalidad, retire los elementos utilizados para el rescate.	Jefe inmediato, supervisor y trabajador
	Evalué la pertinencia de retomar sus actividades.	Jefe inmediato, supervisor y trabajador
	Si es seguro retornar su labor y dar continuidad a las actividades programadas, continúe con su labor.	Jefe inmediato, supervisor y trabajador
	Si no es seguro retomar las actividades, suspenda el trabajo y reporte a su jefe inmediato.	Jefe inmediato, supervisor y trabajador
	FIN	

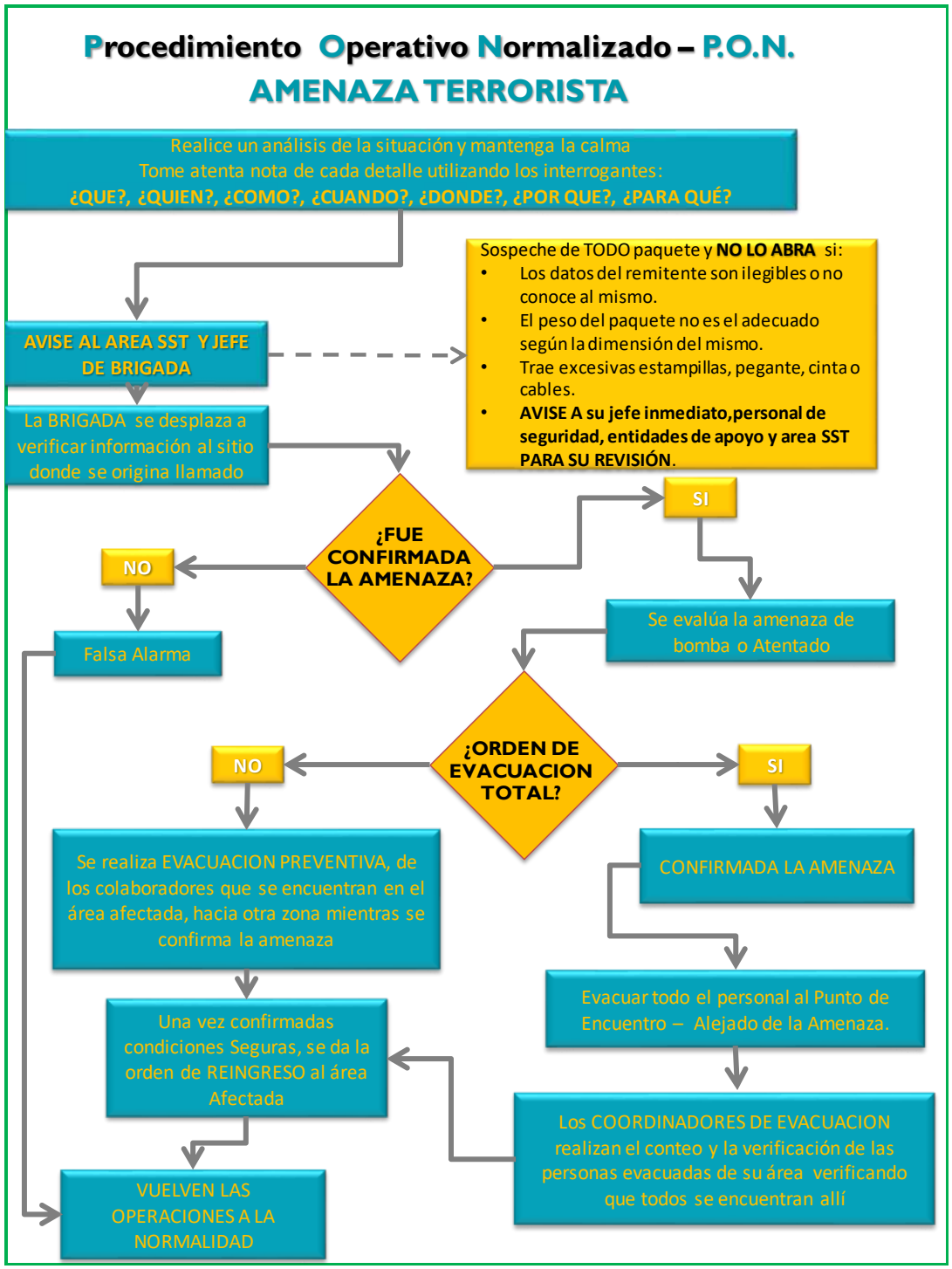
PROCEDIMIENTOS OPERATIVOS NORMALIZADOS

Los **P**rocedimientos **O**perativos **N**ormalizados se diseñaron para responder a situaciones predefinidas que generan alto riesgo o que ocasionan emergencias. De acuerdo a los hallazgos de cada uno de los puntos de **GESTION RURAL Y URBANA** y los riesgos específicos de cada una.

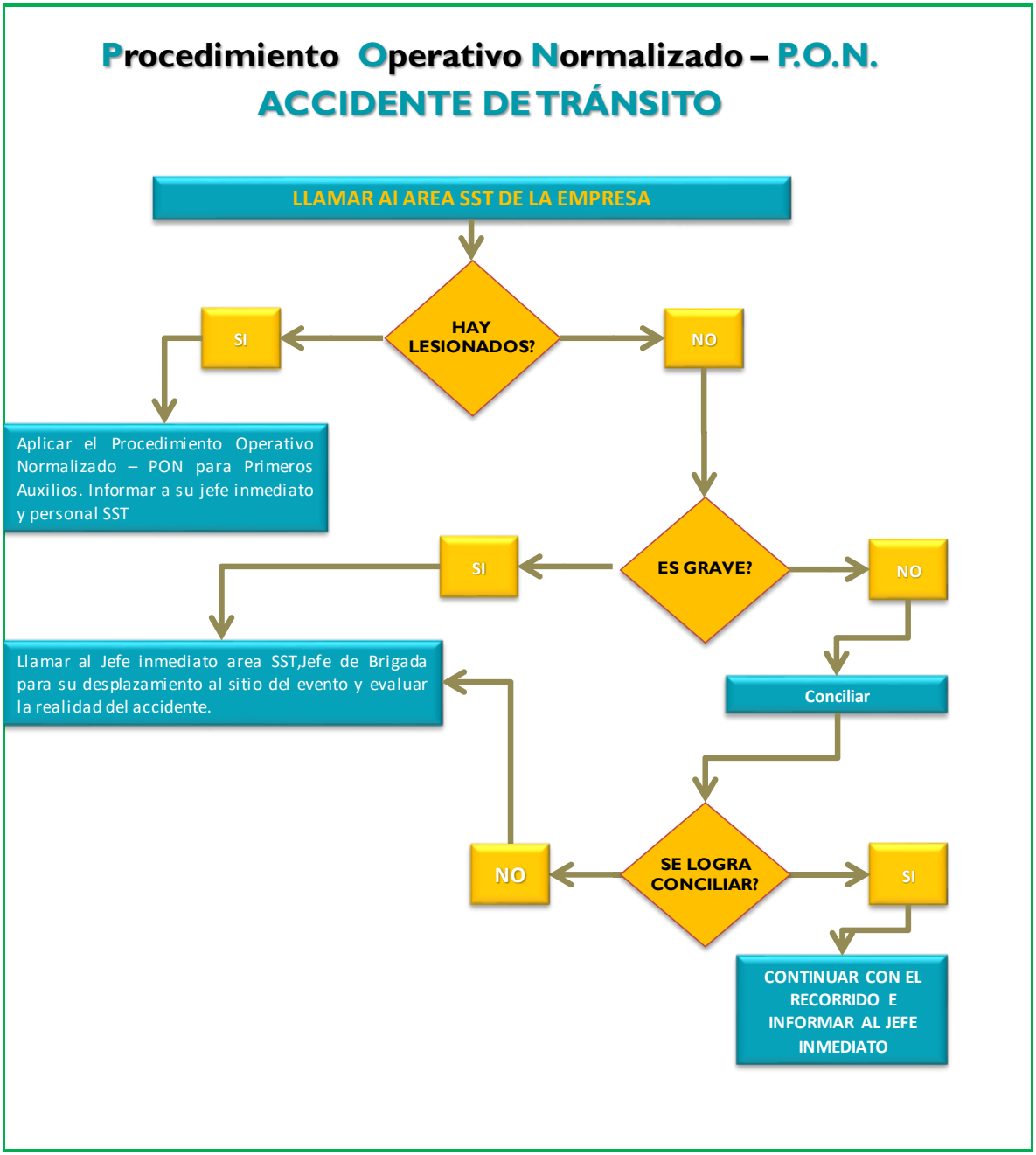
Los **PONS** Son decisiones tomadas por anticipado y se espera que las acciones definidas en los mismos se programen y ejecutan en la secuencia definida.

Estos procedimientos deben ser divulgados a TODA la población trabajadora, debe se debe explicar su funcionamiento, significado, diseño a todo el personal que integra la brigada de emergencias**.**

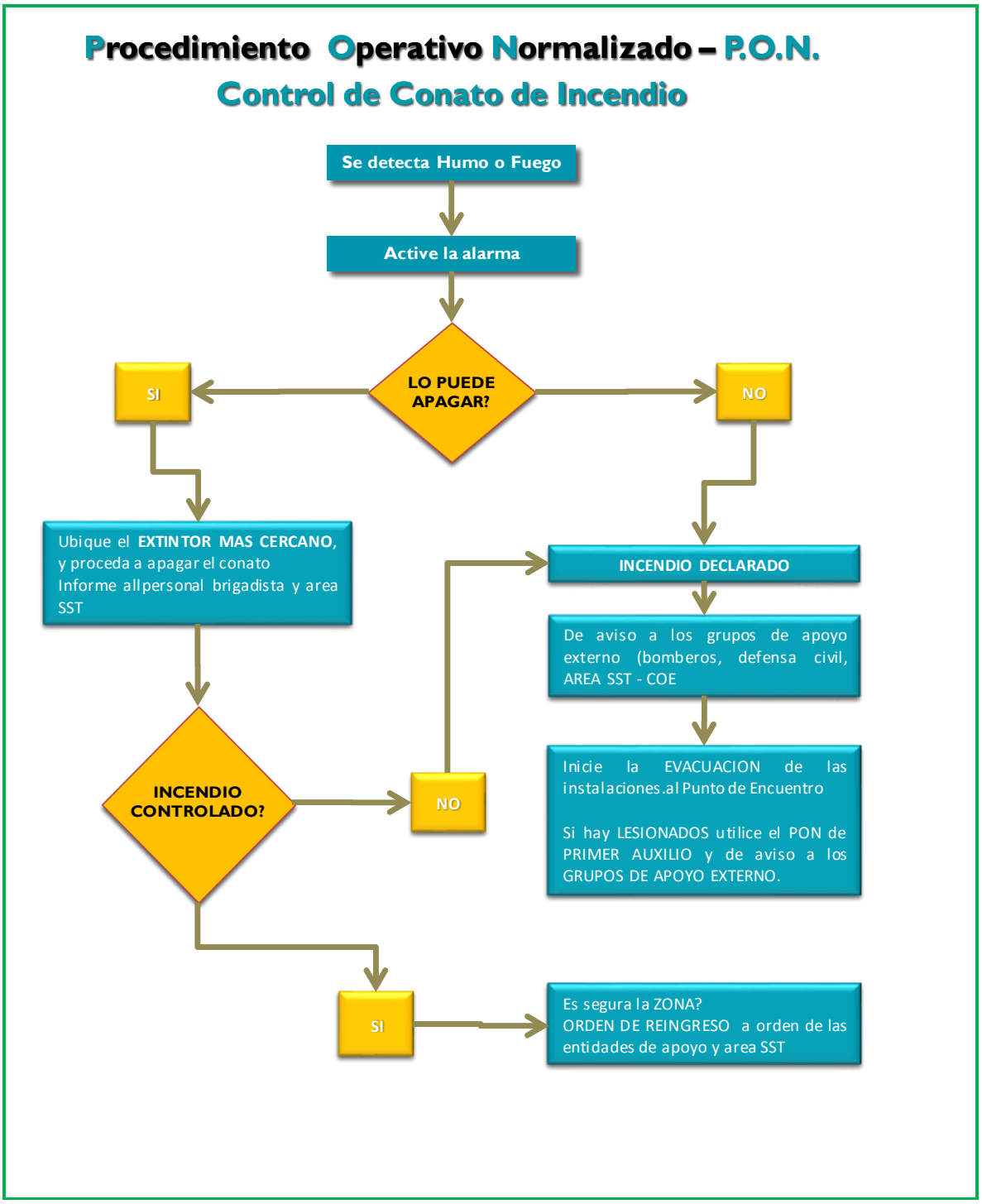
P.O.N. AMENAZA TERRORISTA



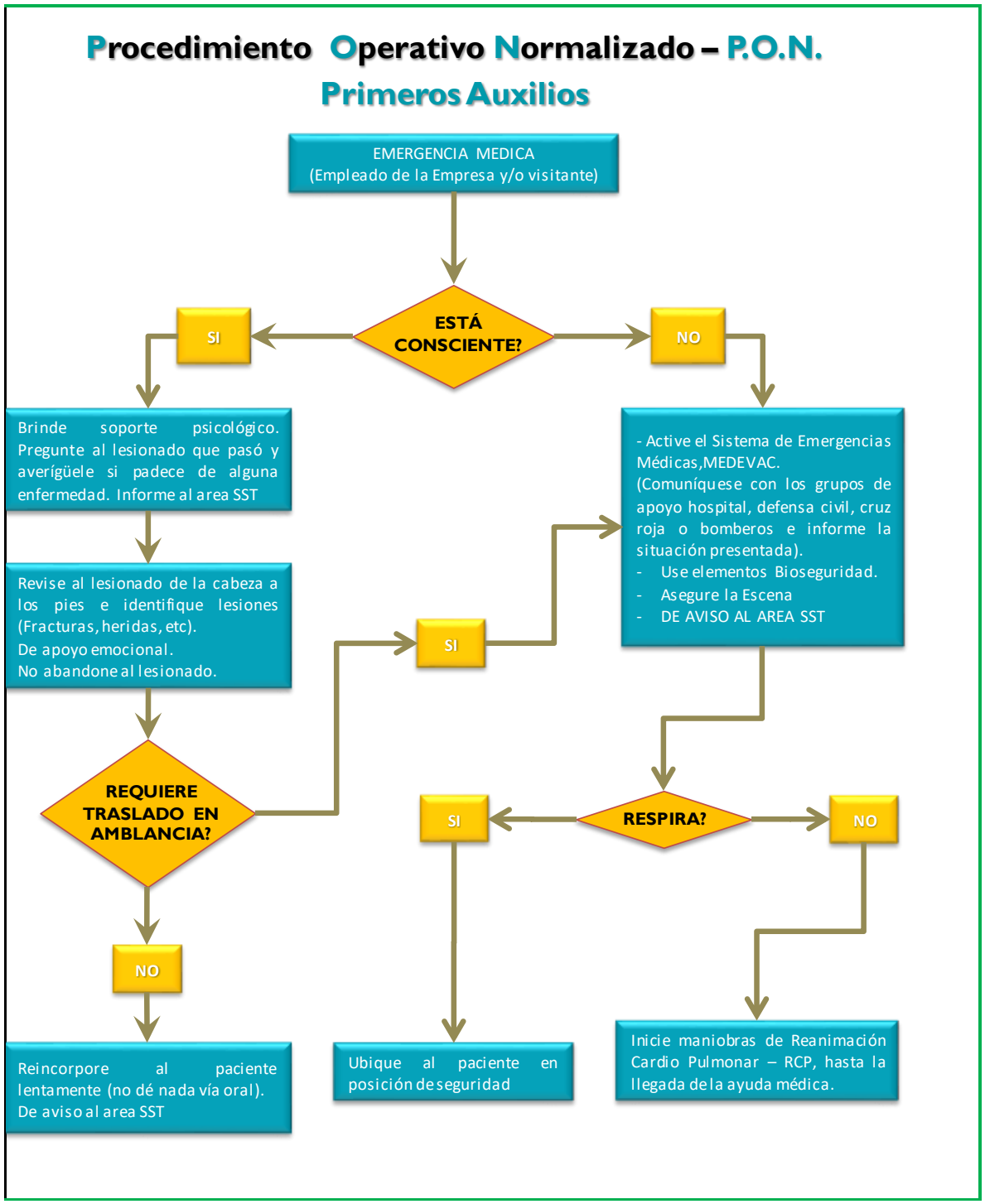
P.O.N. ACCIDENTE DE TRANSITO



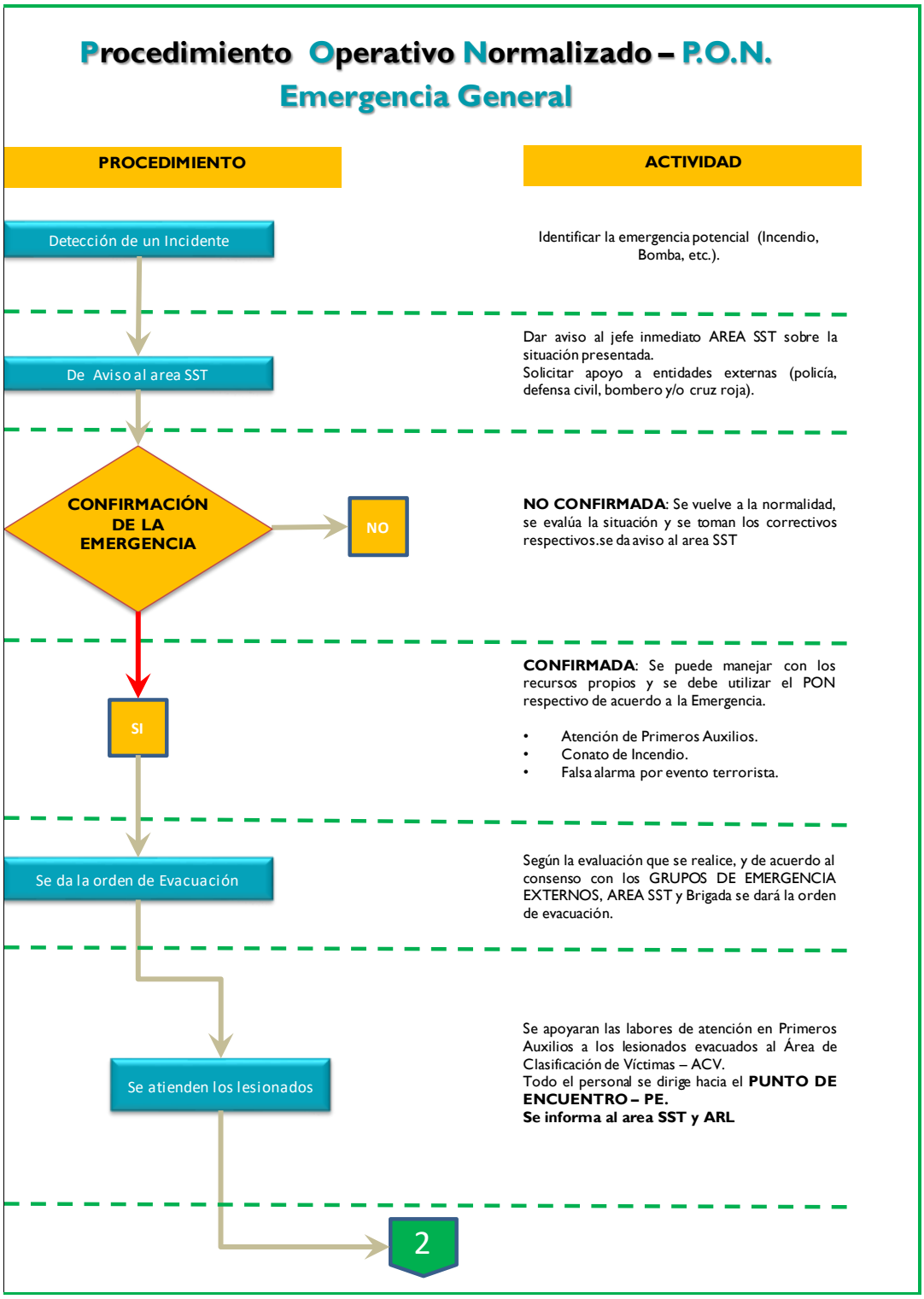
P.ON. INCENDIO

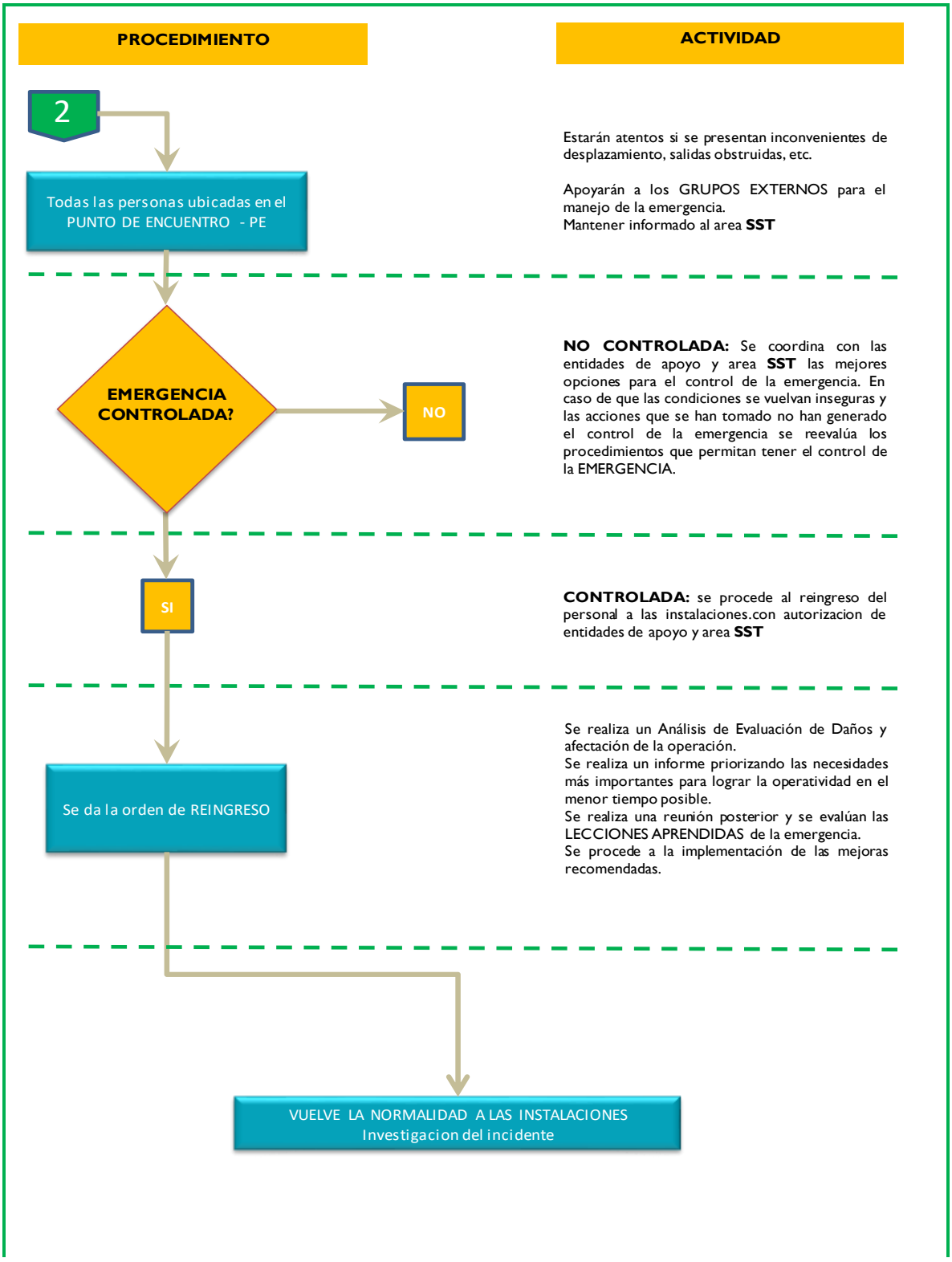


P.O.N. PRIMEROS AUXILIOS

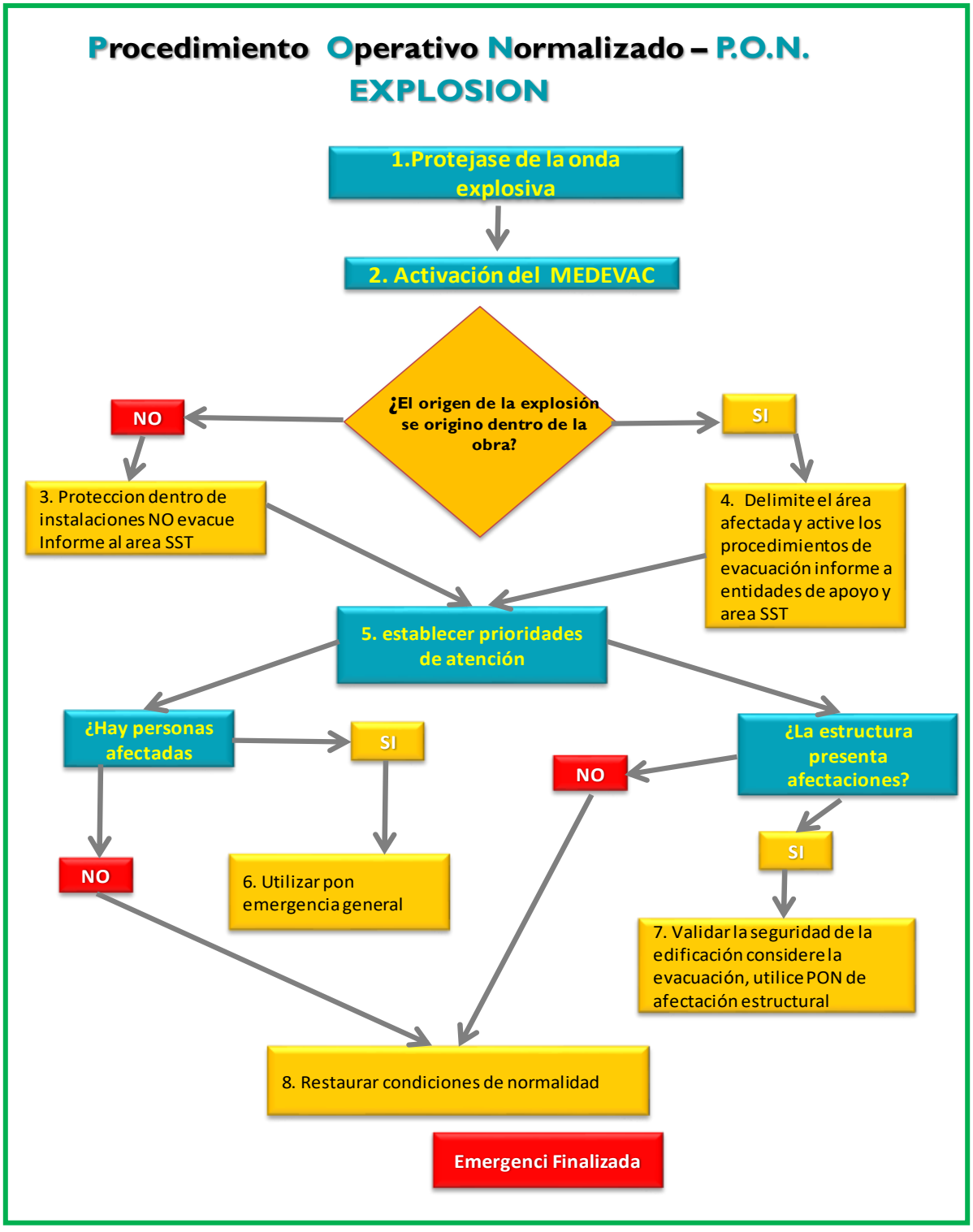


P.O.N. EMERGENCIAS GENERAL

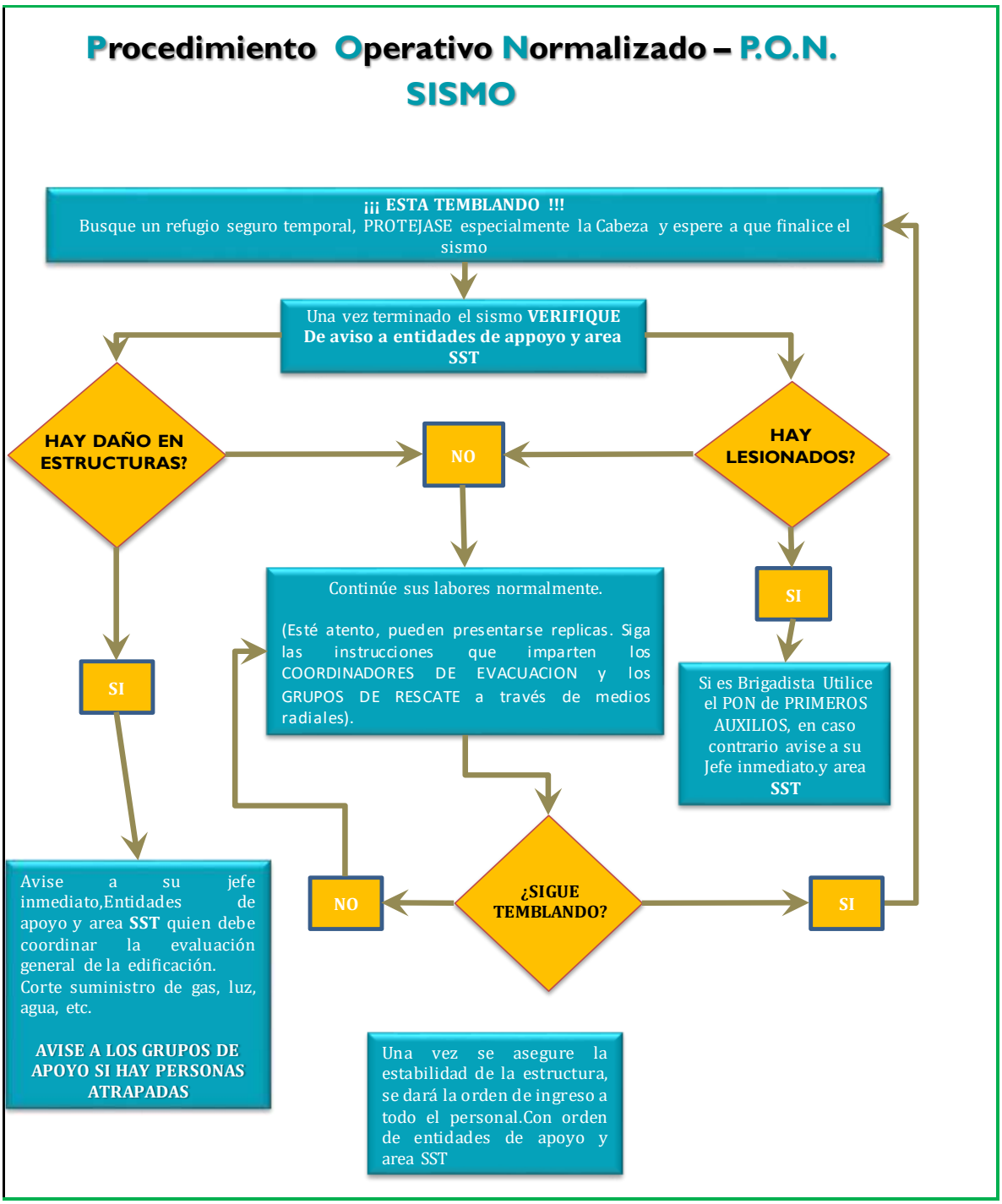



PROCEDIMIENTO
ACTIVIDAD
2
Todas las personas ubicadas en el PUNTO DE ENCUENTRO - PE
Estarán atentos si se presentan inconvenientes de desplazamiento, salidas obstruidas, etc.
Apoyarán a los GRUPOS EXTERNOS para el manejo de la emergencia.
Mantener informado al area SST
EMERGENCIA CONTROLADA?
NO
NO CONTROLADA: Se coordina con las entidades de apoyo y area SST las mejores opciones para el control de la emergencia. En caso de que las condiciones se vuelvan inseguras y las acciones que se han tomado no han generado el control de la emergencia se reevalúa los procedimientos que permitan tener el control de la EMERGENCIA.
SI
CONTROLADA: se procede al reingreso del personal a las instalaciones.con autorizacion de entidades de apoyo y area SST
Se da la orden de REINGRESO
Se realiza un Análisis de Evaluación de Daños y afectación de la operación.
Se realiza un informe priorizando las necesidades más importantes para lograr la operatividad en el menor tiempo posible.
Se realiza una reunión posterior y se evalúan las LECCIONES APRENDIDAS de la emergencia.
Se procede a la implementación de las mejoras recomendadas.
VUELVE LA NORMALIDAD A LAS INSTALACIONES
Investigacion del incidente

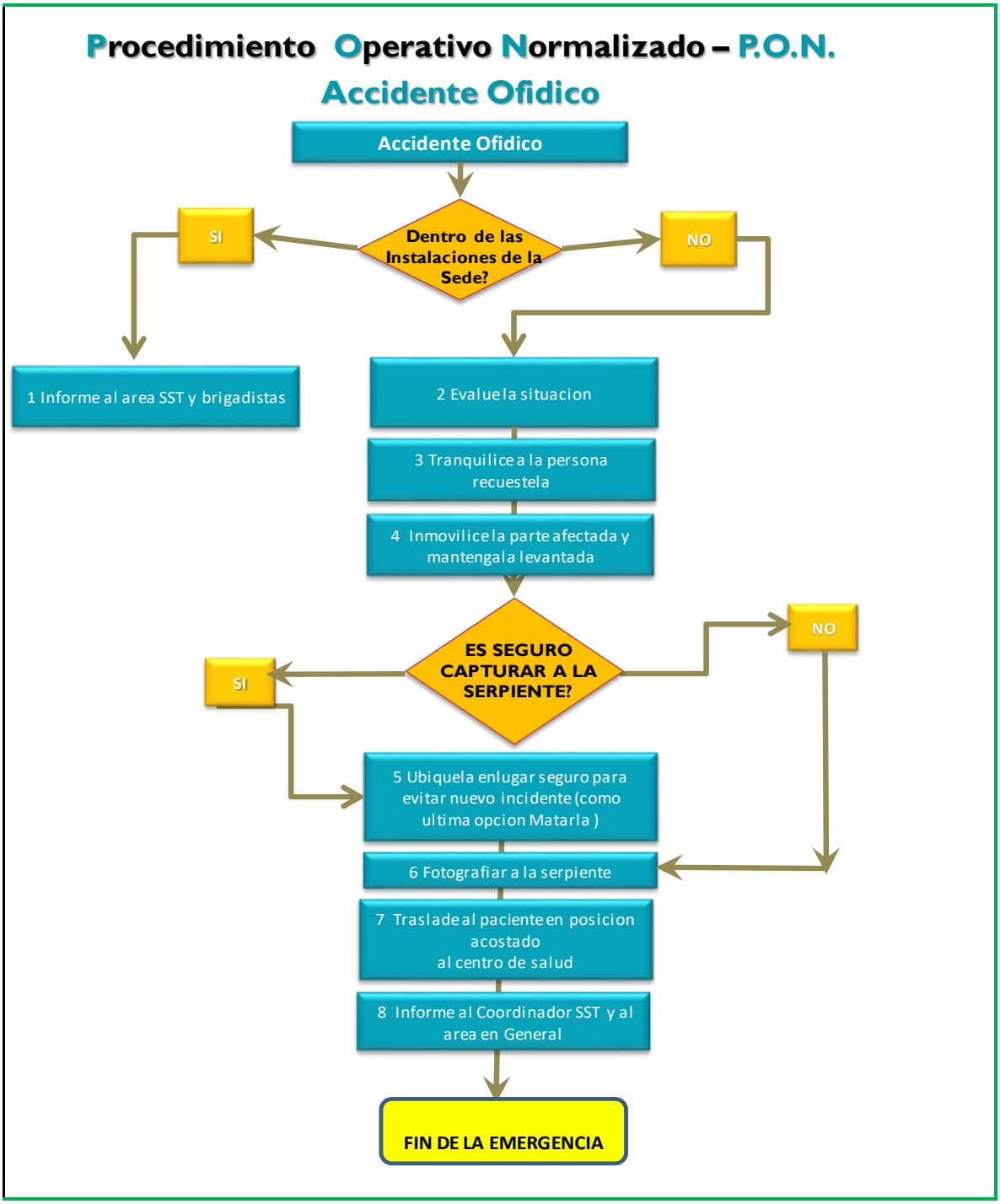
P.O.N. EXPLOSION



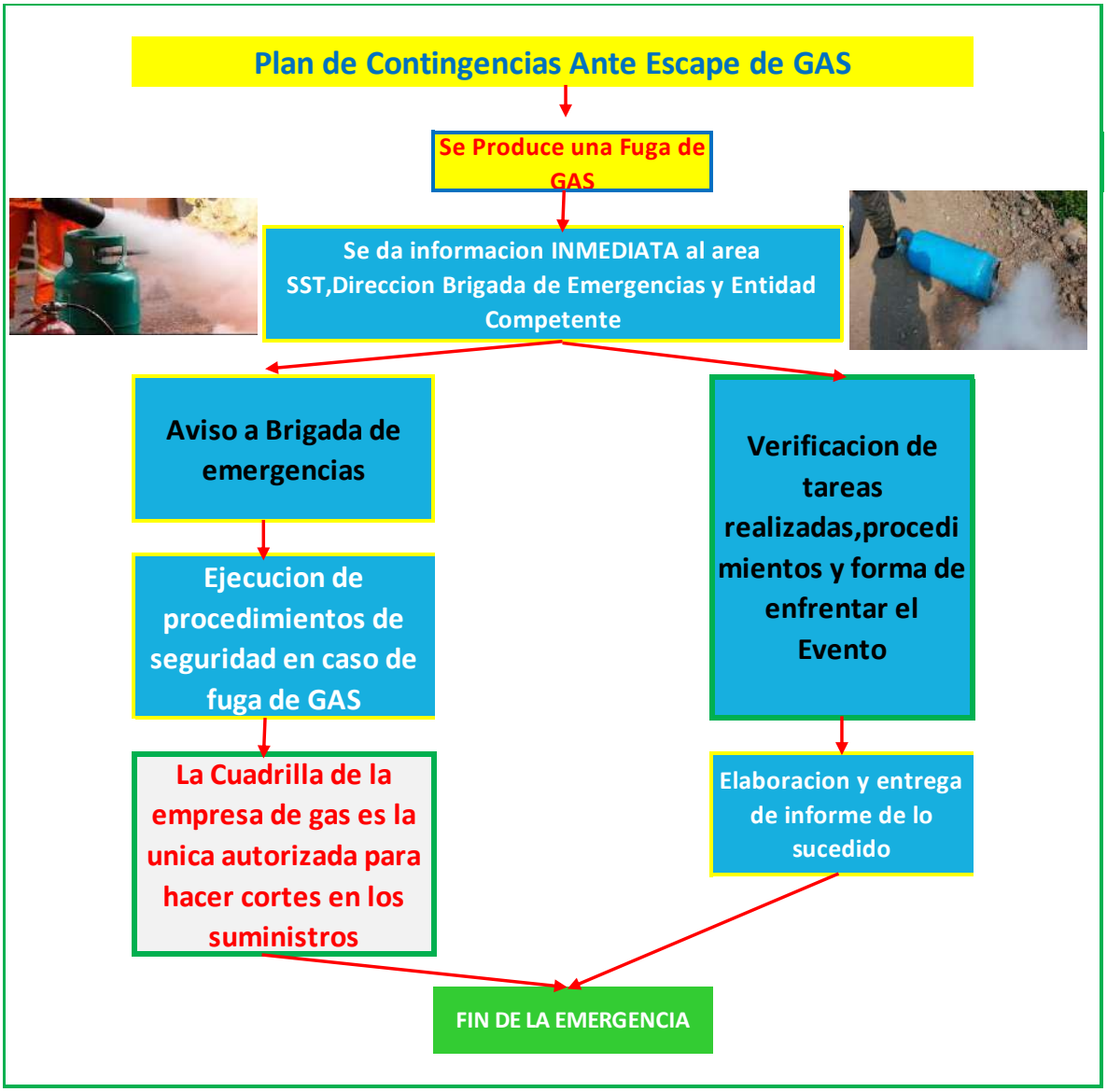
P.O.N. SISMO


Procedimiento Operativo Normalizado – P.O.N.
SISMO
¡¡¡ ESTA TEMBLANDO !!!
Busque un refugio seguro temporal, PROTEJASE especialmente la Cabeza y espere a que finalice el sismo
Una vez terminado el sismo VERIFIQUE
De aviso a entidades de appoyo y area SST
HAY DAÑO EN ESTRUCTURAS?
NO
HAY LESIONADOS?
SI
Continúe sus labores normalmente.
(Esté atento, pueden presentarse replicas. Siga las instrucciones que imparten los COORDINADORES DE EVACUACION y los GRUPOS DE RESCATE a través de medios radiales).
Si es Brigadista Utilice el PON de PRIMEROS AUXILIOS, en caso contrario avise a su Jefe inmediato.y area SST
SI
Avise a su jefe inmediato,Entidades de apoyo y area SST quien debe coordinar la evaluación general de la edificación.
Corte suministro de gas, luz, agua, etc.
AVISE A LOS GRUPOS DE APOYO SI HAY PERSONAS ATRAPADAS
NO
¿SIGUE TEMBLANDO?
SI
Una vez se asegure la estabilidad de la estructura, se dará la orden de ingreso a todo el personal.Con orden de entidades de apoyo y area SST

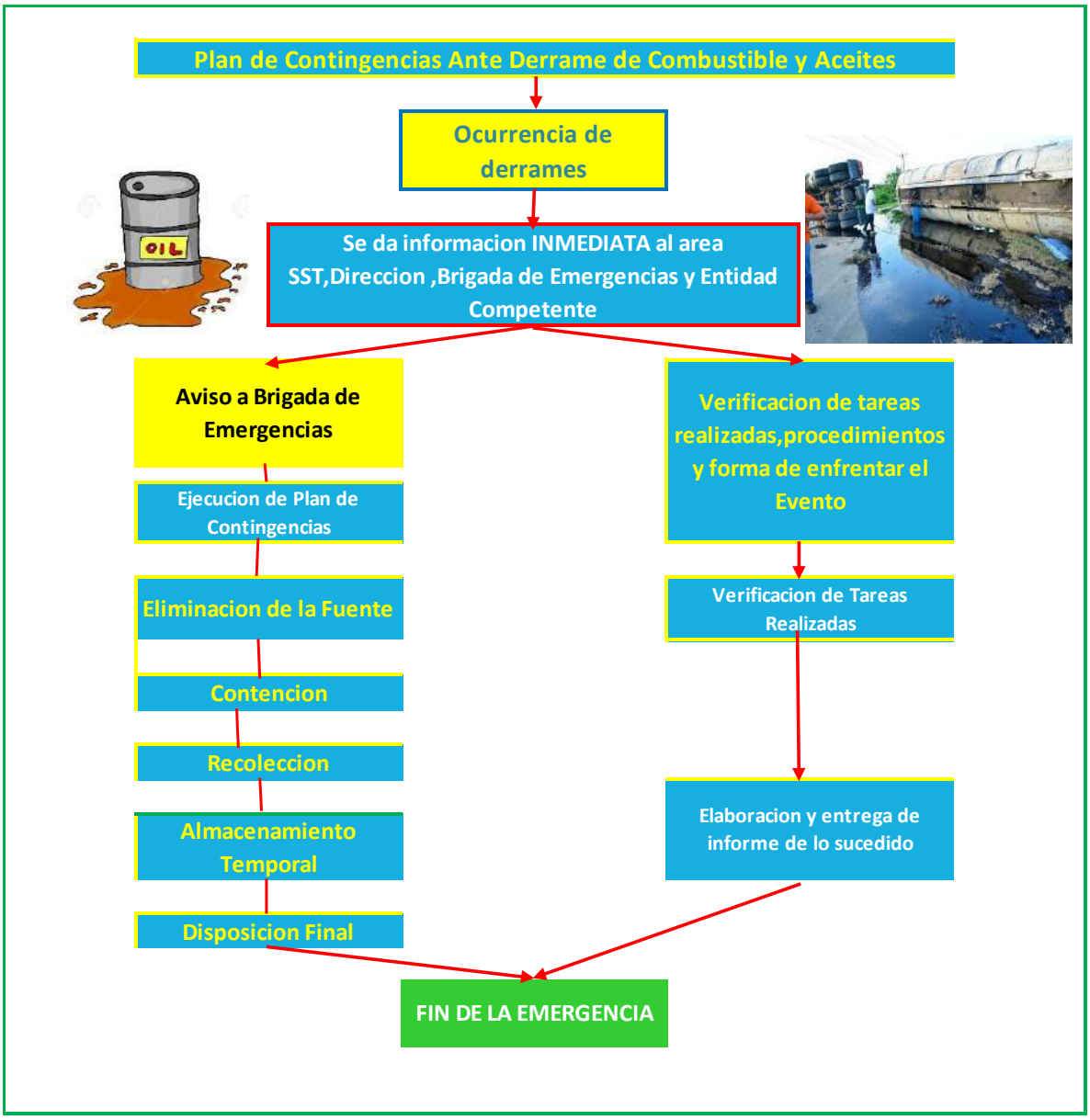
P.O.N. ACCIDENTE OFIDICO



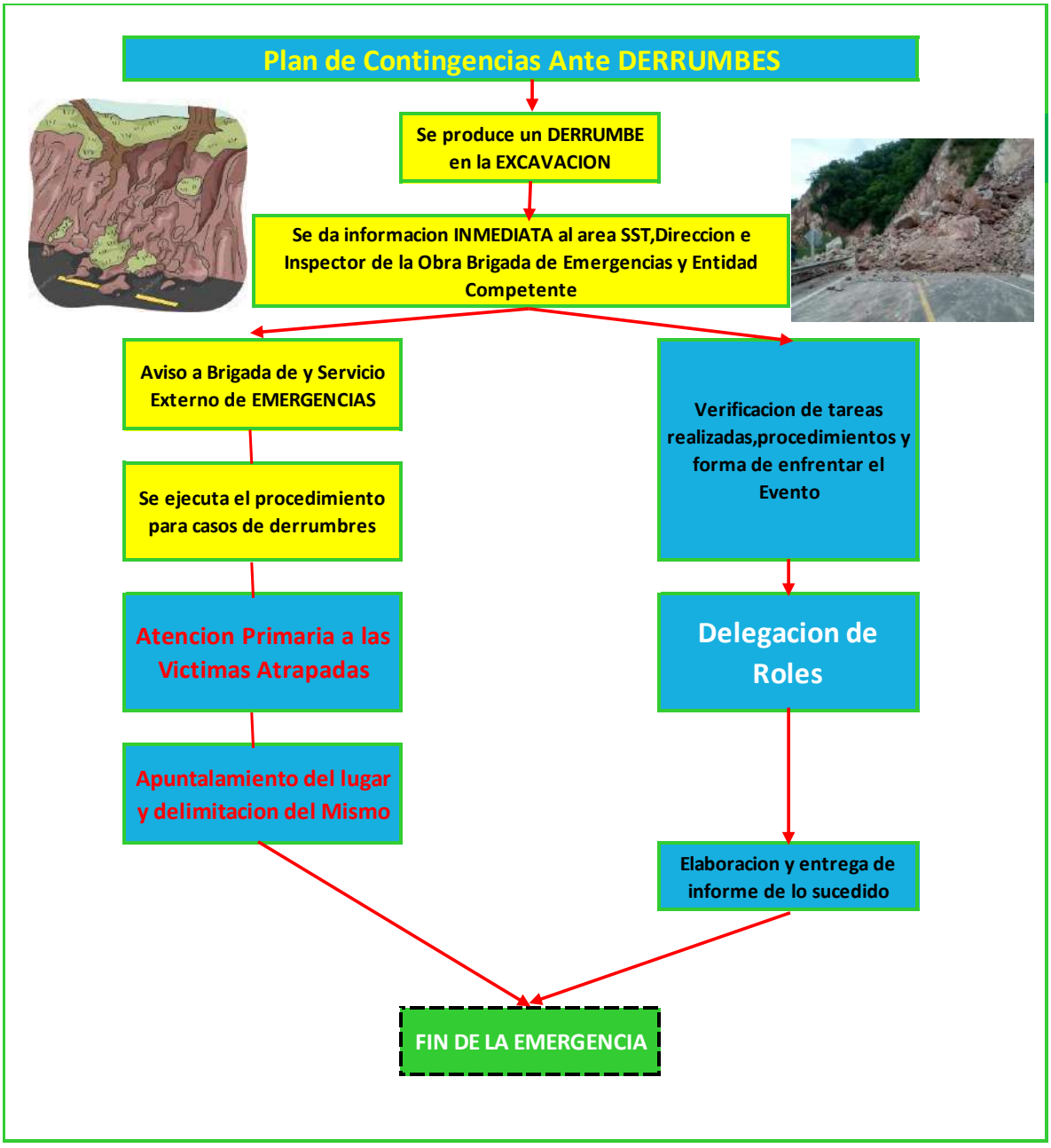
P.O.N. ESCAPE DE GAS



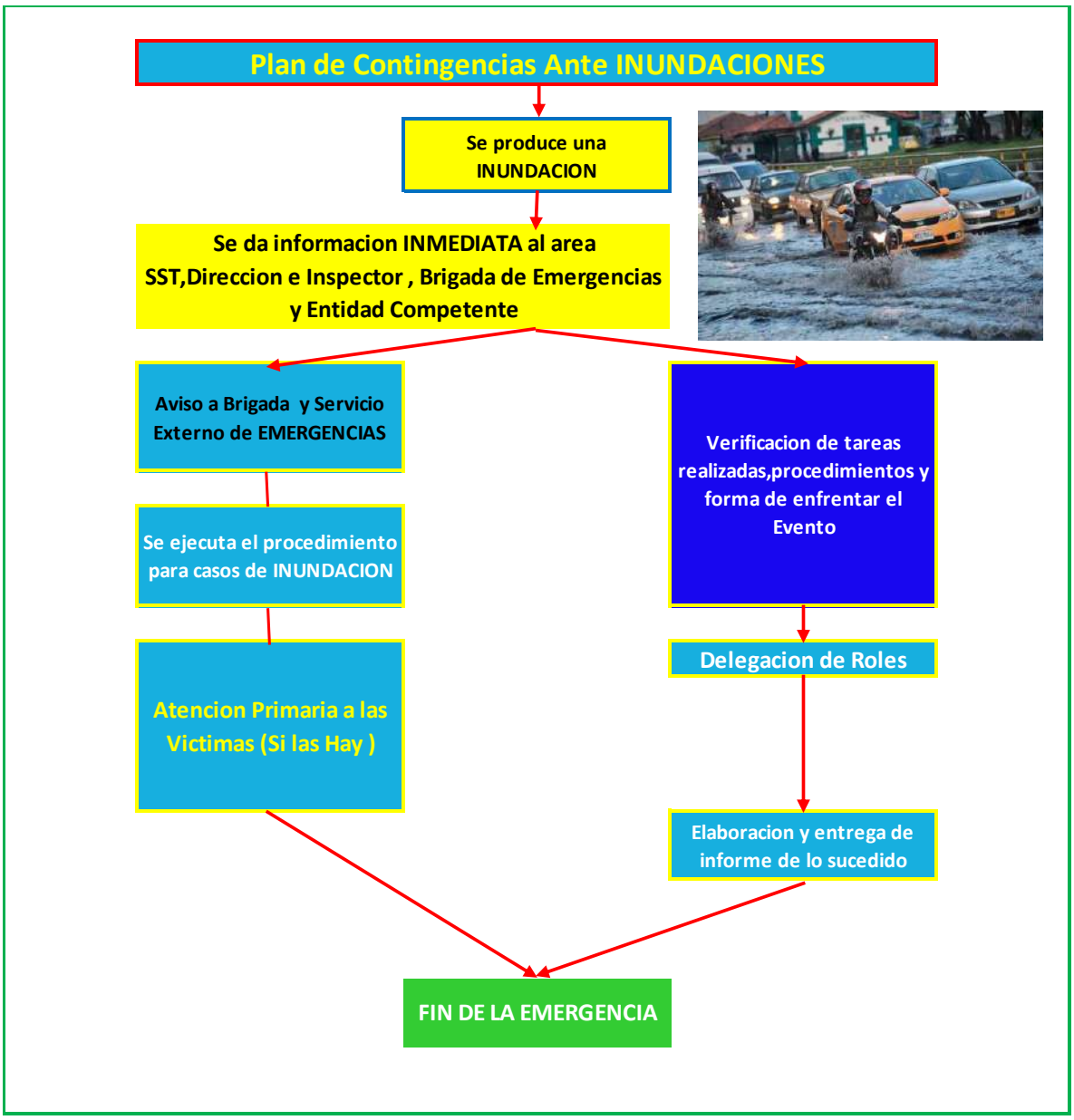
P.O.N. DERRAME DE COMBUSTIBLE



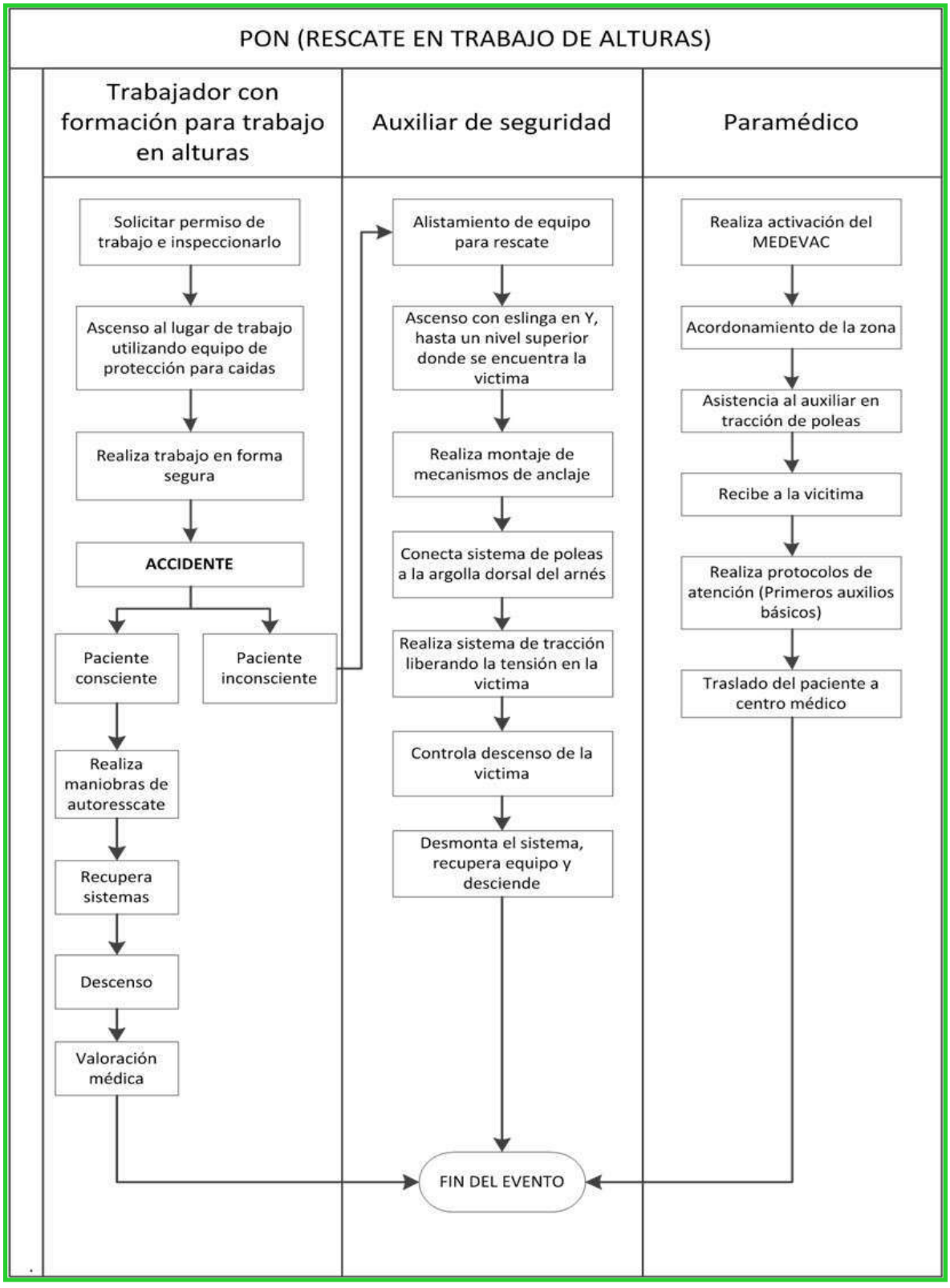
P.O.N. DERRUMBES



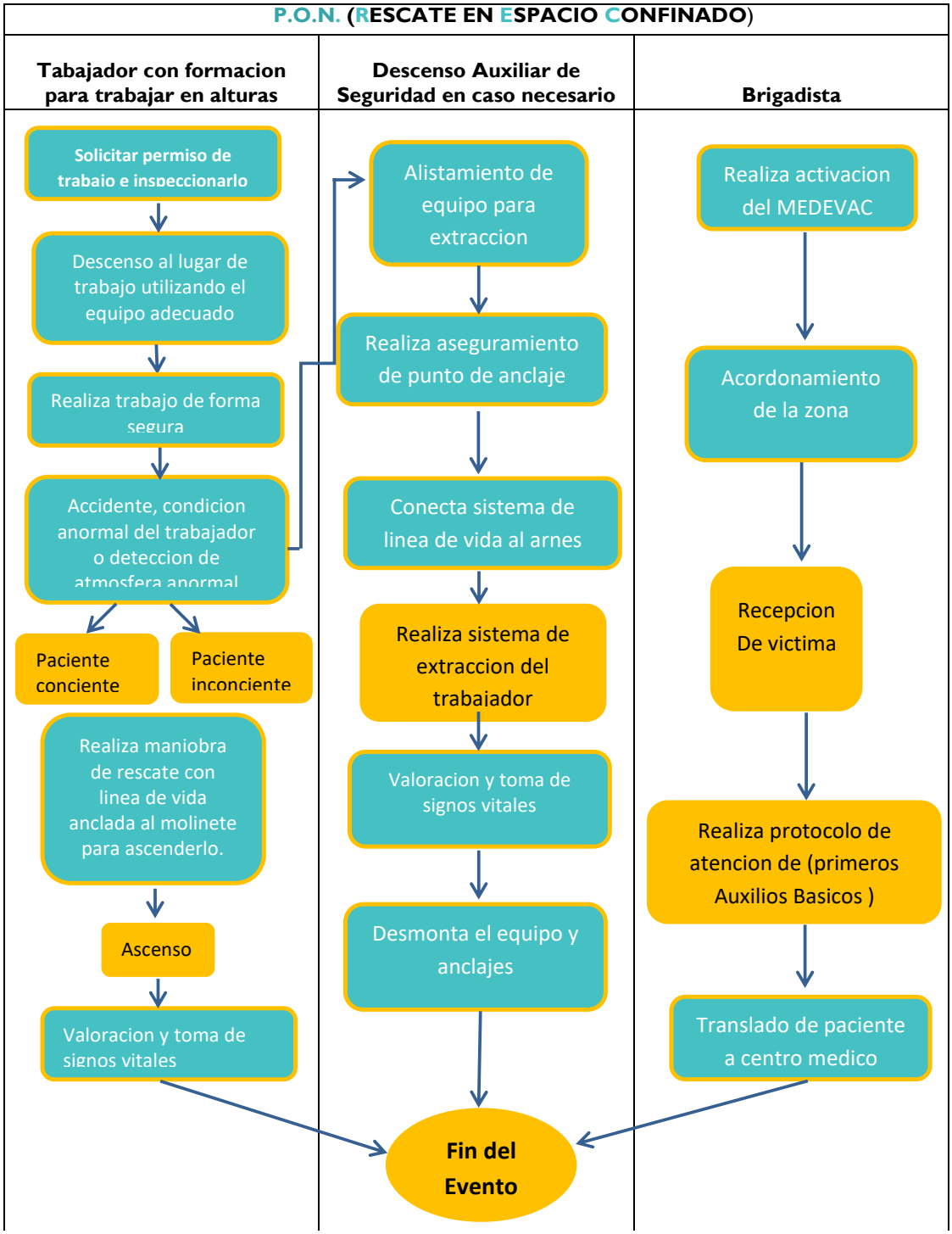
P.O.N. INUNDACIONES



P.O.N. RESCATE EN ALTURAS



P.O.N. RESCATE EN ESPACIO CONFINADO



PROGRAMA DE ELEMENTOS DE PROTECCIÓN PERSONAL

MATRIZ DE ELEMENTOS DE PROTECCION PERSONAL Y DE PROTECCION CONTRA CAÍDAS POR CARGO U OFICIO

GRU SAS
GESTION RURAL Y URBANA S.A.S

X : ESTE EPP ES DE SUMINISTRO Y USO OBLIGATORIO. **O: ESTE EPP ES DE SUMINISTRO Y USO DE ACUERDO CON LA NECESIDAD O ACTIVIDAD.** **Fecha actualización: 04/04/2022**

PARTE DEL CUERPO	CABEZA					OJOS Y CARA					OIDOS		NARIZ			MANOS Y BRAZOS									PIES				CUERPO								ESPECIALES (TRABAJOS EN ALTURA)			
FACTORES DE RIESGO EXISTENTES	CAIDA DE OBJETOS, SALPICADURA SUSTANCIAS, RADIACIÓN SOLAR					PROYECCION DE PARTÍCULAS A OJOS Y CARA, RADIACIONES O SALPICADURAS					RIESGO FÍSICO: EXPOSICION A RUIDO		INHALACION MATERIAL PARTICULADO, HUMOS, GASES Y VAPORES			LESIONES O ABRASIONES EN LAS MANOS									LESIONES EN LOS PIES, RESBALONES				QUEMADURAS, CORTADURAS, SALPICADURAS, PREVENCION EN MANEJO DE TRÁFICO, CAMBIOS CLIMÁTICOS (LLUVIA)								CAÍDAS DE ALTURAS CON LESIONES DE DIFERENTE MAGNITUD			
NORMA / ESPECIFICACIONES (TODOS LOS EPP Y EPCC DEBEN CONTAR CON CERTIFICADOS DE CALIDAD Y FICHAS TÉCNICAS)	ANSI Z 89.1 / NTC 1523 O SIMILAR					ANSI 87.1					NTC 2272 ANSI S3.19 O SIMILAR		NTC 3852 NIOSH O SIMILAR			NTC 2190									NTC 2396 ANSI Z 41				VARIOS								ANSI A10.32 ANSI Z 359			
ELEMENTO (El dibujo no es especificamente el elemento de protección requerido, simplemente tiene como objetivo ilustrar cada uno de éstos)	CASCO CON RATCHET	CASCO CON BARBIQUEJO Y RATCHET	CASCO DIELECTRICO CON BARBIQUEJO Y RATCHET	GORRA	GORRO SOLDADOR	GAFAS DE SEGURIDAD	GAFAS DE OXICORTE	CARETA / VISOR	CARETA PARA SOLDAR (PROTECCION CABEZA Y ROSTRO)	PREVENCION COVID-19 GAFAS DE BIOSEGURIDAD	PROTECTOR DE INSERCION	PROTECTOR TIPO COPA	RESPIRADOR PARA SOLDADURA (HUMOS METÁLICOS)	RESPIRADOR MATERIAL PARTICULADO	PREVENCION COVID-19 Protector Respiratorio de Bioseguridad Desechable	GUANTE CARNAZA SOLDADOR	GUANTES CARNAZA CORTOS	GUANTES DE VAQUETA	GUANTE DE LATEX	GUANTE DE NITRILO	GUANTE DIELÉCTRICO (1000 VOLTIOS	MANGAS DE CARNAZA	GUANTES DE CAUCHO	GUANTES ACPM	PREVENCION COVID-19 Guantes de Latex	BOTA SOLDADOR	BOTA DIELÉCTRICA	BOTAS O ZAPATO CON PUNTERA	BOTA DE CAUCHO CON PUNTERA	POLAINAS / CANILLERAS / PIERNERAS ANTICORTE	DELANTAL DE CUERO	OVEROL / UNIFORME (PANTALON Y CHAQUETA)	OVEROL PARA SOLDADOR	IMPERMEABLE (PANTALON Y CHAQUETA)	CHALECO REFLECTIVO Y/O DE IDENTIFICACION	ARNES DE SEGURIDAD, CUERPO ENTERO DIELECTRICO	ARNES DE SEGURIDAD, CUERPO ENTERO	ESLINGA DE POSICIONAMIENTO	ESLINGA EN Y
DIRECTOR DE OBRA	X					X				X	X	O			X			O										X	O					O	O	O	O
RESIDENTE SST	X					X		O		X	X	O	O	O	X													X	O					O	O	O	O
RESIDENTE DE OBRA		X				X		O		X	X	O	O	O	X			X										X	O					O	O	O	O
MAESTRO DE OBRA		X				X		O		X	X	O	O	O	X			X					O					X	O			X		O	O	O	O
OFICIAL DE OBRA		X				X		O		X	X	O	O	X	X			X					O					X	O			X		O		X	X	O
AYUDANTE DE OBRA		X				X		O		X	X	O	O	X	X			X					O					X	O			X		O		X	X	O
PERSONAL DE SOLDADURA					X	X		O	X	X	X	O	X		X	X					X					X				X	X		X		O	O	O	O
PERSONAL ELECTRICO			X			X				X	X	O		X	X						X						X					X			O		O	O
PERSONAL DE PLOMERIA		X				X				X	X	O		X	X			X		X								X	O			X		O				

VERSION 00

NOTA 1: Todos los trabajadores de las obras o proyectos (Directores, ingenieros, supervisores, interventores y visitantes) deben usar los elementos de seguridad requeridos de acuerdo a los protocolos en seguridad dados por la persona responsable de seguridad y salud en el trabajo. No se permite ingreso a obra en tenis, sandalias o tacones.

NOTA 2. Se debe actualizar la matriz si se crean nuevos cargos o si se identifican riesgos no valorados por procesos nuevos o actividades económicas nuevas, o por cambio en normatividad

NOTA 3. Los elementos de protección contra caidas se deberán seleccionar de acuerdo con la especificidad de la tarea a realizar y las condiciones del trabajo a realizar.

NOTA 4. El personal expuesto a riesgo eléctrico debe utilizar elementos de protección personal y de protección contra caidas DIELECTRICOS

INSPECCION DE OBRA

GRU SAS
GESTIÓN RURAL Y URBANA SAS

F-SST-07-VER-01

TIPO: GENERAL ☐ **ORDEN Y ASEO** ☐ **AREAS Y PARTES CRÍTICAS** ☐ **OTRA** ☐

PROYECTO: _____

FECHA INSPECCIÓN: _____ **No. Visita:** _____

ING. RESIDENTE: _____

1. SEGUIMIENTO A HALLAZGOS DE LA INSPECCIÓN ANTERIOR

ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIONES
1	Se tomaron las acciones correctivas o preventivas derivadas de la inspección anterior?				

2. INSPECCION EN CAMPO

2.1. SEÑALIZACIÓN

ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	SEGUIMIENTO
2	La obra cuenta con la señalización adecuada (EPP, primeros auxilios, extintores, riesgo eléctrico, excavaciones y demás señales preventivas para los riesgos identificados; punto de encuentro, rutas de evacuación, prohibido fumar, etc)					
3	Los senderos peatonales están debidamente señalizados.					
4	Tienen la cinta de seguridad bien instalada y organizada.					
5	La cinta de seguridad esta en buen estado.					
6	Existen avisos de restricción de acceso a personal no autorizado.					
7	La señalización es clara, contundente y de tamaño adecuado.					
8	Se encuentra en buen estado " condiciones, aseo".					
9	La ubicación es la adecuada, en cuanto a la altura, la facilidad de observarla.					

2.2. ORDEN Y ASEO EN OBRA

ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	SEGUIMIENTO
10	El almacenamiento de los materiales es el adecuado.					
11	Las sustancias químicas están almacenadas adecuadamente					
12	La herramienta se encuentra en orden y aseo.					
13	El contenedor se encuentra aseado.					
14	Los trabajadores están dejando sus prendas y uniformes organizados.					
15	Los baños se encuentran aseados.					
16	El material sobrante o reciclado esta debidamente aglomerado.					
17	Hay clasificación adecuada de los residuos.					
18	El acopio de materiales es el adecuado y esta señalizado.					
19	Los equipos en obra cuentan con la seguridad necesaria.					
20	Los equipos en general están aseados.					

2.3. EMERGENCIAS

ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	SEGUIMIENTO
21	El punto de encuentro está bien ubicado y se orienta o encuentra con facilidad.					
22	Los trabajadores saben donde esta ubicado el punto de encuentro.					
23	Existe el listado de teléfonos de emergencia y la lista de teléfonos de emergencia esta actualizada y completa.					
24	Existe alarma en la obra.					
25	Los trabajadores tienen conocimiento del código de sonidos.					
26	El botiquín de la obra es el adecuado, cuenta con los elementos necesarios, está debidamente ubicado y fácil de localizar.					
27	La obra cuenta con equipos para extinción de incendios					
28	La obra cuenta con la camilla adecuada.					
29	Es de fácil manipulación y acceso la camilla.					

2.4. ELEMENTOS DE PROTECCIÓN PERSONAL						SEGUIMIENTO
ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	
30	Se encuentra el personal con los EPP adecuados de acuerdo al riesgo que se expone.					
31	Se están realizando las diferentes actividades con la dotación acorde.					
32	Se tienen cascos de visitantes necesarios.					
2.5. EQUIPOS Y HERRAMIENTAS.						**SEGUIMIENTO**
ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	
33	Se tiene en obra un listado de equipos y herramientas existentes					
34	Los equipos y herramientas se encuentran en buen estado.					
35	Los cables y enchufes están en óptimas condiciones.					
36	Se tienen preoperacionales de los equipos.					
37	Los equipos están funcionando correctamente.					
2.6. ACTIVIDADES CRITICAS						**SEGUIMIENTO**
ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	
38	Las excavaciones están señalizadas.					
39	Se tiene en las excavaciones entibadas, taludes o protecciones necesarias.					
40	Se tiene la precaución necesaria para el enterramiento de tanques.					
41	Se tiene la precaución necesaria para la instalación del compresor.					
42	Se utiliza el arnés de seguridad en trabajos en altura.					
43	Se toman las medidas adecuadas cuando se efectúan cortes con pulidora.					
44	Se efectúan los controles de seguridad adecuados para el uso de soldadura.					
45	Se cuenta con procedimientos de trabajo seguro y están divulgados a los trabajadores.					
46	Se implementan los permisos para trabajo seguro.					
2.7. CARTELERA DE SEGURIDAD						**SEGUIMIENTO**
ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	
47	Se encuentran publicadas las políticas actualizadas.					
48	Se tiene publicada la licencia de construcción.					
49	Lista de personal con nombre, CC, rh, alergias a medicamentos, nombre y teléfono de familiar en caso de emergencia, entidades a las que pertenece EPS. ARL.					
50	Esta publicado el código de sonidos.					
51	Esta publicado el plano de la obra con la ruta de evacuación e identificando el punto de encuentro.					
52	Esta publicado el personal que es brigadista y perteneciente al COPASO					
53	Están identificados las instalaciones y centros de salud más cercanos.					
54	Se tienen publicadas las actividades críticas.					
3. DOCUMENTACIÓN Y FORMATOS.						
ITEM	DESCRIPCIÓN	C	NC	N A	OBSERVACIÓN	
55	Esta la carpeta con la C.C. y afiliaciones a ARL, EPS Y PENSION de todo el personal que labora enla obra					
56	Esta diligenciado y al día el formato control de entrega de EPP					
57	Esta diligenciado y al día el formato de dotación de botiquín.					
58	Se esta llevando el control de horas extras.					
59	Se esta llevando diario el control de asistencia de los trabajadores (Formato control de personal en obra).					
60	Se realizan las charlas de seguridad mínimo 2 semanales.					
61	Se tienen los registros de asistencia y fotográficos de las actividades realizadas (capacitaciones y demás actividades de promoción y prevención)					
62	Se esta realizando y se tienen los soportes de los reporte de accidentes de trabajo					
63	Se esta diligenciando la investigación de los accidentes ocurridos.					
64	Se tienen las hojas de seguridad de los productos químicos usados en obra.					
65	Están al día los pagos de aportes de seguridad social de todo el personal de obra.					
66	Se tiene el cronograma de actividades actualizado y con el cumplimiento					

4. MEDIO AMBIENTE						SEGUIMIENTO
4.1 MEDIDAS PARA MINIMIZAR IMPACTO AL MEDIO AMBIENTE						
ITEM		C	NC	N A	OBSERVACIÓN	
67	Se tiene e implementa un Programa de Manejo Ambiental de la obra (planes de acción, Fichas, Instructivos)					
68	Se cuenta con punto ecológico señalizado y se acopia adecuadamente los residuos de acuerdo a lo establecido en el programa ambiental					
69	Disposición y tratamiento de residuos peligrosos					
70	Ahorro de agua y energia					
71	Licencias y Permisos (escombreras, canteras, vertimientos)					
72	Control de vectores					
73	Control de emisión de ruido					

OBSERVACIONES GENERALES:

Las acciones preventivas, correctivas y de mejora se deberán registrar en el formato FO 8.3-8.5.1-2-3 REPORTE DE NO CONFORMIDAD, PRODUCTO NO CONFORME, QUEJAS - TRATAMIENTO Y SEGUIMIENTO DE ACCIONES CORRECTIVAS, PREVENTIVAS Y DE MEJORA

INSPECCIONADO POR: _____

NOMBRE: _____ CARGO: _____

FIRMA RESIDENTE OBRA/ RESPONSABLE OFICINA: _____

C: CUMPLE NC: NO CUMPLE NA: NO APLICA

INSPECCION DE EQUIPO DE PROTECCIÓN PERSONAL

GRU. GESTIÓN RURAL Y URBANA S.A.S

F-SST-08-VER-01

EMPRESA / CONSORCIO _____ **OBRA:** _____ **FECHA :** dd / mm / aa

RESIDENTE DE OBRA _____ **SUBCONTRATISTA** _____

INSPECCION REALIZADA POR: _____ **CARGO:** _____

No.	CARGO	NOMBRE DEL EMPLEADO	DEBE USAR										ESTADO	USA		NO USA POR				MEDIDAS DE CONTROL				
			U	C	GU	B	PR	PA	GS	V	E	H		SI	NO	NS	NP	NQ	NT	1	2	3	4	5
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								

DEBE USAR				NO USA POR	ESTADO	MEDIDAS DE CONTROL
U	Uniforme	C	Casco	NS: NO SABE	1. Especifique según el elemento de protección personal de que parte del mismo tiene alguna observación, seleccionando el código de la lista.	1. INSTRUCCIÓN
GU	Guantes	B	Botas	NP: NO PUEDE	Por ejemplo, Lentes de las gafas rayados -----> (GS-7, OB-7)	2. MOTIVACIÓN
PR	Proteccion Respiratoria	V	Visor	NQ: NO QUIERE NT: NO TIENE	2. Especifique de la siguiente lista la observación:	3. CAMBIO DE E.P.P.
PA	Protectores auditivos			Marque con XX el EPP que no usa por alguno de estos motivos	OB-1 Abollado OB-5 Oxidado	4. MEDIDAS PENDIENTES
GS	Gafas de seguridad				OB-2 Desajustado OB-6 Roto	5. OTRAS:
E	Equipo impermeable				OB-3 Deteriorado OB-7 Rayado	
H	Otro Cual?				OB-4 Fisuras OB-8 Talla diferente	

OBSERVACIONES

_____

_____

FIRMA _____ FIRMA _____

ENCARGADO DE LA INSPECCION ENCARGADO DE LA OBRA

INSPECCION DE EQUIPO DE PROTECCIÓN PERSONAL
CODIGOS ELEMENTOS DE PROTECCION PERSONAL

PROTECTORES AUDITIVOS
- PA-1 Aditamento para el casco
- PA-2 Banda
- PA-3 Cojines
- PA-4 Copas
- PA-5 Sello protector

CASCOS
- C-1 Banda frontal
- C-2 Casquete de seguridad
- C-3 Cuerda anticontusión
- C-4 Tafilete

GAFAS DE SEGURIDAD
- GS-1 Aros
- GS-2 Bisagras
- GS-3 Brazos
- GS-4 Cinta elástica
- GS-5 Copas
- GS-6 Hebillas
- GS-7 Lente
- GS-8 Protectores laterales
- GS-9 Puente

VISOR
- V-1 Base ventilación
- V-2 Cinta elástica
- V-3 Lente filtrante
- V-4 Lumbreras ventilación
- V-5 Montura
- V-6 Visor

INSPECCIÓN EQUIPOS DE PROTECCIÓN CONTRA CAÍDAS

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S

F-SST-10-VER-02

OBRA / PROYECTO:		FECHA INSPECCIÓN:	
ACTIVIDAD A REALIZAR:			

PERSONA QUE UTILIZARÁ EL EQUIPO			
NOMBRE	CARGO	CÉDULA	FIRMA
PERSONA QUE INSPECCIONA EL EQUIPO			
NOMBRE	CARGO	CÉDULA	FIRMA

ARNÉS

Serie del Equipo:		Código	
Marca:			

Partes	Aspectos a Inspeccionar	Si	No	Observaciones
Cintas / Correas	¿Perforadas, cortadas o rotas?			
	¿Hilos sueltos o rotos?			
	¿Desgastadas?			
	¿Hay torsión, dobleces?			
	¿Presentan suciedad?			
	¿Quemaduras?			
	¿Pérdida de color original?			
	¿Salpicadura de pintura?			
	¿Rigidez por químico adherido?			
	Contaminación por otro químico			
	Otros:			
Costuras	¿Desgastadas?			
	¿Rotas?			
	Otros:			
Partes Metálicas	¿Completas?			
	¿Presentan corrosión?			
	¿Deformación, fisuras?			
	¿Desgaste de recubrimiento?			
	Otros:			
Aprobado para su uso				

ESLINGA CON ABSORBEDOR

Serie del Equipo:		Código	
Marca:			

Partes	Aspectos a Inspeccionar	Si	No	Observaciones
Absorbedor	¿Desgarrada o con roturas?			
	¿Costuras sueltas o rotas?			
	¿Cubierta dañada?			
	¿Presentan suciedad?			
	¿Quemaduras?			
	¿Salpicadura de pintura?			
	¿Rigidez por químico adherido?			
	Contaminación por químico			
	Otros:			
Cintas / Correas	¿Hilos sueltos o rotos?			
	¿Desgastadas?			
	¿Hay torsión, dobleces?			
	Otros:			
Partes Metálicas	¿Completas?			
	¿Presentan corrosión?			
	¿Deformación, fisuras?			
	¿Desgaste de recubrimiento?			
	¿Funcionamiento correcto?			
	Otros:			
Aprobado para su uso				

ESLINGA DE POSICIONAMIENTO

Serie del Equipo:		Código	
Marca:			

Partes	Aspectos a Inspeccionar	Si	No	Observaciones
Mosquetones	¿Tienen doble seguro?			
	¿Presentan corrosión?			
	¿Deformación, fisuras?			
	¿Desgaste de recubrimiento?			
	¿Funcionamiento correcto?			
	¿Ojetes deformados o rotos?			
	Otros:			
Cintas / Correa / Cuerda	¿Hilos sueltos o rotos?			
	¿Desgastadas?			
	¿Hay torsión, dobleces?			
	¿Presenta roturas o cortes?			
	Otros:			
Aprobado para su uso				

ANCLAJES

Partes	Aspectos a Inspeccionar	Si	No	Observaciones
Anclaje	¿Punto por encima de cabeza?			
	¿Dispositivos compatibles?			
	¿Punto diferente a estructura de trabajo?			
	¿Garantiza resistencia?			
	¿Suficiente para los usuarios?			
Cuerda	¿Hilos sueltos o rotos?			
	¿Desgastadas?			
	¿Libre de nudos y empates?			
	Contaminación por químico			
Otros:				

ARRESTADOR O FRENO DE SEGURIDAD

Aspectos a Inspeccionar	Si	No	Observaciones
¿Presentan corrosión?			
¿Deformación, fisuras?			
¿Desgaste de recubrimiento?			
¿Funcionamiento correcto?			
Otros:			

LINEA DE VIDA

Aspectos a Inspeccionar	Si	No	Observaciones
¿Está protegido contra arista?			
¿La línea es horizontal o vertical?			
Personas aseguradas a la línea de vida			
¿Hilos sueltos o rotos?			
¿Desgastadas?			
¿Certificada?			
¿Libre de nudos y empates?			
¿Contaminación por químico?			
Otros:			

Notas: En la línea vertical solo se permite el anclaje de una sola persona. En la línea de vida horizontal se pueden asegurar varias personas, pero esta debe estar asegurada por tramos (1 personas por cada tramo y cada tramo debe tener en distancia 3m máximo) y garantizar como mínimo 5000 libras de resistencia por persona asegurada.

FORMATO DE INSPECCION DE EXTINTORES

GRU SAS
GESTION RURAL Y URBANA SAS

F-SST-14-VER-02

AREA:	ADMINISTRATIVA		OBRA:		FECHA DE INSPECCION
	OPERATIVA				

#	TIPO DE EXTINTOR	CAPACIDAD (Lb)	FECHA DE RECARGA		UBICACIÓN	CONDICIONES DEL EXTINTOR (B: BUENO. M: MALO)												
			ACTUAL	PROXIMA		ACCESO (FACIL Y VISIBLE)	INSTALACION EN SITIO DESIGNADO Y/O ADECUADO	ALTURA ADECUADA (A 1.02 m del nivel del suelo)	INSTRUCCIONES DE USO (LEGIBLES)	SELLO GARANTIA	MANOMETRO (AGUJA EN RANGO VERDE)	PASADOR	MANIJA DE TRANSPORTE	RECIPIENTE	MANGUERA	PINTURA	ANILLO VERIFICACION MANTENIMIENTO	SEÑALIZACION / DEMARCACION

#	RESUMEN ESTADO DE EXTINTORES	ACCIONES A SEGUIR	RESPONSABLE	FECHA

NOMBRE DE QUIEN REALIZA LA INSPECCIÓN		NOMBRE ENCARGADO	
FIRMA DE QUIEN REALIZA LA INSPECCION		FIRMA	
CARGO:		CARGO	

INSPECCION ANDAMIOS

GRU SAS
GESTIÓN RURAL Y URBANA SAS

F-SST-15-VER-01

Obra: **Fecha de ensamble:**

Ubicación dentro de la obra:

Trabajo a ejecutar:

Todas las personas que arman andamios, deben estar entrenadas

No.	ASPECTO Y/O ELEMENTOS A VERIFICAR	CUMPLIMIENTO		
		Si	No	NA
1	La plataforma de trabajo de la ùltima secciòn del andamio, cuenta con barandas en todo su perímetro para evitar caídas (altura de la baranda de 1.2 mts)?	☐	☐	☐
2	Los soportes, diagonales, escaleras y tuberías están libres de daños, agujeros o defectos estructurales?	☐	☐	☐
3	La plataforma de trabajo cubre el 75% del área del andamio (Mínimo 2 tablones de 25 cms de ancho)?	☐	☐	☐
4	La plataforma de trabajo tiene instalado rodapiés en todos su lados para evitar caídas de herramientas y otros objetos?	☐	☐	☐
5	Se encuentra el andamio amarrado cada tres secciones entre si ?	☐	☐	☐
6	Están instaladas todas las trabas de las diagonales?	☐	☐	☐
7	Los vientos de sujeción empleados son de manila o guaya acerada?, no es aceptable alambre.	☐	☐	☐
8	Los tablones utilizados para la plataformas del andamio cumplen las siguientes especificaciones:			
	a) Dos (2) pulgadas de grosor?	☐	☐	☐
	b) Sobresalen 30 cms a lado y lado del andamio como máximo?	☐	☐	☐
	c) No poseen nudos, partiduras, astillados, ni deformaciones algunas que disminuyan su resistencia estructural?	☐	☐	☐
	d) Tienen mínimo de ancho 25 cms cada uno?	☐	☐	☐
	e) Están colocados lo más juntos posible de manera que cubren toda la luz entre los soportes?	☐	☐	☐
	f) Están amarrados a la estructura del andamio?	☐	☐	☐
9	Los postes de los andamios están verticales y asegurados en forma rígida para evitar desplazamientos o balanceos?	☐	☐	☐
10	El andamio esta instalado y nivelado sobre bases sólidas? Tablones, platinas, **NO es aceptable ladrillos**	☐	☐	☐
11	Los acoples macho-hembra se encuentran en buen estado?	☐	☐	☐
12	Los módulos del andamio están asegurados entre secciones?	☐	☐	☐
13	Las plataformas del andamio se encuentran libres de residuos, despuntes, materiales, etc?	☐	☐	☐
14	Se tenderán extensiones eléctricas en el andamio?. Los tendidos y líneas de conducción de electricidad están aislados?	☐	☐	☐
15	Las personas que laboran sobre el andamio, han recibido entrenamiento para realizar tareas sobre los mismos?	☐	☐	☐
16	Se dispone de Arnés de seguridad y demás elementos necesarios de protección contra cáidas para trabajar sobre los andamios?	☐	☐	☐
17	Está señalizada el área alrededor del andamio?	☐	☐	☐

OBSERVACIONES:

TENGA EN CUENTA:

Si una o más respuestas son negativas (NO), **la condición debe ser corregida** antes de autorizar el uso del andamio.

Esta lista de verificación debe realizarse **cada vez que se modifique o se instale un nuevo andamio** y permanecer en terreno.

Todo andamio que no cuente con esta verificación autorización **no puede ser utilizado.**

_____

FIRMA DE QUIEN INSPECCIONA

Nombre: _____

Cargo: _____

INSPECCION ESCALERAS DE MANO

GRU SAS
GESTIÓN RURAL Y URBANA SAS

F-SST-16-VER-02

Fecha de inspección: _____ **Ubicación de la escalera de mano:**_____

Inspeccionada por: _____**Tipo de escalera: Escalera de tijera** **E☐alera extensible** **A☐ıra trabajo:** _____

No.	ASPECTO A VERIFICAR	SI	NO	NA
1	Están los largueros de la escalera en buen estado? (Sin bordes afilados, rajados o doblados)	☐	☐	☐
2	Están los travesaños o escalones en buen estado?	☐	☐	☐
3	El tope superior está en buen estado?	☐	☐	☐
4	Están las zapatas en buen estado?	☐	☐	☐
5	Si es una escalera de extensión está en buen estado la: Polea	☐	☐	☐
	Cuerda	☐	☐	☐
6	Las extensiones de escaleras ruedan correctamente dentro de las guías de la escalera principal?	☐	☐	☐
7	Los ganchos de seguridad de la extensión aseguran correctamente en los peldaños de la escalera principal?	☐	☐	☐
8	El ángulo de la escalera está correcto? (Si no puede calcular, párese frente a la escalera, estire los brazos, formando un ángulo de 90 grados hasta alcanzar el peldaño).	☐	☐	☐
9	La escalera está libre de materiales grasosos, aceitosos o resbaladizos?	☐	☐	☐
10	La escalera está libre de partes oxidadas, corroidas, rajadas, sueltas o flotantes?	☐	☐	☐
11	La escalera tiene etiqueta y es legible?	☐	☐	☐
12	Si la escalera tiene entre 4 y 8 metros de longitud, debe ser izada por mínimo dos personas	☐	☐	☐
13	La tarea a realizar está relacionada con sistemas eléctricos? (no debe permitirse el uso de escaleras metálicas para estas actividades)	☐	☐	☐
14	Cada uno de los ejecutantes cuenta con arnés de seguridad y eslinga?	☐	☐	☐
15	Escalera extensible o de mano, quedan mínimo 1 metro de escalera por encima del punto final de apoyo superior?	☐	☐	☐
16	La escalera está amarrada a una estructura de soporte fijo y seguro?	☐	☐	☐

OBSERVACIONES:

* Coloque la escalera de mano fuera de servicio si una o más respuestas son negativas (NO), **la condición debe ser corregida antes de autorizar su uso**.

* Si la escalera no se puede usar etiquétela como “Dañada - no usar”

FIRMA DE QUIEN INSPECCIONA

Nombre: _____

Cargo: _____

FIRMA DEL RESPONSABLE DEL ÁREA

Nombre: _____

Cargo: _____

INSPECCION DE BOTIQUIN

GRU SAS
GESTIÓN RURAL Y URBANA S.A.S
F-SST-18-VER-01

FECHA: **UBICACIÓN:**

INSPECCION REALIZADA POR:

CARGO DE QUIEN REALIZA LA INSPECCION:

Resolución 0705 de 2007 El secretario distrital de salud. En ejercicio de sus facultades legales dispone que se debe contar con un botiquín de primeros auxilios, con los siguientes implementos basicos con el fin de atender las emergencias que se presenten en sus instalaciones.

TIPO A

CANT.	MATERIAL DE CURACIÓN Y APOYO	EXISTENCIA	REPOSICIÓN	FECHA DE VENC.	OBSERVACIONES
1	GASAS LIMPIAS PAQUETE				
1	ESPARADRAPO DE TELA ROLLO de 4"				
1	BAJALENGUAS PAQUETE X 20.				
1	GUANTES DE LATEX PARA EXAMEN				
1	VENDA ELÁSTICA 2 X 5 YARDAS				
1	VENDA ELÁSTICA 3 X 5 YARDAS				
1	VENDA ELÁSTICA 5 X 5 YARDAS				
1	VENDA DE ALGODÓN 3 X 5 YARDAS				
1	VENDA DE ALGODÓN 3 X 5 YARDAS				
2	AGUA Y JABON DESINFECTANTE				
1	SOLUCIÓN SALINA 250 cc ó 500 cc				
1	TERMÓMETRO DE MERCURIO O DIGITAL				
1	ALCOHOL ANTISÉPTICO FRASCO POR 275 ml				
	ELEMENTOS DE APOYO				
1	Listado uso de elemento				
1	Manual de Primeros Auxilios				

EL BOTIQUÍN ESTÁ EN UN LUGAR VISIBLE: SÍ:_____ NO:_____

EL BOTIQUÍN ESTÁ EN BUEN ESTADO: SÍ:_____ NO:_____

SE TIENEN ELEMENTOS ADICIONALES DENTRO DEL BOTIQUIN. CUALES: _____

RECOMENDACIONES: _____

RESPONSABLE INSPECCION_____ ENTREGADO A_____

El contenido de los botiquines no debe modificarse sin previa autorizacion del encargado del SG-SST.

