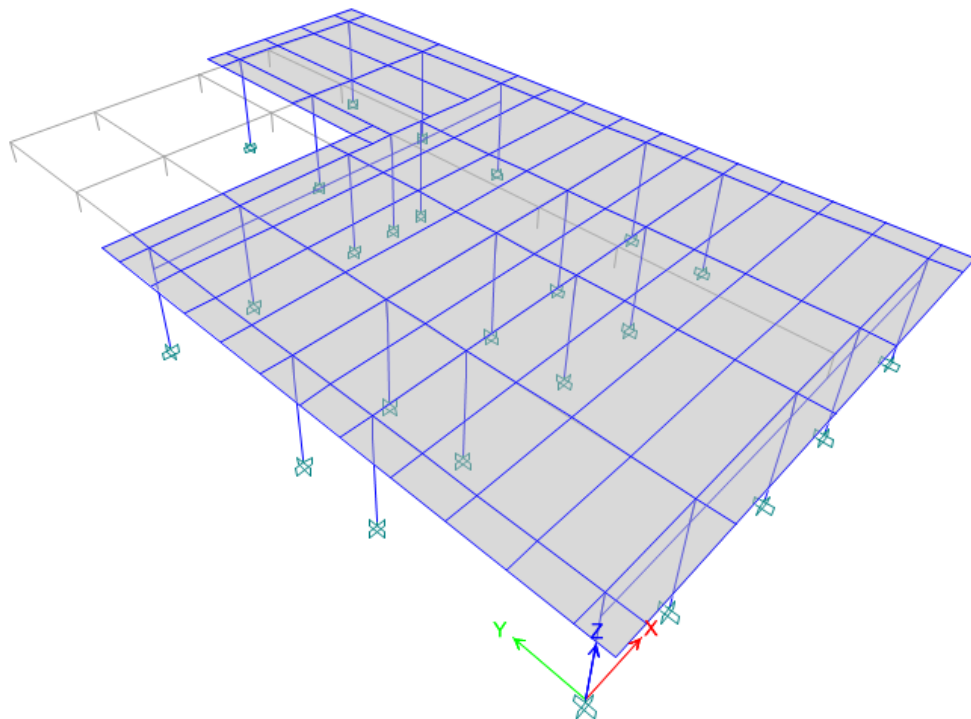




User Report 1

Model File: MODULO 2 - SAN DIEGO, Revision 0

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Assignments

1 Assignments

This chapter provides a listing of the assignments applied to the model.

1.1 Frame Assignments

Table 1.1 - Frame Assignments - Summary

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	B1	88	Beam	3.69	V30X45	V30X45	0.5	
Story2	B2	89	Beam	5.13	V30X45	V30X45	0.5	
Story2	B5	92	Beam	5.03	V30X45	V30X45	0.5	
Story2	B6	73	Beam	3.69	V30X45	V30X45	0.5	
Story2	B7	74	Beam	5.13	V30X45	V30X45	0.5	
Story2	B9	76	Beam	1.65	V30X45	V30X45	0.5	
Story2	B17	67	Beam	4.96	V30X45	V30X45	0.5	
Story2	B18	68	Beam	5.28	V30X45	V30X45	0.5	
Story2	B20	70	Beam	5.28	V30X45	V30X45	0.5	
Story2	B23	78	Beam	3.69	V30X45	V30X45	0.5	
Story2	B24	79	Beam	5.13	V30X45	V30X45	0.5	
Story2	B27	82	Beam	5.03	V30X45	V30X45	0.5	
Story2	B28	83	Beam	3.69	V30X45	V30X45	0.5	
Story2	B29	84	Beam	5.13	V30X45	V30X45	0.5	
Story2	B32	87	Beam	5.03	V30X45	V30X45	0.5	
Story2	B44	104	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B45	105	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B46	106	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B47	107	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B48	108	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B49	109	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B50	110	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B51	111	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B52	112	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B53	113	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B54	114	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B55	115	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B56	116	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B57	117	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B58	118	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B59	119	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B60	120	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B61	121	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B62	122	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B63	123	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B64	124	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B65	125	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B66	126	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B67	127	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B68	128	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B69	129	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B70	130	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B71	131	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B72	132	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B73	133	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B74	134	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B75	135	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B76	136	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B77	137	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B78	138	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B79	139	Beam	1.9025	V30X45	V30X45	0.5	