INSPECCION DE ORDEN Y ASEO EN OBRA	GRU GESTION RURAL Y URBANA S.A.S F-SST-19-VER-02

Fecha de realizacion:	
Obra o Proyecto:	

Un lugar está en orden cuando no hay cosas innecesarias y cuando todas las cosas necesarias se encuentran en su respectivo lugar	**Bueno / Si**	**A mejorar / No**	**No Aplica**
MAQUINARIA Y EQUIPOS			
Limpias y libres de todo material innecesario			
Libres de filtraciones de aceite y grasa			
Protecciones, guardas adecuadas y en buenas condiciones			
ALMACENAMIENTO DE MATERIALES			
Apilados y ordenados en forma adecuada			
Medios de transporte de carga almacenados en lugares adecuados de forma segura y ordenada			
Maderas ubicadas en un solo punto y sin puntillas que generen riesgo de accidente para el personal			
HERRAMIENTAS			
Adecuadamente almacenadas			
Limpias de aceite y grasa al guardarlas			
Mangos seguros y en buen estado			
OFICINA			
Pasillos con ancho mayor a 1,2 metros			
Pasillo claramente demarcados			
Posee superficies seguras y aptas para el trabajo			
manchas de aceite y grasa			
Se dispone de un lugar para el papel de oficina a reciclar			
DISPOSICIÓN DE RESIDUOS			
Señalización de las canecas de disposición de residuos			
Residuos dispuestos en la caneca correspondiente:			
Blanco (Residuos aprovechables): Vidrio, plastico, carton, papel y metales			
Verde (Residuos orgánicos aprovechables):Restos de comida, desechos agricolas.			
Negro (Residuos No aprovechables): Papel higienico, servilletas, papeles y cartones contaminados con comida, papeles metalizados.			
EDIFICACIONES			
Muros y ventanas limpias y libres de cosas innecesarias (contaminación visual)			
Limpieza de las luminarias			
Escaleras limpias, libres de materiales, bien iluminadas, con barandas apropiadas y escalones en buenas condiciones			
TERRENOS A CAMPO ABIERTO, OBRA			
Se encuentran señalizados los peligros			
Se encuentra la zona de trabajo sin desperdicios y basuras en el piso			
Se encuentran las vias de transporte y tránsito de personal sin manchas, goteos y derrames de productos quimicos peligrosos.			
Se almacenan los combustibles en lugares adecuados y se tienen sus recipientes en buen estado de limpieza y orden.			
Baños portatiles y/o fijos se encuentran aseados y limpios.			

ACCIONES A TOMAR	**FECHA REALIZACIÓN**	**RESPONSABLE**

Inspeccionó: _____ Quien atiende la inspección _____

Nombre _____ Nombre _____

Cargo: _____ Cargo: _____

INSPECCION DE HERRAMIENTA MANUAL Y MECANIZADA

FECHA:	**OBRA:**			
NOMBRE DE QUIEN REALIZA LA INSPECCION:		**CARGO**		F-SST-20-VER-01

I. Herrramientas manuales y mecanizadas	**SI**	**NO**	**OBSERVACIONES**
1. Se utilizan las herramientas diseñadas especialmente para la tarea?			
2. Se utiliza la herramienta de forma adecuada?			
2.1 Las herramientas manuales (alicates, martillos, cincel, macetas, punzones, palas, ceguetas, machetes,etc) tienen sus agarraderas/ sujetadores en buen estado de funcionamiento?			
2.2 Las puntas de las herramientas (mazo, filos, etc) no presentan superficies que podrían desprenderse o romperse?			
3. Las herramientas utilizadas están en perfectas condiciones (aptas para su utilización y funcionamiento)?			
4. El transporte de herramientas de un lugar a otro se realiza de forma adecuada? (utilización de portaherramientas, caja de harramientas o carros de transporte) según sea el caso y tipo de herramienta.			
5. Las herramientas electricas presentan sus aislamientos/ coberturas libre de fallas o cortaduras y tienen puesta a tierra?			
5.1 Las herramientas eléctricas tiene sus cables y conexiones sin roturas o fallas evidentes.			
6. El uso de las herramientas electricas por parte del operario es la correcta? Cuenta con (Uso EPP, Aseguramiento del Area, Conocimiento de la herramienta a utilizar)			
8. Se usan herramientas livianas como para no forzar el brazo y el hombro?.			
9. Herramientas dañadas, con defectos o gastadas son removidas de la obra hasta que sean reparadas?.			
10. Los trabajadores solo usan herramientas con las cuales tienen expericia o han sido entrenados.			
11. Las tareas son variadas para evitar que la misma herramienta no sea usada todo el dia cansando la mano.			
12. Los trabajadores que usan herramientas siempre usan proteccion ocular (Gafas de seguridad).			
13. Cuando el trabajo con herramientas presenta posibles riesgos de cortaduras, quemaduras, peligros físicos o químicos, los trabajadores usan protección para las manos y proteccion respiratoria. (guantes, tapa bocas).			
14. Las herramientas son guardadas en bolsas de herramientas u otros recipientes apropiados cuando no están en uso. Herramientas con filo o putiagudas son guardas en bolsas de herramientas o estuches?			
15. Las herramientas no se deben dejar en las escaleras, andamios o areas de trabajo arriba de la cabeza. Esta usted pendiente de esto?			
16. Toda herramienta/ mecanizada (equipo rotativo) dispone de su respectiva guarda de protección? (amoladoras, sierra circular, pulidora, mezcladora,etc).			
17. Las herramientas y equipos están libres de suciedad, grasa o material que pueda dañarlas y se encuentran almacenadas ubicadas en lugares accesibles y libre de cualquier afectación o daño?			

OBSERVACIONES DE LA INSPECCION

FIRMA DE QUIEN REALIZA LA INSPECCION
FIRMA DE QUIEN ACOMPAÑA LA INSPECCION

INSPECCIONES DE SEGURIDAD Y SALUD EN EL TRABAJO	GRU SAS GESTIÓN RURAL Y URBANA SAS
PREOPERACIONAL MEZCLADORA	F-SST-21-VER-01

SEMANA: _____ **CONTRATO:** _____

OPERADOR: _____ **FRENTE:** _____

MEZCLADORA

ASPECTOS A EVALUAR	ESTADO (Indicar número de acuerdo con listado de la parte inferior)						
	LUNES	MARTES	MIERCOLES	JUEVES	VIERNES	SABADO	DOMINGO
OLLA MEZCLADORA							
ASPAS METALICAS							
SEGURO DE VOLTEO							
PROTECTOR (Engrane de volteo)							
VOLANTE							
GRASERAS ZERK							
NIVEL DE ACEITE (motor)							
TANQUE DE COMBUSTIBLE							
CADENA DE SEGURIDAD							
BARRA PARA REMOLCAR							
SUSPENSIÓN DEL MUELLE							
LLANTAS							
INTERRUPTOR DE ENCENDIDO / APAGADO							
COMPARTIMENTO (Porteje el motor)							
* FRENO DE SEGURIDAD(TAMBOR)							
PINTURA							
ASEO							
*PUNTO CRITICO QUE INHABILITA EL EQUIPO PARA OPERAR							
FIRMA OPERADOR TECNICO							

OBSERVACIONES/ RECOMENDACIONES:

ESTADO:

1 Cumple especificaciones	3 Realizar mantenimiento preventivo	5 Reemplazar equipo
2 No cumple especificaciones	4 Realizar mantenimiento Correctivo	6 Otro

Quien realiza la inspección:		**Revisado por.:**	
Cargo:		Cargo:	
Firma.:		Firma.:	

INSPECCIONES DE SEGURIDAD Y SALUD EN EL TRABAJO	GRU SAS GESTIÓN RURAL Y URBANA S.A.S
PREOPERACIONAL DE PULIDORA Y GRATA	F-SST-22-VER-01

SEMANA: _____ **CONTRATO** _____

OPERADOR _____ **FRENTE:** _____

PULIDORA							
ASPECTOS A EVALUAR	**ESTADO (Indicar número de acuerdo con listado de la parte inferior)**						
	LUNES	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
ENCENDIDO							
MANGO AUXILIAR							
MANGO DE SUJECIÓN							
GUARDA EN POSICIÓN DEL DISCO DE PULIR							
DISCO DE PULIR COMPLETO (SIN FISURAS)							
PINTURA							
ASEO							
TORNILLERÍA EN GENERAL							
CABLE DE CONEXIÓN							
CLAVIJA DE CONEXIÓN							
TUERCA DE ASEGURAMIENTO DEL DISCO							
LLAVE PARA ASEGURAR EL DISCO							
REVISAR RPM DEL DISCO; Q SEAN > O = A LA DE LA PULIDORA							
BOTON DE BLOQUEO DEL HUSILLO							
FIRMA OPERADOR TECNICO							

GRATA MECÁNICA							
ASPECTOS A EVALUAR	**ESTADO (Indicar número de acuerdo con listado de la parte inferior)**						
	LUNES	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
ENCENDIDO							
GUARDA EN POSICIÓN							
CEPILLO COMPLETO (SIN FISURAS)							
PINTURA							
ASEO							
TORNILLERÍA EN GENERAL							
CABLE DE CONEXIÓN							
CLAVIJA DE CONEXIÓN							
TUERCA DE ASEGURAMIENTO DEL DISCO							
LLAVE PARA ASEGURAR EL DISCO							
MANGO DE SUJECIÓN							
FIRMA OPERADOR TECNICO							

OBSERVACIONES/ RECOMENDACIONES:

ESTADO:

1 Cumple especificaciones

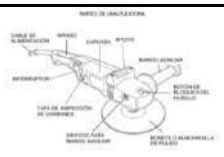
2 No cumple especificaciones

3 Realizar mantenimiento preventivo

4 Realizar mantenimiento Correctivo

5 Reemplazar equipo

6 Otro



Quien realiza la inspección:		**Revisado por.:**	
Cargo:		Cargo:	
Firma.:		Firma.:	

INSPECCIONES DE SEGURIDAD Y SALUD EN EL TRABAJO	GRU SAS GESTIÓN RURAL Y URBANA S.A.S
PREOPERACIONAL DE TALADRO	F-SST-23-VER-01

SEMANA: _____ **CONTRATO** _____

OPERADOR _____ **FRENTE:** _____

TALADRO PERCUTOR							
ASPECTOS A EVALUAR	**ESTADO (Indicar número de acuerdo con listado de la parte inferior)**						
	LUNES	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
ENCENDIDO / PERCUTOR							
TOPE DE PROFUNDIDAD							
PORTABROCAS							
PINTURA							
ASEO							
TORNILLERÍA EN GENERAL							
CABLE DE CONEXIÓN							
CLAVIJA DE CONEXIÓN							
REGULADOR DE VELOCIDAD MANUAL							
LLAVE PARA ASEGURAR LA BROCA							
REGULADOR DE VELOCIDAD AUTOMATICO							
MANGO DE SUJECIÓN							
FIRMA OPERADOR TECNICO							

TALADRO NORMAL							
ASPECTOS A EVALUAR	**ESTADO (Indicar número de acuerdo con listado de la parte inferior)**						
	LUNES	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
ENCENDIDO							
TOPE DE PROFUNDIDAD							
PORTABROCAS							
PINTURA							
ASEO							
TORNILLERÍA EN GENERAL							
CABLE DE CONEXIÓN							
CLAVIJA DE CONEXIÓN							
REGULADOR DE VELOCIDAD MANUAL							
LLAVE PARA ASEGURAR LA BROCA							
REGULADOR DE VELOCIDAD AUTOMATICO							
MANGO DE SUJECIÓN							
FIRMA OPERADOR TECNICO							

OBSERVACIONES/ RECOMENDACIONES

ESTADO:

1 Cumple especificaciones
2 No cumple especificaciones
3 Realizar mantenimiento preventivo
4 Realizar mantenimiento Correctivo
5 Reemplazar equipo
6 Otro

Quien realiza la inspección:		**Revisado por.:**	
Cargo:		Cargo:	
Firma.:		Firma.:	

INSPECCIONES DE SEGURIDAD Y SALUD EN EL TRABAJO	GRU SAS GESTIÓN RURAL Y URBANA SAS
PREOPERACIONAL VIBRADOR	F-SST-24-VER-01

SEMANA: _____ **CONTRATO** _____

OPERADOR _____ **FRENTE:** _____

VIBRADOR ELÉCTRICO							
ASPECTOS A EVALUAR	**ESTADO (Indicar número de acuerdo con listado de la parte inferior)**						
	LUNES	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
ENCENDIDO							
CABEZAL VIBRADOR							
MANGUERA PROTECTORA							
PINTURA							
ASEO							
TORNILLERÍA EN GENERAL							
CABLE DE ALIMENTACION							
CLAVIJA DE CONEXIÓN							
PARTE INFERIOR TUBO							
FIRMA OPERADOR TECNICO							

VIBRADOR GASOLINA/A.C.P.M.							
ASPECTOS A EVALUAR	**ESTADO (Indicar número de acuerdo con listado de la parte inferior)**						
	LUNES	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
ENCENDIDO							
CABEZAL VIBRADOR							
MANGUERA PROTECTORA							
PINTURA							
ASEO							
TORNILLERÍA EN GENERAL							
TANQUE COMBUSTIBLE							
NIVEL DE ACEITE (Motor)							
PARTE INFERIOR TUBO							
CORREA							
FIRMA OPERADOR TECNICO							

OBSERVACIONES/ RECOMENDACIONES:

ESTADO:

1 Cumple especificaciones
2 No cumple especificaciones
3 Realizar mantenimiento preventivo
4 Realizar mantenimiento Correctivo
5 Reemplazar equipo
6 Otro

Quien realiza la inspección:		**Revisado por.:**	
Cargo:		Cargo:	
Firma.:		Firma.:	

VERIFICACIÓN Y OPERACIÓN DIARIA DE MAQUINARIA Y/O EQUIPO

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S

F-SST-27-VER-00

CONTRATO No. _____ **PERÍODO EVALUADO: DE** _____ **A** _____

OBJETO DEL CONTRATO

No. INTERNO	**TIPO**
	REFERENCIA
PLACA	**ÚLTIMO MANTENIMIENTO EFECTUADO**
	Fecha / Horómetro / Kilometraje

CONDICIONES GENERALES		Día:			Día:			Día:			Día:			Día:			Día:			Día:		
		B	M	N.A.	B	M	N.A.	B	M	N.A.	B	M	N.A.	B	M	N.A.	B	M	N.A.	B	M	N.A.
Horómetro																						
Nombre del Operador																						
Estado físico																						
EPP																						
SEGURIDAD	No. Interno																					
	Extintor																					
	Frenos																					
	Freno de Seguridad																					
	Nivel Liquido Frenos																					
	Dirección																					
	Nivel Hidráulico																					
	Llantas																					
	Orugas																					
	Línea reflectiva																					
	Pito de Reversa																					
	Espejos																					
	Cinturon de Seguridad																					
	Mandos Operación																					
	Otro:																					
SISTEMA ELÉCTRICO	Sistema de Luces																					
	Banderola																					
	Baliza																					
	Batería (Niveles)																					
	Encendido																					
	Otro:																					
OTROS	Estructura general																					
	Sistema de Anclaje																					
	Embragues																					
	Estructura de la Torre																					
	Cables y Poleas																					
	Estructura de soporte																					
	Sistema de Tracción																					
	Sist. Accionamiento																					
	Sistema hidráulico																					
	Compuertas																					
	Carpas																					
	Sistema de Escape																					
	Mandos Operación																					
	Otro:																					

MANTENIMIENTO POR FUERZA MAYOR - CORRECTIVO (DETECCIÓN DE FUGAS, AVERÍAS Y NO CONFORMIDADES CUANDO HAYA LUGAR)

Mantenimiento efectuado							
Lugar de la reparación							
Tiempo de duración							
Personal responsable							

NOTAS

No. INTERNO: Identificación exterior empleada por la Maquinaria, Equipo y/o Vehículos vinculados al Proyecto.

REFERENCIA: Clasificación según la capacidad o especificaciones dados por la Marca o Fabricante de la Maquina, Equipos y/ Vehículo.

TIPO: Conjunto de características que definen la carrocería o el trabajo que desarrolla una Maquina, Equipo o Vehículo.

(Firma)

(Nombre)

QUIEN REALIZA LA INSPECCIÓN

INSPECCIÓN DE SEGURIDAD - CAMILLAS

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S

F-SST-44 00

Ubicacion Camilla inspeccionada:	
Fecha de la inspección:	
Nombre de quien realiza la inspección:	
Cargo:	

ESTADO	VALORACIÓN	
	CONFORME	NO CONFORME
Instalación (situación de ubicación)		
Señalización		
Estado de Lona		
Correas de Seguridad		
Sujetadores para Cargue		
Crucetas de Seguridad		
Soporte de Descanso		
Inmovilizador de cabeza		
Limpieza		

OBSERVACIONES FINALES Y RECOMENDACIONES

NOTA: Las novedades encontradas deberán estar solucionadas antes de la próxima inspección.

Firma del Inspector:	

LISTA DE CHEQUEO PRE-OPERACIONAL
SIERRA CIRCULAR

GRU SAS
GESTIÓN RURAL Y URBANA SAS

F-SST-46 00

EQUIPO:	OBRA:	SEMANA:

Instructivo: Verificar cada uno de los ítems en la lista, indicando si se encuentra bien (B), mal (M), o si no aplica (N/A). Si encuentra alguna anomalía o tiene alguna observación, descríbala en el campo de "observaciones" en la parte inferior del documento y repórtela en "hallazgos y seguimiento".

CONCEPTO	LUNES			MARTES			MIÉRCOLES			JUEVES			VIERNES			SÁBADO			DOMINGO		
	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A
El disco al usar es el correcto en RPM con respecto a la maquina																					
El trabajador presenta su careta, lentes, prtecciòn auiditiva																					
Tiene su guarda de seguridad bien ajustada																					
El cable alimentador electrica se encuentra en buen estado																					
El cable y enchufe no presentan daños																					
El operador tiene experiencia en el uso de este equipo																					
El disco a usar es el correcto para la labor (Disco para corte mas delgado o disco para esmarilado mas grueso)																					
FIRMA DE QUIEN REALIZA LA INSPECCION																					

OBSERVACIONES:

HALLAZGOS Y SEGUIMIENTO

FECHA	HALLAZGO	ACCIÓN TOMADA	RESPONSABLE	FIRMA

FIRMAS		
	FIRMA OPERADOR	
	FIRMA SST	

LISTA DE CHEQUEO PRE-OPERACIONAL TRONZADORA

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S

F-SST-47 00

EQUIPO:	OBRA:	SEMANA:

Instructivo: Verificar cada uno de los ítems en la lista, indicando si se encuentra bien (B), mal (M), o si no aplica (N/A). Si encuentra alguna anomalía o tiene alguna observación, descríbala en el campo de "observaciones" en la parte inferior del documento y repórtela en "hallazgos y seguimiento".

CONCEPTO	LUNES			MARTES			MIÉRCOLES			JUEVES			VIERNES			SÁBADO			DOMINGO		
	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A
El disco al usar es el correcto en RPM con respecto a la maquina																					
El trabajador presenta su careta, lentes, protecciòn auiditiva																					
Tiene su guarda de seguridad bien ajustada																					
El cable alimentador electrica se encuentra en buen estado																					
El cable y enchufe no presentan daños																					
El operador tiene experiencia en el uso de este equipo																					
El disco a usar es el correcto para la labor (Disco para corte mas delgado o disco para esmarilado mas grueso)																					
FIRMA DE QUIEN REALIZA LA INSPECCION																					

OBSERVACIONES:

HALLAZGOS Y SEGUIMIENTO

FECHA	HALLAZGO	ACCIÓN TOMADA	RESPONSABLE	FIRMA

FIRMAS		
	FIRMA OPERADOR	
	FIRMA SST	

INSPECCIÓN DE VIBROCOMPACTADOR

GRU SAS
GESTIÓN RURAL Y URBANA SAS

F-SST-54 00

MARCA:		**OPERADOR:**		**CÉDULA**	
		MODELO/SERIAL:		**COLOR:**	
UBICACIÓN:		**SUPERVISOR:**		**ZONA:**	
		SEMANA DEL:	**AL**	**MES**	**AÑO**

	DESCRIPCION		**APLICA**		**LUN**		**MAR**		**MIE**		**JUE**		**VIE**		**SAB**		**DOM**	
ITEM	**INSPECCIÓN GENERAL**		**SI**	**NO**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**
1	ACEITE EN EL MOTOR	Verifique que los niveles de aceite estén dentro de la cuadrícula de la varilla medidora																
		Verificar que el aceite esté limpio y viscoso																
2	COMBUSTIBLE	Verifique el nivel de combustible																
3	BASE DE LA RANA	Sin rupturas, ni perforaciones, bien asegurada.																
4	PUNTOS DE APOYO	Bien ajustados a la superficie de la rana, sin enmendaduras, ni superficies irregulares, con facilidad de movimiento																
		Guarda en buen estado																
5	ENCENDIDO	La palanca de accionamiento sin rupturas, sin fisuras.																
		El yoyo bien enrrollado, limpio. Para halar sin dificultad.																
6	RESORTES DE AMORTIGUACIÓN	En perfecto estado, limpios, libre de aceites y grasas, sin fisuras, no deben generar ruidos anormales																
7	FUNCIONAMIENTO EN GENERAL	Sin ruidos anormales, encendido perfecto.																
8	ORDEN Y LIMPIEZA	Libre de superficies aceitosas, engrasadas o combustibles que puedan generar incendio																
EL EQUIPO APRUEBA LA INSPECCIÓN			**SI**				**NO**											

CONVENCIONES	***C***	Por favor marque C cuando considere que las condiciones de seguridad del elementos son adecuadas y permiten un adecuado funcionamiento del Equipo.
	NC	El elemento o condición, genera riesgos de accidente a las personas que los operan o se encuentran cercano a él.
	NA	No se evalua para este tipo de equipo, máquina.

IMPORTANTE: 1.Operar el equipo solamente después de ejecutar la INSPECCIÓN PREOPERACIONAL

INSPECCIÓN REALIZADA POR	**INSPECCION APROBADA POR;**	
Nombre:	**Nombre:**	
Cargo:	**Cargo:**	
Cédula:	**Cédula**	
Firma:	**Firma:**	



INSPECCION PREOPERACIONAL COMPACTADOR TIPO RANA

GRU
GESTION RURAL Y URBANA SAS

F-SST-55 00

SEMANA: _____ **CONTRATO:** _____

OPERADOR: _____ **FRENTE:** _____

COMPACTADOR TIPO RANA

ASPECTOS A EVALUAR	**ESTADO (Indicar número de acuerdo con listado de la parte inferior)**						
ESTADO DEL MOTOR	**LUNES**	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
Encendido							
Yoyo de arranque							
Sistema de on / off del motor							
Nivel de aceite							
Fugas de aceite							
Fugas de combustible							
Tubo de escape							
Sistema Eléctrico							
MECANISMO DE SEGURIDAD							
Protección yoyo de arranque							
Protección de correas							
Guardas puntos de operación							
ESTADO MÉCANICO							
Ruedas para transportarla							
Resorte de amortiguación							
Palanca de sujeción							
Tapas protectoras del motor							
Funcionamiento							
Tanque de gasolina							
Exhosto							
FIRMA OPERADOR TECNICO							

OBSERVACIONES/ RECOMENDACIONES:

ESTADO:

1 Cumple especificaciones
2 No cumple especificaciones
3 Realizar mantenimiento preventivo
4 Realizar mantenimiento Correctivo
5 Reemplazar equipo
6 Otro

Quien realiza la inspección:		**Revisado por.:**	
Cargo:		Cargo:	
Firma.:		Firma.:	

INSPECCION PREOPERACIONAL CORTADORA DE LADRILLO

GRU SAS
GESTION RURAL Y URBANA SAS

F-SST-56 00

SEMANA: _____ **CONTRATO:** _____

OPERADOR: _____ **FRENTE:** _____

ASPECTOS A EVALUAR	ESTADO (Indicar número de acuerdo con listado de la parte inferior)						
ESTADO DEL EQUIPO	**LUNES**	**MARTES**	**MIERCOLES**	**JUEVES**	**VIERNES**	**SABADO**	**DOMINGO**
Botón de encendido							
Tuerca de sujeción del Disco							
Carcasa							
Disco							
Guarda protectora de disco							
Botón de bloqueo para cambio de disco							
Llave para sujeción de tuerca para disco							
Cable de corriente							
Accesorios							
Mesa de trabajo							
Mango lateral							
Sistema de refigeración por agua							
Botón de encendido							
Clavija							
Soporte y guía para rodar material							
Prensa de sujeción de material							
SEGURIDAD Y MEDIO AMBIENTE							
EPI propio para labor a realizar							
ATS							
FIRMA OPERADOR TECNICO							

OBSERVACIONES/ RECOMENDACIONES:

ESTADO:

1 Cumple especificaciones
2 No cumple especificaciones
3 Realizar mantenimiento preventiv
4 Realizar mantenimiento Correctiv
5 Reemplazar equipo
6 Otro

Quien realiza la inspección:		**Revisado por.:**	
Cargo:		Cargo:	
Firma.:		Firma.:	

LISTA DE CHEQUEO PRE-OPERACIONAL
PLUMA

F-SST-57 00

EQUIPO:	OBRA:	SEMANA:

Instructivo: Verificar cada uno de los ítems en la lista, indicando si se encuentra bien (B), mal (M), o si no aplica (N/A). Si encuentra alguna anomalía o tiene alguna observación, descríbala en el campo de "observaciones" en la parte inferior del documento y repórtela en "hallazgos y seguimiento".

CONCEPTO	LUNES			MARTES			MIÉRCOLES			JUEVES			VIERNES			SÁBADO			DOMINGO		
	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A	B	M	N/A
Estado de cables eléctricos y conexiones (eléctrica)																					
Nivel del combustible (combustión)																					
Nivel del aceite de motor (combustión)																					
Se encuentra libre de fugas de combustible o aceite (combustión)																					
Estado de la estructura (deformaciones, fisuras)																					
Estado del cable de izaje, se encuentra libre de empates																					
La palanca de accionamiento y freno funciona correctamente																					
El sistema de transmisión (polea) se encuentra cubierta con una guarda																					
La base la pluma se encuentra anclada en todos los extremos																					
Ninguna parte de la base queda en voladizo o por fuera de la losa																					
Se cuenta con línea de vida y puntos de anclaje																					
FIRMA DE QUIEN REALIZA LA INSPECCION																					

OBSERVACIONES:

HALLAZGOS Y SEGUIMIENTO

FECHA	HALLAZGO	ACCIÓN TOMADA	RESPONSABLE	FIRMA

FIRMAS	FIRMA OPERADOR	
	FIRMA SST	

INSPECCIÓN DE EQUIPO DE SOLDADURA

GRU SAS
GESTIÓN RURAL Y URBANA SAS

F-SST-58 00

MARCA:		**OPERADOR:**		**CÉDULA**	
		MODELO/SERIAL:		**COLOR:**	
UBICACIÓN:		**SUPERVISOR:**		**ZONA:**	
		SEMANA DEL:	**AL**	**MES**	**AÑO**

	DESCRIPCION		**APLICA**		**LUN**		**MAR**		**MIE**		**JUE**		**VIE**		**SAB**		**DOM**	
ITEM	**INSPECCIÓN GENERAL**		**SI**	**NO**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**	**C**	**NC**
1	CARCASA	Carcasa en buen estado																
2	PUESTA A TIERRA	Sin rupturas, ni perforaciones, bien asegurada.																
3	PERILLAS SELECTORA DE AMPERAJE	Bien ajustados a la superficie de la rana, sin enmendaduras, ni superficies irregulares, con facilidad de movimiento																
4	CABLES (PORTA ELECTRODO Y MASA)	Cable que sale del bobinado, hacia la pieza.																
5	CONEXIONES	El cable de conexión eléctrica, para que pueda funcionar el soldador eléctrico.																
6	PINZA PORTA ELECTRODOS	Debe garantizar un aislamiento eléctrico suficiente para el soldador.																
7	PINZA DE PUESTA A TIERRA	Mide la resistencia contra tierra sin picos de tierra.																
8	ENCENDIDO Y APAGAGO	Es el switch con el cual se enciende y apaga el paso de corriente.																
9	FUNCIONAMIENTO EN GENERAL	Sin ruidos anormales, encendido perfecto.																
10	ORDEN Y LIMPIEZA	Libre de superficies aceitosas, engrasadas o combustibles que puedan generar incendio																
EL EQUIPO APRUEBA LA INSPECCIÓN			**SI**				**NO**											

CONVENCIONES	***C***	Por favor marque C cuando considere que las condiciones de seguridad del elementos son adecuadas y permiten un adecuado funcionamiento del Equipo.
	NC	El elemento o condición, genera riesgos de accidente a las personas que los operan o se encuentran cercano a él.
	NA	No se evalua para este tipo de equipo, máquina.

IMPORTANTE: 1.Operar el equipo solamente después de ejecutar la INSPECCIÓN PREOPERACIONAL

INSPECCIÓN REALIZADA POR	**INSPECCION APROBADA POR;**	
Nombre:	**Nombre:**	
Cargo:	**Cargo:**	
Cédula:	**Cédula**	
Firma:	**Firma:**	

INSPECCIÓN DE SUSTANCIAS QUIMICAS

F-SST-61 00

Fecha de Inspección: _____ **Obra:** _____

Alcance: Espacios de almacenamiento de sustancias de aseo y sustancias químicas utilizadas en el proceso productivo.
Instrucciones: Realice una (1) inspección al mes, escoja el día en el que se puedan verificar las siguientes condiciones:

Nº	ASPECTO DE VERIFICACION	SI	NO	ACCIONES DE MEJORA	FECHA DE CUMPLIMIENTO
1	El piso del depósito de productos químicos es plano, para un manejo sencillo y seguro y evitar derrames				
2	Están suficientemente identificadas y correctamente señalizadas las sustancias químicas				
3	Se dispone de las fichas de seguridad de todos las sustancias químicas que se utilizan				
4	Las hojas de seguridad del producto químico están ubicadas en un lugar visible en el área donde se están almacenando.				
5	Las personas que manipulan las Sustancias Quimicas, cuentan con los respectivos EPP (guantes, tapabocas acorde a hoja de seguridad, monogafas)				
6	Las personas que tienen contacto con las sustancias quimicas conocen las hojas de seguridad.				
7	Se cumplen con las indicaciones de almacenaje de las sustancias quimícas expuestas en las hojas de seguridad que entregan los proveedores.				
8	Se almacenan las sustancias químicas agrupando los que tienen riesgos comunes y evitando proximidad con incompatibles.				
9	Se almacenan los productos inflamables en muebles protegidos o en recintos especiales				
10	Ofrecen suficiente resistencia física los elementos para el aislamiento de las sustancias quimícas, como estibas, contenedores y/o cajas metálicas o stands elevados.				
11	Los estantes donde se almacenan las sustancias químicas están debidamente anclados para evitar derrames.				
12	Son totalmente seguros los envases de sustancias químicas que se utilizan				
13	Los residuos de envases de productos químicos se almacenan y disponen adecuadamente por parte de los proveedores				
14	Se controla la retención en la zona de almacenamiento, en caso de fugas o derrames.				
15	Se evita transvasar productos químicos a otros envases no controlados.				
16	Se verifican la fecha de vencimiento de los productos químicos y los que se encuentren vencidos, así como los elementos que se contaminen con estos y son recogidos y dispuestos por el proveedor de manera adecuada.				
17	El Cuarto de almacenamiento cuenta con suficiente iluminación y ventilación.				
18	El cuarto de almacenamiento debe tener paredes y pisos impermeables de facil limpieza.				

19	El Cuarto de almacenamiento tiene estibas de plastico, para colocar los productos quimicos que quedan ubicados en el piso.				
20	Se cuenta con Kits antiderrames para controlar un eventoen por derrames de Sustancias Químicas				
21	Se cuenta con minimo 1 extintor multiproposito ABC y de Gas Carbonico en caso de incendio.				
22	Se controla el acceso al espacio donde se deponen las sustancias químicas				
OBSERVACIONES:					

NOMBRE DE QUIEN REALIZA LA INSPECCION	
CARGO	
FIRMA	

PERMISO PARA TRABAJO EN ALTURAS
CIVIL

F-SST-02-VER-07

OBRA/PROYECTO:	**FECHA:** **Desde** _____ **Hasta** _____	**HORA INICIO:** _____ **HORA FINALIZACIÓN:** _____

Tipo de trabajo a realizar:

DESCRIPCIÓN Y PROCEDIMIENTO DE LA TAREA A REALIZAR:

EJECUTORES DE LA ACTIVIDAD

NOMBRES Y APELLIDOS TRABAJADORES	VERIFICACION SEGURIDAD SOCIAL	CERTIFICADO CAPACITACIÓN EN TRABAJO EN ALTURAS	CUENTA CON EXPERIENCIA PARA LA LABOR	CONDICIÓN DE SALUD LE PERMITE REALIZAR EL TRABAJO	ROL(Trabajador autorizado,ayudante de seguridad, brigadista, coordinador de TA)	FIRMA TRABAJADORES
1.						
2.						
3.						
4.						
5.						

De acuerdo al número identificado para cada trabajador verifique que se cumpla con los siguientes criterios de seguridad respondiendo **SI, NO, NA: NO APLICA**

VERIFICACIÓN	1	2	3	4	5	OBSERVACIONES
Los puntos de anclaje son resistentes de acuerdo al trabajo a realizar						
El trabajador manifiesta no haber consumido alcohol drogas o algún tipo de medicamento						
Se implementaron medidas de seguridad para trabajos cerca a redes eléctricas						
Los trabajadores fueron notificados de los peligros, riesgos, medidas de control y procedimientos						

SISTEMAS DE ACCESO A UTILIZAR:
ANDAMIO _____ ESCALERAS _____
GRUAS CON CANASTA_____
OTROS _____ CUÁL

SISTEMA DE ACCESO POR ESCALERAS:

	SI		NO	
La escalera está en buen estado	SI		NO	
La escalera esta asegurada a la estructura	SI		NO	
Los peldaños y largueros estan en buen estado	SI		NO	

MEDIDAS DE PREVENCIÓN

Verifique el cumplimiento de los requisitos de seguridad	**SI**	**NO**
Demarcación del área		
Delimitación del área		
Líneas de advertencia		
Señalización		
Barandas		
Red de seguridad caída de objetos		
Control de acceso		
Control de huecos y superficies		
Manejo desniveles		
Ayudante de seguridad Mencione el Designado:		
Red de seguridad caída de personas		
Otros Cuales:		

SISTEMA DE POSICIONAMIENTO

Verifique el cumplimiento de los requisitos de seguridad

	SI		**NO**	
Eslinga de posicionamiento				
Eslinga de restricción				
Otro Cual:				

SISTEMA DE PROTECCIÓN CONTRA CAÍDAS

	SI		**NO**	
Arnés de cuerpo completo				
Linea de vida horizontal				
Linea de vida vertical				
Punto de anclaje				
Freno de seguridad				
Tie off				
Mosquetón				
Otros				

SISTEMA DE ACCESO POR ANDAMIO

Tipo de andamio: Fijo: ☐ Movil: ☐ Otro: ☐

	SI	**NO**
El andamio es el adecuado para la labor a realizar		
Las crucetas y acoples del andamio tienen seguros adecuados		
Las bases del andamio se encuentran aseguradas		
El andamio cuenta con barandas laterales		
Plataformas aseguradas y sobresalen mínimo 30 cm del andamio		
Todos los puntos del andamio se encuentran soldados		
El andamio se encuentra completo en sus partes y accesorios		

PRECAUCIONES ÁREA DE TRABAJO:

	SI	**NO**
El sitio donde se realizará el trabajo está aislado y señalizado		
Se tiene contacto con energía eléctrica		

Otros riesgos?
Otras precauciones: _____

Peso de la carga a usar: _____ Altura de trabajo:_____ mts.

PUNTOS DE ANCLAJE:

El punto de anclaje brinda la seguridad necesaria al trabajador	**SI**		**NO**	
Evitan que la persona se golpee contra el nivel inferior y evitan el efecto péndulo.	**SI**		**NO**	

ELEMENTOS DE PROTECCION PERSONAL

			ESTADO		
	SI	**NO**	**B**	**R**	**M**
Gafas de Seguridad					
Casco tipo 2 con barbuquejo					
Protectores auditivos					
Proteccion Respiratoria					
Botas de seguridad					
Guantes antideslizantes					
Cargador de herramientas					
Visor de seguridad					
Otros:_____					
Otros:_____					
Otros:_____					
Otros:_____					

EQUIPOS Y HERRAMIENTAS PARA REALIZAR LA LABOR			
Equipos y Herramientas a utilizar	Estado	Aceptado?	Observaciones

OBSERVACIONES:

APROBACIÓN

DATOS GENERALES	NOMBRES Y APELLIDOS	TIPO DE DOCUMENTO	NUMERO DE INDENTIFICACIÓN	CARGO
RESPONSABLE DE LA ACTIVIDAD				
COORDINADOR DE TRABAJO EN ALTURAS				
RESPONSABLE DE ACTIVACIÓN DE PLAN DE EMERGENCIAS				
SUBCONTRATISTA				
OTRO CUAL				

DIA Cada responsable debe firmar la aprobación del permiso en cada día para verificar que se cumplan con todas las condiciones de seguridad que dieron lugar a la generación del permiso, El día 1 será el primer día de la fecha de inicio

APROBACION	1	2	3	4	5	6	7	Observaciones
RESPONSABLE DE LA ACTIVIDAD								
COORDINADOR DE TRABAJO EN ALTURAS								
RESPONSABLE DE ACTIVACIÓN DE PLAN DE EMERGENCIAS								
SUBCONTRATISTA								
OTRO CUAL								

NOTA: Para la autorización del trabajo se deben tener todas las firmas aquí solicitadas y adjuntar el Análisis de Trabajo Seguro (ATS), los Conceptos medicos de cada uno de los ejecutores de la actividad y certificados de formación en trabajo en alturas.

CIERRE

DATOS GENERALES	NOMBRES Y APELLIDOS	TIPO DE DOCUMENTO	CEDULA DE INDENTIFICACIÓN	CARGO	FECHA
RESPONSABLE DE LA ACTIVIDAD					
COORDINADOR DE TRABAJO EN ALTURAS					
RESPONSABLE DE ACTIVACIÓN DE PLAN DE EMERGENCIAS					
SUBCONTRATISTA					
OTRO CUAL					

Manifiesto que las áreas se encuentran organizadas, fueron retirados, señalizados, protegidos los sistemas de acceso, herramientas, equipos y elementos innecesarios

LISTA DE CHEQUEO PARA TRABAJOS EN ALTURA	GRU SAS GESTION RURAL Y URBANA S.A.S
	F-SST-03-VER-01

LUGAR		FECHA	

MARCAR Y VERIFICAR TODOS LOS CAMPOS REQUERIDOS PARA LISTA DE CHEQUEO	SI	NO
1. El trabajo en cuestion esta amparado por una evaluacion de riesgos especifica, y esta aprobada por una persona calificada.		
2. Todos los elementos de proteccion contra caidas tienen etiquetas y ficha tecnica de cumplimiento de la norma ANSI Z 359.1?		
3. Si el trabajo requiere el uso de una linea de vida o dispositivo fijo, esta debidamente certificada?		
4. El punto de anclaje esta en una posicion tal que si la persona se cae no se golpea contra estructuras inferiores o adyacentes?		
5. Estan todos los elementos de proteccion contra caidas en buen estado?		
6. Todos los ejecutantes conocen las medidas de precaucion establecidas en la evaluacion de riesgos?		
7. Estan todos los ejecutantes entrenados en el uso de los equipos contra caidas de proteccion para trabajos en altura?		
8. LISTA DE CHEQUEO ARNES DE SEGURIDAD		
8.1 CONDICION DEL TEJIDO O CORREA		
Fibras externas cortadas, desgastadas/desgarradas		
Costuras, cortes o rotura del tejido		
Grietas		
Estiramiento excesivo		
Deterioro general		
Corrosion por exposicion a acidos o productos quimicos		
Quemaduras		
8.2 CONDICIONES DE PIEZAS PLASTICAS		
Desgaste excesivo o deformaciones (dobladuras, etc)		
Picaduras, grietas.		
Deterioro en general		
Defecto de funcionamiento		
Corrosion		
Otros		
8.3 CONDICIONES DE PIEZAS METÁLICAS		
Desgaste excesivo o deformaciones (dobladuras, etc)		
Corrosion		
Grietas		
9. LISTA DE CHEQUEO ESLINGA		
Apertura de conectores con doble sistema de seguridad		
Con deformaciones o desgaste excesivo (dobladuras, etec)		
Picaduras, grietas		
Deterioro general		
Corrosion		
Otros		

OBSERVACIONES

Inspeccion realizada por:	Inspeccion revisada por:
Nombre	Nombre
Cargo	Cargo
Firma	Firma

PERMISO DE TRABAJO EN CALIENTE

GRU SAS
GESTIÓN RURAL Y URBANA S.A.S

F-SST-06 03

1. GENERALIDADES (marque con una X según corresponda)

Fecha de diligenciamiento:	dd	mm	aa	am/pm		
Obra o proyecto:					Directo:	Contratista:
Número de ejecutores:					Si	No
¿Todos los ejecutores cuentan con afiliaciones vigentes a seguridad social?						
¿Conocen los procedimientos a tener en cuenta en caso de emergencias?						
Nombre del contratista:						
Descripción de la tarea:						
Medidas de prevención	SEÑALIZACIÓN ☐	DELIMITACIÓN ☐	BARANDAS ☐	CUBRIR ORIFICIOS ☐		
Elementos de protección	CAPUCHA O GORRO SOLDADOR ☐	FILTRO PARA VAPORES DE SI ☐	CARETA DE SOLDADOR ☐	GUANTES VAQUETA CARNAZA ☐		
	DELANTAL-CHAQUETA SOLDADOR ☐	POLAINAS VAQUETA - CUER ☐	CALZADO DE SEGURIDAD ☐	OTRO ☐		
	Otro:					
Seleccione si el trabajo combina otra TAR	Espacios confinados ☐		Trabajo en alturas ☐		Energías peligrosas ☐	

2. IDENTIFICACIÓN DE PELIGROS

FISICOS	MECANICOS	QUÍMICOS	BIOMECÁNICOS	ELÉCTRICOS	INCENDIOS/ EXPLOSIONES	OTROS
Ruido ☐	Partes o equipos en movimiento ☐	Gases/ vapores ☐	Sobreesfuerzo ☐	Contacto con electricidad ☐	Gases inflamables ☐	Espacio confinado ☐
Iluminación deficiente ☐	Alturas ☐	Polvos / Humos ☐	Sitio de difícil acceso ☐	Intervención de sist. Eléctricos ☐	Vapores Inflamables ☐	Uso de equipos de carga pesada ☐
Temperatura Alta/baja ☐	Superficie caliente ☐	Corrosivo ☐	Movimiento repetitivo ☐	Adyacente a equipos energizados ☐	Líquidos inflamables ☐	Potencial de derrames ☐
Ventilación deficiente ☐	Proyección de partículas ☐	Explosivo ☐	Fuerza ☐	Otros ☐	Otros ☐	
Radiación Ionizante ☐	Sistemas presurizados ☐	Toxico ☐	Alcance ☐			
Radiación no ionizante ☐	Presión de fluidos ☐		Agarre ☐			

3. PRECAUCIONES PARA EL DESARROLLO DE LA TAREA (marcar con una X)

Mampara Sencilla ☐	Aislamiento mecánico ☐	Monitoreo de atmósfera ☐	Revisar equipos y herramientas ☐	Verificar el (los) certificados de apoyo ☐	Elementos de protección personal especiales ☐	Cual:
Mampara Doble ☐	Aislar el proceso ☐	Extintores adicionales ☐	Cerrar vías ☐	Calistenia previa ☐	Protección adicional ☐	Cual:
Iluminación adicional ☐	Aislamiento eléctrico ☐	Aterrizar equipos ☐	Seguir recomendaciones AST ☐	Adecuar el área de trabajo ☐	Seguir procedimiento escrito ☐	Cual:
Uso de guardas o mamparas ☐	Inertizar ☐	Drenar ☐	Limpieza Previa ☐	Uso de Equipo de alturas ☐	Otras Precauciones ☐	Cual:
Despresurizar ☐	Señalizar ☐	Instalar barreras ☐	Apagar equipos ☐	Kit de derrames ☐	MSDS ☐	
No consumo de medicamentos ☐	No prescripción medica para ejecutor de la TAR ☐					

4. APROBACIÓN Y REVALIDACIÓN

Nombres y Apellidos	Cedula	Empresa	Firma

Ejecutor (responsable del equipo de trabajo)	He verificado en campo con el emisor la aplicación de los controles determinados para minimizar los riesgos asociados a éste trabajo y los comunicaré al grupo ejecutor; he verificado el buen estado de las herramientas y equipos a utilizar.	**Supervisor del área a intervenir**	He sido informado sobre la ubicación y naturaleza del trabajo a realizar.
Nombre Y firma:		**Firma:**	
Autorizante (responsable del área a intervenir)	He verificado en campo con el ejecutor la aplicación de todos los controles determinados para minimizar los riesgos asociados a este trabajo y considero seguro proceder con la ejecución del mismo.		
Nombre Y firma:			

Fecha (dd/mm/aa)	**Validez del permiso (hora desde, hasta)**		**Autorizante (firma y C.C.)**	**Ejecutor (firma y C.C)**	**Extensión horaria**		**Autorizante (firma y C.C.)**
	Hora de inicio	Hora de finalización			Hora de inicio	Hora de finalización	
1							
2							
3							
4							
5							
6							
7							

Seguimiento al permiso de trabajo

Responsable de seguimiento	**Hora de seguimiento**	**Observaciones**

Cancelación del trabajo

Responsable de la cancelación de la actividad	**Motivo de Cancelación**	**Hora**

Cierre del Permiso

Se Finalizó el trabajo? SI_ NO_ El trabajo está incompleto y en el siguiente estado:_____
_____

Ejecutor	Declaro que el área de trabajo y los equipos relacionados con este permiso quedan en condiciones adecuadas de orden y aseo; Nombre:_____ Firma: _____ Hora:_____
Responsable del área	Recibo el trabajo con el área limpia, ordenada y en condiciones normales de operación Nombre:_____ Firma: _____ Hora:_____
Observaciones:	

ANALISIS DE TRABAJO SEGURO (ATS)

F-SST-11-VER-04

FECHA DE DILIGENCIAMIENTO		VIGENCIA DEL ATS				ZONA O LUGAR DE TRABAJO:						
		DESDE		HASTA								
DESCRIPCION DE LA TAREA:												
HERRAMIENTAS O EQUIPOS A UTILIZAR:												
PERMISOS DE TRABAJO QUE REQUIERE LA ACTIVIDAD:	ALTURAS		EXCAVACIONES		ELECTRICO		ESPACIOS CONFINADOS		SUSTANCIAS QUIMICAS		SOLDADURA	

DESCRIPCION DE LOS PASOS ESPECÍFICOS DE LA TAREA	QUÉ PUEDE SALIR MAL O FALLAR (PELIGROS EXISTENTES O POTENCIALES)	QUE PUEDE PASAR (CONSECUENCIA)	QUE DEBEMOS HACER PARA EVITAR QUE ALGO SALGA MAL O FALLE (CONTROLES)	RESPONSABLE DEL CONTROL (CARGO)	EPP REQUERIDOS

SEMANA DE VIGENCIA DE ESTE ATS									
DEL:		AL				DE			
N°	PERSONAL	CEDULA	LUNES	MARTES	MIERCOLES	JUEVES	VIERNES	SABADO	DOMINGO
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

APROBACIONES					
NOMBRE Y APELLIDO		NOMBRE Y APELLIDO		NOMBRE Y APELLIDO	
FIRMA		FIRMA		FIRMA	
CARGO		CARGO		CARGO	
EJECUTANTE		AUTORIDAD RESPONSABLE DE LA OBRA		AUTORIDAD RESPONSABLE SST	

PERMISO DE TRABAJO RIESGO ELECTRICO

GRU SAS
GESTION RURAL Y URBANA SAS

F-SST-42 00

GENERALIDADES

Ejecutor responsable:		Cargo:	
Firma:		Fecha de solicitud:	
Ubicación específica del trabajo a realizar:			
Trabajo a ejecutar (descripción breve):		Tiempo estimado (horas - minutos):	Número de personas ejecutoras: _____
El nivel de tensión de operación normal del equipo o sistema a intervenir es:	Baja tensión		Media tensión

DOCUMENTO ADJUNTO - ASPECTOS GENERALES

Diligencie la casilla según corresponda:	SI	NO	N.A
1. ¿Se identificaron los peligros propios o derivados del trabajo a ejecutar y se determinaron las medidas de control en el Análisis de Seguridad en el Trabajo - ATS?			
3. ¿Los trabajadores cuentan con la matricula CONTE correspondiente requerida para la maniobra?			
4. ¿Se informó a los usuarios afectados por la maniobra?			
5. ¿Se estableció control de área y medidas de prevención?			
6. ¿Se cuenta con personal de primera respuesta ante emergencias eléctricas y equipos correspondientes?			
7. ¿Se cuenta con equipos de extinción de fuego en sitio?			
8. ¿El equipo y/o sistema a intervenir requiere estar desenergizado?			
9. ¿Se requiere el uso de equipo de puesta a tierra temporal?			
10. ¿Los equipos y/o herramientas determinados para la maniobra son los idóneos y se revisaron pre operacionalmente?			
11. ¿Se requiere el uso de probador de presencia o ausencia de tensión - tipo pertiga ?			

OBSERVACIONES:

EQUIPOS DE SEGURIDAD INDUSTRIAL (INCLUYE ELEMENTOS DE PROTECCIÓN PERSONAL)

Botas dieléctricas		Overol de algodón FR		Casco dieléctrico		Guantes dieléctricos		Balaclava	
Tapete dieléctrico		Vestido especial		Visor (pantalla)		Mangas dieléctricas		Gafas de seguridad	

¿Se niega el permiso de trabajo? SI ____ NO ____ FIRMA EMISOR:

Nota: Si el permiso de trabajo fue negado, la información siguiente a partir de este punto NO debe ser diligenciada y en todos los espacios en blanco se debe trazar una línea que los ocupe.

PERSONAL AUTORIZADO

Nombres y Apellidos	Identificación No.	Cargo	Firma emisión	Firma revalidación

Nota: se debe trazar una línea en los renglones que no sean requeridos.

AUTORIZACIÓN

Se afirma que se ha revisado el área de trabajo y que conforme al análisis de seguridad en el trabajo - ATS se han establecido las medidas de control para los peligros identificados. Se autoriza la ejecución del trabajo.

Hora de inicio		Hora de finalización		Fecha de expedición	
Emisor para trabajo eléctrico		Nombres y Apellidos		Firma	

Trabajo en altura No _____

SUSPENSIÓN

Diligencie la casilla según corresponda:	SI	NO	N.A
1. Omisión de medidas de control establecidas en al ATS			
2. Cambio en las condiciones establecidas en el permiso de trabajo			
3. Emergencia operacional u orden de evacuación			
4. Ordenes administrativas			
5. Tiempo de validez del permiso insuficiente para finalizar el trabajo			

Observaciones:

Quien suspende (nombres y apellidos):	Firma:	Hora:
Trabajador informado (nombres y apellidos):	Firma:	
Trabajador informado (nombres y apellidos):	Firma:	
Trabajador informado (nombres y apellidos):	Firma:	
Trabajador informado (nombres y apellidos):	Firma:	
Trabajador informado (nombres y apellidos):	Firma:	

Nota: Con la (s) firma (s) anterior (es) se certifica que el área de trabajo, máquinas, equipos, herramientas e insumos utilizados quedan en condiciones adecuadas de seguridad, orden y aseo.

REVALIDACIÓN DEL PERMISO DE TRABAJO							
Se reestablecieron las condiciones inicialmente determinadas en la emisión del permiso y/o se tomaron los correctivos necesarios para re direccionar la (s) causal (es) de suspensión de éste?						**SI**	**NO**
Hora de inicio	Hora de finalización	Nombres y Apellidos			Firma		
CIERRE DEL PERMISO DE TRABAJO							
Se ejecutó el trabajo en su totalidad		Finalizó la jornada laboral		Permiso suspendido en espera de revalidación no revalidado			
Hora de cierre							

LISTA DE CHEQUEO PARA TRABAJOS EN CALIENTE	GRU SAS GESTIÓN RURAL Y URBANA S.A.S
	F-SST-43 00

1. SELECCIONE TIPO DE EQUIPO A EMPLEAR					
Fecha de diligenciamiento:	dd	mm	aa	Hora	am/pm
Obra o proyecto			Sitio exacto donde se realiza el trabajo		
			Nombre: Del responsable de la Actividad.		
Equipo a emplear:	 Equipo de soldadura por arco ☐	 Equipo de Oxicorte ☐	 Equipos de corte ☐		

LISTA DE CHEQUEO DE SOLDADURA POR ARCO	SI	N/A
¿El cable o encauchetado, está libre de cortes, partes vencidas, partes quemadas y exposición de cables?		
¿El enchufe eléctrico se encuentra en buen estado y cuenta con polo a tierra?		
¿ La caja o Generador se encuentra libre de oxido, completa, tornillos ajustados y con la placa de información técnica del equipo?		
¿El botón de encendido (On/Off) de la caja o generador se encuentra fijo y funcionando?		
¿El indicador de voltaje y perillas de ajuste del voltaje se encuentran fijas y funcionando?		
¿La rejilla de ventilación del equipo se encuentra libre de elementos extraños o que obstruyan la ventilación?		
¿Los bornes para conexión del electrodo en la caja o generador, se encuentran libres de oxido o conexiones improvisadas?		
¿El cable del electrodo se encuentra libre de cortes, partes vencidas, partes quemadas y exposición de cables?		
¿El porta electrodo se encuentra libre de grietas o partes rotas y presenta buen ajuste?		
¿La mordaza del electrodo sujeta firmemente y su estado no presenta partes desgastadas o lizas?		
¿La pinza de masa sujeta firmemente, no presenta partes desgastadas y su cable esta libre de cortes, empalmes o quemaduras?		

LISTA DE CHEQUEO EQUIPO DE OXICORTE	SI	N/A
¿El soplete, cámara de combustión y válvulas de paso de los gases, se encuentran libres de golpes y de sustancias químicas?		
¿Partes del soplete como válvulas de paso, válvula anti-retroceso y conexiones, se encuentran ajustadas firmemente?		
¿Los reguladores de paso de gas se encuentran libres de golpes partes deformes, libres de sustancias químicas (grasa-aceites) u orificios de escape?		
¿Los manómetros se encuentran funcionando, se observan fijos, y protegidos frente a posibles golpes?		
¿Las Mangueras de Oxigeno y acetileno se observan libres de orificios, grasa, aceite y terminales de conexión correctamente ajustados?		
¿Los cilindros se encuentran identificados y se cuenta con las MSDS para cada uno de los cilindros?		
¿La válvula del cilindro de acetileno se encuentra dirigida en una dirección diferente respecto a la válvula del cilindro de oxigeno (no se encuentran enfrentadas)?		
¿Los cilindros se encuentran asegurados firmemente al carro porta cilindros?		
¿El carro porta cilindros cuenta con los elementos de sujeción para cada uno de los cilindros, en buen estado y ajuste?		
¿Se observa que el carro porta cilindros está libre de grietas, partes sueltas, ruedas completas ajustadas y en funcionamiento?		

LISTA DE CHEQUEO EQUIPOS DE CORTE Y ESMERILADO	SI	N/A
¿El estado general del equipo se observa libre de fisuras, partes rotas, aceite, grasa u otras sustancias?		
¿El cable y encauchetado, está libre de cortes, partes vencidas, partes quemadas y su enchufe cuenta con polo a tierra?		
¿La equipo cuenta con botón de encendido y apagado fijo y funcionando?		
¿El disco de corte es el necesario para el tipo de corte o amolado a realizar?		
¿El disco de corte se observa uniforme libre de grietas o partes con desgaste excesivo y ajustado firmemente?		
¿ El equipo cuenta con guarda de seguridad que protege el disco, asegurada a la estructura de la herramienta?		
¿Se cuenta con la empuñadura auxiliar (manija de agarre auxiliar) instalada al equipo sin presencia de movimientos o desajustada?		
¿ Se protege el entorno, señaliza y se trabaja el equipo con precaución en caso de actividades simultaneas?		
¿ Si el equipo se soporta en el piso, est espacio es firme nivelado, amplio y despejado?		

3. AUTORIZACIÓN

Ejecutores

Como ejecutores del trabajo, solicito autorización para realizar el trabajo en caliente en las siguientes fechas:
Desde:_____ hasta:_____, comprometiéndonos a seguir las recomendaciones descritas en este documento, así como en el permiso de trabajo u otros anexos.

Nombre	Cargo	Cédula	Firma

Responsable del área Sst

Yo como responsable del área Sst he verificado las condiciones de seguridad y doy aprobación al trabajo a realizar.
Observaciones:_____
_____
_____
Nombre:_____ Firma:_____

PERMISO DE TRABAJO PARA IZAJE DE CARGAS

F-SST-78 01

VALIDO PARA EL PERIODO, LUGAR, EQUIPO Y TRABAJO INDICADO

OBRA/PROYECTO:	**FECHA:** **Desde** _____ **Hasta** _____	**HORA INICIO:** _____ **HORA FINALIZACIÓN:** _____
Lugar de izaje:	**Nombre del responsable del área:**	**Cargo responsable del área:**
Descripción de la carga a izar:	**Descripción del procedimiento para el izaje de la carga:** **Peso de la carga en kg :**	

EJECUTORES AUTORIZADOS DE LA ACTIVIDAD

NOMBRES Y APELLIDOS TRABAJADORES	NÚMERO DE DOCUMENTO	VERIFICACIÓN DE SEGURIDAD SOCIAL VIGENTE	¿LAS CONDICIONES DE SALUD LE PERMITE REALIZAR LA TAREA?	ROL(Aparejador, operador de equipo, supervisor de izaje, persona que autoriza el trabajo)	FIRMA TRABAJADORES
1.					
2.					
3.					
4.					
5.					

SELECCIONE EL EQUIPO DE IZAJE Y CARACTERISTICAS DE LA CARGA

Equipo a utilizar	Seleccione (X)	Marca del equipo	Capacidad en Kg	Observaciones relevantes del equipo:
Pluma Grua 				
Winche 				
Polipasto 				
Otro, cual:				

PLAN DE IZAJE

DATOS DE LA CARGA		DESCRIPCIÓN DE LA MANIOBRA	
Peso del gancho auxiliar en Kg:		Radio en (m)	
Peso del gancho principal en Kg:		Longitud de la pluma en (m)	
Peso del cable de acero en Kg:		Altura en (m)	
Peso de accesorios de izaje en Kg:		Angulo de la pluma en Grados	
Peso de polipasto en Kg:		Capacidad de la grúa en Kg (4)	
Peso de pluma instalada en Kg:		Cálculo (5)= Peso total (3) x 100% / Capacidad grúa (4)	
Peso otros en Kg:			
Peso grúa total (1) Kg		**Si el porcentaje se encuentra entre el rango de 75% al 85 %, se considera un izaje crítico y se requiere seguir protocolos de seguridad establecidos**	**Izaje crítico:** **Si ___ No___**
Peso de la carga (2): Kg			
Peso total (3) = (1) + (2): Kg			

VERIFICACIÓN DE MEDIDAS DE PREVENCIÓN

	SI	NO	N/A
Se ha delimitado y aislado el área de trabajo			
Se verificó que solo intervenga en la maniobra personal capacitado y autorizado para su ejecución			
Se encuentran identificados los riesgos propios de la labor a realizar			
Permiten los equipos y/o maquinaria disponible realizar la labor con facilidad			
Se conocen las especificaciones técnicas del equipo / material a movilizar			
Se tienen en cuenta las dimensiones (alto, ancho, largo, peso, volumen) del material a movilizar			
Se verificó que las condiciones del suelo permitan una maniobra segura de los equipos y vehículos			
Se verificó el estado de la maquinaria o equipo disponible para realizar la labor (preoperacional)			
Se inspeccionaron los accesorios de izaje?			
El personal ha sido capacitado en relación con las actividades a desarrollar			
El personal conoce el ATS de la actividad a realizar y los riesgos asociados			
El personal cuenta con todos sus elementos de protección personal adecuados a la labor			
Permite los factores externos (dirección del viento, condiciones atmosféricas, etc.) realizar los trabajos con seguridad			
Los equipos y maquinarias se encuentran ubicados en un lugar seguro			
Se verificó que no hay cables, cuerdas, basura, etc., en las áreas adyacentes que puedan causar una conflagración			
Existen líneas eléctricas cerca?			
Se tiene un plan en caso de emergencia (vías de evacuación, ubicación de extintores, etc.)			
En caso de maniobras con productos químicos se tienen las hojas de seguridad disponibles			
Requiere un permiso para realizar otra tarea de alto rioesgo, cual:			

ELEMENTOS DE PROTECCION PERSONAL

	SI	NO	N/A
Gafas de Seguridad			
Casco tipo 2 con barbuquejo			
Protectores auditivos			
Proteccion Respiratoria			
Botas de seguridad			
Guantes antideslizantes			
Cargador de herramientas			
Visor de seguridad			
Otro, Cual:_____			

OTROS EQUIPOS Y ELEMENTOS

	SI	NO	N/A
Arnés			
Eslingas			
Linea de vida			
Punto de anclaje			
Herramientas dielectricas			
Sistemas de acceso			
Iluminación			

EQUIPOS Y HERRAMIENTAS PARA REALIZAR LA LABOR

Equipos y Herramientas a utilizar	Estado	Aceptado?	Observaciones

OBSERVACIONES GENERALES:

APROBACIÓN

DATOS GENERALES	NOMBRES Y APELLIDOS	TIPO DE DOCUMENTO	NUMERO DE INDENTIFICACIÓN	CARGO
RESPONSABLE DE LA ACTIVIDAD				
RESPONSABLE DE SST				
RESPONSABLE DE ACTIVACIÓN DE PLAN DE EMERGENCIAS				
SUBCONTRATISTA				
OTRO CUAL				

DIA Cada responsable debe firmar la aprobación del permiso en cada día para verificar que se cumplan con todas las condiciones de seguridad que dieron lugar a la generación del permiso, El día 1 será el primer día de la fecha de inicio

APROBACIÓN	1	2	3	4	5	6	7	Observaciones
RESPONSABLE DE LA ACTIVIDAD								
RESPONSABLE DE SST								
RESPONSABLE DE ACTIVACIÓN DE PLAN DE EMERGENCIAS								
SUBCONTRATISTA								
OTRO CUAL								

NOTA: Para la autorización del trabajo se deben tener todas las firmas aquí solicitadas y adjuntar el Análisis de Trabajo Seguro (ATS), los Conceptos medicos de cada uno de los ejecutores de la actividad

CIERRE

DATOS GENERALES	NOMBRES Y APELLIDOS	TIPO DE DOCUMENTO	CEDULA DE INDENTIFICACIÓN	CARGO	FECHA
RESPONSABLE DE LA ACTIVIDAD					
RESPONSABLE DE SST					
RESPONSABLE DE ACTIVACIÓN DE PLAN DE EMERGENCIAS					
SUBCONTRATISTA					
OTRO CUAL					

Manifiesto que las áreas se encuentran organizadas; fueron retirados, señalizados, protegidos los sistemas de acceso, herramientas, equipos y elementos innecesarios

GESTIÓN DEL CAMBIO	GRU S.A.S GESTIÓN RURAL Y URBANA S.A.S F-SST-41 01

FECHA:	**CAMBIO SOLICITADO POR:**	Nueva actividad		Cambio en procesos			
Cambio en método de trabajo		Cambio en maquinario y/o equipo		Cambio en instalaciones de la empresa		Legislación	

DESCRIPCION DEL CAMBIO

IDENTIFICACIÓN DE PELIGROS, EVALUACION DE RIESGOS / REQUITOS LEGALES APLICABLES

Para la identificación de peligros, evaluación de riesgos utilizar la matriz de peligros.

CONTROLES Y/O RECOMENDACIONES DE SEGURIDAD Y SALUD EN EL TRABAJO

ANALISIS DEL IMPACTO DEL SISTEMA DE GESTIÓN EN SEGURIDAD Y SALUD EN EL TRABAJO

ELEMENTOS DEL SG-SST QUE SE VERÁN AFECTADOS POR EL CAMBIO	
CAMBIOS EN PLAN DE TRABAJO ANUAL	
CREACION O MODIFICACIÓN DE PROCEDIMIENTOS O INSTRUCCIONES DE TRABAJO	
OTROS	

PLANEACIÓN DEL CAMBIO

ACTIVIDAD	RESPONSABLE	COMUNICAR CAMBIO A:	FECHA EJECUCIÓN	FECHA SEGUIMIENTO

DILIGENCIADO POR:	

1. OBJETIVO

Suministrar un método sistemático para introducir cambios en **GESTION RURAL Y URBANA SAS** de una forma controlada, asegurando que los cambios internos y externos que impacten la seguridad y salud en el trabajo sean evaluados, aprobados y documentados previamente a la implementación para mejorar el desempeño del Sistema de Gestión.

2. ALCANCE – APLICACIÓN

Este procedimiento aplica a todas las áreas operativas y administrativas de **GESTION RURAL Y URBANA SAS**, así como todos sus contratistas y proveedores.

3. DEFINICIONES Y ABREVIATURAS

- **Análisis del cambio**: proceso que permite reconocer la existencia y características de los peligros a evaluar, la magnitud de los riesgos asociados en os cambios o nuevos proyectos y decidir si dichos riesgos son o no aceptables.
- **Área responsable del cambio**: área responsable de la implementación, desarrollo y entrega del cambio o nuevo proyecto.
- **Cambio**: modificación significativa de un proceso, instalación o equipo ya existente.
- **Gestión del cambio**: aplicación sistemática de procesos y procedimientos para identificar, evaluar, controlar y monitorear los riesgos en los cambios y nuevos proyectos.
- **Proyecto**: conjunto de actividades realizadas bajo un esquema establecido, que tienen un inicio, un fin y un objetivo: crear una instalación.

4. RESPONSABILIDADES

a. Jefe o supervisor del área responsable del cambio

- Evaluar todo cambio o nuevo proyecto mediante el proceso de Gestión del Cambio.
- Coordinar con el área de SG-SST la revisión de la Gestión del cambio.
- Implementar los controles definidos en la Gestión del cambio.

- Actualizar la Gestión del cambio de ocurrir modificaciones que no fueron contempladas en el análisis inicial.

b. Responsable proceso SST

- Revisar y aprobar la Gestión del cambio.
- Facilitar el proceso de Gestión del Cambio y orientar a los participantes de acuerdo con la metodología.

5. CONDICIONES GENERALES

Se debe aplicar gestión del cambio para cualquiera de los siguientes casos, siempre que impacte la seguridad y salud en el trabajo:

- Creación de nuevo cargo o se reasignen funciones en los cargos existentes.
- Cuando se introduzca una nueva actividad o cambio dentro de los procesos.
- Cuando se presenten cambios en métodos de trabajo.
- Cuando surja un cambio de maquinaria, equipos y/o herramientas.
- Cuando se realice una modificación en las instalaciones de la empresa.
- Cuando se presenten cambios externos (cambios en la legislación, evolución del conocimiento en seguridad y salud en el trabajo, entre otros).
- Control y mitigación del virus SarsCov2 COVID-19.

La Gestión del Cambio debe ser aplicada como un proceso continuo previo a la introducción del cambio o ejecución del nuevo proyecto.

La Gestión del Cambio está basada en el procedimiento de identificación de peligros y debe cumplir con todo lo indicado en dicho procedimiento.

La Gestión de Cambio debe ser actualizada en la Matriz de Peligros.

6. PROCESO DE GESTIÓN DEL CAMBIO

La Gestión de Cambios consta de las siguientes etapas:

- Establecer las características del Cambio:

Implica que el jefe o supervisor del área responsable del cambio defina con el responsable del SG-SST si el cambio es significativo y amerita aplicar el presente procedimiento.

- Analizar el Cambio:

  Implica que el jefe o supervisor del área responsable del Cambio evalúe de manera general el cambio o nuevo proyecto mediante el formato de Gestión del Cambio.

En el siguiente cuadro se muestra un proceso típico de gestión de cambio:

INFRAESTRUCTURA	Se realizará una evaluación del riesgo cuando se realice cambio de sede o remodelaciones que generen cambios en los riesgos o peligros nuevos.
LEGISLACIÓN	Los cambios en los requisitos legales serán controlados incluyendo la nueva norma de la matriz legal y definiendo planes de acción si se requiere.
PERSONAL	Ingreso de personal nuevo: - Se requiere realizar la evaluación médica ocupacional e inducción. Cambio de cargo: - Verificar si se requiere examen adicional para aplicar al nuevo cargo e inducción para los riesgos de ese nuevo cargo.
SISTEMA DE GESTIÓN	Actualización de documentos o cambio de documentos se hará por control de documentos y registros, adicionalmente cualquier cambio reciente en los controles del sistema de gestión serán actualizados en la Matriz de peligros y riesgos.
PROCESOS O ACTIVIDADES. METODOS DE TRABAJO. CAMBIOS DE MAQUINARIA, EQUIPOS	Los cambios de los procesos, actividades, métodos de trabajo, operaciones críticas no rutinarias, cambios de maquinaria o equipo que generen nuevos riesgos serán gestionados por medio del análisis Matriz de peligros, y se definirán los controles aplicables.

PREVENCIÓN – MITIGACIÓN COVID-19	Actualización y creación de documentos, formatos, protocolos y demás documentos relacionados con la contingencia por virus SarsCov2 COVID-19. Cambios estructurales aplicados debido a la contingencia, suministro de elementos de bioseguridad y EPP adicionales.

A continuación, se dan a conocer las actividades que contempla el procedimiento de gestión del cambio, cuando aplique:

PROCEDIMIENTO GESTION DEL CAMBIO

GESTIÓN RURAL Y URBANA SAS

PD-SST-18-VER-01

PROCEDIMIENTO PARA LA GESTIÓN DEL CAMBIO EN EL SG-SST			
ACTIVIDADES	**DESCRIPCIÓN**	**RESPONSABLE**	**REGISTRO**
INICIO ↓ Identificar los cambios ocurridos o que van a suceder en la organización	Permanentemente se identifican los cambios de legislación Cambios de Tecnología Cambio de infraestructura, instalaciones y equipos Adecuaciones del sitio de trabajo Cambios de personal Implementación de nuevos procesos y ejecución de nuevos proyectos.	Encargado de SST	Formato de gestión del cambio
Informar del cambio que se va a realizar.	Cada que se presente un cambio los responsables de los procesos involucrados, informan sobre los cambios que se van a presentar	Procesos involucrados	Formato de gestión del cambio
Identificar peligros, evaluar riesgos e identificar requisitos de ley si aplica	El proceso de Seguridad y salud en el trabajo en compañía de los procesos involucrados identifican lospeligros y evaluan los riesgos que se puedan presentar por los cambios y los requisitos de ley si aplica.	Encargado de SST y procesos involucrados	Formato de gestión del cambio. Matriz de peligros
Establecer las recomendaciones y/o controles.	Basados en los peligros identificados y evaluación de riesgos en Seguridad y salud en el trabajo se establecen las recomendaciones y/o controles para ser implementadas antes, durante y después del cambio y los cargos a los que se le debe comunicar.	Encargado de SST y áreas involucradas	Formato de gestión del cambio. Matriz de peligros
Analizar el impacto de los cambios sobre el Sistema de Gestión en seguridad y Seguridad y salud en el trabajo	Con base en los riesgos identificados y las recomendaciones establecidas se identifican los elementos del sistema de gestión que se verán afectados por el cambio.	Seguridad y salud en el trabajo y procesos involucrados	Formato de gestión del cambio
Los cambios modifican el plan de trabajo anual en SST y/o crean documentos del sistema de gestión	Actualizar plan de trabajo anual. Ajustar o crear procedimientos o instrucciones de trabajo, divulgar y entrenar al personal.	Encargado de SST y procesos involucrados	Plan de trabajo actualizado Documentos creados o modificados
Informar y capacitar a trabajadores sobre los cambios a realizar ↓ FIN	Antes de introducir los cambios a realizarse dentro de la Organización, se debe informar y capacitar a los trabajadores relacionados con los cambios	Encargado de SST y procesos involucrados	Plan de trabajo actualizado Documentos creados o modificados Registros de capacitación

7. SEGUIMIENTO

Las acciones y controles derivados de la gestión del cambio se incluirán en el formato de plan de acción y serán tratadas mediante el procedimiento de acciones correctivas y preventivas, haciendo su seguimiento hasta el cierre y la determinación de la eficacia.

8. ANEXOS

- F-SST-41 Formato Gestión del Cambio

CONTROL DE CAMBIOS		
VERSION	**FECHA**	**MODIFICACIÓN**
00	07/02/2017	Emisión
01	12/08/2020	Ajustes a procedimiento, incluyendo prevención – mitigación COVID-19

Elaboró SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	Revisó SANDRA P. ABRIL Lic. S.O. 8863 de 22/09/2008 Renovada con Lic. 14336 de 16/11/2018	APROBO: GILDARDO CASTILLO SÁNCHEZ Representante Legal

INTRODUCCIÓN

Como parte del Sistema de Gestión de Seguridad y Salud en el Trabajo (SG-SST) de la empresa GESTION RURAL Y URBANA S.A.S., y de acuerdo con lo establecido en la normatividad vigente en Colombia, se formula el programa de capacitación que se implementará en todos los centros de trabajo y que estará dirigido a todo el personal independientemente de su forma de contratación.

El programa de capacitación garantiza las habilidades y competencias que los trabajadores requieren para fortalecer la cultura de autocuidado frente a los peligros y riesgos a los que están expuestos en su actividades laborales diarias, a través de procesos de capacitación que generen toma de conciencia frente a su seguridad y la de los demás.

Igualmente, es necesario que los trabajadores conozcan los efectos que sobre su salud tienen los riesgos presentes en su ámbito laboral y los controles que, en conjunto, se deben implementar para minimizar riesgos de accidentes y enfermedades laborales, actuando como un factor de prevención y motivando al compromiso de los trabajadores a la implementación de normas de seguridad que garanticen la aplicación de conocimientos adquiridos durante el desarrollo de este programa.

Para el logro de los compromisos de la política integral de GESTION RURAL Y URBANA S.A.S. es importante capacitar, entrenar e incrementar las competencias del personal desde el mismo momento en que ingresan a la empresa a través de procesos de inducción, reinducción, entrenamiento y capacitación en seguridad y salud en el trabajo, como parte de su responsabilidad de garantizar ambientes sanos y seguros, el desarrollo integral como personas y el cumplimiento de metas organizacionales.

1. OBJETIVO

Definir lineamientos para el desarrollo del Programa de Capacitación en seguridad y salud en el trabajo que permita a los trabajadores y contratistas obtener los conocimientos necesarios para identificar los peligros y controlar los riesgos laborales promoviendo una cultura de autocuidado que favorezca su sentido de pertenencia, autonomía y su seguridad.

2. ALCANCE

Este programa de capacitación aplica a todos los colaboradores de GESTION RURAL Y URBANA S.A.S. extensivo a todos los niveles de la organización incluyendo a trabajadores dependientes, contratistas y de cualquier otra forma de contratación que la empresa llegara a tener.

Para cada obra o proyecto, se formulará un cronograma de capacitación acorde a la identificación de peligros, evaluación y valoración de los riesgos.

3. DEFINICIONES

CAPACITACIÓN[1]: consiste en desarrollar las competencias de los trabajadores expuestos y los responsables de aplicar las medidas de control, utilizando metodologías participativas acorde a los estilos de aprendizaje y nivel educacional.

La capacitación constituye una herramienta fundamental en la aplicación de un plan de acción de mejoras, porque permite que el trabajador, pueda generar estrategias en favor de la seguridad y la salud desde su realidad cotidiana. Esto ayuda a que disminuyan las acciones inseguras en que los propios trabajadores incurren.

No debemos olvidar que un buen capacitador pone en juego todo su potencial y procura que los trabajadores se interesen y se comprometan en los procesos de seguridad en el trabajo.

COMPETENCIAS[2]: conjunto de recursos que se ponen en juego al comprometerse en el desempeño cotidiano. Éstas integran conocimientos, habilidades y actitudes que se combinan en el éxito de una tarea.

ENTRENAMIENTO[3]: El entrenamiento es un proceso educativo de corto plazo, orientado a las personas que laboran en un puesto para que desarrollen destrezas y habilidades, asimismo adquieren aptitudes y actitudes adecuadas para el cargo de la organización.

INDUCCIÓN: Método que se utiliza para dar a conocer a los nuevos trabajadores la información básica de la empresa y del cargo a desempeñar. Se contempla inducción general e inducción específica al cargo.

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[1] OIT, Guía con las nueve claves para una prevención inclusiva de los riesgos laborales, 2013.
[2] Ibíd, Pág. 86
3 https://psicologiayempresa.com/conceptos-de-capacitacion-entrenamiento-y-educacion.html

REINDUCCIÓN: Método que se utiliza para reforzar y dar a conocer a los antiguos trabajadores, los cambios en la información básica de la organización, de sus procesos y/o del cargo desempeñado.

4. RESPONSABILIDADES

a. Representante Legal – Gerente:

- Facilitar la implementación y cumplimiento del plan de capacitación.
- Proveer los recursos necesarios para su implementación.
- Participar en las actividades de capacitación a las que se le convoquen.

b. Comité Paritario de Seguridad y Salud en el Trabajo, Brigada de emergencias y comité de convivencia laboral:

- Participar en las actividades de capacitación que se les convoque.
- Sugerir temas de capacitación de acuerdo con sus funciones en cada uno de los comités.
- Reproducir las capacitaciones que reciban a sus compañeros de comité y demás personal, cuando así se requiera.

c. Directores y personal de supervisión:

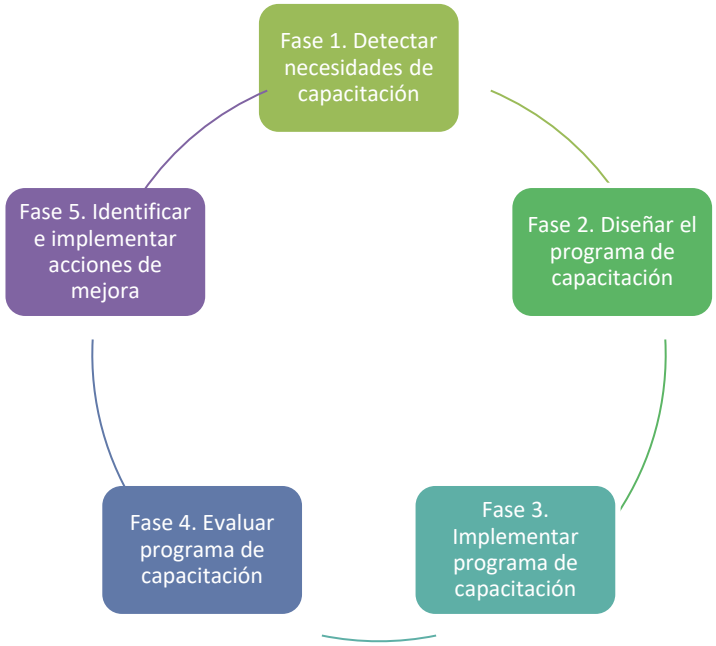
- Participar en las actividades de capacitación que se les convoque.
- Facilitar los tiempos y espacios necesarios para que los trabajadores a su cargo reciban las actividades de capacitación.
- El personal de supervisión participará en la realización de inducción a personal y algunas capacitaciones en las cuales tengan el conocimiento y la competencia necesaria.

d. Trabajadores en general:

- Participar en las actividades de capacitación que convoque la empresa.
- Aplicar a sus actividades diarias los conocimientos adquiridos en las capacitaciones.
- Informar sobre necesidades de capacitación que consideren pueda mejorar su seguridad y salud en el trabajo.

5. METODOLOGÍA

Para la implementación del programa de capacitación, se tendrá en cuenta las siguientes fases:



Fase 1. Detectar necesidades de capacitación (Diagnóstico):

Para la identificación de necesidades de capacitación se tendrán en cuenta las que surjan de:

- Evaluación de desempeño.
- El análisis de la identificación de peligros, evaluación y valoración de riesgos. (Matriz IPEVAR).
- Diagnóstico de condiciones de salud de la población trabajadora y programas de vigilancia epidemiológica a que haya lugar.
- Caracterización de la accidentalidad dentro de un período determinado.
- Investigación de incidentes, accidentes de trabajo y calificación de enfermedad laboral.
- Acciones resultantes de inspecciones de seguridad.
- Análisis del ausentismo general que se presente en todos los centros de trabajo.
- Implementación de programas de gestión de riesgos prioritarios.
- Solicitudes de jefes inmediatos, producto de su supervisión.
- Las demás que sean necesarias de acuerdo a la dinámica y desarrollo del SG-SST y del SGC.

Esta fase está a cargo del responsable del SG-SST y del SGC.

Fase 2. Diseñar programa de capacitación:

Teniendo en cuenta las necesidades identificadas, se determina su objetivo, alcance, población objeto, contenido, metodologías, cronograma lugares, fechas, horarios y todo lo relacionado con la logística necesaria para su ejecución. Se involucra en esta fase al Comité Paritario de Seguridad y Salud en el Trabajo, con quienes se revisará anualmente el programa.

Igualmente, se involucrará al Comité de Convivencia Laboral y Brigada de Emergencias.

Esta fase está a cargo del profesional responsable del SG-SST y aprobación del Gerente respecto del programa y de los recursos requeridos para su ejecución.

Fase 3. Implementar programa de capacitación:

Consiste en el desarrollo de lo planeado en la fase anterior, de acuerdo con cronograma de inducción, reinducción, entrenamiento y capacitación y con los recursos necesarios para su adecuada implementación.

Esta fase está a cargo del responsable del SG-SST, responsable de talento humano, profesionales SST de obras y proyectos, proveedores de la ARL y facilitadores externos de acuerdo con necesidad.

Fase 4. Evaluar programa de capacitación:

El programa de capacitación se evaluará en 2 sentidos:

- Evaluación específica de las actividades realizadas, en la que cada facilitador que imparta inducción, reinducción, capacitación o entrenamiento realizará la evaluación de su eficacia. Durante la ejecución diaria de las actividades laborales en los puestos de trabajo será el jefe inmediato y profesional SST que verificarán la aplicación de conocimientos.

- Revisión y evaluación general del programa de capacitación, en la que se contará con la participación del COPASST y la alta dirección y podrá realizarse a través de reuniones y/o en revisión por la dirección presentando los resultados de acuerdo con los indicadores definidos. Estará a cargo del responsable SST.

Fase 5. Identificar e implementar acciones de mejora:
De acuerdo con los resultados de la fase anterior, se formularán las acciones de mejora que correspondan y se ajustará el programa por lo menos una vez al año que sean acordes con la evaluación realizada y/o nuevos riesgos identificados.

Esta fase estará a cargo del responsable SST y Gerencia.

5.1. ESTRATEGIAS

La metodología a utilizar para el desarrollo del programa de capacitación estará enfocada al desarrollo de estrategias que permitan incentivar la participación de todo el personal a quien van dirigidas las actividades formuladas.
Las siguientes son algunas estrategias a tener en cuenta:

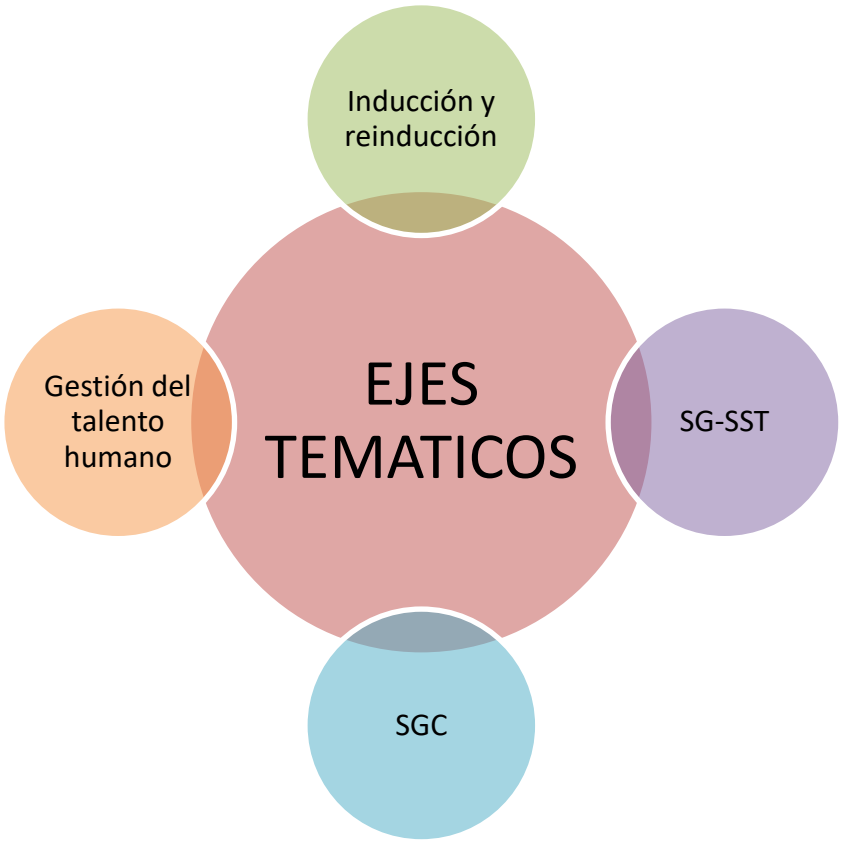
- Capacitación virtual a través de la plataforma virtual de ARL.
- Capacitación presencial de acuerdo con plan de formación de ARL.

- Capacitación presencial por parte del responsable de SST y/o facilitadores externos a través de charlas magistrales, talleres, análisis de casos, etc.
- Entrenamiento (práctica) de acuerdo con necesidad y cronograma establecido.
- Sensibilización a través de correo electrónico.

Para la implementación de las estrategias se tendrá en cuenta nivel educativo del grupo y sus necesidades específicas.

5.2. EJES TEMÁTICOS DE CAPACITACIÓN Y ENTRENAMIENTO

Se presenta a manera general los ejes temáticos de capacitación, los cuales se desarrollan más adelante y son aplicables tanto para el área administrativa, como operativa (obras y proyectos), según necesidad.



Se realizarán las actividades de capacitación de acuerdo con los requisitos de conocimiento y práctica necesarios para los trabajadores de acuerdo al cargo y teniendo en cuenta los riesgos a los cuales van a estar expuestos, tal como se muestra en el anexo 1 Matriz de capacitación.

5.2.1 **Inducción y re inducción**

Los responsables del cumplimiento del eje temático de inducción y re inducción son:

ACTIVIDAD	ÁREA	RESPONSABLE
Inducción, reinducción (General, Seguridad y Salud en el Trabajo, Gestión de Calidad)	Administrativa y personal de nivel de Coordinación y supervisión.	Dir. Desarrollo Organizacional. Participan los responsables de compras, contabilidad y tesorería.
Inducción, reinducción (General, Seguridad y Salud en el Trabajo)	Operativa (Obras y proyectos)	Residentes de Obra y/o Profesional en seguridad y salud en el trabajo en las obras donde se cuente con este apoyo.

La inducción está dirigida a todo el personal que se vincule independientemente de su forma de contratación. Se realiza el mismo día en que el trabajador ingresa a la empresa, con mínimo la siguiente temática que encierra a manera general los ejes temáticos de SG-SST, SGC y talento humano y se realiza en 2 etapas:

a. **Inducción general**: en la cual se tratarán los siguientes temas:

TEMA	AREA EN LA QUE APLICA			RESPONSABLE
	ADMIN.	COORDINACIÓN Y SUPERVISIÓN	OPERATIVA	
Políticas de la empresa: De calidad, de seguridad y salud en el trabajo, de prevención al consumo de alcohol, tabaco y drogas.	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Misión y visión de la empresa.	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Organigrama de la empresa	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.

Mapa de procesos	X	X		Director Desarrollo Organizacional.
Objetivos de calidad	X	X		Director Desarrollo Organizacional.
Objetivos de seguridad y salud en el trabajo	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Aspectos relativos a la relación contractual laboral: Tipo de contrato, período de prueba, períodos de pago, forma de pago, prestaciones sociales, evaluación de desempeño.	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Generalidades sobre seguridad social, incapacidades.	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Reglamento interno de trabajo – RIT: Horarios, solicitudes de permisos, ausencias, faltas leves, faltas graves, régimen de sanciones, actividades de bienestar, etc.	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Comité Paritario de Seguridad y salud en el trabajo	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Comité de Convivencia Laboral - Manual de convivencia de la empresa y su obligatoriedad de cumplimiento.	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Generalidades Sistema Gestión de Seguridad y Salud en el Trabajo	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Reglamento de Higiene y seguridad industrial	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.

Obligaciones y responsabilidades en materia de seguridad y salud en el trabajo	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Normas básicas de seguridad en oficina y en obra	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Definición de accidente de trabajo y procedimiento para reporte; definición de enfermedad laboral	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Definición de peligro y riesgo Ejercicio de Identificación	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Autoreporte de actos y condiciones inseguras, y de condiciones de salud	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Plan de emergencias: Sistema de alarma, rutas de evacuación, punto de encuentro, brigada de emergencias	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Equipo SST en la empresa	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.

b. **Inducción específica**: en la cual se tratarán los siguientes temas:

TEMA	AREA EN LA QUE APLICA			RESPONSABLE
	ADMIN.	COORDINACIÓN Y SUPERVISIÓN	OPERATIVA	
Funciones y perfil del cargo	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Sistema de Gestión de Calidad: Caracterización del proceso, documentos	X	X		Director Desarrollo Organizacional. Coordinador Calidad.

de cada proceso con el que tiene interrelación, reporte de acciones, producto no conforme, indicadores				
Acceso a servidor de la oficina, asignación de usuario y contraseña y explicación de carpetas en el servidor	X	X		Jefe inmediato
Procedimiento para ingreso, vinculación y retiro de personal		X		Director Desarrollo Organizacional.
Reporte, generación y pago de nómina a personal de obra		X		Director Desarrollo Organizacional.
Obligaciones en el manejo de personal		X		Director Desarrollo Organizacional.
Notificación de riesgos laborales de acuerdo con el cargo	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Implementación y control de seguridad y salud en el trabajo en obra		X	X	Director Desarrollo Organizacional. Residentes de Obra.
Manejo de residuos generados en obra		X	X	Director Desarrollo Organizacional. Residentes de Obra.
Control de subcontratistas – Manual de SST para subcontratistas	X	X	X	Director Desarrollo Organizacional. Residentes de Obra.
Elementos de protección personal por cargo. Entrega, reposición, uso, almacenamiento e higiene		X	X	Director Desarrollo Organizacional. Residentes de Obra.
Tareas críticas, permisos de trabajo, procedimientos trabajo seguro		X	X	Director Desarrollo Organizacional. Residentes de Obra.
Importancia de las Inspecciones de seguridad		X	X	Director Desarrollo Organizacional. Residentes de Obra.

Gestión del cambio, contratación y adquisiciones	X	X		Director Desarrollo Organizacional.
Procedimiento para gestión de compras		X		Asistente de Compras
Procedimientos de contabilidad y tesorería		X		Contador y Tesorero
Especificaciones obra o proyecto a ejecutar, documentación técnica, procedimientos		X		Director de Obra

Hará parte del proceso de inducción, el recorrido por las instalaciones de la empresa u obra, la presentación de los compañeros de trabajo y de los responsables de los procesos con los cuales el trabajador tendrá interrelación.

El proceso de reinducción se realizará a todos los trabajadores por lo menos cada dos años, o antes, en caso que amerite de acuerdo con los cambios que se produzcan. Se hará reinducción además en las siguientes situaciones:

- Cuando se presenten cambios normativos en SST.
- Si el trabajador ha permanecido alejado de su sitio de trabajo por lo menos un período superior a 2 meses, por razones de incapacidad, licencia, vacaciones entre otras situaciones.
- Si se presentan nuevos procedimientos, procesos, reglamentos, instructivos o formatos o se modifican los existentes.
- Si se ha introducido nueva tecnología.
- Si no cumple con los estándares de seguridad.
- Si el trabajador ha sufrido accidentes graves o leves pero repetitivos o se ha presentado esta situación en algún centro de trabajo.

El trabajador tiene la obligación de asistir a la inducción y reinducción de acuerdo con la planeación y requerimientos de la empresa, la asistencia quedará consignada en el formato entrenamiento y capacitación y será evaluada de acuerdo con el formato establecido y/o estrategia adecuada de acuerdo al grupo objetivo.