Assignments

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	B80	140	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B81	141	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B82	142	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B83	143	Beam	1.9025	V30X45	V30X45	0.5	
Story2	B91	151	Beam	1.7	V30X45	V30X45	0.5	
Story2	B92	152	Beam	1.7	V30X45	V30X45	0.5	
Story2	B93	153	Beam	1.7	V30X45	V30X45	0.5	
Story2	B94	154	Beam	1.7	V30X45	V30X45	0.5	
Story2	B95	155	Beam	1.7	V30X45	V30X45	0.5	
Story2	B96	156	Beam	1.7	V30X45	V30X45	0.5	
Story2	B97	157	Beam	1.7	V30X45	V30X45	0.5	
Story2	B98	158	Beam	1.7	V30X45	V30X45	0.5	
Story2	B99	159	Beam	1.7	V30X45	V30X45	0.5	
Story2	B100	160	Beam	1.7	V30X45	V30X45	0.5	
Story2	B104	80	Beam	3.89	V30X45	V30X45	0.5	
Story2	B105	85	Beam	3.89	V30X45	V30X45	0.5	
Story2	B106	90	Beam	3.89	V30X45	V30X45	0.5	
Story2	B107	162	Beam	3.69	V20X45	V20X45	0.5	
Story2	B108	163	Beam	5.13	V20X45	V20X45	0.5	
Story2	B109	164	Beam	3.89	V20X45	V20X45	0.5	
Story2	B110	165	Beam	5.03	V20X45	V20X45	0.5	
Story2	B111	166	Beam	3.69	V20X45	V20X45	0.5	
Story2	B112	167	Beam	5.13	V20X45	V20X45	0.5	
Story2	B113	168	Beam	3.89	V20X45	V20X45	0.5	
Story2	B114	169	Beam	5.03	V20X45	V20X45	0.5	
Story2	B115	170	Beam	3.69	V20X45	V20X45	0.5	
Story2	B116	171	Beam	5.13	V20X45	V20X45	0.5	
Story2	B117	172	Beam	3.89	V20X45	V20X45	0.5	
Story2	B118	173	Beam	5.03	V20X45	V20X45	0.5	
Story2	B119	174	Beam	3.69	V20X45	V20X45	0.5	
Story2	B120	175	Beam	5.13	V20X45	V20X45	0.5	
Story2	B121	176	Beam	3.89	V20X45	V20X45	0.5	
Story2	B122	177	Beam	5.03	V20X45	V20X45	0.5	
Story2	B123	178	Beam	3.69	V20X45	V20X45	0.5	
Story2	B124	179	Beam	5.13	V20X45	V20X45	0.5	
Story2	B125	180	Beam	3.89	V20X45	V20X45	0.5	
Story2	B126	181	Beam	5.03	V20X45	V20X45	0.5	
Story2	B127	182	Beam	3.69	V20X45	V20X45	0.5	
Story2	B128	183	Beam	5.13	V20X45	V20X45	0.5	
Story2	B129	184	Beam	3.89	V20X45	V20X45	0.5	
Story2	B130	185	Beam	5.03	V20X45	V20X45	0.5	
Story2	B131	186	Beam	3.69	V20X45	V20X45	0.5	
Story2	B132	187	Beam	5.13	V20X45	V20X45	0.5	
Story2	B133	188	Beam	3.89	V20X45	V20X45	0.5	
Story2	B134	189	Beam	5.03	V20X45	V20X45	0.5	
Story2	B135	190	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B136	191	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B137	192	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B138	193	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B139	194	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B140	195	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B143	198	Beam	0.5767	V30X45	V30X45	0.5	
Story2	B144	199	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B145	200	Beam	2.2267	V30X45	V30X45	0.5	
Story2	B147	202	Beam	4.96	V20X45	V20X45	0.5	
Story2	B148	203	Beam	5.28	V20X45	V20X45	0.5	
Story2	B150	205	Beam	4.96	V20X45	V20X45	0.5	
Story2	B151	206	Beam	5.28	V20X45	V20X45	0.5	

Assignments

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	B3	54	Beam	20.82	V20X45	V20X45	0.5	
Story2	B4	61	Beam	11.11	V20X45	V20X45	0.5	
Story2	B11	62	Beam	10.19	V20X45	V20X45	0.5	
Story2	B12	63	Beam	8.83	V20X45	V20X45	0.5	
Story2	B13	64	Beam	19.94	V20X45	V20X45	0.5	
Story2	B14	65	Beam	31.01	V20X45	V20X45	0.5	
Story2	B15	66	Beam	1.1	V30X45	V30X45	0.5	
Story2	B16	71	Beam	1.1	V30X45	V30X45	0.5	
Story2	B21	72	Beam	1.1	V30X45	V30X45	0.5	
Story2	B22	77	Beam	1.1	V30X45	V30X45	0.5	
Story2	B25	81	Beam	1.1	V30X45	V30X45	0.5	
Story2	B26	86	Beam	1.1	V30X45	V30X45	0.5	
Story2	B30	91	Beam	1.1	V30X45	V30X45	0.5	
Story2	B31	93	Beam	1.1	V30X45	V30X45	0.5	
Story2	B33	94	Beam	1.1	V30X45	V30X45	0.5	
Story2	B34	95	Beam	1.1	V30X45	V30X45	0.5	
Story2	B35	96	Beam	1.1	V30X45	V30X45	0.5	
Story2	B36	97	Beam	1.1	V30X45	V30X45	0.5	
Story2	B37	98	Beam	1.1	V30X45	V30X45	0.5	
Story2	B38	99	Beam	1.1	V30X45	V30X45	0.5	
Story2	B39	100	Beam	1.1	V30X45	V30X45	0.5	
Story2	B40	101	Beam	1.1	V30X45	V30X45	0.5	
Story2	B41	102	Beam	1.1	V30X45	V30X45	0.5	
Story2	B42	103	Beam	1.05	V30X45	V30X45	0.5	
Story2	B43	144	Beam	1.05	V30X45	V30X45	0.5	
Story2	B84	145	Beam	1.1	V30X45	V30X45	0.5	
Story2	B85	146	Beam	1.05	V30X45	V30X45	0.5	
Story2	B86	147	Beam	1.05	V30X45	V30X45	0.5	
Story2	B89	150	Beam	1.1	V30X45	V30X45	0.5	
Story2	B90	161	Beam	3.86	V30X45	V30X45	0.5	
Story2	B101	196	Beam	1.19	V30X45	V30X45	0.5	
Story2	B102	197	Beam	1.05	V30X45	V30X45	0.5	
Story2	B103	201	Beam	1.05	V20X45	V20X45	0.5	
Story2	B146	208	Beam	1.1	V20X45	V20X45	0.5	
Story2	B149	209	Beam	1.1	V20X45	V20X45	0.5	
Story2	B152	210	Beam	1.1	V20X45	V20X45	0.5	
Story2	B153	211	Beam	1.1	V20X45	V20X45	0.5	
Story2	B154	212	Beam	1.1	V20X45	V20X45	0.5	
Story2	B155	213	Beam	1.1	V20X45	V20X45	0.5	
Story2	B156	214	Beam	1.1	V20X45	V20X45	0.5	
Story2	B157	215	Beam	1.1	V20X45	V20X45	0.5	
Story2	B158	216	Beam	1.1	V20X45	V20X45	0.5	
Story2	B159	217	Beam	1.1	V20X45	V20X45	0.5	
Story2	B160	218	Beam	1.1	V20X45	V20X45	0.5	
Story2	B161	219	Beam	1.1	V20X45	V20X45	0.5	
Story2	B162	220	Beam	1.1	V20X45	V20X45	0.5	
Story2	B163	221	Beam	1.1	V20X45	V20X45	0.5	
Story2	B164	222	Beam	1.1	V20X45	V20X45	0.5	
Story2	B165	223	Beam	1.05	V20X45	V20X45	0.5	
Story2	B166	224	Beam	1.05	V20X45	V20X45	0.5	
Story2	C1	26	Column	0.9	C40X40	C40X40		3
Story2	C2	27	Column	0.9	C40X40	C40X40		3
Story2	C3	28	Column	0.9	C40X40	C40X40		3
Story2	C4	29	Column	0.9	C40X40	C40X40		3
Story2	C5	30	Column	0.9	C40X40	C40X40		3
Story2	C6	31	Column	0.9	C40X40	C40X40		3
Story2	C7	32	Column	0.9	C40X40	C40X40		3
Story2	C8	33	Column	0.9	C40X40	C40X40		3

Assignments

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	C9	34	Column	0.9	C40X40	C40X40		3
Story2	C10	35	Column	0.9	C40X40	C40X40		3
Story2	C11	36	Column	0.9	C40X40	C40X40		3
Story2	C12	37	Column	0.9	C40X40	C40X40		3
Story2	C13	38	Column	0.9	C40X40	C40X40		3
Story2	C14	39	Column	0.9	C40X40	C40X40		3
Story2	C15	40	Column	0.9	C40X40	C40X40		3
Story2	C16	41	Column	0.9	C40X40	C40X40		3
Story2	C17	42	Column	0.9	C40X40	C40X40		3
Story2	C18	43	Column	0.9	C40X40	C40X40		3
Story2	C19	44	Column	0.9	C40X40	C40X40		3
Story2	C20	45	Column	0.9	C40X40	C40X40		3
Story2	C21	46	Column	0.9	C40X40	C40X40		3
Story2	C22	47	Column	0.9	C40X40	C40X40		3
Story2	C23	48	Column	0.9	C40X40	C40X40		3
Story2	C24	49	Column	0.9	C40X40	C40X40		3
Story2	C25	50	Column	0.9	C40X40	C40X40		3
Story1	B1	51	Beam	3.69	V25X30	V25X30	0.5	
Story1	B2	52	Beam	5.13	V25X30	V25X30	0.5	
Story1	B5	55	Beam	5.03	V25X30	V25X30	0.5	
Story1	B6	56	Beam	3.69	V25X30	V25X30	0.5	
Story1	B7	57	Beam	5.13	V25X30	V25X30	0.5	
Story1	B8	58	Beam	2.24	V25X30	V25X30	0.5	
Story1	B9	59	Beam	1.65	V25X30	V25X30	0.5	
Story1	B10	60	Beam	5.03	V25X30	V25X30	0.5	
Story1	B106	53	Beam	3.89	V25X30	V25X30	0.5	
Story1	C1	1	Column	3.45	C40X40	C40X40		3
Story1	C2	2	Column	3.45	C40X40	C40X40		3
Story1	C3	3	Column	3.45	C40X40	C40X40		3
Story1	C4	4	Column	3.45	C40X40	C40X40		3
Story1	C5	5	Column	3.45	C40X40	C40X40		3
Story1	C6	6	Column	3.45	C40X40	C40X40		3
Story1	C7	7	Column	3.45	C40X40	C40X40		3
Story1	C8	8	Column	3.45	C40X40	C40X40		3
Story1	C9	9	Column	3.45	C40X40	C40X40		3
Story1	C10	10	Column	3.45	C40X40	C40X40		3
Story1	C11	11	Column	3.45	C40X40	C40X40		3
Story1	C12	12	Column	3.45	C40X40	C40X40		3
Story1	C13	13	Column	3.45	C40X40	C40X40		3
Story1	C14	14	Column	3.45	C40X40	C40X40		3
Story1	C15	15	Column	3.45	C40X40	C40X40		3
Story1	C16	16	Column	3.45	C40X40	C40X40		3
Story1	C17	17	Column	3.45	C40X40	C40X40		3
Story1	C18	18	Column	3.45	C40X40	C40X40		3
Story1	C19	19	Column	3.45	C40X40	C40X40		3
Story1	C20	20	Column	3.45	C40X40	C40X40		3
Story1	C21	21	Column	3.45	C40X40	C40X40		3
Story1	C22	22	Column	3.45	C40X40	C40X40		3
Story1	C23	23	Column	3.45	C40X40	C40X40		3
Story1	C24	24	Column	3.45	C40X40	C40X40		3
Story1	C25	25	Column	3.45	C40X40	C40X40		3

1.2 Shell Assignments

Table 1.2 - Area Assignments - Summary

Story	Label	UniqueName	Section Property	Property Type	Axis Angle deg
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Assignments

Story	Label	UniqueName	Section Property	Property Type	Axis Angle deg
Story2	F4	5	LOSA12	Slab	90
Story2	F5	6	LOSA12	Slab	90
Story2	F6	7	LOSA12	Slab	90
Story2	F7	8	LOSA12	Slab	90
Story2	F8	9	LOSA12	Slab	90
Story2	F9	10	LOSA12	Slab	90
Story2	F10	11	LOSA12	Slab	90
Story2	F11	12	LOSA12	Slab	90
Story2	F12	13	LOSA12	Slab	90
Story2	F13	14	LOSA12	Slab	90
Story2	F14	15	LOSA12	Slab	90
Story2	F15	16	LOSA12	Slab	90
Story2	F16	17	LOSA12	Slab	90
Story2	F17	18	LOSA12	Slab	90
Story2	F18	19	LOSA12	Slab	90
Story2	F19	20	LOSA12	Slab	90
Story2	F20	21	LOSA12	Slab	90
Story2	F21	22	LOSA12	Slab	90
Story2	F22	23	LOSA12	Slab	90
Story2	F23	24	LOSA12	Slab	90
Story2	F78	79	LOSA12	Slab	
Story2	F79	80	LOSA12	Slab	
Story2	F80	81	LOSA12	Slab	
Story2	F81	82	LOSA12	Slab	
Story2	F92	25	LOSA12	Slab	90
Story2	F93	26	LOSA12	Slab	90
Story2	F94	27	LOSA12	Slab	90
Story2	F95	28	LOSA12	Slab	90
Story2	F96	29	LOSA12	Slab	90
Story2	F97	30	LOSA12	Slab	90
Story2	F98	31	LOSA12	Slab	90
Story2	F99	32	LOSA12	Slab	90
Story2	F100	33	LOSA12	Slab	90
Story2	F101	34	LOSA12	Slab	90
Story2	F102	75	LOSA12	Slab	
Story2	F103	76	LOSA12	Slab	
Story2	F1	1	LOSA12	Slab	90
Story2	F2	2	LOSA12	Slab	90
Story2	F3	3	LOSA12	Slab	90
Story2	F24	4	LOSA12	Slab	90
Story2	F25	35	LOSA12	Slab	90
Story2	F26	36	LOSA12	Slab	90
Story2	F27	37	LOSA12	Slab	90
Story2	F28	38	LOSA12	Slab	90
Story2	F29	39	LOSA12	Slab	90
Story2	F30	40	LOSA12	Slab	90
Story2	F33	44	LOSA12	Slab	90
Story2	F34	45	LOSA12	Slab	90
Story2	F35	46	LOSA12	Slab	90
Story2	F36	47	LOSA12	Slab	90
Story2	F37	48	LOSA12	Slab	90
Story2	F38	49	LOSA12	Slab	90
Story2	F39	50	LOSA12	Slab	90
Story2	F40	51	LOSA12	Slab	90
Story2	F41	52	LOSA12	Slab	90
Story2	F42	53	LOSA12	Slab	90
Story2	F43	54	LOSA12	Slab	90
Story2	F44	55	LOSA12	Slab	90
Story2	F45	56	LOSA12	Slab	90