5.2.2. Seguridad y Salud en el Trabajo

De acuerdo con los riesgos identificados en el área administrativa y en cada obra o proyecto, se realizará capacitación y entrenamiento en la prevención de los diferentes riesgos a los que está expuesto el personal:

a. Peligros y riesgos biológicos

- Socialización del riesgo identificado.
- Protocolo por accidente con riesgo Biológico.
- Protocolo lavado de manos.
- Protocolo de uso seguro de Elementos de Protección Personal (EPP).
- Matriz de EPP.
- Saneamiento básico: manejo adecuado de residuos.

b. Peligros y Riesgos Físicos

- Ruido
- Iluminación
- Radiación (No ionizante)
- Vibración mano brazo y cuerpo entero (si aplica).

c. Peligros y Riesgos químicos

- Socialización inventario de sustancias químicas y hojas de seguridad.
- Programa de Gestión para la Prevención de los Factores de Riesgo Químicos.
- Protocolo de respuesta ante emergencias por derrames de sustancias químicas.
- Uso seguro de Elementos de Protección Personal (EPP).
- Matriz de EPP.

d. Control de los Factores de Riesgos Psicosociales

- Socializar diagnóstico Batería de Riesgo Psicosocial.
- Comunicación asertiva.
- Divulgación manual de convivencia.
- Otras de acuerdo con resultados medición batería.

e. Peligros y Riesgos de Seguridad

- Normas de seguridad en oficina.
- Normas de seguridad en obra.
- Prevención de caídas al mismo nivel.
- Socialización de los Factores de Riesgo Público, protocolos prevención riesgo público
- Seguridad vial - Manejo defensivo para conductores.
- Eléctricos (Baja, media y alta tensión).
- Físico-Químico (Incendio y Explosión).
- Mecánicos: Utilización maquinas, equipos, herramienta manual y mecanizada, cargas en suspensión.
- Locativos.
- Trabajos en Alturas de acuerdo con normatividad vigente.
- Excavaciones.
- Espacios confinados.

- Trabajo seguro con soldadura.
- Orden y Aseo, almacenamiento seguro.
- Señalización y demarcación.
- Procedimientos de trabajo seguro para tareas críticas.

f. Peligros y Riesgos biomecánicos

- Manejo seguro de cargas.
- Movimientos repetitivos miembros superiores.
- Higiene postural.
- Taller de pausa Activa.
- Sensibilización prevención de las Lesiones de Columna
- Programa de Vigilancia Epidemiológica para la prevención de los Desórdenes Músculo Esqueléticos (PVE-DME).

En seguridad y salud en el trabajo también se realizarán jornadas de capacitación relacionadas con:

a. Prevención en salud

- Prevención consumo de alcohol, tabaco y sustancias psicoactivas.
- Manejo de videoterminales – salud visual.
- Estilos de vida y trabajo saludables encaminados a prevención de riesgo cardiovascular.
- Prevención frente al cáncer en la mujer (seno y útero)
- Prevención de cáncer en el hombre (Próstata y testículo)
- Prevención cáncer de piel.
- Síndrome túnel del Carpo.
- Las demás necesarias de acuerdo a diagnóstico condiciones de salud, EMO y ausentismo.

b. Comité Paritario de seguridad y salud en el trabajo

- Qué és el COPASST, funciones, estructura, funciones presidente y secretario.
- Investigación de accidentes de trabajo – metodología.
- Procedimiento para reporte e investigación de ATEL.
- Inspecciones de seguridad, programa de inspecciones, listas de chequeo.
- Divulgación del SG-SST.

c. Comité Convivencia Laboral

- Qué es, funciones, estructura.
- Normatividad.
- Manual de Convivencia.

d. Prevención, Preparación y Respuesta a Emergencias – Brigada emergencias

- Socialización del Plan de Emergencias y Contingencias.
- Simulacros.
- Integrantes y ubicación de la Brigadas de Emergencias.

- Primeros auxilios.
- Contra incendio.
- Evacuación.

e. Aspectos legales en SST / documentos SG-SST

- Normatividad vigente en Colombia.
- Responsabilidad civil y penal en SST.
- Documento SG-SST, formatos, procedimientos, etc.

5.2.3 Sistema Gestión de Calidad

Este eje temático se desarrollará de acuerdo a la programación que establezca el Coordinador de Calidad y se iniciará en el proceso de inducción, teniendo en cuenta la temática establecida.

5.2.4 Gestión del Talento Humano

En este eje se tendrán en cuenta las actividades necesarias que apunten a mejorar las habilidades y el desempeño del personal.

Se tendrá como entradas los resultados de la evaluación de desempeño y las solicitudes de los jefes inmediatos para la mejora continua.

6. RECURSOS

6.1 Humanos:

PERSONAL GESTION RURAL Y URBANA S.A.S.
Director de Desarrollo Organizacional
Profesionales Especialistas SST por obra o proyecto.
COPASST, CCL, Brigadistas
Responsable SST de subcontratistas.
ARL
Asesores SST
Proveedores SST
Red de formación ARL

PERSONAL EXTERNO
EPS, Caja de compensación a través de gestión.
Centros de capacitación en trabajo seguro en alturas avalados según normatividad vigente.

6.2 Técnicos y logísticos

- Plataforma virtual ARL.
- Espacios capacitación presencial ARL.
- Cronograma de capacitación en SST (Para el área administrativa y para obras o proyectos).
- Sala de Capacitación.
- Video Beam.
- Computador Portátil.
- Folletos, papelería.
- Cartelera de seguridad.
- Material audiovisual.

6.3. Económicos

Los necesarios de acuerdo con los requerimientos y presupuesto establecido dentro del SG-SST.

7. CRONOGRAMA DE CAPACITACIÓN

Teniendo en cuenta la dinámica de la empresa, se dispondrá de un cronograma de actividades para el área administrativa, el cual se encuentra adjunto a este plan de capacitación. Anexo 2.

Se tendrá un cronograma de actividades de capacitación para cada una de las obras o proyectos, el cual se encuentra en el documento de SST respectivo.

8. INDICADORES DE GESTIÓN

Los establecidos en el anexo de indicadores de estructura, proceso y resultado del SG-SST.

9. DOCUMENTOS ASOCIADOS

- Matriz de capacitación y entrenamiento por cargo.
- F-GTH-13 Cronograma de capacitación y entrenamiento.
- F-GTH-05 Formato Entrenamiento y capacitación.
- F-GTH-06 Formato evaluación de la eficacia de la formación.
- F-GTH-07 Formato evaluación de inducción.

PROGRAMA INTEGRAL DE CAPACITACION	GESTIÓN RURAL Y URBANA SAS
	PG-SST-08-VER-02

Elaboró	Revisó	Aprobó
Sandra Patricia Abril S. Lic. 8863 de 09/2008	Ing. Gildardo Castillo Sánchez	Ing. Gildardo Castillo Sánchez

CONTROL DE CAMBIOS AL DOCUMENTO		
FECHA	CAMBIO	VERSION
Enero 2017	Edición	00
Junio 2017	Ajuste de actividades a realizar, responsabilidades y recursos	01
08/02/2019	Ajuste de programa de capacitación incluyendo los ejes temáticos que involucran el programa, recursos, indicadores y documentos asociados.	02

ANEXOS GENERALES (PARA LOS DOS FRENTES)

CONTROL DE CORRESPONDENCIA

RELACIÓN DE CORRESPONDENCIA				
ENVIADA				
FECHA	**REFERENCIA / RADICADO**	**ASUNTO**	**ENVÍA**	**RECIBE**
1/11/2024	INT-ICA-2024-009	Observación a documentación entregada para el inicio del contrato de obra.	INTERVENTORIA	CONTRATISTA DE OBRA
1/11/2024	INT-ICA-2024-010	Aprobación hojas de vida personal profesional mínimo	INTERVENTORIA	CONTRATISTA DE OBRA
1/11/2024	INT-ICA-2024-011	Solicitud de listado de personal	INTERVENTORIA	CONTRATISTA DE OBRA
1/11/2024	INT-ICA-2024-012	Remisión documentos contratista de obra para el inicio de actividades	INTERVENTORIA	SUPERVISION
1/11/2024	INT-ICA-2024-013	Remisión listado de personal de interventoría	INTERVENTORIA	SUPERVISION
6/11/2024	INT-ICA-2024-014	Aprobación hojas de vida personal de Obra y cambio de Inspector SISOMA.	INTERVENTORIA	CONTRATISTA DE OBRA
6/11/2024	INT-ICA-2024-015	Aprobación personal de Obra - Cambio de inspector SISOMA	INTERVENTORIA	SUPERVISION
6/11/2024	INT-ICA-2024-016	Solicitud de listado de personal	INTERVENTORIA	CONTRATISTA DE OBRA
7/11/2024	INT-ICA-2024-017	Respuesta al comunicado N°20242125442	INTERVENTORIA	SUPERVISION
8/11/2024	INT-ICA-2024-018	Solicitud remisión Informe Quincenal.	INTERVENTORIA	CONTRATISTA DE OBRA
8/11/2024	INT-ICA-2024-019	Remisión de diseños	INTERVENTORIA	CONTRATISTA DE OBRA
12/11/2024	INT-ICA-2024-020	SOLICITUD AUTORIZACIÓN PARA DESMONTE DE AIRES ACONDICONADOS Y GABINETE DE REDES DE INTERNET – EL CARMEN DE BOLIVAR	INTERVENTORIA	SUPERVISION
18/11/2024	INT-ICA-2024-021	Solicitud cambio de residente de Interventoría sede ICA Magangué	INTERVENTORIA	SUPERVISION
18/11/2024	INT-ICA-2024-022	Solicitud de listado de personal	INTERVENTORIA	CONTRATISTA DE OBRA
19/11/2024	INT-ICA-2024-023	Solicitud entrega de programas HSEQ	INTERVENTORIA	CONTRATISTA DE OBRA
19/11/2024	INT-ICA-2024-024	Solicitud entrega de Información Técnica	INTERVENTORIA	CONTRATISTA DE OBRA
19/11/2024	INT-ICA-2024-025	Solicitud cumplimiento de obligaciones contractuales.	INTERVENTORIA	CONTRATISTA DE OBRA
20/11/2024	INT-ICA-2024-026	Solicitud aprobación cambio de residente de interventoría sede ICA Magangué	INTERVENTORIA	SUPERVISION
20/11/2024	INT-ICA-2024-027	Requerimientos contractuales del área SST y Ambiental	INTERVENTORIA	CONTRATISTA DE OBRA
20/11/2024	INT-ICA-2024-028	Solicitud entrega de Información	INTERVENTORIA	CONTRATISTA DE OBRA
21/11/2024	INT-ICA-2024-029	Ejecución de actividades sin autorización de la interventoría.	INTERVENTORIA	CONTRATISTA DE OBRA
21/11/2024	INT-ICA-2024-030	Solicitud de aportes a seguridad social del trabajador Sandy Manuel Fortich Madera	INTERVENTORIA	CONTRATISTA DE OBRA
23/11/2024	INT-ICA-2024-031	Requerimiento de la interventoría del CONTRATO N° GGC-089- 2024 por presunto incumplimiento para el contrato de la referencia	INTERVENTORIA	CONTRATISTA DE OBRA
25/11/2024	INT-ICA-2024-032	Respuesta oficio GRU-GGC-089-2024-13-24 ESTRUCTURA METALICA.	INTERVENTORIA	CONTRATISTA DE OBRA
25/11/2024	INT-ICA-2024-033	Respuesta a oficio 20242126793|	INTERVENTORIA	SUPERVISION
28/11/2024	INT-ICA-2024-034	Respuesta oficio GRU-GGC-089-2024-16-24 (Planta eléctrica).	INTERVENTORIA	CONTRATISTA DE OBRA
28/11/2024	INT-ICA-2024-035	Ampliación y actualización comunicado INT-ICA-2024-033	INTERVENTORIA	SUPERVISION
29/11/2024	INT-ICA-2024-036	Solicitud aplicación de medidas preventivas	INTERVENTORIA	CONTRATISTA DE OBRA
RECIBIDA				
FECHA	**REFERENCIA / RADICADO**	**ASUNTO**	**ENVÍA**	**RECIBE**
1/11/2024	GRU-GGC-089-2024-05-24	Entrega observaciones a las hojas de vida en atención al oficio INTICA-BOL-008	CONTRATISTA DE OBRA	INTERVENTORIA
5/11/2024	20242125442	Solicitud acta de inicio y reiteración listado de personal de obra	SUPERVISION	INTERVENTORIA

RELACIÓN DE CORRESPONDENCIA				
5/11/2024	GRU-GGC-089-2024-06-24	Listado de personal frente Carmen de Bolívar	CONTRATISTA DE OBRA	INTERVENTORIA
5/11/2024	GRU-GGC-089-2024-07-24	Cambio de personal mínimo - inspector SISOMA	CONTRATISTA DE OBRA	INTERVENTORIA
7/11/2024	GRU-GGC-089-2024-08-24	Relación completa de personal en obra en respuesta al oficio INTICA-2024-016	CONTRATISTA DE OBRA	INTERVENTORIA
8/11/2024	GRU-GGC-089-2024-09-24	Desmonte retiro de las unidades de AA y panel de conexiones de redes de internet - El Carmen de Bolívar	CONTRATISTA DE OBRA	INTERVENTORIA
14/11/2024	GRU-GGC-089-2024-11-24	Entrega de detalle del cerramiento de la sede de Magangué	CONTRATISTA DE OBRA	INTERVENTORIA
15/11/2024	GRU-GGC-089-2024-12-24	Entrega de alcance al detalle del cerramiento de la sede de Magangué	CONTRATISTA DE OBRA	INTERVENTORIA
19/11/2024	GRU-GGC-089-2024-13-24	Entrega del diagnóstico de la estructura metálica y cubierta existente de los dos frentes de trabajo, Carmen de Bolívar y Magangué.	CONTRATISTA DE OBRA	INTERVENTORIA
19/11/2024	20242126792	Revisión y aprobación residente de interventoría	SUPERVISION	INTERVENTORIA
19/11/2024	20242126793	Verificación cumplimiento de obligaciones y solicitud informe estado contrato	SUPERVISION	INTERVENTORIA
20/11/2024	20242126904	Respuesta a radicado No. INT-ICA-2024-020 donde se solicita autorización para el desmonte de aires acondicionados y gabinete de internet en la sede Carmen de Bolívar.	SUPERVISION	INTERVENTORIA
24/11/2024	GRU-GGC-089-2024-14-24	Respuesta al oficio INT-ICA-2024-031 a lo referente con el presunto incumplimiento del contrato de referencia	CONTRATISTA DE OBRA	INTERVENTORIA
25/11/2024	20242127302	Aprobación especialista estructural	SUPERVISION	INTERVENTORIA
25/11/2024	GRU-GGC-089-2024-15-24	Solicitud de cambio de especificación técnica de la teja tipo sándwich.	CONTRATISTA DE OBRA	INTERVENTORIA
25/11/2024	GRU-GGC-089-2024-16-24	Envío ficha técnica de planta eléctrica	CONTRATISTA DE OBRA	INTERVENTORIA
27/11/2024	GRU-GGC-089-2024-17-24	Envío respuesta de las observaciones de los planteamientos estructurales, cubierta y cerramiento del oficio	CONTRATISTA DE OBRA	INTERVENTORIA
29/11/2024	GRU-GGC-089-2024-18-24	Socialización del proyecto	CONTRATISTA DE OBRA	INTERVENTORIA
29/11/2024	GRU-GGC-089-2024-19-24	Plan de calidad	CONTRATISTA DE OBRA	INTERVENTORIA

CORRESPONDENCIA ENVIADA

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 1 de noviembre del 2024. **INT-ICA-2024-009**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Observación a documentación entregada para el inicio del contrato de obra.

Cordial salud, mediante la presente me permito informar que de no contar con las subsanaciones de las observaciones realizadas a las hojas de vida del personal propuesto mediante oficio **INT-ICA-2024-009, a más tardar a la 1:00 pm**, no será posible alcanzar a validar la información que se encuentra pendiente y por lo tanto no se podrá dar cumplimiento al compromiso adquirido de remitir toda la documentación requerida para el inicio del contrato antes del 1 de noviembre, y de esta manera poder dar inicio al contrato el 1 de noviembre del 2024.

Es preciso anotar, que para dar cumplimiento a los compromisos adquiridos, no basta solo con el envío de la documentación, sino con el envío a satisfacción de la misma, con las subsanaciones que hayan a lugar posterior a la revisión por parte de la interventoría.

Teniendo en cuenta esto, y amparado en las obligaciones estipuladas en el anexo técnico, que indican que una vez el contratista realice el primer envío de las hojas de vida, y la interventoría le realice las observaciones que haya a lugar *(…) el contratista deberá allegar la(s) hojas de vida pendientes dentro de un (1) día hábil siguiente a la comunicación de la interventoría* (…) es que se realiza la presente solicitud de remitir las subsanaciones a mas tardar el día de hoy.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 1 de noviembre del 2024. **INT-ICA-2024-010**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Aprobación hojas de vida personal profesional mínimo

Cordial saludo, por medio de la presente me permito dar aprobación a las hojas de vida del personal profesional propuesto para conformar el equipo de trabajo del contrato en referencia de la siguiente manera:

CARGO	NOMBRE DEL PROFESIONAL	N° TARJETA PROFESIONAL	PROFESIÓN
Director de obra	Javier Felipe Castillo Gutierrez	25202-357196 CND	Ingeniero Civil
Residente de obra 1	Maira Andrea Romani Simanca	A-37722019-1143395496	Arquitecta
Residente de obra 2	Karen Andrea Arias Guerra	A-4452019-1102857350	Arquitecta
Ingeniero Electricista	Sandy Manuel Fortich Madera	AN205-100699	Ingeniero Electricista
Ingeniero Estructural	Climaco Andres Hernandez Montes	22202-201945 COR	Ingeniero Civil
Inspector SISOMA	Marilyn Ospina Lopez	Resolución No. 95 418	Profesional en salud ocupacional

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 1 de noviembre del 2024. **INT-ICA-2024-011**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud de listado de personal

Cordial saludo, mediante la presente me permito solicitar enviar el listado del personal profesional y operativo, que va a ingresar a cada una de las sedes, junto con las respectivas afiliaciones al sistema de seguridad social, esto con el fin de solicitar aprobación del ingreso de dicho personal a cada una de las sedes.

El listado debe contener como mínimo la siguiente información:

1. Nombre completo.
2. Cedula.
3. Eps
4. Arl
5. Frente de trabajo.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 1 de noviembre del 2024. **INT-ICA-2024-012**

Arquitecto
KEIBER ALEXANDER COLORADO LANDAZURI
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Remisión documentos contratista de obra para el inicio de actividades

Cordial saludo, mediante la presente me permito remitir los siguientes documentos remitidos por el contratista, revisados y avalados por la interventoría, necesarios para el inicio del contrato.

1. APU
2. DESGLOSE DE AIU
3. PROGRAMACION DE OBRA
4. PLAN DE GESTION, SEGURIDAD Y SALUD EN EL TRABAJO
5. HOJAS DE VIDA DEL EQUIPO DE TRABAJO
6. INFORME DE DIAGNOSTICO

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 1 de noviembre del 2024. **INT-ICA-2024-013**

Arquitecto
KEIBER ALEXANDER COLORADO LANDAZURI
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Remisión listado de personal de interventoría

Cordial saludo, mediante la presente me permito remitir el listado del personal de interventoría que va a ingresar a cada uno de los frentes.

NOMBRE	CEDULA	FRENTE DE TRABAJO	EPS	ARL
Sandra Liliana Quiroga Sepúlveda	37.277.497	Carmen de Bolívar-Magangué	Sanitas	Positiva
Ruby Stefanny Caceres Quintero	1.095.940.261	Carmen de Bolívar-Magangué	Salud Total	Positiva
Rafael Domingo Santos Villadiego	1.019.009.336	Carmen de Bolívar	Coosalud	Sura
Alejandro Jose Frasser Nuñez	1.102.878.737	Magangué	Salud Total	Sura
Jose Alexander Gonzalez Bautista	80024639	Carmen de Bolívar-Magangué	Salud Total	Positiva

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 06 de noviembre del 2024. **INT-ICA-2024-014**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Aprobación hojas de vida personal de Obra y cambio de Inspector SISOMA.

Cordial saludo, mediante la presente me permito dar aprobación a las hojas de vida del personal profesional propuesto para conformar el equipo de trabajo del contrato en referencia, además de atender a la solicitud del cambio de profesional para el cargo de Inspector SISOMA, de acuerdo con el comunicado *GRU-GGC-089-2024-07-24*, de la siguiente manera:

CARGO	NOMBRE DEL PROFESIONAL	N° TARJETA PROFESIONAL	PROFESION
Director de Obra	Javier Felipe Castillo Gutierrez	25202-357196 CND	Ingeniero Civil
Residente de Obra 1	Maira Andrea Romani Simanca	A-37722019-1143395496	Arquitecta
Residente de Obra 2	Karen Andrea Arias Guerra	A-4452019-102857350	Arquitecta
Ingeniero Electricista	Sandy Manuel Fortich Madera	AN205-100699	Ingeniero Electricista
Ingeniero Estructural	Climaco Andres Hernandez Montes	22202-201945 COR	Ingeniero Civil
Inspector SISOMA	Loraines María Barrios Campo	Resolución N° 765	Profesional en Salud Ocupacional

De igual manera, solicito finalizar la entrega de los soportes de pago de parafiscales de todo el personal mínimo requerido, además del personal de mano de obra no calificada, toda vez que la entrega de dichos soportes se ha realizado de manera parcial.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 06 de noviembre del 2024. **INT-ICA-2024-015**

Arquitecto
KEIBER ALEXANDER COLORADO LANDAZURI
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la Supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Aprobación personal de Obra - Cambio de inspector SISOMA

Cordial saludo, mediante la presente me permito remitir las hojas de vida de los profesionales presentados por el contratista de obra para conformar el equipo mínimo de trabajo establecido en los pliegos, previa revisión y aval de la interventoría. Así mismo, y de acuerdo con la solicitud realizada por el contratista de obra para el cambio del profesional presentado para el cargo de Inspector SISOMA, la interventoría se permite dar aprobación a la misma, toda vez que se cumplen todos los requisitos.

CARGO	NOMBRE DEL PROFESIONAL	N° TARJETA PROFESIONAL	PROFESION
Director de Obra	Javier Felipe Castillo Gutierrez	25202-357196 CND	Ingeniero Civil
Residente de Obra 1	Maira Andrea Romani Simanca	A-37722019-1143395496	Arquitecta
Residente de Obra 2	Karen Andrea Arias Guerra	A-4452019-102857350	Arquitecta
Ingeniero Electricista	Sandy Manuel Fortich Madera	AN205-100699	Ingeniero Electricista
Ingeniero Estructural	Climaco Andres Hernandez Montes	22202-201945 COR	Ingeniero Civil
Inspector SISOMA	Loraines María Barrios Campo	Resolución N° 765	Profesional en Salud Ocupacional

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 06 de noviembre del 2024. **INT-ICA-2024-016**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud de listado de personal

Cordial saludo,

La interventoría en cumplimiento de sus obligaciones realiza la revisión correspondiente a la documentación remitida para el ingreso de personal, así mismo, se aplicaron los lineamientos establecidos por la supervisión para TODO EL PERSONAL vinculado al proyecto donde se generaron las siguientes observaciones:

FRENTE DE TRABAJO: CARMEN DE BOLIVAR

1. ALBERTO CARLOS CASTILLO CONTRERAS:

Se requiere el examen periódico ocupacional, dado que el soporte remitido tiene fecha de realización del mes de octubre de 2023, además se debe tener en cuenta que el trabajador está expuesto a un riesgo laboral V.

2. IVAN JOE CARRASCAL MANJARRES

Se requiere el examen periódico ocupacional, dado que el soporte remitido tiene fecha de realización del mes de octubre de 2023, además se debe tener en cuenta que el trabajador está expuesto a un riesgo laboral V.

3. OSCAR CASTRO CONTRERAS

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

4. MAIRA ANDREA ROMANI SIMANCA

No se evidencia el soporte de examen ocupacional de ingreso

5. MARISOL OSORIO TORRES

No se presenta ningún soporte

FRENTE DE TRABAJO: MAGANGUE

1. AQUILIO OLEA MARTINEZ

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

2. JORGE SIERRA FALCO

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

3. KAREN ARIAS GUERRA

No se evidencia el soporte de examen ocupacional de ingreso

4. WILLIAM SIERRA FRANCO

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

5. NILSON VILLALBA FLOREZ

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

Teniendo en cuenta lo anterior, la interventoría relaciona a continuación quien se encuentra autorizado y quien no para ingreso e inicio de actividades en obra:

N°	NOMBRES	APELLIDOS	IDENTIFICACION	CARGO	ARL	EPS	AFP	C ALTURAS	AUTORIZADO
CARMEN DE BOLIVAR									
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179									
1	ALBERTO CARLOS	CASTILLO CONTRERAS	1017124408		POSITIVA	SALUD TOTAL	PROTECCION	NA	SI
2	IVAN JOSE	CARRASCAL MANJARRES	1100622765		POSITIVA	CAJACOPI	PORVENIR	NA	SI
3	OSCAR	CASTRO CONTRERAS	92529978		POSITIVA	COOSALUD	NO PRESENTA	NA	NO
4	MAIRA ANDREA	ROMANI SIMANCA	1143395496		POSITIVA	FAMILIAR DE COLOMBIA	COLFONDOS	NA	SI
5	MARISOL	OSORIO TORRES	1052082724		NO PRESENTA	NO PRESENTA	NO PRESENTA	NA	NO
MAGANGUE									
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179									
1	AQUILIO	OLEA MARTINEZ	11058425		POSITIVA	FAMILIAR DE COLOMBIA	NO PRESENTA	NA	NO
2	JORGE RAMON	SIERRA FALCO	92258930		POSITIVA	MUTUALSER	NO PRESENTA	NA	NO
3	KAREN ANDREA	ARIAS GUERRA	1102857350		POSITIVA	COOSALUD	PORVENIR	NA	SI
4	WILLIAM RAFAEL	SIERRA FALCO	92260059		POSITIVA	NUEVA EPS	NO PRESENTA	NA	NO
5	NILSON RAFAEL	VILLALBA FLOREZ	1100696400		POSITIVA	NUEVA EPS	NO PRESENTA	NA	NO

Por otra parte, se requiere relacionar el cargo que ocupa cada trabajador para continuar con el respectivo seguimiento.

Además de lo anterior, no se recibió documentación para los profesionales que vamos a relacionar a continuación y que deben ser remitidos de manera inmediata, junto con la subsanación relacionada líneas atrás:

CARGO	NOMBRE DEL PROFESIONAL	N° TARJETA PROFESIONAL	PROFESION
Director de Obra	Javier Felipe Castillo Gutierrez	25202-357196 CND	Ingeniero Civil
Ingeniero Electricista	Sandy Manuel Fortich Madera	AN205-100699	Ingeniero Electricista
Ingeniero Estructural	Climaco Andres Hernandez Montes	22202-201945 COR	Ingeniero Civil
Inspector SISOMA	Loraines María Barrios Campo	Resolución N° 765	Profesional en Salud Ocupacional

Finalmente, cabe mencionar que no se evidencia personal afiliado a la empresa GESTION RURAL Y URBANA SAS, quien contractualmente es quien deberá ejecutar el contrato en mención, por lo tanto, se le recuerda la *"CLAUSULA DECIMA SEGUNDA. - RESPONSABILIDAD: El Contratista es responsable por el cumplimiento de las obligaciones pactadas en el contrato. Además, responderá por los daños generados a la Entidad en la ejecución del contrato, causados por sus Contratistas o empleados, y de sus subcontratistas"* y que el plazo de subsanación es perentorio para autorizar trabajos en sus respectivos frentes.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 07 de noviembre del 2024. **INT-ICA-2024-017**

Arquitecto
KEIBER ALEXANDER COLORADO LANDAZURI
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la Supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Respuesta al comunicado N°20242125442

Cordial saludo, mediante la presente me permito informar que el acta de inicio del contrato de obra N° GGC-089-2024 ya fue diligenciada, tramitada y remitida a la entidad el día 05 de noviembre de 2024 al correo electrónico del apoyo a la supervisión.

Así mismo, se remitió el listado del personal de obra con las respectivas afiliaciones al sistema de seguridad social y riesgos laborales, dando así respuesta a la solicitud realizada por la entidad para el trámite de inicio de la obra objeto de la presente interventoría.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 08 de noviembre del 2024. **INT-ICA-2024-018**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

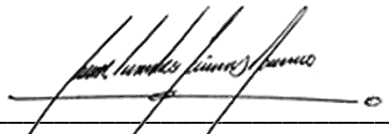
ASUNTO: Solicitud remisión Informe Quincenal.

Cordial saludo, por medio de la presente, me permito solicitar la remisión del informe técnico quincenal de obra, con el fin de verificar el avance de las actividades durante la primera semana de labores y dar cumplimiento al numeral 23 de las obligaciones específicas del contratista de obra (posteriormente se deberá remitir un informe cada quince días).

Este informe deberá contener la siguiente información:
• Encabezado de la semana: Fecha, número de informe, Periodo.
• Datos contractuales: Contratista, No. Contrato, Objeto, Valor inicial, Valor actualizado, Fecha de Inicio, Fecha de Vencimiento, Prorrogas (detallas todas las prórrogas del contrato), Suspensiones, Interventor.
• Control de Programación: porcentaje de obra programado, porcentaje de obra ejecutado, porcentaje acumulado de obra tanto del programado como el ejecutado.
• Control presupuesto: valor de obra programado, valor de obra ejecutado, valor de obra acumulado tanto del programado como del ejecutado.
• Actividades realizadas en la semana.
• Resumen Ejecutivo del contrato.
• Personal y equipo en obra.
• Registro fotográfico del antes y el después.
• Gestión de los tramites contractuales.

Se solicita la entrega del primer informe quincenal con corte al día martes 12 de noviembre de 2024.

Cordialmente,



JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Cc Supervisión del Contrato

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 08 de noviembre del 2024. **INT-ICA-2024-019**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Remisión de diseños.

Cordial saludo, mediante la presente me permito remitir los diseños eléctricos, de mobiliario, plantas arquitectónicas y de cubiertas y estudios de iluminación para las sedes de Magangué y Carmen de Bolívar.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 12 de noviembre del 2024. **INT-ICA-2024-020**

Arquitecto
VICTOR CAMILO CLAVIJO MORENO
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la Supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD AUTORIZACIÓN PARA DESMONTE DE AIRES ACONDICONADOS Y GABINETE DE REDES DE INTERNET – EL CARMEN DE BOLIVAR

Cordial saludo, mediante la presente me permito solicitar autorización para el desmonte y retiro de equipos de Aires Acondicionados y gabinete de redes de internet, toda vez que tras la intervención de las oficinas y el retiro del cielo raso, se requiere atender esta solicitud previo al inicio de las actividades de desmonte de cubierta.

Si bien es cierto que aún no se encuentra autorizada, ni programada la intervención de la cubierta, es de suma importancia realizar los desmontes indicados para evitar daños en los equipos por causa de la exposición a la intemperie como se muestra en las imágenes adjuntas:










Sin embargo, quedamos atentos a las indicaciones previo a cualquier maniobra.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 18 de noviembre del 2024. **INT-ICA-2024-021**

Arquitecto
VICTOR CAMILO CLAVIJO MORENO
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la Supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD CAMBIO DE RESIDENTE DE INTERVENTORÍA SEDE ICA MAGANGUÉ.

Cordial saludo, mediante la presente me permito solicitar un cambio en el equipo de trabajo de la interventoría, específicamente para el cargo de residente de interventoría en la sede de Magangué; toda vez que nuestro anterior profesional vinculado manifestó su intención de renunciar al cargo debido a una situación de fuerza mayor.

Teniendo en cuenta lo anterior, ponemos a su disposición la hoja de vida del nuevo profesional que ocupará el cargo en ese frente de trabajo, con todos los soportes requeridos.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 18 de noviembre del 2024. **INT-ICA-2024-022**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud de listado de personal

Cordial saludo,

La interventoría en cumplimiento de sus obligaciones realiza la revisión correspondiente a la documentación remitida para aprobación del diseño para el cerramiento del frente de Magangué; sin embargo, esta no pudo concluirse de manera satisfactoria, toda vez que no se evidencian las memorias y/o cálculos para verificar la fuerza horizontal que se diseñó el elemento, imposibilitando la verificación de estabilidad de este.

Quedamos atentos a su subsanación, en aras de realizar el pronto cierre del mismo.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 19 de noviembre del 2024. **INT-ICA-2024-023**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE PROGRAMAS HSEQ

Cordial saludo,

Por medio de la presente, me permito solicitar la entrega del plan de manejo ambiental y el programa de seguridad y salud en el trabajo, los cuales debieron remitirse dentro de los cinco días hábiles contados a partir de la firma del contrato tal como se establece en la documentación contractual así como en el anexo técnico 1, especificaciones técnicas en su numeral 3.1 OBLIGACIONES ADICIONALES DEL CONTRATISTA (…) *"el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabajo e informe de cubierta detallado."* (…)

Así lo expuesto, se requiere la entrega del Plan de Manejo Ambiental y de Seguridad y Salud en el Trabajo, los cuales deben estar direccionados de acuerdo a las actividades a ejecutar dentro del contrato en mención y teniendo presente que deberá aplicarlo durante toda la ejecución de la obra

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 19 de noviembre del 2024. **INT-ICA-2024-024**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE INFORMACION TECNICA

Cordial saludo,

Por medio de la presente, me permito solicitar la entrega levantamiento de la cubierta existente, con el fin de conocer la estructura actual y lograr determinar, junto con un informe y el conceto de si se requiere o no un reforzamiento para la instalación de la teja nueva. Además de lo anterior puntualmente nos permitimos citar de su anexo técnico que se debe cumplir con:

• El contratista deberá realizar un levantamiento de la cubierta existente, con el fin de conocer la estructura actual y lograr determinar, si se requiere o no un reforzamiento para la instalación de la teja nueva. Todo esto se deberá presentar en un informe.

• El contratista a partir del levantamiento de la estructura de la cubierta y el predimensionamiento estructural entregado por la entidad, deberá realizar los ajustes, actualizaciones y/o rediseño necesario para darle cumplimiento a las condiciones actuales del sitio y a la normativa vigente. El insumo producto de esta obligación debe estar aprobado por la interventoría.

Además de lo anterior, para la correcta atención del componente técnico estructural se debe atender desde la especialidad eléctrica lo siguiente:

• En caso de que se requiera alguna modificación en el diseño eléctrico de las redes presentado por la entidad, el contratista con su personal mínimo de trabajo deberá realizar las modificaciones, ajustes o rediseños necesarios para darle cumplimiento a las condiciones del sitio y la normativa vigente. El insumo producto de esta obligación debe estar aprobado por la interventoría.

• Cuando se vaya a realizar trabajos de obra en áreas donde existan líneas eléctricas, se debe informar con el fin de buscar el acompañamiento.

Finalmente, se le recuerda al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de*

desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.", por lo anterior, sírvase finalizar con las entregas que tiene pendientes de manera inmediata, más aun teniendo en cuenta que sus ejecuciones en dependen de la aprobación de varios de estos entregables.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 08 de noviembre del 2024. **INT-ICA-2024-025**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud cumplimiento de obligaciones contractuales.

Cordial saludo, por medio de la presente, me permito solicitar el cumplimiento de las obligaciones por parte del consorcio contratista de obra, específicamente los numerales 23, 25 y 26 de las obligaciones específicas del contratista, según se indica en el contrato de obra N° GGC-089-2024.

conjuntamente con la interventoría, actas de inicio, parciales y de recibo y liquidación final de obra. **23.** Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el **ANEXO No. 01 – ANEXO TÉCNICO.**

suscripción del acta de recibo. **25.** Asistir a los comités semanales, con el interventor y supervisor del contrato, que permita a las partes verificar el avance del contrato, el cumplimiento de las obligaciones a cargo del contratista o cualquier aspecto técnico, administrativo, financiero, contable y jurídico referente al mismo. Es obligación y responsabilidad del contratista la asistencia a estos comités de seguimiento con los profesionales aprobados de acuerdo con los temas a tratar, en el lugar y hora donde el contratante disponga. **26.** El Contratista se compromete a realizar una presentación en formato

en el lugar y hora donde el contratante disponga. **26.** El Contratista se compromete a realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto. **27.** Mantener reserva sobre la información que legalmente lo amerite y que

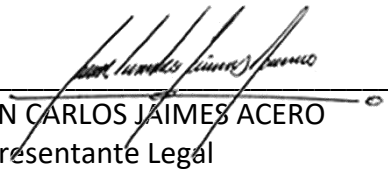
Lo anterior se solicita teniendo en cuenta lo evidenciado en el comité técnico de obra del día de hoy 19 de noviembre de 2024 en donde se requería la participación del profesional especialista estructural de obra, ya que el principal tema a tratar era la entrega y exposición del concepto estructural en ambas sedes.

Por otra parte, nos encontramos en la tercera semana de labores y hasta el momento no se han realizado las presentaciones en digital en los comités técnicos, en donde el contratista de obra exponga el progreso detallado de la obra a nivel técnico, financiero, administrativo, SST y ambiental, con el respectivo registro fotográfico actualizado.

Por último, se reitera la solicitud de remisión del informe técnico quincenal, según lo requerido por nosotros mediante el oficio INT-ICA-2024-018 allegado a ustedes el día 08 de noviembre del año en curso.

En aras de dar cumplimiento a las obligaciones contractuales y evitar sanciones, solicito sean atendidas de manera oportuna las disposiciones descritas previamente.

Cordialmente,



JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Cc Supervisión del Contrato

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 20 de noviembre del 2024. **INT-ICA-2024-026**

Arquitecto
VICTOR CAMILO CLAVIJO MORENO
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la Supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD APROBACIÓN CAMBIO DE RESIDENTE DE INTERVENTORÍA SEDE ICA MAGANGUÉ.

Cordial saludo, mediante la presente me permito solicitar la aprobación del cambio del especialista estructural que hace parte del equipo de trabajo de la interventoría; dado que a nuestro anterior profesional vinculado no le es posible continuar siendo parte del proyecto por razones personales.

Teniendo en cuenta lo anterior, ponemos a su disposición la hoja de vida del nuevo profesional que ocupará el cargo, con todos los soportes requeridos.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 20 de noviembre del 2024. **INT-ICA-2024-027**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: REQUERIMIENTOS CONTRACTUALES DEL AREA SST Y AMBIENTAL

Cordial saludo,

Teniendo en cuenta las obligaciones contractuales establecidas y los requerimientos necesarios para garantizar el cumplimiento de la normatividad legal vigente en materia de Seguridad y Salud en el trabajo y Medio ambiente, la interventoría solicita:

- PLAN DE MANEJO AMBIENTAL

Este documento debe contener las medidas y actividades necesarias para prevenir, mitigar, corregir o compensar los impactos y efectos ambientales generados por el desarrollo de las actividades del contrato en mención.

Así mismo, se sugiere considerar las actividades a implementar para el manejo de residuos de construcción y/o demolición, así como aquellos residuos que requieren un manejo y disposición especial. Además de esto, se deberá incluir el programa de manejo de materiales obtenidos, el cual debe cumplir con lo mencionado en el "CONTRATO CELEBRADO ENTRE EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA Y GESTIÓN RURAL Y URBANA S.A.S." CLÁUSULA OCTAVA – OBLIGACIONES DEL CONTRATISTA, literal B ESPECIFICAS, NUMERAL 9 "Responder por la obtención de todo lo relacionado con las fuentes de materiales de construcción necesarias para la ejecución de la obra contratada y la obtención legal y oportuna de todos los materiales y suministros que se requieran para la construcción de la obra (…)"

Es importante mencionar, que dichos programas deberán ser aplicados durante la ejecución de la obra y estarán sujetos a verificación y control por parte de la interventoría.

- SEGURIDAD Y SALUD EN EL TRABAJO

Por otra parte, considerando lo establecido en el ANEXO 1. ANEXO TÉCNICO: ESPECIFICACIONES TÉCNICAS, se requiere especial atención a los siguientes requerimientos:

a. Los empleados del contratista están obligados a utilizar indumentaria uniforme en las condiciones aprobadas por la interventoría.
b. El contratista deberá presentar al interventor el registro del nuevo personal a ingresar para los respectivos estudios de seguridad y posterior aprobación, para esto, es necesario entregar una relación de personal actualizado que cuente con su documentación de ingreso completa y vigente
c. El contratista, deberá mantener actualizada y a la vista el listado de personal, con su respectiva EPS, ARL y seguros colectivos de existir, con teléfono de contacto y de emergencia.

Así mismo, en dicho documento se menciona la siguiente solicitud que, a la fecha la interventoría no ha podido verificar:

"Una vez firmada el acta de inicio del contrato de obra, se deberá diligenciar y entregar a la interventoría y supervisión del contrato, los siguientes documentos, los cuales serán remitidos a la Oficina de Salud Ocupacional.

1. *Carta de compromiso de cumplimiento como contratistas"*

Por esto, se requiere la entrega inmediata de dicho documento.

Para el siguiente punto mencionado en la documentación contractual:

"2. Matriz de cumplimiento de requisitos en seguridad y salud en el trabajo para contratistas jurídicos, en el cual deberá presentar la siguiente información:

Trabajo en alturas:
Programa de Protección Contra caídas
Procedimiento para la atención y rescate en alturas
Certificado de formación o competencia laboral de las personas que realizaran trabajo en alturas.
Certificado del trabajador de trabajo en alturas
Certificado de calidad y registros de inspecciones de los equipos de protección contra caídas y de los sistemas de acceso a utilizar"

Se evidencia la entrega de la MATRIZ DE IDENTIFICACIÓN DE PELIGROS, EVALUACIÓN Y VALORACIÓN DE RIESGOS, la cual evalúa los riesgos asociados a las actividades a ejecutar para el presente proyecto, así mismo, cumple con la entrega del programa de protección contra caídas, con los PROCEDIMIENTOS OPERATIVOS NORMALIZADOS (PON) el cual incluye el procedimiento de atención y rescate en alturas.

Cabe mencionar que, durante el desarrollo de actividades, se evidenció la entrega de certificados de trabajador autorizado para alturas, sin embargo, se reitera que todo el personal que este programado para realizar labores criticas como lo es el trabajo en alturas, debe contar con el certificado de idoneidad vigente. Además de esto, se solicita la entrega de permisos diligenciados para trabajo en alturas, análisis de trabajo seguro de cada actividad y certificaciones e inspecciones de equipos y elementos utilizados para dichas actividades (andamios, arnés, eslingas, conectores, líneas de vida, frenos y demás que se usen en campo)

Por otra parte, se requiere realizar las actividades de obra teniendo en cuenta *"el procedimiento de ejecución"* establecido en el anexo técnico para cada ítem, los cuales incorporan las medidas de SEGURIDAD Y SALUD EN EL TRABAJO para el desarrollo del contrato.

Conjuntamente, se solicita la entrega de los soportes necesarios para dar cumplimiento a la siguiente obligación contractual, la cual se encuentra establecida en la CLÁUSULA OCTAVA – OBLIGACIONES DEL CONTRATISTA del "CONTRATO CELEBRADO ENTRE EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA Y GESTIÓN RURAL Y URBANA S.A.S." donde se dispone en su numeral 13. Lo siguiente: *"Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. (…). El cumplimiento de esta obligación deberá probarse ante al supervisor y/o interventor dentro de los tres (3) días hábiles siguientes contados a partir de la firma del acta de inicio. (…)*
El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda su vigencia en el porcentaje mínimo establecido en este numeral, so pena del incumplimiento contractual"

Para la acreditación de dicha obligación se debe aplicar lo dispuesto en el artículo 2.2.1.2.4.2.17 del Decreto 1082 de 2015.

Así lo expuesto, se solicita la atención a los puntos anteriormente mencionados.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 20 de noviembre del 2024. **INT-ICA-2024-028**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE INFORMACION

Cordial saludo,

Por medio de la presente, me permito solicitar en cumplimiento de nuestras obligaciones nos permitimos los pendientes que deben ser cerradas de manera inmediata, citando su anexo técnico y demás obligaciones que ha día de hoy ya deberían estar entregadas y aprobadas, para dar por cumplidas las mismas:

- *El cuadro de cuadrillas se realizará según tipo (albañilería, carpintería en madera, pinturas, etc.), señalando su conformación (oficiales, ayudantes, etc.). Se indicará el valor del salario, éste y sus componentes deben ajustarse a lo establecido por la ley, el resultado deberá expresarse en jornal (la remuneración de un día de trabajo) y será trasladado a la casilla de mano de obra en los APU. Las cuadrillas tipo a utilizar deben estar de acuerdo con la actividad a desarrollar para cada actividad. Solo se aceptará una cuadrilla por especialidad en cada APU, es decir no pueden existir 2 o más cuadrillas iguales en un mismo APU, pero si es posible que un APU necesite el empleo de varias cuadrillas de distinto género.*

- *Este documento fue entregado por el contratista de obra y avalado por la interventoría. Sin embargo, se evidencia una falencia en el inicio, dado que la fecha del cronograma esta a partir del 01 de noviembre, y el acta de inicio del contrato es del 02 de noviembre, se solicita ajustar.*

- *Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda*

- *Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO*

- *Efectuar la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).*

- *Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).*

- *La entidad no ha recibido el plan detallado de trabajo exigido en el Plan detallado de trabajo (numeral 4.1 del Anexo Técnico)*

Además, es obligación de presentar cada comité el siguiente producto:

El Contratista se compromete a realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto

Finalmente, se le recuerda al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.",* por lo anterior, se reitera que se debe finalizar con las entregas que tiene pendientes de manera inmediata, más aun teniendo en cuenta que el cumplimiento de sus obligaciones puede verse afectado, derivando en tramites alternos.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 21 de noviembre del 2024. **INT-ICA-2024-029**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Ejecución de actividades sin autorización de la interventoría.

Cordial saludo,

Por medio de la presente, nos permitimos comunicar, en cumplimiento de nuestras obligaciones, que en el frente de Magangué se están ejecutando actividades que aún no cuentan con el aval y/o aprobación por parte del equipo de interventoría, tal como quedó registrado en el libro de obra. Por lo anterior, se recuerda que dichas actividades se realizan bajo la responsabilidad y riesgo del contratista, considerando la posibilidad de que no sean recibidas.

Lo anterior se señala debido a los trabajos en curso relacionados con el figurado de acero para cerramiento. A pesar de que la interventoría solicitó no iniciar estas actividades hasta contar con la aprobación de la propuesta estructural, dichas labores se están desarrollando actualmente. Es importante destacar que la labor de la interventoría no es de carácter policivo. Asimismo, se recalca que dentro de las obligaciones contractuales se incluye la **Cláusula Décima Cuarta**, que podría hacerse efectiva ante la omisión de las órdenes emitidas por la interventoría. Por consiguiente, si se requiere alguna modificación en los trabajos realizados, estas ejecuciones podrían no ser recibidas o podrían aceptadas y pagadas conforme al despiece estructural finalmente aprobado.

Quedamos atentos a su respuesta.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
C.C. SUPERVISIÓN DEL CONTRATO

Bucaramanga, 21 de noviembre del 2024. **INT-ICA-2024-030**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE APORTES A SEGURIDAD SOCIAL DEL TRABAJADOR SANDY MANUEL FORTICH MADERA

Cordial saludo,

Por medio de la presente me permito solicitar la entrega inmediata de la planilla de aportes a seguridad social del trabajador SANDY MANUEL FORTICH MADERA quien desempeña el cargo de INGENIERO ELECTRICISTA el cual se encuentra vinculado por medio de la empresa VITAURBANA S.A.S.

Teniendo en cuenta las fechas establecidas de pagos a seguridad social y el documento de identificación de la empresa, esta debió ser pagada el día 19 de noviembre de 2024

Por otra parte, es importante mencionar y recodar que la empresa GESTIÓN RURAL Y URBANA S.A.S en calidad de contratista debe realizar sus aportes a seguridad social el día 26 de noviembre de 2024, esto con el objetivo de realizar un envió oportuno en las fechas establecidas.

Quedamos atentos a la entrega de dicha documentación.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 23 de noviembre del 2024. **INT-ICA-2024-031**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Requerimiento de la interventoría del CONTRATO N° GGC-089- 2024 por presunto incumplimiento para el contrato de la referencia

Respetado Ingeniero,

Dentro de la ejecución del contrato de Obra N° GGC-089- 2024 suscrito entre la **EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA y GESTIÓN RURAL Y URBANA S.A.S.,** que tiene como objeto **"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR",** por medio de la presente nos permitimos solicitarle el inicio de las acciones que aplican, de acuerdo con la información que se relacionan a continuación:

1. INFORMACIÓN GENERAL DEL CONTRATO

CONTRATO:	GGC-089-2024
OBJETO:	**"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"**
CONTRATISTA:	**GESTIÓN RURAL Y URBANA S.A.S.**
REPRESENTANTE LEGAL:	**GILDARDO CASTILLO SANCHEZ**
FECHA DE INICIO:	02 DE NOVIEMBRE DE 2024
FECHA DE TERMINACIÓN:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR:	MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
ALCANCE Y ACTIVIDADES ESPECIFICAS	El Contratista deberá desarrollar el objeto del Contrato de conformidad con las especificaciones y características técnicas señaladas en los Documentos del proceso de LICITACIÓN PÚBLICA No. GC- LP-064-2024, los cuales hacen parte integral del presente contrato. El Contratista se obliga para con la Entidad a ejecutar, a los

	precios cotizados en la propuesta y con sus propios medios: materiales, maquinaria, laboratorios, equipos y personal, en forma independiente y con plena autonomía técnica y administrativa, hasta su total terminación y aceptación final, las cantidades de obra que se detallan en su propuesta económica, conforme lo señaló en el FORMULARIO No. 01 – FORMULARIO DE PROPUESTA ECONÓMICA.

2. HECHOS O RAZONES QUE FUNDAMENTAN EL REQUERIMIENTO

La interventoría en cumplimiento de sus obligaciones y de acuerdo con las exigencias del Contrato de obra N° GGC-089- 2024, se permite informar acerca del posible incumplimiento de sus obligaciones correspondientes al contrato en mención, toda vez que se tienen pendientes que deben ser cerrados de manera inmediata. Por lo anterior, citamos su anexo técnico y demás obligaciones que a hoy ya deberían estar entregadas y aprobadas, para dar por cumplidas las mismas, pero a la fecha continúan pendientes:

- No se ha remitido el cuadro de cuadrillas que debe cumplir con *"realizará según tipo (albañilería, carpintería en madera, pinturas, etc.), señalando su conformación (oficiales, ayudantes, etc.). Se indicará el valor del salario, éste y sus componentes deben ajustarse a lo establecido por la ley, el resultado deberá expresarse en jornal (la remuneración de un día de trabajo) y será trasladado a la casilla de mano de obra en los APU. Las cuadrillas tipo a utilizar deben estar de acuerdo con la actividad a desarrollar para cada actividad. Solo se aceptará una cuadrilla por especialidad en cada APU, es decir no pueden existir 2 o más cuadrillas iguales en un mismo APU, pero si es posible que un APU necesite el empleo de varias cuadrillas de distinto género."*

- La programación fue entregada por el contratista de obra y avalado por la interventoría. Sin embargo, se evidencia que el inicio del cronograma está a partir del 01 de noviembre, y el acta de inicio del contrato es del 02 de noviembre, se solicita ajustar.

- No se han remitido los documentos que permitan verificar que se destinó *para la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda*

- No se han remitido al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO

- No se han remitido los documentos que permitan verificar que se realizó *la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).*

- No se han remitido los documentos *de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).*

- No se ha *recibido el plan detallado de trabajo exigido en el Plan detallado de trabajo (numeral 4.1 del Anexo Técnico)*

- Además, es obligación de presentar cada comité el siguiente producto *"realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto"* y a la fecha en los dos comités técnicos semanales, no se ha realizado.

3. DOCUMENTOS Y SOPORTES

A continuación, se relacionan las evidencias que sustentan el posible incumplimiento en el que ha incurrido el contratista en orden cronológico. Se adjunta dicha evidencia en el Anexo 1:

FECHA	CONSECUTIVO	ASUNTO
6-nov-24	INT-ICA-2024-016	Solicitud de listado de personal
8-nov-24	INT-ICA-2024-018	Solicitud remisión Informe Quincenal.
18-nov-24	INT-ICA-2024-022	Solicitud de listado de personal
19-nov-24	INT-ICA-2024-023	Solicitud entrega de programas HSEQ
19-nov-24	INT-ICA-2024-024	Solicitud entrega información técnica
19-nov-24	INT-ICA-2024-025	Solicitud cumplimiento de obligaciones contractuales
20-nov-24	INT-ICA-2024-027	Requerimientos contractuales del area SST y ambiental
20-nov-24	INT-ICA-2024-028	Slicitud entrega de innformación
21-nov-24	INT-ICA-2024-029	Ejecución de actividades sin autorización de la interventoría.

4. POSIBLE TASACIÓN DE APREMIO FASE

De acuerdo con su ***CLAUSULA DECIMA CUARTA. - MULTAS:*** *El ICA tendrá la facultad de imponer multas en caso de incumplimiento de las obligaciones a cargo del CONTRATISTA de conformidad con lo dispuesto por el Artículo 17° de la Ley 1150 de 2007, el Artículo 86° de la Ley 1474 de 2011 (Estatuto Anticorrupción) y el Artículo 2.2.1.2.3.1.19 del Decreto 1082 de 2015, Ley 1882 de 2018,* por lo tanto, de no remitir de manera inmediata lo solicitado en el debido estado para ser recibido a satisfacción, fundamentado en:

CAUSALES:

3. Si el Contratista no entrega la información completa que le solicite el interventor, que se relacione con el objeto del contrato, dentro de los plazos y en los términos de cada requerimiento, se causará una multa equivalente al 0,2% del valor del contrato. Estas multas se causarán sucesivamente por cada día de atraso, hasta cuando el Contratista demuestre que corrija el incumplimiento respectivo a satisfacción del interventor.

7. Por incumplir el ofrecimiento otorgado en cuanto al factor calidad, al Contratista se le impondrá una multa equivalente al 0,5% del valor del contrato, por cada día calendario de atraso en el cumplimiento de dicha obligación.

Causal	Porcentaje	$ 1.142.512.709,00	Dias de atraso	Valor total
3. Si el Contratista no entrega la información completa que le solicite el interventor *(…)*	0,2%	$ 2.285.025,42	4,00	$ 9.140.101,67
Comentarios Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO				
7. Por incumplir el ofrecimiento otorgado *(…)*	0,5%	$ 5.712.563,55	12,00	$ 68.550.762,54
Comentarios Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).				
			TOTAL	**$ 77.690.864,21**

Si bien la tasación está señalada en el cuadro anterior, esta no puede superar la suma de $ 57.125.635,45

5. CONCEPTO DE INTERVENTORÍA POSIBLE APREMIO

Teniendo en cuenta lo señalado líneas atrás, se le indica al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.",* además que a la fecha no tiene acumulado varios de los compromiso de comité sin entender dentro de los plazos dados para el cierre. Por lo anterior, se reitera que se debe finalizar con las entregas que tiene pendientes de manera inmediata, más aún, teniendo en cuenta que el cumplimiento de sus obligaciones puede verse afectado, por POSIBLE **TASACIÓN DE APREMIO FASE1,** del numeral anterior.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
CC Supervisión
Anexos:DIECISÉIS (016) FOLIOS

ANEXO 01

Bucaramanga, 06 de noviembre del 2024. **INT-ICA-2024-016**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud de listado de personal

Cordial saludo,

La interventoría en cumplimiento de sus obligaciones realiza la revisión correspondiente a la documentación remitida para el ingreso de personal, así mismo, se aplicaron los lineamientos establecidos por la supervisión para TODO EL PERSONAL vinculado al proyecto donde se generaron las siguientes observaciones:

FRENTE DE TRABAJO: CARMEN DE BOLIVAR

1. ALBERTO CARLOS CASTILLO CONTRERAS:

Se requiere el examen periódico ocupacional, dado que el soporte remitido tiene fecha de realización del mes de octubre de 2023, además se debe tener en cuenta que el trabajador está expuesto a un riesgo laboral V.

2. IVAN JOE CARRASCAL MANJARRES

Se requiere el examen periódico ocupacional, dado que el soporte remitido tiene fecha de realización del mes de octubre de 2023, además se debe tener en cuenta que el trabajador está expuesto a un riesgo laboral V.

3. OSCAR CASTRO CONTRERAS

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

4. MAIRA ANDREA ROMANI SIMANCA

No se evidencia el soporte de examen ocupacional de ingreso

5. MARISOL OSORIO TORRES

No se presenta ningún soporte

FRENTE DE TRABAJO: MAGANGUE

1. AQUILIO OLEA MARTINEZ

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

2. JORGE SIERRA FALCO

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

3. KAREN ARIAS GUERRA

No se evidencia el soporte de examen ocupacional de ingreso

4. WILLIAM SIERRA FRANCO

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

5. NILSON VILLALBA FLOREZ

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

Teniendo en cuenta lo anterior, la interventoría relaciona a continuación quien se encuentra autorizado y quien no para ingreso e inicio de actividades en obra:

N°	NOMBRES	APELLIDOS	IDENTIFICACION	CARGO	ARL	EPS	AFP	C ALTURAS	AUTORIZADO
CARMEN DE BOLIVAR									
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179									
1	ALBERTO CARLOS	CASTILLO CONTRERAS	1017124408		POSITIVA	SALUD TOTAL	PROTECCION	NA	SI
2	IVAN JOSE	CARRASCAL MANJARRES	1100622765		POSITIVA	CAJACOPI	PORVENIR	NA	SI
3	OSCAR	CASTRO CONTRERAS	92529978		POSITIVA	COOSALUD	NO PRESENTA	NA	NO
4	MAIRA ANDREA	ROMANI SIMANCA	1143395496		POSITIVA	FAMILIAR DE COLOMBIA	COLFONDOS	NA	SI
5	MARISOL	OSORIO TORRES	1052082724		NO PRESENTA	NO PRESENTA	NO PRESENTA	NA	NO
MAGANGUE									
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179									
1	AQUILIO	OLEA MARTINEZ	11058425		POSITIVA	FAMILIAR DE COLOMBIA	NO PRESENTA	NA	NO
2	JORGE RAMON	SIERRA FALCO	92258930		POSITIVA	MUTUALSER	NO PRESENTA	NA	NO
3	KAREN ANDREA	ARIAS GUERRA	1102857350		POSITIVA	COOSALUD	PORVENIR	NA	SI
4	WILLIAM RAFAEL	SIERRA FALCO	92260059		POSITIVA	NUEVA EPS	NO PRESENTA	NA	NO
5	NILSON RAFAEL	VILLALBA FLOREZ	1100696400		POSITIVA	NUEVA EPS	NO PRESENTA	NA	NO

Por otra parte, se requiere relacionar el cargo que ocupa cada trabajador para continuar con el respectivo seguimiento.

Además de lo anterior, no se recibió documentación para los profesionales que vamos a relacionar a continuación y que deben ser remitidos de manera inmediata, junto con la subsanación relacionada líneas atrás:

CARGO	NOMBRE DEL PROFESIONAL	N° TARJETA PROFESIONAL	PROFESION
Director de Obra	Javier Felipe Castillo Gutierrez	25202-357196 CND	Ingeniero Civil
Ingeniero Electricista	Sandy Manuel Fortich Madera	AN205-100699	Ingeniero Electricista
Ingeniero Estructural	Climaco Andres Hernandez Montes	22202-201945 COR	Ingeniero Civil
Inspector SISOMA	Loraines María Barrios Campo	Resolución N° 765	Profesional en Salud Ocupacional

Finalmente, cabe mencionar que no se evidencia personal afiliado a la empresa GESTION RURAL Y URBANA SAS, quien contractualmente es quien deberá ejecutar el contrato en mención, por lo tanto, se le recuerda la *"CLAUSULA DECIMA SEGUNDA. - RESPONSABILIDAD: El Contratista es responsable por el cumplimiento de las obligaciones pactadas en el contrato. Además, responderá por los daños generados a la Entidad en la ejecución del contrato, causados por sus Contratistas o empleados, y de sus subcontratistas"* y que el plazo de subsanación es perentorio para autorizar trabajos en sus respectivos frentes.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 08 de noviembre del 2024. **INT-ICA-2024-018**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

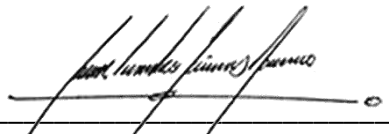
ASUNTO: Solicitud remisión Informe Quincenal.

Cordial saludo, por medio de la presente, me permito solicitar la remisión del informe técnico quincenal de obra, con el fin de verificar el avance de las actividades durante la primera semana de labores y dar cumplimiento al numeral 23 de las obligaciones específicas del contratista de obra (posteriormente se deberá remitir un informe cada quince días).

Este informe deberá contener la siguiente información:
• Encabezado de la semana: Fecha, número de informe, Periodo.
• Datos contractuales: Contratista, No. Contrato, Objeto, Valor inicial, Valor actualizado, Fecha de Inicio, Fecha de Vencimiento, Prorrogas (detallas todas las prórrogas del contrato), Suspensiones, Interventor.
• Control de Programación: porcentaje de obra programado, porcentaje de obra ejecutado, porcentaje acumulado de obra tanto del programado como el ejecutado.
• Control presupuesto: valor de obra programado, valor de obra ejecutado, valor de obra acumulado tanto del programado como del ejecutado.
• Actividades realizadas en la semana.
• Resumen Ejecutivo del contrato.
• Personal y equipo en obra.
• Registro fotográfico del antes y el después.
• Gestión de los tramites contractuales.

Se solicita la entrega del primer informe quincenal con corte al día martes 12 de noviembre de 2024.

Cordialmente,



JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Cc Supervisión del Contrato

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 18 de noviembre del 2024. **INT-ICA-2024-022**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud de listado de personal

Cordial saludo,

La interventoría en cumplimiento de sus obligaciones realiza la revisión correspondiente a la documentación remitida para aprobación del diseño para el cerramiento del frente de Magangué; sin embargo, esta no pudo concluirse de manera satisfactoria, toda vez que no se evidencian las memorias y/o cálculos para verificar la fuerza horizontal que se diseñó el elemento, imposibilitando la verificación de estabilidad de este.

Quedamos atentos a su subsanación, en aras de realizar el pronto cierre del mismo.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 19 de noviembre del 2024. **INT-ICA-2024-023**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE PROGRAMAS HSEQ

Cordial saludo,

Por medio de la presente, me permito solicitar la entrega del plan de manejo ambiental y el programa de seguridad y salud en el trabajo, los cuales debieron remitirse dentro de los cinco días hábiles contados a partir de la firma del contrato tal como se establece en la documentación contractual así como en el anexo técnico 1, especificaciones técnicas en su numeral 3.1 OBLIGACIONES ADICIONALES DEL CONTRATISTA (…) *"el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabajo e informe de cubierta detallado."* (…)

Así lo expuesto, se requiere la entrega del Plan de Manejo Ambiental y de Seguridad y Salud en el Trabajo, los cuales deben estar direccionados de acuerdo a las actividades a ejecutar dentro del contrato en mención y teniendo presente que deberá aplicarlo durante toda la ejecución de la obra

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 19 de noviembre del 2024. **INT-ICA-2024-024**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE INFORMACION TECNICA

Cordial saludo,

Por medio de la presente, me permito solicitar la entrega levantamiento de la cubierta existente, con el fin de conocer la estructura actual y lograr determinar, junto con un informe y el conceto de si se requiere o no un reforzamiento para la instalación de la teja nueva. Además de lo anterior puntualmente nos permitimos citar de su anexo técnico que se debe cumplir con:

• El contratista deberá realizar un levantamiento de la cubierta existente, con el fin de conocer la estructura actual y lograr determinar, si se requiere o no un reforzamiento para la instalación de la teja nueva. Todo esto se deberá presentar en un informe.

• El contratista a partir del levantamiento de la estructura de la cubierta y el predimensionamiento estructural entregado por la entidad, deberá realizar los ajustes, actualizaciones y/o rediseño necesario para darle cumplimiento a las condiciones actuales del sitio y a la normativa vigente. El insumo producto de esta obligación debe estar aprobado por la interventoría.

Además de lo anterior, para la correcta atención del componente técnico estructural se debe atender desde la especialidad eléctrica lo siguiente:

• En caso de que se requiera alguna modificación en el diseño eléctrico de las redes presentado por la entidad, el contratista con su personal mínimo de trabajo deberá realizar las modificaciones, ajustes o rediseños necesarios para darle cumplimiento a las condiciones del sitio y la normativa vigente. El insumo producto de esta obligación debe estar aprobado por la interventoría.

• Cuando se vaya a realizar trabajos de obra en áreas donde existan líneas eléctricas, se debe informar con el fin de buscar el acompañamiento.

Finalmente, se le recuerda al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de*

desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.", por lo anterior, sírvase finalizar con las entregas que tiene pendientes de manera inmediata, más aun teniendo en cuenta que sus ejecuciones en dependen de la aprobación de varios de estos entregables.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 08 de noviembre del 2024. **INT-ICA-2024-025**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud cumplimiento de obligaciones contractuales.

Cordial saludo, por medio de la presente, me permito solicitar el cumplimiento de las obligaciones por parte del consorcio contratista de obra, específicamente los numerales 23, 25 y 26 de las obligaciones específicas del contratista, según se indica en el contrato de obra N° GGC-089-2024.

conjuntamente con la interventoría, actas de inicio, parciales y de recibo y liquidación final de obra. **23.** Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el **ANEXO No. 01 – ANEXO TÉCNICO.**

suscripción del acta de recibo. **25.** Asistir a los comités semanales, con el interventor y supervisor del contrato, que permita a las partes verificar el avance del contrato, el cumplimiento de las obligaciones a cargo del contratista o cualquier aspecto técnico, administrativo, financiero, contable y jurídico referente al mismo. Es obligación y responsabilidad del contratista la asistencia a estos comités de seguimiento con los profesionales aprobados de acuerdo con los temas a tratar, en el lugar y hora donde el contratante disponga. **26.** El Contratista se compromete a realizar una presentación en formato

en el lugar y hora donde el contratante disponga. **26.** El Contratista se compromete a realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto. **27.** Mantener reserva sobre la información que legalmente lo amerite y que

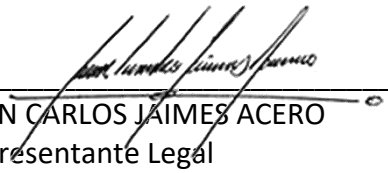
Lo anterior se solicita teniendo en cuenta lo evidenciado en el comité técnico de obra del día de hoy 19 de noviembre de 2024 en donde se requería la participación del profesional especialista estructural de obra, ya que el principal tema a tratar era la entrega y exposición del concepto estructural en ambas sedes.

Por otra parte, nos encontramos en la tercera semana de labores y hasta el momento no se han realizado las presentaciones en digital en los comités técnicos, en donde el contratista de obra exponga el progreso detallado de la obra a nivel técnico, financiero, administrativo, SST y ambiental, con el respectivo registro fotográfico actualizado.

Por último, se reitera la solicitud de remisión del informe técnico quincenal, según lo requerido por nosotros mediante el oficio INT-ICA-2024-018 allegado a ustedes el día 08 de noviembre del año en curso.

En aras de dar cumplimiento a las obligaciones contractuales y evitar sanciones, solicito sean atendidas de manera oportuna las disposiciones descritas previamente.

Cordialmente,



JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Cc Supervisión del Contrato

Bucaramanga, 20 de noviembre del 2024. **INT-ICA-2024-027**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: REQUERIMIENTOS CONTRACTUALES DEL AREA SST Y AMBIENTAL

Cordial saludo,

Teniendo en cuenta las obligaciones contractuales establecidas y los requerimientos necesarios para garantizar el cumplimiento de la normatividad legal vigente en materia de Seguridad y Salud en el trabajo y Medio ambiente, la interventoría solicita:

- PLAN DE MANEJO AMBIENTAL

Este documento debe contener las medidas y actividades necesarias para prevenir, mitigar, corregir o compensar los impactos y efectos ambientales generados por el desarrollo de las actividades del contrato en mención.

Así mismo, se sugiere considerar las actividades a implementar para el manejo de residuos de construcción y/o demolición, así como aquellos residuos que requieren un manejo y disposición especial. Además de esto, se deberá incluir el programa de manejo de materiales obtenidos, el cual debe cumplir con lo mencionado en el "CONTRATO CELEBRADO ENTRE EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA Y GESTIÓN RURAL Y URBANA S.A.S." CLÁUSULA OCTAVA – OBLIGACIONES DEL CONTRATISTA, literal B ESPECIFICAS, NUMERAL 9 "Responder por la obtención de todo lo relacionado con las fuentes de materiales de construcción necesarias para la ejecución de la obra contratada y la obtención legal y oportuna de todos los materiales y suministros que se requieran para la construcción de la obra (…)"

Es importante mencionar, que dichos programas deberán ser aplicados durante la ejecución de la obra y estarán sujetos a verificación y control por parte de la interventoría.

- SEGURIDAD Y SALUD EN EL TRABAJO

Por otra parte, considerando lo establecido en el ANEXO 1. ANEXO TÉCNICO: ESPECIFICACIONES TÉCNICAS, se requiere especial atención a los siguientes requerimientos:

a. Los empleados del contratista están obligados a utilizar indumentaria uniforme en las condiciones aprobadas por la interventoría.
b. El contratista deberá presentar al interventor el registro del nuevo personal a ingresar para los respectivos estudios de seguridad y posterior aprobación, para esto, es necesario entregar una relación de personal actualizado que cuente con su documentación de ingreso completa y vigente
c. El contratista, deberá mantener actualizada y a la vista el listado de personal, con su respectiva EPS, ARL y seguros colectivos de existir, con teléfono de contacto y de emergencia.

Así mismo, en dicho documento se menciona la siguiente solicitud que, a la fecha la interventoría no ha podido verificar:

"Una vez firmada el acta de inicio del contrato de obra, se deberá diligenciar y entregar a la interventoría y supervisión del contrato, los siguientes documentos, los cuales serán remitidos a la Oficina de Salud Ocupacional.

1. *Carta de compromiso de cumplimiento como contratistas"*

Por esto, se requiere la entrega inmediata de dicho documento.

Para el siguiente punto mencionado en la documentación contractual:

"2. Matriz de cumplimiento de requisitos en seguridad y salud en el trabajo para contratistas jurídicos, en el cual deberá presentar la siguiente información:

Trabajo en alturas:
Programa de Protección Contra caídas
Procedimiento para la atención y rescate en alturas
Certificado de formación o competencia laboral de las personas que realizaran trabajo en alturas.
Certificado del trabajador de trabajo en alturas
Certificado de calidad y registros de inspecciones de los equipos de protección contra caídas y de los sistemas de acceso a utilizar"

Se evidencia la entrega de la MATRIZ DE IDENTIFICACIÓN DE PELIGROS, EVALUACIÓN Y VALORACIÓN DE RIESGOS, la cual evalúa los riesgos asociados a las actividades a ejecutar para el presente proyecto, así mismo, cumple con la entrega del programa de protección contra caídas, con los PROCEDIMIENTOS OPERATIVOS NORMALIZADOS (PON) el cual incluye el procedimiento de atención y rescate en alturas.

Cabe mencionar que, durante el desarrollo de actividades, se evidenció la entrega de certificados de trabajador autorizado para alturas, sin embargo, se reitera que todo el personal que este programado para realizar labores criticas como lo es el trabajo en alturas, debe contar con el certificado de idoneidad vigente. Además de esto, se solicita la entrega de permisos diligenciados para trabajo en alturas, análisis de trabajo seguro de cada actividad y certificaciones e inspecciones de equipos y elementos utilizados para dichas actividades (andamios, arnés, eslingas, conectores, líneas de vida, frenos y demás que se usen en campo)

Por otra parte, se requiere realizar las actividades de obra teniendo en cuenta *"el procedimiento de ejecución"* establecido en el anexo técnico para cada ítem, los cuales incorporan las medidas de SEGURIDAD Y SALUD EN EL TRABAJO para el desarrollo del contrato.

Conjuntamente, se solicita la entrega de los soportes necesarios para dar cumplimiento a la siguiente obligación contractual, la cual se encuentra establecida en la CLÁUSULA OCTAVA – OBLIGACIONES DEL CONTRATISTA del "CONTRATO CELEBRADO ENTRE EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA Y GESTIÓN RURAL Y URBANA S.A.S." donde se dispone en su numeral 13. Lo siguiente: *"Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. (…). El cumplimiento de esta obligación deberá probarse ante al supervisor y/o interventor dentro de los tres (3) días hábiles siguientes contados a partir de la firma del acta de inicio. (…)*
El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda su vigencia en el porcentaje mínimo establecido en este numeral, so pena del incumplimiento contractual"

Para la acreditación de dicha obligación se debe aplicar lo dispuesto en el artículo 2.2.1.2.4.2.17 del Decreto 1082 de 2015.

Así lo expuesto, se solicita la atención a los puntos anteriormente mencionados.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 20 de noviembre del 2024. **INT-ICA-2024-028**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE INFORMACION

Cordial saludo,

Por medio de la presente, me permito solicitar en cumplimiento de nuestras obligaciones nos permitimos los pendientes que deben ser cerradas de manera inmediata, citando su anexo técnico y demás obligaciones que ha día de hoy ya deberían estar entregadas y aprobadas, para dar por cumplidas las mismas:

- *El cuadro de cuadrillas se realizará según tipo (albañilería, carpintería en madera, pinturas, etc.), señalando su conformación (oficiales, ayudantes, etc.). Se indicará el valor del salario, éste y sus componentes deben ajustarse a lo establecido por la ley, el resultado deberá expresarse en jornal (la remuneración de un día de trabajo) y será trasladado a la casilla de mano de obra en los APU. Las cuadrillas tipo a utilizar deben estar de acuerdo con la actividad a desarrollar para cada actividad. Solo se aceptará una cuadrilla por especialidad en cada APU, es decir no pueden existir 2 o más cuadrillas iguales en un mismo APU, pero si es posible que un APU necesite el empleo de varias cuadrillas de distinto género.*

- *Este documento fue entregado por el contratista de obra y avalado por la interventoría. Sin embargo, se evidencia una falencia en el inicio, dado que la fecha del cronograma esta a partir del 01 de noviembre, y el acta de inicio del contrato es del 02 de noviembre, se solicita ajustar.*

- *Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda*

- *Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO*

- *Efectuar la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).*

- *Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).*

- *La entidad no ha recibido el plan detallado de trabajo exigido en el Plan detallado de trabajo (numeral 4.1 del Anexo Técnico)*

Además, es obligación de presentar cada comité el siguiente producto:

El Contratista se compromete a realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto

Finalmente, se le recuerda al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.",* por lo anterior, se reitera que se debe finalizar con las entregas que tiene pendientes de manera inmediata, más aun teniendo en cuenta que el cumplimiento de sus obligaciones puede verse afectado, derivando en tramites alternos.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 25 de noviembre del 2024. **INT-ICA-2024-032**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Respuesta oficio GRU-GGC-089-2024-13-24 ESTRUCTURA METALICA.

Respetado Ingeniero,

En alcance a su comunicado y en cumplimiento de nuestras obligaciones, nos permitimos remitir adjunto informe resultado de, para ajuste y subsanación de la propuesta enviada para las actividades de la sede de EL Carmen y Magangué de su contrato relacionado en el asunto.

Por lo anterior, y teniendo en cuenta los avances que ha presentado en obra, se le requiere la remisión de un plan de contingencia, que le permita mitigar los porcentajes de atraso que se vienen presentando en sus frentes.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
CC Supervisión
Anexos: Dos (02) folios
CC: Supervisión

CARLOS MAURICIO TORRES TORRES
INGENIERO CIVIL UIS
ESPECIALISTA EN ESTRUCTURAS UIS
MAGISTER EN INGENEIRIA CIVIL UIS
MAGISTER EN INGENEIRIA ESTRUCTURAL UIS

BUCARAMANGA 24 DE NOVIEMBRE DE 2024

Arquitecta:
Liliana Quiroga Sepúlveda

REF: INFORME INTERVENTORIA ASESORIA ESTRUCTURAL ICA MAGANGUE Y CARMEN DE BOLIVAR A CONTRATO "CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"."

Cordial saludo

Teniendo en cuenta los informes recibidos de parte del INGENIERO ESTRUCTURAL **GILDARDO CASTILLO SÁNCHEZ**, Se hacen los siguientes comentarios:

CUBIERTAS
Informe
Modelación, análisis y obtención de las relaciones demanda capacidad de las cerchas seleccionadas. (Carmen de Bolívar y Magangué)

1. No se tienen comentarios del especialista en su documentación, profesional aprobado.
2. Corregir numeración en contenido.
3. Presentar memorias de calculo por separado, Magangué y Carmen de Bolívar.
4. SEN 3.1.1 Se menciona resistencia del acero fy=2500 kg/cm2 para mallas electrosoldadas, en que parte del proyecto se instalan mallas electrosoldadas. No se menciona resistencia de los otros perfiles y barras. ¿Se menciona solo acero A-36, los PTE NO SON GRADO 50?
5. En 3.3 se menciona que se estimo los pesos de los muros de cada panel de losa de cada piso del edificio, a cual edificio se refiere, para que se calculan los pesos de las losas?
6. No es clara la forma como se totaliza las cargas, muertas(evaluarlas), vivas (referenciar de NSR-10 de acuerdo a la pendiente), de igual manera como se determino de acuerdo a al NSR-10 las cargas de viento, método, etc
7. Se debe hacer un cuadro en Excel que evalué comportamiento a tensión y compresión de los elementos de las cerchas acorde a NSR-10 TITULO f.2.
8. Se debe reflejar en planos el levantamiento estructural de la cubierta e indicar todas las características geométricas y caracterización de lo materiales firmado por consultor estructural de contratista, estos planos indican si requiere reforzamiento o no d el a cubierta y las actividades que deban realizar para su trabajo optimo como estructura nueva.

Informe
FUERAZ DE VIENTO

Circunvalar 35 No 92-170 Torre 6 Apto 1824 Conjunto residencial Germania Barrio El tejar
Email: carlostorres720420@yahoo.es Cel 3143827364

1. La evaluación de fuerza de viento se debe hacer según NSR-10 solo para la cubierta, el programa corpasof es una herramienta computacional, una caja negra, se debe presentar el procedimiento de cálculo de las fuerzas de viento.

MURO CERRAMIENTO, Informe, Elaboración de detalle de muro de cerramiento para la sede de Magangué-Bolívar. RESPUESTA RADICADO, REESPUESTA OFICIO INT-ICA 2024 022

teniendo en cuenta que la estructura corresponde a una estructura sismo resistente, debe acatar todo lo concerniente a NSR-10, sin embargo, por ser una estructura que no implica modos de vibración por no tener masa en la parte superior, se recomienda hacer solo un análisis de estabilidad ante una carga perpendicular real aplicada al muro incluida su masa y cumplir con las especificaciones mínimas que da NSR-10 para la ciudad de ubicación del muro acorde Carmen de Bolívar y Magangué (intermedia DMO)

- en los planos la zapata en cota indica 1.2m en comentario 100x100x30
- en el detalle de alfajía no presenta detalle de gotero.
- En planos marcar nivel cero.
- Hacer análisis de estabilidad al tubo de 2 pulgadas.
- Revisar en viga 30x40 diseño a torsión presentar memorias.
- Donde se ubica la platina presentada en planos. Presentar diseño de placa de base.
- Para lograr la resistencia del concreto indicado, se debe presentar diseño de mezclas por laboratorio certificado y hacer contr9ol en obra acorde a este diseño.

ACTA DE REVISIÓN No. 4 CONTRATO No. GGC-089-2024 PROYECTO BOLÍVAR

Sin otro particular
Atte.



Carlos Mauricio Torres Torres
MP 6820275804STD
Ingeniero Civil UIS
Especialista en Estructuras UIS
Magister en Ingeniería Civil (Área Estructuras) UIS
Magister en Ingeniería Estructural UIS

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 25 de noviembre del 2024. **INT-ICA-2024-033**

Arquitecto
VICTOR CAMILO CLAVIJO MORENO
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Respuesta a oficio **20242126793**

Cordial saludo, mediante la presente me permito dar respuesta y alcance al comunicado relacionado en el asunto, recibido por parte de la entidad para recibir atención puntual de las siguientes observaciones:

OBLIGACIÓN	RESPUESTA DE LA INTERVENTORIA
Presentar al interventor del contrato dentro en un término máximo de cinco (5) días hábiles, contados a partir de la suscripción del contrato y previo a la suscripción del acta de inicio, el Análisis de Precios Unitarios (APU), en el cual se deberá discriminar como mínimo la cantidad y costo de materiales con su respectivo desperdicio, herramientas, equipos, mano de obra y transporte de materiales en general, requeridos para el desarrollo de cada una de las actividades que conforman el cuadro de presupuesto, los cuales deben cumplir con lo siguiente: i). Materiales y desperdicio: Los necesarios (especificar); ii). Herramientas y equipo: Los necesarios (especificar); iii). Mano de Obra: Cuadrilla o cuadrillas requeridas.	Como señala la supervisión se dio un plazo adicional al ejecutor para entregar el cuadro de cuadrillas, sin embargo, a fecha de elaboración del presente comunicado no se ha recibido el producto señalado pese a las solicitudes de la interventoría. Compromiso no cumplido.
Presentar cronograma detallado de obra a realizar por capítulos, a partir de los planos, documentos técnicos, las condiciones del sitio, utilizando una aplicación software tipo Project o similar en un diagrama de barra, discriminando en semanas, con el plazo máximo de ejecución establecido por la entidad y dentro de los	A fecha de elaboración del presente comunicado no se ha recibido el producto

parámetros propuestos; deberá incluir: la secuencia y duración de cada una de las actividades, indicadas en el formato de cantidades de la propuesta económica, ruta crítica, programación de los trabajos que incluya todas las actividades (capítulos, subcapítulos y los ítems en su totalidad) y programa detallado de personal por actividades. El cronograma de obra se entregará al interventor dentro en un término máximo de cinco (5) días hábiles, contados a partir de la suscripción del contrato previa suscripción del acta de inicio, para que posteriormente sea entregado y aprobado por parte de la interventoría.	señalado pese a las solicitudes de la interventoría. Compromiso no cumplido.
Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda su vigencia en el porcentaje mínimo establecido en este numeral, so pena del incumplimiento contractual. El Supervisor hará el seguimiento y verificará que las personas vinculadas al inicio y durante la ejecución del contrato pertenezcan a los grupos poblacionales enunciados anteriormente. Para estos efectos, el contratista presentará la documentación respectiva que acredite la condición de los sujetos mencionados y la forma en la que participarán durante la ejecución del contrato. El cumplimiento de esta obligación deberá probarse ante al supervisor y/o interventor dentro de los tres (3) días hábiles siguientes contados a partir de la firma del acta de inicio. Para la acreditación de la condición de mujer cabeza de familia, personas en condición de discapacidad, adultos mayores, población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, personas en proceso de reintegración o reincorporación, se aplicará en lo pertinente lo dispuesto en el artículo 2.2.1.2.4.2.17 del Decreto 1082 de 2015 o la norma que lo modifique, complemente o sustituya. Por su parte, la condición de población en pobreza extrema se constatará en las bases de datos del Sistema de Identificación de Potenciales Beneficiarios de Programas Sociales (Sisbén IV) y la condición de víctima de conflicto armado y de desplazados por	A fecha de elaboración del presente comunicado no se ha recibido el producto señalado pese a las solicitudes de la interventoría y según. Compromiso no cumplido.

la violencia deberá demostrarse con el certificado de inclusión en el Registro Único de Víctimas – RUV, en los términos del Decreto 1084 de 2015 o la norma que lo modifique, complemente o sustituya. La condición de los sujetos de especial protección constitucional que no se encuentre definida en esta cláusula deberá ser acreditada por el contratista de conformidad con lo determinado por la ley y la jurisprudencia en ausencia de norma aplicable.	
Presentar informe de cubierta donde se muestre el levantamiento actual de la estructura y se identifique si es necesario o no realizar un reforzamiento estructural. Este informe se deberá entregar al interventor dentro en un término máximo de cinco (5) días hábiles contados a partir de la suscripción del acta de inicio. El informe deberá cumplir con los requisitos exigidos en el ANEXO No. 01 – ANEXO TÉCNICO.	El contratista a la fecha de elaboración del presente comunicado no tiene pendientes para este tema y dicho informe se encuentra en revisión de interventoría.
Presentar al interventor del contrato el listado del personal que laborará en el proyecto, la cual deberá contener: Nombre, cedula de ciudadanía, cargo; también debe aportar las certificaciones de afiliación y de pago mes a mes de la seguridad social y durante el periodo del contrato (Pensión, EPS y ARL). Toda persona que labore dentro del proyecto debe estar vinculada a la empresa	El contratista a la fecha de elaboración del presente comunicado no tiene pendientes para este tema y atendió los requerimientos de la interventoría, el mismo día que se le remitió la solicitud.
Entregar al interventor las memorias de cálculo, los planos de diseño y los planos récord de obra el cual deberá ser adjunto al informe final y necesarios para la suscripción del acta de recibo	El contratista a la fecha de elaboración del presente comunicado no tiene pendientes para este tema y atendió los requerimientos la información se encuentra en revisión de la interventoría.
Efectuar la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).	A fecha de elaboración del presente comunicado no se ha recibido ningún soporte de la realización de la actividad, pese a la solicitud de la interventoría.
Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).	A fecha de elaboración del presente comunicado no se ha recibido la Carta de compromiso de cumplimiento como contratista, sin embargo, la matriz de cumplimiento de requisitos en seguridad y salud en el trabajo ya se encuentra avalada y fue remitida a la entidad, además el contratista ha venido entregando los insumos que esta relaciona.

OBLIGACIÓN	RESPUESTA DE LA INTERVENTORIA
Proveer suficiente personal, herramienta, equipo y trabajar con los turnos necesarios para que el trabajo se realice de acuerdo con el programa de obra aprobado, cuando el contratista se atrase con respecto al programa de obra, el interventor le puede exigir por escrito un plan de contingencia en el que aumente el número de turnos y/o la jornada de trabajo, sin costo adicional para el ICA.	A fecha de elaboración del presente comunicado, la interventoría solicitud de remisión de plan de contingencia, pues si bien es cierto en los frentes hay personal de la obra, no tiene la autorización de ejecución de actividades en cubierta y cerramiento que representan la ruta crítica de los frentes, por lo tanto, debe redirigir sus ejecuciones.
Llevar una memoria diaria o bitácora de obra de todos los acontecimientos, sucesos y decisiones tomadas en la ejecución de la obra, registrarse la visita de funcionarios que tengan que ver con el proyecto, y demás acontecimientos, debe permitir la comprensión general de la obra y desarrollo de las actividades de acuerdo con el cronograma de ejecución aprobado. Debe firmarse por el residente de obra y la interventoría del contrato. Esta bitácora deberá ser entregada previa suscripción del acta de recibo.	A fecha de elaboración del presente comunicado, la interventoría remitió corte para la semana y continuará con el envió con cada semana y acumulado en el informe mensual.
Realizar y mantener actualizado el balance de obra, el cual debe contener las actividades, cantidades y valores de las condiciones de obra contratadas, condiciones actualizadas, mayores y menores cantidades de obra y cantidades finales ejecutadas; documento que tiene por objeto el control de los recursos contractuales. Éste deberá ser presentado a la interventoría con cada corte de obra o cuando esta lo requiera	Con la comisión a realizar en la semana 25 al 29 de noviembre de 2024, se espera el cierre de cualquier pendiente técnico y se podría realizar el ejercicio desde el comité del 03 de diciembre de 2024.

Respecto a las observaciones puntuales relacionadas para el **CONTRATO GGC-184-2024,** nos permitimos comunicar:

OBLIGACIÓN	RESPUESTA DE LA INTERVENTORIA
Conocer las obligaciones a cargo del Contratista de obra, del Interventor y de la Entidad Contratante; los riesgos que asume cada parte dentro del contrato y verificar que se cumplan los objetivos generales y específicos de los mismos.	A fecha de elaboración del presente comunicado, la interventoría solicitud de remisión de plan de contingencia, pues si bien es cierto en los frentes hay personal de la obra, no tiene la autorización de ejecución de actividades en cubierta y cerramiento que representan la ruta crítica de los frentes, por lo tanto, debe redirigir sus ejecuciones.
Conocer a cabalidad todos los documentos referentes al proceso del contratista de obra, los estudios previos, el anexo 1 - anexo técnico, el pliego de condiciones, la propuesta, y demás documentos que hacen parte del proceso de selección, para realizar el seguimiento, vigilancia y control de forma eficiente.	

Exigir al contratista la documentación requerida una vez se adjudique el contrato para su respectiva revisión y aprobación: documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma de trabajo, Plan de Manejo Ambiental, y seguridad y salud en el trabajo, cuadro de cuadrillas, informe de cubierta detallado, y plan detallado de trabajo.	A fecha de elaboración del presente comunicado, la interventoría remitió corte para la semana y continuará con el envió con cada semana y acumulado en el informe mensual.
Realizar la aprobación y velar por el cumplimiento del Plan de Manejo Ambiental de Obra y el Sistema de Gestión, Seguridad y Salud en el Trabajo (SG SST), elaborado por el contratista de obra	Con la comisión a realizar en la semana 25 al 29 de noviembre de 2024, se espera el cierre de cualquier pendiente técnico y se podría realizar el ejercicio desde el comité del 03 de diciembre de 2024.
Ante la evidencia de un posible incumplimiento, el interventor, informará de inmediato o a más tardar al día hábil siguiente de la ocurrencia, a través de informe técnico detallado, al ordenador del gasto, para que inicie las acciones correspondientes, contando para ello con el apoyo de quien cumple con el rol jurídico de la empresa y de la dependencia de la entidad	La interventoría se permite informar, que en cada una de las solicitudes que emite la entidad siempre ha estado en conocimiento pues es copiado en cada uno de los comunicados. Además, si bien es cierto que el contratista tiene pendiente la remisión y atención para cierre, a fecha de elaboración del presente comunicado y en garantía de un buen proceso, el ejecutor ya fue informado del posible incumplimiento en el que incurriría de no cerrar sus pendientes, junto con la proyección de la posible tasación de su multa de aplicar.
Efectuar la verificación del aporte mínimo dentro del rango de cinco por ciento (5 %) al diez por ciento (10%) que el Contratista incorpore en la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera.	La interventoría ha venido requiriendo al contratista para la entrega de los soportes que aplican según jurisprudencia, sin embargo, a pesar de informar en el último comité que esta preparando dicha entrega, a fecha de elaboración del presente comunicado no se ha recibido.

Analizar el avance contractual de los trabajos, con el fin de prever, con la suficiente anticipación, eventuales incumplimientos de plazos y sub-plazos, que hagan necesaria la toma de medidas con el contratista para prevenirlos, o para efectos de advertir y sugerir al Instituto Colombiano Agropecuario - ICA la imposición de las sanciones contractuales correspondientes.	La interventoría solicitó un plan de contingencia para mitigar los atrasos que se vienen presentando en el frente
Requerir a los contratistas cuando incumplan obligaciones contractuales, informar de ello por escrito al Instituto Colombiano Agropecuario - ICA y, de resultar pertinente, avisar a la aseguradora.	En los anexos 1 y 2 del presente oficio se evidencian los requerimientos y seguimiento realizados al contratista de obra por parte de la interventoría, así mismo, dentro del anexo 1 se evidencia el requerimiento por presunto incumplimiento de las obligaciones contractuales (oficio INT-ICA-2024-031).

Anexo 1. Relación de correspondencia – Requerimientos
Anexo 2. Informes semanales de interventoría

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

ANEXO 1

Bucaramanga, 06 de noviembre del 2024. **INT-ICA-2024-016**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud de listado de personal

Cordial saludo,

La interventoría en cumplimiento de sus obligaciones realiza la revisión correspondiente a la documentación remitida para el ingreso de personal, así mismo, se aplicaron los lineamientos establecidos por la supervisión para TODO EL PERSONAL vinculado al proyecto donde se generaron las siguientes observaciones:

FRENTE DE TRABAJO: CARMEN DE BOLIVAR

1. ALBERTO CARLOS CASTILLO CONTRERAS:

Se requiere el examen periódico ocupacional, dado que el soporte remitido tiene fecha de realización del mes de octubre de 2023, además se debe tener en cuenta que el trabajador está expuesto a un riesgo laboral V.

2. IVAN JOE CARRASCAL MANJARRES

Se requiere el examen periódico ocupacional, dado que el soporte remitido tiene fecha de realización del mes de octubre de 2023, además se debe tener en cuenta que el trabajador está expuesto a un riesgo laboral V.

3. OSCAR CASTRO CONTRERAS

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

4. MAIRA ANDREA ROMANI SIMANCA

No se evidencia el soporte de examen ocupacional de ingreso

5. MARISOL OSORIO TORRES

No se presenta ningún soporte

FRENTE DE TRABAJO: MAGANGUE

1. AQUILIO OLEA MARTINEZ

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

2. JORGE SIERRA FALCO

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

3. KAREN ARIAS GUERRA

No se evidencia el soporte de examen ocupacional de ingreso

4. WILLIAM SIERRA FRANCO

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

5. NILSON VILLALBA FLOREZ

No se evidencia el soporte de examen ocupacional de ingreso
No se presenta soporte de afiliación a AFP

Teniendo en cuenta lo anterior, la interventoría relaciona a continuación quien se encuentra autorizado y quien no para ingreso e inicio de actividades en obra:

N°	NOMBRES	APELLIDOS	IDENTIFICACION	CARGO	ARL	EPS	AFP	C ALTURAS	AUTORIZADO
CARMEN DE BOLIVAR									
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179									
1	ALBERTO CARLOS	CASTILLO CONTRERAS	1017124408		POSITIVA	SALUD TOTAL	PROTECCION	NA	SI
2	IVAN JOSE	CARRASCAL MANJARRES	1100622765		POSITIVA	CAJACOPI	PORVENIR	NA	SI
3	OSCAR	CASTRO CONTRERAS	92529978		POSITIVA	COOSALUD	NO PRESENTA	NA	NO
4	MAIRA ANDREA	ROMANI SIMANCA	1143395496		POSITIVA	FAMILIAR DE COLOMBIA	COLFONDOS	NA	SI
5	MARISOL	OSORIO TORRES	1052082724		NO PRESENTA	NO PRESENTA	NO PRESENTA	NA	NO
MAGANGUE									
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179									
1	AQUILIO	OLEA MARTINEZ	11058425		POSITIVA	FAMILIAR DE COLOMBIA	NO PRESENTA	NA	NO
2	JORGE RAMON	SIERRA FALCO	92258930		POSITIVA	MUTUALSER	NO PRESENTA	NA	NO
3	KAREN ANDREA	ARIAS GUERRA	1102857350		POSITIVA	COOSALUD	PORVENIR	NA	SI
4	WILLIAM RAFAEL	SIERRA FALCO	92260059		POSITIVA	NUEVA EPS	NO PRESENTA	NA	NO
5	NILSON RAFAEL	VILLALBA FLOREZ	1100696400		POSITIVA	NUEVA EPS	NO PRESENTA	NA	NO

Por otra parte, se requiere relacionar el cargo que ocupa cada trabajador para continuar con el respectivo seguimiento.

Además de lo anterior, no se recibió documentación para los profesionales que vamos a relacionar a continuación y que deben ser remitidos de manera inmediata, junto con la subsanación relacionada líneas atrás:

CARGO	NOMBRE DEL PROFESIONAL	N° TARJETA PROFESIONAL	PROFESION
Director de Obra	Javier Felipe Castillo Gutierrez	25202-357196 CND	Ingeniero Civil
Ingeniero Electricista	Sandy Manuel Fortich Madera	AN205-100699	Ingeniero Electricista
Ingeniero Estructural	Climaco Andres Hernandez Montes	22202-201945 COR	Ingeniero Civil
Inspector SISOMA	Loraines María Barrios Campo	Resolución N° 765	Profesional en Salud Ocupacional

Finalmente, cabe mencionar que no se evidencia personal afiliado a la empresa GESTION RURAL Y URBANA SAS, quien contractualmente es quien deberá ejecutar el contrato en mención, por lo tanto, se le recuerda la *"CLAUSULA DECIMA SEGUNDA. - RESPONSABILIDAD: El Contratista es responsable por el cumplimiento de las obligaciones pactadas en el contrato. Además, responderá por los daños generados a la Entidad en la ejecución del contrato, causados por sus Contratistas o empleados, y de sus subcontratistas"* y que el plazo de subsanación es perentorio para autorizar trabajos en sus respectivos frentes.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 08 de noviembre del 2024. **INT-ICA-2024-018**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

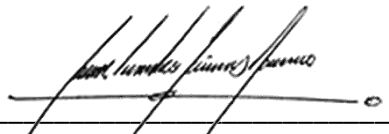
ASUNTO: Solicitud remisión Informe Quincenal.

Cordial saludo, por medio de la presente, me permito solicitar la remisión del informe técnico quincenal de obra, con el fin de verificar el avance de las actividades durante la primera semana de labores y dar cumplimiento al numeral 23 de las obligaciones específicas del contratista de obra (posteriormente se deberá remitir un informe cada quince días).

Este informe deberá contener la siguiente información:
• Encabezado de la semana: Fecha, número de informe, Periodo.
• Datos contractuales: Contratista, No. Contrato, Objeto, Valor inicial, Valor actualizado, Fecha de Inicio, Fecha de Vencimiento, Prorrogas (detallas todas las prórrogas del contrato), Suspensiones, Interventor.
• Control de Programación: porcentaje de obra programado, porcentaje de obra ejecutado, porcentaje acumulado de obra tanto del programado como el ejecutado.
• Control presupuesto: valor de obra programado, valor de obra ejecutado, valor de obra acumulado tanto del programado como del ejecutado.
• Actividades realizadas en la semana.
• Resumen Ejecutivo del contrato.
• Personal y equipo en obra.
• Registro fotográfico del antes y el después.
• Gestión de los tramites contractuales.

Se solicita la entrega del primer informe quincenal con corte al día martes 12 de noviembre de 2024.

Cordialmente,



JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Cc Supervisión del Contrato

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 18 de noviembre del 2024. **INT-ICA-2024-022**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud de listado de personal

Cordial saludo,

La interventoría en cumplimiento de sus obligaciones realiza la revisión correspondiente a la documentación remitida para aprobación del diseño para el cerramiento del frente de Magangué; sin embargo, esta no pudo concluirse de manera satisfactoria, toda vez que no se evidencian las memorias y/o cálculos para verificar la fuerza horizontal que se diseñó el elemento, imposibilitando la verificación de estabilidad de este.

Quedamos atentos a su subsanación, en aras de realizar el pronto cierre del mismo.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 19 de noviembre del 2024. **INT-ICA-2024-023**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE PROGRAMAS HSEQ

Cordial saludo,

Por medio de la presente, me permito solicitar la entrega del plan de manejo ambiental y el programa de seguridad y salud en el trabajo, los cuales debieron remitirse dentro de los cinco días hábiles contados a partir de la firma del contrato tal como se establece en la documentación contractual así como en el anexo técnico 1, especificaciones técnicas en su numeral 3.1 OBLIGACIONES ADICIONALES DEL CONTRATISTA (…) *"el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabajo e informe de cubierta detallado."* (…)

Así lo expuesto, se requiere la entrega del Plan de Manejo Ambiental y de Seguridad y Salud en el Trabajo, los cuales deben estar direccionados de acuerdo a las actividades a ejecutar dentro del contrato en mención y teniendo presente que deberá aplicarlo durante toda la ejecución de la obra

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 19 de noviembre del 2024. **INT-ICA-2024-024**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE INFORMACION TECNICA

Cordial saludo,

Por medio de la presente, me permito solicitar la entrega levantamiento de la cubierta existente, con el fin de conocer la estructura actual y lograr determinar, junto con un informe y el conceto de si se requiere o no un reforzamiento para la instalación de la teja nueva. Además de lo anterior puntualmente nos permitimos citar de su anexo técnico que se debe cumplir con:

• El contratista deberá realizar un levantamiento de la cubierta existente, con el fin de conocer la estructura actual y lograr determinar, si se requiere o no un reforzamiento para la instalación de la teja nueva. Todo esto se deberá presentar en un informe.

• El contratista a partir del levantamiento de la estructura de la cubierta y el predimensionamiento estructural entregado por la entidad, deberá realizar los ajustes, actualizaciones y/o rediseño necesario para darle cumplimiento a las condiciones actuales del sitio y a la normativa vigente. El insumo producto de esta obligación debe estar aprobado por la interventoría.

Además de lo anterior, para la correcta atención del componente técnico estructural se debe atender desde la especialidad eléctrica lo siguiente:

• En caso de que se requiera alguna modificación en el diseño eléctrico de las redes presentado por la entidad, el contratista con su personal mínimo de trabajo deberá realizar las modificaciones, ajustes o rediseños necesarios para darle cumplimiento a las condiciones del sitio y la normativa vigente. El insumo producto de esta obligación debe estar aprobado por la interventoría.

• Cuando se vaya a realizar trabajos de obra en áreas donde existan líneas eléctricas, se debe informar con el fin de buscar el acompañamiento.

Finalmente, se le recuerda al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de*

desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.", por lo anterior, sírvase finalizar con las entregas que tiene pendientes de manera inmediata, más aun teniendo en cuenta que sus ejecuciones en dependen de la aprobación de varios de estos entregables.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 08 de noviembre del 2024. **INT-ICA-2024-025**

Señor
GILDARDO CASTILLO SANCHEZ
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Solicitud cumplimiento de obligaciones contractuales.

Cordial saludo, por medio de la presente, me permito solicitar el cumplimiento de las obligaciones por parte del consorcio contratista de obra, específicamente los numerales 23, 25 y 26 de las obligaciones específicas del contratista, según se indica en el contrato de obra N° GGC-089-2024.

conjuntamente con la interventoría, actas de inicio, parciales y de recibo y liquidación final de obra. **23.** Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el **ANEXO No. 01 – ANEXO TÉCNICO.**

suscripción del acta de recibo. **25.** Asistir a los comités semanales, con el interventor y supervisor del contrato, que permita a las partes verificar el avance del contrato, el cumplimiento de las obligaciones a cargo del contratista o cualquier aspecto técnico, administrativo, financiero, contable y jurídico referente al mismo. Es obligación y responsabilidad del contratista la asistencia a estos comités de seguimiento con los profesionales aprobados de acuerdo con los temas a tratar, en el lugar y hora donde el contratante disponga. **26.** El Contratista se compromete a realizar una presentación en formato

en el lugar y hora donde el contratante disponga. **26.** El Contratista se compromete a realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto. **27.** Mantener reserva sobre la información que legalmente lo amerite y que

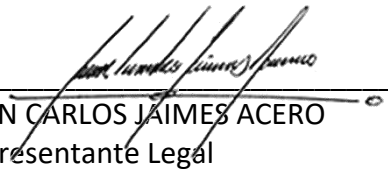
Lo anterior se solicita teniendo en cuenta lo evidenciado en el comité técnico de obra del día de hoy 19 de noviembre de 2024 en donde se requería la participación del profesional especialista estructural de obra, ya que el principal tema a tratar era la entrega y exposición del concepto estructural en ambas sedes.

Por otra parte, nos encontramos en la tercera semana de labores y hasta el momento no se han realizado las presentaciones en digital en los comités técnicos, en donde el contratista de obra exponga el progreso detallado de la obra a nivel técnico, financiero, administrativo, SST y ambiental, con el respectivo registro fotográfico actualizado.

Por último, se reitera la solicitud de remisión del informe técnico quincenal, según lo requerido por nosotros mediante el oficio INT-ICA-2024-018 allegado a ustedes el día 08 de noviembre del año en curso.

En aras de dar cumplimiento a las obligaciones contractuales y evitar sanciones, solicito sean atendidas de manera oportuna las disposiciones descritas previamente.

Cordialmente,



JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Cc Supervisión del Contrato

Bucaramanga, 20 de noviembre del 2024. **INT-ICA-2024-027**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: REQUERIMIENTOS CONTRACTUALES DEL AREA SST Y AMBIENTAL

Cordial saludo,

Teniendo en cuenta las obligaciones contractuales establecidas y los requerimientos necesarios para garantizar el cumplimiento de la normatividad legal vigente en materia de Seguridad y Salud en el trabajo y Medio ambiente, la interventoría solicita:

- PLAN DE MANEJO AMBIENTAL

Este documento debe contener las medidas y actividades necesarias para prevenir, mitigar, corregir o compensar los impactos y efectos ambientales generados por el desarrollo de las actividades del contrato en mención.

Así mismo, se sugiere considerar las actividades a implementar para el manejo de residuos de construcción y/o demolición, así como aquellos residuos que requieren un manejo y disposición especial. Además de esto, se deberá incluir el programa de manejo de materiales obtenidos, el cual debe cumplir con lo mencionado en el "CONTRATO CELEBRADO ENTRE EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA Y GESTIÓN RURAL Y URBANA S.A.S." CLÁUSULA OCTAVA – OBLIGACIONES DEL CONTRATISTA, literal B ESPECIFICAS, NUMERAL 9 "Responder por la obtención de todo lo relacionado con las fuentes de materiales de construcción necesarias para la ejecución de la obra contratada y la obtención legal y oportuna de todos los materiales y suministros que se requieran para la construcción de la obra (…)"

Es importante mencionar, que dichos programas deberán ser aplicados durante la ejecución de la obra y estarán sujetos a verificación y control por parte de la interventoría.

- SEGURIDAD Y SALUD EN EL TRABAJO

Por otra parte, considerando lo establecido en el ANEXO 1. ANEXO TÉCNICO: ESPECIFICACIONES TÉCNICAS, se requiere especial atención a los siguientes requerimientos:

a. Los empleados del contratista están obligados a utilizar indumentaria uniforme en las condiciones aprobadas por la interventoría.
b. El contratista deberá presentar al interventor el registro del nuevo personal a ingresar para los respectivos estudios de seguridad y posterior aprobación, para esto, es necesario entregar una relación de personal actualizado que cuente con su documentación de ingreso completa y vigente
c. El contratista, deberá mantener actualizada y a la vista el listado de personal, con su respectiva EPS, ARL y seguros colectivos de existir, con teléfono de contacto y de emergencia.

Así mismo, en dicho documento se menciona la siguiente solicitud que, a la fecha la interventoría no ha podido verificar:

"Una vez firmada el acta de inicio del contrato de obra, se deberá diligenciar y entregar a la interventoría y supervisión del contrato, los siguientes documentos, los cuales serán remitidos a la Oficina de Salud Ocupacional.

1. *Carta de compromiso de cumplimiento como contratistas"*

Por esto, se requiere la entrega inmediata de dicho documento.

Para el siguiente punto mencionado en la documentación contractual:

"2. Matriz de cumplimiento de requisitos en seguridad y salud en el trabajo para contratistas jurídicos, en el cual deberá presentar la siguiente información:

Trabajo en alturas:
Programa de Protección Contra caídas
Procedimiento para la atención y rescate en alturas
Certificado de formación o competencia laboral de las personas que realizaran trabajo en alturas.
Certificado del trabajador de trabajo en alturas
Certificado de calidad y registros de inspecciones de los equipos de protección contra caídas y de los sistemas de acceso a utilizar"

Se evidencia la entrega de la MATRIZ DE IDENTIFICACIÓN DE PELIGROS, EVALUACIÓN Y VALORACIÓN DE RIESGOS, la cual evalúa los riesgos asociados a las actividades a ejecutar para el presente proyecto, así mismo, cumple con la entrega del programa de protección contra caídas, con los PROCEDIMIENTOS OPERATIVOS NORMALIZADOS (PON) el cual incluye el procedimiento de atención y rescate en alturas.

Cabe mencionar que, durante el desarrollo de actividades, se evidenció la entrega de certificados de trabajador autorizado para alturas, sin embargo, se reitera que todo el personal que este programado para realizar labores criticas como lo es el trabajo en alturas, debe contar con el certificado de idoneidad vigente. Además de esto, se solicita la entrega de permisos diligenciados para trabajo en alturas, análisis de trabajo seguro de cada actividad y certificaciones e inspecciones de equipos y elementos utilizados para dichas actividades (andamios, arnés, eslingas, conectores, líneas de vida, frenos y demás que se usen en campo)

Por otra parte, se requiere realizar las actividades de obra teniendo en cuenta *"el procedimiento de ejecución"* establecido en el anexo técnico para cada ítem, los cuales incorporan las medidas de SEGURIDAD Y SALUD EN EL TRABAJO para el desarrollo del contrato.

Conjuntamente, se solicita la entrega de los soportes necesarios para dar cumplimiento a la siguiente obligación contractual, la cual se encuentra establecida en la CLÁUSULA OCTAVA – OBLIGACIONES DEL CONTRATISTA del "CONTRATO CELEBRADO ENTRE EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA Y GESTIÓN RURAL Y URBANA S.A.S." donde se dispone en su numeral 13. Lo siguiente: *"Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. (…). El cumplimiento de esta obligación deberá probarse ante al supervisor y/o interventor dentro de los tres (3) días hábiles siguientes contados a partir de la firma del acta de inicio. (…)*
El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda su vigencia en el porcentaje mínimo establecido en este numeral, so pena del incumplimiento contractual"

Para la acreditación de dicha obligación se debe aplicar lo dispuesto en el artículo 2.2.1.2.4.2.17 del Decreto 1082 de 2015.

Así lo expuesto, se solicita la atención a los puntos anteriormente mencionados.

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 20 de noviembre del 2024. **INT-ICA-2024-028**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE ENTREGA DE INFORMACION

Cordial saludo,

Por medio de la presente, me permito solicitar en cumplimiento de nuestras obligaciones nos permitimos los pendientes que deben ser cerradas de manera inmediata, citando su anexo técnico y demás obligaciones que ha día de hoy ya deberían estar entregadas y aprobadas, para dar por cumplidas las mismas:

- *El cuadro de cuadrillas se realizará según tipo (albañilería, carpintería en madera, pinturas, etc.), señalando su conformación (oficiales, ayudantes, etc.). Se indicará el valor del salario, éste y sus componentes deben ajustarse a lo establecido por la ley, el resultado deberá expresarse en jornal (la remuneración de un día de trabajo) y será trasladado a la casilla de mano de obra en los APU. Las cuadrillas tipo a utilizar deben estar de acuerdo con la actividad a desarrollar para cada actividad. Solo se aceptará una cuadrilla por especialidad en cada APU, es decir no pueden existir 2 o más cuadrillas iguales en un mismo APU, pero si es posible que un APU necesite el empleo de varias cuadrillas de distinto género.*

- *Este documento fue entregado por el contratista de obra y avalado por la interventoría. Sin embargo, se evidencia una falencia en el inicio, dado que la fecha del cronograma esta a partir del 01 de noviembre, y el acta de inicio del contrato es del 02 de noviembre, se solicita ajustar.*

- *Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda*

- *Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO*

- *Efectuar la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).*

- *Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).*

- *La entidad no ha recibido el plan detallado de trabajo exigido en el Plan detallado de trabajo (numeral 4.1 del Anexo Técnico)*

Además, es obligación de presentar cada comité el siguiente producto:

El Contratista se compromete a realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto

Finalmente, se le recuerda al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.",* por lo anterior, se reitera que se debe finalizar con las entregas que tiene pendientes de manera inmediata, más aun teniendo en cuenta que el cumplimiento de sus obligaciones puede verse afectado, derivando en tramites alternos.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

Bucaramanga, 23 de noviembre del 2024. **INT-ICA-2024-031**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Requerimiento de la interventoría del CONTRATO N° GGC-089- 2024 por presunto incumplimiento para el contrato de la referencia

Respetado Ingeniero,

Dentro de la ejecución del contrato de Obra N° GGC-089- 2024 suscrito entre la **EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA y GESTIÓN RURAL Y URBANA S.A.S.,** que tiene como objeto **"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR",** por medio de la presente nos permitimos solicitarle el inicio de las acciones que aplican, de acuerdo con la información que se relacionan a continuación:

1. INFORMACIÓN GENERAL DEL CONTRATO

CONTRATO:	GGC-089-2024
OBJETO:	**"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"**
CONTRATISTA:	**GESTIÓN RURAL Y URBANA S.A.S.**
REPRESENTANTE LEGAL:	**GILDARDO CASTILLO SANCHEZ**
FECHA DE INICIO:	02 DE NOVIEMBRE DE 2024
FECHA DE TERMINACIÓN:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR:	MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
ALCANCE Y ACTIVIDADES ESPECIFICAS	El Contratista deberá desarrollar el objeto del Contrato de conformidad con las especificaciones y características técnicas señaladas en los Documentos del proceso de LICITACIÓN PÚBLICA No. GC- LP-064-2024, los cuales hacen parte integral del presente contrato. El Contratista se obliga para con la Entidad a ejecutar, a los

	precios cotizados en la propuesta y con sus propios medios: materiales, maquinaria, laboratorios, equipos y personal, en forma independiente y con plena autonomía técnica y administrativa, hasta su total terminación y aceptación final, las cantidades de obra que se detallan en su propuesta económica, conforme lo señaló en el FORMULARIO No. 01 – FORMULARIO DE PROPUESTA ECONÓMICA.

2. HECHOS O RAZONES QUE FUNDAMENTAN EL REQUERIMIENTO

La interventoría en cumplimiento de sus obligaciones y de acuerdo con las exigencias del Contrato de obra N° GGC-089- 2024, se permite informar acerca del posible incumplimiento de sus obligaciones correspondientes al contrato en mención, toda vez que se tienen pendientes que deben ser cerrados de manera inmediata. Por lo anterior, citamos su anexo técnico y demás obligaciones que a hoy ya deberían estar entregadas y aprobadas, para dar por cumplidas las mismas, pero a la fecha continúan pendientes:

- No se ha remitido el cuadro de cuadrillas que debe cumplir con *"realizará según tipo (albañilería, carpintería en madera, pinturas, etc.), señalando su conformación (oficiales, ayudantes, etc.). Se indicará el valor del salario, éste y sus componentes deben ajustarse a lo establecido por la ley, el resultado deberá expresarse en jornal (la remuneración de un día de trabajo) y será trasladado a la casilla de mano de obra en los APU. Las cuadrillas tipo a utilizar deben estar de acuerdo con la actividad a desarrollar para cada actividad. Solo se aceptará una cuadrilla por especialidad en cada APU, es decir no pueden existir 2 o más cuadrillas iguales en un mismo APU, pero si es posible que un APU necesite el empleo de varias cuadrillas de distinto género."*

- La programación fue entregada por el contratista de obra y avalado por la interventoría. Sin embargo, se evidencia que el inicio del cronograma está a partir del 01 de noviembre, y el acta de inicio del contrato es del 02 de noviembre, se solicita ajustar.

- No se han remitido los documentos que permitan verificar que se destinó *para la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda*

- No se han remitido al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO

- No se han remitido los documentos que permitan verificar que se realizó *la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).*

- No se han remitido los documentos *de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).*

- No se ha *recibido el plan detallado de trabajo exigido en el Plan detallado de trabajo (numeral 4.1 del Anexo Técnico)*

- Además, es obligación de presentar cada comité el siguiente producto *"realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto"* y a la fecha en los dos comités técnicos semanales, no se ha realizado.

3. DOCUMENTOS Y SOPORTES

A continuación, se relacionan las evidencias que sustentan el posible incumplimiento en el que ha incurrido el contratista en orden cronológico. Se adjunta dicha evidencia en el Anexo 1:

FECHA	CONSECUTIVO	ASUNTO
6-nov-24	INT-ICA-2024-016	Solicitud de listado de personal
8-nov-24	INT-ICA-2024-018	Solicitud remisión Informe Quincenal.
18-nov-24	INT-ICA-2024-022	Solicitud de listado de personal
19-nov-24	INT-ICA-2024-023	Solicitud entrega de programas HSEQ
19-nov-24	INT-ICA-2024-024	Solicitud entrega información técnica
19-nov-24	INT-ICA-2024-025	Solicitud cumplimiento de obligaciones contractuales
20-nov-24	INT-ICA-2024-027	Requerimientos contractuales del area SST y ambiental
20-nov-24	INT-ICA-2024-028	Slicitud entrega de innformación
21-nov-24	INT-ICA-2024-029	Ejecución de actividades sin autorización de la interventoría.

4. POSIBLE TASACIÓN DE APREMIO FASE

De acuerdo con su ***CLAUSULA DECIMA CUARTA. - MULTAS:*** *El ICA tendrá la facultad de imponer multas en caso de incumplimiento de las obligaciones a cargo del CONTRATISTA de conformidad con lo dispuesto por el Artículo 17° de la Ley 1150 de 2007, el Artículo 86° de la Ley 1474 de 2011 (Estatuto Anticorrupción) y el Artículo 2.2.1.2.3.1.19 del Decreto 1082 de 2015, Ley 1882 de 2018,* por lo tanto, de no remitir de manera inmediata lo solicitado en el debido estado para ser recibido a satisfacción, fundamentado en:

CAUSALES:

3. Si el Contratista no entrega la información completa que le solicite el interventor, que se relacione con el objeto del contrato, dentro de los plazos y en los términos de cada requerimiento, se causará una multa equivalente al 0,2% del valor del contrato. Estas multas se causarán sucesivamente por cada día de atraso, hasta cuando el Contratista demuestre que corrija el incumplimiento respectivo a satisfacción del interventor.

7. Por incumplir el ofrecimiento otorgado en cuanto al factor calidad, al Contratista se le impondrá una multa equivalente al 0,5% del valor del contrato, por cada día calendario de atraso en el cumplimiento de dicha obligación.

Causal	Porcentaje	$ 1.142.512.709,00	Dias de atraso	Valor total
3. Si el Contratista no entrega la información completa que le solicite el interventor *(…)*	0,2%	$ 2.285.025,42	4,00	$ 9.140.101,67
Comentarios Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO				
7. Por incumplir el ofrecimiento otorgado *(…)*	0,5%	$ 5.712.563,55	12,00	$ 68.550.762,54
Comentarios Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).				
			TOTAL	**$ 77.690.864,21**

Si bien la tasación está señalada en el cuadro anterior, esta no puede superar la suma de $ 57.125.635,45

5. CONCEPTO DE INTERVENTORÍA POSIBLE APREMIO

Teniendo en cuenta lo señalado líneas atrás, se le indica al ejecutor que dentro de sus obligaciones debe cumplir con "*Una vez perfeccionado el contrato se emitirá el acta de inicio del contrato fecha en la que se iniciará el tiempo de desarrollo del mismo y según lo establecido en los pliegos de condiciones, el Contratista de obra tendrá hasta CINCO (5) DÍAS HÁBILES contados a partir de la firma del contrato y anterior al acta de inicio para presentar documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma detallado, plan de manejo ambiental, y seguridad y salud en el trabo e informe de cubierta detallado.",* además que a la fecha no tiene acumulado varios de los compromiso de comité sin entender dentro de los plazos dados para el cierre. Por lo anterior, se reitera que se debe finalizar con las entregas que tiene pendientes de manera inmediata, más aún, teniendo en cuenta que el cumplimiento de sus obligaciones puede verse afectado, por POSIBLE **TASACIÓN DE APREMIO FASE1,** del numeral anterior.

Quedamos atentos a la entrega de lo anteriormente solicitado.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
CC Supervisión
Anexos:DIECISÉIS (016) FOLIOS

ANEXO 2

INFORME SEMANAL DE INTERVENTORÍA

FECHA DE ELABORACION		PERIODO No.	1	DEL	5/11/2024	AL	10/11/2024

1. INFORMACIÓN GENERAL

LOCALIZACIÓN DEL PROYECTO	

CONTRATO DE INTERVENTORÍA				CONTRATO DE OBRA			
CONTRATO No.:	*GGC-104-2024*			CONTRATO No.:	GGC-089-2024		
OBJETO DEL CONTRATO	*"INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"*			OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"		
CONTRATISTA	EQUILATERO ARQUITECTURA E INGENIRIA S.A.S			CONTRATISTA	GESTIÓN RURAL Y URBANA S.A.		
PLAZO INICIAL:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO INICIAL:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
PLAZO ACTUALIZADO:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO ACTUALIZADO:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
FECHA DE INICIACIÓN:	1 de noviembre de 2024			FECHA DE INICIACIÓN:	2 de noviembre de 2024		
**FECHA DE SUSPENSIÓN:	N/A			**FECHA DE SUSPENSIÓN:	N/A		
**FECHA DE REINICIACIÓN:	N/A			**FECHA DE REINICIACIÓN:	N/A		
FECHA DE TERMINACIÓN:	29 de diciembre de 2024			FECHA DE TERMINACIÓN:	31 de diciembre de 2024		
PLAZO ACTUALIZADO (DIAS) :	59			PLAZO ACTUALIZADO (DIAS) :	59		
PLAZO TRANSCURRIDO:	9	EQUIVALE AL	15%	PLAZO TRANSCURRIDO:	8	EQUIVALE AL	14%
VALOR INICIAL :	$ 119.999.406,70			VALOR INICIAL :	$ 1.142.512.709,00		
VALOR ADICION(ES):	$ -			VALOR ADICION(ES):	$ -		
VALOR ACTUALIZADO:	$ 119.999.406,70			VALOR ACTUALIZADO:	$ 1.142.512.709,00		

** Inserte las filas que requiera según el número de suspensiones y reinicios.

2. CONTROL DE PROGRAMACIÓN (%)

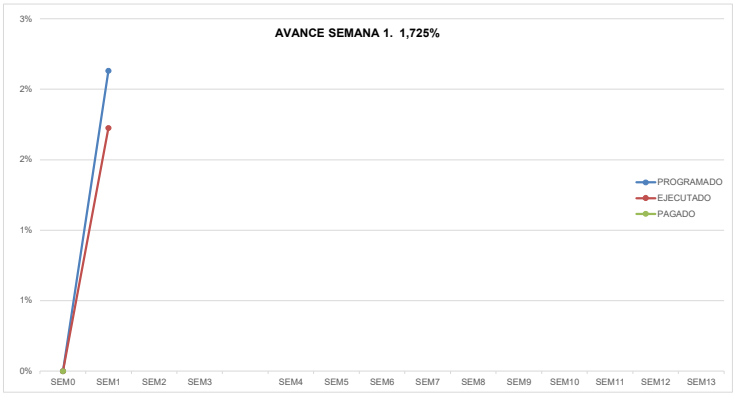
VALOR DEL FRENTE COSTO DIRECTO OBRA OFICINA CARMEN DE BOLIVAR $ 290825857

DESCRIPCION	PORCENTAJE PROGRAMADO	PORCENTAJE EJECUTADO
AVANCE SEMANAL	2,13%	1,7257%
AVANCE ACUMULADO SEMANA ANTERIOR	0,00%	0,00%
TOTALES PRESENTE SEMANA	**2,13%**	**1,73%**

3. CONTROL DE PRESUPUESTO

DESCRIPCION	VALORES PROGRAMADOS	VALORES EJECUTADOS
AVANCE SEMANAL	$ 6.199.268,09	$ 5.018.683,40
AVANCE ACUMULADO SEMANA ANTERIOR	$ -	$ -
TOTALES PRESENTE SEMANA	**$ 6.199.268,09**	**$ 5.018.683,40**

3. GRAFICO DE AVANCE



4. ACTIVIDADES DEL CONTRATISTA DE OBRA REALIZADAS EN LA SEMANA

Durante el periodo el conteatista ejecuto las sigunetes actividades.

1. PRELIMINARES

1.1. INSTALACIÓN DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO MÍNIMO CADA 2,0 M, ELEMENTOS DE FIJACIÓN, INCLUYE: SUMINISTRO, TRANSPORTE, INSTALACIÓN, EXCAVACIÓN, CONCRETO DE FUNDACIÓN PREPARADO EN OBRA DE 17 MPA - 2500 PSI, DIÁMETRO APROXIMADO 0,20 M Y PROFUNDIDAD APROXIMADA 0,30 M, CABLE O ALAMBRE TENSOR PARTE INFERIOR Y SUPERIOR HORIZONTAL, MANTENIMIENTO, DESMONTE Y TODOS LOS DEMÁS ELEMENTOS NECESARIOS PARA SU CORRECTA INSTALACIÓN Y OPERACIÓN.

1.2 LOCALIZACIÓN, TRAZADO Y REPLANTEO. SE UTILIZARÁ PERSONAL EXPERTO CON EQUIPO DE PRECISIÓN. TODOS LOS DEMÁS MATERIALES, ELEMENTOS, EQUIPOS, SEGUROS DE EQUIPOS, INSTALACIONES, COMBUSTIBLES, LUBRICANTES, ENERGÍA, TRANSPORTE, MANO DE OBRA, NECESARIOS PARA UNA CORRECTA EJECUCIÓN DE LOS TRABAJOS. SE HARÁN LOS CHEQUEOS O REVISIONES NECESARIOS, CON LA FRECUENCIA QUE INDIQUE LA INTERVENTORÍA. INCLUYE ELABORACIÓN DE PLANOS.

2.0 RETIROS Y DEMOLICIONES

2.3 DESMONTE DE CIELO RASO EN MADERA. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL

INFORME SEMANAL DE INTERVENTORÍA

2.6 DESMONTE DE ESCRITORIOS Y SILLAS.INCLUYE MOVERLOS O TRASLADARLOS A SITIO DE ACOPIO DEBIDAMENTE ENVUELTOS EN PLÁSTICO

2.7 DESMONTE Y REINSTALACIÓN DE ARCHIVADORES, CONSISTE EN LA REUBICACIÓN DE LOS ARCHIVADORES EN EL ÁREA DOCUMENTAL, ESTO CON EL FIN DE REDISTRIBUIR EL ESPCIO ACORDE CON EL ACUERDO 049 DE 2000 REPOSITORÍO NORMATIVO ARCHIVO GERENERAL DE LA NACIÓN.INCLUYE RESANE DE PISOS.

5. ACTIVIDADES POR LA INTERVENTORIA REALIZADAS EN LA SEMANA

La interventoria ha llevado el control técnico, administrativo, juridico y financiero a la obra que tiene por objeto, ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR.

Realizo control permanente del personal de la obra que tenga su respectiva seguridad social e implementos de seguridad , se desarrollo la inspeccion de localizacion y replanteo ejecutado por el personal del contratistas, se exigio la entrega de planos del levnatamiento a la interventoria.

Durante este periodo se lleve a cabo un acompañamiento permante en cada actividad desarrollada, evaluando que el personal denegado para cada trabajo cumpliera acambalidad con todo los requicitos exigidos por la interventotia y hojas de vida aprobadas por esta.

Se le informa al contratista que un vez ejecutado en un 100% el desmonte cielo raso debera presentar un informe detallado de la estructura de la cubierta para verificar el estado en la que se encuentra, el cual lo realizara un ingeniero estructural una vez haga la visita a la obra. De lo contrario no podra realizar labores en esta.

La interventoria diligencio formato de bitácora de obra en donde se hace gistro diario de lluvias, de personal laborando en la obra, la cual se realiza diariamente consignando actividades realizadas, solicitudes por parte del contratista y soluciones dadas por la interventoria.

Se verifico el lugar de acopio de escombros dentro de las instalaciones de la obra para luego realizar el transporte y botar a sitios oficiales.

6. RESUMEN EJECUTIVO

LICITACIÓN PÚBLICA No. GC-LP-064-2024,
OBJETO " ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"
ENTIDAD CONTRATANTE
EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA
CONTATISTA.
GESTIÓN RURAL Y URBANA S.A.S
INTERVENTOR
EQUILÁTERO Y ARQUITECTURA E INGENIERIA S.A.S.
PLAZO DE EJECUCION
CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR DEL CONTRARTO
MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
FECHA DE ACTA DE INICIO
DOS (2) DE NOVIEMBRE DE 2024

UBICACION DE LA OBRA
SEDE LOCAL ICA CARMEN DE BOLOVAR, MUNICIPIO EL CARMEN DEPARTAMENTO DE BOLIBAR.

DURANTE LA SAMANA COMPRENDIDA ENTRE EL CINCO (5) AL DIEZ (10) DE NOVIEMBRE DE 2024 EL CONTRATISTA REALIZO LAS SIGUIENTES ACTIVIDADES.
PRELIMINARES
ITEM 1.1, CERRAMIENTO, Se realizo el cerramiento con tela verde para delimitar y proteger la zona de trabajo, además restringir el paso al personal no autorizados o animales ejecutando 42 ml de cerramiento. AVANCE ACUMULADO de 100 % de lo contrato.

ITEM 1.2, LOCALIZACION Y REPLANTEO, el contratiosta realizo el replanteo de las zonas a interventir y estipuladas dentro del contrato, estableciendo los limites a intervenir para garactizar la alineacion del diseño original del proyecto y la ejecucion de la construccion a si como analizar los recursos el cual debe presentar planos a la interventoria. AVANCE ACUMULADO 100%.

ITEM 2.3, DESMONTE DE CIEO RASO, se realizó desmonte de cielo raso en madera en las oficinas y pasillo a intervenir así mismo como retito, cargue y limpieza de escombros. Avance acumulado de 335,01 M2, AVANCE ACUMULADO 0,89%

ITE**M 2.6,** DESMONTE DE ESCRITORIOS Y SILLAS. se ejecutó el desmonte de escritorios y sillas en todas las oficinas y fueron reubicadas a un sitio asignado por el responsable de oficinas del ICA CARMEN DE BOLIVA. AVANCE ACUMULADO 100%

ITEM **2.7**, DESMONTE Y REINSTALACIÓN DE ARCHIVADORES, Durante la semana se realizo el desmonte y reubicación de archivadores una vez se realizo el replanteo de la obra y ubicados al sitio asignado por el responsable de oficinas sede ICA EL CARMEN DE BOLIVAR, AVANCE ACUMULADO 100%.

Durante el periodo que comprende el presente informe la Interventoría realizo recorridos de obra identificando junto con el Contratista las dificultades que se presentan en el proyecto.
La supervisión y control de las actividades de obra comprende la evaluación y seguimiento de todos los recursos de personal, maquinaria y equipos que provee el Contratista para el cumplimiento de las metas físicas y de inversión contractual, a la fecha el contratistas presenta un avance acumulado de 1,86% que equivale a un valor en peso de **$ 5.018.683,40** del presupuesto de obra otorgado para el ICA CARMEN DE BOLOIVAR es **$ 290.825.857,00**, de igual manera se informa que a la fecha el contratista debe llevar un avance de **$ 6.199.268,09,** correspondiente a un 2,13%, valor contemplado del cronograma entregado a la intervnetoria.

7. PERSONAL Y EQIPO DE OBRA

	CARGO	HERRAMIENTAS Y EQUIPOS
MAIRA ANDREA ROMANI SIMANCA	RESIDNTE E OBRA	ANDAMIOS CERTIFICADOS
MARISOL OSORIO TORRES	INSPECTOR SISO	BARRAS
OSCAR CASROS CONTRERAS	OFICIAL DE OBRA 1	PALADRAGA
IVAN JOSE CARRASCAL MANJARES	OFICIAL DE OBRA 2	MARTILLOS
ALBERTO CARLOS CASTILLA CONTRERAS	SUPERVISOR DE OBRA	PUNTILLAS
		ESCALERA METALICA
		ALAMBRE NEGRO

8. PERSONAL DE INTERVENTORIA

Personal	Cargo	
RAFAEL SANTOS VILLADIEGO	Residente de Interventoria	
Liliana Quiroga Sepúlveda	Directora	
Ruby Caceres	Profesional HSEQ	

9. REGISTRO FOTOGRAFICO DEL AVANCE DURANTE LA SEMANA (ANTES Y DESPUES)



ANTES



DESPUES

INSTALACIÓN DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO



ANTES



DESPUES

DESMONTE DE CIELO RASO EN MADERA



ANTES



DESPUES

ALMACENAMIENTO DE ESCOMBROS PARA RETIRO AL BOTADERO



ANTES



DESPUES

DESMONTE Y REINSTALACIÓN DE ARCHIVADORES



ANTES



DESPUES

DESMONTE DE ESCRITORIOS Y SILLAS



RETIRO DE ESCRITORIOS Y ARCHIVADORES



SEDE ICA EL CARMEN DE BOLIVAR

10.0 GESTION DE LOS TRAMITES CONTRACTUALES

El contrato se encuentra a la espera de la entrega por parte del ejecutor del concepto estructural del estado actual de su cubierta incluido teja y estructura y demás detalles que la visita considere pertinente para iniciar los ajustes que se requieran técnicos financieros y administrativos si en esta entrega es imposible iniciar la atención de estos requerimientos.

FIRMA INTERVENTOR (DIRECTOR DE INTERVENTORÍA O CONTRATISTA INTERVENTOR)
NOMBRE: LILIANA QUIROGA SEPULVEDA
Proyectó: Rafael Diaz

INFORME SEMANAL DE INTERVENTORÍA

FECHA DE ELABORACION	9/11/2024	PERIODO No.	1	DEL	6/11/2024	AL	10/11/2024

1. INFORMACIÓN GENERAL

LOCALIZACIÓN DEL PROYECTO

CONTRATO DE INTERVENTORÍA				CONTRATO DE OBRA			
CONTRATO No.:	*GGC-104-2024*			CONTRATO No.:	GGC-089-2024		
OBJETO DEL CONTRATO	*"INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"*			OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"		
CONTRATISTA	EQUILATERO ARQUITECTURA E INGENIRIA S.A.S			CONTRATISTA	GESTIÓN RURAL Y URBANA S.A.		
PLAZO INICIAL:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO INICIAL:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
PLAZO ACTUALIZADO:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO ACTUALIZADO:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
FECHA DE INICIACIÓN:	1 de noviembre de 2024			FECHA DE INICIACIÓN:	2 de noviembre de 2024		
**FECHA DE SUSPENSIÓN:	N/A			**FECHA DE SUSPENSIÓN:	N/A		
**FECHA DE REINICIACIÓN:	N/A			**FECHA DE REINICIACIÓN:	N/A		
FECHA DE TERMINACIÓN:	29 de diciembre de 2024			FECHA DE TERMINACIÓN:	31 de diciembre de 2024		
PLAZO ACTUALIZADO (DIAS) :	59			PLAZO ACTUALIZADO (DIAS) :	59		
PLAZO TRANSCURRIDO:	9	EQUIVALE AL	15%	PLAZO TRANSCURRIDO:	8	EQUIVALE AL	14%
VALOR INICIAL :	$ 119.999.406,70			VALOR INICIAL :	$ 1.142.512.709,00		
VALOR ADICION(ES):	$ -			VALOR ADICION(ES):	$ -		
VALOR ACTUALIZADO:	$ 119.999.406,70			VALOR ACTUALIZADO:	$ 1.142.512.709,00		

** Inserte las filas que requiera según el número de suspensiones y reinicios.

2. CONTROL DE PROGRAMACIÓN (%)

VALOR DEL FRENTE COSTO DIRECTO OBRA OFICINA MAGANGUE $ 572.595.803,00

DESCRIPCION	PORCENTAJE PROGRAMADO	PORCENTAJE EJECUTADO
AVANCE SEMANAL	2,26%	0,87%
AVANCE ACUMULADO SEMANA ANTERIOR	0,00%	0,00%
TOTALES PRESENTE SEMANA	**2,26%**	**0,87%**

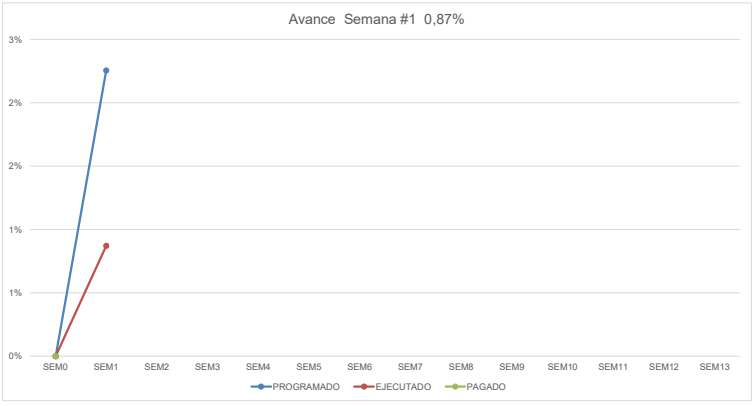
**PORCENTAJES CALCULADOS SOBRE COSTO DIRECTO

3. CONTROL DE PRESUPUESTO

DESCRIPCION	VALORES PROGRAMADOS	VALORES EJECUTADOS
AVANCE SEMANAL	$ 12.912.450,17	$ 4.989.997,15
AVANCE ACUMULADO SEMANA ANTERIOR		$ -
TOTALES PRESENTE SEMANA	**$ 12.912.450,17**	**$ 4.989.997,15**

**PORCENTAJES CALCULADOS SOBRE COSTO DIRECTO

3. GRAFICO DE AVANCE



4. ACTIVIDADES DEL CONTRATISTA DE OBRA REALIZADAS EN LA SEMANA

1. Se realizo localización y replanteo.
2. Se implemento el cerramiento Provicional en tela verde.
3. Se ejecuto el desmonte de puertas y ventanas, Cortinas persiana y cortineros.
4. Se Realizo Desmonte de de cerrramiento en alambre de puas en concreto.
4. Se Completo desmonte de ventanas.
5. Se realizo la limpieza y Roceria.
6. Se inicio la Excavacion Manual.

5. ACTIVIDADES POR LA INTERVENTORIA REALIZADAS EN LA SEMANA

La interventoría ha llevado el control técnico, administrativo, jurídico y financiero a la obra que tiene por objeto, ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR.

Realizo control permanente del personal de la obra que tenga su respectiva seguridad social e implementos de seguridad , se desarrollo la inspeccion de localizacion y replanteo ejecutado por el personal del contratistas, se exigio la entrega de planos del levnatamiento a la interventoria.

INFORME SEMANAL DE INTERVENTORÍA

Durante este periodo se lleve a cabo un acompañamiento permante en cada actividad desarrollada, evaluando que el personal denegado para cada trabajo cumpliera acambalidad con todo los requicitos exigidos por la interventotia y hojas de vida aprobadas por esta.

La interventoria diligencio formato de bitácora de obra en donde se hace gistro diario de lluvias, de personal laborando en la obra, la cual se realiza diariamente consignando actividades realizadas, solicitudes por parte del contratista y soluciones dadas por la interventoria.

6. RESUMEN EJECUTIVO

LICITACIÓN PÚBLICA No. GC-LP-064-2024,
OBJETO " ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"
ENTIDAD CONTRATANTE
EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA
CONTATISTA.
GESTIÓN RURAL Y URBANA S.A.S
INTERVENTOR
EQUILÁTERO Y ARQUITECTURA E INGENIERIA S.A.S.
PLAZO DE EJECUCION
CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR DEL CONTRARTO
MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
FECHA DE ACTA DE INICIO
DOS (2) DE NOVIEMBRE DE 2024

UBICACION DE LA OBRA
SEDE LOCAL ICA MAGANGUE, MUNICIPIO EL CARMEN DEPARTAMENTO DE BOLIVAR.

DURANTE LA SAMANA COMPRENDIDA ENTRE EL CINCO (5) AL DIEZ (10) DE NOVIEMBRE DE 2024 EL CONTRATISTA REALIZO LAS SIGUIENTES ACTIVIDADES.
PRELIMINARES

ITEM 1.1, LOCALIZACION Y REPLANTEO , El contratista realizo la Delimitacion donde iba ubicada el cerramiento. AVANCE ACUMULADO de 10,66 % de lo contrato.

ITEM 1.2, DESMONTE DE VENTANAS, El contratista realizó el desmonte de ventanas en las zonas estipuladas según el contrato.AVANCE ACUMULADO 100%.

ITEM 1.8, DEMSONTE DE MARCOS Y PUERTAS, el contratista ejecuto el desmontes de marcos y puertas de las oficinas, cafeteria y Baños que son la zonas estipuladas por el contrato. AVANCE ACUMULADO 84,62%.

ITEM 1.11, INSTALACIÓN DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO MÍNIMO CADA 2,0 M, ELEMENTOS DE FIJACIÓN, INCLUYE: SUMINISTRO, TRANSPORTE, INSTALACIÓN, EXCAVACIÓN, CONCRETO DE FUNDACIÓN PREPARADO EN OBRA DE 17 MPA - 2500 PSI, DIÁMETRO APROXIMADO 0,20 M Y PROFUNDIDAD APROXIMADA 0,30 M, CABLE O ALAMBRE TENSOR PARTE INFERIOR Y SUPERIOR HORIZONTAL, MANTENIMIENTO, DESMONTE Y TODOS LOS DEMÁS ELEMENTOS NECESARIOS PARA SU CORRECTA INSTALACIÓN Y OPERACIÓN. , EL contratista realizo el cerramiento con tela verde para delimitar y proteger la zona de trabajo, además restringir el paso al personal no autorizados o animales ejecutando 87 ml de cerramiento. AVANCE ACUMULADO 45,79 %.

ITEM 1.14, DESMONTE DE CORTINAS, PERSIANNAS Y CORTINEROS, el Contratista realizo el cerramiento provisional en tela verde polietileno de alta densidad en la zona determinada. AVANCE ACUMULADO 69,88 %.

ITEM 1.16, DESMONTE DE CERRAMIENTO EN ALAMBRE DE PUAS CON POSTES DE MADERA, el Contratista realizo desmonte del cerramiento existente que se encontraba ne mal estado. AVANCE ACUMULADO 96,97 %.

ITEM 1.18, ROCERÍA Y LIMPIEZA MANUAL Y/O CON EQUIPO, CONTROL DE MALEZA Y CRECIMIENTO DE MATERIAL VEGETAL (INCLUYE RETIRO Y DISPOSICIÓN FINAL), el contratista realizo la Roceria y Limpieza de la Zona a intervenir, en el cerramiento a ejecutar. AVANCE ACUMULADO 21,73 %.

ITEM 2.1, EXCAVACION MANUAL H=0-2M. INCLUYE CARGUE Y RETIRO. se realizó Excavacion Manual de la zona del la cimentacion del cerramiento en concreto y tubular, 3,6 M2, AVANCE ACUMULADO 4,10%

Durante el periodo que comprende el presente informe la Interventoría realizo recorridos de obra identificando junto con el Contratista las dificultades que se presentan en el proyecto.
La supervisión y control de las actividades de obra comprende la evaluación y seguimiento de todos los recursos de personal, maquinaria y equipos que provee el Contratista para el cumplimiento de las metas físicas y de inversión contractual, a la fecha el contratistas presenta un avance acumulado de 0,66% que equivale a un valor en peso de **$ 4989997,15** del presupuesto de obra otorgado para el ICA MAGANGUE es **$761'676.250,27**, de igual manera se informa que a la fecha el contratista debe llevar un avance de **$ 12'912.450,17,** correspondiente a un 1,70%, valor contemplado del cronograma entregado a la intervnetoria.

7. PERSONAL Y EQUIPO DE OBRA

Personal	Cargo	Herramientas
Karen Andrea Arias Guerra	Residente de obra	Andamios
Loraines Maria Barrios Campo	Residente Siso	Paladraga
Jorge Ramon Sierra Falco	Oficial	Martillos
Willliam Rafael Sierra Falco	Ayudante	Herramienta menores
Nilson Rafael Villalba Florez	Ayudante	
Aquilo Olea Martinez	Ayudante	

8. PERSONAL DE INTERVENTORIA

Personal	Cargo	
Alejandro Jose Frasser Nuñez	Residente de Interventoria	
Liliana Quiroga Sepúlveda	Directora	
Ruby Caceres	Profesional HSEQ	

9. REGISTRO FOTOGRAFICO DEL AVANCE DURANTE LA SEMANA (ANTES Y DESPUES)

Limpieza y Roceria



ANTES



DESPUES

Desmonte de Cortinas y ventanas



ANTES



DESPUES

Desmonte de Marco y puertas	
	
ANTES	DESPUES

Localizacion y Replanteo	
	
ANTES	DESPUES

Cerramiento en tela verde	
	
ANTES	DESPUES

Excavacion Manual	
	
ANTES	DESPUES

10.0 GESTION DE LOS TRAMITES CONTRACTUALES

El contrato se encuentra a la espera de la entrega por parte del ejecutor del concepto estructural del estado actual de su cubierta incluido teja y estructura y demás detalles que la visita considere pertinente para iniciar los ajustes que se requieran técnicos financieros y administrativos si en esta entrega es imposible iniciar la atención de estos requerimientos, para este frente incluye cimentación para cerramiento.

FIRMA INTERVENTOR (DIRECTOR DE INTERVENTORÍA O CONTRATISTA INTERVENTOR)
NOMBRE: LILIANA QUIROGA SEPÚLVEDA
Protectó: Alejandor Frasser

INFORME SEMANAL DE INTERVENTORÍA

FECHA DE ELABORACION	16 de noviembre 2024	PERIODO No.	1	DEL	12/11/2024	AL	16/11/2024

1. INFORMACIÓN GENERAL

LOCALIZACIÓN DEL PROYECTO	MUNICIPIO EL CARMEN DE BOLIVAR - DEPARTAMENTO DE BOLIVAR, SEDE ICA CARMEN DE BOLIVAR, cordenadas (N 9° 42' 51,15078" W 75° 6' 26,4546").

CONTRATO DE INTERVENTORÍA				CONTRATO DE OBRA			
CONTRATO No.:	GGC-104-2024			CONTRATO No.:	GGC-089-2024		
OBJETO DEL CONTRATO	"INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"			OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"		
CONTRATISTA	EQUILATERO ARQUITECTURA E INGENIRIA S.A.S			CONTRATISTA	GESTIÓN RURAL Y URBANA S.A.		
PLAZO INICIAL:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO INICIAL:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
PLAZO ACTUALIZADO:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO ACTUALIZADO:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
FECHA DE INICIACIÓN:	1 de noviembre de 2024			FECHA DE INICIACIÓN:	2 de noviembre de 2024		
**FECHA DE SUSPENSIÓN:	N/A			**FECHA DE SUSPENSIÓN:	N/A		
**FECHA DE REINICIACIÓN:	N/A			**FECHA DE REINICIACIÓN:	N/A		
FECHA DE TERMINACIÓN:	29 de diciembre de 2024			FECHA DE TERMINACIÓN:	31 de diciembre de 2024		
PLAZO ACTUALIZADO (DIAS) :	59			PLAZO ACTUALIZADO (DIAS) :	59		
PLAZO TRANSCURRIDO:	15	EQUIVALE AL	25%	PLAZO TRANSCURRIDO:	14	EQUIVALE AL	24%
VALOR INICIAL :	$ 119.999.406,70			VALOR INICIAL :	$ 1.142.512.709,00		
VALOR ADICION(ES):	$ -			VALOR ADICION(ES):	$ -		
VALOR ACTUALIZADO:	$ 119.999.406,70			VALOR ACTUALIZADO:	$ 1.142.512.709,00		

** Inserte las filas que requiera según el número de suspensiones y reinicios.

2. CONTROL DE PROGRAMACIÓN (%)

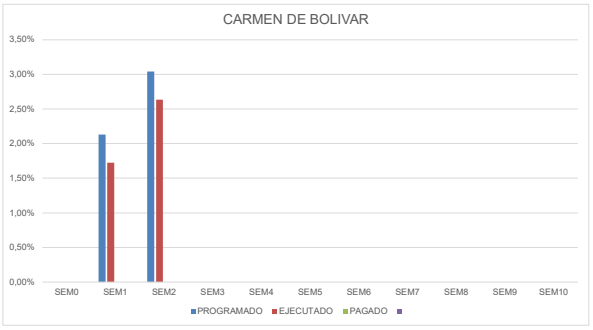
VALOR DEL FRENTE COSTO DIRECTO OBRA OFICINA CARMEN DE BOLIVAR $ 290825857

DESCRIPCION	PORCENTAJE PROGRAMADO	PORCENTAJE EJECUTADO4
AVANCE SEMANAL	0,91%	0,05%
AVANCE ACUMULADO SEMANA ANTERIOR	2,13%	1,73%
TOTALES ACUMULADOS	**3,04%**	**1,78%**

3. CONTROL DE PRESUPUESTO

DESCRIPCION	VALORES PROGRAMADOS	VALORES EJECUTADOS
AVANCE SEMANAL	$ 2.649.296,00	$ 146.384,26
AVANCE ACUMULADO SEMANA ANTERIOR	$ 6.119.268,09	$ 5.018.683,40
TOTALES ACUMULADOS	**$ 8.768.564,09**	**$ 5.165.067,66**

3. GRAFICO DE AVANCE



4. ACTIVIDADES DEL CONTRATISTA DE OBRA REALIZADAS EN LA SEMANA

Durante el periodo el contratista realizo las sigunetes actividades.

2.0 RETIROS Y DEMOLICIONES

2.3 DESMONTE DE CIELO RASO EN MADERA. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL

INFORME SEMANAL DE INTERVENTORÍA

LIMPIEZA Y RETIRO DE ESCOBROS (MADERA CIELO RASO)

LIMPEZA ESTRUTURA CUBIERTA

5. ACTIVIDADES POR LA INTERVENTORIA REALIZADAS EN LA SEMANA

La interventoría ha llevado el control técnico, administrativo, jurídico y financiero a la obra que tiene por objeto, ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR.

Realizo control permanente del personal de la obra que tenga su respectiva seguridad social e implementos de seguridad , se desarrollo la inspeccion de localizacion y replanteo ejecutado por el personal del contratistas, se exigio la entrega de planos del levnatamiento a la interventoria.

Durante este periodo se lleve a cabo un acompañamiento permante en cada actividad desarrollada, evaluando que el personal denegado para cada trabajo cumpliera acambalidad con todo los requicitos exigidos por la interventotia y hojas de vida aprobadas por esta.

Se realiza comité de obra el dia mates 5 de noviembre de 2024 entre personal del contatista y personal de interventoria

La interventoria diligencio formato de bitácora de obra en donde se hace gistro diario de lluvias, de personal laborando en la obra, la cual se realiza diariamente consignando actividades realizadas, solicitudes por parte del contratista y soluciones dadas por la interventoria.

se permite al contratista realizar limpieza de cubierta para adelantar ttrabajos durante la semana .

6. RESUMEN EJECUTIVO

LICITACIÓN PÚBLICA No. GC-LP-064-2024,
OBJETO " ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"
ENTIDAD CONTRATANTE
EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA
CONTATISTA.
GESTIÓN RURAL Y URBANA S.A.S
INTERVENTOR
EQUILÁTERO Y ARQUITECTURA E INGENIERIA S.A.S.
PLAZO DE EJECUCION
CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR DEL CONTRARTO
MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
FECHA DE ACTA DE INICIO
DOS (2) DE NOVIEMBRE DE 2024

UBICACION DE LA OBRA
SEDE LOCAL ICA CARMEN DE BOLOVAR, MUNICIPIO EL CARMEN DEPARTAMENTO DE BOLIBAR.

DURANTE LA SAMANA COMPRENDIDA ENTRE EL CINCO (12) AL DIEZ (117) DE NOVIEMBRE DE 2024 EL CONTRATISTA REALIZO LAS SIGUIENTES ACTIVIDADES.

PRELIMINARES
ITEM 2.3, DESMONTE DE CIEO RASO, se realizó desmonte de cielo raso en madera en las oficinas y pasillo a intervenir así mismo como retito, cargue y limpieza de escombros. AVANCE ACUMULADO 100%

Durante el periodo que comprende el presente informe la Interventoría realizo recorridos de obra identificando junto con el Contratista las dificultades que se presentan en el proyecto. La supervisión y control de las actividades de obra comprende la evaluación y seguimiento de todos los recursos de personal, maquinaria y equipos que provee el Contratista para el cumplimiento de las metas físicas y de inversión contractual, a la fecha el contratistas presenta un avance acumulado de **1,775%** que equivale a un valor en peso de **$ 5.165.067,66** del presupuesto de obra otorgado para el ICA CARMEN DE BOLOIVAR es **$ 290.825.857,00**, de igual manera se informa que a la fecha el contratista debe llevar un avance de **$ 8.768.564,09,** correspondiente a un **3,0410%** , valor contemplado del cronograma entregado a la intervnetoria, a la fecha se presenta un atraso de **1,266%.**

7. PERSONAL Y EQIPO DE OBRA

	CARGO	HERRAMIENTAS Y EQUIPOS
MAIRA ANDREA ROMANI SIMANCA	RESIDNTE E OBRA	ANDAMIOS CERTIFICADOS
MARISOL OSORIO TORRES	INSPECTOR SISO	MARTILLOS
OSCAR CASROS CONTRERAS	OFICIAL DE OBRA 1	ESCALERA METALICA
IVAN JOSE CARRASCAL MANJARES	OFICIAL DE OBRA 2	EQUIPO DE TRABAJO EN ALTURAS
ALBERTO CARLOS CASTILLA CONTRERAS	SUPERVISOR DE OBRA	

8. PERSONAL DE INTERVENTORIA

Personal	Cargo	
RAFAEL SANTOS VILLADIEGO	Residente de Interventoria	
Liliana Quiroga Sepúlveda	Directora	
Ruby Caceres	Profesional HSEQ	

9. REGISTRO FOTOGRAFICO DEL AVANCE DURANTE LA SEMANA (ANTES Y DESPUES)



ANTES



DESPUES

RETIRO Y LIMPIEZA DE ESCOMBROS



ANTES



DESPUES

DESMONTE DE CIELO RASO EN MADERA



LIMPIEZA ESTRUCTURA DE CUBIERTA



LIMPIEZA ESTRUCTURA DE CUBIERTA

10.0 GESTION DE LOS TRAMITES CONTRACTUALES

A la fecha la obra presenta un atraso del 1,266%, debido que el avance considerado se estima en el item 3 (CUBIERTA), el cual se encuentra a la espera de la entrega por parte del ejecutor del concepto estructural del estado actual de su cubierta incluido teja y estructura y demás detalles que la visita considere pertinente para iniciar los ajustes que se requieran técnicos financieros y administrativos si en esta entrega es imposible iniciar los trabajos en la cubierta el cual quedo establecido en el comite del dia 12 de noviembre del 2024 que sera entregado el dia 18 de noviembre del 2024.

FIRMA INTERVENTOR (DIRECTOR DE INTERVENTORÍA O CONTRATISTA INTERVENTOR)
NOMBRE: LILIANA QUIROGA SEPULVEDA
Proyectó: Rafael Diaz

INFORME SEMANAL DE INTERVENTORÍA

FECHA DE ELABORACION	9/11/2024	PERIODO No.	2	DEL	11/11/2024	AL	17/11/2024

1. INFORMACIÓN GENERAL

LOCALIZACIÓN DEL PROYECTO	

CONTRATO DE INTERVENTORÍA				CONTRATO DE OBRA			
CONTRATO No.:	*GGC-104-2024*			CONTRATO No.:	GGC-089-2024		
OBJETO DEL CONTRATO	*"INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"*			OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"		
CONTRATISTA	EQUILATERO ARQUITECTURA E INGENIRIA S.A.S			CONTRATISTA	GESTIÓN RURAL Y URBANA S.A.		
PLAZO INICIAL:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO INICIAL:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
PLAZO ACTUALIZADO:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO ACTUALIZADO:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
FECHA DE INICIACIÓN:	1 de noviembre de 2024			FECHA DE INICIACIÓN:	2 de noviembre de 2024		
**FECHA DE SUSPENSIÓN:	N/A			**FECHA DE SUSPENSIÓN:	N/A		
**FECHA DE REINICIACIÓN:	N/A			**FECHA DE REINICIACIÓN:	N/A		
FECHA DE TERMINACIÓN:	29 de diciembre de 2024			FECHA DE TERMINACIÓN:	31 de diciembre de 2024		
PLAZO ACTUALIZADO (DIAS) :	59			PLAZO ACTUALIZADO (DIAS) :	59		
PLAZO TRANSCURRIDO:	16	EQUIVALE AL	27%	PLAZO TRANSCURRIDO:	15	EQUIVALE AL	25%
VALOR INICIAL :	$ 119.999.406,70			VALOR INICIAL :	$ 1.142.512.709,00		
VALOR ADICION(ES):	$ -			VALOR ADICION(ES):	$ -		
VALOR ACTUALIZADO:	$ 119.999.406,70			VALOR ACTUALIZADO:	$ 1.142.512.709,00		

** Inserte las filas que requiera según el número de suspensiones y reinicios.

2. CONTROL DE PROGRAMACIÓN (%)

VALOR DEL FRENTE COSTO DIRECTO OBRA OFICINA MAGANGUE $ 572.595.803,00

DESCRIPCION	PORCENTAJE PROGRAMADO	PORCENTAJE EJECUTADO
AVANCE SEMANAL	0,62%	0,45%
AVANCE ACUMULADO SEMANA ANTERIOR	2,22%	0,86%
TOTALES PRESENTE SEMANA	**2,83%**	**1,31%**

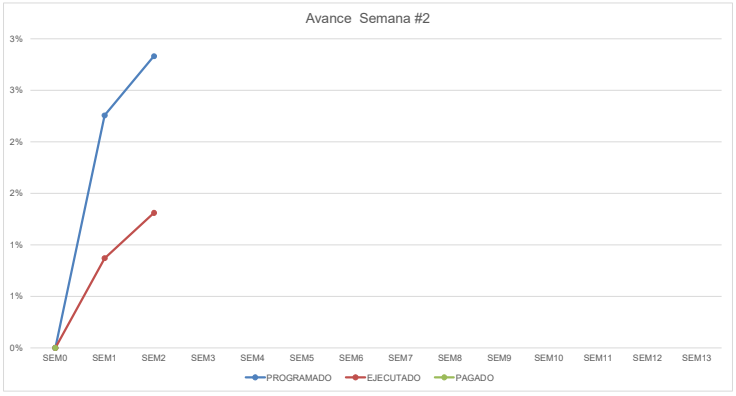
**PORCENTAJES CALCULADOS SOBRE COSTO DIRECTO

3. CONTROL DE PRESUPUESTO

DESCRIPCION	VALORES PROGRAMADOS	VALORES EJECUTADOS
AVANCE SEMANAL	$ 3.594.428,39	$ 2.634.298,91
AVANCE ACUMULADO SEMANA ANTERIOR	$ 12.912.450,17	$ 4.989.997,15
TOTALES PRESENTE SEMANA	**$ 16.506.878,56**	**$ 7.624.296,06**

**PORCENTAJES CALCULADOS SOBRE COSTO DIRECTO

3. GRAFICO DE AVANCE



4. ACTIVIDADES DEL CONTRATISTA DE OBRA REALIZADAS EN LA SEMANA

1. Se Realizo el Desmonte de Lavamanos.
2. Se Desmonto los aparatos sanitarios.
3. Se Inicio el Desmonte del Cielo raso.
4. Se Continua la Excavacion Manual del Cerramiento.
5. Se Comenzo con Demolicion manual de enchape de pared y meson.
6. Se ejecuto el Desmonte de poceta en Acero inoxidable.

INFORME SEMANAL DE INTERVENTORÍA

5. ACTIVIDADES POR LA INTERVENTORIA REALIZADAS EN LA SEMANA

La interventoria ha llevado el control técnico, administrativo, jurídico y financiero a la obra que tiene por objeto, ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN MAGANGUE, DEPARTAMENTO DE BOLÍVAR.

Realizo control permanente del personal de la obra que tenga su respectiva seguridad social e implementos de seguridad , se desarrollo la inspeccion de localizacion y replanteo ejecutado por el personal del contratistas, se exigio la entrega de planos del levnatamiento a la interventoria.

Durante este periodo se lleve a cabo un acompañamiento permante en cada actividad desarrollada, evaluando que el personal denegado para cada trabajo cumpliera acambalidad con todo los requicitos exigidos por la interventotia y hojas de vida aprobadas por esta.

La interventoria diligencio formato de bitácora de obra en donde se hace gistro diario de lluvias, de personal laborando en la obra, la cual se realiza diariamente consignando actividades realizadas, solicitudes por parte del contratista y soluciones dadas por la interventoria.

Se realizo la solicitud de la excavacion manual de dimensiones de 1mx1mx1m. Para observar si existia presencia de Nivel fratico, lo cual se le realizo monitoreo diario cada4 horas y no se logro observar presencia de este.

6. RESUMEN EJECUTIVO

LICITACIÓN PÚBLICA No. GC-LP-064-2024,
OBJETO " ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"
ENTIDAD CONTRATANTE
EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA
CONTATISTA.
GESTIÓN RURAL Y URBANA S.A.S
INTERVENTOR
EQUILÁTERO Y ARQUITECTURA E INGENIERIA S.A.S.
PLAZO DE EJECUCION
CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR DEL CONTRARTO
MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
FECHA DE ACTA DE INICIO
DOS (2) DE NOVIEMBRE DE 2024

UBICACION DE LA OBRA
SEDE LOCAL ICA MAGANGUE, MUNICIPIO DE MAGANGUE DEPARTAMENTO DE BOLIVAR.

DURANTE LA SAMANA COMPRENDIDA ENTRE EL CINCO (5) AL DIEZ (10) DE NOVIEMBRE DE 2024 EL CONTRATISTA REALIZO LAS SIGUIENTES ACTIVIDADES.
PRELIMINARES

ITEM 1.4, DESMONTE DE APARATO SANITARIO, El contratista ejecuto el desmonte de los aparatos sanitarios en los baños de hombre y mujeres de la sede. AVANCE ACUMULADO de 60% de las cantidades contratadas.

ITEM 1.5, DESMONTE DE LAVAMANOS, El contratista realizó el desmonte de los lavamanos en los baños de hombre y mujeres de la sede .AVANCE ACUMULADO 100% de las cantidades contratadas.

ITEM 1.8, DEMOLICION MANUAL DE ENCHAPE O PAÑETE (REVOQUE), el contratista ejecuto el demolicion del ecnhape de los baños del meson de la cocina, y laboratorio que son la zonas estipuladas por el contrato. AVANCE ACUMULADO 67,03%de las cantidades contratadas..

ITEM 1.9, DESMONTE DE POCETA EN ACERO INOXIDABLE. , EL contratista realizo el desmonte de la poceta en acero inxidable de la cocina. AVANCE ACUMULADO 100 %.de las cantidades contratadas.

ITEM 1.13, DESMONTE DE CIELO RASO, el Contratista realizo desmonte de cielo raso que se encontraba en pesimo estado y desmonte de angulo que lo soportaban en la zona determinada. AVANCE ACUMULADO 35,14 %.

ITEM 2.1, EXCAVACION MANUAL H=0-2M. INCLUYE CARGUE Y RETIRO. se realizó Excavacion Manual de la zona del la cimentacion del cerramiento en concreto y tubular, , AVANCE ACUMULADO 29,60%

Durante el periodo que comprende el presente informe la Interventoría realizo recorridos de obra identificando junto con el Contratista las dificultades que se presentan en el proyecto.
La supervisión y control de las actividades de obra comprende la evaluación y seguimiento de todos los recursos de personal, maquinaria y equipos que provee el Contratista para el cumplimiento de las metas físicas y de inversión contractual, a la fecha el contratistas presenta un avance acumulado de 1,31% que equivale a un valor en peso de **$ 7.624.296,06** del presupuesto de obra otorgado para el ICA MAGANGUE es **$761676250,27** de igual manera se informa que a la fecha el contratista debe llevar un avance de **$16.506.878,56 ,** correspondiente a un 2,83%, valor contemplado del cronograma entregado a la interventoria.

7. PERSONAL Y EQUIPO DE OBRA

Personal	Cargo	Herramientas
Karen Andrea Arias Guerra	Residente de obra	Andamios
Loraines Maria Barrios Campo	Residente Siso	Paladraga
Jorge Ramon Sierra Falco	Oficial	Martillos
Willliam Rafael Sierra Falco	Ayudante	Herramienta menores
Nilson Rafael Villalba Florez	Ayudante	
Aquilo Olea Martinez	Ayudante	

8. PERSONAL DE INTERVENTORIA

Personal	Cargo	
Alejandro Jose Frasser Nuñez	Residente de Interventoria	
Liliana Quiroga Sepúlveda	Directora	
Ruby Caceres	Profesional HSEQ	

9. REGISTRO FOTOGRAFICO DEL AVANCE DURANTE LA SEMANA (ANTES Y DESPUES)

Desmonte de Aparato Sanitario



ANTES



DESPUES

Desmonte de lavamanos



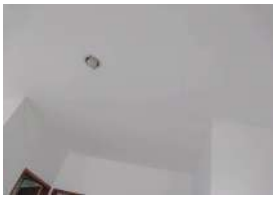
ANTES



DESPUES

Demolicion de enchape	
	
ANTES	DESPUES

Desmonte de poceta	
	
ANTES	DESPUES

Desmonte de cielo Raso	
	
ANTES	DESPUES

Excavacion Manual	
	
ANTES	DESPUES

10.0 GESTION DE LOS TRAMITES CONTRACTUALES

El contrato se encuentra a la espera de la entrega por parte del ejecutor del concepto estructural del estado actual de su cubierta incluido teja y estructura y demás detalles que la visita considere pertinente para iniciar los ajustes que se requieran técnicos financieros y administrativos si en esta entrega es imposible iniciar la atención de estos requerimientos, para este frente incluye cimentación para cerramiento.

FIRMA INTERVENTOR (DIRECTOR DE INTERVENTORÍA O CONTRATISTA INTERVENTOR)
NOMBRE: LILIANA QUIROGA SEPÚLVEDA
Protectó: Alejandor Frasser

INFORME SEMANAL DE INTERVENTORÍA

FECHA DE ELABORACION	23 de noviembre 2024	PERIODO No.	3	DEL	18/11/2024	AL	123/11/2024

1. INFORMACIÓN GENERAL

LOCALIZACIÓN DEL PROYECTO	MUNICIPIO EL CARMEN DE BOLIVAR - DEPARTAMENTO DE BOLIVAR, SEDE ICA CARMEN DE BOLIVAR, cordenadas (N 9° 42' 51,15078" W 75° 6' 26,4546").

CONTRATO DE INTERVENTORÍA			CONTRATO DE OBRA		
CONTRATO No.:	GGC-104-2024		CONTRATO No.:	GGC-089-2024	
OBJETO DEL CONTRATO	"INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"		OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"	
CONTRATISTA	EQUILATERO ARQUITECTURA E INGENIRIA S.A.S		CONTRATISTA	GESTIÓN RURAL Y URBANA S.A.	
PLAZO INICIAL:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024		PLAZO INICIAL:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024	
PLAZO ACTUALIZADO:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024		PLAZO ACTUALIZADO:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024	
FECHA DE INICIACIÓN:	1 de noviembre de 2024		FECHA DE INICIACIÓN:	2 de noviembre de 2024	
**FECHA DE SUSPENSIÓN:	N/A		**FECHA DE SUSPENSIÓN:	N/A	
**FECHA DE REINICIACIÓN:	N/A		**FECHA DE REINICIACIÓN:	N/A	
FECHA DE TERMINACIÓN:	29 de diciembre de 2024		FECHA DE TERMINACIÓN:	31 de diciembre de 2024	
PLAZO ACTUALIZADO (DIAS) :	59		PLAZO ACTUALIZADO (DIAS) :	59	
PLAZO TRANSCURRIDO:	22	EQUIVALE AL 37%	PLAZO TRANSCURRIDO:	22	EQUIVALE AL 37%
VALOR INICIAL :	$ 119.999.406,70		VALOR INICIAL :	$ 1.142.512.709,00	
VALOR ADICION(ES):	$ -		VALOR ADICION(ES):	$ -	
VALOR ACTUALIZADO:	$ 119.999.406,70		VALOR ACTUALIZADO:	$ 1.142.512.709,00	

** Inserte las filas que requiera según el número de suspensiones y reinicios.

2. CONTROL DE PROGRAMACIÓN (%)

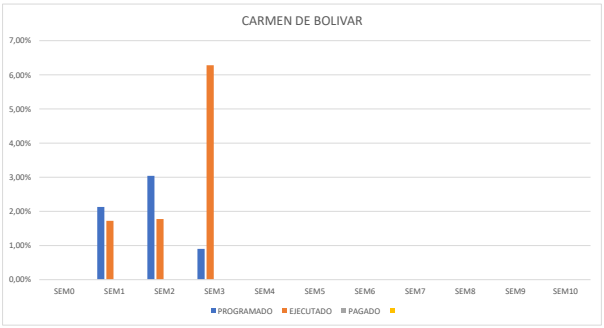
VALOR DEL FRENTE COSTO DIRECTO OBRA OFICINA CARMEN DE BOLIVAR $ 290825857

DESCRIPCION	PORCENTAJE PROGRAMADO	PORCENTAJE EJECUTADO4
AVANCE SEMANAL	0,9016%	6,28%
AVANCE ACUMULADO SEMANA ANTERIOR	3,04%	1,7250%
TOTALES ACUMULADOS	**3,9426%**	**8,00%**

3. CONTROL DE PRESUPUESTO

DESCRIPCION	VALORES PROGRAMADOS	VALORES EJECUTADOS
AVANCE SEMANAL	$ 2.622.224,00	$ 18.250.358,70
AVANCE ACUMULADO SEMANA ANTERIOR	$ 8.768.564,09	$ 5.018.683,40
TOTALES ACUMULADOS	**$ 11.390.788,09**	**$ 23.269.042,10**

3. GRAFICO DE AVANCE



4. ACTIVIDADES DEL CONTRATISTA DE OBRA REALIZADAS EN LA SEMANA

Durante el periodo el contratista realizo las siguentes actividades.

2.0 RETIROS Y DEMOLICIONES

2.4 RETIRO DE INSTALACIONES ELÉCTRICAS Y LUMINARIAS EXISTENTES. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL

INFORME SEMANAL DE INTERVENTORÍA

4.00 INSTALACIONES ELÉCTRICAS

4.15. SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CANALETA METÁLICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACIÓN RETIE. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.

5. ACTIVIDADES POR LA INTERVENTORIA REALIZADAS EN LA SEMANA

La interventoría ha llevado el control técnico, administrativo, jurídico y financiero a la obra que tiene por objeto, ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR.

Realizo control permanente del personal de la obra que ingreso nuevo esta seman, (CUADRILLA ELÉCTRICA) su respectiva seguridad social e implementos de seguridad.

Durante este periodo se lleve a cabo un acompañamiento permante en cada actividad desarrollada, evaluando que el personal denegado para cada trabajo cumpliera acambalidad con todo los requicitos exigidos por la interventotia y hojas de vida aprobadas por esta.

Se realiza comité de obra el dia mates 19 de noviembre de 2024 entre personal del contatista y personal de interventoria, Para tratrar avance de obra y compromisos del comité del dia 12 de noviembre de 2024 los cuales no fueronn entregados a la interventoria en las fechas acordadas, lo cual la interventoria tomara medidas de dicho incumplimient.

El martes 19 de noviembre de 2024 la interventoria suspende la actividad de desmonte de puertas y marcos, debido a que np esta contemplada dentro de lo contratado y ademas se estaba sin previa autorizacion.

La interventoria diligencio formato de bitácora de obra en donde se hace gistro diario de lluvias, de personal laborando en la obra, la cual se realiza diariamente consignando actividades realizadas, solicitudes por parte del contratista y soluciones dadas por la interventoria.

6. RESUMEN EJECUTIVO

LICITACIÓN PÚBLICA No. GC-LP-064-2024,
OBJETO " ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOÍVAR"
ENTIDAD CONTRATANTE
EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA
CONTATISTA.
GESTIÓN RURAL Y URBANA S.A.S
INTERVENTOR
EQUILÁTERO Y ARQUITECTURA E INGENIERIA S.A.S.
PLAZO DE EJECUCION
CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR DEL CONTRARTO
MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
FECHA DE ACTA DE INICIO
DOS (2) DE NOVIEMBRE DE 2024

UBICACION DE LA OBRA
SEDE LOCAL ICA CARMEN DE BOLOVAR, MUNICIPIO EL CARMEN DEPARTAMENTO DE BOLIVAR.

DURANTE LA SAMANA COMPRENDIDA ENTRE EL CINCO (18) AL DIEZ (23) DE NOVIEMBRE DE 2024 EL CONTRATISTA REALIZO LAS SIGUIENTES ACT IVIDADES.

2.0 RETIROS Y DEMOLICIONES.
ITEM 2.4 RETIRO DE INSTALACIONES ELÉCTRICAS Y LUMINARIAS EXISTENTES. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL . AVANCE ACUMULADO 100% .

4.00 INSTALACIONES ELÉCTRICAS
4.15. SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CANALETA METÁLICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUEL ES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACIÓN RETIE. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.

Durante el periodo que comprende el presente informe la Interventoría realizo recorridos de obra identificando junto con el Contratista las dificultades que se presentan en el proyecto. La supervisión y control de las actividades de obra comprende la evaluación y seguimiento de todos los recursos de personal, maquinaria y equipos que provee el Contratista para el cumplimiento de las metas físicas y de inversión contractual, a la fecha el contratistas presenta un avance acumulado de **8,00%** que equivale a un valor en peso de **23.269.042,10** del presupuesto de obra otorgado para el ICA CARMEN DE BOLOIVAR es **$ 290.825.857,00**, de igual manera se informa

7. PERSONAL Y EQIPO DE OBRA

	CARGO	HERRAMIENTAS Y EQUIPOS
MAIRA ANDREA ROMANI SIMANCA	RESIDNTE E OBRA	ANDAMIOS CERTIFICADOS
MARISOL OSORIO TORRES	INSPECTOR SISO	MARTILLOS
OSCAR CASROS CONTRERAS	OFICIAL DE OBRA 1	ESCALERA METALICA
IVAN JOSE CARRASCAL MANJARES	OFICIAL DE OBRA 2	EQUIPO DE TRABAJO EN ALTURAS
ALBERTO CARLOS CASTILLA CONTRERAS	SUPERVISOR DE OBRA	TALADRO CONVENCIONAL
GUILLERMO JOSE SIERRA MANGONES	TECNICO EN ELECTRICIDAD	TALADRO ROTOMARTILLO
NALBER ANTONIO RODRIGUEZ MONTES	TECNICO EN ELECTRICIDAD	HERRAMIENTAS MENORES
MELLER DE JESUS BELTRAN CONEO	AYUDANTE ELECTRICO	

8. PERSONAL DE INTERVENTORIA

Personal	**Cargo**	
RAFAEL SANTOS VILLADIEGO	Residente de Interventoria	
Liliana Quiroga Sepúlveda	Directora	
Ruby Caceres	Profesional HSEQ	

9. REGISTRO FOTOGRAFICO DEL AVANCE DURANTE LA SEMANA (ANTES Y DESPUES)



ANTES



DESPUES

INSTALACION DE CANALETA METALICA 12X5, PARA REDES ELÉCTRICAS



ANTES



DESPUES

DESMONTE DE TABLEROS ELÉCTRICOS



DESMONTE DE TOMA CORRIENTES



DESMONTE DE LAMPARAS



LAMPARAS DESMONTADAS



CABLES ELÉCTRICO DESINTALADOS

DESMONTE DE INSTALACIONES ELÉCTRICAS

10.0 GESTION DE LOS TRAMITES CONTRACTUALES

A la fecha la obra presenta un avance superio al programado con una diferencia de porcentaje del **4,0574%** , debido que se ejecutaron los item 2,2 y 4,15, el cual represntean un buen avance, la interventoria sigue esperando el informe del ejecutor del concepto estructural del estado actual de la cubierta incluido teja y estructura y demás detalles que la visita considere pertinente para iniciar los ajustes que se requieran técnicos financieros y administrativos si en esta entrega es imposible iniciar los trabajos en la cubierta el cual quedo establecido en el comite del dia 12 de noviembre del 2024 que sera entregado el dia 18 de noviembre del 2024 y a la fecha no se reporta la entrega, ademas de que se denbe realizar una reprogramacion de la obra posterior a este informe.

FIRMA INTERVENTOR (DIRECTOR DE INTERVENTORÍA O CONTRATISTA INTERVENTOR)
NOMBRE: LILIANA QUIROGA SEPÚLVEDA
Proyectó: Rafael Diaz

16-Nov-2024 (Sabado). Hr entrada: 7:15 AM
Est. Clima Am: Soleado. Hr. Salida: 5:00 Pm
Personal en obra: Maira Romani (Residente de obra)
Marisol Osorio (Siso)
Ivan Carrascal (Cuñero)
Oscar Castro (Ayudante)
Personal de interventoria: Rafael Domingo Santos Villadiego
- Se realizan trabajos de limpieza del recinto para el inicio de las actividades electricas el dia lunes, los trabajos el dia de hoy terminan a las 10:30 Am
Herramientas usadas: Ht. menores de aseo.

R. Interventoria

R.O.

18-Nov-2024 (Lunes)
Est clima Am: Soleado. Est. Clima pm: Nublado
Personal en obra: Maira Romani (Residente de obra)
Marisol Osorio (Siso)
Personal interventoria: Rafael Domingo Santos villadiego.
- El dia de hoy no se realizan actividades de operativas, Solo trabaja el area administrativa de la obra, adelantando informes y analizando el tema de "No previstos" de obra tales como:
- Anden perimetral 0.70 de ancho x 51 ml aprox: el estado de este está deficiente, con placas fisuradas en un 80%.
- reemplazo de puertas y mantenimiento de ventanas.
- Estuco y pintura de muros.
- Reparaciones locativas del piso, se analizu el retiro de juntas y e instalacion junta nueva.

R. interventoria

R.O

19-Nov-2024 (Martes) comité 2:00 pm.
- Est. Clima Am: Soleado.
- Est. Clima pm: lluvia
- Personal en obra Am: Maira Romani (Residente de obra)
  Marisol Osorio (Siso)
  Personal de interventoria: Rafael Santos Villadiego.
- Personal en obra pm: Guillermo Sierra (tecnico electrico).
  Meller Beltran (tecnico electrico).
  Nalber Rodriguez (Ayudante).
- La interventoria Suspende actividades de desmonte de puertas de oficinas | Ivan Carrascal (Maestro) | Oscar Castro (Ayudante)
porque no están contempladas en el presupuesto. llega el material electrico y se dispone en punto de acopio.
- Se realizo comité de obra virtual programado por la interventoria, temas tratados: · Avance de obra.
  · Se recuerdan temas y compromisos contractuales que no cumplieron su fecha.
  · Se hace retiro de mat electrico existente.

D. Interventoria R.O.

20 - Noviembre - 2024 (Miercoles.) hr entrada: 7Am
hr Salida: 5pm
- Est Clima Am: Nublado.
- Est clima pm: lluvioso.
- Personal en obra Am: Maira Romani (Residente de obra)
  (Guillermo Sierra | Marisol Osorio (Siso).
  Meller Beltral | Ivan Carrascal (Maestro).
  Nalber Rodriguez. | Oscar Castro (Ayudante.
  (electricos)
- Personal interventoria: Rafael Santos Villadiego.
- Se inician Intervencion de trabajos de instalaciones electricas con las canaletas 12x5 metalicas porta cables con pintura electroestaticas en las oficinas 14, 15, 16 y 19 nombradas en el plano levantamiento hecho en obra.

D. Interventoria R.O.

21-Nov-2024 (Jueves). Hora entrada: 7 Am
Est. clima Am: Lluvioso. Hora Salida: 5: pm
Est clima pm: Lluvioso
Personal de obra: Maira Romani (Residente de obra)
Electricos { Guillermo Sierra — Marisol Osorio (Aux Siso)
Melker Beltran — Ivan Carrascal (Maestro)
Nalber Rodriguez. — Oscar Castro (ayudante)
- Se continuan trabajos de instalacion de canaleta metalica 12 x 5 en las oficinas 12, 10, 11 y pasillo 13. nombrados asi por el plano de levantamiento hecho en obra.
Equipos utilizados: taladro, pulidora, escalera, taladro rotomartillo, y herramientas menores.

2. Interventoria

R.O.

22-Noviembre: 2024. (viernes) Hr. entrada: 7 Am
Est. clima: Am Soleado. (Hr. Salida 5 pm
Est. clima pm: Nublado.
Personal de obra: Maira Romani (Residente de obra).
Electricos { Guillermo Sierra — Marisol Osorio (Siso)
Melker Beltran — Ivan Carrascal (Maestro)
Nalber Rodriguez. — Oscar Castro (ayudante).
- instalacion de Canaleta metalica 12 x 5. en las oficinas 9, 8, 6, 7. y pasillo 5. nombrados asi por el plano de levantamiento, hecho en obra.
equipos utilizados, taladro, pulidora, escalera taladro rotomartillo, Herramientas menores y equipo de limpieza.

2. Interventoria

R.O.

23-Noviembre-2024 (Sabado) Hr. entrada: 7:30 Am
- Est. Clima Am: Nublado. Hr Salida: 1:10 pm
- Personal en obra: Maira Romani (Residente de obra)
- Guillermo Sierra | Marisol Osorio (Siso)
- Melker Beltran | Ivan Carrascal (Maestro)
- Nalber Rodriguez. | Oscar Castro (Ayudante)
- Se continuan trabajos de instalacion de cancelleria metalica 12x5 en todo el perimetro de las oficinas, esto suma 190 ml de esta actividad, se adelantan protocolos de aseo para cerrar la semana

R.O.