Assignments

Story	Label	UniqueName	Section Property	Property Type	Axis Angle deg
Story2	F46	57	LOSA12	Slab	90
Story2	F47	58	LOSA12	Slab	90
Story2	F48	59	LOSA12	Slab	90
Story2	F49	60	LOSA12	Slab	90
Story2	F50	61	LOSA12	Slab	90
Story2	F51	62	LOSA12	Slab	90
Story2	F52	63	LOSA12	Slab	90
Story2	F53	64	LOSA12	Slab	90
Story2	F54	65	LOSA12	Slab	90
Story2	F55	66	LOSA12	Slab	90
Story2	F58	69	LOSA12	Slab	90
Story2	F59	70	LOSA12	Slab	90
Story2	F60	71	LOSA12	Slab	90
Story2	F61	72	LOSA12	Slab	90
Story2	F62	73	LOSA12	Slab	90
Story2	F63	74	LOSA12	Slab	90
Story2	F64	77	LOSA12	Slab	90
Story2	F65	78	LOSA12	Slab	90
Story2	F69	86	LOSA12	Slab	
Story2	F70	87	LOSA12	Slab	
Story2	F71	88	LOSA12	Slab	
Story2	F72	89	LOSA12	Slab	
Story2	F73	90	LOSA12	Slab	
Story2	F74	91	LOSA12	Slab	
Story2	F75	92	LOSA12	Slab	
Story2	F76	93	LOSA12	Slab	
Story2	F77	94	LOSA12	Slab	

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
~LLRF	Yes	Other	0	
D	No	Dead	1	
DS	No	Super Dead	0	
L	No	Live	0	
SX	No	Seismic	0	User Coefficient
SX-UMBRAL-EST	No	Seismic	0	User Coefficient
SY	No	Seismic	0	User Coefficient
SY-UMBRAL-EST	No	Seismic	0	User Coefficient
W1	No	Wind	0	None
W2	No	Wind	0	None

2.2 Auto Seismic Loading

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SX using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = X + Eccentricity Y

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.5

Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	426089.68	213.04

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story2	4.35	202.34	0
Story1	3.45	10.71	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SY using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = Y + Eccentricity X

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.5

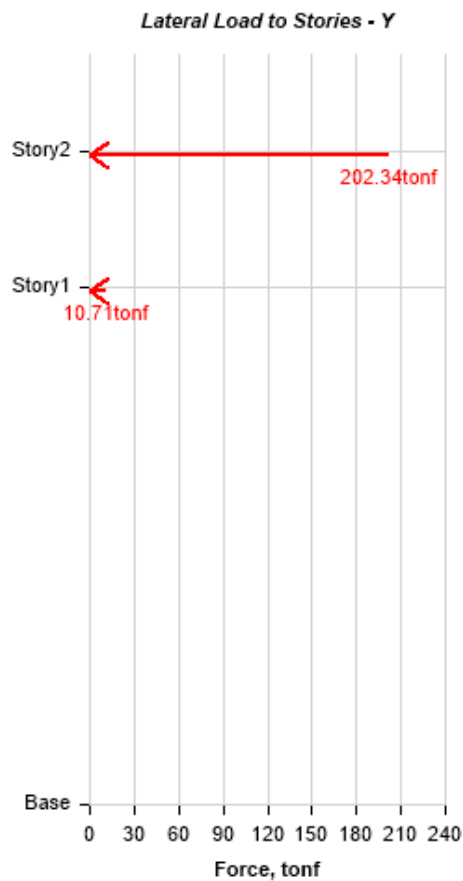
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	426089.68	213.04

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story2	4.35	0	202.34
Story1	3.45	0	10.71
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SX-UMBRAL-EST using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = X + Eccentricity Y

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.09

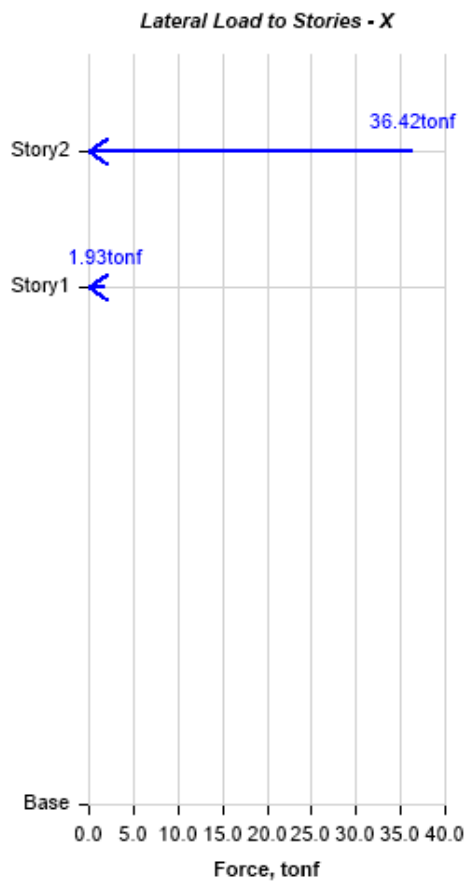
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	426089.68	38.35