R. Interventoria

INFORME SEMANAL DE INTERVENTORÍA

FECHA DE ELABORACION	23/11/2024	PERIODO No.	3	DEL	18/11/2024	AL	24/11/2024

1. INFORMACIÓN GENERAL

LOCALIZACIÓN DEL PROYECTO	

CONTRATO DE INTERVENTORÍA				CONTRATO DE OBRA			
CONTRATO No.:	GGC-104-2024			CONTRATO No.:	GGC-089-2024		
OBJETO DEL CONTRATO	"INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"			OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLÍVAR, DEPARTAMENTO DE BOLÍVAR"		
CONTRATISTA	EQUILATERO ARQUITECTURA E INGENIRIA S.A.S			CONTRATISTA	GESTIÓN RURAL Y URBANA S.A.		
PLAZO INICIAL:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO INICIAL:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
PLAZO ACTUALIZADO:	CUATRO (4) MESES SIN SUPERAR EL 29 DE DICIEMBRE DEL 2024			PLAZO ACTUALIZADO:	CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024		
FECHA DE INICIACIÓN:	1 de noviembre de 2024			FECHA DE INICIACIÓN:	2 de noviembre de 2024		
**FECHA DE SUSPENSIÓN:	N/A			**FECHA DE SUSPENSIÓN:	N/A		
**FECHA DE REINICIACIÓN:	N/A			**FECHA DE REINICIACIÓN:	N/A		
FECHA DE TERMINACIÓN:	29 de diciembre de 2024			FECHA DE TERMINACIÓN:	31 de diciembre de 2024		
PLAZO ACTUALIZADO (DIAS) :	59			PLAZO ACTUALIZADO (DIAS) :	59		
PLAZO TRANSCURRIDO:	23	EQUIVALE AL	39%	PLAZO TRANSCURRIDO:	22	EQUIVALE AL	37%
VALOR INICIAL :	$ 119.999.406,70			VALOR INICIAL :	$ 1.142.512.709,00		
VALOR ADICION(ES):	$ -			VALOR ADICION(ES):	$ -		
VALOR ACTUALIZADO:	$ 119.999.406,70			VALOR ACTUALIZADO:	$ 1.142.512.709,00		

** Inserte las filas que requiera según el número de suspensiones y reinicios.

2. CONTROL DE PROGRAMACIÓN (%)

VALOR DEL FRENTE COSTO DIRECTO OBRA OFICINA MAGANGUE $ 572.595.803,00

DESCRIPCION	PORCENTAJE PROGRAMADO	PORCENTAJE EJECUTADO
AVANCE SEMANAL	0,50%	0,25%
AVANCE ACUMULADO SEMANA ANTERIOR	2,83%	1,31%
TOTALES PRESENTE SEMANA	**3,33%**	**1,56%**

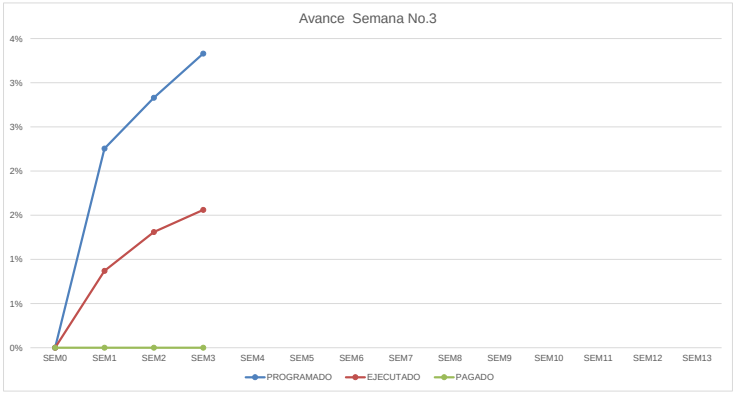
**PORCENTAJES CALCULADOS SOBRE COSTO DIRECTO

3. CONTROL DE PRESUPUESTO

DESCRIPCION	VALORES PROGRAMADOS	VALORES EJECUTADOS
AVANCE SEMANAL	$ 2.894.603,00	$ 1.335.913,22
AVANCE ACUMULADO SEMANA ANTERIOR	$ 16.506.878,56	$ 7.624.296,06
TOTALES PRESENTE SEMANA	**$ 19.401.481,56**	**$ 8.960.209,28**

**PORCENTAJES CALCULADOS SOBRE COSTO DIRECTO

3. GRAFICO DE AVANCE



4. ACTIVIDADES DEL CONTRATISTA DE OBRA REALIZADAS EN LA SEMANA

1. Continúa la excavación manual para cimentación de cerramiento
2. Demolición de mesón de cocina

INFORME SEMANAL DE INTERVENTORÍA

5. ACTIVIDADES POR LA INTERVENTORIA REALIZADAS EN LA SEMANA

La interventoría ha llevado el control técnico, administrativo, jurídico y financiero a la obra que tiene por objeto, ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN MAGANGUE, DEPARTAMENTO DE BOLÍVAR.

Realizo control permanente del personal de la obra que tenga su respectiva seguridad social e implementos de seguridad , se desarrollo la inspeccion de localizacion y replanteo ejecutado por el personal del contratistas, se exigio la entrega de planos del levnatamiento a la interventoria.

Durante este periodo se lleve a cabo un acompañamiento permante en cada actividad desarrollada, evaluando que el personal denegado para cada trabajo cumpliera acabalidad con todo los requicitos exigidos por la interventotia y hojas de vida aprobadas por esta.

La interventoria diligencio formato de bitácora de obra en donde se hace gistro diario de lluvias, de personal laborando en la obra, la cual se realiza diariamente consignando actividades realizadas, solicitudes por parte del contratista y soluciones dadas por la interventoria.

En conjunto con la residente de obra se verifican las cantidades del presupuesto inicial con las encontradas en sitio.

Se solicitó al contratista información sobre la instalacón de la valla informativa, el cuál manifestó que ya está proxima a llegar a obra.

Se informa al contratista que el diseño estructural de la cimentación de cerramiento no está aprobada por la interventoría, por tal motivo la actividad que desarrollan en sitio de figurado de hierro es bajo su propia responsabilidad en caso tal no cumpla con las especificaciones del estudio. El día 21 de noviembre el contratista suspende la actividad de armado de hierro.

6. RESUMEN EJECUTIVO

LICITACIÓN PÚBLICA No. GC-LP-064-2024,
OBJETO " ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"
ENTIDAD CONTRATANTE
EL INSTITUTO COLOMBIANO AGROPECUARIO – ICA
CONTATISTA.
GESTIÓN RURAL Y URBANA S.A.S
INTERVENTOR
EQUILÁTERO Y ARQUITECTURA E INGENIERIA S.A.S.
PLAZO DE EJECUCION
CUATRO (4) MESES O HASTA EL 31 DE DICIEMBRE DE 2024
VALOR DEL CONTRARTO
MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
FECHA DE ACTA DE INICIO
DOS (2) DE NOVIEMBRE DE 2024

UBICACION DE LA OBRA
SEDE LOCAL ICA MAGANGUE, MUNICIPIO DE MAGANGUE DEPARTAMENTO DE BOLIVAR.

DURANTE LA SAMANA COMPRENDIDA ENTRE EL DIECIOCHO(18) AL VEINTICUATRO (24) DE NOVIEMBRE DE 2024 EL CONTRATISTA REALIZO LAS SIGUIENTES ACTIVIDADES.
PRELIMINARES

ITEM 1.3 DEMOLICIÓN MANUAL DE MESÓN EN CONCRETO, AVANCE ACUMULADO 100%

7. PERSONAL Y EQUIPO DE OBRA

Personal	Cargo	Herramientas
Karen Andrea Arias Guerra	Residente de obra	Andamios
Loraines Maria Barrios Campo	Residente Siso	Paladraga
Jorge Ramon Sierra Falco	Oficial	Martillos
Willliam Rafael Sierra Falco	Oficial	Herramienta menores
Aquilo Olea Martinez	Ayudante	

8. PERSONAL DE INTERVENTORIA

Personal	Cargo	
Jennifer Lucia Torregrosa Hernández	Residente de Interventoría	
Liliana Quiroga Sepúlveda	Directora de Interventoría	
Ruby Caceres	Profesional HSEQ	

9. REGISTRO FOTOGRAFICO DEL AVANCE DURANTE LA SEMANA (ANTES Y DESPUES)



EXCAVACIÓN MANUAL



EXCAVACIONES



ARMADO DE HIERRO



ELEMENTOS ARMADOS



MATERIAL DE RELLENO



MATERIAL ACOPIADO EN SITIO



DEMOLICIÓN DE MESÓN COCINETA



MESÓN DEMOLIDO

10.0 GESTION DE LOS TRAMITES CONTRACTUALES

El contrato se encuentra a la espera de la entrega por parte del ejecutor del concepto estructural del estado actual de su cubierta incluido teja y estructura y demás detalles que la visita considere pertinente para iniciar los ajustes que se requieran técnicos financieros y administrativos si en esta entrega es imposible iniciar la atención de estos requerimientos.
El contratista entregó a la interventoria el diseño estructural de cimentación de cerramiento el 19 de noviembre y se encuentra en estudio para su aprobación y dar aval para iniciar actividades con respecto a este item.

FIRMA INTERVENTOR (DIRECTOR DE INTERVENTORÍA O CONTRATISTA INTERVENTOR)
NOMBRE LILIANA QUIROGA SEPÚLVEDA
Proyectó: Jennifer Torregrosa

Martes 19 Nov 2024

Estado del clima: Soleado
Personal de Obra: Residente Interventoria
Residente de obra
Residente SISO
2 oficiales
1 Ayudante

Actividades:
Realizan corte de hierro Para cimentación de Cerramiento y armado de estribos.
El dia de ayer llegó material de relleno.
Hora inicio: 7:00am Hora final: 5:00pm

Res. Interventoria

Res. Obra

Miercoles 20 Noviembre 2024

Estado del clima: Soleado
Personal de obra: Residente interventoria
Residente obra
Residente siso
2 oficiales
1 Ayudante

Actividades:
Continúan las actividades de figurado de hierro. Para la cimentación de cerramiento.

Nota:
A la fecha el diseño estructural de la cimentación no ha sido aprobado Por la interventoria, Por lo cual, esta actividad la realiza el contratista bajo su responsabilidad en caso tal que haya una modificación que disminuya la cuantia NO se recibira o reconocera.

Hora inicio: 7:00am Hora final: 5:00 pm

Res. Interventoria

Res. Obra

Nota adicional 20 noviembre 2024

Se Solicita información al contratista de la instalación de la Valla informativa ya que ha la fecha No se encuentra en obra, este manifiesta que ya está en Proceso de fabricación la estructura metalica y Proxima a llegar a obra.
En el dia de ayer 19 Nov y hoy 20 Nov en compañia de la residente de obra se toman medidas en sitio Para verificar las cantidades de obra.

Res. Interventoria

Res. Obra.

Jueves 21 Noviembre 2024

Estado del clima: Mañana Nublado - Tarde Soleado
Personal de Obra: Residente interventoria
Residente obra
Residente SISO
2 oficiales
1 Ayudante.
Actividades:
Continúan con las actividades de armado de elementos de cimentación para encamiento.

Nota: Se solicita al contratista tener planos impresos en obra.
A las 3:30Pm se suspenden las actividades de armado de hierro por parte del contratista.

Hora Inicio: 7:00am Hora final: 3:30 Pm

Res. Interventoria Res. Obra

Viernes 22 Noviembre 2024

Estado del Clima: Mañana con lluvia leve (20 min) Tarde Soleado
Personal de obra: Residente interventoria
Residente SISO
2 oficiales
1 Ayudante
Actividades
Excavación y limpieza de zanjas para cimentación.
Demolición de mesón de cocineta, llega a obra material de relleno - Recebo común - (balastro) por 7m³.
Hora Inicio: 7:00 am Hora final: 3:30 Pm

Res. Int.

Sábado 23 Noviembre 2024

Estado del clima: Soleado
Personal de obra: Residente Interventoria

Actividades:
No se realizan Actividades sin Personal de obra Por Parte del contratista.

Hora inicio 7:00am Final: 11:30am

Res. Interventoria.

EQUILÁTERO ARQUITECTURA E INGENIERÍA S.A.S
Nit: 901.275.510-1

Bucaramanga, 28 de noviembre del 2024. **INT-ICA-2024-034**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Respuesta oficio GRU-GGC-089-2024-16-24 (Planta eléctrica).

Respetado Ingeniero,

En alcance a su comunicado y en cumplimiento de nuestras obligaciones, nos permitimos informar que la ficha técnica ABC Power Solutions, la consideramos la más viable para el cumplimiento de las especificaciones técnicas que se le requieren. Si bien es cierto, que los equipos según sus fichas técnicas son muy similares; la experiencia con los equipos ABC Power Solutions ha sido satisfactoria. Sin embargo, es importante saber el tiempo de entrega que brindan los proveedores, teniendo en cuenta la época del año y el plazo de su contrato.

Finalmente, en relación con la obra civil para la planta, no hay una normatividad que exija unas dimensiones; sin embargo, por buenas prácticas, siempre se recomienda dejar por lo menos 1 m perimetral para realizar mantenimiento; es decir, si la planta tiene 1.5 x 3 m, requiere un área total de 3.5 x 5 m, además se requiere un cárcamo para manejo de posibles líquidos, trampa de grasas, cubierta, junto los elementos eléctricos para garantizar el correcto funcionamiento y suministro del equipo.

Quedamos atentos a los comentarios.

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
CC Supervisión

Bucaramanga, 28 de noviembre del 2024. **INT-ICA-2024-035**

Arquitecto
VICTOR CAMILO CLAVIJO MORENO
INSTITUTO COLOMBIANO AGROPECUARIO - ICA
Bogotá D.C.

Atn. **ING. KATHERINE PATIÑO**
Apoyo a la supervisión

REFERENCIA: CONTRATO N° GGC-104- 2024 – "INTERVENTORÍA PARA LA ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: Ampliación y actualización comunicado **INT-ICA-2024-033**

Cordial saludo,

Mediante la presente me permito remitir actualización del comunicado del asunto, que atiende las observaciones recibidas en el comunicado **20242126793**, que es el siguiente a fecha de elaboración del comunicado:

OBLIGACIÓN	RESPUESTA DE LA INTERVENTORIA
Presentar al interventor del contrato dentro en un término máximo de cinco (5) días hábiles, contados a partir de la suscripción del contrato y previo a la suscripción del acta de inicio, el Análisis de Precios Unitarios (APU), en el cual se deberá discriminar como mínimo la cantidad y costo de materiales con su respectivo desperdicio, herramientas, equipos, mano de obra y transporte de materiales en general, requeridos para el desarrollo de cada una de las actividades que conforman el cuadro de presupuesto, los cuales deben cumplir con lo siguiente: i). Materiales y desperdicio: Los necesarios (especificar); ii). Herramientas y equipo: Los necesarios (especificar); iii). Mano de Obra: Cuadrilla o cuadrillas requeridas.	Se entrega en anexo #1 cuadro de cuadrillas
Presentar cronograma detallado de obra a realizar por capítulos, a partir de los planos, documentos técnicos, las condiciones del sitio, utilizando una aplicación software tipo Project o similar en un diagrama de barra, discriminando en semanas, con el plazo máximo de ejecución establecido por la entidad y dentro de los parámetros propuestos; deberá incluir: la secuencia y duración de cada una de las actividades,	Se entrega en anexo #2 programación actualizada y firmada

indicadas en el formato de cantidades de la propuesta económica, ruta crítica, programación de los trabajos que incluya todas las actividades (capítulos, subcapítulos y los ítems en su totalidad) y programa detallado de personal por actividades. El cronograma de obra se entregará al interventor dentro en un término máximo de cinco (5) días hábiles, contados a partir de la suscripción del contrato previa suscripción del acta de inicio, para que posteriormente sea entregado y aprobado por parte de la interventoría.	
Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda su vigencia en el porcentaje mínimo establecido en este numeral, so pena del incumplimiento contractual. El Supervisor hará el seguimiento y verificará que las personas vinculadas al inicio y durante la ejecución del contrato pertenezcan a los grupos poblacionales enunciados anteriormente. Para estos efectos, el contratista presentará la documentación respectiva que acredite la condición de los sujetos mencionados y la forma en la que participarán durante la ejecución del contrato. El cumplimiento de esta obligación deberá probarse ante al supervisor y/o interventor dentro de los tres (3) días hábiles siguientes contados a partir de la firma del acta de inicio. Para la acreditación de la condición de mujer cabeza de familia, personas en condición de discapacidad, adultos mayores, población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, personas en proceso de reintegración o reincorporación, se aplicará en lo pertinente lo dispuesto en el artículo 2.2.1.2.4.2.17 del Decreto 1082 de 2015 o la norma que lo modifique, complemente o sustituya. Por su parte, la condición de población en pobreza extrema se constatará en las bases de datos del Sistema de Identificación de Potenciales Beneficiarios de Programas	Se entrega en anexo #3 documentos que validan la atención de la obligación.

Sociales (Sisbén IV) y la condición de víctima de conflicto armado y de desplazados por la violencia deberá demostrarse con el certificado de inclusión en el Registro Único de Víctimas – RUV, en los términos del Decreto 1084 de 2015 o la norma que lo modifique, complemente o sustituya. La condición de los sujetos de especial protección constitucional que no se encuentre definida en esta cláusula deberá ser acreditada por el contratista de conformidad con lo determinado por la ley y la jurisprudencia en ausencia de norma aplicable.	
Presentar informe de cubierta donde se muestre el levantamiento actual de la estructura y se identifique si es necesario o no realizar un reforzamiento estructural. Este informe se deberá entregar al interventor dentro en un término máximo de cinco (5) días hábiles contados a partir de la suscripción del acta de inicio. El informe deberá cumplir con los requisitos exigidos en el ANEXO No. 01 – ANEXO TÉCNICO.	El contratista a la fecha de elaboración del presente comunicado ha remitido dos informes, sin embargo, ninguna de las presentaciones ha podido ser aprobada y en campo se estableció plazo final para el 06/12/24, bajo compromiso de inicio de otras actividades, especialmente en el frente de Magangué. En el numeral 18. Se expone se debe contar con todos los recursos para cumplir con el programa de obra aprobado, y cuando el contratista se atrase, el interventor le puede exigir por escrito un plan de contingencia en el que tome todas las acciones para nivelar sus diferencias, sin costo adicional para el ICA.
Presentar al interventor del contrato el listado del personal que laborará en el proyecto, la cual deberá contener: Nombre, cedula de ciudadanía, cargo; también debe aportar las certificaciones de afiliación y de pago mes a mes de la seguridad social y durante el periodo del contrato (Pensión, EPS y ARL). Toda persona que labore dentro del proyecto debe estar vinculada a la empresa	N/A
Entregar al interventor las memorias de cálculo, los planos de diseño y los planos récord de obra el cual deberá ser adjunto al informe final y necesarios para la suscripción del acta de recibo.	El contratista a la fecha de elaboración del presente comunicado ha remitido un informe, sin embargo, la presentación no fue aprobada.
Efectuar la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).	A fecha de elaboración del presente comunicado, ya se realizó la socialización de Magangué (Ver anexo #4).
Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).	Se entrega en anexo #5 Carta de compromiso de cumplimiento como contratista.

OBLIGACIÓN	RESPUESTA DE LA INTERVENTORIA
Proveer suficiente personal, herramienta, equipo y trabajar con los turnos necesarios para que el trabajo se realice de acuerdo con el programa de obra aprobado, cuando el contratista se atrase con respecto al programa de obra, el interventor le puede exigir por escrito un plan de contingencia en el que aumente el número de turnos y/o la jornada de trabajo, sin costo adicional para el ICA.	A fecha de elaboración del presente comunicado, la interventoría solicitud de remisión de plan de contingencia, pues si bien es cierto en los frentes hay personal de la obra, no tiene la autorización de ejecución de actividades en cubierta y cerramiento que representan la ruta crítica de los frentes, por lo tanto, debe redirigir sus ejecuciones.
Llevar una memoria diaria o bitácora de obra de todos los acontecimientos, sucesos y decisiones tomadas en la ejecución de la obra, registrarse la visita de funcionarios que tengan que ver con el proyecto, y demás acontecimientos, debe permitir la comprensión general de la obra y desarrollo de las actividades de acuerdo con el cronograma de ejecución aprobado. Debe firmarse por el residente de obra y la interventoría del contrato. Esta bitácora deberá ser entregada previa suscripción del acta de recibo.	N/A
Realizar y mantener actualizado el balance de obra, el cual debe contener las actividades, cantidades y valores de las condiciones de obra contratadas, condiciones actualizadas, mayores y menores cantidades de obra y cantidades finales ejecutadas; documento que tiene por objeto el control de los recursos contractuales. Éste deberá ser presentado a la interventoría con cada corte de obra o cuando esta lo requiera	Con la comisión a realizar en la semana 25 al 29 de noviembre de 2024, se espera el cierre de cualquier pendiente técnico y se podría realizar el ejercicio desde el comité del 03 de diciembre de 2024.

CONTRATO GGC-184-2024

OBLIGACIÓN	RESPUESTA DE LA INTERVENTORIA
Conocer las obligaciones a cargo del Contratista de obra, del Interventor y de la Entidad Contratante; los riesgos que asume cada parte dentro del contrato y verificar que se cumplan los objetivos generales y específicos de los mismos	A fecha de elaboración del presente comunicado, la interventoría solicitud de remisión de plan de contingencia, pues si bien es cierto en los frentes hay personal de la obra, no tiene la autorización de ejecución de actividades en cubierta y cerramiento que representan la ruta crítica de los frentes, por lo tanto, debe redirigir sus ejecuciones.
Conocer a cabalidad todos los documentos referentes al proceso del contratista de obra, los estudios previos, el anexo	

1 - anexo técnico, el pliego de condiciones, la propuesta, y demás documentos que hacen parte del proceso de selección, para realizar el seguimiento, vigilancia y control de forma eficiente	
Exigir al contratista la documentación requerida una vez se adjudique el contrato para su respectiva revisión y aprobación: documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma de trabajo, Plan de Manejo Ambiental, y seguridad y salud en el trabajo, cuadro de cuadrillas, informe de cubierta detallado, y plan detallado de trabajo	N/A
Realizar la aprobación y velar por el cumplimiento del Plan de Manejo Ambiental de Obra y el Sistema de Gestión, Seguridad y Salud en el Trabajo (SG SST), elaborado por el contratista de obra	Se entrega en anexo #6 el documento definitivo.
Ante la evidencia de un posible incumplimiento, el interventor, informará de inmediato o a más tardar al día hábil siguiente de la ocurrencia, a través de informe técnico detallado, al ordenador del gasto, para que inicie las acciones correspondientes, contando para ello con el apoyo de quien cumple con el rol jurídico de la empresa y de la dependencia de la entidad	La interventoría remitió el oficio INT-ICA-2024-031 al ejecutor, que fue copiado a la entidad, además solicitó plan de contingencia ante la devolución del informe del estado actual y atención de las cubiertas, junto con el atraso en el frente Magangué que si bien a la fecha no es significativo viene presentando una tendencia al alza.
Efectuar la verificación del aporte mínimo dentro del rango de cinco por ciento (5 %) al diez por ciento (10%) que el Contratista incorpore en la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera	La interventoría ya había enviado los soportes de las solicitudes, sin embargo, en el presente informe se presentan los documentos del ejecutor.

Analizar el avance contractual de los trabajos, con el fin de prever, con la suficiente anticipación, eventuales incumplimientos de plazos y sub-plazos, que hagan necesaria la toma de medidas con el contratista para prevenirlos, o para efectos de advertir y sugerir al Instituto Colombiano Agropecuario - ICA la imposición de las sanciones contractuales correspondientes.	La interventoría solicitó un plan de contingencia para mitigar los atrasos que se vienen presentando. Se realizó comisión donde se aclararon temas pendientes. En el frente del Carmen los porcentajes de avance cumplen con lo programado, sin embargo, el frente de Magangué los avances son menores pese a tener actividades por realizar. Se solicitó plan de contingencia para mitigar los atrasos.
Requerir a los contratistas cuando incumplan obligaciones contractuales, informar de ello por escrito al Instituto Colombiano Agropecuario - ICA y, de resultar pertinente, avisar a la aseguradora.	Se envió el requerimiento por presunto incumplimiento de las obligaciones contractuales (oficio INT-ICA-2024-031) al ejecutor

Cordialmente,

JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
ANEXOS: Ciento nueve (109) Folios

ANEXO #1

ANALISIS DE CUADRILLAS - 2024

SALARIO MINIMO + AUX. TRANSPORTE	$	1.300.000,00
S.M. + PRESTACIONES	$	1.836.048,00

	TRABAJADOR	COSTO MES	COSTO JORNAL	COST. JORNAL+PREST.
CC1	AYUDANTE	$ 1.300.000,00	$ 43.333,33	$ 62.264,93
CC2	OFICIAL	$ 1.740.000,00	$ 58.000,00	$ 93.397,40
CC3	MAESTRO	$ 2.320.000,00	$ 77.333,33	$ 124.529,87
CC4	PLOMERO	$ 2.320.000,00	$ 77.333,33	$ 124.529,87
CC5	TECNICO ELECTRICISTA	$ 2.320.000,00	$ 77.333,33	$ 124.529,87
CC7	TECNICO	$ 2.320.000,00	$ 77.333,33	$ 124.529,87
CC6	COMISION TOPOGRAFÍA (Inc. Topografo y Cadenero)	$ 11.100.000,00	$ 370.000,00	$ 595.811,00

	CUADRILLAS ALBAÑILERÍA	COSTO MES	COSTO JORNAL	COST. JORNAL+PREST.
cc8	CUADRILLAS ALBAÑILERÍA 0-1	$ 1.300.000,00	$ 43.333,33	$ 62.264,93
cc9	CUADRILLAS ALBAÑILERÍA 0-2	$ 2.320.000,00	$ 77.333,33	$ 124.529,87
:c10	CUADRILLAS ALBAÑILERÍA 0-3	$ 3.480.000,00	$ 116.000,00	$ 186.794,80
:c11	CUADRILLAS ALBAÑILERÍA 1-1	$ 2.900.000,00	$ 96.666,67	$ 155.662,33
:c12	CUADRILLAS ALBAÑILERÍA 1-2	$ 4.060.000,00	$ 135.333,33	$ 217.927,27
:c13	CUADRILLAS ALBAÑILERÍA 1-3	$ 5.220.000,00	$ 174.000,00	$ 280.192,20
:c14	CUADRILLAS ALBAÑILERÍA 1-4	$ 6.380.000,00	$ 212.666,67	$ 342.457,13
:c15	CUADRILLAS ALBAÑILERÍA 2-1	$ 4.640.000,00	$ 154.666,67	$ 249.059,73
:c16	CUADRILLAS ALBAÑILERÍA 2-2	$ 5.800.000,00	$ 193.333,33	$ 311.324,67
:c17	CUADRILLAS ALBAÑILERÍA 2-3	$ 6.960.000,00	$ 232.000,00	$ 373.589,60
:c18	CUADRILLAS ALBAÑILERÍA 2-4	$ 8.120.000,00	$ 270.666,67	$ 435.854,53
:c19	CUADRILLA CARPINTERIA 1-1	$ 3.596.850,00	$ 119.895,00	$ 193.066,92
				$ -
				$ -

	CUADRILLAS TÉCNICAS (PLOMERÍA Y ELECTRICIDAD Y ORNAMENTACION)	MES	DIA	COST. JORNAL+PREST.
:C20	CUADRILLAS TÉCNICAS 0-1	$ 1.836.048,00	$ 61.201,60	$ 98.552,94
:C21	CUADRILLAS TÉCNICAS 0-2	$ 3.672.096,00	$ 122.403,20	$ 197.105,87
:C22	CUADRILLAS TÉCNICAS 0-3	$ 5.508.144,00	$ 183.604,80	$ 295.658,81
:C23	CUADRILLAS TÉCNICAS 1-1	$ 4.156.048,00	$ 138.534,93	$ 223.082,80
:C24	CUADRILLAS TÉCNICAS 1-2	$ 5.992.096,00	$ 199.736,53	$ 321.635,74
:C25	CUADRILLAS TÉCNICAS 1-3	$ 7.828.144,00	$ 260.938,13	$ 420.188,68
:C26	CUADRILLAS TÉCNICAS 2-1	$ 6.476.048,00	$ 215.868,27	$ 347.612,67
:C27	CUADRILLAS TÉCNICAS 2-2	$ 8.312.096,00	$ 277.069,87	$ 446.165,61
:C28	CUADRILLAS TÉCNICAS 2-3	$ 10.148.144,00	$ 338.271,47	$ 544.718,54
:C29	CUADRILLAS TÉCNICAS 2-4	$ 11.984.192,00	$ 399.473,07	$ 643.271,48
:C30	CUADRILLAS TÉCNICAS 2-5	$ 13.820.240,00	$ 460.674,67	$ 741.824,42
:C31	CUADRILLAS TÉCNICAS 2-6	$ 15.656.288,00	$ 521.876,27	$ 840.377,35

PLAN DE TRABAJO DETALLDO

OBJETO DEL CONTRATO:

“ADECUACIÓN DE LA OFICINA LOCAL ICA EL CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”

CONTRATISTA DE OBRA

GESTION RURAL Y URBANA S.A.S.

INTERVENTORÍA

EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

ICA

EL CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR

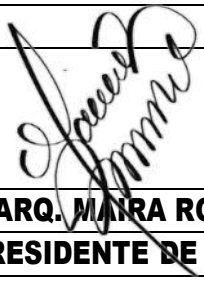
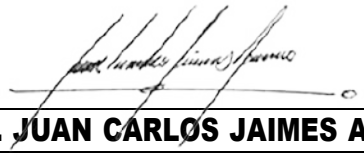
ELABORÓ	APROBÓ
	
ARQ. MAIRA ROMANI	ARQ. JUAN CARLOS JAIMES ACERO
RESIDENTE DE OBRA	REPRESENTANTE LEGAL
GESTIÓN RURAL Y URBANA S.A.S	EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

TABLA DE CONTENIDO

1. INTRODUCCION ---------- 4
2. DATOS CONTRACTUALES ---------- 5
3. DESCRIPCION DEL PROYECTO ---------- 6
4. ACTIVIDADES A DESARROLLAR ---------- 7
5. ALCANCE, DURACION Y COSTO TOTAL ---------- 11
6. ESTADO DE LA INFRAESTRUCTURA ---------- 11
7. RECOMENDACIONES ---------- 12
8. ANEXOS ---------- 13
   8.1 ANEXOS FOTOGRAFICOS ---------- 14

1. INTRODUCCIÓN

El instituto Colombiano Agropecuario (ICA), celebró con la empresa GESTIÓN RURAL Y URBANA SAS, en adelante GRUSAS, el Contrato GGC-089-2024, cuyo objeto es: "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR", el cual se ejecuta en el municipio del Carmen de bolivar como una de las dos frentes de trabajo, se dio inicio a la ejecución de la misma el 01 de noviembre del presente año y tiene como fecha de entrega final el 31 de diciembre de este mismo.

Dentro de las actividades previstas contempladas se encuentra el arreglo parcial de la cubierta de la edificación ya que la estructura actual de esta y la configuración de esta armadura puede sujetar la nueva cubierta, el tecnicismo de este concepto está bajo supervisión del ingeniero estructural.

Con el objetivo de dar cumplimiento a las condiciones contractuales suscritas, GRUSAS presenta el Plan de Trabajo, dando cumplimiento a las obligaciones contractuales requeridas en los documentos del proceso y en la minuta del contrato (Estudios previos, pliego de condiciones, anexo técnico, etc.) en donde se registra el estado actual de las instalaciones y las necesidades ya evidenciadas por el ICA, en consecuencia, se determinan las actividades a ejecutar en el desarrollo del contrato.

2. DATOS CONTRACTUALES:

Tabla 1 Datos contractuales

No. CONTRATO	**CONTRATO GGC-089-2024**
OBJETO DEL CONTRATO	**"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"**
CONTRATISTA	**GESTION RURAL Y URBANA S.A.S**
NIT	**830.128.894-1**
DIRECCION	**Carrera 32 No. 25B – 44**
CORREO ELECTRÓNICO	**gerencia@gru.com.co**
TELEFONO	**601 244 17 34**
REPRESENTANTE LEGAL	**Ing. Gildardo Castillo Sánchez**
DIRECTOR DE OBRA	**Ing. Javier Felipe Castillo**
CELULAR	**3148517318**
INTERVENTORÍA	**EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S**
PLAZO INICIAL	**Cuatro (4) meses**
VALOR INICIAL	**MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)**

3. DESCRIPCIÓN DEL PROYECTO

LOCALIZACIÓN:

El proyecto se encuentra ubicado en el Carmen de bolivar, al inicio la ruta del sol sector 3, del departamento de Bolívar

EL CARMEN DE BOLIVAR



Ilustración 2 Localización del proyecto en el Carmen de Bolívar (imagen tomada de Google Earth)

Las instalaciones del ICA en el Carmen de Bolívar comparten recinto con la corporación AGROSAVIA, esta determinante debe tenerse en cuenta ya que esta activa en personal, actividad laboral y comparten algunos espacios.

4. ACTIVIDADES A DESARROLLAR

El Carmen de bolivar

Tabla 3 Presupuesto y cantidades frente de obra Magangué

ITEM	DESCRIPCION	UND.	CANT
1,00	PRELIMINARES		
1.1	INSTALACIÓN DE CERRAMIENTO PROVISIONAL EN TELA VERDE POLIETILENO DE ALTA DENSIDAD Y RESISTENCIA 65 GR/M2 CON UNA ALTURA DE 2,10 M, ESTACONES DE MADERA COMÚN PARA FIJACIÓN VERTICAL DE ALTURA DE 2,50 M PUESTO MÍNIMO CADA 2,0 M, ELEMENTOS DE FIJACIÓN, INCLUYE: SUMINISTRO, TRANSPORTE, INSTALACIÓN, EXCAVACIÓN, CONCRETO DE FUNDACIÓN PREPARADO EN OBRA DE 17 MPA - 2500 PSI, DIÁMETRO APROXIMADO 0,20 M Y PROFUNDIDAD APROXIMADA 0,30 M, CABLE O ALAMBRE TENSOR PARTE INFERIOR Y SUPERIOR HORIZONTAL, MANTENIMIENTO, DESMONTE Y TODOS LOS DEMÁS ELEMENTOS NECESARIOS PARA SU CORRECTA INSTALACIÓN Y OPERACIÓN.	M	42,00
1.2	LOCALIZACIÓN, TRAZADO Y REPLANTEO. SE UTILIZARÁ PERSONAL EXPERTO CON EQUIPO DE PRECISIÓN. TODOS LOS DEMÁS MATERIALES, ELEMENTOS, EQUIPOS, SEGUROS DE EQUIPOS, INSTALACIONES, COMBUSTIBLES, LUBRICANTES, ENERGÍA, TRANSPORTE, MANO DE OBRA, NECESARIOS PARA UNA CORRECTA EJECUCIÓN DE LOS TRABAJOS. SE HARÁN LOS CHEQUEOS O REVISIONES NECESARIOS, CON LA FRECUENCIA QUE INDIQUE LA INTERVENTORÍA. INCLUYE ELABORACIÓN DE PLANOS.	DÍA	1,00
2,00	RETIROS Y DEMOLICIONES		
2.1	DESMONTE DE TEJA DE ASBESTO CEMENTO EXISTENTE. LA MANO DE OBRA INCLUYE LOS ELEMENTOS REQUERIDOS DE PROTECCIÓN PARA EL MANEJO DE ESTA TEJA. INCLUYE MANEJO ESPECIAL, CARGUE, TRANSPORTE Y BOTADA ESPECIAL AL SITIO PERMITIDO DE MANEJO DE ESTOS ELEMENTOS.	M2	376,00
2.2	DESMONTE DE ESTRUCTURA DE CUBIERTA EXISTENTE. INCLUYE MANO DE OBRA DE DESINSTALACIÓN, CARGUE, TRANSPORTE Y BOTADA CON DERECHO A BOTADERO	M2	376,00
2.3	DESMONTE DE CIELO RASO EN MADERA. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	M2	376,00
2.4	RETIRO DE INSTALACIONES ELÉCTRICAS Y LUMINARIAS EXISTENTES. INCLUYE CARGUE, TRANSPORTE Y BOTADA Y/O TRANSPORTE AL SITIO DE DISPOSICIÓN FINAL	GL	1,00
2.5	RETIRO DE CIELO RASO EN SUPERBOARD. INCLUYE CARGUE, TRANSPORTE Y BOTADA EN LOS SITIOS OFICIALES, ADEMÁS DEL DERECHO AL BOTADERO	M2	64,00
2.6	DESMONTE DE ESCRITORIOS Y SILLAS.INCLUYE MOVERLOS O TRASLADARLOS A SITIO DE ACOPIO DEBIDAMENTE ENVUELTOS EN PLÁSTICO	UND	10,00
2.7	DESMONTE Y REINSTALACIÓN DE ARCHIVADORES, CONSISTE EN LA REUBICACIÓN DE LOS ARCHIVADORES EN EL ÁREA DOCUMENTAL, ESTO CON EL FIN DE REDISTRIBUIR EL ESPCIO ACORDE CON EL ACUERDO 049 DE 2000 REPOSITORÍO NORMATIVO ARCHIVO GERENERAL DE LA NACIÓN.INCLUYE RESANE DE PISOS.	M2	50,01
2.8	DEMOLICIÓN MAMPOSTERÍA CON UN ESPESOR HASTA 25CM. INCLUYE CARGUE, TRANSPORTE Y BOTADA DE ESCOMBROS EN BOTADEROS OFICIALES, DEMOLICIÓN DE REVOQUES Y DE ENCHAPES APLICADOS EN EL MURO A DEMOLER E INSTALACIONES EMBEBIDAS, ADEMÁS RECUPERACIÓN DE LOS MATERIALES APROVECHABLES O SU TRANSPORTE HASTA EL SITIO QUE LO INDIQUE LA INTERVENTORÍA; SE DEBE UTILIZAR CORTADORA PARA GARANTIZAR QUE LOS FILETES DE LA DEMOLICIÓN QUEDEN ORTOGONALES	M2	15,00
3,00	CUBIERTA		

3.1	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CUBIERTA (TEJA TERMOACÚSTICA KINGROOF ECO - PANEL TIPO SANDWICH CON AISLANTE EN POLISOCIANURATO PIR SAFE E:30MM BLANCO O VERDE, CALIBRE 28, LÁMINA INTERNA FOIL VINIL COLOR NATURAL O SIMILAR CON LAS MISMAS CARACTERISTICAS O MEJORES). INCLUYE LOS CABALLETES Y REMATES REQUERIDOS, ADEMÁS DE LOS ACCESORIOS PARA SU DEBIDA INSTALACIÓN, Y RECUBRIMIENTO DE COLOR.	M2	37A147:F152
3.2	CONSTRUCCIÓN Y MONTAJE DE ESTRUCTURA METÁLICA CON PERFILERIA TIPO PERFILERIA TIPO IPE, HEA, PHR-C, PTE PARA ELEMENTOS DE CUBIERTA, FACHADA, RAMPAS O ÁREAS DE CIRCULACIÓN METÁLICAS, SEGÚN PLANO. INCLUYE: SUMINISTRO Y TRANSPORTE DE LÁMINAS, PLATINAS, UNIONES, SOLDADURAS DE ACABADO O PRESENTACIÓN, ANCLAJES Y PERNOS A ESTRUCTURA DE CONCRETO Y MADERA. INCLUYE ENSAYOS A SOLDADURAS, OBRA FALSA Y TODO EL EQUIPO Y LA HERRAMIENTA NECESARIA PARA EL MONTAJE.	KG	6008,68
3.3	SUMINISTRO, TRANSPORTE E INSTALACION DE CANAL PVC TIPO AMAZONAS O SIMILAR PARA AGUAS LLUVIAS CON MEDIDAS APROXIMADAS DE ANCHO 162,3MM POR ALTURAS DE 142,3MM (PARTE ALTA) Y 94,9MM (PARTE BAJA) CON LAS RESPECTIVAS UNIONES, TAPAS EXTERIORES Y UNIONES A LAS BAJANTES. INCLUYE ELEMENTOS PARA FIJACIÓN A CUBIERTA Y TODOS LOS DEMÁS REQUERIDOS PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO	M	50,00
3.4	SUMINISTRO, TRANSPORTE E INSTALACIÓN BAJANTE PVC TIPO RAINMAX DE DIMENSIONES APROXIMADAS DE 100MMX100MM CON LAS RESPECTIVAS UNIONES, CODOS Y SOPORTES PARA SU FIJACIÓN. INCLUYE TODOS LOS DEMÁS ACCESORIOS Y ELEMENTOS PARA SU DEBIDA INSTALACIÓN.	M	44,20
3.5	SUMINISTRO, TRANSPORTE Y COLOCACIÓN DE CIELO RASO CONTINUO EN PVC BLANCO RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS ACCESORIOS NECESARIOS PARA SU CORRECTA INSTALACIÓN, Y LAS PERFORACIONES Y RESANE	M2	30,00
3.6	SUMINISTRO, TRANSPORTE Y COLOCACIÓN DE CIELO RASO CONTINUO EN PLACA DE YESO RH 1/2" RESISTENTE A LA HUMEDAD, INCLUYE ESTRUCTURA METÁLICA DE ACERO GALVANIZADO, TORNILLOS Y ANCLAJES NECESARIOS PARA SU CORRECTO FUNCIONAMIENTO, LA TOTALIDAD DE LOS ACCESORIOS NECESARIOS PARA SU CORRECTA INSTALACIÓN, Y LAS PERFORACIONES Y RESANE	M2	376,00
4,00	INSTALACIONES ELÉCTRICAS		
4.1	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE UPS TRIFÁSICO DE 10 KVA 208/120V ON LINE, AUTONOMÍA DE 10 MIN A PLANA CARGA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	1,00
4.2	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE LUMINARIA DE EMERGENCIA CERTIFICADA RETIE PARA CUARTOS TÉCNICOS. INCLUYE 1 METRO DE CABLE ENCAUCHETADO 3X18 HF FR LS Y CLAVIJA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	8,00
4.3	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE ILUMINACIÓN EN TUBERÍA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	88,00
4.4	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA EN MURO SOBREPUESTA EN TUBERÍA EMT 3/4", CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	2,00
4.5	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE BLANCA CON POLO A TIERRA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE CABLE 12 AWG TRIPLE FASE AZUL Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	41,00
4.6	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TABLERO TRIFÁSICO DE 18 CIRCUITOS PARA RED REGULADA SIN ESPACIO TOTALIZADOR, INCLUYE PROTECCIONES 12 DE 1X20A.. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	1,00
4.7	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA REGULADA EN CANALETA METÁLICA SOBREPUESTA , TOMA CORRIENTE Y ACCESORIOS PARA FIJACIÓN Y FUNCIONAMIENTO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN.	UND	41,00

4.8	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA DE INTERRUPTOR SENCILLO EN TUBERÍA EMT 3/4", CON CAJA RAWELT 2400, INTERRUPTOR, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	15,00
4.9	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TRANSFORMADOR DE 30 KVA REGULADOR 208/120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
4.10	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE LUMINARIA LED 60X60 40W 120V . INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	44,00
4.11	SUMINISTRO E INSTALACIÓN DE LUMINARIA PANEL LED REDONDO DE 18W 120V. PARA COCINA, BAÑOS CUARTO DE ASEO, PASILLOS. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	36,00
4.12	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE ACOMETIDA TRIFÁSICA A TN1 DESDE TGD 3X1/0+1/0+1/0T, ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	30,00
4.13	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CABLE TRENSADO 3X2 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	180,00
4.14	SUMINISTRO, TRANSPORTE E INSTALACIÓN SALIDA PARA AA EN TUBERÍA EMT 1", CABLE 2X10+12T AWG LIBRE DE HALÓGENOS, CON CAJA RAWELT 5800, TOMA CORRIENTE, INCLUYE CURVAS, Y ACCESORIOS PARA FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	11,00
4.15	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE CANALETA METÁLICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACIÓN RETIE. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	190,00
4.16	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TABLERO TRIFÁSICO DE 30 CIRCUITOS CON ESPACIO PARA TOTALIZADOR INCLUYE TOTALIZADOR DE 100A A 200A, PROTECCIONES SEGÚN DIAGRAMA UNIFILAR, CONEXIÓN DE ACOMETIDA DESDE TRANSFORMADOR. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
4.17	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SENSOR ODC0S-I1W INFRARROJO MONTAJE EN TECHO. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	6,00
4.18	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SALIDA PARA SENSOR INFRARROJO EN TECHO, INCLUYE CABLE, CONECTORES Y ELEMENTOS DE FIJACIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	6,00
4.19	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE SALIDA DE TOMACORRIENTE DOBLE CON POLO A TIERRA GFCI, INCLUYE CANA 2400 ALUMINIO FUNDIDO, CONECTORES Y SOPORTES DE TUBERÍA. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
4.20	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE ACOMETIDA DESDE TN1 HASTA UPS Y TR1 3X6+4+8T, INCLUYE TERMINALES. ADEMÁS, INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	15,00
4.21	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE TUBO EMT DE 2" PARA ACOMETIDA DE TGD A TN1. INCLUYE CURBAS, TERMINALES, UNIONES, Y ELEMENTOS DE SUJECIÓN. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	M	20,00
4.22	SUMINISTRO, TRANSPORTE E INSTALACIÓN DE MEDIDOR ELECTRONICO CALIBRADO TRIFASICO CONTADOR HIKING ESTATICO TRIFA 5 - 100 A, PARA INSTALAR ANTES DEL TABLERO TN1 PARA TENER MEDIDA DE CONSUMO, INCLUYE CAJA DE MEDIDOR. INCLUYE TODOS LAS HERRAMIENTAS, EQUIPOS, INSUMOS Y MANO DE OBRA PARA SU CORRECTA INSTALACIÓN Y FUNCIONAMIENTO.	UND	1,00
5,00	VARIOS		

5.1	ASEO GENERAL TANTO DE LA PARTE INTERNA COMO EXTERNA Y DONDE SE HAYAN REALIZADO ACTIVIDADES PARA PODER EJECUTAR LA OBRA. (INCLUYE RETIRO DE SOBRANTES AL REALIZAR EL ASEO)	M2	361,01

5. ALCANCE, DURACIÓN Y COSTO TOTAL

Se estima que el alcance de esta intervención pueda abarcar el arreglo total de la cubierta en la zona estipulada por el contratante así mismo subsanar la deficiencia de la red eléctrica en esta misma zona ya que no estaban en funcionamiento en su totalidad, las cantidades están contratadas según los requerimientos necesarios para la construcción de estas actividades.

La duración de este contrato tiene un estimado de 2 meses desde la fecha de inicio del mismo, que fue el 01 de noviembre del 2024 y fecha estimada finalización 31 de diciembre del 2024.

Para la sede de El Carmen de Bolívar , se ha asignado un presupuesto total de $290.825.857,00 con un plazo de ejecución de 4 meses contados a partir de la firma del acta de inicio y sujeto al cumplimiento de los requisitos de ejecución. Este plazo está previsto para finalizar el 31 de diciembre de 2024, salvo ajustes en el cronograma que se justifiquen.

6. ESTADO DE LA INFRAESTRUCTURA Y RECOMENDACIONES

Se observa pocos procedimientos de mantenimientos en la edificación, las zonas comunes se encuentran en estado aceptable, mientras que las oficinas no están en óptimas condiciones eléctricas, la cubierta manifiesta deterioro natural.
El estado de la estructura de la misma debe ser determinada por un profesional en el area.

7. RECOMENDACIONES GENERALES.

Las intervenciones deben hacerse en plenitud de las mismas, es por eso que se recomienda el desalojo total del área a intervenir ya que el retiro de la cubierta y la instalación nueva, así como las intervenciones eléctricas requieren de especificaciones de trabajo de sumo cuidado.

Es indispensable que la entidad asuma los requerimientos del contratista tales como el retiro de equipos de Aire Acondicionado y ambas unidades que los conforman, y el retiro de las redes de internet y la unidad de modem.

Se estima que las recomendaciones del ingeniero estructural estarán amarradas a cualquier modificación del presupuesto, es por eso que cualquiera sea su diagnostico debe ser tomado con prioridad y prontitud para la optimización del presupuesto y el tiempo en obra.

8. INFORMES ESPECIALES

ANEXOS

Ver anexo

No. 1 – Anexo 1. APUS – El Carmen de bol.
No. 2 – Anexo 2. Cronograma de actividades.
No. 3 – Anexo 3. Especificaciones Técnica

8.1 ANEXO FOTOGRAFICO

























PLAN DE TRABAJO

OBJETO DEL CONTRATO:

"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ, DEPARTAMENTO DE BOLÍVAR"

CONTRATISTA DE OBRA

GESTION RURAL Y URBANA S.A.S.

INTERVENTORÍA

EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

ICA

MAGANGUÉ, DEPARTAMENTO DE BOLÍVAR

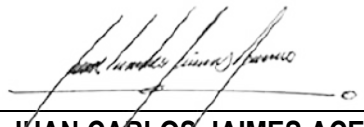
ELABORÓ	APROBÓ
	
ARQ. KAREN ARIAS	ARQ. JUAN CARLOS JAIMES ACERO
RESIDENTE DE OBRA	REPRESENTANTE LEGAL
GESTIÓN RURAL Y URBANA S.A.S	EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

TABLA DE CONTENIDO

1. INTRODUCCIÓN ---------- 3

2 DATOS CONTRACTUALES---------- 4

3 DESCRIPCIÓN DEL PROYECTO---------- 5

4 ACTIVIDADES A DESARROLLAR---------- 6

5 ESTADO DE LA INFRAESTRUCTURA Y RECOMENDACIONES---------- 13

6 REGISTRO FOTOGRAFICO---------- 15

7 INFORMES ESPECIALES---------- 17

1. INTRODUCCIÓN

El instituto Colombiano Agropecuario (ICA), celebró con la empresa GESTIÓN RURAL Y URBANA SAS, en adelante GRUSAS, el Contrato GGC-089-2024, cuyo objeto es: "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR", el cual se ejecuta en los municipios de Magangué.

Con el objetivo de dar cumplimiento a las condiciones contractuales suscritas, GRUSAS presenta el Plan de Trabajo, dando cumplimiento a las obligaciones contractuales requeridas en los documentos del proceso y en la minuta del contrato (Estudios previos, pliego de condiciones, anexo técnico, etc.) en donde se registra el estado actual de las instalaciones y las necesidades ya evidenciadas por el ICA, en consecuencia, se determinan las actividades a ejecutar en el desarrollo del contrato.

2. DATOS CONTRACTUALES:

Tabla 1 Datos contractuales

No. CONTRATO	CONTRATO GGC-089-2024
OBJETO DEL CONTRATO	"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"
CONTRATISTA	GESTION RURAL Y URBANA S.A.S
NIT	830.128.894-1
DIRECCION	Carrera 32 No. 25B – 44
CORREO ELECTRÓNICO	gerencia@gru.com.co
TELEFONO	601 244 17 34
REPRESENTANTE LEGAL	Ing. Gildardo Castillo Sánchez
DIRECTOR DE OBRA	Ing. Javier Felipe Castillo
CELULAR	3148517318
INTERVENTORÍA	EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
PLAZO INICIAL	Cuatro (4) meses
VALOR INICIAL	MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)

3. DESCRIPCIÓN DEL PROYECTO

LOCALIZACIÓN:

El proyecto se desarrolla en los municipios de Magangué, del departamento de Bolívar

MAGANGUE



Ilustración 2 Localización del proyecto en Magangué (imagen tomada de Google Earth)

En la sede ubicada en el municipio de Magangué se intervendrá la totalidad de la misma, incluyendo el cerramiento perimetral contiguo a la carrera 20

4. ACTIVIDADES A DESARROLLAR

MAGANGUÉ

Tabla 3 Presupuesto y cantidades frente de obra Magangué

PRESUPUESTO OFICINA LOCAL MAGANGUÉ					
ITEM	**DESCRIPCION**	**UND.**	**CANT**	**V/UNIT.**	**SUBTOTAL**
1,00	**PRELIMINARES**				**$ 25.969.267,00**
1,1	Localización y replanteo	m2	815,90	$ 3.301,00	$ 2.693.285,90
1,2	Desmonte de ventanas	m2	4,880	$ 11.772,00	$ 57.447,36
1,3	Demolición manual de mesón en concreto	m2	1,80	$ 21.021,00	$ 37.837,80
1,4	Desmonte de aparato sanitario	und	5,00	$ 28.488,00	$ 142.440,00
1,5	Desmonte de lavamanos	und	4,00	$ 17.296,00	$ 69.184,00
1,6	Desmonte de división para baño en acrílico	m2	2,52	$ 4.763,00	$ 12.002,76
1,7	Demolición manual de enchape o pañete (revoque)	m2	49,12	$ 10.425,00	$ 512.076,00
1,8	Desmonte de marcos y puertas	und	13,00	$ 13.585,00	$ 176.605,00
1,9	Desmonte de poceta en acero inoxidable	und	1,00	$ 17.296,00	$ 17.296,00
1,10	Desmonte y reinstalación de archivadores, consiste en la reubicación de los archivadores en el área documental, esto con el fin de redistribuir el espacio acorde con el acuerdo 049 de 2000 Repositorio Normativo Archivo general de la Nación. Incluye resane de pisos.	m2	40,00	$ 1.509,00	$ 60.360,00
1,11	Instalación de CERRAMIENTO PROVISIONAL en tela verde polietileno de alta densidad y resistencia 65 gr/m2 con una altura de 2,10 m, estacones de madera común para fijación vertical de altura de 2,50 m puesto mínimo cada 2,0 m, elementos de fijación, Incluye: suministro, transporte, instalación, excavación, concreto de fundación preparado en Obra de 17 Mpa - 2500 psi, diámetro aproximado 0,20 m y profundidad aproximada 0,30 m, cable o alambre tensor parte inferior y superior horizontal, mantenimiento, desmonte y todos los demás elementos necesarios para su correcta instalación y operación.	m	190,00	$ 22.096,00	$ 4.198.240,00
1,12	Desmonte de canal en lámina ó PVC	m	28,38	$ 4.612,00	$ 130.888,56

1,13	Desmonte de cielo raso	m2	350,00	$ 7.935,00	$ 2.777.250,00
1,14	Desmonte de cortinas, persianas y cortineros.	m2	34,13	$ 10.564,00	$ 360.549,32
1,15	Desmonte de Aire Acondicionado	und	3,00	$ 137.407,00	$ 412.221,00
1,16	Desmonte de cerramiento en alambre de púas con postes de madera	m	90,00	$ 6.645,00	$ 598.050,00
1,17	Retiro y botada de escombros. Incluye cargue, transporte y botada de material.	m3	100,00	$ 39.157,00	$ 3.915.700,00
1,18	Rocería y limpieza manual y/o con equipo, control de maleza y crecimiento de material vegetal (incluye retiro y disposición final)	m2	1.201,18	$ 2.185,00	$ 2.624.578,30
1,19	Desmonte de teja de asbesto cemento existente. La mano de obra incluye los elementos requeridos de protección para el manejo de esta teja. Incluye manejo especial, cargue, transporte y botada especial al sitio permitido de manejo de estos elementos.	m2	381,00	$ 7.046,00	$ 2.684.526,00
1,20	Desmonte de estructura de cubierta existente. Incluye mano de obra de desinstalación, cargue, transporte y botada con derecho a botadero	m2	381,00	$ 6.974,00	$ 2.657.094,00
1,21	Desmonte de escritorios y sillas. Incluye moverlos o trasladarlos a sitio de acopio debidamente envueltos en plástico	und	10,00	$ 19.182,00	$ 191.820,00
1,22	Poda de ramas	und	30,00	$ 49.706,00	$ 1.491.180,00
1,23	Demolición pisos, andenes, cunetas y bordillos de concreto, en cualquier espesor. Incluye: retiro de malla de refuerzo si existe, compresor neumático con martillo, además recuperación de los materiales aprovechables, cargue, transporte hasta el sitio de acopio indicado por la interventoría y botada de escombros	m3	5,00	$ 29.727,00	$ 148.635,00
2,00	**MOVIMIENTO DE TIERRAS**				**$ 6.464.687,73**
2,1	Excavación manual h= 0-2 m. Incluye cargue y retiro.	m3	87,75	$ 51.093,00	$ 4.483.410,75
2.2	Lleno compactado con recebo común	m3	16,54	$ 119.787,00	$ 1.981.276,98
3,00	**CERRAMIENTO**				**$ 117.709.707,00**
3,1	Mantenimiento cerramiento existente en Pintura anticorrosiva y acabado en esmalte para exteriores.	m	90,00	$ 17.363,00	$ 1.562.670,00
3,2	Cerramiento en tubo redondo galvanizado de 2". Incluye pata de anclaje y tapón metálico pintado con Pintura anticorrosiva y acabado en esmalte para exteriores.	m	90,00	$ 718.220,00	$ 64.639.800,00
3,3	Acero para refuerzo	Kg	3.492,00	$ 6.491,00	$ 22.666.572,00
3,4	Concreto de 3000 psi	m3	30,00	$ 718.355,00	$ 21.550.650,00
3,5	Solado en concreto ciclópeo	m3	15,00	$ 486.001,00	$ 7.290.015,00
4,00	**INSTALACIONES HIDRÁULICAS Y SANITARIAS**				**$ 3.519.255,00**
4,1	Tubería cpvc presión Ø= 1/2" (incl. accesorios)	m	60,00	$ 14.159,00	$ 849.540,00
4,2	Tubería PVC presión Ø= 2" (incl. accesorios)	m	20,00	$ 21.220,00	$ 424.400,00

4,3	Tubería PVC sanitaria Ø= 3" (incl. accesorios)	m	20,00	$ 32.453,00	$ 649.060,00
4,4	Punto hidráulico cpvc de 1/2" (3 m)	und	2,00	$ 65.661,00	$ 131.322,00
4,5	Válvula de registro de 1/2" incluye tapa d e registro	und	2,00	$ 39.461,00	$ 78.922,00
4,6	Tubería drenaje mini S p l i t PVC 1" (incl. accesorios)	m	25,00	$ 20.204,00	$ 505.100,00
4,7	Rejilla para piso en PVC 3"x2"	und	2,00	$ 9.168,00	$ 18.336,00
4,8	Tubería PVC Ø= 4" (incl. accesorios)	m	15,00	$ 36.573,00	$ 548.595,00
4,9	Suministro e Instalación de Tubería PVC-s sanitaria Ø= 2" (Incluye accesorios)	m	15,00	$ 20.932,00	$ 313.980,00
5,00	**CUBIERTA**				**$ 161.893.544,00**
5,1	Suministro, transporte e instalación de cubierta (Teja Termoacústica kingroof ECO - panel tipo sándwich con aislante en polisocianurato PIR SAFE e:30mm Blanco o verde, calibre 28, lámina interna Foil Vinil Color natural). Incluye los caballetes y remates requeridos, además de los accesorios para su debida instalación, y recubrimiento de color.	m2	390,00	$ 136.791,00	$ 53.348.490,00
5,2	Construcción y montaje de estructura metálica con perfilería tipo PERFILERIA TIPO IPE, HEA, PHR-C, PTE para elementos de cubierta, fachada, rampas o áreas de circulación metálicas, según diseño. Incluye: suministro y transporte de láminas, platinas, uniones, soldaduras de acabado o presentación, anclajes y pernos a estructura de concreto y madera. Incluye ensayos a soldaduras, obra falsa y todo el equipo y la herramienta necesaria para el montaje.	kg	7262,30	$ 11.950,00	$ 86.784.485,00
5,3	Canal en lámina galvanizada Cal. 20 S= 50 cm	m	30,00	$ 102.625,00	$ 3.078.750,00
5,4	Cielo raso continuo en PVC blanco resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios necesarios para su correcta instalación, y las perforaciones y resane	m2	299,00	$ 62.481,00	$ 18.681.819,00
6,00	**ENHAPES Y ACCESORIOS**				**$ 3.848.936,50**
6,1	Suministro e i n s t a l a c i ó n d e E n c h a p e e n cerámica 30x60 cm	m2	27,90	$ 76.719,00	$ 2.140.460,10
6,2	Suministro e instalación de piso en porcelanato 60x60	m2	12,60	$ 105.794,00	$ 1.333.004,40
6,3	Suministro e instalación de Guarda escoba en porcelanato	ml	15,50	$ 24.224,00	$ 375.472,00
7,00	**BAÑOS**				**$ 10.414.255,00**
7,1	Sanitario Smart elongado color blanco	und	4,00	$ 573.420,00	$ 2.293.680,00
7,2	Lavamanos d e i n c r u s t a r b l a n c o t i p o s a n lorenzo	und	3,00	$ 308.460,00	$ 925.380,00
7,3	Orinal mediano blanco grifería tipo push	und	2,00	$ 663.517,00	$ 1.327.034,00
7,4	Grifería lavamanos mono control ahorradora	und	4,00	$ 189.672,00	$ 758.688,00

7,5	Grifería lavaplatos Mono control	und	1,00	$ 212.523,00	$ 212.523,00
7,6	Dispensador de toallas de papel	und	2,00	$ 90.008,00	$ 180.016,00
7,7	Dispensador de jabón líquido	und	2,00	$ 70.555,00	$ 141.110,00
7,8	Dispensador de papel higiénico	und	2,00	$ 116.410,00	$ 232.820,00
7,9	Barra de Seguridad Horizontal 36" (92 cm) para Discapacitados en acero inoxidable, de sobreponer a la pared, Ref. 30-AA-8736 de A&A, o equivalente	und	2,00	$ 244.318,00	$ 488.636,00
7,10	Espejo Cristal Biselado de 4 mm colocado flotado sobre muro, para baños W.C.	m2	6,00	$ 117.200,00	$ 703.200,00
7,11	Mesón - Lavamanos en QUARZTONE BLANCO POLAR ancho 60 cm, salpicadero 8 cm y frentero de 4 cm para Baño. Incluye fabricación, suministro e Instalación.	m2	4,00	$ 787.792,00	$ 3.151.168,00
8,00	**PAÑETES, ESTUCO Y PINTURA**				**$ 23.772.988,00**
8,1	Estuco acrílico en muros	m2	50,00	$ 15.923,00	$ 796.150,00
8,2	Pañete muro (incl. filos y dilataciones)	m2	50,00	$ 27.522,00	$ 1.376.100,00
8,3	Pintura exterior en Koraza	m2	526,50	$ 33.804,00	$ 17.797.806,00
8,4	Pintura con vinilo en muros	m2	252,00	$ 15.091,00	$ 3.802.932,00
9,00	**CARPINTERÍA DE MADERA**				**$ 7.955.775,45**
9,1	Mueble inferior de cocina h= 90 cm	m	2,15	$ 780.574,00	$ 1.678.234,10
9,2	Mueble superior de cocina h= 60 cm	m	2,15	$ 484.269,00	$ 1.041.178,35
9,3	Puerta en madera entamborada de 0.80 x 2.05 m	und	11,00	$ 476.033,00	$ 5.236.363,00
10,00	**INSTALACIONES ELÉCTRICAS**				**$ 181.881.404,00**
10,1	Suministro e instalación Unidad acondicionadora Mini Split tipo pared 12.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER. Eliminación de bacterias	und	2,00	$ 2.124.225,00	$ 4.248.450,00
10,2	Suministro e instalación Unidad acondicionadora Mini Split tipo pared 24.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER. Eliminación de bacterias	und	2,00	$ 4.982.437,00	$ 9.964.874,00
10,3	Suministro e instalación de UPS Trifásico de 10 KVA 208/120V on line, autonomía de 10 min a plana carga	und	1,00	$ 25.212.819,00	$ 25.212.819,00
10,4	Suministro e instalación de Luminaria de emergencia certificada RETIE para cuartos técnicos. Incluye 1 metro de cable encauchetado 3x18 HF FR LS y clavija.	und	7,00	$ 110.307,00	$ 772.149,00
10,5	Suministro e instalación salida de iluminación en tubería EMT 3/4", con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	und	46,00	$ 202.006,00	$ 9.292.276,00

10,6	Suministro e instalación salida de interruptor triple en tubería EMT 3/4", con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijación. AUDITORIO	und	1,00	$ 198.800,00	$ 198.800,00
10,7	Suministro e instalación salida de tomacorriente doble con polo a tierra en muro sobrepuesta en tubería EMT 3/4", con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	und	8,00	$ 193.168,00	$ 1.545.344,00
10,8	Suministro e instalación salida de tomacorriente doble BLANCA con polo a tierra en CANALETA METALICA sobrepuesta, toma corriente CABLE 12 AWG TRIPLE FASE AZUL y accesorios para fijación Y FUNCIONAMIENTO	und	22,00	$ 109.342,00	$ 2.405.524,00
10,9	Suministro e instalación de tablero Trifásico de 18 circuitos para red regulada sin espacio totalizador, incluye protecciones 12 d e 1x20A.	und	1,00	$ 962.099,00	$ 962.099,00
10,10	Suministro e instalación salida de tomacorriente doble con polo a tierra REGULADA en CANALETA METALICA sobrepuesta, toma corriente y accesorios para fijación Y FUNCIONAMIENTO	und	22,00	$ 122.784,00	$ 2.701.248,00
10,11	Suministro de mano de obra para el acondicionamiento conexión del medidor de energía, marcación de fases, adecuaciones.	und	1,00	$ 455.523,00	$ 455.523,00
10,12	Suministro e instalación salida de interruptor SENCILLO en tubería EMT 3/4", con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijación.	und	9,00	$ 142.930,00	$ 1.286.370,00
10,13	Suministro e instalación de transformador de 30 kva regulador 208/120v	und	1,00	$ 20.133.203,00	$ 20.133.203,00
10,14	Suministro e instalación de luminaria LED 60x60 40W 120V AUDITORIO	und	12,00	$ 164.533,00	$ 1.974.396,00
10,15	Suministro e instalación de un sistema de puesta a tierra con tres varillas cobre-cobre de 2,4m x 5/8", soldadura exotérmica y cable 1/0 cobre desnudo 25ml para el transformador.	und	1,00	$ 5.692.799,00	$ 5.692.799,00
10,16	Suministro e instalación de luminaria panel LED redodo de 18W 120V. Para cocina, baños cuartos de aseo, pasillos.	und	20,00	$ 34.017,00	$ 680.340,00
10,17	Suministro e instalación de planta eléctrica de 30 KVA, encabinada, en cuarto separado, con transferencia y tanque de reserva.	und	1,00	$ 51.995.849,00	$ 51.995.849,00
10,18	Suministro e instalación de Acometida trifásica a TRANSFERENCIA DESDE PLANTA Y TRASNFORMADOR 3x1/0+1/0+1/0T, incluye elementos de sujeción	m	45,00	$ 228.907,00	$ 10.300.815,00
10,19	DESMONTE DE REDES ELECTRICAS EXISTENTES. INCLUYE EL RETIRO DE TODAS LAS LUMIANRIAS	gl	1,00	$ 1.836.603,00	$ 1.836.603,00

10,20	SUMINISTRO E INSTALACIÓN DE CABLE TRENSADO 3X12 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO	m	120,00	$ 20.438,00	$ 2.452.560,00
10,21	Suministro e instalación salida PARA AA en tubería EMT 1", cable 2X10+12T awg Libre de halógenos, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	und	11,00	$ 308.877,00	$ 3.397.647,00
10,22	Suministro e instalación DE CANALETA METALICA DE 12X5CM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACION RETIE.	m	90,00	$ 84.332,00	$ 7.589.880,00
10,23	Suministro e instalación de tablero trifásico de 30 circuitos con espacio para totalizador incluyen totalizador de 100A a 200A, protecciones según diagrama unifilar, conexión de acometida desde TRANSFORMADOR.	und	1,00	$ 1.462.522,00	$ 1.462.522,00
10,24	Suministro e instalación de Sensor Odc0S-I1W Infrarrojo Montaje En Techo.	und	5,00	$ 203.360,00	$ 1.016.800,00
10,25	Suministro e instalación salida para sensor infrarrojo en techo, incluye cable, conectores y elementos de fijación.	und	5,00	$ 135.615,00	$ 678.075,00
10,26	Suministro e instalación de salida de tomacorriente doble con polo a tierra GFCI, incluye cana 2400 aluminio fundido, conectores y soportes de tubería y en si todo lo necesario para su funcionamiento.	und	2,00	$ 259.377,00	$ 518.754,00
10,27	Suministro e instalación de canalización 2x3" tubo PVC 3", incluye excavación y relleno con el mismo material excavado	m	50,00	$ 85.251,00	$ 4.262.550,00
10,28	Suministro e instalación de acometida desde tn1 hasta UPS y TR1 2x6+6+8T, incluye terminales	m	15,00	$ 72.843,00	$ 1.092.645,00
10,29	Suministro e instalación de caja CS274 de 0,6x0,6m con tapa con marco y contramarco en ladrillo recocido, INCLUYE EXCAVACIÓN	und	3,00	$ 529.561,00	$ 1.588.683,00
10,30	Suministro e instalación de tubo EMT de 3" para acometida de planta a transferencia	m	20,00	$ 171.819,00	$ 3.436.380,00
10,31	Suministro e instalación de canalización 1x3" tubo PVC 3", incluye excavación y relleno con el mismo material excavado	m	5,00	$ 60.085,00	$ 300.425,00
10,32	Suministro e instalación de reflector LED con panel solar de 200w	und	6,00	$ 404.167,00	$ 2.425.002,00
11,00	**CARPINTERÍA METÁLICA**				**$ 20.334.821,90**
11,1	Marco metálico lámina Cal. 20 a=0.80 m (incl. pintura)	und	11,00	$ 191.184,00	$ 2.103.024,00
11,2	Ventana en aluminio corrediza (vidrio 4 mm)	m2	26,00	$ 342.220,00	$ 8.897.720,00

11,3	División para baño en lámina Cal. 20 (incl. pintura)	m2	13,30	$ 392.003,00	$ 5.213.639,90
11,4	Mantenimiento de ventanas y rejas metálicas existentes de dimensiones variables, incluye desmonte y reinstalación, además de pintura anticorrosiva	und	10,00	$ 59.985,00	$ 599.850,00
11,5	Puerta de dos secciones en vidrio templado con marco y travesaño fabricado en tubería tipo pesada con acabado final en ABM, cierra puerta superior, cerradura - manija con llave.	m2	4,00	$ 880.147,00	$ 3.520.588,00
12,00	**VARIOS**				**$ 8.831.162,40**
12,1	Piso continuo multicapa de mortero hidráulico polimérico, para exteriores. E=0.05m	m2	36,00	$ 80.225,00	$ 2.888.100,00
12,2	Suministro, transporte e instalación de aviso ICA de una medida aproximada de 1,5x1,0m. Incluye el aviso y estructura metálica, además de las herramientas, equipos, insumos y mano de obra requeridos para su correcta instalación. El diseño dependerá de las necesidades y requerimientos de la entidad.	und	1,00	$ 857.790,00	$ 857.790,00
12,3	Grifería para lavaplatos. Mono control sin mezclador tipo "Grival Nogal" o similar, para Cocinetas	und	1,00	$ 160.930,00	$ 160.930,00
12,4	Suministro e instalación mesón en quarztone blanco polar con reengruese de 5 cms sobre bastidor de mdf para cocina. Ancho 60 cm. Salpicadero de 8 cms frentero 4cms. Cocineta	ML	3,10	$ 673.774,00	$ 2.088.699,40
12,5	Lavaplatos sencillo en acero inoxidable 55x43 cm Socoda o equivalente, para Cocinetas	und	1,00	$ 211.011,00	$ 211.011,00
12,6	Poceta de aseo prefabricada en granito	und	1,00	$ 189.132,00	$ 189.132,00
12,7	Aseo general tanto de la parte interna como externa y donde se hayan realizado actividades para poder ejecutar la obra. (incluye retiro de sobrantes al realizar el aseo)	m2	500,00	$ 4.871,00	$ 2.435.500,00

Alcance, Duración y costo Total.

Las actividades y cantidades estimadas están alineadas con los requerimientos específicos de la sede de Magangué. Se podrán considerar actividades adicionales en esta sede, según la evaluación del estado de la estructura metálica, que se realizará una vez el equipo esté en campo, se inicie la obra, y se elabore el informe de inspección de la cubierta, conforme a las obligaciones del contrato.

Para la sede de Magangué, se ha asignado un presupuesto total de $761,676,250.33, con un plazo de ejecución de 4 meses contados a partir de la firma del acta de inicio y sujeto al cumplimiento de los requisitos de ejecución. Este plazo está previsto para finalizar el 31 de diciembre de 2024, salvo ajustes en el cronograma que se justifiquen.

5. ESTADO DE LA INFRAESTRUCTURA Y RECOMENDACIONES

Estado de la Infraestructura

Durante la visita de inspección a la obra de la zona ICA, se observaron condiciones deficientes en la infraestructura y mantenimiento de las instalaciones.

Cerramiento y Acceso

- Se encontró deterioramiento en el cerramiento perimetral.
- Gran cantidad de maleza en el cerramiento y alrededores.
- Cerramiento tubular en la entrada.
- Cerramiento de concreto en los costados derecho e izquierdo.
- Cerramiento en alambre de púa para continuar el cerramiento en concreto en ambos costados
- Camino de arena que conduce a las oficinas.

Oficinas

- Estado no óptimo de las ventanas.
- Red eléctrica en mal estado, con quejas por parte de los funcionarios.
- Mal estado de algunas oficinas, incluyendo:
- Ventanas rotas o deterioradas y si seguridad.
- Puertas dañadas.
- Baños fuera de servicio.
- Sanitarios y lavamanos en mal estado y algunos fuera de servicio
- Poceta de laboratorio fuera de servicio
- Cielo raso en deterioro y en parte inexistente y podrido por temas de humedad.

Cubierta

La Cubierta en asbesto cemento se Observa muy deteriorada, en mal estado y con presencia de animales entre la cubierta y el cielo raso

Recomendaciones

- Se requiere dejar la zona libre para poder ejecutar las actividades pertinentes ya que se va a Cambiar las instalaciones eléctricas será necesario cortar la corriente y no se podrá continuar con las funciones.

- Se recomienda seguir el cronograma, para la optimización de recursos, personal y actividades para lograr los objetivos, planteados

- Se evidencian redes de voz y datos, y sistema cerrado de cámaras, adicional a ello unos reflectores, los cuales están dentro de los límites de la intervención, por tal razón, solicitamos el desmonte oportuno de los mismos por parte de la entidad. Y si es de requerirse, su posterior instalación.

- Se debe hacer una inspección completa del estado de la cubierta, toda vez, que en solo algunos pequeños tramos se puede determinar el estado actual de la cubierta, sin embargo, se logra evidenciar que son cerchas metálicas convencionales.
- El reajuste presupuestal y la adición de actividades NO PREVISTAS se realizará una vez se tenga el informe detallado de cubierta y con ellos los recursos disponibles para nuevas actividades, en este sentido, se recomienda dar mayor alcance a las actividades externas y la impermeabilización de algunas de las placas externas de la sede

6. REGISTRO FOTOGRAFICO

























7. INFORMES ESPECIALES

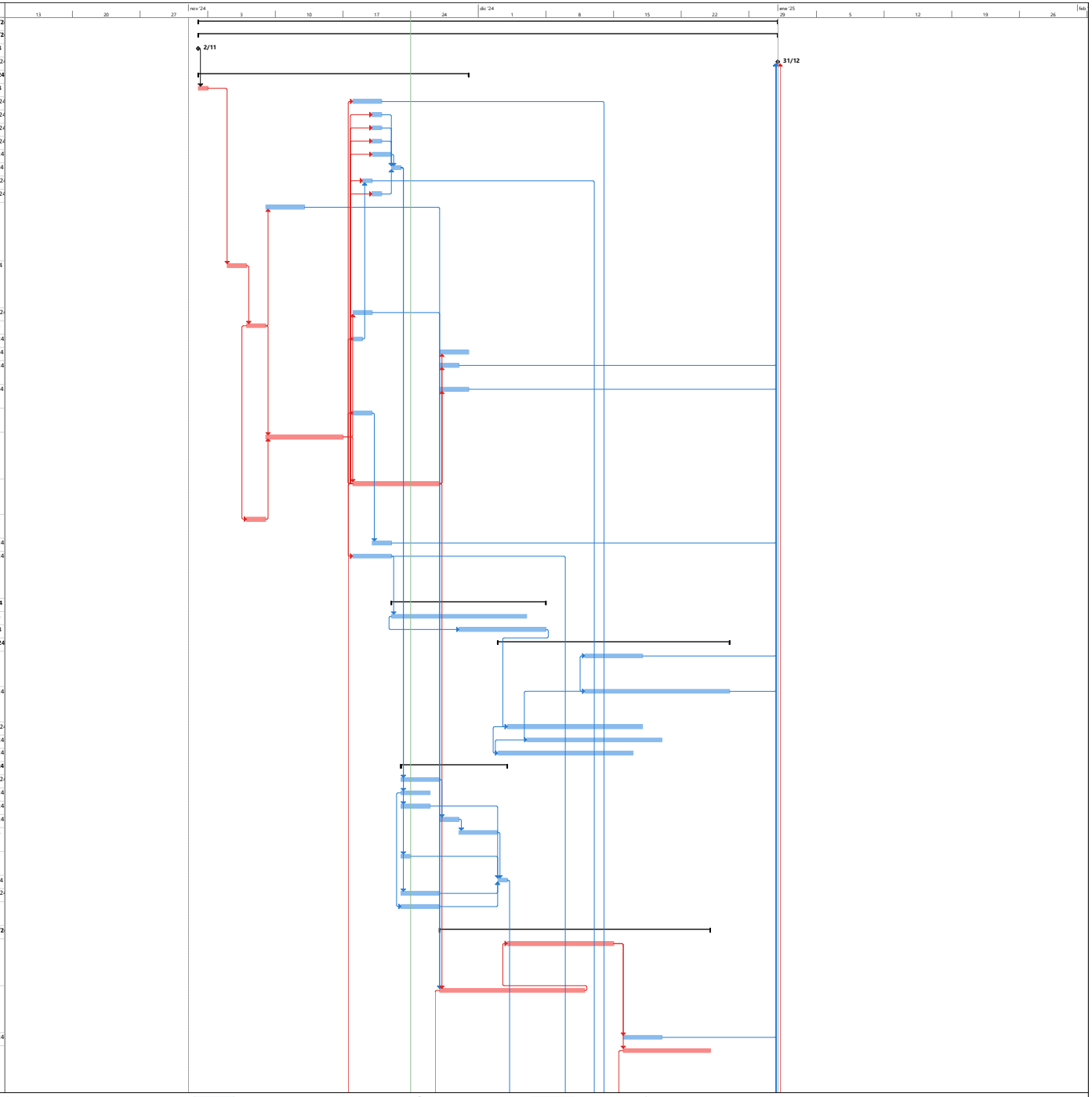
ANEXOS

Ver anexo

No. 1 – Anexo 1. APUS – Magangué.
No. 2 – Anexo 2. Cronograma de actividades.
No. 3 – Anexo 3. Especificaciones Técnicas.

ANEXO #2

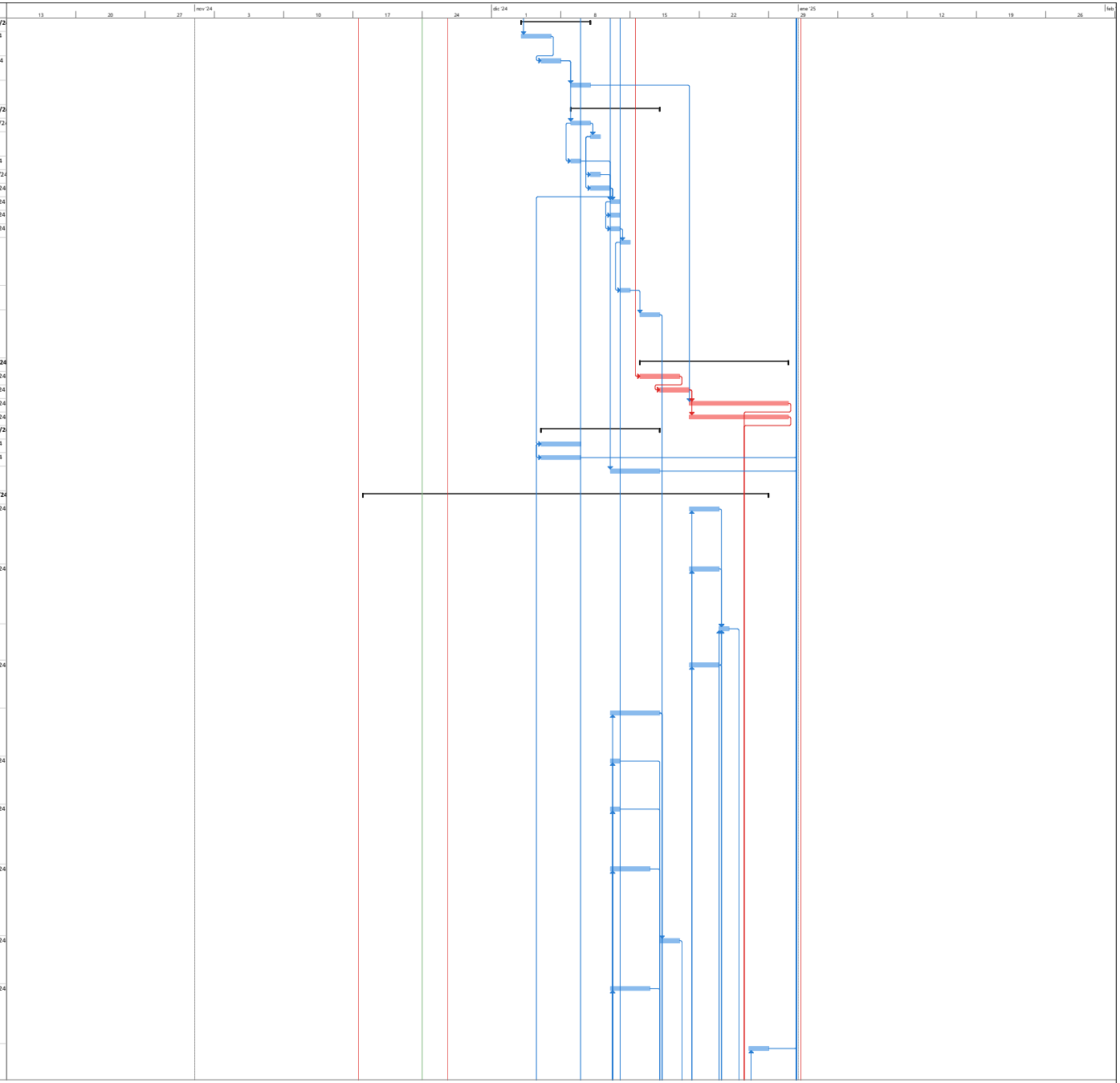
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
1		**1**	**PROGRAMACION CONTRATO GGC-089-2024**	**48 días**	**sáb 2/11/24**	**mar 31/12/2**
2		**1,1**	**MAGANGUE**	**48 días**	**sáb 2/11/24**	**mar 31/12/2**
3		1.1.1	INICIO DE OBRA MAGANGUE	0 días	sáb 2/11/24	sáb 2/11/24
4		1.1.2	ENTREGA MAGANGUE	0 días	mar 31/12/24	mar 31/12/24
5		**1,00**	**PRELIMINARES**	**22 días**	**sáb 2/11/24**	**vie 29/11/24**
6		1,1	Localización y replanteo	1 día	sáb 2/11/24	sáb 2/11/24
7		1,2	Desmonte de ventanas	3 días	lun 18/11/24	mié 20/11/24
8		1,3	Demolición manual de mesón en concreto	1 día	mié 20/11/24	mié 20/11/24
9		1,4	Desmonte de aparato sanitario	1 día	mié 20/11/24	mié 20/11/24
10		1,5	Desmonte de lavamanos	1 día	mié 20/11/24	mié 20/11/24
11		1,6	Desmonte de división para baño en acrilico	2 días	mié 20/11/24	jue 21/11/24
12		1,7	Demolición manual de enchape o pañete (revoque)	1 día	vie 22/11/24	vie 22/11/24
13		1,8	Desmonte de marcos y puertas	1 día	mar 19/11/24	mar 19/11/24
14		1,9	Desmonte de poceta en acero inoxidable	1 día	mié 20/11/24	mié 20/11/24
15		1,10	Desmonte y reinstalación de archivadores, consiste en la reubicación de los archivadores en el área documental, esto con el fin de redistribuir el espcio acorde con el acuerdo 049 de 2000 Repositorio Normativo Archivo gereneral de la Nación.Incluye resane	2 días	sáb 9/11/24	mar 12/11/24
16		1,11	Instalación de CERRAMIENTO PROVISIONAL en tela verde polietileno de alta densidad y resistencia 65 gr/m2 con una altura de 2,10 m, estacones de madera común para fijación vertical de altura de 2,50 m puesto mínimo cada 2,0 m, elementos de fijación, Incluy	2 días	mar 5/11/24	mié 6/11/24
17		1,12	Desmonte de canal en lámina ó pvc	2 días	lun 18/11/24	mar 19/11/24
18		1,13	Desmonte de cielo raso	2 días	jue 7/11/24	vie 8/11/24
19		1,14	Desmonte de cortinas, persianas y cortineros.	1 día	lun 18/11/24	lun 18/11/24
20		1,15	Desmonte de Aire Acondicionado	3 días	mié 27/11/24	vie 29/11/24
21		1,16	Desmonte de cerramiento en alambre de puas con postes de madera	2 días	mié 27/11/24	jue 28/11/24
22		1,17	Retiro y botada de escombros. Incluye cargue, transporte y botada de material.	3 días	mié 27/11/24	vie 29/11/24
23		1,18	Rocería y limpieza manual y/o con equipo, control de maleza y crecimiento de material vegetal (incluye retiro y disposición final)	2 días	lun 18/11/24	mar 19/11/24
24		1,19	Desmonte de teja de asbesto cemento existente. La mano de obra incluye los elementos requeridos de protección para el manejo de esta teja. Incluye manejo especial, cargue, transporte y botada especial al sitio permitido de manejo de estos elementos.	6 días	sáb 9/11/24	sáb 16/11/24
25		1,20	Desmonte de estructura de cubierta existente. Incluye mano de obra de desinstalación, cargue, transporte y botada con derecho a botadero	8 días	lun 18/11/24	mar 26/11/24
26		1,21	Desmonte de escritorios y sillas.Incluye moverlos o trasladarlos a sitio de acopio debidamente envueltos en plástico	2 días	jue 7/11/24	vie 8/11/24
27		1,22	Poda de ramas	2 días	mié 20/11/24	jue 21/11/24
28		1,23	Demolición pisos, andenes, cunetas y bordillos de concreto, en cualquier espesor. Incluye: retiro de malla de refuerzo si existe, compresor neumático con martillo, además recuperación de lo materiales aprovechables, cargue, transporte hasta el sitio de ac	4 días	lun 18/11/24	jue 21/11/24
29		**2,00**	**MOVIMIENTO DE TIERRAS**	**14 días**	**vie 22/11/24**	**sáb 7/12/24**
30		2,1	Excavación manual h= 0-2 m. Incluye cargue y retiro.	12 días	vie 22/11/24	jue 5/12/24
31		2.2	Lleno compactado con recebo común	8 días	vie 29/11/24	sáb 7/12/24
32		**3,00**	**CERRAMIENTO**	**20 días**	**mar 3/12/24**	**jue 26/12/24**
33		3,1	Mantenimiento cerramiento existente en Pintura anticorrosiva y acabado en esmalte para exteriores.	5 días	jue 12/12/24	mar 17/12/24
34		3,2	Cerramiento en tubo redondo galvanizado de 2. Incluye pata de anclaje y tapon metalico pintado con Pintura anticorrosiva y acabado en esmalte para exteriores.	12 días	jue 12/12/24	jue 26/12/24
35		3,3	Acero para refuerzo	12 días	mié 4/12/24	mar 17/12/24
36		3,4	Concreto de 3000 psi	12 días	vie 6/12/24	jue 19/12/24
37		3,5	Solado en concreto ciclopeo	12 días	mar 3/12/24	lun 16/12/24
38		**4,00**	**INSTALACIONES HIDRÁULICAS Y SANITARIAS**	**9 días**	**sáb 23/11/24**	**mar 3/12/24**
39		4,1	Tubería cpvc presión Ø= 1/2 (incl. accesorios)	3 días	sáb 23/11/24	mar 26/11/24
40		4,2	Tubería pvc presión Ø= 2 (incl. accesorios)	2 días	sáb 23/11/24	lun 25/11/24
41		4,3	Tubería pvc sanitaria Ø= 3 (incl. accesorios)	2 días	sáb 23/11/24	lun 25/11/24
42		4,4	Punto hidráulico cpvc de 1/2 (3 m)	2 días	mié 27/11/24	jue 28/11/24
43		4,5	Valvula de registro de 1/2 incluye tapa de registro	3 días	vie 29/11/24	lun 2/12/24
44		4,6	Tubería drenaje mini split pvc 1 (incl. accesorios)	1 día	sáb 23/11/24	sáb 23/11/24
45		4,7	Rejilla para piso en pvc 3x2	1 día	mar 3/12/24	mar 3/12/24
46		4,8	Tubería pvc Ø= 4 (incl. accesorios)	3 días	sáb 23/11/24	mar 26/11/24
47		4,9	Suministro e Instalacion de Tubería pvc-s sanitaria Ø= 2 (Incluye accesorios)	3 días	sáb 23/11/24	mar 26/11/24
48		**5,00**	**CUBIERTA**	**24 días**	**mié 27/11/24**	**mar 24/12/2**
49		5,1	Suministro, transporte e instalación de cubierta (Teja Termoacústica kingroof ECO - panel tipo sandwich con aislante en polisocianurato PIR SAFE e:30mm Blanco o verde, calibre 28, lámina interna Foil Vinil Color natural). Incluye los caballetes y remates	10 días	mié 4/12/24	sáb 14/12/24
50		5,2	Construcción y montaje de estructura metálica con perfilería tipo PERFILERIA TIPO IPE, HEA, PHR-C, PTE para elementos de cubierta, fachada, rampas o áreas de circulación metálicas, según diseño. Incluye: suministro y transporte de láminas, platinas, union	13 días	mié 27/11/24	mié 11/12/24
51		5,3	Canal en lámina galvanizada Cal. 20 S= 50 cm	4 días	lun 16/12/24	jue 19/12/24
52		5,4	Cielo raso continuo en PVC blanco resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios necesarios para su correcta instalación, y las per	8 días	lun 16/12/24	mar 24/12/24



Proyecto: MAGANGUE Y CARM
Fecha: dom 24/11/24

Tarea · Hito · Resumen del proyecto · Hito inactivo · Tarea manual · Informe de resumen manual · solo el comienzo · Tareas externas · Fecha límite · División crítica · Progreso manual
División · Resumen · Tarea inactiva · Resumen inactivo · solo duración · Resumen manual · solo fin · Hito externo · Tareas críticas · Progreso

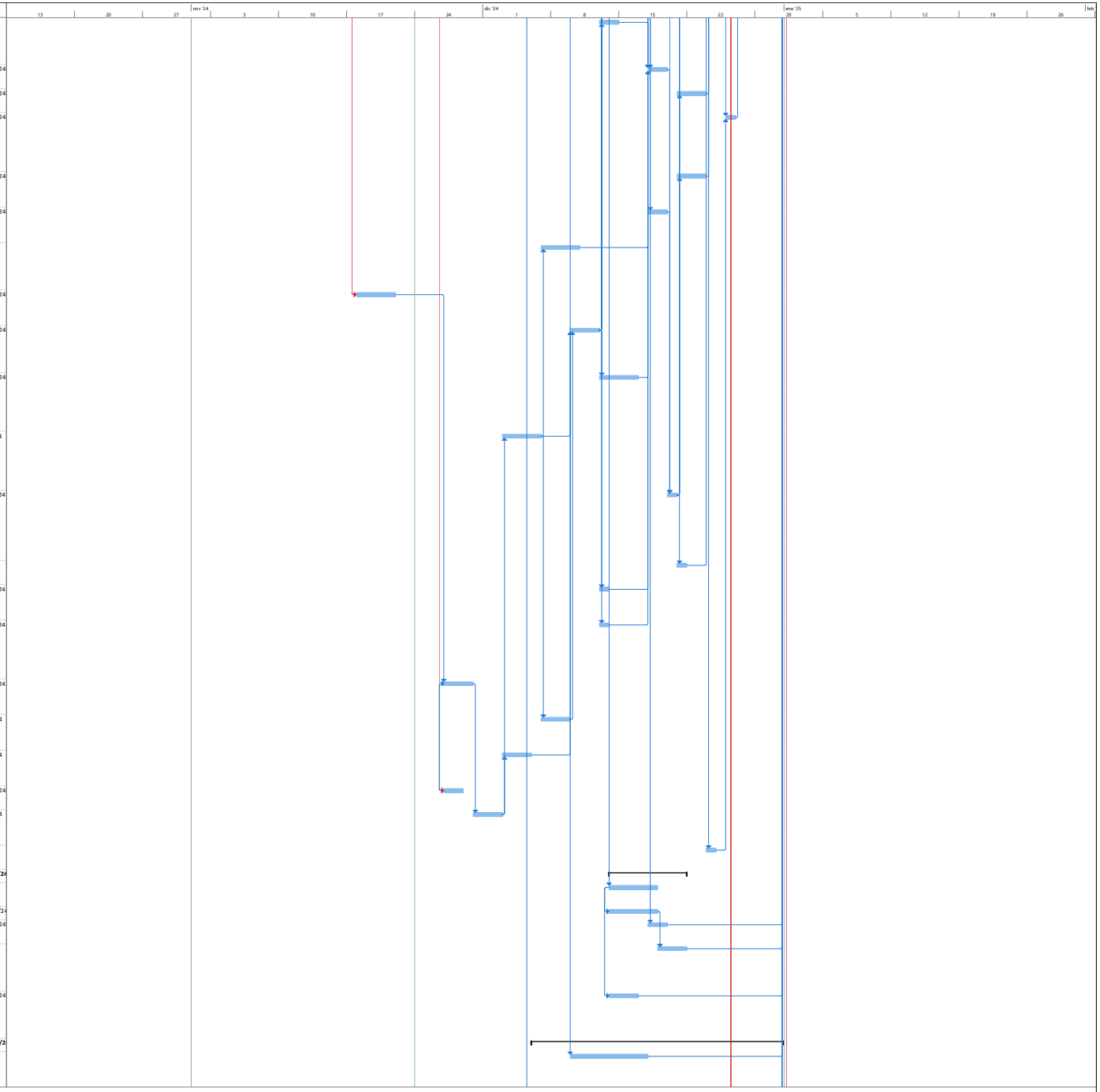
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
53		**6,00**	**ENHAPES Y ACCESORIOS**	**6 días**	**mié 4/12/24**	**mar 10/12/2**
54		6,1	Suministro e instalacion de Enchape en cerámica 30x60 cm	3 días	mié 4/12/24	vie 6/12/24
55		6,2	Suministro e instalacion de piso en porcelanato 60x60	2 días	vie 6/12/24	sáb 7/12/24
56		6,3	Suministro e instalacion de Guardaescoba en porcelanato	2 días	lun 9/12/24	mar 10/12/24
57		**7,00**	**BAÑOS**	**8 días**	**lun 9/12/24**	**mar 17/12/2**
58		7,1	Sanitario Smart elongado color blanco	2 días	lun 9/12/24	mar 10/12/2
59		7,2	Lavamanos de incrustar blanco tipo san lorenzo	1 día	mié 11/12/24	mié 11/12/24
60		7,3	Orinal mediano blanco grifería tipo push	1 día	lun 9/12/24	lun 9/12/24
61		7,4	Grifería lavamanos monocontrol ahorradora	1 día	mié 11/12/24	mié 11/12/2
62		7,5	Grifería lavaplatos Monocontrol	2 días	mié 11/12/24	jue 12/12/24
63		7,6	Dispensador de toallas de papel	1 día	vie 13/12/24	vie 13/12/24
64		7,7	Dispensador de jabón líquido	1 día	vie 13/12/24	vie 13/12/24
65		7,8	Dispensador de papel higiénico	1 día	vie 13/12/24	vie 13/12/24
66		7,9	Barra de Seguridad Horizontal 36 (92 cm) para Discapacitados en acero inoxidable, de sobreponer a la pared, Ref. 30-AA-8736 de A&A, o equivalente	1 día	sáb 14/12/24	sáb 14/12/24
67		7,10	Espejo Cristal Biselado de 4 mm colocado flotado sobre muro , para baños Wc.	1 día	sáb 14/12/24	sáb 14/12/24
68		7,11	Meson - Lavamanos en QUARZTONE BLANCO POLAR ancho 60 cm, salpicadero 8 cm y frentero de 4 cm para Baño. Incluye fabricacion, suministro e Instalacion.	2 días	lun 16/12/24	mar 17/12/24
69		**8,00**	**PAÑETES, ESTUCO Y PINTURA**	**12 días**	**lun 16/12/24**	**lun 30/12/24**
70		8,1	Estuco acrílico en muros	4 días	lun 16/12/24	jue 19/12/24
71		8,2	Pañete muro (incl. filos y dilataciones)	3 días	mié 18/12/24	vie 20/12/24
72		8,3	Pintura exterior en Koraza	7 días	sáb 21/12/24	lun 30/12/24
73		8,4	Pintura con vinilo en muros	7 días	sáb 21/12/24	lun 30/12/24
74		**9,00**	**CARPINTERÍA DE MADERA**	**10 días**	**vie 6/12/24**	**mar 17/12/2**
75		9,1	Mueble inferior de cocina h= 90 cm	3 días	vie 6/12/24	lun 9/12/24
76		9,2	Mueble superior de cocina h= 60 cm	3 días	vie 6/12/24	lun 9/12/24
77		9,3	Puerta en madera entamborada de 0.80 x 2.05 m	4 días	vie 13/12/24	mar 17/12/24
78		**10,00**	**INSTALACIONES ELÉCTRICAS**	**35 días**	**lun 18/11/24**	**sáb 28/12/24**
79		10,1	Suministro e instalación Unidad acondicionadora Mini split tipo pared 12.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER. Eliminación de bacterias	2 días	sáb 21/12/24	lun 23/12/24
80		10,2	Suminsitro e instalación Unidad acondicionadora Mini split tipo pared 24.000 btu/h incluye condensadora, evaporadora y control remoto. Compresor INVERTER.Eliminación de bacterias	2 días	sáb 21/12/24	lun 23/12/24
81		10,3	Suministro e instalación de UPS Trifásico de 10 KVA 208/120V on line, autonimia de 10 min a plana carga	1 día	mar 24/12/24	mar 24/12/24
82		10,4	Suministro e instalación de Luminaria de emergencia certificada RETIE para cuartos tecnicos. Incluye 1 metro de cable encauchetado 3x18 HF FR LS y clavija.	2 días	sáb 21/12/24	lun 23/12/24
83		10,5	Suministro e instalación salida de iluminacion en tuberia EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijacion.	4 días	vie 13/12/24	mar 17/12/24
84		10,6	Suministro e instalación salida de interruptor triple en tuberia EMT 3/4, con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijacion. AUDITORIO	1 día	vie 13/12/24	vie 13/12/24
85		10,7	Suministro e instalación salida de tomacorriente doble con polo a tierra en muro sobrepuesta en tuberia EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación.	1 día	vie 13/12/24	vie 13/12/24
86		10,8	Suministro e instalación salida de tomacorriente doble BLANCA con polo a tierra en CANALETA METALICA sobrepuesta , toma corriente CABLE 12 AWG TRIPLE FASE AZUL y accesorios para fijación Y FUNCIONAMIENTO	3 días	vie 13/12/24	lun 16/12/24
87		10,9	Suministro e instalación de tablero TRIifasico de 18 circuitos para red regulada sin espacio totalizador, incluye protecciones 12 de 1x20A.	2 días	mié 18/12/24	jue 19/12/24
88		10,10	Suministro e instalación salida de tomacorriente doble con polo a tierra REGULADA en CANALETA METALICA sobrepuesta , toma corriente y accesorios para fijación Y FUNCIONAMIENTO	3 días	vie 13/12/24	lun 16/12/24
89		10,11	Suministro de mano de obra para el acondicionamiento conexión del medidor de energía, marcacion de fases, adecuaciones.	2 días	vie 27/12/24	sáb 28/12/24



Proyecto: MAGANGUE Y CARM
Fecha: dom 24/11/24

Tarea, División, Hito, Resumen, Resumen del proyecto, Tarea inactiva, Hito inactivo, Resumen inactivo, Tarea manual, solo duración, Informe de resumen manual, Resumen manual, solo el comienzo, solo fin, Tareas externas, Hito externo, Fecha límite, Tareas críticas, División crítica, Progreso, Progreso manual

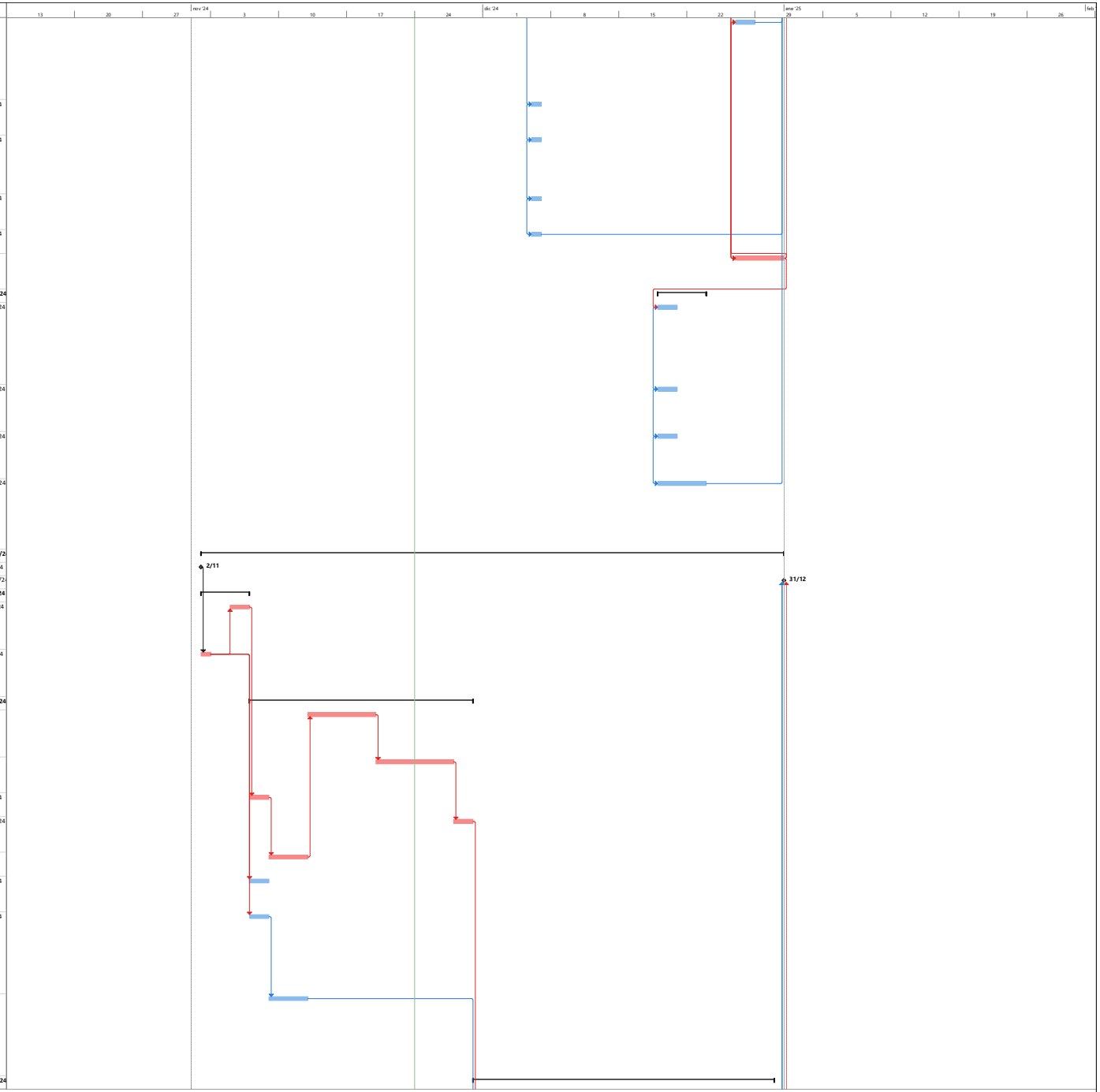
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
90		10,12	Suministro e instalación salida de interruptor SENCILLO en tuberia EMT 3/4, con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijacion.	2 días	vie 13/12/24	sáb 14/12/24
91		10,13	Suministro e instalación de transformador de 30 kva regulador 208/120v	2 días	mié 18/12/24	jue 19/12/24
92		10,14	Suministro e instalación de luminaria LED 60x60 40W 120V AUDITORIO	2 días	sáb 21/12/24	lun 23/12/24
93		10,15	Suministro e instalación de un sistema de puesta a tierra con tres varillas cobre-cobre de 2,4m x 5/8, soldadura exotermica y cable 1/0 cobre desnudo 25ml para el transformador.	1 día	jue 26/12/24	jue 26/12/24
94		10,16	Suministro e instalación de luminaria panel LED redodo de 18W 120V. Para cocina, baños cuarto de aseo, pasillos.	2 días	sáb 21/12/24	lun 23/12/24
95		10,17	Suministro e instalación de planta electrica de 30 KVA, encabinada, en cuarto separado, con trasnferencia y tanque de reserva.	2 días	mié 18/12/24	jue 19/12/24
96		10,18	Suministro e instalación de Acometida trifasica a TRANSFERENCIA DESDE PLANTA Y TRASNFORMADOR 3x1/0+1/0+1/0T, incluye elementos de sujeción	3 días	sáb 7/12/24	mar 10/12/24
97		10,19	DESMONTE DE REDES ELECTRICAS EXISTENTES. INCLUYE EL RETIRO DE TODAS LAS LUMIANRIAS	4 días	lun 18/11/24	jue 21/11/24
98		10,20	SUMINISTRO E INSTALACIÓN DE CABLE TRENSADO 3X12 FASE ROJA O FASE AZUL PARA TOMACORRIENTES DESDE EL TABLERO HASTA LA PRIMERA TOMA DEL CIRCUITO	3 días	mar 10/12/24	jue 12/12/24
99		10,21	Suministro e instalación salida PARA AA en tuberia EMT 1, cable 2X10+12T awg Libre de halogenos, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijacion.	3 días	vie 13/12/24	lun 16/12/24
100		10,22	Suministro e instalación DE CANALETA METALICA DE 12XSCM HOMOLOGADA BLANCA PINTURA ELECTROSTÁTICA, INCLUYE TROQUELES TRIPLES, ALAMBRE DE PUESTA A TIERRA Y MARCACION RETIE.	4 días	mar 3/12/24	vie 6/12/24
101		10,23	Suministro e instalación de tablero trifasico de 30 cirduitos con espacio para totalizador incluye totalizador de 100A a 200A, protecciones segun diagrama unifilar, conexión de acometida desde TRANSFORMADOR .	1 día	vie 20/12/24	vie 20/12/24
102		10,24	Suministro e instalacion de Sensor Odc05-I1W Infrarrojo Montaje En Techo.	1 día	sáb 21/12/24	sáb 21/12/24
103		10,25	Suministro e instalación salida para sensor infrarrojo en techo, incluye cable, conectores y elementos de fijación.	1 día	vie 13/12/24	vie 13/12/24
104		10,26	Suministro e instalación de salida de tomacorriente doble con polo a tierra GFCI, incluye cana 2400 aluminio fundido, conctores y soportes de tuberia y en si todo lo necesario para su funcionamiento.	1 día	vie 13/12/24	vie 13/12/24
105		10,27	Suministro e instalacion de canalizacion 2x3 tubo pvc 3, incluye excavación y relleno con el mismo material excavado	3 días	mié 27/11/24	vie 29/11/24
106		10,28	Suministro e instalacion de acometida desde tn1 hasta UPS y TR1 2x6+6+8T, incluye terminales	2 días	sáb 7/12/24	lun 9/12/24
107		10,29	Suministro e instalación de caja CS274 de 0,6x0,6m con tapa con marco y contramarco en ladrillo recocido, INCLUYE EXCAVACIÓN	3 días	mar 3/12/24	jue 5/12/24
108		10,30	Suministro e instalación de tubo EMT de 3 para acometida de planta a transferencia	2 días	mié 27/11/24	jue 28/11/24
109		10,31	Suministro e instalacion de canalizacion 1x3 tubo pvc 3, incluye excavación y relleno con el mismo material excavado	2 días	sáb 30/11/24	lun 2/12/24
110		10,32	Suministro e instalación de reflector LED con panel solar de 200w	1 día	mar 24/12/24	mar 24/12/24
111		**11,00**	**CARPINTERÍA METÁLICA**	**7 días**	**sáb 14/12/24**	**sáb 21/12/24**
112		11,1	Marco metálico lámina Cal. 20 a=0.80 m (incl. pintura)	4 días	sáb 14/12/24	mié 18/12/24
113		11,2	Ventana en aluminio corrediza (vidrio 4 mm)	4 días	sáb 14/12/24	mié 18/12/24
114		11,3	División para baño en lámina Cal. 20 (incl. pintura)	2 días	mié 18/12/24	jue 19/12/24
115		11,4	Mantenimiento de ventanas y rejas metálicas existentes de dimensiones variables, incluye desmonte y reinstalación, además de pintura anticorrosiva	3 días	jue 19/12/24	sáb 21/12/24
116		11,5	Puerta de dos secciones en vidrio tempado con marco y travesaño fabricado en tubería tipo pesada con acabado final en ABM, cierra puerta superior, cerradura - manija con llave.	2 días	sáb 14/12/24	lun 16/12/24
117		**12,00**	**VARIOS**	**21 días**	**vie 6/12/24**	**mar 31/12/24**
118		12,1	Piso continuo multicapa de mortero hidráulico polimérico, para exteriores. E=0.05m	7 días	mar 10/12/24	mar 17/12/24



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División · Resumen · Tarea inactiva · Resumen inactivo · solo duración · Resumen manual · solo fin · Hito externo · Tareas críticas · Progreso

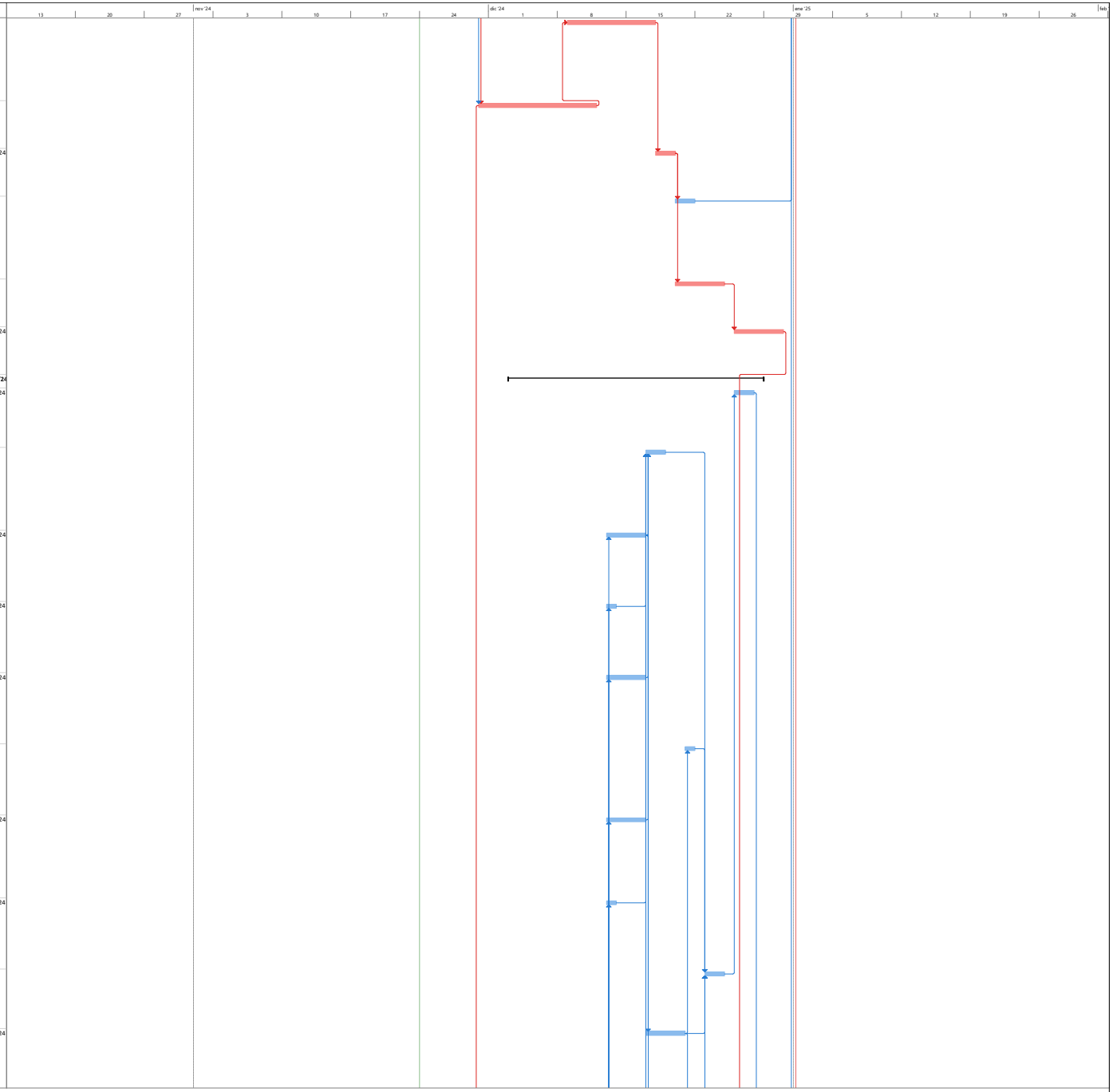
Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
119		12,2	Suministro, transporte e instalación de aviso ICA de una medida aproximada de 1,5x1,0m. Incluye el aviso y estructura metálica, además de las herramientas, equipos, insumos y mano de obra requeridos para su correcta instalación. El diseño dependera de las	2 días	vie 27/12/24	sáb 28/12/24
120		12,3	Grifería para lavaplatos. Monocontrol sin mezclador tipo Grival Nogal ó similar, para Cocinetas	1 día	vie 6/12/24	vie 6/12/24
121		12,4	Suministro e instalación meson en quarztone blanco polar con reengruese de 5 cms sobre bastidor de mdf para cocina. Ancho 60 cm.Salpicadero de 8 cms frentero 4cms. Cocineta	1 día	vie 6/12/24	vie 6/12/24
122		12,5	Lavaplatos sencillo en acero inoxidable 55x43 cm Socoda o equivalente, para Cocinetas	1 día	vie 6/12/24	vie 6/12/24
123		12,6	Poceta de aseo prefabricada en granito 42x42x25 cm	1 día	vie 6/12/24	vie 6/12/24
124		12,7	Aseo general tanto de la parte interna como externa y donde se hayan realizado actividades para poder ejecutar la obra. (incluye retiro de sobrantes al realizar el aseo)	4 días	vie 27/12/24	mar 31/12/24
125		**1,00**	**MOBILIARIO**	**4 días**	**jue 19/12/24**	**lun 23/12/24**
126		1,1	Escritorio en L para oficina con cajonera de 150x150x60cm. Superficie lisa elaborada en madecor de 25mm termosellado con PVC, faldero en formica de 15mm con canto rígido en pvc con medidas 90x60Cm, tubos cuadrados pintado con electrostatica y cajonera de	2 días	jue 19/12/24	vie 20/12/24
127		1,2	Sillas operativa ergonómica graduable para uso de oficina. Estas deben cumplir con el Manual de estandarización de espacios de trabajo para entidades del estado.	2 días	jue 19/12/24	vie 20/12/24
128		1,3	Sillas interlocutoras tipo isosceles o similar para uso de oficina. Estas deben cumplir con el Manual de estandarización de espacios de trabajo para entidades del estado.	2 días	jue 19/12/24	vie 20/12/24
129		1,4	estanterías. Estructura metálica en Lámina Cold Rolled calibre 16 acabado en pintura en polvo electrostática horneable de alta resistencia y entrepaños graduables en lámina calibre 22. Estas deben cumplir con el Manual de estandarización de espacios de tr	4 días	jue 19/12/24	lun 23/12/24
130		**1.2**	**CARMEN DE BOLIVAR**	**48 días**	**sáb 2/11/24**	**mar 31/12/2**
131		1.2.1	INICIO DE OBRA DE CARMEN DE BOLIVAR	0 días	sáb 2/11/24	sáb 2/11/24
132		1.2.2	ENTREGA CARMEN DE BOLIVAR	0 días	mar 31/12/2	mar 31/12/2
133		**1,00**	**PRELIMINARES**	**3 días**	**sáb 2/11/24**	**mié 6/11/24**
134		1,1	Instalación de CERRAMIENTO PROVISIONAL en tela verde polietileno de alta densidad y resistencia 65 gr/m2 con una altura de 2,10 m, estacones de madera común para fijación vertical de altura de 2,50 m puesto mínimo cada 2,0 m, elementos de fijación, incluy	2 días	mar 5/11/24	mié 6/11/24
135		1,2	Localización, trazado y replanteo. Se utilizará personal experto con equipo de precisión. todos los demás materiales, elementos, equipos, seguros de equipos, instalaciones, combustibles, lubricantes, energía, transporte, mano de obra, necesarios para una	1 día	sáb 2/11/24	sáb 2/11/24
136		**2,00**	**RETIROS Y DEMOLICIONES**	**19 días**	**jue 7/11/24**	**vie 29/11/24**
137		2,1	Desmonte de teja de asbesto cemento existente. La mano de obra incluye los elementos requeridos de protección para el manejo de esta teja. Incluye manejo especial, cargue, transporte y botada especial al sitio permitido de manejo de estos elementos.	6 días	mié 13/11/24	mar 19/11/24
138		2,2	Desmonte de estructura de cubierta existente. Incluye mano de obra de desinstalación, cargue, transporte y botada con derecho a botadero	7 días	mié 20/11/24	mié 27/11/24
139		2,3	Desmonte de cielo raso en madera. incluye cargue, transporte y botada y/o transporte al sitio de disposición final	2 días	jue 7/11/24	vie 8/11/24
140		2,4	Retiro de instalaciones eléctricas y luminarias existentes. Incluye cargue, transporte y botada y/o transporte al sitio de disposición final	2 días	jue 28/11/24	vie 29/11/24
141		2,5	Retiro de cielo raso en superboard. Incluye cargue, transporte y botada en los sitios oficiales, además del derecho al botadero	2 días	sáb 9/11/24	mar 12/11/24
142		2,6	Desmonte de escritorios y sillas.Incluye moverlos o trasladarlos a sitio de acopio debidamente envueltos en plástico	2 días	jue 7/11/24	vie 8/11/24
143		2,7	Desmonte y reinstalación de archivadores, consiste en la reubicación de los archivadores en el área documental, esto con el fin de redistribuir el espcio acorde con el acuerdo 049 de 2000 Repositorio Normativo Archivo gereneral de la Nación.Incluye resane	2 días	jue 7/11/24	vie 8/11/24
144		2,8	Demolición mampostería con un espesor hasta 25cm. Incluye cargue, transporte y botada de escombros en botaderos oficiales, demolición de revoques y de enchapes aplicados en el muro a demoler e instalaciones embebidas, además recuperación de los materiales	2 días	sáb 9/11/24	mar 12/11/24
145		**3,00**	**CUBIERTA**	**25 días**	**sáb 30/11/24**	**lun 30/12/24**



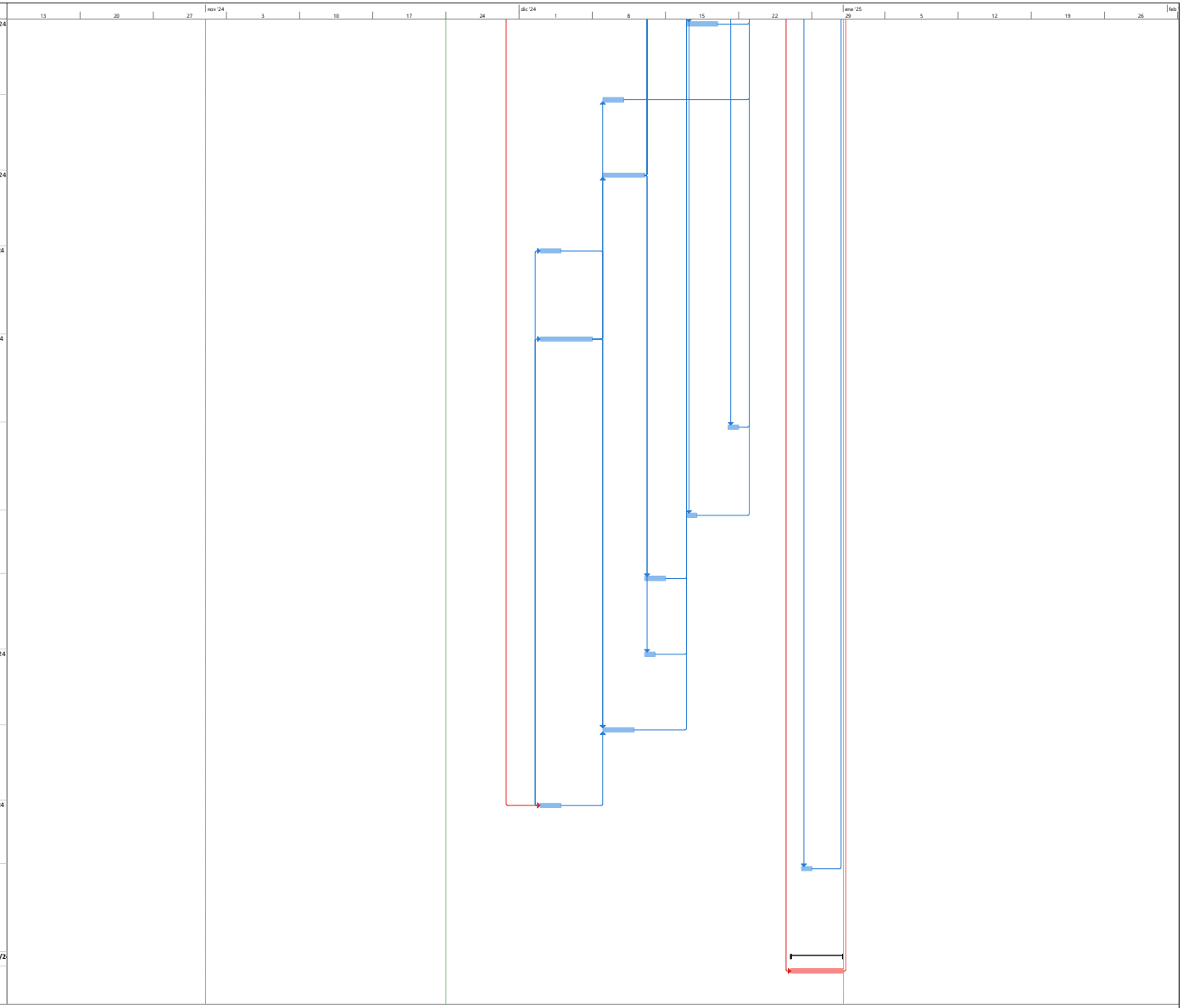
Proyecto: MAGANGUE Y CARM
Fecha: dom 24/11/24

Tarea | Hito | Resumen del proyecto | Hito inactivo | Tarea manual | Informe de resumen manual | solo el comienzo | Tareas externas | Fecha límite | División crítica | Progreso manual
División | Resumen | Tarea inactiva | Resumen inactivo | solo duración | Resumen manual | solo fin | Hito externo | Tareas críticas | Progreso

Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
146		3,1	Suministro, transporte e instalación de cubierta (Teja Termoacústica kingroof ECO - panel tipo sandwich con aislante en poliisocianurato PIR SAFE e:30mm Blanco o verde, calibre 28, lámina interna Foil Vinil Color natural o similar con las mismas caracteris	8 días	lun 9/12/24	mar 17/12/24
147		3,2	Construcción y montaje de estructura metálica con perfilería tipo PERFILERIA TIPO IPE, HEA, PHR-C, PTE para elementos de cubierta, fachada, rampas o áreas de circulación metálicas, según plano. Incluye: suministro y transporte de láminas, platinas, unione	10 días	sáb 30/11/24	mié 11/12/24
148		3,3	Suministro, transporte e instalacion de canal PVC tipo amazonas o similar para aguas lluvias con medidas aproximadas de ancho 162,3mm por alturas de 142,3mm (parte alta) y 94,9mm (parte baja) con las respectivas uniones, tapas exteriores y uniones a las	2 días	mié 18/12/24	jue 19/12/24
149		3,4	Suministro, transporte e Instalación Bajante PVC tipo Rainmax de dimensiones aproximadas de 100mmx100mm con las respectivas uniones, codos y soportes para su fijación. Incluye todos los demás accesorios y elementos para su debida instalación.	2 días	vie 20/12/24	sáb 21/12/24
150		3,5	Suministro, transporte y colocación de cielo raso continuo en pvc blanco resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios necesarios	4 días	vie 20/12/24	mar 24/12/24
151		3,6	Suministro, transporte y colocación de cielo raso continuo en placa de yeso RH 1/2 resistente a la humedad, incluye estructura metálica de acero galvanizado, tornillos y anclajes necesarios para su correcto funcionamiento, la totalidad de los accesorios	4 días	jue 26/12/24	lun 30/12/24
152		**4,00**	**INSTALACIONES ELÉCTRICAS**	**22 días**	**mar 3/12/24**	**sáb 28/12/24**
153		4,1	Suministro, transporte e instalación de UPS Trifásico de 10 KVA 208/120V on line, autonomía de 10 min a plana carga. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación.	2 días	jue 26/12/24	vie 27/12/24
154		4,2	Suministro, transporte e instalación de Luminaria de emergencia certificada RETIE para cuartos técnicos. Incluye 1 metro de cable encauchetado 3x18 HF FR LS y clavija. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta insta	2 días	mar 17/12/24	mié 18/12/24
155		4,3	Suministro, transporte e instalación salida de iluminación en tubería EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación.	3 días	vie 13/12/24	lun 16/12/24
156		4,4	Suministro, transporte e instalación salida de tomacorriente doble con polo a tierra en muro sobrepuesta en tubería EMT 3/4, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos	1 día	vie 13/12/24	vie 13/12/24
157		4,5	Suministro, transporte e instalación salida de tomacorriente doble blanca con polo a tierra en canaleta metálica sobrepuesta , toma corriente CABLE 12 AWG TRIPLE FASE AZUL y accesorios para fijación y funcionamiento. Incluye todos las herramientas, equi	3 días	vie 13/12/24	lun 16/12/24
158		4,6	Suministro, transporte e instalación de tablero Trifásico de 18 circuitos para red regulada sin espacio totalizador, incluye protecciones 12 de 1x20A.. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación.	1 día	sáb 21/12/24	sáb 21/12/24
159		4,7	Suministro, transporte e instalación salida de tomacorriente doble con polo a tierra REGULADA en canaleta metálica sobrepuesta , toma corriente y accesorios para fijación y funcionamiento. Incluye todos las herramientas, equipos, insumos y mano de obra	3 días	vie 13/12/24	lun 16/12/24
160		4,8	Suministro, transporte e instalación salida de interruptor SENCILLO en tubería EMT 3/4, con caja rawelt 2400, interruptor, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instala	1 día	vie 13/12/24	vie 13/12/24
161		4,9	Suministro, transporte e instalación de transformador de 30 kva regulador 208/120v . Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	lun 23/12/24	mar 24/12/24
162		4,10	Suministro, transporte e instalación de luminaria LED 60x60 40W 120V . Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	4 días	mar 17/12/24	vie 20/12/24



Id	Modo de tarea	EDT	Nombre de tarea	Duración	Comienzo	Fin
163		4,11	Suministro e instalación de luminaria panel LED redondo de 18W 120V. Para cocina, baños cuarto de aseo, pasillos. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	3 días	mar 17/12/24	jue 19/12/24
164		4,12	Suministro, transporte e instalación de Acometida trifásica a TN1 DESDE TGD 3x1/0+1/0+1/0T, elementos de sujeción. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	lun 9/12/24	mar 10/12/24
165		4,13	Suministro, transporte e instalación de cable trensado 3x2 fase roja o fase azul para tomacorrientes desde el tablero hasta la primera toma del circuito. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcio	4 días	lun 9/12/24	jue 12/12/24
166		4,14	Suministro, transporte e instalación salida para AA en tubería EMT 1, cable 2X10+12T awg Libre de halógenos, con caja rawelt 5800, toma corriente, incluye curvas, y accesorios para fijación. Incluye todos las herramientas, equipos, insumos y mano de obra	2 días	mar 3/12/24	mié 4/12/24
167		4,15	Suministro, transporte e instalación de canaleta metálica de 12x5cm homologada blanca pintura electrostática, Incluye troqueles triples, alambre de puesta a tierra y marcación retie. Además, incluye todos las herramientas, equipos, insumos y mano de obra	5 días	mar 3/12/24	sáb 7/12/24
168		4,16	Suministro, transporte e instalación de tablero trifásico de 30 circuitos con espacio para totalizador incluye totalizador de 100A a 200A, protecciones según diagrama unifilar, conexión de acometida desde transformador. Además, incluye todos las herramie	1 día	sáb 21/12/24	sáb 21/12/24
169		4,17	Suministro, transporte e instalación de Sensor Odc05-I1W Infrarrojo Montaje En Techo. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	1 día	mar 17/12/24	mar 17/12/24
170		4,18	Suministro, transporte e instalación de salida para sensor infrarrojo en techo, incluye cable, conectores y elementos de fijación. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	vie 13/12/24	sáb 14/12/24
171		4,19	Suministro, transporte e instalación de salida de tomacorriente doble con polo a tierra GFCI, incluye cana 2400 aluminio fundido, conectores y soportes de tubería. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalació	1 día	vie 13/12/24	vie 13/12/24
172		4,20	Suministro, transporte e instalación de acometida desde tn1 hasta UPS y TR1 3x6+4+8T, incluye terminales. Además, incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	3 días	lun 9/12/24	mié 11/12/24
173		4,21	Suministro, transporte e instalación de tubo EMT de 2 para acometida de TGD A TN1. Incluye curbas, terminales, uniones, y elementos de sujeción. Incluye todos las herramientas, equipos, insumos y mano de obra para su correcta instalación y funcionamiento.	2 días	mar 3/12/24	mié 4/12/24
174		4,22	Suministro, transporte e instalación de medidor electronico calibrado trifasico Contador HIKING Estatico TRIFA 5 - 100 A, para instalar antes del tablero TN1 para tener medida de consumo, incluye caja de medidor. Incluye todos las herramientas, equipos, i	1 día	sáb 28/12/24	sáb 28/12/24
175		**5,00**	**VARIOS**	**4 días**	**vie 27/12/24**	**mar 31/12/2**
176		5,1	Aseo general tanto de la parte interna como externa y donde se hayan realizado actividades para poder ejecutar la obra. (incluye retiro de sobrantes al realizar el aseo)	4 días	vie 27/12/24	mar 31/12/24



GESTION RURAL Y URBANA SAS
RL/ GILDARDO CASTILLO SANCHEZ
C.C. 19.265.723 DE BOGOTA D.C.

ANEXO #3

EL SUSCRITO COORDINADOR DEL GRUPO DE ATENCIÓN AL CIUDADANO Y TRÁMITES DE LA DIRECCIÓN TERRITORIAL DE BOGOTÁ

A QUIEN INTERESE
HACE CONSTAR:

Que, realizado el examen de la documentación acreditada por el peticionario, en relación con la solicitud de expedición del **Certificado de Vinculación de Trabajadores con Discapacidad**, se evidencia lo siguiente:

RADICADO:	13EE2024721100000031741
FECHA RADICADO:	16/08/2024
NOMBRE – RAZON SOCIAL:	GESTION RURAL Y URBANA S.A.S.
IDENTIFICACIÓN:	830128894 - 1

A. NUMERO TOTAL DE TRABAJADORES:	21
B. NUMERO DE TRABAJADORES CON DISCAPACIDAD: *Numeral 2 del Artículo 2.2.1.2.4.2.6 del Decreto 1082 de 2015 (Puntaje adicional)*	2
C. NUMERO DE TRABAJADORES CON DISCAPACIDAD CON POR LO MENOS UN (1) AÑO DE VINCULACIÓN O DESDE EL MOMENTO DE LA CONSTITUCIÓN DE LA PERSONA JURÍDICA CUANDO ESTA ES INFERIOR A UN (1) AÑO ACREDITADOS CON CERTIFICADO DE APORTES A SEGURIDAD SOCIAL: *Literal a Artículo 24 Ley 361 de 1997* *Artículos 2.2.1.2.4.2.8 y 2.2.1.2.4.2.17 del Decreto 1082 de 2015 (Factores de desempate)*	2
D. PORCENTAJE DE TRABAJADORES CON DISCAPACIDAD CON POR LO MENOS UN (1) AÑO DE VINCULACIÓN O DESDE EL MOMENTO DE LA CONSTITUCIÓN DE LA PERSONA JURÍDICA CUANDO ESTA ES INFERIOR A UN (1) AÑO: *(C / A) x 100 - Escribir el porcentaje con dos decimales.*	9,52%

ADVERTENCIA: Recuerde que, en caso de ser beneficiado con puntajes adicionales y/o del sistema de preferencias en algún proceso de licitación pública, concurso de méritos, adjudicación y celebración de contratos, el número de trabajadores con discapacidad que dio lugar a la obtención al beneficio verificado por esta Dirección Territorial, deberámantenerse como mínimo por un lapso igual al termino de ejecución del contrato. CD01702

Corresponderá a la Entidad o Empresa contratante verificar lo antes señalado, por lo cual, el contratista deberá aportar la documentación que le sea solicitada y que acredite el cumplimiento de lo establecido, conforme con lo establecido en los artículos 2.2.1.2.4.2.7 y 2.2.1.2.4.2.17 (numeral 3) del Decreto 1082 de 2015.

El Ministerio del Trabajo ejercerá la Inspección, Vigilancia y Control en los asuntos de su competencia.

La vigencia de la presente constancia es de Seis (6) Meses contados a partir de la fecha de expedición y para su validez se debe dar estricto cumplimiento al artículo 2.2.1.2.4.2.7 del Decreto 1082 de 2015

Dado en, Bogotá D.C. el martes, 3 de septiembre de 2024

CARLOS ARTURO RIVEROS MARTINEZ

Verificó y Elaboró: M.Guataquira.

aportes en línea

Planilla Resumen

DATOS GENERALES DEL APORTANTE

Identificación	dv	Razon Social	Clase Aportante	Sucursal Principal	Direccion	Ciudad-Departamento	Teléfono	Exonerado SENA e ICBF
NIT 830128894	1	GESTION RURAL Y URBANA S.A.S	B - MENOS DE 200 COTIZANTES	ADMINISTRACION	CRA.32 No. 25B-45	BOGOTA-BOGOTA D.E.	2441734	Si

DATOS GENERALES DE LA LIQUIDACION

Periodo		Clave		Tipo	Fecha		Pago		
Pensión	Salud	Pago	Planilla	Planilla	Limite	Pago	Banco	Dias Mora	Valor
2024-10	2024-11	1074560562	9477280177	E	2024/11/26	2024/11/25	BANCO DE BOGOTA	0	$8,397,200

LIQUIDACION DETALLADA DE APORTES

EMPLEADO				NOVEDADES																	PENSION				SALUD				CCF				RIESGOS					PARAFISCALES				
No.	Identificación	Nombre	ing	ret	tde	tae	tdp	tap	vsp	cor	vst	sln	ige	lma	vac	avp	vct	irl	vip	Codigo	Días	IBC	Aporte	Codigo	Dias	IBC	Aporte	Codigo	Días	IBC	Aporte	Codigo	Días	IBC	Tarifa	Aporte	Días	IBC	Aporte	Exonerado SENA e ICBF	Total Aportes
SUCURSAL: ADMINISTRACION (8 Afiliados)																						**$13,950,000**	**$2,232,000**			**$19,250,000**	**$770,000**			**$19,250,000**	**$770,000**			**$19,250,000**		**$802,700**		**$0**	**$0**		**$4,574,700**
Centro de Trabajo: 0.52200 (2 Afiliados)																						**$3,250,000**	**$520,000**			**$7,250,000**	**$290,000**			**$7,250,000**	**$290,000**			**$7,250,000**		**$37,900**		**$0**	**$0**		**$1,137,900**
Ciudad: BOGOTA Depto: BOGOTA D.E. (2 Afiliados)																						**$3,250,000**	**$520,000**			**$7,250,000**	**$290,000**			**$7,250,000**	**$290,000**			**$7,250,000**		**$37,900**		**$0**	**$0**		**$1,137,900**
1	CC	19265723	CASTILLO GILDARDO																		0	$0	$0	EPS008	30	$4,000,000	$160,000	CCF24	30	$4,000,000	$160,000	14-25	30	$4,000,000	0.522%	$20,900	30	$0	$0	Si	$340,900
2	CC	1015408199	GUERRERO ANDRES																	231001	30	$3,250,000	$520,000	EPS008	30	$3,250,000	$130,000	CCF24	30	$3,250,000	$130,000	14-25	30	$3,250,000	0.522%	$17,000	30	$0	$0	Si	$797,000
Centro de Trabajo: 6.96000 (4 Afiliados)																						**$9,300,000**	**$1,488,000**			**$9,300,000**	**$372,000**			**$9,300,000**	**$372,000**			**$9,300,000**		**$647,300**		**$0**	**$0**		**$2,879,300**
Ciudad: BOGOTA Depto: BOGOTA D.E. (4 Afiliados)																						**$9,300,000**	**$1,488,000**			**$9,300,000**	**$372,000**			**$9,300,000**	**$372,000**			**$9,300,000**		**$647,300**		**$0**	**$0**		**$2,879,300**
3	CC	52150750	ABRIL SANDRA																	25-14	30	$3,300,000	$528,000	EPS008	30	$3,300,000	$132,000	CCF24	30	$3,300,000	$132,000	14-25	30	$3,300,000	6.960%	$229,700	30	$0	$0	Si	$1,021,700
4	CC	1032458205	CASTILLO JAVIER																	230301	30	$2,000,000	$320,000	EPS008	30	$2,000,000	$80,000	CCF24	30	$2,000,000	$80,000	14-25	30	$2,000,000	6.960%	$139,200	30	$0	$0	Si	$619,200
5	CC	79279249	PINZON JORGE																	25-14	30	$2,500,000	$400,000	EPS005	30	$2,500,000	$100,000	CCF24	30	$2,500,000	$100,000	14-25	30	$2,500,000	6.960%	$174,000	30	$0	$0	Si	$774,000
6	CC	1025140201	SANABRIA JUAN																	25-14	30	$1,500,000	$240,000	EPS017	30	$1,500,000	$60,000	CCF24	30	$1,500,000	$60,000	14-25	30	$1,500,000	6.960%	$104,400	30	$0	$0	Si	$464,400
Centro de Trabajo: CENTRO TRABAJO 4 (2 Afiliados)																						**$1,400,000**	**$224,000**			**$2,700,000**	**$108,000**			**$2,700,000**	**$108,000**			**$2,700,000**		**$117,500**		**$0**	**$0**		**$557,500**
Ciudad: BOGOTA Depto: BOGOTA D.E. (2 Afiliados)																						**$1,400,000**	**$224,000**			**$2,700,000**	**$108,000**			**$2,700,000**	**$108,000**			**$2,700,000**		**$117,500**		**$0**	**$0**		**$557,500**
7	CC	11451027	MORENO LUIS																	231001	30	$1,400,000	$224,000	EPS005	30	$1,400,000	$56,000	CCF24	30	$1,400,000	$56,000	14-25	30	$1,400,000	4.350%	$60,900	30	$0	$0	Si	$396,900
8	CC	19105350	SEGURA RAFAEL																		0	$0	$0	EPS005	30	$1,300,000	$52,000	CCF24	30	$1,300,000	$52,000	14-25	30	$1,300,000	4.350%	$56,600	30	$0	$0	Si	$160,600

LIQUIDACION DETALLADA DE APORTES

EMPLEADO				NOVEDADES																	PENSION				SALUD				CCF				RIESGOS					PARAFISCALES				
No.	Identificación	Nombre	ing	ret	tde	tae	tdp	tap	vsp	cor	vst	sln	ige	lma	vac	avp	vct	irl	vip	Codigo	Días	IBC	Aporte	Codigo	Dias	IBC	Aporte	Codigo	Días	IBC	Aporte	Codigo	Días	IBC	Tarifa	Aporte	Días	IBC	Aporte	Exonerado SENA e ICBF	Total Aportes
SUCURSAL: LLEGA SAS (7 Afiliados)																						**$9,505,226**	**$1,521,100**			**$9,505,226**	**$378,700**			**$9,535,782**	**$379,900**			**$9,505,226**		**$658,900**		**$0**	**$0**		**$2,938,600**
Centro de Trabajo: 005 (7 Afiliados)																						**$9,505,226**	**$1,521,100**			**$9,505,226**	**$378,700**			**$9,535,782**	**$379,900**			**$9,505,226**		**$658,900**		**$0**	**$0**		**$2,938,600**
Ciudad: BOGOTA Depto: BOGOTA D.E. (7 Afiliados)																						**$9,505,226**	**$1,521,100**			**$9,505,226**	**$378,700**			**$9,535,782**	**$379,900**			**$9,505,226**		**$658,900**		**$0**	**$0**		**$2,938,600**
9	CC	80029685	ACOSTA OSCAR									X								230201	1	$43,334	$7,000	EPSC34	1	$43,334	$0	CCF24	1	$43,334	$0	14-25	1	$43,334	0.000%	$0	1	$0	$0	Si	$7,000
10	CC	80029685	ACOSTA OSCAR								X									230201	29	$1,423,406	$227,800	EPSC34	29	$1,423,406	$57,000	CCF24	29	$1,423,406	$57,000	14-25	29	$1,423,406	6.960%	$99,100	29	$0	$0	Si	$440,900
11	CC	1001580527	ECHAVARRIA DUBERNEY								X									230301	30	$1,314,130	$210,300	EPSC34	30	$1,314,130	$52,600	CCF24	30	$1,314,130	$52,600	14-25	30	$1,314,130	6.960%	$91,500	30	$0	$0	Si	$407,000
12	CC	1032434825	LIEVANO KATHERINE	X	X														X	230301	11	$733,334	$117,400	EPS002	11	$733,334	$29,400	CCF24	11	$763,890	$30,600	14-25	11	$733,334	6.960%	$51,100	11	$0	$0	Si	$228,500
13	CC	1077645657	ORTIZ HENRY																	230301	30	$1,300,000	$208,000	EPS002	30	$1,300,000	$52,000	CCF24	30	$1,300,000	$52,000	14-25	30	$1,300,000	6.960%	$90,500	30	$0	$0	Si	$402,500
14	CC	8189350	PINTO JOSE																	230201	30	$1,740,000	$278,400	EPS002	30	$1,740,000	$69,600	CCF24	30	$1,740,000	$69,600	14-25	30	$1,740,000	6.960%	$121,200	30	$0	$0	Si	$538,800
15	CC	1012331193	SANCHEZ ALEXANDER	X							X									230301	24	$1,076,739	$172,300	EPS037	24	$1,076,739	$43,100	CCF24	24	$1,076,739	$43,100	14-25	24	$1,076,739	6.960%	$75,000	24	$0	$0	Si	$333,500
16	CC	98612668	VILORIA JHON								X									230301	30	$1,874,283	$299,900	EPS017	30	$1,874,283	$75,000	CCF24	30	$1,874,283	$75,000	14-25	30	$1,874,283	6.960%	$130,500	30	$0	$0	Si	$580,400

LIQUIDACION DETALLADA DE APORTES

EMPLEADO				NOVEDADES																	PENSION				SALUD				CCF				RIESGOS					PARAFISCALES				
No.	Identificación	Nombre	ing	ret	tde	tae	tdp	tap	vsp	cor	vst	sln	ige	lma	vac	avp	vct	irl	vip	Codigo	Días	IBC	Aporte	Codigo	Dias	IBC	Aporte	Codigo	Días	IBC	Aporte	Codigo	Días	IBC	Tarifa	Aporte	Días	IBC	Aporte	Exonerado SENA e ICBF	Total Aportes
SUCURSAL: AEROCIVIL NUQUI (2 Afiliados)																						**$1,473,334**	**$235,800**			**$1,473,334**	**$7,000**			**$1,585,278**	**$11,500**			**$1,473,334**		**$12,200**		**$0**	**$0**		**$266,500**

| | | |

aportes en línea

Planilla Resumen

DATOS GENERALES DEL APORTANTE

Identificación	dv	Razon Social	Clase Aportante	Sucursal Principal	Direccion	Ciudad-Departamento	Teléfono	Exonerado SENA e ICBF
NIT 830128894	1	GESTION RURAL Y URBANA S.A.S	B - MENOS DE 200 COTIZANTES	ADMINISTRACION	CRA.32 No. 25B-45	BOGOTA-BOGOTA D.E.	2441734	Si

DATOS GENERALES DE LA LIQUIDACION

Periodo		Clave		Tipo	Fecha		Pago		
Pensión	Salud	Pago	Planilla	Planilla	Limite	Pago	Banco	Dias Mora	Valor
2024-10	2024-11	1074560562	9477280177	E	2024/11/26	2024/11/25	BANCO DE BOGOTA	0	$8,397,200

RESUMEN DE PAGO

RIESGO	CODIGO	NIT	DV	AFILIADOS	VALOR LIQUIDADO	INTERESES MORA	SALDOS E INCAPACIDADES	VALOR A PAGAR
AFP (ADMINISTRADORAS: 4)				18	$4,319,100	$0	$0	$4,319,100
COLFONDOS	231001	800,227,940	6	2	$744,000	$0	$0	$744,000
COLPENSIONES	25-14	900,336,004	7	3	$1,168,000	$0	$0	$1,168,000
PORVENIR	230301	800,224,808	8	9	$1,585,100	$0	$0	$1,585,100
PROTECCION	230201	800,229,739	0	4	$822,000	$0	$0	$822,000
ARL (ADMINISTRADORAS: 1)				20	$1,602,300	$0	$0	$1,602,300
COLMENA	14-25	800,226,175	3	20	$1,602,300	$0	$0	$1,602,300
CCF (ADMINISTRADORAS: 2)				20	$1,239,200	$0	$0	$1,239,200
COMFACHOCÓ	CCF29	891,600,091	8	2	$11,500	$0	$0	$11,500
COMPENSAR	CCF24	860,066,942	7	18	$1,227,700	$0	$0	$1,227,700
EPS (ADMINISTRADORAS: 7)				20	$1,236,600	$0	$0	$1,236,600
CAPITAL SALUD	EPSC34	900,298,372	9	2	$109,600	$0	$0	$109,600
COMFACHOCÓ	CCFC20	891,600,091	8	1	$3,500	$0	$0	$3,500
COMPENSAR	EPS008	860,066,942	7	5	$507,400	$0	$0	$507,400
FAMISANAR	EPS017	830,003,564	7	3	$182,800	$0	$0	$182,800
NUEVA E.P.S.	EPS037	900,156,264	2	3	$74,300	$0	$0	$74,300
SALUD TOTAL	EPS002	800,130,907	4	3	$151,000	$0	$0	$151,000
SANITAS	EPS005	800,251,440	6	3	$208,000	$0	$0	$208,000
TOTAL				**20**	**$8,397,200**	**$0**	**$0**	**$8,397,200**

La salud es de todos | Minsalud

CERTIFICADO DE DISCAPACIDAD

a. DATOS PERSONALES DEL SOLICITANTE

1.1 Primer nombre	1.2 Segundo nombre	1.3 Primer apellido	1.4 Segundo apellido
LUIS	CARLOS	MORENO	ROZO

1.5 Documento de identidad

Certificado de Nacido Vivo		Registro civil		Tarjeta de identidad		Cédula de ciudadanía	X	Cédula de extranjería		Pasaporte		Carnet diplomático		Permiso especial de permanencia	

Número de documento de identidad:	11451027

b. LUGAR Y FECHA DE LA CERTIFICACIÓN

2.1 IPS donde se realiza la certificación	2.2 Fecha		
	Año	Mes	Día
SUBRED INTEGRADA DE SERVICIOS DE SALUD NORTE E.S.E	2021	11	12

2.3 Departamento	2.4 Municipio
BOGOTÁ, D.C.	BOGOTÁ, D.C.

c. CATEGORIA DE DISCAPACIDAD

Física	SI	X	NO	
Visual	SI		NO	X
Auditiva	SI		NO	X
Intelectual	SI		NO	X
Psicosocial (Mental)	SI		NO	X
Sordoceguera	SI		NO	X
Múltiple	SI		NO	X

d. NIVEL DE DIFICULTAD EN EL DESEMPEÑO

Dominio	Porcentaje
Cognición	0.00
Movilidad	35.00
Cuidado Personal	31.25
Relaciones	20.00
Actividades de la Vida Diaria	25.00
Participación	65.63
GLOBAL	29.48

e. PERFIL DE FUNCIONAMIENTO

1. Codigos Funciones Corporales

b799.2

2. Codigos Estructuras Corporales

s799.372

3. Codigos Actividades y Participación

d4600.1 d4602.2 d910.2

La salud es de todos | Minsalud

CERTIFICADO DE DISCAPACIDAD

f. FIRMAS DE LOS PROFESIONALES DEL EQUIPO MULTIDISCIPLINARIO DE SALUD

Nombre	Profesión	Firma
MAYEARLY EFIGENIA ALVAREZ SOTO	Enfermería	CC-1032371656
STEPHANIE DURAN BARRAGAN	Psicología	CC-1032443896 Psicóloga Stephanie Durán Barragán T.P. 147894
ADRIANA ALEXANDRA PACHECO ESPINOSA	Medicina	CC-52415214

g. FIRMA DEL SOLICITANTE O REPRESENTANTE LEGAL

Yo, *LUIS CARLOS MORENO ROZO* manifiesto que: *SI*

estoy de acuerdo con el resultado de la certificación que abajo firmo.

Luis Carlos Moreno Rozo cc. 11451027

Nombre y Firma Documento: CC-11451027

Autorizó el uso de la información consignada en el Registro de Discapacidad para los fines definidos en la normatividad que lo regula. *SI*

El certificado de discapacidad no se empleará como medio para el reconocimiento de las prestaciones económicas y asistenciales de los Sistemas Generales de Pensiones o de Riesgos Laborales ni para la calificación de la perdida de capacidad laboral y ocupacional.
Sin las firmas requeridas el certificado de discapacidad no tendra validez

GRU S.A.S.
GESTIÓN RURAL Y URBANA S.A.S.

Bogotá D.C., 15 de diciembre de 2023.

Señor
LUIS CARLOS MORENO ROZO
Bogotá D.C.

Asunto: Renovación contrato a término fijo inferior a un año.

Respetado Luis Carlos:

Teniendo en cuenta que su contrato firmado con la empresa es a término fijo inferior a un año, le comunicamos que éste será renovado por un término igual al inicialmente pactado, finalizando el 28 de enero de 2025.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante Legal

c.c. Hoja de vida

Luis C Moreno
cc 1145 1027

ANEXO #4


ICA Sede Magangué
28 de noviembre de 2024 3:35 p. m.


ICA
ICA Sede Magangué
28 de noviembre de 2024 3:34 p. m.

REGISTRO DE ASISTENCIA A ENTRENAMIENTO Y CAPACITACION

GRU
GESTION RURAL Y URBANA SAS

F-GTH-05-VER-05

Ciudad y Fecha: 28-Nov-2024 Intensidad: 1 hora

Facilitador: Arquitecta Karen Arias - Residente

ACTIVIDAD		TEMAS TRATADOS
	Inducción Inicial	(__) Sistema de Gestión de Calidad - SGC; (__) Reglamento Interno De Trabajo; (__) Reglamento De Higiene y Seguridad Industrial; (__) Política y objetivos del SG-SST (__) Política prevención consumo alcohol, tabaco, sustancias psicoactivas (__) COPASST (__) Plan De Emergencias, (__) Notificación de Riesgos; (__) Responsabilidades en Seguridad y Salud en el Trabajo, (__) Responsabilidades en Manejo De Personal y en el SGC , (__) Identificación de peligros y riesgos; (__) Prevención de accidentes de trabajo y enfermedades laborales (__) Sistema General de Seguridad Social, (__)Normas De Seguridad y salud en el Trabajo, (__)Procesos y Procedimientos; (__) Especificaciones Técnicas y/o Reglamentarias; (__) Manejo ambiental; (__) Acciones correctivas accidentes / incidentes de trabajo; (__) Acciones correctivas inspecciones.
	Reinducción	
	Charla de 5 minutos	
	Curso /Taller	
	Capacitación	
	Otro, Cual?_____	Otro Cual? Socializacion de Proyecto a los funcionarios de entidad.
DOCUMENTOS ENTREGADOS		Perfil de cargo (__) Formatos y documentos del SG- SST (__) Formatos y documentos del SGC (__) Hojas de seguridad (__) Fichas técnicas (__)
EVALUACION DE LA EFICACIA		

NOMBRE DEL TRABAJADOR	CARGO	FIRMA
Alvaro Vezcaso Ayala	Aux Admtvo 4044/11	
Jessica Cadavid B.	Tec. Campo	
Miguel Guarin Chacón	Guarda de Seguridad	
Emilio Turbay Cano	Profesional	
Eliecer Melendez-	Guarda Seguridad	Elicer A. Melendez C.
Wilson Rojas Deoz	Operario Calificado	
Lorraines Barrios Campo	S.S.T. Contratista	Lorraines Barrios
Jennifer Torregrosa H	Residente Interventor	

Karen Arias
FACILITADOR

Powered by CamScanner

ANEXO #5

CARTA DE COMPROMISO DE CUMPLIMIENTO COMO CONTRATISTAS DE SALUD OCUPACIONAL DESCRITA EN EL ANEXO TÉCNICO NO. 1 NÚMERAL 6.9

Señores
INSTITUTO COLOMBIANO AGROPECUARIO (ICA)
Bogotá D.C.

Ref. CONTRATO D EOBRA PÚBLICA GGC-089-2024

Objeto: "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

El suscrito Gildardo Castillo Sánchez actuando como representante legal de GESTION RURAL Y URBANA SAS, de acuerdo con el Numeral 6.9 del ANEXO TECNICO No. 1, me comprometo bajo la gravedad del juramento a dar cumplimiento a la normativa vigente, referente a salud ocupacional, bioseguridad y seguridad industrial de todo el personal que trabaje para la firma, así como de cada uno de los subcontratistas que intervengan en la ejecución del contrato. De igual forma se suministrarán los insumos y equipos para la implementación de los protocolos de bioseguridad por covid-19, teniendo en cuenta la normativa nacional y departamental vigente.

Atentamente,

Nombre del proponente	GESTION RURAL Y URBANA SAS
Nombre del representante legal	Gildardo Castillo Sánchez
C. C.	No. 19.265.723 de Bogotá D.C.
Dirección de correo	Crr 32 No. 25B - 45
Correo electrónico	grusas@gru.com.co
Telefax	2441734
Ciudad	Bogotá D.C.

(Firma del Proponente o de su representante legal)

ANEXO #6

GESTION RURAL Y URBANA S.A.S

NIT. 830.128.894-1



"ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR

PLAN DE MANEJO AMBIENTAL

VERSIÓN 0.0

ELABORO	REVISÓ	APROBÓ
		
JOSÉ ROBERTO DÍAZ CAMARGO	JAVIER FELIPE CASTILLO SANCHEZ GUTIERREZ	GILDARDO CASTILLO SÁNCHEZ
DIRECTOR PROYECTOS AMBIENTALES	DIRECTOR DE OBRA	REPRESENTANTE LEGAL
07/11/2024	08/11/2024	08/11/2024

CONTROL DE CAMBIOS

FECHA	CÓDIGO	VERSION	CAMBIOS

TABLA DE CONTENIDO

1. *INTRODUCCIÓN* _____ 4
2. *OBJETIVOS* _____ 5
3. *ALCANCE DEL PMA* _____ 6
4. *NORMATIVIDAD APLICABLE* _____ 7
5. *METODOLOGÍA* _____ 13
6. *DESCRIPCION DEL PROYECTO* _____ 15
7. *IDENTIFICACION Y EVALUACION DE IMPACTOS* _____ 21
8. *PLANES Y/PROGRAMAS DE ACCION* _____ 25
9. *BIBLIOGRAFIA* _____ 53

1. INTRODUCCIÓN

El INSTITUTO COLOMBIANO AGROPECUARIO – ICA, suscribió con GESTION RURAL Y URBANA SAS S.A.S**”** , el “ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”Mediante el contrato de obra publica No. GGC-089-2024, con un plazo de ejecución de dos (2) meses, enmarcado dentro del cumplimiento de requisitos legales ambientales.

Con el objetivo de dar cumplimiento a las condiciones contractuales suscritas, GRU SAS presenta el plan de manejo ambiental, dando cumplimiento a las obligaciones contractuales requeridas en los documentos del proceso y en la minuta del contrato (Estudios previos, pliego de condiciones, anexo técnico, etc) en donde se determina presentar un plan de manejo ambiental desarrollado dentro de los términos de este documiento.

2. OBJETIVOS

2.1. OBJETIVO GENERAL

El presente documento tiene como objeto la presentación del Plan de Manejo Ambiental (PMA) durante la ejecución del “ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”, con el fin de mitigar, corregir y compensar los impactos ambientales que se puedan generar durante el desarrollo del proyecto, que consiste en ejecutar todas las actividades de acabados, redes eléctricas e hidrosanitarias,

2.2. OBJETIVO ESPECIFICO

- Realizar una caracterización técnica del proyecto.
- Establecer el área de influencia del proyecto.
- Describir las características físicas, bióticas y socioeconómicas del medio ambiente existente.
- Identificar y evaluar los impactos ambientales potenciales positivos y negativos para las etapas de construcción, operación y abandono del proyecto.
- Diseñar un Plan de Manejo Ambiental donde se establezca un conjunto de sub programas que contengan las medidas preventivas, de mitigación y correctivas para los impactos ambientalmente significativos, de manera tal que se garantice la sostenibilidad del proyecto.

3. ALCANCE DEL PMA

El Plan de Manejo Ambiental– PMA para las obras de “ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”, cumple con los lineamientos legales vigentes en materia ambiental.

Este documento se elaboró bajo la lógica de optimizar y racionalizar el uso de los recursos naturales y culturales, desarrollando las medidas necesarias para prevenir, mitigar, controlar y compensar los impactos negativos que puede ocasionar el desarrollo del proyecto al ejecutar todas las actividades de desmonte y monstaje de estructuras (puertas, cubiertas en teja etc.) ya sean de madera o metálicas y/o, otro material de acabados, redes eléctricas e hidrosanitarias, lo anterior con el fin de caracterizar cada una de las edificaciones que componen el proyecto.

El alcance del Plan de Manejo Ambiental- PMA- es el siguiente:

- Descripción de las principales características del proyecto.
- Identificación de las principales actividades del proyecto.
- Los impactos dimensionados y evaluados cualitativa y cuantitativamente, de tal forma que se estableció el grado de afectación, frente a la susceptibilidad de los sistemas.
- Elaboración de fichas que incluyan los diferentes programas de manejo ambiental encaminados a prevenir, mitigar y compensar los impactos ambientales.
- Elaboración de las fichas y formatos de control y seguimiento del programa de manejo ambiental.
- Definición de indicadores, responsables de medición y cumplimiento de cada programa como también las actividades específicas a desarrollar durante la ejecución de las obras.

4. NORMATIVIDAD APLICABLE

El marco normativo vigente considerado para la elaboración del PMA, compuesto por normas ambientales de carácter general y las específicas para los aspectos de suelo, aire, agua, residuos sólidos y líquidos, vegetación, fauna, paisaje, aspectos sociales y legislación competente para seguridad y salud ocupacional, hace parte de los antecedentes del proyecto y se presentan en tabla 1.

Tabla 1. Marco referencial legal

NORMA	EXPEDIDA POR	TEMA TRATADO
Normas generales o marco.		
Declaración Sobre El Medio Ambiente Y El Desarrollo	Legislación internacional	Aprobada por la Asamblea General durante la Cumbre de Río de Janeiro celebrado del 3 al 14 de junio de 1992. Esta declaración se basa en la Conferencias de Naciones Unidas sobre el Medio ambiente y el Desarrollo, también conocida como una de las Cumbres de la Tierra, celebrada en Estocolmo (Suecia) del 5 al 16 de junio de 1972.
Convenio RAMSAR	Legislación internacional	Firmado en la ciudad de Ramsar (Irán) el 2 de febrero de 1971 por la comunidad internacional, que entró en vigor el 21 de diciembre de 1975. Convención relativa a los humedales de importancia internacional, especialmente como hábitat de aves acuáticas.
Constitución Política de Colombia 1991	Presidencia de la República	En la cual se incluye el Capítulo III. Derechos Colectivos y del Ambiente.
		Artículos 1, 7 y 8 señala los principios fundamentales como la precisión que Colombia es un estado social de derecho, participativo y con prevalencia de interés general; igualmente que el estado reconoce y protege la diversidad étnica y cultural de la nación colombiana y la corresponsabilidad entre el estado y las personas para proteger las riquezas culturales y naturales de la nación.
		Artículo 58; La propiedad es una función social que implica obligaciones, como tal le es inherente una función ecológica
		Artículo 79 y 80 de la Carta Fundamental señala el derecho colectivo a un ambiente sano y la obligación de garantizar la participación de la comunidad en las decisiones en que puedan afectarla, así como el deber de proteger la biodiversidad e integridad del ambiente, además del fomento de la educación para lograr estos fines
		Artículo 332 de la Constitución política señala que el estado es propietario del subsuelo y de los recursos naturales no renovables.

Ley 99 de 1993	Ministerio de Ambiente, Vivienda y Desarrollo Territorial	Por la cual se crea el Ministerio del Medio Ambiente y se reordena el sector público encargado de la Gestión y Conservación el Medio Ambiente y los Recursos Naturales Renovables. En el artículo 13 numeral 5 de la última norma se establece la función de diseñar y promover al interior de los sectores productivos estrategias para la adopción de mejores prácticas ambientales orientadas a mejorar la competitividad, productividad, autogestión e internalización de costos ambientales, como es el caso de esta guía ambiental.
Decreto 1076 de 2015	Ministerio de Ambiente y Desarrollo Sostenible	Por medio del cual se expide el Decreto Único Reglamentario del Sector Ambiente y Desarrollo Sostenible.
Normas sobre los recursos naturales renovables, la protección del medio ambiente y su administración.		
Decreto Ley 2811 de 1974	INDERENA	"Código de los Recursos Naturales Renovables y del Medio Ambiente", en el que se establecen las pautas necesarias para la conservación de los diferentes sistemas naturales que constituyen el medio ambiente. Regula integralmente la gestión ambiental y el manejo de los recursos renovables (agua, bosque, suelos, fauna, etc.).
Decreto 877 de 1976	Ministerio de Agricultura	Sobre áreas de reserva y uso del recurso forestal.
Ley 2 de 1959	Congreso Nacional	Por el cual se dictan normas sobre economía forestal de la Nación y conservación de recursos naturales renovables.
Decreto 1449 de 1977	Presidencia de la República	Sobre las obligaciones de los propietarios en relación con los recursos naturales renovables.
Decreto 1608 de 1978		Reglamentario sobre fauna silvestre.
Decreto 1681 de 1978		Reglamentario sobre recursos hidrobiológicos (no pesqueros).
Decreto 1791 de 1996	Presidencia de la República	Por medio del cual se establece el régimen de aprovechamiento forestal.
Resolución 573 de 1977	Ministerio de Ambiente y Desarrollo Sostenible	Por la cual se establece el procedimiento de los permisos a que se refiere la Convención sobre el Comercio Internacional de Especies Amenazadas de Fauna y Flora Silvestres -CITES-, y se dictan otras disposiciones.
Decreto 2372 de 2010	Ministerio de Ambiente y Desarrollo Sostenible	Por el cual se reglamenta el Decreto Ley 2811 de 1974, la Ley 99 de 1993, la Ley 165 de 1994 y el Decreto Ley 216 de 2003, en relación con el Sistema Nacional de Áreas Protegidas, las categorías de manejo que lo conforman y se dictan otras disposiciones.
Resolución 1503 de 2010	Ministerio de Ambiente y Desarrollo Sostenible	Por la cual se adopta la Metodología General para la Presentación de Estudios Ambientales y se adoptan otras determinaciones.

Resolución 1517 de 2012	Ministerio de Ambiente y Desarrollo Sostenible	Por el cual se adopta el "Manual para la Asignación de Compensaciones por pérdida de Biodiversidad.
Resolución 1415 de 2012	Ministerio de Ambiente y Desarrollo Sostenible	Por la cual se modifica y actualiza el modelo de almacenamiento geográfico (Geodatabase) contenido en la Metodología General para la presentación de Estudios Ambientales adoptada mediante la Resolución 1503 de 2010.
Resolución 188 de 2013	Autoridad Nacional de Licencias Ambientales – ANLA –	Adopta y actualiza el modelo y almacenamiento geográfico (Geodatabase), donde coincide con las capas de cobertura, geomorfopedología y zonificación climática del Estudio de impacto Ambiental.
Decreto 3016 de 2013	Ministerio de Ambiente y Desarrollo Sostenible	Por el cual se reglamenta el Permiso de Estudio para la recolección de especímenes de especies silvestres de la diversidad biológica con fines de Elaboración de Estudios Ambientales.
Resolución 0192 de 2014	Ministerio de Ambiente y Desarrollo Sostenible	Por la cual se establece el listado de especies silvestres amenazadas de la Diversidad Biológica Colombiana que se encuentran en el Territorio Nacional.
Decreto 1715 de 1978	Presidencia de la República	Reglamentario sobre protección del paisaje.
Decreto 2340 de 1984		Por el cual se aclara el Decreto 1594 del 26 de junio de 1984.
Decreto 1865 del 1994		Por el cual se regulan los planes regionales ambientales de las Corporaciones Autónomas Regionales y de las de Desarrollo Sostenible y su armonización con la gestión ambiental territorial.
Normas sobre licencias ambientales		
Decreto 1220 de 2005	Presidencia de la República	Reglamenta el título VIII de la ley 99 de 1993 sobre la licencia Ambiental
Decreto 500 de 2006	Presidencia de la República	Se reglamenta las licencias ambientales
Resolución 2202 de 2006	Ministerio del Medio Ambiente	Por la cual se adoptan los formularios únicos nacionales para la obtención de permisos, concesiones y autorizaciones para el uso y/o aprovechamiento de los recursos naturales renovables y de control del medio ambiente.
Normar de Escombros, Material reutilizable, Material Reciclable y Basuras		
Ley 430 de 1994	Ministerio del Medio Ambiente	Regulación sobre los Residuos Peligrosos
Decreto 1140 de 2003	Presidencia de la República	Se refiere al almacenamiento de los residuos sólidos.
Decreto 838 de 2005	Presidencia de la República	Sobre disposición final de residuos sólidos y se dictan otras disposiciones.
Decreto 2981 de 2013	Presidencia de la República	Se reglamenta la prestación del servicio público de aseo

Decreto 4741 de 2005	Presidencia de la República	Por el cual se reglamenta parcialmente la prevención y el manejo de los residuos o desechos peligrosos generados en el marco de la gestión integra
Resolución 0541 de 1994	Ministerio del Medio Ambiente	Por la cual se regula el cargue, descargue, transporte, almacenamiento y disposición final de escombros, materiales, elementos, concretos y agregados sueltos de construcción, de demolición y capa orgánica, suelo y subsuelo de excavación.
Normas Sobre Manejo Y Control De Emisiones Atmosféricas		
Decreto 02 de 1982	Presidencia de la República	Reglamenta las normas de emisión y calidad de Aire.
Decreto 948 de 1995	Presidencia de la República	Reglamentario de las Leyes 23 de 1973, 9 de 1979 y 99 de 1993 sobre protección de la calidad del aire.
Resolución 898 de 1995	Ministerio del Medio Ambiente	Regula los criterios ambientales de calidad de los combustibles líquidos y sólidos utilizados en hornos y calderas de uso comercial e industrial y en motores de combustión interna de vehículos automotores.
Resolución 1351 de 1995	Ministerio del Medio Ambiente	Por la cual se adopta la declaración denominada "Informe de Estado de Emisiones".
Resolución 627 de 2008	Ministerio del Medio Ambiente	Se establece la norma nacional de emisión de ruido y ruido ambiental.
Decreto 1228 de 1997	Ministerio del Medio Ambiente	Reglamenta la protección y control de la calidad del aire.
Resolución 8321 de 1993	Ministerio de Salud	Fija los requerimientos para el control de ruido y establece normas sobre protección y conservación de la audición, de la salud y el bienestar de las personas por la emisión de ruido.
Resolución 910 de 2008	Ministerio de Ambiente, Vivienda y Desarrollo Territorial	Por la cual se reglamentan los niveles permisibles de emisión de contaminantes que deberán cumplir las fuentes móviles terrestres, se reglamenta el artículo 91 del Decreto 948 de 1995 y se adoptan otras disposiciones.
Resolución 910 de 2008	Ministerio de Ambiente, Vivienda y Desarrollo Territorial	Por la cual se reglamentan los niveles permisibles de emisión de contaminantes que deberán cumplir las fuentes móviles terrestres, se reglamenta el artículo 91 del Decreto 948 de 1995 y se adoptan otras disposiciones.
Resolución 020 de 1996	Ministerio de Medio Ambiente	Mediante la cual se aclara la Resolución 1602 del 21 de diciembre de 1995 y se dictan otras disposiciones.
Manejo de Materiales de Construcción		
Ley 685 de 2001	El Congreso de Colombia	Código de Minas y se dictan otras disposiciones
Resolución 1609 del 2002	Ministerio de Transporte	Por la cual se reglamenta el manejo y transporte terrestre automotor de mercancías peligrosas por carretera
Resolución 1257 de 2021	Ministerio de Ambiente y Desarrollo Sostenible	Por la cual se modifica la Resolución 0472 de 2017 sobre la gestión integral de Residuos de Construcción y Demolición – RCD y se adoptan otras disposiciones.
Normas Sobre Vertimientos Líquidos y Manejo de residuos líquidos, combustibles y Aceites		

Decreto 2858 de 1981	Presidencia de la República	Por el cual se reglamenta parcialmente el Artículo 56 del Decreto-Ley 2811 de 1974 y se modifica el Decreto 1541 de 1978
Resolución 0273 de 1997	Ministerio de Medio Ambiente	Por la cual se fijan las tarifas mínimas de las tasas retributivas por vertimientos líquidos para los parámetros Demanda Bioquímica de Oxígeno (DBO) y Sólidos Suspendidos Totales (SST).
Decreto 1594 de 1984	Ministerio de Medio Ambiente	por el cual se reglamenta parcialmente el Título I de la Ley 09 de 1979, así como el Capítulo II del Título VI - Parte III - Libro II y el Título III de la Parte III Libro I del Decreto 2811 de 1974 en cuanto a usos del agua y residuos líquidos.
Decreto 321 de 1999	Presidencia de la República	Por el cual se adopta el Plan Nacional de Contingencia contra derrames de Hidrocarburos, Derivados y Sustancias Nocivas.
Norma sobre Manejo de Aguas Superficiales		
Decreto 1541 de 1978	Presidencia de la República	Por el cual se reglamenta la Parte III del Libro II del Decreto - Ley 2811 de 1974: "De las aguas no marítimas" y parcialmente la Ley 23 de 1973.
Ley 373 de 1997	Congreso de La Republica	Por la cual se establece el programa para el uso eficiente y ahorro del agua.
Ley 357 de 1997	Congreso de La Republica	Por medio de la cual se aprueba la "Convención Relativa a los Humedales de Importancia Internacional Especialmente como Hábitat de Aves Acuáticas", suscrita en Ramsar el dos (2) de febrero de mil novecientos setenta y uno (1971)
Decreto 1729 de 2002	Presidencia de la República	"Por el cual se reglamenta la Parte XIII, Título 2, Capítulo III del Decreto-ley 2811 de 1974 sobre cuencas hidrográficas, parcialmente el numeral 12 del Artículo 5° de la Ley 99 de 1993 y se dictan otras disposiciones"
Normas relacionadas con la salud y el ambiente. **Algunas de estas normas fueron proferidas por el Ministerio de Salud antes de la expedición de la Ley 99 de 1993; están aún vigentes en cabeza del Ministerio de Medio Ambiente y de las Corporaciones Regionales.**		
Ley 09 de 1979	Congreso de Colombia	Código Sanitario Nacional.
Resolución 601 de 2006, Resolución 909 de 2008 Decreto 948 de 1995 Decretos 02 de 1982 y 2206 de 1983	Presidencia de la República	Disposiciones sobre contaminación del aire.
Decreto 1575 de 2007		Por el cual se establece el Sistema para la Protección y Control de la Calidad del Agua para Consumo Humano.
Decreto 3930 de 2010		Reglamentario en cuanto a usos del agua y residuos líquidos y se dictan otras disposiciones.

Normas en materia social y cultural.		
Ley 21 de 1991	Congreso de la República	Por medio de la cual se aprueba el Convenio número 169 sobre pueblos indígenas y tribales.
Ley 134 de 1994		Sobre Mecanismos de Participación.
Ley 142 de 1994		Sobre servicios públicos.
Decreto 2663 de 1994	Presidencia de la República	Mediante la cual se reglamenta los capítulos X y XVI de la Ley 160 de 1994 en lo relativo a clarificación de la situación de las tierras desde el punto de vista de la propiedad o deslinde de las tierras de dominio de la nación y lo relacionado con resguardos indígenas y las tierras de las comunidades negras.
Decreto 1745 de 1995		Reconocimiento del derecho a la propiedad colectiva.
Decreto 804 de 1995		Reconocimiento y garantía a la etno-educación.
Decreto 1777 de 1996		Protección de reserva campesina.
Ley 1152 de 2007 y sus modificatorios	Congreso de la República	Por la cual se crea el Sistema Nacional de Reforma Agraria y Desarrollo Rural Campesino, se establece un subsidio para la adquisición de tierras, se reforma el Instituto Colombiano de la Reforma Agraria y se dictan otras disposiciones.
Normas referentes a la salud y la seguridad en el trabajo.		

Fuente: GRU SAS

5. METODOLOGÍA

Dentro de la formulación del PMA se instauró la siguiente metodología:

Previo al inicio de la elaboración del documento se estableció el marco normativo vigente para el desarrollo del proyecto, con el objeto de contar con un marco de referencia para establecer los permisos y restricciones.

Con el objeto de definir el alcance de la información para la caracterización ambiental, evaluación de impactos y plan de manejo ambiental, se definieron las áreas de influencia del proyecto, es decir, el espacio geográfico que puede verse afectado (positiva y/o negativamente) por las actividades del proyecto de manera indirecta o directa. Los criterios tenidos en cuenta para definir el área de influencia del proyecto, que podrá verse afectada por el proyecto son:

- Las actividades localizadas colindantes al área a intervenir
- La presencia de áreas de manejo ambiental y social
- La ubicación de los proveedores de fuentes de materiales
- La ubicación del sitio en donde se dispondrán los residuos sólidos
- La existencia de vías principales.

El área de influencia del proyecto se definió como el espacio físico en el que un componente ambiental puede verse afectado indirectamente por las actividades del proyecto, generalmente es definido por el componente social.

Con el objeto de establecer las características y condiciones ambientales del sitio donde se desarrollarán las obras y de esa manera poder establecer el PMA a ejecutar dentro del desarrollo del contrato, se elaboró la Línea Base Ambiental, a partir del análisis de información secundaria y de la información recopilada en las visitas de campo, como se describe a continuación.

- Consulta y análisis de información existente

Para la elaboración de la línea base ambiental se consultó información general del área de influencia donde se llevará a cabo el proyecto, así como:

- Información del IDEAM para la caracterización climatológica.
- Información de la Red de monitoreo de calidad de aire.

- Normatividad ambiental vigente nacional y local, que aplique para este tipo de proyecto.
- Revisión de estudios preliminares elaborados para la zona.

➢ Recolección de información Primaria

Para la obtención de la información primaria se realizaron recorridos de campo, un primer recorrido, con el objeto de realizar el reconocimiento de la zona de intervención e identificar los componentes ambientales de posible intervención. Posteriormente se hizo el trabajo de campo a detalle con el objeto de establecer:

- Las condiciones iníciales del área a intervenir, mediante un registro fotográfico detallado.
- Identificación de especies arbóreas en caso de presentarse durante las inspecciones antes de inciar el proyecto.
- Identificar posibles impactos ambientales que se puedan generar.
- Identificar los tipos de residuos de demoliciones que se pueden generar con
- Localización del proyecto
- Descripción de las obras a ejecutar en el área de influencia.
- Actividades preliminares y de obra a ejecutar: estas fueron descritas de una a una de acuerdo con el alcance del proyecto.
- Demanda ambiental de las obras a ejecutar, es decir la necesidad de afectación o uso de los recursos naturales, información base para la identificación de los permisos ambientales.
- Demanda de mano de obra y necesidad de maquinaria y equipos a utilizar.

En cuanto a la identificación y evaluación de impactos ambientales se realizó a partir de la definición de las obras y actividades a ejecutar, la demanda ambiental y la Línea Base Ambiental; luego se procedió a identificar los posibles impactos a generarse sobre cada uno de los componentes ambientales. Para ello se hizo un análisis del estado actual a partir del resultado de la línea base ambiental.

Posteriormente la identificación de los impactos ambientales para el proyecto se hizo a partir de la siguiente metodología:

- Descripción de los posibles impactos ambientales
- Descripción de las actividades susceptibles de generar impactos
- Identificación de los impactos a través de una matriz simple, causa-efecto.

- Calificación de los impactos ambientales a través de una metodología ad-hoc, que se desarrollará en el documento.
- Análisis de resultados.

6. DESCRIPCION DEL PROYECTO

6.1. LOCALIZACIÓN

El proyecto se desarrolla en los municipios de Magangué y Carmen de Bolívar, del departamento de Bolivar**.**

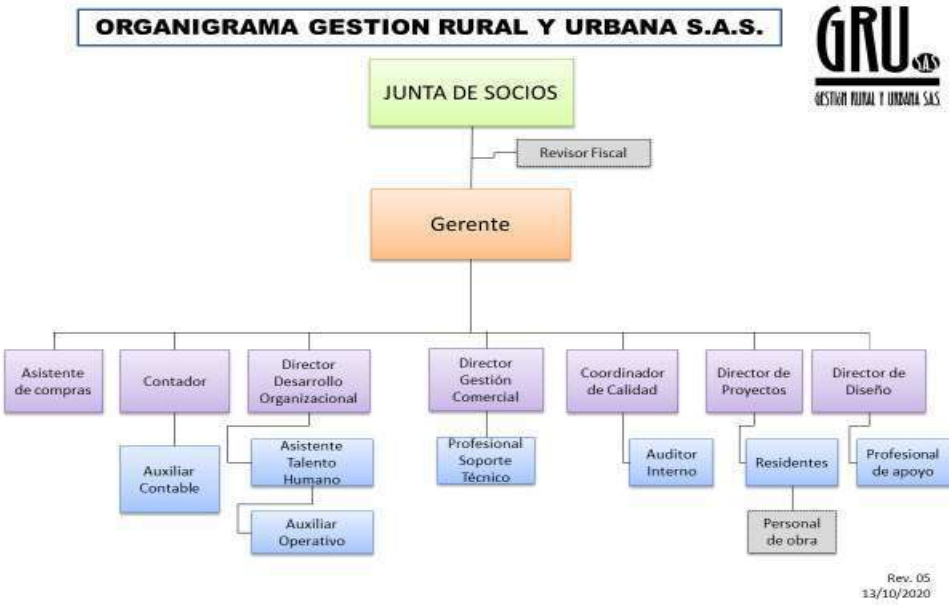
6.2. NFORMACIÓN DEL PROYECTO

Se presenta las generalidades del contrato, así como las generalidades de la obra en la Tabla No.2 y el organigrama de la empresa

Tabla 2. Generalidades del Proyecto

Contrato de obra No.	
Objetivo Del Contrato	“ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”
Valor del Contrato	MIL CIENTO CUARENTA Y DOS MILLONES QUINIENTOS DOCE MIL SETECIENTOS NUEVE PESOS M/CTE ($1.142.512.709,00)
Plazo	Dos (2) meses
Nombre del Contratista	GESTIÓN RURAL Y URBANA S.A.S
Nombre del Representante Legal	GILDARDO CASTILLO SÁNCHEZ
Correo Electrónico	grusas@gru.com.co

Fuente: GRU SAS



6.3. DESCRIPCIÓN DEL PROYECTO[1]

A continuación, se hace una breve descripción de la obra.

- Actividades Preliminares visita a la Base Aérea donde se desarrollará el proyecto para coordinar el ingreso del personal que adelantará los trabajos.
- Una vez realizada la visita a la base aérea y en caso de ser necesario se efectuará un cerramiento provisional y perimetral al interior en el área donde se encuentra localizada la torre de control, la disposición de los residuos y /o escombros producto de las actividades propias de adecuación de la torre, dado que esta se entregara por parte de la ICA en obra negra, se dispondrán en los sitios autorizados por el ICA, en caso de ser necesario el cargue de materiales se realizará en la parte interior de la base.
- Ubicación de sitios provisionales para el almacenamiento de materiales, herramientas y equipos, dentro de las instalaciones de la obra en las áreas autorizadas para tal fin, las cuales serán definidas por el supervisor que designe la entidad y la interventoría.

[1] Anexo técnico.

- Instalación de señales informativas y preventivas: Se instalarán las señales donde sea necesario durante toda la ejecución de las actividades.
- Durante toda la realización de la obra, se efectuará el aseo general del área y finalmente se efectuará el cargue y retiro de todos los residuos producto de la ejecución del proyecto.
- Al final de la ejecución, serán recogidas todas las señales preventivas o informativas instaladas y se retirarán del sitio de la obra.
- Retiro del sitio de trabajo.

6.4. ETAPA DE CONSTRUCCIÓN

6.4.1. DESCRIPCIÓN DE LAS ACTIVIDADES DE ADECUACIÓN.

El proyecto se desarrollará con base a las siguientes actividades:

- Previo al inicio de los trabajos se coordinará el ingreso del personal que adelantará los trabajos, y que cumplan con la experiencia solicitada pro el ICA. no sin antes cumplir con lo exigido en el Anexo 1 Anexo técnico.
- Donde sea necesario se instalará el cerramiento del área de trabajo en lona verde, adicionalmente se colocarán las señales de tipo preventivo, informativo y reglamentario que sean necesarias y se adecuen a las obras que se estén ejecutando.

6.4.2. ACTIVIDADES BÁSICAS PARA EL DESARROLLO DEL PROYECTO

- Preliminares.
- Movimiento de tierras
- Estructura
- Mampostería.
- Instalaciones hidrosanitarias.
- Instalaciones eléctricas.
- Instalaciones mecánicas.
- Pañetes.

- Cielo raso
- Acabados e impermeabilizaciones
- Acabados de muros pintura y/o enchapes
- Carpintería metálica
- Carpintería en aluminio y vidrio
- Carpintería acero inoxidable
- Aparatos sanitarios y accesorios
- Aseo y retiro de escombros

6.4.3. EQUIPOS A UTILIZAR EN LA OBRA

Para el adecuado desarrollo de la obra, se suministrarán los equipos, maquinaria, herramientas, materiales y demás elementos necesarios para el cumplimiento oportuno de la programación del contrato.

Durante el desarrollo de la obra se empleará la maquinaria y los equipos relacionados a continuación:

- Taladro y pulidoras
- Equipo de soldadura.
- Equipo de trabajo en alturas (Sistemas de Anclaje, Andamios).
- Herramientas menores tales como picas, palas, carretillas, entre otras.
- Volqueta.
- Mezcladora a gasolina de 1 bulto.
- Pluma.

Por las condiciones específicas del proyecto no se utilizará maquinaria pesada, el cargue en la volqueta se efectuará manualmente debido a los bajos volúmenes de residuos de construcción.

6.4.4. REGISTRO FOTOGRÁFICO

Previo al inicio de los trabajos se realizara un registro fotográfico completo del estado de los sitios donde se llevara a cabo las obras, también se muestra el estado de las vías y andenes aledaños y el detalle de algunas construcciones.

6.5. COMUNICACIÓN CON AUTORIDADES LOCALES Y OTRAS INSTITUCIONES

El proyecto se desarrollara en una zona de bajo flujo peatonal prácticamente de uso residencial, comercial y de servicios. Por tal motivo GESTIÓN RURAL & URBANA SAS informara a los trabajadores de la institución, la intervención de las actividades. Y no se requerirán socializaciones adicionales.