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story2	4.35	36.42	0
Story1	3.45	1.93	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SY-UMBRAL-EST using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = Y + Eccentricity X

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.09

Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	426089.68	38.35

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story2	4.35	0	36.42
Story1	3.45	0	1.93
Base	0	0	0

Loads

2.3 Applied Loads

2.3.1 Area Loads

Table 2.6 - Area Load Assignments - Uniform

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
Story2	F4	5	L	Gravity	200
Story2	F5	6	L	Gravity	200
Story2	F6	7	L	Gravity	200
Story2	F7	8	L	Gravity	200
Story2	F8	9	L	Gravity	200
Story2	F9	10	L	Gravity	200
Story2	F10	11	L	Gravity	200
Story2	F11	12	L	Gravity	200
Story2	F12	13	L	Gravity	200
Story2	F13	14	L	Gravity	200
Story2	F14	15	L	Gravity	200
Story2	F15	16	L	Gravity	200
Story2	F16	17	L	Gravity	200
Story2	F17	18	L	Gravity	200
Story2	F18	19	L	Gravity	200
Story2	F19	20	L	Gravity	200
Story2	F20	21	L	Gravity	200
Story2	F21	22	L	Gravity	200
Story2	F22	23	L	Gravity	200
Story2	F23	24	L	Gravity	200
Story2	F78	79	L	Gravity	200
Story2	F79	80	L	Gravity	200
Story2	F80	81	L	Gravity	200
Story2	F81	82	L	Gravity	200
Story2	F92	25	L	Gravity	200
Story2	F93	26	L	Gravity	200
Story2	F94	27	L	Gravity	200
Story2	F95	28	L	Gravity	200
Story2	F96	29	L	Gravity	200
Story2	F97	30	L	Gravity	200
Story2	F98	31	L	Gravity	200
Story2	F99	32	L	Gravity	200
Story2	F100	33	L	Gravity	200
Story2	F101	34	L	Gravity	200
Story2	F102	75	L	Gravity	200
Story2	F103	76	L	Gravity	200
Story2	F1	1	L	Gravity	200
Story2	F2	2	L	Gravity	200
Story2	F3	3	L	Gravity	200
Story2	F24	4	L	Gravity	200
Story2	F25	35	L	Gravity	200
Story2	F26	36	L	Gravity	200
Story2	F27	37	L	Gravity	200
Story2	F28	38	L	Gravity	200
Story2	F29	39	L	Gravity	200
Story2	F30	40	L	Gravity	200
Story2	F33	44	L	Gravity	200
Story2	F34	45	L	Gravity	200
Story2	F35	46	L	Gravity	200
Story2	F36	47	L	Gravity	200
Story2	F37	48	L	Gravity	200
Story2	F38	49	L	Gravity	200
Story2	F39	50	L	Gravity	200
Story2	F40	51	L	Gravity	200
Story2	F41	52	L	Gravity	200

Loads

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
Story2	F42	53	L	Gravity	200
Story2	F43	54	L	Gravity	200
Story2	F44	55	L	Gravity	200
Story2	F45	56	L	Gravity	200
Story2	F46	57	L	Gravity	200
Story2	F47	58	L	Gravity	200
Story2	F48	59	L	Gravity	200
Story2	F49	60	L	Gravity	200
Story2	F50	61	L	Gravity	200
Story2	F51	62	L	Gravity	200
Story2	F52	63	L	Gravity	200
Story2	F53	64	L	Gravity	200
Story2	F54	65	L	Gravity	200
Story2	F55	66	L	Gravity	200
Story2	F58	69	L	Gravity	200
Story2	F59	70	L	Gravity	200
Story2	F60	71	L	Gravity	200
Story2	F61	72	L	Gravity	200
Story2	F62	73	L	Gravity	200
Story2	F63	74	L	Gravity	200
Story2	F64	77	L	Gravity	200
Story2	F65	78	L	Gravity	200
Story2	F69	86	L	Gravity	200
Story2	F70	87	L	Gravity	200
Story2	F71	88	L	Gravity	200
Story2	F72	89	L	Gravity	200
Story2	F73	90	L	Gravity	200
Story2	F74	91	L	Gravity	200
Story2	F75	92	L	Gravity	200
Story2	F76	93	L	Gravity	200
Story2	F77	94	L	Gravity	200
Story2	F4	5	DS	Gravity	200
Story2	F5	6	DS	Gravity	200
Story2	F6	7	DS	Gravity	200
Story2	F7	8	DS	Gravity	200
Story2	F8	9	DS	Gravity	200
Story2	F9	10	DS	Gravity	200
Story2	F10	11	DS	Gravity	200
Story2	F11	12	DS	Gravity	200
Story2	F12	13	DS	Gravity	200
Story2	F13	14	DS	Gravity	200
Story2	F14	15	DS	Gravity	200
Story2	F15	16	DS	Gravity	200
Story2	F16	17	DS	Gravity	200
Story2	F17	18	DS	Gravity	200
Story2	F18	19	DS	Gravity	200
Story2	F19	20	DS	Gravity	200
Story2	F20	21	DS	Gravity	200
Story2	F21	22	DS	Gravity	200
Story2	F22	23	DS	Gravity	200
Story2	F23	24	DS	Gravity	200
Story2	F78	79	DS	Gravity	200
Story2	F79	80	DS	Gravity	200
Story2	F80	81	DS	Gravity	200
Story2	F81	82	DS	Gravity	200
Story2	F92	25	DS	Gravity	200
Story2	F93	26	DS	Gravity	200
Story2	F94	27	DS	Gravity	200
Story2	F95	28	DS	Gravity	200
Story2	F96	29	DS	Gravity	200