6.5.1. Información Preliminar a la comunidad

Antes de iniciar las labores de obra se tendrá un acercamiento con la institución y residentes aledaños al proyecto para informarles sobre los trabajos que se realizaran.

6.6. ETAPAS DEL PROYECTO A EJECUTAR

A continuación, se listan las actividades constructivas correspondientes a las actividades que hacen referencia el objeto del contrato:

- **Instalación de señales Temporales Preventivas, Informativas y reglamentarias**

Se colocaran señales de tipo preventivo, informativo y reglamentario que indiquen el inicio de las obras, vallas, señales de peligro entrada y salida de volquetas, canecas, cintas reflectivas**,** malla sintética al interior de la base con el fin de evitar el paso de personal no autorizados al sitio de los trabajos.

- **Instalación de Campamento**

Se adecuara un campamento dentro de las instalacionde del ICA para la administración temporal de la obra, ubicado al costado cercano directo de la zona a intervenir. Allí funcionara el área para la interventoría y contratista respectivamente.

- **Adecuaciones**

- En esta etapa y en forma general para las áreas a intervenior en la torre de control se deberá realizar la terminación de la obra gris consistente en mampostería, carpinteria metálica, instalaciones de redes hidrosanitarias, pañetes, cierlo raso, acabados e impermeabilizaciones, carpintería en aluminio y vidrio, carpintería acero inoxidable, vidiros y espejos, cerraduras, aparatos sanitarios y accesorios .

6.7. RECURSOS

6.7.1. Personal

Se relaciona a continuación el personal a contratar mínimo para el desarrollo y ejecución del contrato:

- Director de proyectos (1)
- Residente - Ingeniero Civil - Arquitecto (2)
- Profesional SISO (1)
- Ingeniero especialista eléctrico asesor (1)
- Ingeniero especialista estructural asesor (1).

6.7.2. Maquinaria y equipos

Inicialmente para realizar actividades constructivas, se utilizaran herramientas menores tales como palas, picas, barras, boquilleras, chipotes, niveles de mano, plomadas martillos, masetas, carretillas, entre otras. Así mismo dentro de la maquinaria o equipos mayores se deberán usar los siguientes:

- Mezcladora de 1 bulto
- Equipo de soldadura.
- Andamios certificados.
- Taladro.
- Equipo de alturas.
- Pulidora Manual eléctrica.
- Pluma para subida de materiales.
- Volqueta para transporte de materiales granulares
- Herramienta menor (Picas, palas, carretillas)

7. IDENTIFICACION Y EVALUACION DE IMPACTOS

El presente capitulo contiene la identificación, calificación y análisis de los impactos ambientales con proyecto, susceptibles de presentarse en el Medio Abiótico y Biótico durante la ejecución de las actividades para, **“ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR”,** con el objeto de establecer las medidas para el control de los impactos ambientales.

La evaluación de los impactos con proyecto hace referencia a la identificación de los impactos que el proyecto va a generar sobre el ambiente. El procedimiento utilizado para la identificación y evaluación de impactos durante la etapa de intervención fue:

- Identificación y descripción de las actividades susceptibles de generar impactos.
- Descripción, identificación y definición de los impactos ambientales.
- Calificación de los impactos ambientales.
- Análisis de resultados.

7.1. DESCRIPCIÓN DE LAS ACTIVIDADES DEL PROYECTO

A continuación, se describen las actividades susceptibles de generar impactos en el área de influencia directa para la obra.

Tabla 3. Etapas Y Definición De Las Actividades Constructivas Dentro De La Ejecución Del Proyecto

ETAPA	ACTIVIDADES	DESCRIPCION
PRELIMINARES		El campamneto tendrá un área aproximada de 36M2 y se instalara un cerramiento en polisombra con una altura de 2 metros tendrá una acometida provisional eléctrica y una acometida provisional sanitaria, estas actividades serán previas al inicio de la obra y el cerramiento debe ser instalado con anterioridad al inicio de las actividades, unicolor y por ningún motivo poseerá publicidad alusiva al proyecto que se está desarrollando o a la constructora que desarrolla el proyecto.

Construcción	Adecuación de instalaciones torre de control	Instalaciones hidrositarias, instalaciones eléctricas, carpinteria de madera, carpinteria mealica, cielo raso entre otras actividades.
	Manejo de Maquinaria, equipos y Vehículos	Comprende la programación del mantenimiento preventivo y correctivo para que todos los equipos, vehículos y maquinaria al servicio de la obra permanezcan en condiciones óptimas para su operación, cumplan las normas ambientales y la operación se realice en las condiciones de seguridad adecuadas para las partes interesadas y el ambiente.
	Manejo Integral de Residuos Sólidos	Las medidas de manejo de residuos sólidos están orientadas al mantenimiento del estado de limpieza de la obra para darles a los residuos producidos el destino más adecuado desde el punto de vista ambiental.
Adecuaciones y terminación de la obra	Concretos, pañetes, pinturas y acabados en general	Mampostería, pañetes, estructuras: instalación de redes hidrosanitarias, eléctricas, redes mecánicas inyección y extracción de aire. Acabados de muros, pintura y / o enchapes : se realizaran los acabados de acuerdo con las especificaciones técnicas y serán verificados y apobados por la interventoría y supervisor del contrato. Acabados en general: se realizaran los acabados , pintura y carpinterías necesarías para dar cumplimiento al objeto del contrato Cielos rasos: se instalaran todos los cielos rasos contenidos en el contrato. Y que esten en el presupuesto de obra. Acabados: todos las terminaciones serán de primera calidad y tal como se estipula en el anexo técnico y especificaciones del contrato

Fuente: GRU SAS

7.2. DESCRIPCIÓN E IDENTIFICACIÓN DE IMPACTOS AMBIENTALES

En la tabla 4 se definen los impactos ambientales sucesptibles de presentarse en el medio abiótico y biotico, durante la etapa de construcción del proyecto.

Tabla 4. Identificación de Impactos en etapa de "Construcción" y "Construcción y operación"

MEDIO AMBIENTAL		IMPACTO AMBIENTAL	DEFINICIÓN DEL IMPACTO
ABIOTICO	Hídrico	Alteración de los Cuerpos de agua por presencia de sedimentos. Alteración a los sistemas de alcantarillado por presencia de sedimentos.	Se refiere a los cambios en la concentración de materiales sedimentables, en las aguas (vertidas o de escorrentía) a cuerpos de agua de acuerdo a las actividades a realizar
	Atmosférico	Alteración en la calidad del aire	Se refiere al aumento o la disminución de las concentraciones de compuestos como CO, SO2, NO2 y material particulado, producto de la combustión de maquinaria, equipos, vehículos de carga y transporte de materiales como arena y/o escombro.
		Cambio en los niveles de ruido	Se refiere al aumento o disminución en los decibeles según la norma permitida, generado por la operación de maquinaria y equipos (Perforación y Anclaje), así como el cargue y descargue de materiales durante las actividades de la etapa constructiva.
		Presencia de malos olores.	Se refiere al cambio que se produce en este componente, por la generación de olores ofensivos.
	Suelo	Pérdida de suelo	Se refiere al volumen de suelo que será extraído durante las actividades de construcción.
		Generación de Residuos Sólidos	Se refiere al aumento de Residuos generados por actividades de Construcción y demolición

MEDIO AMBIENTAL		IMPACTO AMBIENTAL	DEFINICIÓN DEL IMPACTO
BIÓTICO	Flora	Afectación de la cobertura vegetal existente	No se presentara afctación a ninguna cobertura vegetal.
	Fauna	Ahuyentamiento de la fauna	No se hace necesario esta actividad dado que nho hay presencia de vegetación alrededor de la torre de control.
	Paisajístico	Alteración de la calidad del paisaje	Se refiere a la alteración paisajística que sufrirá el área de influencia en lo que respecta a su visibilidad y la calidad paisajística durante la ejecución de actividades de la etapa preliminar y constructiva.

7.3. IDENTIFICACIÓN DE IMPACTOS

Para la identificación de impactos, se elaboró una matriz simple, causa - efecto, donde se cruzan las actividades definidas con los posibles impactos para establecer su posible interacción. En el Anexo 1. se presenta la matriz de identificacion de impactos ambientales.

8. PLANES Y/PROGRAMAS DE ACCION

A continuación, se presentará los planes o programas para implementar como estrategias de manejo ambiental diseñadas durante la etapa de planeación y las demás que consideren oportunas, para cada uno de los recursos existentes en el área donde se desarrolle el proyecto.

En estos programas o planes se presentan las acciones de manejo ambiental propuestas para prevenir, controlar, mitigar y/o compensar los impactos que se pueden causar por la ejecución de las actividades de las etapas preliminares, construcción y operación del proyecto.

Estos programas tienen como objetivo principal, establecer los lineamentos generales que permitan un adecuado control de los efectos adversos sobre los elementos naturales en sus medios abióticos, bióticos y socio-económicos, durante las actividades que se ejecutarán.

8.1.CAPACITACIÓN AMBIENTAL AL PERSONAL DE OBRA

OBJETIVO DEL PROYECTO

- Capacitar a todo el personal de la obra en temas ambientales, de seguridad en el trabajo del proyecto.
- Prevenir y/o minimizar impactos sobre la salud de los trabajadores y sobre el ambiente.

TIPO DE MEDIDA

CONTROL		**PREVENCIÓN**	X	**MITIGACIÓN**	X	**COMPENSACIÓN**	

IMPACTOS A MANEJAR

Esta actividad involucra todos los impactos identificados en el proyecto.

ACCIONES PARA EJECUTAR

1. Capacitación ambiental al personal de la obra

Se realizarán inducciones al personal nuevo en temas como seguridad industrial, salud ocupacional y protección del medio ambiente, haciendo énfasis a las medidas de manejo ambiental, social y laboral contempladas en el presente PMA.

- El tema principal para abordar en la capacitación deberá referirse a los riesgos a los que están expuestos durante la ejecución de las diferentes obras y actividades del proyecto.

- También se brindarán capacitaciones en las medidas de protección de los recursos naturales, en el manejo de residuos, manejo de aguas y en general en buenas prácticas ambientales.

2. Programación de las Capacitaciones

- Debido a lo fluctuante de los trabajadores que participan en las labores, se capacitará a todo el personal que ingrese a la obra.
- Se establecerá el cronograma de capacitaciones en donde se indique la fecha, el tema a tratar y a quien va dirigida la capacitación.
- Se presentará el avance del cronograma.

3. A quién van dirigidas las Capacitaciones

- A todos los trabajadores de la obra.
- La capacitación ambiental se dará en forma de talleres.

4. Responsables de las Capacitaciones

- Profesional SISOMA
- ARL del Contratista de Obra.

5. Temas propuestos para Tratar

A continuación, se propone un listado de temas de capacitaciones, que debe ser revisado y actualizado si se requiere:

- Técnico: alcance técnico del proyecto (tipo de obra, especificaciones técnicas a aplicar, cantidades de obra y presupuesto de obra, etc.). Responsable: Director de Obra.

- Socialización del PMA. Responsable: Profesional SISOMA

- Ambientales: protección de fauna y flora; protección de cuerpos de agua; control de emisiones y ruido; manejo de materiales de construcción; manejo integral de residuos líquidos, escombros, residuos reciclables y basuras; manejo de señalización y de tráfico. Responsable: Profesional Ambiental.

- Seguridad: información de seguridad social (EPS, ARL y Pensión); plan de emergencias y contingencias; programa de salud ocupacional; notificación de riesgos según el panorama de riesgos; uso de elementos de protección personal;

procedimientos de trabajo seguros; manejo de maquinaria y equipos; entrenamiento en alturas, manejo de sustancias químicas., Responsable: Inspector en seguridad y salud en el trabajo (SST).

Dependiendo de la logística de la obra, las capacitaciones se pueden realizar en los frentes de obra, con el objetivo de garantizar que todo el personal recibe la capacitación. Estas capacitaciones deben estar dirigidas a todo el personal que ingrese, incluye operarios de maquinaria y equipos, obreros, maestros y ayudantes, como también personal profesional y de administración.

LUGAR DE APLICACIÓN				
Las capacitaciones se realizarán en los sitios de acopio temporal y en el frente de obra.				
RESPONSABLE DE LA EJECUCIÓN				
Director del proyecto/				
SEGUIMIENTO Y MONITOREO				
Indicador	Descripción del indicador	Tipo de indicador	Periodicidad de evaluación	Registro de cumplimiento
Número de capacitaciones Ejecutadas / Capacitaciones programadas.	Se mide de acuerdo con el cronograma presentado por el Contratista de obra.	Cumplimiento	Mensual	Registros de capacitación Planilla de Asistencia Registro Fotográfico
Número de personas que capacitadas/ personas laborando		Gestión	Mensual	

8.2. PROGRAMA DE SEÑALIZACIÓN FRENTES DE OBRAS Y SITIOS TEMPORALES

OBJETIVO DEL PROYECTO

- Demarcar y aislar las áreas de trabajo para reducir las posibilidades de accidentes de las personas que circulen por las zonas de las obras, o ponga en riesgo equipos o materiales de la obra.
- Garantizar la seguridad de la población asentada en la zona de influencia indirecta del proyecto en la etapa de operación**.**

TIPO DE MEDIDA

CONTROL		**PREVENCIÓN**	X	**MITIGACIÓN**		**COMPENSACIÓN**	

IMPACTOS A MANEJAR

- Generación de residuos sólidos domésticos e industriales

- Generación de conflictos y expectativas
- Alteración de la movilidad peatonal y vehicular
- Afectación de la infraestructura vial
- Generación de accidentes
- Afectación de acceso a predios residenciales, comerciales y de servicios
- Cambios en la calidad físico-química y bacteriológica del agua
- Alteraciones en la capacidad de transporte del agua (acumulación de sedimentos)

ACCIONES PARA EJECUTAR

Medidas de señalización para el Manejo Ambiental:

- Durante todo el proyecto (jornadas diurna y nocturna), se señalizará totalmente el área con cinta o malla traslúcida, para evitar que personas ajenas al proyecto, ingresen y sufran lesiones.
- Los materiales de obra y los escombros se ubicarán en sitios que no interfieran con el tránsito peatonal. Además, se demarcarán y acordonarán con cinta de señalización de mínimo 12 cm de ancho con franjas amarillas y negras con una inclinación que oscile entre 30º y 45º (mínimo 2 líneas paralelas) y señalizadores tubulares.
- Los señalizadores tubulares o colombinas, que se instalen deben por lo menos tener un espaciamiento de 2 m.
- Todos los elementos de señalización deberán permanecer limpios y bien colocados durante las actividades del proyecto.
- Una vez finalice la jornada laboral diaria, se deberá dejar el frente de obra en las mejores condiciones de señalización, teniendo en cuenta que la cinta y malla cumplan con su función.
- No se podrá depositar o arrumar señalización en mal estado en el frente de obra o en sitios cercanos a ella.
- Se hará reposición o cambio de la señalización, malla y poli sombra cuando lo consideren necesario.
- En todas las áreas del frente de obra y los sitios de infraestructura temporal, como campamento, sitios de acopio, áreas de almacenamiento de herramientas se utilizarán señales informativas, preventivas según sea el caso.
- Dentro del campamento, se deberá instalar señalización que demarque cada una de las áreas en que se divide el campamento como son: oficinas, baños, áreas de acopio de materiales y lugares restringidos. Además, se contará con señales que indiquen el uso y ubicación del extintor, botiquín, rutas de evacuación y uso de EPP.
- En el campamento se señalizarán las rutas de evacuación interna del personal con avisos reflectivos.
- Las señales de seguridad deben estar diseñadas de acuerdo con los colores de seguridad y contraste y las formas geométricas y significados determinados en las normas técnicas NTC-1461 – Higiene y Seguridad, colores y señales de seguridad,

NTC 1931 – protección contra incendios – señales de seguridad y NTC 1937 – Señalización en la Industria de la Construcción.

- Solo deben permanecer en los frentes de obras las señales y dispositivos que sean aplicables o vigentes a las condiciones existentes y en consecuencia serán removidas o cubiertas las que no sean necesarias.

En caso de tener acopio de escombros se demarcará con cinta de señalización y párales tubulares.

Medidas de señalización para el tránsito peatonal

A fin de prevenir mayores traumatismos en la circulación de los peatones (Personal militar, residentes de la base o comunidad en general) en el área de influencia directa y sobre todo para evitar accidentes, se establecerán senderos para facilitar el tránsito peatonal y para personas con discapacidad de ser necesario. El ancho del sendero no debe ser inferior a 1.0 metro, tal y como se muestra en la siguiente figura:



Para los senderos peatonales se utilizará cinta de señalización que indique PELIGRO (en las 2 líneas horizontales) y malla fina sintética que demarque todo el perímetro del frente de trabajo. La cinta y la malla estarán apoyadas sobre señalizadores tubulares, estas permanecerán durante el transcurso de las obras. Así mismo se colocará señales informativas que indiquen SENDERO PEATONAL.

Aun cuando no esta considerado realizar excavaciones profundas, se incluye este numeral, en los casos que sea necesario realizar excavaciones profundas considerables, zanjas, pozos o cajas de inspección, deberán ser demarcados y señalizados con señales de prevención como se muestra en la siguiente figura, los cuales deben ubicarse mínimo con sesenta centímetros antes de la zona de intervención, como se muestra en la siguiente figura:



Igualmente, durante la todas las etapas del proyecto, se debe garantizar la señalización con el fin de no generar traumatismos al ingreso y salida a los mismos.

LUGAR DE APLICACIÓN				
Frentes de obra, sitios de acopio temporal, sitios de disposición definidos, accesos, cruces peatonales adentro y fuera de la base aérea.				
RESPONSABLE DE LA EJECUCIÓN				
Director del proyecto.				
SEGUIMIENTO Y MONITOREO				
Indicador	**Descripción del indicador**	**Tipo de indicador**	**Periodicidad de evaluación**	**Registro de cumplimiento**
N° Áreas de trabajo Señalizadas/ N° total de áreas de trabajo	Se refiere al cumplimiento de todas las actividades en cuanto a señalización	Gestión Cumplimiento	Diario	Registro Fotográfico Informes Ambiental

8.3. PROYECTO DE MANEJO Y DISPOSICIÓN FINAL DE RESIDUOS SÓLIDOS CONVENCIONALES Y ESPECIALES

OBJETIVO DEL PROYECTO							
Cumplir con la política de gestión integral de residuos sólidos (PGIRS) del contratista.							
TIPO DE MEDIDA							
CONTROL		**PREVENCIÓN**	X	**MITIGACIÓN**	X	**COMPENSACIÓN**	

IMPACTOS A MANEJAR

- Cambios en la calidad físico-química y bacteriológica del agua.
- Modificación en las propiedades fisicoquímicas y/o biológicas del suelo.
- Generación de residuos sólidos domésticos e industriales.
- Cambios en la percepción visual del paisaje.

ACCIONES PARA EJECUTAR

Para cumplir con el manejo integral de los residuos sólidos se debe ejecutar el siguiente procedimiento:

- ✓ Clasificar y reducir en la fuente.
- ✓ Recolectar y almacenar temporalmente.
- ✓ Disposición final —reutilización, reciclaje y tratamiento.

1. **Clasificación y reducción en la fuente:** De acuerdo con el tipo de residuo generado se realiza la clasificación en el origen, de la cual depende que el residuo se pueda reciclar o reutilizar. El contratista debe desde el inicio del proyecto, tener claro el tipo de residuo que generará y capacitar a su personal en la separación y clasificación de los mismos desde la fuente. Para el proceso de reducción de residuos, el contratista deberá contemplar las siguientes alternativas de acuerdo con la información de la tabla 5 en donde se muestra la clasificación, descripción y alternativa de reducción de los residuos sólidos que se podrán generar durante la ejecución del proyecto.

Tabla 5.. Características de los posibles tipos de residuos y su alternativa de reducción.

TIPO DE RESIDUO	CARACTERÍSTICAS	ALTERNATIVA DE REDUCCIÓN
Chatarra	Partes y piezas de equipos, residuos de varillas, tuberías, aceros etcétera, provenientes de las diferentes actividades constructivas. Se consideran residuos aprovechables.	Reincorporación a la operación. Las llantas usadas se deberán entregar en los puntos de recolección establecidos por los productores. Igualmente se podrán utilizar en la estabilización de taludes, muros de contención, conformación de diques, materas, parques infantiles; para los cuales se podrán realizar convenios con los interesados en la recepción y uso de tales elementos quienes los manejarán con el lleno de los requisitos técnicos y normativos.
Empaques, envases y embalajes.	Materiales diversos —metal, cartón, plástico y madera— relacionados con insumos y otras compras del proyecto. Son aprovechables siempre y cuando no provengan de elementos o sustancias identificadas como peligrosas.	Hacer convenios con la comunidad o con los recicladores autorizados para su reutilización o reciclaje; esto deberá contar con la aprobación de la Interventoría.
Residuos peligrosos.	Residuos de productos químicos: aceites, pinturas, envases de combustibles, lubricantes, solventes, cemento y pinturas. Residuos provenientes de enfermería atención primaria o botiquines. Materiales utilizados para contener o recoger derrames de combustibles —estopa— Otros elementos como: guantes, overoles y otros textiles contaminados.	Entregar al proveedor autorizado para la recolección y tratamiento de residuos peligrosos. De manera alternativa en tal caso de ser necesario establecer convenios con proveedores para devolución de baterías, tonners, cartuchos de impresoras, envases de combustible, filtros etc.

	Baterías secas utilizadas en equipos de comunicación o en aparatos electrónicos. Algunas contienen elementos pesados. Cintas de máquina, tóner de impresoras y fotocopiadoras. Filtros de aire, combustible o aceite, utilizados por vehículos y alguna maquinaria y equipo	
Residuos sólidos domésticos	Se refiere a los desperdicios orgánicos provenientes de los terrenos o zonas donde se lleven a cabo las obras, son considerados residuos aprovechables.	Una vez clasificado el material, se deben entregar a la Empresa Recicladora correspondiente, recicladores o la empresa de aseo de Bogotá

Fuente: Adaptado de MAVDT, 2007.

Luego de aplicar las medidas de clasificación y reducción, el material resultante debe tener un almacenamiento temporal y posteriormente será entregado al operador de aseo más cercano al frente de obra.

2. Almacenamiento temporal: Los residuos generados por el proyecto deben ser clasificados y almacenados temporalmente en contenedores claramente identificados y rotulados los cuales se encontrarán ubicados en el frente de obra y serán fácilmente identificables. Se instalará un (1) punto ecológico en la obra, de acuerdo con la clasificación de los residuos.



Esquema tipo de zona de almacenamiento de los residuos sólidos.

- ✓ Tipo 1, Residuos reciclables y reutilizables: Como se dijo anteriormente corresponden a este grupo materiales el vidrio, aluminio, papeles, metales, plásticos, cauchos, madera y chatarra, que deben ser recolectados y almacenados en un lugar que se encuentre protegido de los cambios climáticos, hasta que tengan un volumen considerable para que sean recolectados por organizaciones existentes en la zona del proyecto o en su defecto serán entregados al operador del servicio de aseo.

- ✓ Tipo 2. Residuos peligrosos o contaminados: Este tipo de residuo no puede ser mezclado con ningún otro, teniendo en cuenta sus características de peligrosidad, por tanto, el contratista, desde el momento de su producción, debe recolectarlos y colocarlos en un sitio diseñado para tal fin, puede ser una caneca en perfectas condiciones limpia y seca, la cual debe estar rotulada conforme lo establecen las normas de seguridad. Es decir, deberá contar con su respectiva hoja de seguridad, y características de peligrosidad. Así mismo estos recipientes deberán estar etiquetados y rotulados, de acuerdo con la normativa. Un ejemplo de esto se muestra en el siguiente cuadro identificación de residuos peligrosos. La periodicidad de la recolección se establecerá con las entidades autorizadas para esta labor

Tabla 6 Identificación de residuos peligrosos.

Código[2]	Tipo de residuo	PICTOGRAMA
Y8	Aceites usados	
Y31	Baterías	
A1030	Luminarias	

Decreto 4741 de 2005.

- ✓ Tipo 3. Residuos no aprovechables — basuras: Como su nombre lo indica son residuos que no tienen ningún valor y van normalmente a los rellenos sanitarios.

    - La recolección inicial debe hacerse en canecas (puntos ecológicos) ubicadas en el frente de obra, se dispondrán de bolsas de basura que diariamente se recogerán y se acopiarán en el campamento o en el sitio que se haya dispuesto para tal fin.
    - Durante esta etapa de recolección y almacenamiento, el contratista debe implementar el programa de capacitación sobre el manejo integral de residuos sólidos, de manera que se garantice el cumplimiento de la política integral de manejo de residuos sólidos, enfatizando sobre el principio de las “3 R”, es decir, Reutilizar, Reducir y Reciclar. Esta actividad es parte del programa de capacitación ambiental.

3. Disposición final: Tipo 2: Residuos peligrosos: deberán ser almacenados temporalmente en áreas adecuadas con el lleno de los requisitos normativos para cada tipo de residuo, para luego ser trasladados directamente por la empresa contratada a los sitios autorizados por las autoridades ambientales para ser tratados o incinerados:

[2] Decreto 4741 de 2005.

4. Operación de áreas de servicio: Teniendo en cuenta lo anterior se proponen las siguientes medidas de manejo para el sitio de almacenamiento temporal de residuos: Todo el personal que esté involucrado con la manipulación de residuos peligrosos deberá contar como mínimo con los siguientes elementos de protección personal:

- Tapabocas.
- Guantes de caucho.
- Bata u overol.
- Casco.
- Botas de caucho.

Los guantes deben ser reforzados en la palma y los dedos, para evitar cortes y punzadas. Estos deben colocarse por encima de la manga. Los residuos peligrosos deberán ser trasladados directamente por la empresa contratada por el contratista, a los sitios autorizados por las autoridades ambientales para ser tratados o incinerados.

Recolección de residuos Peligroso y/o Especiales



LUGAR DE APLICACIÓN

Frente de obra (sitio de almacenamiento temporal de los residuos y puntos ecológicos) y sitios de acopio temporal.				
RESPONSABLE DE LA EJECUCIÓN				
Profesional SISOMA				
SEGUIMIENTO Y MONITOREO				
Indicador	**Descripción del indicador**	**Tipo de indicador**	**Periodicidad de evaluación**	**Registro de cumplimiento**
(Cantidad de residuos sólidos llevados a sitios autorizados (kg/mes) / cantidad de residuos sólidos domésticos generados (kg/mes)) * 100	Disposición final de residuos ordinarios	Indicador de cumplimiento	Mensual	Se deberá llevar un registro semanal de generación de residuos sólidos, para lo cual se puede llevar un formato que contenga por lo menos la siguiente información: Fecha, incluyendo el día del reporte, tipo de residuo (aprovechable, no aprovechable, peligroso), característica del tipo de residuo (inorgánico, orgánico, vidrio, plástico, papel cartón, chatarra, peligrosos, madera y escombros), sitios de recolección, volúmenes de cada uno de ellos.

8.4. PROGRAMA DE MANEJO CONSTRUCCIÒN Y DEMOLICIÒN

OBJETIVO DEL PROYECTO

- Minimizar y/o controlar los impactos que se producen sobre el medio ambiente, por la disposición de material sobrante.
- Cumplir con las normas legales vigentes para el manejo, transporte y disposición final de los materiales sobrantes de excavación y demolición

TIPO DE MEDIDA

CONTROL		**PREVENCIÓN**		**MITIGACIÓN**	X	**COMPENSACIÓN**	

IMPACTOS A MANEJAR

- Modificación en las propiedades físico químicas y/o biológicas del suelo.
- Cambios en la capacidad de uso del suelo.
- Generación de procesos erosivos o de remoción en masa.
- Cambios en la calidad del aire.
- Generación de material estéril y escombros.
- Alteración de las características geomorfológicas del suelo.
- Cambios en los niveles de presión sonora.
- Cambios en el uso del suelo.

- Afectación de la movilidad peatonal y vehicular.
- Afectación de la infraestructura vial.
- Generación de accidentes.
- Afectación de acceso a predios residenciales, comerciales y de servicios

ACCIONES A EJECUTAR

Es de anotar que una vez que se generen los materiales de construcción, estos serán separados con el fin reutilizar los que sean técnicamente viables y los sobrantes serán transportados al sitio de disposición final.

BUENAS PRACTICAS (BA) para los RCD:

- ✓ Los residuos sólidos provenientes de las actividades constructivas no se podrán disponer en el espacio público, ni en zonas verdes, de ronda hidráulica o zonas de manejo y preservación ambiental de los cuerpos de agua.

- ✓ Es necesario adecuar sitios para el almacenamiento temporal de residuos sólidos o de excavaciones en caso de realizarcen, se debe verificar cuales de estos residuos u escombros de excavaciones se pueden reutilizar, los cuales deben estar debidamente cubiertos con materiales que eviten la acción erosiva del agua y el viento. Estas zonas deben contar con canales perimetrales y sus respectivas estructuras de control de sedimentos.

- ✓ Este tipo de residuos se podrán reutilizar siempre y cuando no estén contaminados con materia orgánica, plásticos, maderas, papel, hierro o sustancias peligrosas.

- ✓ Está prohibida la reutilización in situ de RCD, sin su previa clasificación (ordinarios, especiales y peligrosos)

- ✓ Cuando se realice el transporte de materiales sobrantes por vías públicas en operación o en cercanías de centros poblados debe cumplir con lo establecido en la Resolución 541/94, por medio del cual se regula el cargue, descargue, transporte, almacenamiento y disposición final de escombros, materiales, elementos, concretos y agregados sueltos, de construcción, de demolición y capa orgánica, suelo y subsuelo de excavación

- ✓ En los sitios de recolección de material sobrante de excavación no se permitirá la presencia de residuos que puedan generar contaminación; se debe asegurar la limpieza total y permanente de los sitios de recolección.

- ✓ En caso de caída de residuos durante la recolección, es deber del recolector realizar inmediatamente la limpieza correspondiente.
- ✓ No se permite el almacenamiento temporal de material sobrante de excavación en zonas de circulación peatonal y/o vehicular, éste debe ser recogido en un periodo no superior a 2 días.
- ✓ No se permiten actividades de cargue, descargue o almacenamiento temporal de material sobrante de excavación en zonas verdes, arborizadas, reservas naturales, áreas de recreación, parques, rondas de ríos, quebradas, humedales o cualquier otro cuerpo de agua.
- ✓ El transporte de material se deberá realizar por vías autorizadas para el tránsito de volquetas sencillas, doble-troques o tracto-mulas y en el horario permitido por la autoridad competente.
- ✓ Las vías tanto para acceder a los predios donde se dispondrá, así como las vías internas dentro de estos debe estar señalizado y preverse un plan de recuperación y mantenimiento de estas vías que evite su daño por el impacto sobre estas por el tráfico de volquetas y maquinaria.
- ✓ Se debe prever las señalizaciones y medidas de seguridad (velocidad de rodamiento, sitios de parqueo y horarios) para mitigar el impacto por el aumento del tránsito de vehículos pesados en las vías de acceso.
- ✓ Inspecciones a volquetas y equipos de transporte de material sobrante
- ✓ La carga debe ser cubierta para el control de emisión de partículas de polvo y el derrame de material durante el transporte. La cobertura debe ser de material resistente y estar sujeta firmemente a las paredes exteriores del contenedor o platón, con una caída de por lo menos 30 cm. del borde superior del platón.
- ✓ Los vehículos no podrán arrastrar material adherido a sus llantas en áreas pavimentadas. Por tanto, se debe disponer de los elementos y el personal para limpiar el material adherido entre las llantas antes de salir a la vía pavimentada.
- ✓ El volumen de material de excavación no puede sobrepasar el nivel de los platones o volcos de los vehículos. Estas inspecciones tendrán frecuencia semanal a la salida de frentes de obra y a la llegada de la cantera.

LUGAR DE APLICACIÓN
Sitios frentes de obra y disposición de material de construcción y demolición
RESPONSABLE DE LA EJECUCIÓN
Profesional SISOMA.
SEGUIMIENTO Y MONITOREO

Indicador	Descripción del indicador	Tipo de indicador	Periodicidad de evaluación	Registro de cumplimiento
Volumen de material sobrante de excavación y cortes dispuesto en las zonas depósito /Volumen de material sobrante de excavación y cortes generado * 100.	Volumen de material sobrante dispuesto en zonas de depósito (Aplica para el PMA y Monitoreo y Seguimiento)	Indicador de eficiencia	Mensual	Registro fotográfico e informes de cumplimiento ambiental
Volumen de escombros entregados escombreras autorizadas y/o sitios autorizados /Volumen de escombros generados * 100	Volumen de escombros entregados escombreras autorizadas y/o sitios autorizados (Aplica para el PMA y Monitoreo y Seguimiento)	Indicador de eficiencia	Mensual	Certificados de recibo de la escombrera autorizada o sitio autorizado e Informes de cumplimiento ambiental

8.5. PROGRAMA CONTROL DE EMISIONES ATMOSFÉRICAS

OBJETIVO

- Definir las medidas para controlar la generación de emisiones atmosféricas y el ruido en las áreas aledañas a las actividades constructivas.
- Controlar las emisiones atmosféricas por la operación de la maquinaria y equipo utilizado durante la obra

TIPO DE MEDIDA

CONTROL	**X**	**PREVENCIÓN**		**MITIGACIÓN**		**CORRECCIÓN**	

IMPACTOS A MANEJAR

- Cambios en los niveles de ruido
- Afectaciones a la salud
- Cambios en la calidad de aire

ACCIONES A EJECUTAR

Se implementará las siguientes medidas generales para prevenir o minimizar las emisiones atmosféricas, las Consideraciones generales

- ✓ Para tiempo seco (días de no lluvia), se deberá realizar humedecimientos de por lo menos 2 veces al día, sobre las áreas desprovistas de acabados, al igual que a los materiales tengan en el frente de obra y que sean susceptibles de generar material particulado.

- ✓ Se prohíben las quemas a cielo abierto en los lugares donde se adelantan las obras.

- ✓ Para la limpieza de áreas será necesario el barrido de la superficie, con cepillos tipo EDIS garantizando el retiro del particulado de mayor tamaño y se dará cumplimiento a los Programas manejo de materiales de construcción y de escombros.

- ✓ Se solicitará a todos los vehículos que laboren en el proyecto el registro de la revisión tecnicomecánica o en caso de que no lo requiera el certificado de emisión de gases expedido en un sitio autorizado por la autoridad competente. La velocidad de las volquetas en el frente de obra no deberá superar los 20 Km/h con el fin de evitar la generación de emisiones fugitivas**.**

- ✓ Para control de partículas en el momento de efectuar demoliciones, que generen afectaciones a los predios y a los peatones en general, se deberá colocar malla traslúcida o azul con una altura de mínimo 2 m, alrededor del área a intervenir.

Control del proceso de corte de material prefabricado

- ✓ Si se realiza el uso de adoquín este se comprara en presentación de medias unidades, para minimizar el corte.

- ✓ Se contará con una caneca con agua en donde se sumergirá el prefabricado antes de ser sometido a corte para minimizar las emisiones atmosféricas generadas en el proceso.

- ✓ Mantener toda la zona libre de material de residuos de ladrillos, adoquín o bloque de manera que el material no sea arrastrado por escorrentías generando obstrucción al sistema de alcantarillado.

- ✓ Se deberá limpiar el área de trabajo mínimo cada jornada, con pala y cepillo.

- ✓ No se debe trascender el material residuo del cubículo, para ello se debe realizar limpieza de manera constante.

Control de Ruido

- ✓ Las actividades de las cuales se generen ruido se realizarán durante la jornada diurna, para evitar problemas e inconvenientes con la comunidad.

- ✓ En caso de presentarse quejas de la comunidad por ruido, se debe suspender la actividad. Se debe analizar el problema y tomar las medidas correctivas para mitigar el ruido, estas deben ser presentadas a la Interventoría para su aprobación. Si la Interventoría, así lo considera, podrá solicitar al contratista la realización de un monitoreo de ruido para verificar el nivel de ruido que está produciendo la cortadora y de esa manera tomar las acciones correctiva.

- ✓ Se realizará continuamente mantenimiento del estado general de las volquetas, así como de los equipos y maquinaria.

- ✓ Las actividades que sobrepasen los niveles de ruido permitidos deben hacer con pausas cada dos horas con el fin de evitar conflictos con las comunidades. La persona que se encuentre recibiendo o dejando material y que esté expuesta al ruido de la cortadora debe colocarse el tapa oídos tipo copa, mientras permanezca en el área.

LUGAR DE APLICACION

- ✓ **Área de Ejecución desde su punto inicial a su punto final**

PERSONAL REQUERIDO

Profesional SISOMA
Brigada de Aseo y Limpieza

SEGUIMIENTO Y MONITOREO

Indicador	Descripción del indicador	Tipo de indicador	Periodicidad de evaluación	Registro de cumplimiento
No de certificaciones de revisión técnico-mecánica y gases vigente de los vehículos de transporte de materiales empleados en el proyecto/No. De Vehículos de transporte de materiales utilizados en el proyecto.	Control de emisiones	Indicador de cumplimiento	Mensual	Informe mensual

8.6.PROGRAMA PARA EL PAISAJE

OBJETIVO

- Mejorar la calidad paisajística producida por la ejecución en las obras en la Base Aerea
- Establecer los procedimientos básicos para el adecuado manejo paisajístico.

TIPO DE MEDIDA

CONTROL	X	PREVENCIÓN	X	MITIGACIÓN	X	CORRECCIÓN	

IMPACTOS A MANEJAR

- **Alteración del paisaje.**

ACCIONES PARA EJECUTAR

Durante el desarrollo del proyecto la afectación paisajística en los puntos que serán intervenidos por la presencia de maquinaria, volquetas, los materiales granulares y en general por las actividades para la terminación de la Fase II, para lograr la reducción de este impacto se propone las siguientes acciones:

- ✓ Se realizará el respectivo cerramiento con poli sombra con el fin de delimitar el área del proceso constructivo.

- ✓ Por lo anterior se dará instrucción a los trabajadores y operarios en cuanto a la organización de cada área y zona establecida para determinado fin, lo que permitirá la realización de obras en forma ordenada facilitando la movilidad en los frentes de trabajo y evitando la ocurrencia de accidentes al personal que labora y los usuarios de la base.

Si se cumplen las disposiciones del componente D en cuanto manejo y disposición de materiales de construcción y de escombros, el impacto sobre la calidad paisajística será minimizado.

LUGAR DE APLICACION

- ✓ **Área de Influencia Directa de ejecución de la Obra**

PERSONAL REQUERIDO

Profesional SISOMA

8.7.PROGRAMA MANEJO DE CAMPAMENTOS Y CENTROS DE ACOPIOS

OBJETIVO

Instaurar las medidas y acciones a ejecutar para manejar los impactos generados por la instalación y funcionamiento del campamento y almacén de depósito de materiales menores para mitigar cualquier afectación que se pueda generar a los Recursos naturales del sector.

TIPO DE MEDIDA

CONTROL	X	PREVENCIÓN	X	MITIGACIÓN		CORRECCIÓN	

IMPACTOS A MANEJAR

- Alteración calidad de aire
- Aumento niveles de ruido

ACCIONES PARA EJECUTAR

El campamento se instalará en el sitio autorizado por la supervisión de la entidad y la interventoria.

Por lo anterior, el centro usado para las actividades administrativas de la obra estará debidamente señalizado, y los espacios adaptados de tal forma que se eviten accidentes laborales.

Así mismo se debe proveer, según los protocolos de seguridad industrial, al campamento (centro) con equipos para control de incendios (extintores) y material de primeros auxilios como:

- ✓ Camilla
- ✓ Botiquín que contendrá por lo menos los siguientes elementos:
  - Agua destilada o solución salina.
  - Apósitos de diferente tamaño.
  - Gasa.
  - Guantes quirúrgicos.
  - Isodine espuma.
  - Isodine solución.
  - Copitos –aplicadores.
  - Vendas elásticas.
  - Microporo.
  - Curas.
  - Baja lenguas.
  - Agua oxigenada.
  - Tijeras.
  - Jabón desinfectante.
  - Linterna y todos demás elementos que sean necesarios.

- ✓ Se instalarán recipientes de diferentes colores (Negra, Verde, Rojo y Blanco) para la separación y recolección de residuos sólidos ordinarios y reciclables. Los residuos sólidos generados no reciclables serán evacuados por la empresa prestadora del servicio de aseo del sector y los residuos especiales como grasas, lubricantes, y/o sustancias químicas que se manejen durante la ejecución del proyecto se deben depositar en un recipiente resistente al efecto corrosivo.

- ✓ Se dotará con extintores tipo A-B-C, estos contarán con su hoja de seguridad en donde se especificará las fechas de llenado y caducidad y botiquín para atención de primeros auxilios.

- ✓ Las sustancias químicas que se utilicen durante el proyecto y que pueden reaccionar juntas y expeler emanaciones peligrosas o causar incendios o explosiones, se

almacenaran separadamente una de otras, de acuerdo con la NTC 1692 y NFPA 704 y la Matriz Guía de Almacenamiento Químico.

- ✓ Las sustancias inflamables que se empleen durante la ejecución del proyecto, estarán en lugares aislados. Los trapos o elementos que se encuentren impregnados de aceite, grasa u otra sustancia que pueda entrar fácilmente en combustión, se recogerán y se depositaran en un recipiente debidamente identificado.

- ✓ En el área o lugar donde se encuentren sustancias inflamables no se permitirá la realización de trabajos que generen chispas, ni ningún dispositivo de fuego, ni se permitirá fumar.

- ✓ Los recipientes de sustancias peligrosas (toxicas, explosivas, inflamables, oxidantes, corrosivas) deberán llevar etiquetas para su identificación según la norma NTC 1692. Las respectivas hojas de seguridad permanecerán en lugares visibles y cerca al lugar de almacenamiento de la sustancia.

- ✓ Se contará con una línea telefónica para comunicación permanente entre el personal.

- ✓ El reglamento de Higiene y Seguridad Industrial; las políticas exigidas en el Programa de Gestión SST, cualquier información referente a horarios de trabajo y utilización adecuada de la vivienda donde funciona el campamento, se instalará en un lugar visible.

- ✓ El campamento dispondrá de áreas para cambio de ropa y estarán en perfectas condiciones de orden y aseo, para el personal de obra se dispondrán los baños de las instalaciones del campamento.

- ✓ Siempre se contará en el campamento con la lista de teléfonos de emergencia y manual de primeros auxilios en caso de cualquier emergencia.

Todos los sitios de trabajo deberán mantenerse en buenas condiciones de higiene y limpieza. Por ningún motivo se permitirá la acumulación de polvo, basuras y desperdicios.

Sitios de acopio temporal

Para los sitios de acopio se tomarán las siguientes medidas:

- ✓ El piso será protegido con tableado o con plástico en el que se irá apilando el material por utilizar.

- ✓ Todo material que genere emisiones de partículas será cubierto con lonas o plásticos.

- ✓ Cuando sea necesario acopiar materiales granulares se aislará la zona con malla fina sintética.
- ✓ Los patios de almacenamiento deberán estar distantes de cuerpos de agua.
- ✓ Las zonas de materiales permanecerán señalizados y acordonados.
- ✓ En caso de contingencias o accidentes, se ejecutarán las labores de limpieza por parte de la brigada de Aseo y Limpieza de forma inmediata y se toman las acciones correctivas que correspondan.
- ✓ En los sitios temporales de acopio para el almacenamiento de los diferentes materiales de construcción, estos deben estar debidamente señalizados y acordonados.
- ✓ Una vez concluidas las obras se hará la recuperación ambiental de las áreas ocupadas, dejando los sitios limpios, libre de basuras y escombros.

LUGAR DE APLICACION

- ✓ Área de ejecución de la obra

PERSONAL REQUERIDO

Profesional **SISOMA**
Brigada de Aseo y Limpieza

SEGUIMIENTO Y MONITOREO

Indicador	Descripción del indicador	Tipo de indicador	Periodicidad de evaluación	Registro de cumplimiento
Dotación de elementos para el manejo de residuos sólidos y seguridad y salud en el trabajo (extintores y elementos de primeros auxilios) = 100%.		Indicador de cumplimiento	Mensual	Informe mensual
Áreas señalizadas = 100%.		Indicador de cumplimiento	Mensual	Informe mensual

8.8. PROGRAMA USO Y ALMACENAMIENTO ADECUADO DE MATERIALES DE CONSTRUCCIÓN

OBJETIVO

- Dar un manejo adecuado de tipo preventivo, de los materiales de construcción desde su comercialización, disposición y transporte, para evitar: uso inadecuado de recursos naturales, ocupación del espacio público, impactos negativos al entorno y generación de conflictos con la comunidad.

TIPO DE MEDIDA

CONTROL	**X**	**PREVENCIÓN**	**X**	**MITIGACIÓN**		**CORRECCIÓN**	

IMPACTOS A MANEJAR

- Cambios en la calidad del aire
- Cambios en los niveles de ruido
- Afectación de la cobertura vegetal a permanecer
- Alteración de la calidad visual
- Cambio en el aporte de sedimentos a las redes de alcantarillado.

ACCIONES PARA EJECUTAR

✓ Todos los materiales de construcción provendrán de fuentes legalmente constituidas y con todos los requerimientos ambientales actualizados ante la entidad ambiental competente. Los proveedores se iran presentando en los momentos de desarrollo de cada una de las actividades.

En el evento de requerirse el cambio y/o la utilización de otro proveedor de materiales no reportado en el PIPMA, se dará aviso escrito a la Interventoría con cinco (5) días de anticipación, para que sea reportado a la entidad (ICA).

✓ El transporte de los materiales cumplirán con la Resolución 541 de 1994 emitida por el hoy Ministerio de Medio Ambiente y Desarrollo sostenible, por lo tanto los vehículos utilizados no deben ser llenados por encima de su capacidad, se vigilara que la carga transportada este siempre bien cubierta, con el fin de evitar la dispersión de la misma o emisiones fugitivas, La cobertura será de un material resistente y en buen estado, esta se sujetará a las paredes exteriores del contenedor para cubrir toda la carga, los vehículos utilizados contaran con los distintivos como numero de contrato y número de placa para que sean identificados dentro del área del proyecto.

✓ <u>Medidas de manejo para obra de concreto</u>

✓ Las mezclas de concreto se realizarán sobre bases metálicas para evitar la contaminación del suelo y del agua que va a los cuerpos de agua y redes de alcantarillado.

- ✓ Si ocurre algún derrame de mezcla de concreto, ésta se recogerá inmediatamente. La zona donde se presente el derrame se limpiará, evitando dejar cualquier tipo de residuo.

- ✓ No se emplearán formaletas de madera para fundición de obras de concreto, solo para formas especiales (terminaciones circulares etc.), en caso de ser necesario, se solicitará a la Interventoría el visto bueno para realizar la fundición:

- ✓ No se hará lavado de mezcladoras de concreto en los frentes de obra.

Medidas de manejo de agregados pétreos: arenas y triturados

- ✓ Se deben manejar en el frente de obra los materiales de construcción necesarios para una jornada laboral de un día, no podrá dejarse acopio de materiales en los frentes de obra.

- ✓ Está prohibido el acopio de materiales en vías alternas.

- ✓ En caso de fuerza mayor (lluvias, disturbios o por exigencias legales) el material de construcción que se encuentre en el frente de obra que no se utilice y que sea imposible de retirar, se acordonará (como mínimo con señalizadores tubulares y cinta de señalización) y protegerá de la acción de las lluvias o el viento cubriéndolos con lonas o plástico, delimitándolos con barreras de contención como ladrillos y alejados de los drenajes superficiales de agua.

- ✓ Los vehículos de transporte de materiales deben cumplir con lo establecido en la Resolución 541 de 1994 del MAVDT sobre cargue, descargue, transporte, almacenamiento y disposición de materiales, concretos y agregados sueltos de construcción.

- ✓ Los sitos de acopio temporal estarán ubicados en áreas cerradas aprobadas por la Interventoría; el área se señalizará y demarcará.

- ✓ Para disminuir los impactos generados durante las actividades de cargue y descargue de materiales se debe considerar las siguientes acciones.

- ✓ Acciones previas

- ✓ Fijar los sectores y horarios de cargue y descargue los cuales deben garantizar la menor interferencia posible con el tráfico de vehículos y transeúntes.

- ✓ Adecuar los sitios de cargue o descargue antes de realizar esta actividad y Comunicar al almacenista la llegada del material.

- ✓ Garantizar que la zona se encuentre libre de personas y elementos que pueden obstaculizar o generar riesgo de accidente.

- ✓ El personal que se encuentre dentro de la zona de cargue y descargue debe verificar que la entrada y salida de los vehículos esté libre de elementos o agentes que signifiquen un riesgo.

- ✓ Se debe demarcar, señalizar y aislar las áreas en donde se realizarán las labores de cargue y descargue de materiales en frentes de obra y campamentos.

- ✓ Para realizar las maniobras de entrada y salida, cargue y descargue se debe contar con el personal encargado de manejar la señalización (paleteros).

- ✓ Queda prohibido el uso de zonas verdes y de espacio interno en la base Aerea o áreas aledañas a la torre de control como áreas temporales para el cargue y descargue de estos materiales.

Acciones durante el cargue y descargue:

- ✓ Identificar el material su volumen y el sitio de descargue, el responsable de la aplicación del presente procedimiento debe identificar el material, registrar el volumen, indicar el sitio de descarga y dar la orden de descargue.

- ✓ Asignar el personal que va a realizar la función, el cual debe contar con los EPP para dicha actividad.

- ✓ Ubicación del vehículo en zona de descargue, durante esta acción se debe verificar antes del descargue que el vehículo se encuentre parqueado de forma alineada en la zona delimitada como área de descarga, el vehículo no debe sobrepasar su capacidad de carga dando cumplimiento a la resolución 541 de 2004. El vehículo se debe parquear en reversa y se debe verificar que el volcó esté libre de materiales que puedan dañar el material a ser cargado.

- ✓ Recepción de la carga en el sitio indicado, verificar que el material se descargue adecuadamente en el sitio delimitado.
- ✓ Durante las labores de descargue, se debe verificar el estado, la cantidad y calidad del material descargado y diligenciar el formato señalado en el numeral de seguimiento.

- ✓ Dar aviso al almacenista que el descargue ha terminado, para lo cual se debe verificar que todo el material haya sido descargado.
- ✓ Recepción de la carga en el vehículo, se debe verificar que el material se cargue adecuadamente sin generar riesgos de accidente, por parte del almacenista y el operador del vehículo se debe verificar que las cantidades de materiales sean las que hayan sido solicitadas.
- ✓ Adecuación del vehículo para el desplazamiento y transporte del material cargado, se debe considerar que la carga quede debidamente asegurada para evitar accidentes y que el vehículo cuente con la señalización adecuada cuando vaya a transportar cargas largas y anchas.
- ✓ Orden de despacho, el transportador recibe la orden de despacho y se dispone a realizar el desplazamiento hacia el sitio de descarga, se debe contar con la orden de despacho.
- ✓ Desplazamiento del vehículo de transporte, el desplazamiento hacia el lugar de descarga se debe hacer por las rutas autorizadas para tal fin.

LUGAR DE APLICACION

- ✓ **Área de Ejecución desde su punto inicial a su punto final**

PERSONAL REQUERIDO

Profesional **SISOMA**
Brigada de Aseo y Limpieza

SEGUIMIENTO Y MONITOREO

Indicador	Descripción del indicador	Tipo de indicador	Periodicidad de evaluación	Registro de cumplimiento
No de certificaciones de revisión técnico-mecánica y gases vigente de los vehículos de transporte de materiales empleados en el proyecto/No. De Vehículos de transporte de materiales utilizados en el proyecto.	Control de emisiones	Indicador de cumplimiento	Mensual	**Informe mensual**

8.9. PROGRAMA DE MANEJO DE MAQUINARIA, EQUIPOS Y VEHÍCULOS

OBJETIVO DEL PROYECTO

Implementar las medidas necesarias para el correcto manejo de equipos de construcción presentes en la zona de obra, con el fin de prevenir, mitigar y controlar cada uno de los impactos ambientales originados de las actividades de construcción.

TIPO DE MEDIDA

CONTROL		**PREVENCIÓN**		**MITIGACIÓN**	**X**	**COMPENSACIÓN**	

IMPACTOS A MANEJAR

- Modificación en las propiedades fisicoquímicas y/o biológicas del suelo.
- Generación de residuos sólidos industriales.
- Cambios en la calidad del aire.
- Cambios en los niveles de presión sonora.

ACCIONES A EJECUTAR

1. Manejo de equipos:

Los equipos, maquinaria y vehículos se ubicarán de manera temporal en cada frente de obra que se establezca conforme avanza la misma, para esto se deberán tener en cuenta las siguientes medidas:

- ✓ Los equipos, maquinaria y vehículos, solo podrán ser manejados por el personal capacitado y formado para ello.
- ✓ El transporte de materiales y equipos debe realizarse con precaución ante otros automotores y peatones.
- ✓ Los vehículos destinados al transporte de material fino serán tapados con el fin de evitar arrastre de partículas por acción del viento.
- ✓ Operar la maquinaria y equipo de tal manera que no cause mayor deterioro a los suelos, vegetación y cursos de agua.
- ✓ Se prohíbe realizar cualquier actividad de mantenimiento de los equipos sobre las vías o lugares no autorizados.
- ✓ Todo vehículo o equipo que funcione con sistemas de combustión debe realizar el mantenimiento necesario que garantice reacciones de combustión completa en su funcionamiento. Es decir, se debe demostrar la debida sincronización y en el caso de los vehículos, presentar el certificado de la revisión técnico-mecánica y de gases como también la licencia de conducción y tarjeta de propiedad.

- ✓ El mantenimiento debe realizarse sólo por personal autorizado y especializado en el tema, deberá realizarse lejos de lugares de acopio de combustible o sustancias inflamables.
- ✓ Para el traslado de equipos pesados, deberá utilizarse un camión con remolque tipo “Cama baja” o similar. El conductor debe portar las licencias, seguros, certificados de gases y demás documentos requeridos por las autoridades para el efecto. Dicha “cama baja” debe movilizarse con las luces prendidas, con escoltas adelante y atrás, cuando lleve carga extra dimensional. No movilizar equipos en reversa por más de 500 metros. En zonas urbanas contar con ruta previamente revisada.
- ✓ Los vehículos deberán cumplir con los equipos de prevención y seguridad reglamentados como lo son: Un gato, una cruceta, dos señales de carretera, un botiquín de primeros auxilios, un extintor, dos tacos, una caja de herramienta básica, llanta de repuesto y linterna.
- ✓ Todos los operarios deberán contar con el certificado de manejo de maquinaria pesada.
- ✓ Para el traslado de maquinaria y equipo, se deberá tramitar un permiso interno (contratista y transportador), el cual garantizará el cumplimiento de la implementación de las medidas de movilización equipos y maquinaria pesada.
- ✓ La maquinaria que no se encuentre en operación debe apagarse con el fin de evitar la emisión de gases y partículas.
- ✓ En los vehículos diésel el tubo de escape debe estar a una altura mínima de 3 m.

2. Abastecimiento de combustible

El abastecimiento de combustible deberá hacerse preferiblemente en lugares autorizados, cuando se requiera hacer almacenamiento y/o abastecimiento de combustible en los frentes de obra se deberán seguir las siguientes acciones:

- ✓ El almacenamiento de combustible se debe hacer en zonas con buena ventilación preferiblemente con techos altos y en áreas usadas específicamente para este fin.
- ✓ No deberá almacenarse cerca o en sitios de almacenamiento de productos incompatibles con combustibles y lubricantes y se debe prohibir fumar, el uso de cámaras fotográficas y equipos de telefonía móvil.
- ✓ Deberá estar totalmente señalizado de acuerdo con la norma NFPA 30 o aquella que aplique –almacenamiento de sólidos, líquidos y gases inflamables–, y con el código de colores de seguridad.
- ✓ Se deberá mantener orden y aseo total en el área.
- ✓ Se deberá contar con las hojas de seguridad de los productos manejados y deberán estar a la mano del personal que lo manipula.

En los posibles casos que deba realizarse el abastecimiento se deberá poner sobre el suelo un material que no permita la contaminación de este en caso de derrame, y se deberá contar con un

material absorbente y disponerse adecuadamente de acuerdo con la Ficha de residuos sólidos domésticos, industriales y peligrosos.
Es importante tener en cuenta lo siguiente:

Dentro de las actividades puede llegar a ejecutarse la manipulación de equipos para cortes de material prefabricado, por tal motivo es de considerar las condiciones generales que se deben tener en cuenta para tal caso:

- ✓ Para realizar todo trabajo de corte de prefabricado se debe tener experiencia como cortador y el perfil laboral para el cargo.
- ✓ Se deben contar con condiciones locativas de trabajo en la cual se cuente con cerramiento alto con ventilación e iluminación, recubierto en poli sombra verde y azul.
- ✓ Contar con instalaciones eléctricas cerca de cajas de tacos principales donde quede al alcance del operario para que en caso de emergencia pueda des energizar el equipo, dicha caja debe colocarse evitando el contacto de agua durante el proceso de corte.
- ✓ La maquinaria estará en condiciones óptimas de trabajo, sistemas de gradación de altura de trabajo de acuerdo con el tipo de material y material de corte.
- ✓ Hacer el uso correspondiente de los equipos de protección personal (guantes de caucho, manga larga, overol, botas de caucho caña alta, gorro o pasamontañas, tapa bocas, tapa oídos)
- ✓ Mantener toda la zona libre de material residual de ladrillo, adoquín, bloque o cualquier material prefabricado, de manera que no sea arrastrado por escorrentía generando obstrucción en el sistema de alcantarillado.

(Lo anterior en caso de que se requiera realizar actividad de esta manera)

LUGAR DE APLICACIÓN				
Frente de obra, Sitios autorizados para el mantenimiento y/o abastecimiento de maquinaria y equipos.				
RESPONSABLE DE LA EJECUCIÓN				
Profesional SISOMA. Trabajadores, subcontratistas de obra y/o transportadores.				
SEGUIMIENTO Y MONITOREO				
Indicador	**Descripción del indicador**	**Tipo de indicador**	**Periodicidad de evaluación**	Registro de cumplimiento
Número de vehículos con revisión técnico mecánica/número de vehículos utilizados en el proyecto * 100	**Porcentaje de revisión técnico-mecánica de los vehículos del proyecto**	**Indicador de cumplimiento**	**Anual**	**Revisión técnico-mecánica de los vehículos presentados en los Informes de Cumplimiento Ambiental – ICA**

9. BIBLIOGRAFIA

- Guía ambiental para el sector de la construcción 2da Edición.
- Resolución 1138 del 31 de Julio 2013

Bucaramanga, 29 de noviembre del 2024. **INT-ICA-2024-036**

Ingeniero
GILDARDO CASTILLO SANCHEZ
Representante Legal
GESTIÓN RURAL Y URBANA S.A.S
Bogotá D.C.

REFERENCIA: CONTRATO N° GGC-089- 2024 – "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

ASUNTO: SOLICITUD DE APLICACIÓN DE MEDIDAS PREVENTIVAS

Cordial saludo,

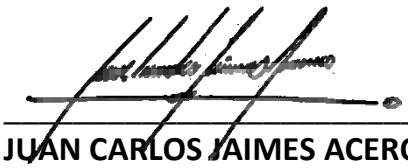
Por medio de la presente me permito solicitar la implementación de las medidas necesarias para garantizar el correcto desarrollo de las actividades en obra que impliquen actividades criticas como lo es el trabajo en alturas y el manejo de material peligroso como el asbesto.

Lo anterior se manifiesta con el fin de evitar la ejecución de la actividad de desmonte de cubierta existente sin antes tener en cuenta lo siguiente:

- Teniendo en cuenta que es una actividad en alturas, se debe remitir el procedimiento de trabajo para dicha actividad, es decir, se debe documentar el paso a paso del desarrollo en alturas para esta labor en particular, describiendo los métodos de ascenso, los elementos de protección contra caídas a utilizar y certificación de los mismos, además de sebe incluir y/o especificar, quien será el personal que ejecute dicha actividad
- Además de lo anterior, cabe mencionar que el trabajo en alturas debe estar supervisado por un coordinador de alturas desde el inicio hasta su final, el cual deberá diligenciar los permisos de trabajo y activar el plan de rescate si es el caso
- Por otra parte, teniendo en cuenta que la actividad requiere un manejo de asbesto-cemento el cual es un mineral fibroso altamente nocivo para la salud, se solicita implementar los elementos de protección personal que garanticen la

seguridad del personal encargado de llevar a cabo esta actividad. Estos elementos deben proteger al trabajador del contacto directo con el material, evitando afectaciones de la salud.

Así lo expuesto, es importante mencionar que las actividades anteriormente descritas deben realizarse bajo supervisión continua y se sugiere ejecutarse dentro de los horarios establecidos sin exceder las horas semanales reglamentadas.



JUAN CARLOS JAIMES ACERO
Representante Legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S

CORRESPONDENCIA RECIBIDA

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-05-24

Bogotá, 1 de noviembre de 2024

Arquitecto
JUAN CARLOS JAIMES ACERO
Representante legal
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Entrega observaciones a las hojas de vida en atención al oficio INT-ICA-BOL-008

Respetado arquitecto Juan Carlos.

Por medio del presente envío las observaciones y subsanaciones de las hojas de vida del personal mínimo requerido de la siguiente manera:

1. En cuanto al ingeniero electricista se adjuntan los soportes solicitados (certificados laborales, cedula, diploma y tarjeta profesional.)
2. En cuanto al SISOMA, una vez revisada la dedicación y teniendo en cuenta que es del 40% por cada uno de los frentes, se propone un profesional en salud ocupacional con las condiciones de experiencia solicitadas.
3. En cuanto a la residente 1 (MAIRA ANDREA ROMANI SIMANCA) se envía la hoja de vida básica, los soportes de grado y las dos (2) certificaciones de haber laborado en *"(…) dos (2) contratos de obra donde haya actuado como RESIDENTE DE OBRAS en obras civiles relacionadas con: construcción o adecuación o mejoramiento o ampliación o reparación o mantenimiento de edificaciones no residenciales. (…)"*
4. En cuanto a la residente 2 (KAREN ANDREA ARIAS GUERRA) se envía la vigencia de la matricula profesional y la certificación faltante para completar los *"(…) dos (2) contratos de obra donde haya actuado como RESIDENTE DE OBRAS en obras civiles relacionadas con: construcción o adecuación o mejoramiento o ampliación o reparación o mantenimiento de edificaciones no residenciales. (…)"*

De antemano agradecemos la atención prestada

GESTION RURAL Y URBANA S.A.S

Cordialmente,



GILDARDO CASTILLO SÁNCHEZ
Representante legal

COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

I.C.A. 05/11/2024 10:27
Al Contestar cite este No.: **20242125442**
Origen: Grupo de Gestión de Infraestructu
Destino: VARIAS EMPRESAS (BOGOTA
Anexos: Fol:1

11.700.3
Bogotá,

Señor
JUAN CARLOS JAIMES ACERO
Representante Legal
Equilátero, Arquitectura e Ingeniería Sas
VARIAS EMPRESAS
Tel: 3016455603
Carrera 27 N° 36-38 Bucaramanga.
leidy.hernandez@equilateroapp.com
Bogotá

ASUNTO: Solicitud acta de inicio y reiteración listado de personal de obra

Cordial saludo arquitecto,

Como es de su conocimiento, el 01 de noviembre se firmó el acta de inicio del contrato GGC-104-2024 entre la interventoría y la entidad, con el fin de darle inicio al contrato. Además, se recibió el listado del personal de la interventoría con sus afiliaciones, personal que serán autorizados para ingresar a las sedes.

Por otro lado, El mismo día, la entidad compartió el acta de inicio del contrato GGC-089-2024 para su revisión y aprobación entre las partes, documento que no se ha recibido aún. Solicito enviar el documento debidamente firmado para proceder con la publicación en el secop, y así poder iniciar el contrato de obra.

Adicionalmente, reitero la importancia de enviar el listado del personal de obra con las respectivas afiliaciones al sistema de seguridad social y riesgos laborales, con el fin de proceder con la autorización de ingresos a las sedes y darle inicio a la ejecución física del proyecto.

Dada la premura con la que se requiere el inicio de la obra, se otorga para efectos de aportar los documentos pendientes, un plazo improrrogable al 05 de noviembre.

Cordialmente,

KEIBER ALEXANDER COLORADO LANDAZURI
Coordinador Grupo de Gestión de Infraestructura Física y Mantenimiento

Elaboró: Katherine Patiño Gaviria

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-06-24

Bogotá, 5 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Listado de personal frente Carmen de Bolívar

Respetada arquitecta Liliana Quiroga.

Por medio del presente envío el listado del personal operativo que ingresara al frente de obra de Carmen de Bolívar:

NOMBRE	CEDULA
CASTILLO CONTRERAS ALBERTO CARLOS	1017124408
CASTRO CONTRERAS OSCAR	92529978
CARRASCAL MANJARRES IVAN	1100622765

De antemano agradecemos la atención prestada

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal

COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-07-24

Bogotá, 5 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Cambio de personal mínimo – inspector SISOMA

Respetada arquitecta Liliana Quiroga.

Por medio del presente envío la nueva hoja de vida de la profesional que va a ocupar el cargo de inspectora SISOMA debido a que la profesional MARILYN OSPINA por inconvenientes personales no puede viajar al lugar de ejecución de la obra, por tanto, como se menciona anteriormente se envía la hoja de vida de la profesional LORAINES MARIA BARRIOS CAMPO quien cumple con las obligaciones del anexo técnico del contrato de referencia.

De antemano agradecemos la atención prestada

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal

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PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-08-24

Bogotá, 7 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Relación completa de personal en obra en respuesta al oficio INT-ICA-2024-016

Respetada arquitecta Liliana Quiroga.

Por medio del presente envío la documentación del personal de obra relacionada de la siguiente manera:

CONTROL DE PERSONAL

ICA MAGANGUE Y CARMEN DE BOLIVAR

N°	NOMBRES	APELLIDOS	IDENTIFICACION	CARGO	FECHA DE INGRESO	FECHA DE RETIRO	EXA DE INGRESO/ O PERIODICO		ARL	EPS	AFP
							SI	NO			
CARMEN DE BOLIVAR											
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179											
1	ALBERTO CARLOS	CASTILLO CONTRERAS	1017124408				X		POSITIVA	SALUD TOTAL	PROTECCION
2	IVAN JOSE	CARRASCAL MANJARRES	1100622765				X		POSITIVA	CAJACOPI	PORVENIR
3	OSCAR	CASTRO CONTRERAS	92529978				X		POSITIVA	COOSALUD	COLFONDOS
4	MAIRA ANDREA	ROMANI SIMANCA	1143395496	RESIDENTE DE OBRA			X		POSITIVA	FAMILIAR DE COLOMBIA	COLFONDOS
5	MARISOL	OSORIO TORRES	1052082724	INSPECTOR SST			X		POSITIVA	MUTUALSER	PROTECCION
MAGANGUE											
SERVICIOS INTEGRALES DE INGENIERIA ELECTROMECANICA S.A.S NIT: 900722179											
1	AQUILIO	OLEA MARTINEZ	11058425				X		POSITIVA	FAMILIAR DE COLOMBIA	PENSIONADO
2	JORGE RAMON	SIERRA FALCO	92258930				X		POSITIVA	MUTUALSER	COLPENSIONES
3	KAREN ANDREA	ARIAS GUERRA	1102857350	RESIDENTE DE OBRA			X		POSITIVA	COOSALUD	PORVENIR
4	WILLIAM RAFAEL	SIERRA FALCO	92260059				X		POSITIVA	NUEVA EPS	COLPENSIONES
5	NILSON RAFAEL	VILLALBA FLOREZ	1100696400				X		POSITIVA	NUEVA EPS	PROTECCION
AMBOS FRENTES DE TRABAJO											
1	JAVIER FELIPE	CASTILLO GUTIERREZ	1032458205	DIR OBRA			X		COLMENA	COMPENSAR	PORVENIR
2	SANDY MANUEL	FORTICH MADERA	1063277224	ING ELECTRICISTA			X		AXA COLPATRIA	SANITAS	COLPENSIONES
3	CLOMACO ANDRES	HERNANDEZ MONTES	NO PRESENTA	ING ESTRUCTURAL				X	NO PRESENTA	NO PRESENTA	NO PRESENTA
4	LORAINES MARIA	BARRIOS OCAMPO	1102847244	PROFESIONAL SST			X		POSITIVA	NUEVA EPS	PORVENIR

Quedamos atentos a cualquier observación al respecto y de antemano agradecemos la disposición para la celeridad en la revisión de los documentos.

Cordialmente,

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S.



GILDARDO CASTILLO SÁNCHEZ
Representante legal

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PROYECTO: *JFCG. / Director de Obra*

GRU S.A.S
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-09-24

El Carmen de Bolívar, 8 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: DESMONTE Y RETIRO DE LAS UNIDADES DE AA Y PANEL DE CONECCIONES DE REDES DE INTERNET – EL CARMEN DE BOLIVAR

Respetada arquitecta Liliana Quiroga.

Por medio del presente desde obra nos permitimos notificar que no se realizó el previo desmote del equipamiento de aires acondicionados constituidos por la unidad interior y la exterior de ninguna de las oficinas intervenidas, así mismo el panel de control de redes de internet de la edificación. Durante toda la intervención se ha tenido la mayor precaución con el retiro del cielo raso, pero le recordamos a la entidad que se empezaran trabajos de desmonte de cubierta y que a la prioridad del retiro de estas máquinas se le debe sumar que quedaran a la intemperie y que el clima que nos acompaña es mayormente lluvioso.

De antemano agradecemos la atención prestada

*se adjunta evidencia.

Cordialmente,

MAIRA ROMANI
Residente de obra – El Carmen de Bol.

COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-11-24

Bogotá, 14 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Entrega de detalle del cerramiento de la sede de Magangué

Respetada arquitecta Liliana Quiroga.

Por medio del presente envío el plano de detalle del cerramiento que se va a implementar en la sede de Magangue, agradecemos la revisión y aprobación del mismo para dar la viabilidad a las actividades y poder avanzar en obra.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal

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PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-12-24

Bogotá, 15 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Entrega de alcance al detalle del cerramiento de la sede de Magangué

Respetada arquitecta Liliana Quiroga.

Por medio del presente envío el alcance plano de detalle del cerramiento que se va a implementar en la sede de Magangue, toda vez que se realizó mayor detalle en este nuevo alcance, agradecemos la revisión y aprobación del mismo para dar la viabilidad a las actividades y poder avanzar en obra.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal

COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-13-24

Bogotá, 19 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Entrega del diagnóstico de la estructura metálica y cubierta existente de los dos frentes de trabajo, Carmen de Bolívar y Magangué.

Respetada arquitecta Liliana Quiroga.

Por medio del presente envío el diagnostico de la cubierta, con los siguientes elementos de diseño:

1. Modelación, análisis y obtención de las relaciones demanda capacidad de las cerchas seleccionadas. (Carmen de Bolívar y Magangué)
2. Elaboración de informe de resultados y diagnóstico
3. Elaboración de detalle de muro de cerramiento para la sede de Magangué-Bolívar.
4. Concepto del cálculo de cargas y dimensionamiento de los elementos del cerramiento.

Teniendo en cuenta lo anterior se concluye que no se requiere realizar el cambio de la estructura metálica, por lo tanto, se recomienda un mantenimiento, es decir, lijado, limpieza, anticorrosivo y pintura de la estructura metálica existente.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal
COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

I.C.A. 19/11/2024 15:37
Al Contestar cite este No.: **20242126792**
Origen: Grupo de Gestión de Infraestructu
Destino: VARIAS EMPRESAS (BOGOTA
Anexos: Fol:2

11.700.3
Bogotá,

Señor
JUAN CARLOS JAIMES ACERO
Representante Legal
Equilátero, Arquitectura e Ingeniería Sas
VARIAS EMPRESAS
Tel: 3016455603
Carrera 27 N° 36-38 Bucaramanga.
gerencia@equilateroapp.com
Bogotá

ASUNTO: Revisión y aprobación residente de interventoría

Cordial saludo Arquitecto,

El día 18 de noviembre, la entidad recibió vía correo electrónico la renuncia del residente de interventoría Alejandro Frasser Nuñez, encargado de la residencia de la sede Magangué. En dicho documento expresa que por motivos personales el profesional solo laboraría hasta el 18 de noviembre de 2024 para la empresa Equilátero Arquitectura e Ingeniera S.A.S.

Simultáneamente, compartieron los siguientes documentos de la Arquitecta Jennifer Lucia Torregrosa Hernández:

1. Formato Experiencia del profesional

2. Hoja de vida

3. Cédula de ciudadanía

4. Tarjeta profesional

5. Vigencia y antecedentes de matrícula

6. Diploma de arquitecta

7. Carta de disponibilidad y compromiso

8. Certificados de experiencia como residente de interventoría

9. Certificados de los contratos de interventoría

La entidad procedió a revisar la documentación relacionada verificando la experiencia e idoneidad de la profesional según lo exigido en el pliego de condiciones, y logró concluir que la profesional

cumple con todos los requisitos exigidos, motivo por el cual se aprueba su participación como residente de interventoría para la sede Magangué, a partir del 19 de noviembre de 2024.

Adicionalmente, para permitir el ingreso de la profesional a la sede, solicito compartir las afiliaciones al sistema de seguridad social y parafiscales, el cual debe tener como empleador la empresa Equilátero Arquitectura e Ingeniera S.A.S.

Cordialmente,



VICTOR CAMILO CLAVIJO MORENO
Coordinador Grupo de Gestión de Infraestructura Física y Mantenimiento

Elaboró: Katherine Patiño Gaviria

I.C.A. 19/11/2024 15:38
Al Contestar cite este No.: **20242126793**
Origen: Grupo de Gestión de Infraestructu
Destino: VARIAS EMPRESAS (BOGOTA
Anexos: Fol:7

11.700.3
Bogotá,

Señor
JUAN CARLOS JAIMES ACERO
Representante Legal
Equilátero, Arquitectura e Ingeniería Sas
VARIAS EMPRESAS
Tel: 3016455603
Carrera 27 N° 36-38 Bucaramanga.
gerencia@equilateroapp.com
Bogotá

ASUNTO: Verificación cumplimiento de obligaciones y solicitud informe estado contrato

Cordial saludo,

Realizando una revisión de los documentos entregados por parte de la interventoría sobre los contratos GGC-104-2024 (interventoría) y GGC-089-2024 (obra) de las adecuaciones y mantenimiento de las oficinas locales ICA en Carmen de Bolívar y Magangué, Bolívar, la entidad encontró que a la fecha no se les ha dado cumplimiento a todas las obligaciones contractuales.

Se reitera la importancia de cumplir con los plazos establecidos y obligaciones plasmadas dentro del pliego de condiciones, contrato y anexo técnico, la entidad procedió a evaluar el cumplimiento de cada una de las obligaciones de ambos contratos, y determinó que, a hoy 19 de noviembre, 18 días después del inicio del contrato, no se ha logrado cumplir con todas las obligaciones.

CONTRATO GGC-089-2024

OBLIGACIÓN	OBSERVACIONES
Presentar al interventor del contrato dentro en un término máximo de cinco (5) días hábiles, contados a partir de la suscripción del contrato y previo a la suscripción del acta de inicio, el Análisis de Precios Unitarios (APU), en el cual se deberá discriminar como mínimo la cantidad y costo de materiales con su respectivo desperdicio, herramientas, equipos, mano de obra y transporte de materiales en general, requeridos para el desarrollo de cada una de las actividades que conforman el cuadro de presupuesto, los cuales deben cumplir con lo siguiente: i). Materiales y desperdicio: Los necesarios (especificar); ii). Herramientas y equipo: Los necesarios (especificar); iii). Mano de Obra: Cuadrilla o cuadrillas requeridas. Si el proponente omite uno o más insumos, equipo o herramienta en los análisis de precios unitarios, o no incluye los costos de movilización y transporte de materiales o equipo a utilizar, cuando así se requiera,	

estos costos deberán ser asumidos en obra y así cumplir con las especificaciones técnicas. Adicionalmente es necesario elaborar los siguientes cuadros complementarios: Cuadro de cuadrillas: El cuadro de cuadrillas se realizará según tipo (albañilería, carpintería en madera, pinturas, etc.), señalando su conformación (oficiales, ayudantes, etc.). Se indicará el valor del salario, éste y sus componentes deben ajustarse a lo establecido por la ley, el resultado deberá expresarse en jornal (la remuneración de un día de trabajo) y será trasladado a la casilla de mano de obra en los APU. Las cuadrillas tipo a utilizar deben estar de acuerdo con la actividad a desarrollar para cada actividad. Solo se aceptará una cuadrilla por especialidad en cada APU, es decir no pueden existir 2 o más cuadrillas iguales en un mismo APU, pero si es posible que un APU necesite el empleo de varias cuadrillas de distinto género. EL VALOR TOTAL DE CADA UNO DE LOS ANÁLISIS DE PRECIOS UNITARIOS (APU) DEBERÁ SER REDONDEADO A MÁXIMO DOS DECIMALES, ESTE VALOR DEBERÁ SER IGUAL AL PRESENTADO EN EL CUADRO DE PRESUPUESTO ADJUNTADO A LA PROPUESTA	- El contratista cumplió con la entrega de los APU - Se le dio plazo adicional al contratista para entregar el cuadro de cuadrillas, una vez se definiera la actividad de la cubierta, a la fecha no se ha entregado. Se solicita entregar el cuadro de cuadrillas de acuerdo a los APU aprobados por la interventoría.
Presentar cronograma detallado de obra a realizar por capítulos, a partir de los planos, documentos técnicos, las condiciones del sitio, utilizando una aplicación software tipo Project o similar en un diagrama de barra, discriminando en semanas, con el plazo máximo de ejecución establecido por la entidad y dentro de los parámetros propuestos; deberá incluir: la secuencia y duración de cada una de las actividades, indicadas en el formato de cantidades de la propuesta económica, ruta crítica, programación de los trabajos que incluya todas las actividades (capítulos, subcapítulos y los ítems en su totalidad) y programa detallado de personal por actividades. El cronograma de obra se entregará al interventor dentro en un término máximo de cinco (5) días hábiles, contados a partir de la suscripción del contrato previa suscripción del acta de inicio, para que posteriormente sea entregado y aprobado por parte de la interventoría.	- Este documento fue entregado por el contratista de obra y avalado por la interventoría. Sin embargo, se evidencia una falencia en el inicio, dado que la fecha del cronograma esta a partir del 01 de noviembre, y el acta de inicio del contrato es del 02 de noviembre, se solicita ajustar.
Destinar a la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la	

jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda su vigencia en el porcentaje mínimo establecido en este numeral, so pena del incumplimiento contractual. El Supervisor hará el seguimiento y verificará que las personas vinculadas al inicio y durante la ejecución del contrato pertenezcan a los grupos poblacionales enunciados anteriormente. Para estos efectos, el contratista presentará la documentación respectiva que acredite la condición de los sujetos mencionados y la forma en la que participarán durante la ejecución del contrato. El cumplimiento de esta obligación deberá probarse ante al supervisor y/o interventor dentro de los tres (3) días hábiles siguientes contados a partir de la firma del acta de inicio. Para la acreditación de la condición de mujer cabeza de familia, personas en condición de discapacidad, adultos mayores, población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, personas en proceso de reintegración o reincorporación, se aplicará en lo pertinente lo dispuesto en el artículo 2.2.1.2.4.2.17 del Decreto 1082 de 2015 o la norma que lo modifique, complemente o sustituya. Por su parte, la condición de población en pobreza extrema se constatará en las bases de datos del Sistema de Identificación de Potenciales Beneficiarios de Programas Sociales (Sisbén IV) y la condición de víctima de conflicto armado y de desplazados por la violencia deberá demostrarse con el certificado de inclusión en el Registro Único de Víctimas – RUV, en los términos del Decreto 1084 de 2015 o la norma que lo modifique, complemente o sustituya. La condición de los sujetos de especial protección constitucional que no se encuentre definida en esta cláusula deberá ser acreditada por el contratista de conformidad con lo determinado por la ley y la jurisprudencia en ausencia de norma aplicable.	- Esta actividad tenía como fecha de cumplimiento el 06 de noviembre, y 10 días después aún no se le ha dado cumplimiento. Se solicita demostrar el cumplimiento de esta obligación.
Presentar informe de cubierta donde se muestre el levantamiento actual de la estructura y se identifique si es necesario o no realizar un reforzamiento estructural. Este informe se deberá entregar al interventor dentro en un término máximo de cinco (5) días hábiles contados a partir de la suscripción del acta de inicio. El informe deberá cumplir con los requisitos exigidos en el ANEXO No. 01 – ANEXO TÉCNICO.	- La visita del estructural se realizó el 08 y 09 de noviembre, por lo que el informe de cubierta detallado tenía fecha máxima de entrega el 16 de noviembre, documento que aún no se ha entregado. - Cerramiento: no compartió memorias de cálculo, en la fecha establecida. - Cubierta: en comité se dio plazo máximo de entregar todo a la interventoría el 18 de noviembre y a la fecha no se ha entregado.
Presentar al interventor del contrato el listado del personal que laborará en el proyecto, la cual deberá contener: Nombre, cedula de ciudadanía, cargo; también debe aportar	- El contratista de obra ha cumplido parcialmente con esta actividad. Dado que se evidencia que a hoy 19 de noviembre, todavía no

las certificaciones de afiliación y de pago mes a mes de la seguridad social y durante el periodo del contrato (Pensión, EPS y ARL). Toda persona que labore dentro del proyecto debe estar vinculada a la empresa	cumple con los requisitos el equipo eléctrico. - Se solicita a la interventoría enviar el listado de todo el personal autorizado de obra con las afiliaciones.
Presentar al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO	- El informe quincenal con fecha de corte al 16 de noviembre aún no se ha recibido por la entidad, se solicita enviarlo inmediatamente con la aprobación de la interventoría.
El Contratista se compromete a realizar una presentación en formato digital semanal ante los comités pertinentes, detallando el progreso de la obra en los aspectos financieros, administrativos, de seguridad y salud ocupacional (SST), así como en los temas ambientales. Esta presentación deberá incluir información fotográfica actualizada y detallada sobre el estado de avance en cada una de estas áreas, proporcionando a los comités una visión integral del desarrollo del proyecto	- El contratista de obra no cumplió con esta obligación en el primer comité, exigirle el cumplimiento para los comités que siguen.
Entregar al interventor las memorias de cálculo, los planos de diseño y los planos récord de obra el cual deberá ser adjunto al informe final y necesarios para la suscripción del acta de recibo	- Si bien se menciona que se deben entregar adjunto al informe final, a la fecha no ha cumplido con la entrega de los diseños estructurales: Cerramiento: no compartió memorias de cálculo. Cubierta: en comité se dio plazo máximo de entregar todo a la interventoría el 18 de noviembre y a la fecha no se ha entregado.
Efectuar la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).	- El contratista tenía la obligación de realizar una socialización del proyecto con las partes interesadas del entorno del contrato. A la fecha, no se ha compartido el acta de socialización y el registro fotográfico. Se solicita enviar dicha información.
Documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).	- Estos documentos contaban con máximo 5 días hábiles y a la fecha no se han recibido. Se solicita enviarlos inmediatamente con la aprobación de la interventoría.
Plan detallado de trabajo (numeral 4.1 del Anexo Técnico)	- La entidad no ha recibido el plan detallado de trabajo exigido en el anexo técnico, numeral 4.1, solicitamos enviarlo de forma inmediata.

Adicionalmente, dentro del contrato se encuentran algunas obligaciones que, si bien son de cumplimiento durante toda la ejecución, la entidad solicita entregar avances previos:

OBLIGACIÓN	OBSERVACIONES
Proveer suficiente personal, herramienta, equipo y trabajar con los turnos necesarios para que el trabajo se realice de acuerdo con el programa de obra aprobado, cuando el contratista se atrase con respecto al programa de obra, el interventor le puede exigir por escrito un plan de contingencia en el que aumente el número de turnos y/o la	- Se evidencia atrasos en el cronograma de obra inicial, se le sugiere al interventor exigirle un plan de contingencia.

jornada de trabajo, sin costo adicional para el ICA.	
Llevar una memoria diaria o bitácora de obra de todos los acontecimientos, sucesos y decisiones tomadas en la ejecución de la obra, registrarse la visita de funcionarios que tengan que ver con el proyecto, y demás acontecimientos, debe permitir la comprensión general de la obra y desarrollo de las actividades de acuerdo con el cronograma de ejecución aprobado. Debe firmarse por el residente de obra y la interventoría del contrato. Esta bitácora deberá ser entregada previa suscripción del acta de recibo.	- Si bien esta actividad se le da cumplimiento al finalizar el contrato, solicito enviar cada semana con el informe semanal de interventoría la copia de la bitácora debidamente firmada por ambas partes.
Realizar y mantener actualizado el balance de obra, el cual debe contener las actividades, cantidades y valores de las condiciones de obra contratadas, condiciones actualizadas, mayores y menores cantidades de obra y cantidades finales ejecutadas; documento que tiene por objeto el control de los recursos contractuales. Éste deberá ser presentado a la interventoría con cada corte de obra o cuando esta lo requiera	- Presentar el balance del contrato en cada comité semanal.

CONTRATO GGC-184-2024

OBLIGACIÓN	OBSERVACIONES
Conocer las obligaciones a cargo del Contratista de obra, del Interventor y de la Entidad Contratante; los riesgos que asume cada parte dentro del contrato y verificar que se cumplan los objetivos generales y específicos de los mismos	- Si bien la interventoría esta cumpliendo con sus obligaciones en la obra, no se evidencia que se le haya exigido al contratista la entrega de toda la documentación faltante, alguna de esta tenía fecha máxima el 08 de noviembre y otra el 16 de noviembre, y ninguna se ha recibido por parte de la entidad.
Conocer a cabalidad todos los documentos referentes al proceso del contratista de obra, los estudios previos, el anexo 1 - anexo técnico, el pliego de condiciones, la propuesta, y demás documentos que hacen parte del proceso de selección, para realizar el seguimiento, vigilancia y control de forma eficiente	Solicito realizar una revisión a todos los documentos precontractuales y contractuales del contrato GGC-089-2024, con el fin de conocer cuales obligaciones a la fecha aún no se le ha exigido su cumplimiento.
Exigir al contratista la documentación requerida una vez se adjudique el contrato para su respectiva revisión y aprobación: documentación del equipo de trabajo, informe diagnóstico, análisis de precios unitarios, cronograma de trabajo, Plan de Manejo Ambiental, y seguridad y salud en el trabajo, cuadro de cuadrillas, informe de cubierta detallado, y plan detallado de trabajo	- Si bien enviaron una solicitud al inicio del contrato, no se evidencia reiteración sobre la entrega del cuadro de cuadrillas y el plan detallado de trabajo. - Estos documentos debieron entregarse a más tardar el 8 de noviembre. Se sugiere solicitar nuevamente, o en caso de haberse entregado, solicito enviarlo a la entidad con su aprobación.
Realizar la aprobación y velar por el cumplimiento del Plan de Manejo Ambiental de Obra y el Sistema de Gestión, Seguridad y Salud en el Trabajo (SG SST), elaborado por el contratista de obra	- La entidad el día de hoy compartió el plan SG-SST aprobado por ustedes el 01 de noviembre, esto indicia que a la fecha no se le ha realizado seguimiento. Solicito velar por el cumplimiento de forma inmediata.
Ante la evidencia de un posible incumplimiento, el interventor, informará de inmediato o a más tardar al día hábil siguiente de la ocurrencia, a través de informe técnico detallado, al	- La interventoría no ha enviado ningún informe de evidencia de posible incumplimiento informando a la entidad sobre los retrasos administrativos y los físicos de la obra.

ordenador del gasto, para que inicie las acciones correspondientes, contando para ello con el apoyo de quien cumple con el rol jurídico de la empresa y de la dependencia de la entidad	- Se solicita enviar informe donde se evidencie todos los incumplimientos que ha tenido el contratista de obra en sus obligaciones administrativas, además de informar sobre los retrasos físicos de la obra.
Efectuar la verificación del aporte mínimo dentro del rango de cinco por ciento (5 %) al diez por ciento (10%) que el Contratista incorpore en la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera	- No se ha compartido con la entidad la verificación y/o afiliaciones del personal de especial protección exigido al contratista de obra. Se solicita enviar el cumplimiento de esta obligación. - En caso de que el contratista no haya cumplido, no se evidencia la solicitud de cumplimiento de esta actividad.
Analizar el avance contractual de los trabajos, con el fin de prever, con la suficiente anticipación, eventuales incumplimientos de plazos y sub-plazos, que hagan necesaria la toma de medidas con el contratista para prevenirlos, o para efectos de advertir y sugerir al Instituto Colombiano Agropecuario - ICA la imposición de las sanciones contractuales correspondientes.	- Si bien en los informes semanales se evidencia que hay un atraso en la ejecución de la obra y la entidad conoce que la mayoría se debe al tema estructural, no se evidencia solicitudes o informes donde demuestre el incumplimiento de las actividades administrativas respecto al informe de la cubierta detallada y a los diseños. - Se solicita enviar informe a la entidad donde se evidencie los retrasos que se tienen y donde se emita concepto si ve viable la implementación de un plan de contingencia o la posibilidad de un posible incumplimiento.
Requerir a los contratistas cuando incumplan obligaciones contractuales, informar de ello por escrito al Instituto Colombiano Agropecuario - ICA y, de resultar pertinente, avisar a la aseguradora.	- No se evidencia requerimiento al contratista de obra, ni informe a la entidad.

Teniendo en cuenta lo anterior, la entidad solicita de forma urgente el cumplimiento de todas las obligaciones contractuales mencionadas con un plazo máximo de 3 días. Los documentos que debe entregar el contratista de obra deberán estar avalados por la interventoría.

Adicionalmente, la entidad solicita a la interventoría realizar un informe detallado de los avances del contrato GGC-089-2024, donde se evidencia el cumplimiento o la falta de cumplimiento de las obligaciones contractuales tanto administrativas como técnicas, para ello recomiendo realizar la cronología del cumplimiento de las obligaciones. Además, en el informe se deberá emitir concepto, donde se recomiende acciones pertinentes a tomar para el cumplimiento de obligaciones faltantes, posibilidad de implementar un plan de contingencia o la posibilidad de adelantar un incumplimiento.

Cordialmente,

VICTOR CAMILO CLAVIJO MORENO
Coordinador Grupo de Gestión de Infraestructura Física y Mantenimiento

Elaboró: Katherine Patiño Gaviria

ICA
Instituto Colombiano Agropecuario

I.C.A. 20/11/2024 12:08
Al Contestar cite este No.: **20242126904**
Origen: Grupo de Gestión de Infraestructu
Destino: VARIAS EMPRESAS (BOGOTA
Anexos: Fol:1

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Bogotá,

Señor
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Equilátero, Arquitectura e Ingeniería Sas
VARIAS EMPRESAS
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ASUNTO: Respuesta a radicado No. INT-ICA-2024-020 donde se solicita autorización para el desmonte de aires acondicionados y gabinete de internet en la sede Carmen de Bolívar.

Cordial saludo Arquitecto,

frente a su solicitud, la entidad informa que no se puede dar autorización para el retiro de los aparatos mencionados, debido a que no cumple con los requisitos exigidos en el pliego de condiciones.

Para ello se solicita a la Interventoría que dicha solicitud venga acompañada con su concepto técnico y visto bueno, teniendo presente la obligación no. 30 del pliego de condiciones del contrato GGC-089-2024, "*Cada vez que se realice alguna modificación a las cantidades de las actividades iniciales o se deba ejecutar una obra no prevista, se deberá diligenciar el formato de la entidad y ser aprobado tanto por el interventor como por la entidad*". Adicionalmente, se requiere anexar a dicha solicitud el balance de mayores y menores cantidades sin afectar el alcance del contrato y valor total del mismo.

Cordialmente,

VICTOR CAMILO CLAVIJO MORENO
Coordinador Grupo de Gestión de Infraestructura Física y Mantenimiento

Elaboró: Katherine Patiño Gaviria

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-14-24

Bogotá, 24 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Respuesta al oficio INT-ICA-2024-031 a lo referente con el presunto incumplimiento del contrato de referencia

Respetada arquitecta Liliana Quiroga.

Por medio del presente doy respuesta puntual a cada uno de los requerimientos solicitados en el oficio del asunto:

- No se ha remitido el cuadro de cuadrillas que debe cumplir con "realizará según tipo (albañilería, carpintería en madera, pinturas, etc.), señalando su conformación (oficiales, ayudantes, etc.). Se indicará el valor del salario, éste y sus componentes deben ajustarse a lo establecido por la ley, el resultado deberá expresarse en jornal (la remuneración de un día de trabajo) y será trasladado a la casilla de mano de obra en los APU. Las cuadrillas tipo a utilizar deben estar de acuerdo con la actividad a desarrollar para cada actividad. Solo se aceptará una cuadrilla por especialidad en cada APU, es decir no pueden existir 2 o más cuadrillas iguales en un mismo APU, pero si es posible que un APU necesite el empleo de varias cuadrillas de distinto género."

  RESPUESTA: El contratista si entrego el cuadro de cuadrillas que estaba destinado a la elaboración de los análisis de precios unitarios contractuales del contrato de referencia. Esto en el archivo denominado "FORMULARIO No. 01 - FORMULARIO OFERTA ECONOMICA" lo anteriormente requerido se encuentra descrito en el numeral "4.1. ACTIVIDADES A DESARROLLAR PREVIA EJECUCIÓN DE LA OBRA (…) Análisis de precios unitarios" lo cual efectivamente, era para el desarrollo de los APU´s anteriormente mencionados, de los cuales a la fecha no se recibieron observaciones y se recibieron a satisfacción por la presente interventoría. El

documento fue entregado desde el 23 de octubre del año 2024. Igualmente, con el presente oficio se reenvía el mismo y quedamos atentos a cualquier observación.

- La programación fue entregada por el contratista de obra y avalado por la interventoría. Sin embargo, se evidencia que el inicio del cronograma está a partir del 01 de noviembre, y el acta de inicio del contrato es del 02 de noviembre, se solicita ajustar.

  RESPUESTA: Efectivamente y tal como lo manifiesta la presente interventoría la programación fue entregada de acuerdo a lo requerido en el anexo técnico el día 30 de octubre de 2024, previo al inicio de obra. En consecuencia, en ese momento se tenia previsto tener el inicio de obra para el 1 de noviembre de 2024, por unas observaciones presentadas al personal mínimo requerido del contratista, la firma del acta de inicio se retraso un día, por lo anterior se presenta junto a este documento la actualización de la programación a partir del 2 de noviembre de 2024.

- No se han remitido los documentos que permitan verificar que se destinó para la ejecución del contrato, en un porcentaje mínimo del 5%, sin perjuicio de que el contratista incorpore un porcentaje superior al definido por la Entidad, la provisión de bienes o servicios por parte de alguno o algunos de los siguientes sujetos de especial protección constitucional: población en pobreza extrema, desplazados por la violencia, personas en proceso de reintegración o reincorporación, víctimas de conflicto armado interno, mujeres cabeza de hogar, adultos mayores, personas en condición de discapacidad, así como la población de las comunidades indígena, negra, afrocolombiana, raizal, palanquera, Rrom o gitana, entre otros sujetos identificados por la Ley o la jurisprudencia de esta manera. El porcentaje de sujetos mencionados incorporados a la ejecución del contrato deberá mantenerse durante toda

  RESPUESTA: Es importante aclarar que lo requerido es diferente al personal en condición de discapacidad presentado junto a la oferta, que lleva más de un año vinculado a la empresa GESTION RURAL Y URBANA SAS, el cual es un personal operativo quien hace parte del grupo de trabajo de GESTION RURAL Y URBANA SAS, y participa en las actividades del proyecto de referencia en la parte administrativa. Este personal se podrá verificar en el primer informe mensual cuando se presente la planilla de pago de GESTION RURAL Y URBANA SAS y se logre verificar que dicho personal se encuentra vigente. Ahora bien, en cuanto al requerimiento especifico de parte de ustedes, dicha verificación se pudo hacer desde la entrega de la documentación del personal operativo de obra, ya que, el trabajador **Aquilio Olea Martinez** se encuentra dentro del grupo poblacional de adulto mayor, y teniendo en cuenta el control de personal que manejan los

profesionales del sistema HSEQ, a la fecha no hay más de veinte (20) personas vinculadas directamente con la ejecución de la obra. De ser el caso de sobrepasar el número de veinte (20) personas se remitirá la información del personal operativo, mencionado anteriormente, que desarrolla actividades administrativas.

- No se han remitido al interventor informes quincenales del avance de obra, mensuales e informe final de obra en medio magnético. La información mínima que debe contener cada informe se encuentra especificado en el ANEXO No. 01 – ANEXO TÉCNICO.

  RESPUESTA: En cuanto al informe quincenal con fecha de corte del 19 de noviembre de 2024, se adjunta con el presente oficio.

- No se han remitido los documentos que permitan verificar que se realizó la socialización con las partes interesadas del entorno del contrato (numeral 5.4 del anexo técnico).

  RESPUESTA: En cuanto a lo solicitado en el anexo técnico en cuanto al numeral **"5.4 GESTIÓN SOCIAL"** Se aclara que desde la primera reunión con el ICA se mencionó que cualquier trámite o requerimiento debía ser directamente con los supervisores del contrato, de hecho se menciono la reunión preliminar que se tuvo con los encargados de las sedes a intervenir para la realización de las obras, adicional a esto, se dejo claro que no se podían atender los requerimientos por parte de los encargados de las sedes sin previa autorización de la interventoría del contrato. En este sentido, y teniendo en cuenta que no hay población colindante a la ejecución de la obra, solicitamos respetuosamente a la interventoría, aclararnos ante que partes interesadas en el proyecto, se debe hacer dicha socialización y procederemos a hacerla.

- No se han remitido los documentos de salud ocupacional: Carta de compromiso de cumplimiento como contratista y matriz de cumplimiento de requisitos en seguridad y salud en el trabajo (numeral 6.9 del anexo técnico).

  RESPUESTA: Con el presente documentos, se presentará la carta de compromiso por parte del contratista y se adjunta dentro del informe quincenal, un apartado independiente para dar cumplimiento a los requisitos de la matriz de seguridad y salud en el trabajo.

- No se ha recibido el plan detallado de trabajo exigido en el Plan detallado de trabajo (numeral 4.1 del Anexo Técnico)

RESPUESTA: Es importante aclarar, que dentro del alcance del desarrollo del contrato la entidad planteo el cambio completo de la estructura metálica, lo cual no es necesario, toda vez que las dos estructuras existentes, están en condiciones optimas y solo requieren un mantenimiento. En ese sentido el desarrollo del contrato y el alcance del mismo tiene un cambio sustancial, por lo tanto, los documentos contractuales solicitados tendrán cambios abruptos al momento de definir dicho alcance. Sin embargo, en aras de dar cumplimiento a lo solicitado se anexa el plan detallado de trabajo de cada uno de los frentes de obra.

Igualmente, en respuesta de la complementación del plan de seguridad y salud en el trabajo y ambiental, del sistema HSEQ se adjunta un apartado puntual de plan ambiental para subsanar el requerimiento solicitado.

Cordialmente,



GILDARDO CASTILLO SÁNCHEZ
Representante legal
COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

I.C.A. 25/11/2024 15:16
Al Contestar cite este No.: **20242127302**
Origen: Grupo de Gestión de Infraestructu
Destino: VARIAS EMPRESAS (BOGOTA
Anexos: Evaluación especialista Fol:2

11.700.3
Bogotá,

Señor
JUAN CARLOS JAIMES ACERO
Representante Legal
Equilátero, Arquitectura e Ingeniería Sas
VARIAS EMPRESAS
Tel: 3016455603
Carrera 27 N° 36-38 Bucaramanga.
gerencia@equilateroapp.com
Bogotá

ASUNTO: Aprobación especialista estructural

Cordial saludo Arquitecto,

El día 20 de noviembre, la entidad recibió vía correo electrónico la solicitud de cambio del profesional Especialista en Estructuras, debido a que el profesional anteriormente aprobado, Luis Carlos Calderón, no cuenta con la disponibilidad requerida para continuar dentro del proyecto.

Es así, como la entidad ha venido revisando la documentación entregada del profesional, Carlos Mauricio Torres, y solo hasta hoy se evidencia el cumplimiento de todos los requisitos exigidos en el pliego de condiciones del contrato GGC-104-2024.

Los documentos revisados y aprobados por la entidad fueron los siguientes:

1. Formato Experiencia del profesional

2. Hoja de vida

3. Cédula de ciudadanía

4. Tarjeta profesional

5. Vigencia y antecedentes de matrícula

6. Diploma de arquitecta

7. Carta de disponibilidad y compromiso

8. Certificados de experiencia como residente de interventoría

9. Certificados de los contratos de interventoría

La aprobación del profesional, se da a partir de hoy 22 de noviembre de 2024, sin embargo, el profesional no podrá participar en el proyecto hasta que no se cuenten con las afiliaciones al sistema de seguridad social y parafiscales, solicito compartir las afiliaciones requeridas.

Cordialmente



VICTOR CAMILO CLAVIJO MORENO
Coordinador Grupo de Gestión de Infraestructura Física y Mantenimiento

Anexos: Evaluación especialista
Elaboró: Katherine Patiño Gaviria

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-15-24

Bogotá, 25 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Solicitud de cambio de especificación técnica de la teja tipo sándwich.

Respetada arquitecta Liliana Quiroga.

Por medio del presente solicitamos respetuosamente el cambio de la especificación técnica del item *"Suministro, transporte e instalación de cubierta (Teja Termoacústica kingroof ECO-panel tipo sándwich con aislante en polisocianurato PIRSAFE e:30mm Blanco o verde, calibre28, lámina interna Foil Vinil Color natural o similar con las mismas características o mejores). Incluye los caballetes y remates requeridos, además de los accesorios para su debida instalación, y recubrimiento de color"* teniendo en cuenta que existen condiciones técnicas que no permiten la correcta instalación y el perfecto funcionamiento para lo cual es requerida dicha cubierta; es decir que no cumple con las condiciones de empalme e impermeabilización teniendo en cuenta que se debe instalar continua a una teja existente que se encuentra en comodato y que no se puede intervenir.

Adicionalmente, por la geometría y la configuración de la cubierta, se deberían instalar elementos adicionales para poner el set de fijación que recomienda el fabricante, por lo tanto, se debería realizar nuevamente una validación con el estructural.

Por otro lado, estos tipos de empalme con tejas de otra tipología diferente a la propuesta, en la experiencia del contratista, han resultado inoficiosos y permeables.

Ahora bien, ahondando en el tema, este tipo de teja es diferente al que se viene usando institucionalmente en los procesos desarrollados por el ICA, que es, la teja termoacústica Ecoroof UPVC de diferentes calibres.

En consecuencia, solicitamos incluir el item "*Suministro, transporte e instalación de cubierta (Teja Termoacústica Ecoroof UPVC 2.0 mm color blanco o similar con las mismas*

*características o mejores). Incluye los caballetes y remates requeridos, además de los accesorios para su debida instalación" c*on un valor de **$114.724** el cual es menor al precio actual de cubierta, lo cual permite tener un recurso adicional para realizar otras actividades que requiere la sede y mantener las especificaciones de calidad de la intervención.

Tenga en cuenta que con el presente tipo de cubierta se solucionan los problemas de impermeabilización y empalme mencionados en los informes anexos a la presente comunicación.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal
COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-16-24

Bogotá, 25 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Envío ficha técnica de planta eléctrica

Respetada arquitecta Liliana Quiroga.

Por medio del presente envío la ficha técnica de la planta eléctrica para su aprobación y seguimiento; para nosotros poder proceder con la compra de la misma.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal
COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-17-24

Bogotá, 27 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Envío respuesta de las observaciones de los planteamientos estructurales, cubierta y cerramiento del oficio

Respetada arquitecta Liliana Quiroga.

Por medio del presente envió las respuestas punto a punto de las observaciones realizadas a los planteamientos estructurales realizados por el especialista.

Lo anterior con el objetivo de dar cierre a lo referente al cerramiento y tener el aval para desarrollar las actividades de cerramiento en la sede de Magangué. Lo que respecta a la estructura metálica de cubierta, se remite para su validación y se está trabajando en la complementación de lo entregado, con el fin de tener el aval por parte de interventoría.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal
COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-18-24

Bogotá, 29 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Socialización del proyecto

Respetada arquitecta Liliana Quiroga.

Por medio del presente envió los soportes de la socialización del proyecto en cada uno de los dos frentes de trabajo.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal
COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

GRU S.A.
GESTIÓN RURAL Y URBANA S.A.S

GRU-GGC-089-2024-19-24

Bogotá, 29 de noviembre de 2024

Arquitecto
LILIANA QUIROGA
Directora de obra
EQUILATERO ARQUITECTURA E INGENIERÍA S.A.S
Bogotá D.C.

Referencia: CONTRATO GGC-089-2024 "ADECUACIÓN DE LA OFICINA LOCAL ICA MAGANGUÉ Y MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLÍVAR"

Asunto: Plan de calidad

Respetada arquitecta Liliana Quiroga.

Por medio del presente envió el plan de calidad realizado como factor de ponderación, con el fin de dar cumplimiento a los requerimientos contractuales.

Cordialmente,

GILDARDO CASTILLO SÁNCHEZ
Representante legal
COPIA: *Archivo magnético del contrato*
PROYECTO: *JFCG. / Director de Obra*

ANEXOS GENERALES (PARA LOS DOS FRENTES)

ACTAS DE COMITÉ

ACTA DE REVISIÓN – No. 1 DE PROYECTO BOLÍVAR

Motivo Reunión	**Quien cita**	
1. Socialización obras a ejecutarse en la sede Carmen de Bolívar. 2. Socialización obras a ejecutarse en la sede Magangué. 3. Acuerdo visita de diagnóstico. 4. Informe sobre el estado del contrato de interventoría. 5. Informe sobre posibles modificatorios al contrato inicial.	Grupo de Infraestructura Física y Mantenimiento	
Objetivo	**Fecha:**	09 de octubre de 2024
Socializar las actividades a ejecutarse en cada una de las sedes que se contemplan dentro del objeto contractual.	**Lugar:**	Oficinas Nacionales ICA / Virtual
	Hora:	9:00 a.m.
	Notas por:	
	Próxima Reunión:	

PARTICIPANTES

Nombre	Cargo
Javier Felipe Castillo	Profesional GRU S.A.S / Contratista de Obra
Juan Carlos Jaimes Acero	Representante Legal Equilátero Arquitectura e Ingeniería S.A.S / Contratista de interventoría
Keiber Landázuri Colorado	Supervisor del contrato de interventoría / Coordinador del Grupo de Infraestructura Física y Mantenimiento
Katherine Patiño Gaviria	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento
Leonardo Salgado González	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento
Andrés Albeiro Otero Fajardo	Profesional Universitario

AGENDA – DESARROLLO

Se inicia la reunión con una presentación de todos los asistentes, donde se menciona el cargo y la empresa por la cual se encuentran en el proceso.

Se continúa mencionando el objetivo de la reunión, la cual se realiza para socializar las actividades a ejecutarse en las sedes Magangué y Carmen de Bolívar.

La profesional Katherine comienza con la socialización de la sede Carmen de Bolívar, primero se muestra su localización mediante la herramienta Google maps, se explica que la edificación que se va a intervenir comparte sus instalaciones con Agrosavia, dando claridad que la intervención solo se realizará en el bloque que es utilizado por el ICA, los espacios que están en comodato con Agrosavia no se pueden intervenir.

Se muestra en el plano cuales son las áreas que se van a intervenir y se informa que las actividades a realizarse

son las instalaciones de la red eléctrica y el cambio de teja, con el cambio de los elementos metálicos que se requieran.

Ante esto, el ingeniero Felipe, por parte del contratista de obra, hace una observación respecto a la cantidad de estructura metálica incluida dentro del proyecto, la cual es bastante y es posible que no se requiera dentro del proyecto. El ingeniero consulta que, en caso de no requerirse toda la cantidad, en que se va a ejecutar el recurso restante.

La profesional Katherine menciona que en las sedes tanto en Carmen de Bolívar como en Magangué se deben ejecutar otras actividades no contempladas dentro del presupuesto del proyecto, actividades que tuvieron que ser eliminadas del presupuesto inicial debido al recorte presupuestal que realizó el gobierno nacional.

El Arquitecto Keiber añade que lo importante es ejecutar las actividades que se requieren en cada sede, motivo por el cual, si de la estructura metálica no se ejecuta toda la cantidad, mediante no previstos se podrá ejecutar el recurso adicional.

Luego, se continua la socialización de la sede Carmen de Bolívar por parte del ingeniero electricista Leonardo, el cual menciona de forma global las actividades a ejecutarse del componente eléctrico y hace énfasis en la instalación de un medidor interno.

El Arquitecto Juan Jaimes, representante legal de la interventoría, consulta si la entidad ya adelanto el tramite con la empresa de servicios públicos de la zona, debido al corto tiempo que se tienen para la ejecución del proyecto y los tiempos que pueden tomar estos permisos.

El Ingeniero Leonardo aclara que actualmente la sede solo cuenta con un medidor, desconociendo el consumo real del ICA, motivo por el cual se requiere instalar medidor mediante el cual la entidad conozca su consumo. Sin embargo, resalta que este medidor es solo para conocimiento interno de la entidad, no se independizaran los servicios, motivo por el cual no se requiere realizar el trámite con la empresa de servicios públicos.

Antes de la socialización del proyecto en Magangué, se habla sobre la programación de la visita a las sedes para coordinar con todas las partes.

Días previos a la reunión, la ingeniera Katherine consulta con la interventoría y el contratista de obra sobre la posibilidad de realizar la comisión los días 10 y 11 de octubre, quienes expresan que prefieren realizar la comisión días posteriores con el fin de que asistan los profesionales que estarán durante la ejecución de la obra. Motivo por el cual, se menciona que se programará la comisión para los días 17 y 18 de octubre, y todas las partes están de acuerdo.

El arquitecto Keiber menciona que la ingeniera Katherine no podrá asistir a la visita inicial debido a que se le cruzan con otras actividades, informando que la comisión la realizarán el ingeniero Leonardo y el arquitecto Andrés Otero.

En este momento, se le informa al arquitecto Andrés sobre la visita que se debe realizar y se le indica que posterior a la reunión se le explicará de forma detallada todas las actividades que se deben ejecutar en cada una de las sedes.

Luego, se menciona sobre las posibles modificaciones que se deben realizar a los contratos tanto de obra y de

interventoría.

El arquitecto Keiber menciona que es posible que se requiera la modificación al plazo y la forma de pago, con el fin de darle un mayor flujo de caja, no amarrar ningún porcentaje a la liquidación del contrato y poder ejecutar el recurso en esta vigencia, con el fin de no incurrir en una reserva presupuestal. Situación con la que estuvieron de acuerdo ambos contratistas.

Luego se continua con la socialización de la segunda sede, la ingeniera Katherine menciona que se va a intervenir la cubierta, el tema eléctrico, el cerramiento, baños, cocinas y mantenimiento general (pintura).

El ingeniero Felipe consulta si la sede es compartida a lo que la entidad responde que no, que la sede solo esta a cargo del Ica.

La ingeniera Katherine informa que se les van a compartir los planos de las sedes y del diseño eléctrico, y menciona que el diseñador fue el Ingeniero Leonardo el cual esta presto a colaborar en caso de surgir dudas o inquietudes.

El arquitecto Kieber procede a preguntar si tienen alguna inquietud con el alcance del proyecto o con las actividades que están contempladas dentro del proyecto.

El ingeniero Felipe menciona que es importante revisar el tema de la estructura de metálica y las especificaciones técnicas porque no está claro que incluye el item.

El arquitecto Keiber consulta a la ingeniera Katherine si el contrato tiene ofrecimiento adicional, plan de calidad, y ensayos. A lo anterior, la ingeniera responde que si incluye el suministro e instalación de dos aires acondicionados, el plan de calidad lo debe presentar el contratista de obra, y en el presupuesto de interventoría se dejo una cantidad pequeña para ensayos, pero por el alcance del proyecto es posible que no se requiera.

El arquitecto Juan Jaimes consulta cómo será el modo de entrega de los espacios a intervenir, si se van a desocupar todas las áreas o el contratista deberá trabar por tramos.

La ingeniera Katherine menciona que en Magangué si se debe realizar por zonas, debido a que se debe ir trasladando al personal de la sede.

Se muestra en el plano, los bloques o tramos en los cuales se pueden ir realizando la intervención.

Aquí el ingeniero Leonardo menciona que el laboratorio no se va a intervenir, a lo que se aclara que la cubierta si se debe intervenir.

El arquitecto Keiber indica que se debe avisar en la sede la intervención para coordinar con el laboratorio las fechas en las cuales se va a realizar dicha intervención.

Continua la ingeniera Katherine mencionado que en la sede de Carmen de Bolívar si se puede realizar la intervención del bloque completo, y se reitera que en la sede e Magangué se trabajaría por bloques completos para facilitar la ejecución.

Se informa, además, que los encargados de la sede y el gerente ya están enterados del tema y están a la espera del inicio de la obra.

El arquitecto Juan Jaimes solicita apoyo a la entidad para la socialización del proyecto con los encargados de la sede, el gerente de la seccional para que se realice el desocupe de todos los espacios. Resalta la importancia de dejar las áreas libres porque es muy complejo que el contratista ejecute las actividades con los puestos de trabajo.

El ingeniero Felipe menciona que preferiblemente los movimientos de los equipos de trabajo los realice los encargados de la sede, porque se corre el riesgo con los equipos electrónicos que se dañen, y con el tema de garantías se tendrían algunas implicaciones.

El arquitecto Keiber indica que se debe coordinar con el gerente y el profesional en sistemas de la seccional para realizar el traslado de los equipos de cómputo.

La ingeniera Katherine menciona que los equipos de cómputo no se incluyeron dentro del presupuesto. Además, se indica que el gerente tiene claridad sobre las obras y que ellos serán los encargados del traslado.

Se informa, además, que todos los cambios o modificaciones en las actividades de obra se realizan desde la supervisión de las oficinas nacionales.

El arquitecto Keiber menciona que nosotros somos quienes conocemos el alcance del contrato, indicando que en ocasiones los encargados o gerentes seccionales les solicitan algunas actividades a los contratistas que afectan el objeto del contrato y el presupuesto oficial, por lo cual se advierte al contratista que todas las modificaciones deben ir aprobadas por la interventoría y luego por la entidad (supervisión).

La ingeniera Katherine informa sobre el correo que envió al contratista de obra solicitando adelantar todos los trámites administrativos requeridos previa firma de acta de inicio. Además, se indica a la interventoría que se enviará un correo posterior a la firma del contrato, solicitando las hojas de vida de los profesionales.

El arquitecto Juan Jaimes solicita el contacto del contratista de obra para que tengan canal de comunicación e indica que empezará a revisar los documentos una vez sean enviados por el contratista.

Adicionalmente, el arquitecto menciona que las demás dudas se pueden resolver en la visita a las sedes y que es importante la asistencia del ingeniero eléctrico debido a que ve que el alcance de los dos frentes tiene un gran componente eléctrico.

La recomendación del arquitecto Keiber al contratista de la obra es adelantar todos los temas logísticos de la obra, ubicar la fuente de los materiales, que no se esperen hasta firmar acta de inicio porque se presentarían retrasos en la obra.

El ingeniero Felipe indica que entregará las hojas de vida y los APU antes de la visita, y una vez se realice la comisión realizará entrega de los demás documentos.

COMPROMISOS		
Acción	**Responsable**	**Fecha**
Visita a las sedes	Todas las partes	17 y 18 de octubre

Entrega de hojas de vida y APU	Contratista de obra	Antes del 17 de octubre
Solicitud documentos a la interventoría	Entidad	

SEGUIMIENTO A LOS COMPROMISOS

Acción	Se cumplió		Fecha de cumplimiento
	SI	NO	
Visita a las sedes	X		17 y 18 de octubre
Entrega de hojas de vida y APU		X	
Solicitud documentos a la interventoría	X		15 de octubre

CAUSAS Y ACCIONES FRENTE A INCUMPLIMIENTOS

ACCIONES
Los Apu no se entregaron debido a que se requería de la visita a las sedes para definir las actividades de cada sede.

APROBACIÓN DE LOS DECISIONES TOMADAS POR PARTE DE LOS ASISTENTES:

Nombre	Firma
Javier Felipe Castillo	
Juan Carlos Jaimes Acero	
Keiber Landázuri Colorado	
Katherine Patiño Gaviria	
Leonardo Salgado González	
Andrés Albeiro Otero Fajardo	

Instituto Colombiano Agropecuario

ACTA DE REVISIÓN – No. 2 DE PROYECTO BOLÍVAR

Motivo Reunión	**Quien cita**	
1. Informe sobre avance de los trámites administrativos exigidos previos firma de acta de inicio.	Grupo de Infraestructura Física y Mantenimiento	
Objetivo	**Fecha:**	21 de octubre de 2024
Conocer el avance de la entrega de la documentación por parte del contratista de obra.	**Lugar:**	Virtual
	Hora:	3:00 p.m.
	Notas por:	
	Próxima Reunión:	

PARTICIPANTES

Nombre	Cargo
Javier Felipe Castillo	Profesional GRU S.A.S / Contratista de Obra
Juan Carlos Jaimes Acero	Representante Legal Equilátero Arquitectura e Ingeniería S.A.S / Contratista de interventoría
Katherine Patiño Gaviria	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento
Leonardo Salgado González	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento
Andrés Albeiro Otero Fajardo	Profesional Universitario

AGENDA – DESARROLLO

Se inicia la reunión por parte de la entidad, indicando que el objetivo es conocer el avance de la documentación requerida previa firma de acta de inicio.

El arquitecto Juan Jaimes menciona que están trabajando en la subsanación de los documentos requeridos de la Directora y la profesional SST, indicando que es complicado recopilar la certificación de los contratos de interventoría.

Adicionalmente, solicita evaluar la hoja de vida del ingeniero electromecánico, teniendo en cuenta que cuenta con una amplia experiencia laboral en la instalación de redes eléctricas, y enfatizando que dicha profesión si esta autorizada para llevar a cabo las actividades necesarias dentro del proyecto.

El ingeniero Leonardo, solicita enviar la hoja de vida completa del ingeniero con toda su experiencia y formación académica, con el fin de verificar el pesum académico donde estudio el profesional, la idoneidad y experiencia en los trabajos de redes eléctricas.

La ingeniera Katherine informa, además, que se validará el pliego de condiciones para verificar que si se permita otro perfil diferente al eléctrico o electricista.

Luego se le da la palabra al ingeniero Felipe, quien nos comenta lo siguiente:

1. Documentos para el inicio de obra: no se pueden entregar todos hasta darle inicio al contrato.

2. Espacios o áreas a intervenir: de qué manera se van a entregar los espacios, y la disposición de los mismos. Con el fin de lograr determinar el cuadro de cuadrillas y el cronograma de obra. Menciona que sin esa información concisa, no se puede determinar el cronograma de trabajo, toda vez que podrá variar de acuerdo a la entrega de los espacios.
3. Balance inicial: considero que se entregaría una vez iniciada la obra, después de realizar el replanteo de las actividades.
4. Estructura metálica: revisando la generalidad de la estructura metálica aparentemente se encuentra en condiciones óptimas para reutilizarlas, sin embargo, se espera a la visita del ingeniero estructural para determinar si requiere un reforzamiento y no en cambio completo. Sin embargo, se quiere poner a consideración de la entidad, porque siendo así se debe invertir el recurso en otras actividades que al parecer se requiere en las sedes, especialmente en Carmen de bolívar, donde no hay mantenimiento de fachadas.
5. Tipo de teja: se solicita el cambio de teja debido a que el empalme entre una y otra teja no sería el mas adecuado en cuanto el tema de escorrentía y la parte visual, teniendo en cuenta que la sede es compartida con Agrosavia.
6. Inquietudes sobre el modificatorio del contrato, el cual tiene implicaciones jurídicas que nos preocupan, indicando que no se pueden comprometer a ejecutar el contrato en dos meses, debido al tema constructivo y la época del año.
7. En cuanto a los requerimientos administrativos se esta trabajando en el informe diagnóstico, se tiene los análisis de precios unitarios, se analizó el tema eléctrico del cual no se tiene dudas, los documentos de los profesionales y se tiene dificultad del tema estructural, el cual se está resolviendo para entregar toda esta documentación en el transcurso de la semana. Quedaría pendiente el cuadro de cuadrillas, cronograma, plan ambiental y SST que depende de la ejecución de la obra y determinación de los espacios.
8. En la parte eléctrica no se tiene ningún problema, hay un tema de mayores y menores cantidades mínimo.
9. De la parte civil se tienen varias inquietudes que se van a evidenciar en otro si y en unos no previsto, que la entidad no quiere hacerlos.

La ingeniera Katherine procede a darle respuesta a cada uno de las inquietudes generadas por el contratista de obra, previamente resalta la importancia de proceder con la entrega de los documentos iniciales para darle inicio a los contratos.

Se debe avanzar en los documentos para darle inicio al contrato, se conoce que la obra no se ejecuta en 2 meses, pero ello no significa que pueda postergar el inicio para noviembre o diciembre.

1. Espacios o áreas a intervenir: se reitera la información dada en la primera reunión, en Carmen de Bolívar se va a desocupar todo el bloque del ICA, y en Magangué se va a trabajar por tramos divididos en bloques completos. Se indica que dentro del contrato de obra se incluyó el traslado de archivos y escritorios, lo único que no deben trasladar es los equipos tecnológicos, por tanto, el cronograma debe incluir todas las actividades preliminares.

El ingeniero Felipe menciona que el tema se entendió, en Carmen de Bolívar no hay problema, pero que en la visita se indicó que se debe hablar con la encargada del laboratorio para verificar cuando van a realizar el traslado de los equipos internos de dicha área. Además, menciona que el cronograma de obra esta supeditado a si se cambia o no la estructura, consultando si pasa el cronograma con las actividades iniciales y una vez se defina lo de la estructura, se hará su modificación.

La ingeniera Katherine indica que la idea de los documentos iniciales, diagnóstico, balance y cronograma se

deben trabajar con la información levantada en la visita del diagnóstico. El informe de diagnóstico inicial, como ya se había acordado iba a quedar con la misma cantidad de estructura metálica y de teja, y cuando se de inicio a la obra, se retire el cielo raso y se contrate al estructural, se realizará las modificaciones pertinentes.

Se indica que la entidad no esta en contra de las obras no prevista, porque pueden surgir, pero estas se deben presentar una vez se de inicio a la obra y se tenga claridad completa de lo que se requiere en la estructura.

El arquitecto Andrés Otero realizó consulta en la visita y encontró que el laboratorio no pertenece al Ica, pues se encuentra en comodato con Fedearroz, indicando que se debe verificar el estado del comodato y si se puede o no intervenir.

La ingeniera Katherine continua con su intervención:

1. Respecto a los espacios, iniciar en Magangué por los bloques administrativos, y dejar por último la intervención del área de laboratorios, mientras la entidad realiza las respectivas consultas sobre el posible contrato de comodato. Se da indicaciones de realizar el cronograma con todo el espacio libre en Carmen de Bolívar y la intervención por tramo en Magangué iniciando en el área administrativa.
2. Balance inicial: sería lo mismo con las actividades iniciales contempladas, se reitera que durante la ejecución el balance si irá actualizando.

El ingeniero Felipe indica que se presentará el balance original y que una vez se realicen las actividades preliminares, se avanzará en la modificación del balance.

La ingeniera Katherine continua con su intervención, reiterando que la entidad no puede exigir que se tengan trabajadores sin firmar el acta de inicio, por eso se tiene urgencia en iniciar el contrato.

1. Estructura metálica: la definición de la cantidad de estructura metálica solo la podemos conocer iniciado el contrato, reiterando no te puedo exigir que contrates al estructural o la mano de obra para el retiro del cielo raso sin ni siquiera firmar el acta de inicio, entonces una vez se tenga todo listo, se realicen las preliminares y se evalúe la estructura, se podrá realizar un balance más acertado y así determinar que obras no previstas se deben incluir dentro del proyecto.

2. Tipo de teja: nos deben compartir el tipo de teja que ustedes proponen para realizar la evaluación en la entidad y verificar si se aprueba el cambio. Se consulta al contratista si ya se tiene alguna propuesta en mente para el cambio de teja.

El ingeniero Felipe menciona que aún no se a verificado el tema, que fue algo que se mencionó en la visita.
Además, solicita plazo hasta el viernes para entregar toda la documentación que falta para darle inicio al contrato.

El arquitecto Juan Jaimes solicita que a medida que se tengan los documentos, los vayan compartiendo con el fin de ellos avanzar en la revisión.

La ingeniera Katherine propone hacer otra reunión con los abogados de las partes para analizar el tema del posible modificatorio.

Adicionalmente, reitera la urgencia de empezar con la ejecución el contrato de obra, resaltando que el tema

del modificatorio se puede validar una vez se inicie el contrato, por el momento es fundamental entregar todos los documentos requeridos.

El ingeniero Felipe consulta si la interventoría puede entregar todos los documentos en el transcurso de la semana, con el fin de poder darle inicio al contrato el día 28 de octubre.

EL arquitecto Juan Jaime indica que a más tardar el día 22 de octubre enviará todos los documentos para que esta semana queden subsanadas las hojas de vida.

La ingeniera Katherine solicita al contratista de obra agilizar todos los documentos debido a que estos deben estar revisados y aprobados por la interventoría previa firma del acta de inicio.

El ingeniero Leonardo solicita a la interventoría la justificación sobre la hoja de vida del ingeniero electromecánico, donde se indique que el profesional puede realizar las actividades de un ingeniero eléctrico.

Se finaliza la reunión con el compromiso de entregar toda la documentación aprobada el lunes 28 de octubre y ese mismo día firmar el acta de inicio.

COMPROMISOS		
Acción	**Responsable**	**Fecha**
Documentos de inicio de obra	Contratista de obra	25 de octubre
Hojas de vida de los profesionales de interventoría	Contratista de interventoría	22 de octubre
Consulta sobre comodato en el laboratorio de Magangué	Entidad	28 de octubre
Firma de Acta de inicio	Todas las partes	28 de octubre

SEGUIMIENTO A LOS COMPROMISOS

Acción	**Se cumplió**		**Fecha de cumplimiento**
	SI	**NO**	
Documentos de inicio de obra: -Hojas de vida -Informe diagnóstico -Cronograma - Plan SST -APU -Balance		X	Cumple parcialmente Entrega hojas de vida e informe diagnóstico 29 de octubre
Hojas de vida de los profesionales de interventoría	X		22 de octubre
Consulta sobre comodato en el laboratorio de Magangué	X		29 de octubre
Firma de Acta de inicio		X	

CAUSAS Y ACCIONES FRENTE A INCUMPLIMIENTOS

ACCIONES
-La interventoría envía solicitud al contratista de obra, exigiendo la entrega de la documentación. -La entidad cita reunión para el día 30 de octubre de 2024.

APROBACIÓN DE LOS DECISIONES TOMADAS POR PARTE DE LOS ASISTENTES:

Nombre	Firma
Javier Felipe Castillo	
Juan Carlos Jaimes Acero	
Katherine Patiño Gaviria	
Leonardo Salgado González	
Andrés Albeiro Otero Fajardo	

ACTA DE REVISIÓN – No. 3 DE PROYECTO BOLÍVAR

Motivo Reunión	**Quien cita**	
1. Evaluar el plazo de ejecución del contrato 2. Informar sobre la modificación de la forma de pago 3. Solicitar al contratista la entrega de la documentación para el inicio de obra	Grupo de Infraestructura Física y Mantenimiento	
Objetivo	**Fecha:**	30 de octubre de 2024
Exigir al contratista el inicio de obra y conocer los tiempos que se requieren de acuerdo con la visita realizada	**Lugar:**	Presencial
	Hora:	8:30 p.m.
	Notas por:	
	Próxima Reunión:	

PARTICIPANTES

Nombre	Cargo
Javier Felipe Castillo	Profesional GRU S.A.S / Contratista de Obra
Gildardo Castillo Sánchez	Representante Legal GRU S.A.S / Contratista de Obra
Oliver Ortega	Abogado / Contratista de Obra
Juan Carlos Jaimes Acero	Representante Legal Equilátero Arquitectura e Ingeniería S.A.S / Contratista de interventoría
Keiber Alexander Landázuri Colorado	Supervisor / Coordinador del Grupo de Infraestructura Física y Mantenimiento
Katherine Patiño Gaviria	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento
Leonardo Salgado González	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento
Luis Eduardo Páez Pacheco	Abogado / Contratista del Grupo de Infraestructura Física y Mantenimiento
Jose Alexander Bohórquez Rodríguez	Asesor de Subgerencia Administrativa y Financiera
Luis Alberto Alfonso Álvarez	Profesional de Subgerencia Administrativa y Financiera

AGENDA – DESARROLLO

Se inicia la reunión con la presentación de todos los asistentes.

El arquitecto Keiber comienza la reunión solicitando al contratista indicar las dudas que se tienen respecto al plazo y forma de pago, aclarando que ese tema ya se había tratado en la primera reunión.

El ingeniero Felipe toma la palabra, expresando que se encuentran preocupados por el plazo del contrato, el cual quedo hasta el 31 de diciembre, y según se evidencio en la visita a las sedes, el plazo para ejecutar la obra no es suficiente, considerando la época en la que nos encontramos.

El arquitecto Keiber consulta al contratista si posible de aquí a diciembre ejecutar todas las actividades, teniendo en cuenta que el contrato implica actividades de mantenimiento.

El ingeniero Felipe expresa que, una vez realizada la visita a las sedes, se evidencia que para finalizar las actividades al 100%, ellos requieren de 3 meses, teniendo en cuenta la dinámica de diciembre.

Respecto a la estructura, pudimos verificar puntos específicos donde se evidencia que está bien. Sin embargo, vamos a esperar a nuestro especialista que nos dé el concepto técnico.

El tema que nos preocupa es el tiempo de diciembre, en especial Magangué donde se debe ejecutar el cerramiento, el cual es un poco dispendioso de hacer.

¿El abogado Alexander consulta cómo está la forma de pago del contrato?

El arquitecto Keiber menciona que se pretende realizar un modificatorio para aumentar el flujo de caja y evitar la constitución de reservas presupuestales.

EL abogado Alexander resalta que, debido a las vicisitudes del proceso, se nos corrieron los plazos, y se entiende que el plazo inicial era de 4 meses. Resalta que es un tema que se va evaluando a medida que avance la ejecución del contrato, y según los contratiempos que se tengan, pero que a la fecha no se puede generar una prórroga si no se ha dado inicio aún.

El arquitecto Keiber resalta la importancia de la modificación en la forma de pago, y la premura que se tiene para darle inicio al contrato, con el fin de lograr que la menor cantidad de recurso posible quede como reserva.

El ingeniero Felipe expresa que les preocupa el hecho de no poder terminar las obras a tiempo y que la entidad proceda a realizar un proceso de incumplimiento.

El abogado Alexander da un parte de tranquilidad al contratista, indicándole que mientras se evidencia ejecución de obra, avance en las actividades eso no va a pasar. Reitera que lo importante es darle inicio al contrato y demostrar que, si se está ejecutando, en caso de requerirse una prórroga, esta se realizará con la debida justificación.

El representante Gildardo, consulta que, si existe alguna posibilidad en la modificación del pago, de incluir algún anticipo.

El abogado Oliver le explica que para la entidad jurídicamente es imposible acceder a esa solicitud.

El abogado Luis realiza una invitación a darle inicio a la obra y poder avanzar.

El abogado alexander indica que, al ser dos frentes de obra, pueden avanzar simultáneamente en cada frente e ir cobrando lo que se vaya ejecutando.

El arquitecto Keiber informa al contratista que el recurso que pase como reserva, debe ser solicitado al ministerio de Hacienda, por lo cual el recurso se habilita después de febrero.

El ingeniero Felipe menciona que como contratistas tienen la meta de ejecutar lo máximo posible en la presente vigencia.

El abogado Luis indica que es importante que el apoyo de la supervisión explique cuales son los pendientes para el tema del inicio de obra, porque queremos arrancar ya.

El arquitecto Keiber menciona que vio la cronología del contrato y se evidencia que desde que se realizó la firma ya ha pasado un mes.

La ingeniera Katherine explica que inicialmente se perdió algunos días debido a que la interventoría se firmó el 09 de octubre, posteriormente se realizaron los trámites de aprobación de pólizas, y visitas a las sedes.
Resalta que el tiempo que le preocupa a la entidad es el que se ha perdido después de la visita, teniendo en cuenta que ya va para dos semanas y aún no se ha recibido la documentación.

El ingeniero Felipe indica que la semana pasada le compartió una información a la interventoría, esta semana he compartido las hojas de vida y el informe diagnóstico, y aún me falta el cronograma que lo envío el día de hoy, y el plan SST que espero compartirlo el día de mañana.

El abogado Alexander consulta si ya se tiene todo listo de la interventoría.

La ingeniera Katherine resalta que, la interventoría ya cumplió con todos los requisitos, que la idea era darle inicio al contrato, pero se está a la espera del contrato de obra.

El ingeniero Felipe menciona que la intención de ellos es iniciar lo más pronto posible, por lo que propone iniciar el viernes 01 de noviembre, para ir desmontando el cielo raso y que el estructural la otra semana pueda realizar su inspección.

El representante Gildardo, consulta si el contratista debe pasar alguna solicitud para el tema del modificatorio?

El arquitecto Keiber responde que si es necesario que envíen una solicitud a la interventoría, quienes aprobarán y enviaran la solicitud a la entidad.

El abogado Luis pregunta que si la interventoría está conectada y puede ser garante de lo que pasa en la reunión.

El arquitecto juan indica que ellos están prestos para iniciar, que ya cuenta con los profesionales aprobados por la entidad. Respecto al contratista de obra falta que nos presenten el cronograma y el plan SST.
Nosotros estamos dispuestos a iniciar el 01 de noviembre, y entendemos que el personal no va a ingresar personal hasta el próximo martes.

El arquitecto Keiber indica que si se puede iniciar las actividades preliminares.

El arquitecto Juan responde que por la interventoría no hay problema, cuyo personal estará desde el 01 de noviembre en el sitio para dar inicio.

El arquitecto Keiber pregunta que se pudo averiguar respecto al comodato que se tiene en la sede Magangué.

La ingeniera Katherine indica que se revisó el expediente que tiene la entidad y aparece el comodato vencido. Se informa que dentro del comodato se estipulaba que el comodatario es el responsable de realizar el mantenimiento y cualquier tipo de adecuación. Se indica que se elevó la consulta al gerente sobre el estado actual del comodato.

EL arquitecto Keiber menciona que se puede ir trabajando en las demás áreas mientras se define el tema del comodato.

El abogado Luis sugiere que el apoyo a la supervisión debería ir diligenciando el formato de modificación del contrato para ir avanzando en el tema.

La ingeniera Katherine informa que se adelantará el tema.

COMPROMISOS		
Acción	**Responsable**	**Fecha**
Documentos de inicio de obra	Contratista de obra	31 de octubre
Revisión, aprobación y entrega de documentos de obra	Interventoría	01 de noviembre
Elaboración actas de inicio	Entidad	01 de noviembre
Formato modificatorio forma de pago	Entidad	01 de noviembre
Firma de Acta de inicio	Todas las partes	01 de octubre

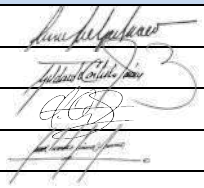
SEGUIMIENTO A LOS COMPROMISOS

Acción	**Se cumplió**		**Fecha de cumplimiento**
	SI	**NO**	
Documentos de inicio de obra	X		31 de octubre
Revisión, aprobación y entrega de documentos de obra	X		01 de noviembre
Elaboración actas de inicio	X		01 de noviembre
Formato modificatorio forma de pago	X		01 de noviembre
Firma de Acta de inicio	X		01 de noviembre

CAUSAS Y ACCIONES FRENTE A INCUMPLIMIENTOS

ACCIONES

APROBACIÓN DE LOS DECISIONES TOMADAS POR PARTE DE LOS ASISTENTES:

Nombre	Firma
Javier Felipe Castillo	
Gildardo Castillo Sánchez	
Oliver Ortega	
Juan Carlos Jaimes Acero	
Keiber Alexander Landázuri Colorado	
Katherine Patiño Gaviria	
Leonardo Salgado González	
Luis Eduardo Páez Pacheco	
Jose Alexander Bohórquez Rodríguez	
Luis Alberto Alfonso Álvarez	

ACTA DE REVISIÓN No. 4 CONTRATO No. GGC-089-2024 PROYECTO BOLÍVAR

Motivo Reunión	**Quien cita**	
1. Informar el avance de ejecución de la obra de la semana anterior 2. Informar sobre los inconvenientes y novedades presentados durante la semana	Grupo de Infraestructura Física y Mantenimiento	
Objetivo	**Fecha:**	12 de noviembre de 2024
Conocer los avances de obra en cada sede, y el concepto del especialista estructural del contratista de obra con respecto a las estructuras de cubierta de las sedes y cerramiento	**Lugar:**	Virtual
	Hora:	2:00p.m.
	Notas por:	
	PróximaReunión:	19 de noviembre de 2024

PARTICIPANTES

Nombre	Cargo
Karen Andrea Arias Guerra	Residente de obra Magangué / Contratista de Obra
Maira Andrea Romani Simaca	Residente de obra Carmen de Bolívar / Contratista de Obra
Clímaco Andres Hernández Montes	Especialista estructural / Contratista de Obra
Javier Felipe Castillo Gutierrez	Director de Obra / Contratista de Obra
Alejandro José Frasser Núñez	Residente de Interventoría Magangué / Contratista de interventoría
Rafael Domingo Santos Villadiego	Residente de Interventoría Carmen de Bolívar / Contratista de Interventoría
Ruby Stefanny Cáceres Quintero	Inspector SISOMA / Contratista de interventoría
Luis Carlos Calderón	Especialista estructural / Contratista de interventoría
Liliana Quiroga Sepúlveda	Directora de Interventoría / Contratista de interventoría
Leonardo Salgado González	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento

AGENDA – DESARROLLO

Instituto Colombiano Agropecuario

Se da inicio a la reunión con la presentación de todos los asistentes.

La ingeniera Katherine Patiño, apoyo a la supervisión, indica que el orden del día consistirá en la exposición de los avances de obra de cada uno de los frentes de trabajo, seguido de la socialización de inconvenientes y novedades presentados durante la semana.

Toma la palabra la arquitecta Karen Arias, residente de obra de la sede Magangué, quien informa los avances realizados en esta locación, dentro de los cuales se encuentra el desmonte de cerramiento en alambre de púa y lona verde, desmonte de ventanas, trazado y excavación para muro de cerramiento, desmonte de aparatos e instalaciones sanitarias, además del desmonte de puertas y una porción del cielo raso.

Por su parte, la arquitecta Maira Romani, residente de obra de la sede Carmen de Bolívar, indica que se realizaron actividades de desmonte del cielo raso en madera, se realizó el cerramiento y acopio temporal de los materiales de residuo.

La arquitecta Liliana Quiroga, directora de interventoría, comenta que la información expuesta por las residentes de obra es consecuente con lo evidenciado en obra y los reportes recibidos por parte de la dirección de obra. Así mismo, indica que es necesario dar claridad a varios temas tanto administrativos como técnicos. Se inicia por reportar los porcentajes de avance de la sede Carmen de Bolívar, con una ejecución del 1.73%, contra una programación del 2.13%, sin embargo se han adelantado varios temas de logística que no aportan al porcentaje de avance de obra, pero que son fundamentales para dar continuidad a las actividades en obra; como lo es la visita del especialista estructural del contratista de obra en las dos sedes del proyecto. Se indica que, para el frente de trabajo de Magangué, se tiene una duda con respecto al cerramiento, dado que la descripción de los materiales de este ítem no corresponde con lo que se evidenció en el sitio de la obra.

Así mismo, el ingeniero Javier Castillo, director de obra, comenta que, por su parte como contratistas de obra, cuentan con diversas dudas en cuanto al proceder en la programación de obra, dado que no se tiene claridad con respecto a la estructura metálica de cubierta. De acuerdo con la programación de obra, se tiene previsto el desmonte de las tejas de las cubiertas de ambas sedes; sin embargo, esta actividad no se puede realizar hasta no contar con el concepto del especialista estructural con la aprobación de la supervisión y la interventoría. Así mismo, advierte que se deberá hacer una reprogramación para modificar la ruta crítica y adelantar actividades que no dependan de la intervención de las cubiertas, ya que, de no ser así, se presentará un atraso de obra considerable debido al peso que tienen las actividades de cubierta dentro del presupuesto. Por otra parte, con respecto al cerramiento de Magangué, se solicita autorización para su intervención según las recomendaciones del especialista estructural de Obra, dado que no se cuenta con los diseños de este elemento; esto con el fin de presentar avances en actividades diferentes a la intervención de cubierta.

Con respecto al seguimiento del cronograma, aclara que una vez se tenga el concepto estructural, se generarán modificaciones en el balance de obra y en la programación, por lo tanto, es muy importante dar claridad al tipo de intervención que requieren las cubiertas para que esa sea la base de la nueva programación.

Toma la palabra el ingeniero Clímaco Hernández, especialista estructural del contratista de obra, presentando registro fotográfico de las condiciones iniciales de las estructuras en cada una de las sedes. El día sábado 09 de noviembre se visitó la sede de Magangué, encontrando que la cubierta se encuentra soportada por unas cerchas metálicas dispuestas longitudinalmente, separadas cada 1 metro y apoyadas en los sobre unas vigas cintas de concreto y mampostería. Preliminarmente, el ingeniero considera que la estructura existente es lo suficientemente robusta para soportar las cargas de viento y el peso de las nuevas tejas que se instalarán, sin embargo, realizará el respectivo modelamiento de la estructura y hallará la relación demanda/capacidad. Dadas las condiciones, advierte que es posible que en algunas zonas se deban reemplazar los elementos de apoyo para garantizar el anclaje de la estructura de la cubierta. Por otra parte, el cerramiento para esta sede consiste en un antepecho de concreto con tuberías metálicas, y se plantea una propuesta preliminar asumiendo una capacidad portante del suelo de 5 Ton/m2, teniendo en cuenta que no se tiene información de un estudio de suelos reciente.

Para la sede en Carmen de Bolívar, el ingeniero indica que se encontró una estructura de cubierta muy robusta que resistirá completamente las nuevas solicitaciones, ya que se encuentra conformada por cerchas dispuestas longitudinalmente y separadas aproximadamente cada 1.6 metros, y se apoyan en los extremos sobre cerchas conformadas por perfiles angulares de 1" x 4mm de espesor, que transmiten las cargas a las columnas. Para ambas sedes se remitirá un informe detallado con la evaluación de las estructuras y las recomendaciones finales, el cual será entregado con fecha límite al día lunes 18 de noviembre para su revisión y aprobación por parte de la interventoría.

La ingeniera Katherine Patiño solicita a la interventoría agilizar el proceso de revisión por parte de la interventoría una vez le sea remitido el informe estructural. Adicionalmente, comenta que, según lo visto, para las actividades de cubierta sobrarán cantidades considerables, por lo tanto, se deberá establecer cuáles otras actividades se van a realizar en ambas sedes.

El ingeniero Javier Castillo propone realizar una mesa de trabajo el día viernes 15 de noviembre con el fin de agilizar el aval del análisis y propuesta final para el tema estructural por parte de la interventoría y evitar las revisiones y correcciones redundantes.

La ingeniera Katherine Patiño consulta al especialista estructural de obra si es posible tener lista para la semana en curso, la propuesta para el cerramiento de la sede Magangué, para avanzar en las labores de obra, teniendo en cuenta que las actividades en cubierta dependen del análisis detallado que se entregará a la interventoría la siguiente semana.

El ingeniero Clímaco Hernández, indica que es viable adelantar las revisiones para la viga del cerramiento y realiza un diseño preliminar para el cerramiento, el cual consiste en zapatas aisladas de 1x1x0.3m a 1m de profundidad, con columnas de sección transversal de 0.30x0.30m y unidas por una viga de concreto reforzado de la misma sección transversal, y el muro de antepecho se realizará en mampostería, sin embargo este planteamiento se hace sin tener un diseño de suelos.

El ingeniero Hugo Vargas, geotecnista del grupo de infraestructura del ICA, comenta que para la propuesta del cerramiento se debe tener en cuenta que el perfil geológico de la zona se encuentra compuesto principalmente por depósitos sedimentarios paludales, y la preocupación se origina, por la posibilidad de que se presente el fenómeno de licuación por la presencia de arenas marinas y limos en caso de contar con un nivel freático alto. Por este motivo, se consulta con el personal en obra si se ha evidenciado presencia de nivel freático alto luego de las excavaciones realizadas en la zona. Pese a dicha

advertencia, el ingeniero Hugo indica que este tipo de suelos en estado seco presentan una capacidad portante incluso superior a las 5 Ton/m2 que se proponen, por lo tanto, no se tendría ningún inconveniente adicional al fenómeno de licuación que produciría asentamientos en los elementos, lo cual se puede prevenir con la instalación de filtros con material granular o drenes verticales con geotextil.

El ingeniero Alejandro Frasser, indica que se realizaron excavaciones con profundidad de 0.7m sin evidencia de nivel freático.

El ingeniero Clímaco Hernández comenta que se contemplará la instalación del filtro sugerido por el ingeniero Hugo Vargas y se incluirá dentro del detalle de la cimentación del cerramiento.

La ingeniera Katherine Patiño solicita al contratista de obra y a la interventoría realizar un apique de 1x1x1m y hacerle seguimiento durante 5 días para evaluar el comportamiento del nivel freático y poder definir si se requiere o no el filtro y/o los drenajes.

Por otra parte, el ingeniero Javier Castillo manifiesta una inquietud que tiene el equipo de trabajo de Carmen de Bolívar con respecto al desmonte y reinstalación de la fibra óptica, ya que esta actividad no se encuentra contemplada dentro del presupuesto, pero es necesaria para la intervención de la cubierta.

La ingeniera Katherine Patiño consulta si es estrictamente necesario el desmonte de esta red, además de los aires acondicionados, y en caso de requerirse, se deberá crear un ítem no previsto, aprovechando los recursos sobrantes de la estructura metálica de la cubierta.

El ingeniero Javier Castillo comenta que no sería necesario crear un nuevo ítem no previsto, ya que esta actividad sí está contemplada para la sede de Magangué, por lo que únicamente se deberá agregar al presupuesto de Carmen de Bolívar.

La ingeniera Katherine Patiño indica que, debido a que son dos rubros presupuestales diferentes, no es posible utilizar los ítems contractuales de una sede en otra sede. Internamente en el ICA, los recursos se disponen para sedes específicas y deben ser tratados como obras independientes, a pesar de ser parte de un único contrato.

El ingeniero Javier Castillo aclara que no se trata de combinar los rubros presupuestales, ya que los recursos destinados para cada sede se emplearán en las sedes especificadas; lo que se intenta hacer es utilizar uno de los ítems que ya existe contractualmente para una sede, y adoptarlo en la otra.

La ingeniera Katherine Patiño comenta que, al haber dispuesto el presupuesto como parte de las cláusulas del contrato, cualquier tipo de modificación implicaría la utilización del recurso de modificatorio, por lo tanto, de todas formas se tendría que copiar el ítem de la sede de Magangué y agregarlo como un No Previsto en la sede de Carmen de Bolívar, por medio de un modificatorio.

El ingeniero Javier Castillo propone que una vez realizada la reunión con los especialistas estructurales y se haya definido el proceder con respecto a la cubierta, identificar los ítems adicionales que surjan y realizar un solo procedimiento modificatorio. Adicionalmente, consulta si para el ítem que se va a copiar es necesario presentar todos los soportes que se adjuntarían para la propuesta de ítems no previstos (APUs, cotizaciones, especificaciones técnicas), teniendo en cuenta que esa información ya se tiene contractualmente.

La ingeniera Katherine Patiño indica, que en el caso de ítems que ya cuentan con un valor contractual no es necesario adjuntar esos soportes porque ya existen; así mismo, considera pertinente la propuesta del ingeniero Javier Castillo, ya que este tipo de procedimientos administrativos suelen tomar tiempo, por lo que sería conveniente realizar solamente 1 o 2 modificaciones al contrato. Para los ítems nuevos que surjan, sí se requiere hacer todo el proceso de adjuntar los soportes como APUs, cotizaciones y especificaciones técnicas.

El ingeniero Javier Castillo cuestiona sobre la frecuencia en que se presentarán los informes de avance, ya que el contrato de obra establece la entrega de informes quincenales.

La ingeniera Katherine Patiño aclara que para el contratista de obra son informes quincenales y para la interventoría son informes semanales. Sin embargo, el contratista de obra deberá tener presente la información de avance semana a semana para exponerlo en los comités que se realizarán los días martes por consenso de todas las partes. Adicionalmente, solicita al contratista de obra y a la interventoría indicar la fecha estimada de remisión del acta de cobro parcial para programar la gestión de este proceso pues previo a la aceptación de este trámite se debe realizar ejercicios de visita y verificación en campo. Para finalizar, en caso de presentarse inconvenientes y/o dudas que se deban solucionar de manera oportuna, debe haber comunicación interna entre las partes y no necesariamente esperar cada semana el comité para exponer las situaciones presentadas.

Las partes coordinan y acuerdan mantener un día fijo para los comités técnicos del proyecto para los martes a las 2:00 p.m.

COMPROMISOS		
Acción	**Responsable**	**Fecha**
La ingeniera Katherine Patiño solicita al contratista de obra y a la interventoría realizar un apique de 1x1x1m y hacerle seguimiento durante 5 días para evaluar el comportamiento del nivel freático y poder definir si se requiere o no el filtro y/o los drenajes.	Contratista de obra e interventoría	19 de noviembre
Mesa de trabajo para revisión de la propuesta del cerramiento Magangué	Contratista de obra e interventoría	15 de noviembre
Remisión de concepto estructural para la atención de las sedes de Magangué y Carmen de Bolívar	Contratista de obra	18 de noviembre

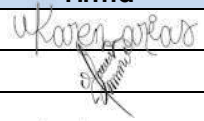
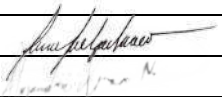
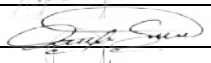
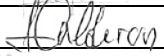
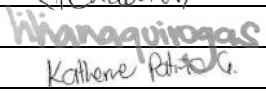
SEGUIMIENTO A LOS COMPROMISOS

Acción	**Se cumplió**		**Fecha de cumplimiento**
	SI	**NO**	
Documentos de inicio de obra	X		31 de octubre
Revisión, aprobación y entrega de documentos de obra	X		01 de noviembre
Elaboración actas de inicio	X		01 de noviembre
Formato modificatorio forma de pago	X		01 de noviembre
Firma de Acta de inicio	X		01 de noviembre

CAUSAS Y ACCIONES FRENTE A INCUMPLIMIENTOS

ACCIONES

APROBACIÓN DE LAS DECISIONES TOMADAS POR PARTE DE LOS ASISTENTES:

Nombre	Firma
Karen Andrea Arias Guerra	
Maira Andrea Romani Simaca	
Clímaco Andres Hernández Montes	
Javier Felipe Castillo Gutierrez	
Alejandro José Frasser Núñez	
Rafael Domingo Santos Villadiego	
Ruby Stefanny Cáceres Quintero	
Luis Carlos Calderón	
Liliana Quiroga Sepúlveda	
Katherine Patiño Gaviria	
Leonardo Salgado González	

ACTA DE REVISIÓN No. 5 CONTRATO No. GGC-089-2024 PROYECTO BOLÍVAR

Motivo Reunión	**Quien cita**	
1. Informar el avance de ejecución de la obra de la semana anterior 2. Informar sobre los inconvenientes y novedades presentados durante la semana	Grupo de Infraestructura Física y Mantenimiento	
Objetivo	**Fecha:**	19 de noviembre de 2024
Conocer los avances de obra en cada sede, y el concepto del especialista estructural del contratista de obra con respecto a las estructuras de cubierta de las sedes y cerramiento	**Lugar:**	Virtual
	Hora:	2:00p.m.
	Notas por:	
	Próxima Reunión:	26 de noviembre de 2024

PARTICIPANTES

Nombre	Cargo
Karen Andrea Arias Guerra	Residente de obra Magangué / Contratista de Obra
Maira Andrea Romani Simaca	Residente de obra Carmen de Bolívar / Contratista de Obra
Javier Felipe Castillo Gutierrez	Director de Obra / Contratista de Obra
Jennifer Lucía Torregrosa Hernández	Residente de Interventoría Magangué / Contratista de interventoría
Rafael Domingo Santos Villadiego	Residente de Interventoría Carmen de Bolívar / Contratista de Interventoría
Ruby Stefanny Cáceres Quintero	Inspector SISOMA / Contratista de interventoría
Luis Carlos Calderón	Especialista Estructural / Contratista de interventoría
Liliana Quiroga Sepúlveda	Directora de Interventoría / Contratista de interventoría
Katherine Patiño Gaviria	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento
Leonardo Salgado González	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento

AGENDA – DESARROLLO
Se inicia la reunión con la presentación de todos los asistentes. La ingeniera Katherine Patiño, apoyo a la supervisión, solicita información al contratista de obra sobre las entregas y subsanaciones pendientes (documentación de trabajo en alturas del equipo eléctrico, la entrega del plan detallado de trabajo, el plan de seguridad y salud en el trabajo, el plan detallado de cubierta), además del concepto estructural que soporta el diseño del cerramiento de la sede Magangué, y finalmente los avances de la semana en cada uno de los frentes de trabajo. El ingeniero Felipe Castillo, director de Obra, indica que ya se encuentran en proceso de recopilación de la documentación requerida para la autorización del trabajo en alturas del equipo de instalaciones eléctricas, así mismo, ya se tienen listos los planes detallados de trabajo para ambos frentes de obra, sin embargo, dichos planes se tendrán que ajustar, de acuerdo con el análisis realizado a la estructura de las cubiertas en ambas sedes, ya que estas cumplen con la capacidad de carga requerida, por lo tanto, no requieren de un reforzamiento estructural, no obstante, sí se requiere realizar el mantenimiento de los perfiles y se deberán instalar unos perfiles adicionales para la instalación de la nueva cubierta. Con respecto al plan SST, se realizó una presentación para la aprobación y firma del acta de inicio, sin embargo, estarán dispuestos a atender cualquier observación o requerimiento adicional. Así mismo, el plan detallado de cubierta no se había remitido debido a que aún no se contaba con el concepto del especialista del especialista estructural. Para el cerramiento, se recibieron algunas observaciones con respecto a las cargas horizontales que ejerce el terreno sobre la viga de cimentación; ya se tiene listo el oficio para dar respuesta a esa observación, sin embargo, el comité pasado se acordó asumir una capacidad portante del terreno que garantiza un correcto funcionamiento de los elementos, teniendo en cuenta que no existe un estudio de suelos reciente. Dentro de las obligaciones contractuales no se encuentra el diseño del cerramiento, pero de todas formas el contratista de obra no tuvo problema en realizar y presentar los planos de detalle. Así mismo, el contratista de obra expone en el comité el informe técnico que da respuesta a la observación realizada por la interventoría con respecto al cerramiento; describiendo todo el proceso de cálculo y diseño preliminar basado en criterios conservadores y las respectivas verificaciones. Esa información será remitida a la interventoría para la revisión y aprobación por parte de su especialista estructural. Por otra parte, también se muestra el informe detallado del análisis realizado a las estructuras de cubierta en cada una de las sedes, en donde se evidencia que la estructura de la sede Carmen de Bolívar es la más robusta y la que menos preocupaciones genera, sin embargo, ambas estructuras

cumplen con los requisitos de carga. Toda esta información será remitida a la interventoría tan pronto se tengan las recomendaciones constructivas por parte del especialista estructural de obra.

Con respecto al avance en obra, para la sede de Carmen de Bolívar el avance ha sido limitado, ya que no hay tantas actividades de obra civil, sin embargo, el día de hoy se recibió cerca del 70% del material para los trabajos eléctricos, por esta razón, se deberá ajustar el plan detallado de trabajo para iniciar por las actividades eléctricas y mientras se da solución y aprobación al tema de cubiertas. Las actividades preliminares ya se completaron en su mayoría.

Toma la palabra la arquitecta Maira Romaní, residente de obra de la sede Carmen de Bolívar, indicando que se han ejecutado las actividades de localización, trazado y replanteo del tejado y las cantidades fueron verificadas junto con el residente de interventoría, observando que las diferencias con las cantidades contractuales no son representativas. Se realizó el cerramiento en lona verde, excavaciones manuales, traslado de mobiliario, desmonte de cielo raso en madera, y trabajos de limpieza de la estructura de la cubierta. Adicionalmente, se iniciaron las actividades eléctricas, iniciando por el descargue del material recibido, el retiro de las luminarias y su cableado. El porcentaje ejecutado corresponde al 1.86%, contra un 2.86% programado; este atraso se debe a la espera del dictamen del especialista estructural para iniciar la intervención en la cubierta.

Por su parte, la arquitecta Karen Arias, residente de obra de la sede Magangué, informa que hasta el momento ya se han completado al 100% actividades preliminares como las excavaciones manuales, la instalación del cerramiento en lona verde, el desmonte de puertas, ventanas, cortinas, persianas, rocería, desmonte de aparatos sanitarios, divisiones de baños, y parcialmente la localización y replanteo. El porcentaje de avance ejecutado corresponde al 1.77%.

El ingeniero Felipe Castillo solicita realizar una videollamada el día de mañana con la profesional residente de obra de la sede Magangué, ya que durante las actividades de localización y replanteo se observó que varias cantidades contractuales no coinciden con lo evidenciado en campo para el cerramiento. Por ejemplo, existe un ítem de desmonte de ventanas, que inicialmente era de 4m^2 pasó a ser de aproximadamente 42m^2. La residente de obra de esa sede tiene varias dudas con respecto al lugar en donde se ejecutarán esas actividades, para poder realizar el respectivo balance soportado por actas de mayores y menores cantidades. Así mismo, se está a la espera de las indicaciones por parte de la entidad para el uso del presupuesto destinado inicialmente a la estructura de la cubierta y que no se empleará para tal fin debido a que la evaluación del especialista estructural indica que las estructuras existentes son perfectamente funcionales; todo esto con el fin de verificar en campo las cantidades requeridas para los nuevos ítems y realizar todos los trámites administrativos correspondientes.

Toma la palabra la arquitecta Liliana Quiroga, directora de interventoría comenta que para el componente SST y ambiental se remitió un oficio indicando que en ambas sedes del proyecto se debe realizar una manipulación y disposición especial para unas tejas de asbesto cemento, las cuales no están contempladas en el PMA. Adicionalmente, solicita al contratista de obra realizar la entrega oportuna de todos los requerimientos para lograr un seguimiento adecuado por parte de la interventoría. Así mismo, le solicita al contratista de obra remitir la documentación para ingreso del personal en obra con suficiente tiempo de antelación para realizar la respectiva gestión, de lo contrario no sería posible autorizar los ingresos de manera oportuna. Con respecto al cerramiento y la cubierta, la información remitida a la

interventoría debe ser amplia y suficiente para que cualquier persona ajena al proyecto la pueda leer y comprender, se solicita también celeridad en la entrega del tema de cubierta y todos los demás requerimientos, ya que, a hoy, se está trabajando bajo las condiciones iniciales del contrato, cuya terminación es el 31 de diciembre de 2024. Para efectos de la exposición de los avances, la interventoría presentará las actividades ejecutadas durante la última semana y no de manera acumulada. Para la sede de Magangué, pese a que aún no se cuenta con el concepto de viabilidad del cerramiento, el ejecutor inició actividades de figurado de acero para los elementos estructurales del mismo, también se iniciaron las actividades eléctricas. El porcentaje de ejecución a corte de hoy es del 1.8%. Para la sede Carmen de Bolívar, las actividades realizadas son principalmente del sistema eléctrico, completando un porcentaje de avance de 1.33%.

Toma la palabra el ingeniero Rafael Santos, residente de interventoría para la sede Carmen de Bolívar. Comentando que el día de ayer se realizaron labores administrativas ya que aún no se cuenta con la autorización para ejecutar actividades en cubierta. Se realizó un recorrido en la sede y se identificaron varios puntos a considerar como el desmonte de los aires acondicionados que no está contemplado en el presupuesto. Se evidenció también que el andén perimetral de la sede se encuentra en mal estado. Con respecto al avance, la programación no indica mayores avances debido a que las actividades de cubierta son las que tienen mayor peso.

Por su parte, la arquitecta Jennifer Torregrosa, residente de interventoría para la sede Magangué, indica que se realizó una revisión en conjunto con la arquitecta residente de obra, y se evidenciaron varias diferencias en las cantidades a ejecutar, como la cantidad de aires acondicionados a desmontar, las medidas de los mesones que se deben demoler, la cantidad de ventanas.

La arquitecta Liliana, solicita al contratista de obra informar de manera oportuna las dudas que se tengan sobre la ejecución de las actividades y se siga el conducto regular para dales manejo y rápida solución. En este punto del proyecto todas las dudas deberían estar resueltas, sin embargo, si aún persisten, se les solicita remitir el respectivo listado de puntos para resolver lo antes posible.

La ingeniera Katherine Patiño manifiesta sorpresa respecto a las inconsistencias presentadas en las cantidades, ya que el director de obra, se reunió con el ingeniero Leonardo Salgado, y otros profesionales y realizaron unas visitas de obra en cada una de las sedes durante el mes de octubre, con el fin de identificar las áreas a intervenir, pero según lo visto, ni el ejecutor ni la interventoría tienen claridad de las intervenciones que se deben realizar. Me gustaría conocer cuales son las actividades y cantidades específicas porque veo que no se tiene claro cuales son las obras que se están realizando. Por esta razón, solicita al contratista de obra remitir la información de los ítems que presentan inconsistencias en las cantidades de obra, para su revisión detallada. Se propone realizar un comité en sitio solo para revisar todas las inconsistencias y definir las actividades a priorizar de acuerdo con el resultado de la cubierta. Así mismo, consulta a la interventoría si sería posible contar con la revisión y el aval de su parte, para la estructura de la cubierta.

La arquitecta Liliana indica que, de ser recibida la información el día de hoy, se podría contar con el visto bueno y el concepto del especialista estructural de la interventoría antes de finalizar la semana.

La ingeniera Katherine indica que se programará visita para la próxima semana, para el lunes realizar el recorrido en sitio y poder aclarar todas las inconsistencias que se tienen.

El ingeniero Felipe Castillo comenta que se comenzarán a evaluar las actividades que se podrían cubrir e incluir en el alcance, teniendo en cuenta el rubro sobrante de la estructura de la cubierta. Durante esta semana se avanzará con los APUs de los ítems no previstos.

La ingeniera Katherine comenta que compartirá con las demás partes un diagnóstico realizado por la entidad para priorizar las actividades en las que se utilizará el rubro de la estructura metálica de la cubierta, ya que, por ejemplo, en la sede Carmen de Bolívar, se requiere intervenir la cocina, y solicita al contratista de obra tenerlo en cuenta en la proyección a realizar.

En cumplimiento de los compromisos del comité anterior, el contratista de obra realizó la excavación solicitada por la supervisión para verificar el nivel freático y tomar decisiones con respecto al cerramiento perimetral de la sede Magangué. Así mismo, se deja constancia del incumplimiento del compromiso de la mesa de trabajo programada para definir el tema del cerramiento y la estructura de las cubiertas.

La ingeniera Katherine reitera las obligaciones que se deben cumplir; en primer lugar, se debe ajustar el cronograma de obra, de acuerdo con el acta de inicio del contrato; la entrega del plan detallado de trabajo bajo las condiciones actuales de contrato, ya que no es posible esperar a realizar todas las modificaciones que se requieren; así mismo, se solicita el cuadro de cuadrillas, el cual debía ser entregado junto con los APUs. Por otra parte, contractualmente, el 5% del personal del contratista de obra debe ser de protección especial, y hasta la fecha no se han entregado los soportes respectivos para validar esa información. También se encuentra pendiente la entrega del informe quincenal de obra. Se solicita la asistencia de los profesionales a los comités, teniendo en cuenta que el especialista estructural de obra no estuvo presente y se requería de su participación durante el comité.

La supervisión le solicita a la interventoría ser específico con las observaciones realizadas al plan SST del contratista de obra para que este las pueda subsanar oportunamente y se eviten retrocesos en el avance.

Por último, la supervisión le recuerda tanto a la interventoría como al ejecutor, revisar las obligaciones descritas en el anexo técnico para dar cumplimiento a las mismas, dado que allí se evidencia que todos los componente estructurales y eléctricos del proyecto deben ser atendidos por el contratista.

La profesional SST del contratista de obra, comenta que se le está dando cumplimiento al requerimiento de vincular el 5% de personal de protección especial, ya que se cuenta con un adulto mayor laborando. En horas de la tarde se remitirá a la interventoría toda la información y soportes requeridos.

La supervisión solicita al contratista de obra dar celeridad a todos los trámites administrativos para verificar el cumplimiento de las obligaciones contractuales.

COMPROMISOS		
Acción	**Responsable**	**Fecha**
Entrega de las diferencias de cantidades	Contratista de obra	22 de noviembre

Entrega del diseño estructural con memorias de cálculo	Contratista de obra	19 de noviembre
Visita a las sedes	Todas las partes	25-27 de noviembre

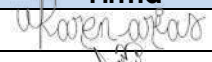
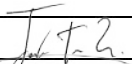
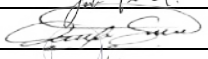
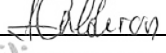
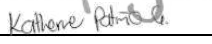
SEGUIMIENTO A LOS COMPROMISOS

Acción	Se cumplió		Fecha de cumplimiento
	SI	NO	
Excavación para verificación de nivel freático (Magangué)	X		
Mesa de trabajo para revisión del diseño estructural de cerramiento y de cubierta		X	
Visita a las sedes	X		25-27 de noviembre

CAUSAS Y ACCIONES FRENTE A INCUMPLIMIENTOS

ACCIONES

APROBACIÓN DE LAS DECISIONES TOMADAS POR PARTE DE LOS ASISTENTES:

Nombre	Firma
Karen Andrea Arias Guerra	
Maira Andrea Romani Simaca	
Javier Felipe Castillo Gutierrez	
Jennifer Lucía Torregrosa Hernández	
Rafael Domingo Santos Villadiego	
Ruby Stefanny Cáceres Quintero	
Luis Carlos Calderón	
Liliana Quiroga Sepúlveda	
Katherine Patiño Gaviria	
Leonardo Salgado González	

Instituto Colombiano Agropecuario

ACTA DE REVISIÓN No. 5 CONTRATO No. GGC-089-2024 PROYECTO BOLÍVAR

Motivo Reunión	**Quien cita**	
1. Informar el avance de ejecución de la obra de la semana anterior 2. Informar sobre los inconvenientes y novedades presentados durante la semana	Grupo de Infraestructura Física y Mantenimiento	
Objetivo	**Fecha:**	25-26 de noviembre de 2024
Conocer los avances de obra en cada sede, y el concepto del especialista estructural del contratista de obra con respecto a las estructuras de cubierta de las sedes y cerramiento	**Lugar:**	Presencial
	Hora:	2:00p.m.
	Notas por:	
	Próxima Reunión:	03 de diciembre de 2024

PARTICIPANTES

Nombre	Cargo
Karen Andrea Arias Guerra	Residente de obra Magangué / Contratista de Obra
Maira Andrea Romani Simaca	Residente de obra Carmen de Bolívar / Contratista de Obra
Javier Felipe Castillo Gutierrez	Director de Obra / Contratista de Obra
Jennifer Lucía Torregrosa Hernández	Residente de Interventoría Magangué / Contratista de interventoría
Rafael Domingo Santos Villadiego	Residente de Interventoría Carmen de Bolívar / Contratista de Interventoría
Ruby Stefanny Cáceres Quintero	Inspector SISOMA / Contratista de interventoría
Liliana Quiroga Sepúlveda	Directora de Interventoría / Contratista de interventoría
Katherine Patiño Gaviria	Apoyo a la supervisión / Contratista del Grupo de Infraestructura Física y Mantenimiento

AGENDA – DESARROLLO

Hace presencia en la sede del Carmen la supervisión encabezada por la ingeniera Katherine Patiño el director de obra Felipe castillo y la directora interventoría Liliana quiero que Sepúlveda para iniciar el recorrido de comisión para los frentes de El Carmen de Bolívar y Magangué dando inicio por la sede del Carmen.

Ingresando a la se evidencia el punto administrativo y la ubicación del campamento para las partes se observan los avances en los trabajos de retiro de cielo raso actividades eléctricas y retiro de equipos varios, así como las áreas completamente desocupadas para intervención.

Se evidencia la mala practica realizada por la cuadrilla eléctrica, ya que en el avance de sus actividades elctricas pues se observa el picado leve en una de las vigas aéreas de las oficinas y el picado total de una

sección de la viga área de la recepción, los dos elementos deben ser atendidos de manera correcta, para garantizar su estabilidad y funcionalidad a futuro, además a cuenta y costo del ejecutor, ejecutándose de la siguiente manera; la viga será recalzada haciendo cortes a 45 grados en ambos extremos con su de vino debido resane el resane deberá tener epóxico para garantizar la unión de los dos concretos además la tubería deberá pasar por el muro de la cocina y continuará por un muro falso de 15 cm o lo que se requiera para garantizar su buen funcionamiento así mismo deberá atenderse la actividad en el muro interno.

El recorrido continúa para establecer prioridades en las actividades atender e incluso las no previstas tales como son la atención:

- Atención de muros para resanes y estucos
- Aplicación de pinturas
- Atención de puertas la intervención de cocina
- Reemplazos y reposiciones de vidrios de ventanería
- Mantenimiento de juntas de piso

La atención de estas actividades es en el estricto orden que se redactó.

Además de lo anterior debe remitirse el esquema de la tubería faltante para el componente eléctrico, las puertas deben ser atendidas e instaladas en un material metálico teniendo en cuenta la humedad y las afectaciones que pueden tener por distintas plagas por el clima de la zona, sin embargo, debe conservar la estética de las existentes.

Se debe hacer la socialización con los involucrados entiéndase Agrosavia e ICA en la cual se deben manifestar e informar los tiempos y el alcance de la obra, y esta solicitud aplica para los dos frentes

Se deben entregar los NPS el día 29 de noviembre del 2024.

Se programa mesa de trabajo con los estructurales pues a la fecha continua pendiente para los dos frentes la entrega del levantamiento de la estructura de cubierta, en consecuencia, de las especificación técnica para cada frente.

Para la sede Magangué se inicia el recorrido sobre las 9 de la mañana verificando inicialmente las actividades realizadas y se desarrollan el recorrido con el fin de resolver las dudas que el contratista presenta respecto al presupuesto inicial dejando los siguientes compromisos y aclaraciones, que el balance presupuestal tiene como prioridad máxima las actividades que se relacionan a continuación la atención y correcta ejecución:

- Atención de marcos para puertas teniendo en cuenta las afectaciones que presentan los actuales.
- Retirar el mesón de laboratorio e instalar uno en acero inoxidable incluido la poceta.
- Instalar solo un lavamanos en el baño de hombres e incluir la división para las duchas además se debe aumentar la altura del enchape hasta la ventana en uno de sus muros y en el otro muro hasta superar la salida de la ducha, para este espacio se contempla solo un orinal.
- Se debe incluir una reja de protección para la oficina de archivos que se encuentra ubicada en la parte posterior de la edificación y que en la actualidad no tiene ningún elemento de seguridad adicional.
- El retiro de todas las unidades de aire acondicionado y su posterior instalación.
- Adicionar otro punto de desagüe para el patio interno.

- Reubicar la planta eléctrica al lado del auditorio sobre un nivel y las demás especificaciones que se requiera
- Construir el mesón de cocina de acuerdo con la ubicación y dimensión al que se tenía anteriormente
- Se debe energizar alguna de las zonas ya que actualmente la gran mayoría de las sedes se encuentra sin fluido eléctrico y pueden presentarse problemas de seguridad esta actividad no representa pago para el ejecutor.
- Es necesario cuantificar las áreas afectadas por comején y presentar un NP para esta actividad ya que se requiere un proceso de inmunización en algunas zonas muy puntuales
- Se debe presentar una propuesta para incluir vidrio en la recepción y manejar un espacio completamente cerrado conservando varias de las puertas que se tienen en este lugar e instalando una puerta de vidrio adicional.
- Es necesario redimensionar la ventana de atención de la secretaría para ampliar a dos secciones su hoja corrediza y tener una mayor área de apertura.
- Es necesario ubicar una poceta de aseo prefabricada en el patio interno para trabajos de aseo.

Cerrando el recorrido la interventoría y la supervisión le hacen un llamado de atención al ejecutor, ya que en la sede no se encuentra personal realizando ningún tipo de actividades y es evidente que podrían estarse realizando actividades que no es en concentradas en el cerramiento y en la cubierta, por lo tanto, se le recuerda que la ejecución de la obra es simultánea en los dos frentes.

La interventoría también le requiere al contratista de obra información de cómo va a atender subsanar y cerrar su informe de cubierta ya que si bien es cierto a las fechas se han realizado algunos trabajos para atender la misma no han sido cerrados de manera satisfactoria por lo tanto se considera que la actividad no se ha atendido al 100%.

El director de obra expone que teniendo en cuenta el desarrollo de la mesa de trabajo virtual realizada en horas de la tarde el día de ayer le es imposible continuar con el especialista que actualmente tiene aprobado para la atención de la cubierta teniendo en cuenta que este manifiesta que sus entregables cumplen amplia y suficientemente con lo requerido por lo tanto solicita un plazo hasta el 6 de diciembre para presentar nuevamente el informe y un cambio estructural que atienda específicamente esta actividad.

La supervisión señala que le parece excesivo el plazo y que se requiere de manera urgente e inmediata la atención de la actividad.

La interventoría desde su dirección señala que si viene el plazo es excesivo es la única manera que se tiene para cumplir con dichas actividades de manera satisfactoria sin embargo el hecho que a la fecha no se tenga cerrado dicho informe implica un presunto incumplimiento de sus obligaciones ni fundamentado en los tiempos dados en sus documentos contractuales junto con las fechas anteriormente tomadas para su realización y recibo satisfacción.

El comité se cierra tomando como compromiso tanto de la interventoría como de la obra la elaboración del balance para los dos frentes y las solicitudes de los otros sí que apliquen para ajustar los documentos y presupuestos iniciales en consecuencia a la visita realizada.

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COMPROMISOS Y ACUERDOS	RESPONSABLE	FECHA (aaaa-mm-dd)
Balance y NP's Carmen	Ejecutor	29/11/24
Ajustes estruct. cerramiento	Ejecutor	27/11/24
Balance y NP's Magangué	Ejecutor	30/11/24
Informe estructural Cubiertas	Ejecutor	06/12/24

FECHA PRÓXIMA REUNIÓN: 03 de diciembre / 2024.

ANEXOS

Nombres y Apellidos	Documento de identificación	Cargo	Entidad y/o Unidad Organizacional	Correo electrónico	Acepto Ley protección datos personales (SI o NO)	Firma
Jennifer Tarazona H.	1047404616	Res. Interventoría	Interventoría	Jennifer_tarazona@hotmail.com	Si	
KAREN ANDREA ARIAS GUERRA	1.102.857.350	Res Ejecución	Grupo Gestion urbano y rural	ariasguerrad@gmail.com	Si	
Javier Felipe Castillo Gutierrez	1032458207	Director Contratista	Gestion Rural y urbana SAS	jfcastillog@unal.edu.co	Si	
Katherine Patiño Saavia	1047224866	Supervisión	ICA	katherine.patino@ica.gov.co	Si	
Loraines Maria Barros Campo	1.102.847.244	S.S.T.	Grupo Gestion Urbano y Rural	Lorainesmariabarroscampo@Gmail.com	Si	
Vivianaquingas	37273497	Directora Interv.	Equilatero	atreccionbogotaequilatero@appdom	Si	
Rafael Santos	1.019.009.384	Residente Interventoría	Interventoría	rsanvi2926@gmail.com	Si	
Maira Andrea Romani Simanca	1.143.395.496	Residente civil	Grupo Gestion Urbano y rural	mairaromani@gmail.com	Si	

EQUILATERO ARQUITECTURA E INGENIERIA SAS

Nit: 901.275.510-1

FORMATO: ACTA DE COMITÉ DE OBRA

ACTA No.	

OBRA: "ADECUACION DE LA OFICINA LOCAL ICA MAGANGUE Y EL MANTENIMIENTO DE LA OFICINA LOCAL ICA EN CARMEN DE BOLIVAR, DEPARTAMENTO DE BOLIVAR"
CONTRATO DE OBRA N° GGC-089-2024

Lugar: Comité virtual	Fecha: 25 de noviembre de 2024
Hora Inicio: 5:10 p.m.	Hora Fin: 5:30 p.m.

TEMAS TRATAR

- Informe de cubierta para las sedes de El Carmen y Magangué
-Intervención de la estructura

En atención al estado actual que presenta la información entregada por el contratista de obra para atender la actividad del informe estructural para el diagnóstico actual de la cubierta, la interventoría y la supervisión asisten a una mesa de trabajo solicitada por ejecutor, dónde se busca a través de este ejercicio brindar a las partes un escenario de concertación más rápido eficaz teniendo en cuenta los trámites realizados anteriormente y la premura por dar cierre a los pendientes que se tienen en dicha actividad.

La interventoría realiza una introducción rápida de la finalidad del ejercicio y por lo tanto cede la palabra al especialista estructural del ejecutor Ing. Clímaco Hernández especialista estructural para que inicie su intervención.

El Ing. Clímaco Hernández inicia con la exposición de cómo realizó sus ejercicios tanto en El Carmen de Bolívar como en Magangué, expone que realizó en los dos frentes una inspección visual y el levantamiento junto con la inspección especial de los elementos que están plasmados en los informes, y que en los mismos informes señala su concepto de no ser necesario el reemplazo ni el reforzamiento total o parcial de las estructuras que actualmente se encuentran en las sedes. También manifiesta que como ya lo ha expuesto en comités varios, las estructuras actualmente cuentan con las condiciones técnicas para continuar en uso pero que sin embargo es necesario realizar un mantenimiento previo a la instalación de las nuevas cubiertas.

La directora interventoría nuevamente toma la palabra y de manera general expone lo solicitado por el especialista estructural de la interventoría, ya que el Ing. Torres, especialista en la interventoría, tiene unas solicitudes muy específicas previo a continuar con la conceptualización de la interventoría.

El Ing. Carlos Torres inicia su exposición manifestando que en efecto en la información remitida por el ejecutor se evidencia las visitas y las inspecciones realizadas en las sedes como lo manifiesta el Ing. Clímaco Hernández, sin embargo, todo lo que él expone no se encuentra fundamentado ni especificado en los documentos remitidos para revisión y conceptualización del estado actual de la estructura de la cubierta, ya que se muestran verificaciones y análisis

puntuales que no permiten evidenciar el estado general de la estructura actual dificultando la revisión del elemento como un todo ósea una estructura completa.

El especialista estructural del ejecutor nuevamente toma la palabra y expone que sus cálculos se realizaron basados en la selección de forma aleatoria de varios de los elementos que poseen las cubiertas, ya que desde su experticia no es necesario realizar el levantamiento total de los elementos para conceptualizar del estado actual de la estructura de cubierta y que los resultados de sus revisiones son concluyentes con la información entregada hasta la fecha.

El especialista estructural de la interventoría interviene y señala que lo solicitado por la interventoría se mantiene, qué como primera medida deben entregarse informes completamente separados para cada uno de las sedes que además es necesario conocer el estado de los elementos de manera individual para entender el comportamiento general de la estructura y que si bien desde el equipo interventoría siempre se ha estado abierto al diálogo y mesas de trabajo, hay actividades mínimas que se requieren para la correcta ejecución de las actividades, que deben realizarse. Por lo tanto, reitera que se necesita todo el levantamiento de las dos estructuras para su correcto análisis y conceptualización, junto con el ajuste documental solicitado.

La directora interventoría solicita la palabra e indica, además, que el alcance del informe independientemente de lo señalado por el Ing. Torres debe entregar el levantamiento de la estructura actual para poder dar su recibo a satisfacción de la actividad de localización y replanteo.

La supervisión del contrato en cabeza de la Ing. Patiño, señala que además dentro de las especificaciones técnicas de las actividades, dentro de las obligaciones contractuales se describe ampliamente cómo debe ser atendida la actividad para considerarse recibidas satisfacción y poder dar correcto cierre, señala además al ejecutor que los tiempos inicialmente dados para finalizar de forma correcta esta actividad está considerablemente vencidos y le requiere al director de obra su intervención.

El Ing. Castillo director de obra, señala que se deben atender las indicaciones recibidas, sin embargo, también indica que no posee los medios en ese momento para tomar nuevos compromisos pues es necesario coordinar de manera interna con su especialista estructural para realizar los ajustes solicitados y tomar así nuevas fechas y compromisos.

El Ing. Hernández nuevamente toma la palabra y manifiesta que con la información entregada se debería dar por cerrado su informe, que no se requieren datos complementarios y de ser nuevamente requeridos necesitaría nuevos recursos y tiempos con los que en la actualidad no cuenta.

El Ing. Torres nuevamente toma la palabra y reitera la solicitud de la interventoría, haciendo salvedad para todas las partes que de no subsanarse lo requerido el tema, continuará sin cierre y se concentrará en un ejercicio de intercambio documental que no llevarán a un reciba satisfacción que finalmente es lo que requieren todas las partes.

La interventoría y la supervisión solicitan al ejecutor informe y/o manifieste cuándo se realizará la atención de lo solicitado por la interventoría, que incluye el levantamiento actual de la estructura no solo por ser un elemento fundamental para verificar su tesis de mantenimiento actual de la estructura de cada una de las sedes, sino que además es de estricto cumplimiento para atender de manera adecuada con las obligaciones del contrato

El Ing. Castillo informa que dará atención a lo solicitado, sin embargo, manifiesta que requiere un plazo adicional para dialogar con su especialista estructural y poder fijar fechas y tiempos de entrega por lo tanto en el ejercicio el día de hoy se abstiene de informar plazos de entrega para lo solicitado.

Con esta intervención se da por finalizado el comité y se le requiere al contratista de obra que el día de mañana en medio del comité de Magangué tenga claro las fechas de atención de ese compromiso para que queden consignados en el acta de comité.

COMPROMISOS Y ACUERDOS	RESPONSABLE	FECHA (aaaa-mm-dd)
FECHA PRÓXIMA REUNIÓN:		

ANEXOS

Nombres y Apellidos	Documento de identificación	Cargo	Entidad y/o Unidad Organizacional	Correo electrónico	Acepto Ley protección datos personales (SI o NO)	Firma