Loads

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
Story2	F97	30	DS	Gravity	200
Story2	F98	31	DS	Gravity	200
Story2	F99	32	DS	Gravity	200
Story2	F100	33	DS	Gravity	200
Story2	F101	34	DS	Gravity	200
Story2	F102	75	DS	Gravity	200
Story2	F103	76	DS	Gravity	200
Story2	F1	1	DS	Gravity	200
Story2	F2	2	DS	Gravity	200
Story2	F3	3	DS	Gravity	200
Story2	F24	4	DS	Gravity	200
Story2	F25	35	DS	Gravity	200
Story2	F26	36	DS	Gravity	200
Story2	F27	37	DS	Gravity	200
Story2	F28	38	DS	Gravity	200
Story2	F29	39	DS	Gravity	200
Story2	F30	40	DS	Gravity	200
Story2	F33	44	DS	Gravity	200
Story2	F34	45	DS	Gravity	200
Story2	F35	46	DS	Gravity	200
Story2	F36	47	DS	Gravity	200
Story2	F37	48	DS	Gravity	200
Story2	F38	49	DS	Gravity	200
Story2	F39	50	DS	Gravity	200
Story2	F40	51	DS	Gravity	200
Story2	F41	52	DS	Gravity	200
Story2	F42	53	DS	Gravity	200
Story2	F43	54	DS	Gravity	200
Story2	F44	55	DS	Gravity	200
Story2	F45	56	DS	Gravity	200
Story2	F46	57	DS	Gravity	200
Story2	F47	58	DS	Gravity	200
Story2	F48	59	DS	Gravity	200
Story2	F49	60	DS	Gravity	200
Story2	F50	61	DS	Gravity	200
Story2	F51	62	DS	Gravity	200
Story2	F52	63	DS	Gravity	200
Story2	F53	64	DS	Gravity	200
Story2	F54	65	DS	Gravity	200
Story2	F55	66	DS	Gravity	200
Story2	F58	69	DS	Gravity	200
Story2	F59	70	DS	Gravity	200
Story2	F60	71	DS	Gravity	200
Story2	F61	72	DS	Gravity	200
Story2	F62	73	DS	Gravity	200
Story2	F63	74	DS	Gravity	200
Story2	F64	77	DS	Gravity	200
Story2	F65	78	DS	Gravity	200
Story2	F69	86	DS	Gravity	200
Story2	F70	87	DS	Gravity	200
Story2	F71	88	DS	Gravity	200
Story2	F72	89	DS	Gravity	200
Story2	F73	90	DS	Gravity	200
Story2	F74	91	DS	Gravity	200
Story2	F75	92	DS	Gravity	200
Story2	F76	93	DS	Gravity	200
Story2	F77	94	DS	Gravity	200

2.4 Functions

Loads

2.4.1 Response Spectrum Functions

Table 2.7 - Functions - Response Spectrum - Columbia NSR-10

Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
SAN DIEGO	0	0.5	0.1	0.1	0.05	0.03	3	1.6	2.4	0.05
SAN DIEGO	0.1	0.5								
SAN DIEGO	0.2	0.5								
SAN DIEGO	0.3	0.5								
SAN DIEGO	0.4	0.5								
SAN DIEGO	0.5	0.5								
SAN DIEGO	0.6	0.5								
SAN DIEGO	0.7	0.5								
SAN DIEGO	0.8	0.45								
SAN DIEGO	0.9	0.4								
SAN DIEGO	1	0.36								
SAN DIEGO	1.2	0.3								
SAN DIEGO	1.5	0.24								
SAN DIEGO	1.7	0.211765								
SAN DIEGO	2	0.18								
SAN DIEGO	2.5	0.144								
SAN DIEGO	3	0.12								
SAN DIEGO	3.5	0.102857								
SAN DIEGO	4	0.09								
SAN DIEGO	5	0.072								
SAN DIEGO	8	0.0324								
SAN DIEGO	11	0.017137								
SAN DIEGO	15	0.009216								

Table 2.8 - Functions - Response Spectrum - User Defined

Name	Period sec	Value	Damping Ratio
UMBRAL DE DAÑO	0	0.03	0.05
UMBRAL DE DAÑO	0.25	0.09	
UMBRAL DE DAÑO	1.5	0.09	
UMBRAL DE DAÑO	2.1	0.064	
UMBRAL DE DAÑO	2.3	0.059	
UMBRAL DE DAÑO	2.5	0.054	
UMBRAL DE DAÑO	3	0.045	
UMBRAL DE DAÑO	3.5	0.039	
UMBRAL DE DAÑO	4	0.034	
UMBRAL DE DAÑO	4.5	0.03	
UMBRAL DE DAÑO	5	0.027	
UMBRAL DE DAÑO	5.5	0.025	
UMBRAL DE DAÑO	6	0.023	
UMBRAL DE DAÑO	6.5	0.021	
UMBRAL DE DAÑO	7.2	0.019	

2.4.2 Time History Functions

Table 2.9 - Functions - Time History - User Defined

Name	Time sec	Value
RampTH	0	0
RampTH	1	1
RampTH	4	1
UnifTH	0	1
UnifTH	1	1

2.5 Load Cases

Loads

Table 2.10 - Load Case Definitions - Summary

Name	Type
Modal	Modal - Eigen
Dead	Linear Static
Live	Linear Static
SX	Response Spectrum
SY	Response Spectrum
SXEST	Linear Static
SYEST	Linear Static
DS	Linear Static
W1	Linear Static
W2	Linear Static
SX-UMBRAL	Response Spectrum
SY-UMBRAL	Response Spectrum
SX-UMBRAL-EST	Linear Static
SY-UMBRAL-EST	Linear Static

2.6 Load Combinations

Table 2.11 - Load Combination Definitions

Name	Type	Is Auto	Load Name	SF	Notes
CIM 0,6D	Linear Add	No	Dead	0.6	
CIM 0,6D			DS	0.6	
CIM 0,6D+0.7SX	Linear Add	No	Dead	0.6	
CIM 0,6D+0.7SX			SX	0.7	
CIM 0,6D+0.7SX			DS	0.6	
CIM 0,6D+0.7SY	Linear Add	No	Dead	0.6	
CIM 0,6D+0.7SY			SY	0.7	
CIM 0,6D+0.7SY			DS	0.6	
CIM 1.0D	Linear Add	No	Dead	1	
CIM 1.0D			DS	1	
CIM 1.0D+0.7SX	Linear Add	No	Dead	1	
CIM 1.0D+0.7SX			SX	0.7	
CIM 1.0D+0.7SX			DS	1	
CIM 1.0D+0.7SY	Linear Add	No	Dead	1	
CIM 1.0D+0.7SY			SY	0.7	
CIM 1.0D+0.7SY			DS	1	
CIM 1.0D+0.75L+0.5SX	Linear Add	No	Dead	1	
CIM 1.0D+0.75L+0.5SX			Live	0.75	
CIM 1.0D+0.75L+0.5SX			SX	0.5	
CIM 1.0D+0.75L+0.5SX			DS	1	
CIM 1.0D+0.75L+0.5SY	Linear Add	No	Dead	1	
CIM 1.0D+0.75L+0.5SY			Live	0.75	
CIM 1.0D+0.75L+0.5SY			SY	0.5	
CIM 1.0D+0.75L+0.5SY			DS	1	
CIM 1.0D+1.0L	Linear Add	No	Dead	1	
CIM 1.0D+1.0L			Live	1	
CIM 1.0D+1.0L			DS	1	
DES 0.6D+1.0SX	Linear Add	No	Dead	0.6	
DES 0.6D+1.0SX			SX	1	
DES 0.6D+1.0SX			DS	0.6	
DES 0.6D+1.0SY	Linear Add	No	Dead	0.6	
DES 0.6D+1.0SY			SY	1	
DES 0.6D+1.0SY			DS	0.6	
DES 1.0D+0.75L+0.75SX	Linear Add	No	Dead	1	
DES 1.0D+0.75L+0.75SX			Live	0.75	
DES 1.0D+0.75L+0.75SX			SX	0.75	
DES 1.0D+0.75L+0.75SX			DS	1	
DES 1.0D+0.75L+0.75SY	Linear Add	No	Dead	1	
DES 1.0D+0.75L+0.75SY			Live	0.75	

Loads

Name	Type	Is Auto	Load Name	SF	Notes
DES 1.0D+0.75L+0.75SY			SY	0.75	
DES 1.0D+0.75L+0.75SY			DS	1	
DES 1.0D+1.0SX	Linear Add	No	Dead	1	
DES 1.0D+1.0SX			SX	1	
DES 1.0D+1.0SX			DS	1	
DES 1.0D+1.0SY	Linear Add	No	Dead	1	
DES 1.0D+1.0SY			SY	1	
DES 1.0D+1.0SY			DS	1	
ELS 0.6D+0.7SX	Linear Add	No	Dead	0.6	
ELS 0.6D+0.7SX			SX	0.7	
ELS 0.6D+0.7SX			DS	0.6	
ELS 0.6D+0.7SY	Linear Add	No	Dead	0.6	
ELS 0.6D+0.7SY			SY	0.7	
ELS 0.6D+0.7SY			DS	0.6	
ELS 0.6D+1.0H	Linear Add	No	Dead	0.6	
ELS 0.6D+1.0H			DS	0.6	
ELS 0.6D+1.0H+0.7SX	Linear Add	No	Dead	0.6	
ELS 0.6D+1.0H+0.7SX			DS	0.6	
ELS 0.6D+1.0H+0.7SX			SX	0.7	
ELS 0.6D+1.0H+0.7SY	Linear Add	No	Dead	0.6	
ELS 0.6D+1.0H+0.7SY			DS	0.6	
ELS 0.6D+1.0H+0.7SY			SY	0.7	
ELS 0.6D+1.0W1	Linear Add	No	Dead	0.6	
ELS 0.6D+1.0W1			W1	1	
ELS 0.6D+1.0W1			DS	0.6	
ELS 0.6D+1.0W2	Linear Add	No	Dead	0.6	
ELS 0.6D+1.0W2			W2	1	
ELS 0.6D+1.0W2			DS	0.6	
ELS 1.0D	Linear Add	No	Dead	1	
ELS 1.0D			DS	1	
ELS 1.0D+0.7SX	Linear Add	No	Dead	1	
ELS 1.0D+0.7SX			SX	0.7	
ELS 1.0D+0.7SX			DS	1	
ELS 1.0D+0.7SY	Linear Add	No	Dead	1	
ELS 1.0D+0.7SY			SY	0.7	
ELS 1.0D+0.7SY			DS	1	
ELS 1.0D+0.75L	Linear Add	No	Dead	1	
ELS 1.0D+0.75L			Live	0.75	
ELS 1.0D+0.75L			DS	1	
ELS 1.0D+0.75L+0.525SX	Linear Add	No	Dead	1	
ELS 1.0D+0.75L+0.525SX			Live	0.75	
ELS 1.0D+0.75L+0.525SX			SX	0.525	
ELS 1.0D+0.75L+0.525SX			DS	1	
ELS 1.0D+0.75L+0.525SY	Linear Add	No	Dead	1	
ELS 1.0D+0.75L+0.525SY			Live	0.75	
ELS 1.0D+0.75L+0.525SY			SY	0.525	
ELS 1.0D+0.75L+0.525SY			DS	1	
ELS 1.0D+0.75W1+0.75L	Linear Add	No	Dead	1	
ELS 1.0D+0.75W1+0.75L			W1	0.75	
ELS 1.0D+0.75W1+0.75L			DS	1	
ELS 1.0D+0.75W1+0.75L			Live	0.75	
ELS 1.0D+0.75W2+0.75L	Linear Add	No	Dead	1	
ELS 1.0D+0.75W2+0.75L			W2	0.75	
ELS 1.0D+0.75W2+0.75L			DS	1	
ELS 1.0D+0.75W2+0.75L			Live	0.75	
ELS 1.0D+1.0H	Linear Add	No	Dead	1	
ELS 1.0D+1.0H			DS	1	
ELS 1.0D+1.0H+0.7SX	Linear Add	No	Dead	1	
ELS 1.0D+1.0H+0.7SX			DS	1	
ELS 1.0D+1.0H+0.7SX			SX	0.7	

Loads

Name	Type	Is Auto	Load Name	SF	Notes
ELS 1.0D+1.0H+0.7SY	Linear Add	No	Dead	1	
ELS 1.0D+1.0H+0.7SY			DS	1	
ELS 1.0D+1.0H+0.7SY			SY	0.7	
ELS 1.0D+1.0H+0.75L	Linear Add	No	Dead	1	
ELS 1.0D+1.0H+0.75L			DS	1	
ELS 1.0D+1.0H+0.75L			Live	0.75	
ELS 1.0D+1.0H+0.75L+0.525SX	Linear Add	No	Dead	1	
ELS 1.0D+1.0H+0.75L+0.525SX			DS	1	
ELS 1.0D+1.0H+0.75L+0.525SX			Live	0.75	
ELS 1.0D+1.0H+0.75L+0.525SX			SX	0.525	
ELS 1.0D+1.0H+0.75L+0.525SY	Linear Add	No	Dead	1	
ELS 1.0D+1.0H+0.75L+0.525SY			DS	1	
ELS 1.0D+1.0H+0.75L+0.525SY			Live	0.75	
ELS 1.0D+1.0H+0.75L+0.525SY			SY	0.525	
ELS 1.0D+1.0H+1.0L	Linear Add	No	Dead	1	
ELS 1.0D+1.0H+1.0L			DS	1	
ELS 1.0D+1.0H+1.0L			Live	1	
ELS 1.0D+1.0L	Linear Add	No	Dead	1	
ELS 1.0D+1.0L			Live	1	
ELS 1.0D+1.0L			DS	1	
ELS 1.0D+1.0W1	Linear Add	No	Dead	1	
ELS 1.0D+1.0W1			W1	1	
ELS 1.0D+1.0W1			DS	1	
ELS 1.0D+1.0W2	Linear Add	No	Dead	1	
ELS 1.0D+1.0W2			W2	1	
ELS 1.0D+1.0W2			DS	1	
ELU 0.9D	Linear Add	No	Dead	0.9	
ELU 0.9D			DS	0.9	
ELU 0.9D-1.0SX-0.3SY	Linear Add	No	Dead	0.9	
ELU 0.9D-1.0SX-0.3SY			SX	-1	
ELU 0.9D-1.0SX-0.3SY			SY	-0.3	
ELU 0.9D-1.0SX-0.3SY			DS	0.9	
ELU 0.9D-1.0SX+0.3SY	Linear Add	No	Dead	0.9	
ELU 0.9D-1.0SX+0.3SY			SX	-1	
ELU 0.9D-1.0SX+0.3SY			SY	0.3	
ELU 0.9D-1.0SX+0.3SY			DS	0.9	
ELU 0.9D-1.0SY-0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D-1.0SY-0.3SX			SY	-1	
ELU 0.9D-1.0SY-0.3SX			SX	-0.3	
ELU 0.9D-1.0SY-0.3SX			DS	0.9	
ELU 0.9D-1.0SY+0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D-1.0SY+0.3SX			SY	-1	
ELU 0.9D-1.0SY+0.3SX			SX	0.3	
ELU 0.9D-1.0SY+0.3SX			DS	0.9	
ELU 0.9D+1.0SX-0.3SY	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SX-0.3SY			SX	1	
ELU 0.9D+1.0SX-0.3SY			SY	-0.3	
ELU 0.9D+1.0SX-0.3SY			DS	0.9	
ELU 0.9D+1.0SX+0.3SY	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SX+0.3SY			SX	1	
ELU 0.9D+1.0SX+0.3SY			SY	0.3	
ELU 0.9D+1.0SX+0.3SY			DS	0.9	
ELU 0.9D+1.0SY-0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SY-0.3SX			SY	1	
ELU 0.9D+1.0SY-0.3SX			SX	-0.3	
ELU 0.9D+1.0SY-0.3SX			DS	0.9	
ELU 0.9D+1.0SY+0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SY+0.3SX			SY	1	
ELU 0.9D+1.0SY+0.3SX			SX	0.3	
ELU 0.9D+1.0SY+0.3SX			DS	0.9	

Loads

Name	Type	Is Auto	Load Name	SF	Notes
ELU 0.9D+1.6H	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6H			DS	0.9	
ELU 0.9D+1.6H+1.0SX	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6H+1.0SX			DS	0.9	
ELU 0.9D+1.6H+1.0SX			SX	1	
ELU 0.9D+1.6H+1.0SY	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6H+1.0SY			DS	0.9	
ELU 0.9D+1.6H+1.0SY			SY	1	
ELU 0.9D+1.6W1	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6W1			W1	1.6	
ELU 0.9D+1.6W1			DS	0.9	
ELU 0.9D+1.6W2	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6W2			W2	1.6	
ELU 0.9D+1.6W2			DS	0.9	
ELU 1.2D+0.8W1	Linear Add	No	Dead	1.2	
ELU 1.2D+0.8W1			W1	0.8	
ELU 1.2D+0.8W1			DS	1.2	
ELU 1.2D+0.8W2	Linear Add	No	Dead	1.2	
ELU 1.2D+0.8W2			W2	0.8	
ELU 1.2D+0.8W2			DS	1.2	
ELU 1.2D+1.0L-1.0SX-0.3SY	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L-1.0SX-0.3SY			Live	1	
ELU 1.2D+1.0L-1.0SX-0.3SY			SX	-1	
ELU 1.2D+1.0L-1.0SX-0.3SY			SY	-0.3	
ELU 1.2D+1.0L-1.0SX-0.3SY			DS	1.2	
ELU 1.2D+1.0L-1.0SX+0.3SY	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L-1.0SX+0.3SY			Live	1	
ELU 1.2D+1.0L-1.0SX+0.3SY			SX	-1	
ELU 1.2D+1.0L-1.0SX+0.3SY			SY	0.3	
ELU 1.2D+1.0L-1.0SX+0.3SY			DS	1.2	
ELU 1.2D+1.0L-1.0SY-0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L-1.0SY-0.3SX			Live	1	
ELU 1.2D+1.0L-1.0SY-0.3SX			SY	-1	
ELU 1.2D+1.0L-1.0SY-0.3SX			SX	-0.3	
ELU 1.2D+1.0L-1.0SY-0.3SX			DS	1.2	
ELU 1.2D+1.0L-1.0SY+0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L-1.0SY+0.3SX			Live	1	
ELU 1.2D+1.0L-1.0SY+0.3SX			SY	-1	
ELU 1.2D+1.0L-1.0SY+0.3SX			SX	0.3	
ELU 1.2D+1.0L-1.0SY+0.3SX			DS	1.2	
ELU 1.2D+1.0L+1.0SX-0.3SY	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SX-0.3SY			Live	1	
ELU 1.2D+1.0L+1.0SX-0.3SY			SX	1	
ELU 1.2D+1.0L+1.0SX-0.3SY			SY	-0.3	
ELU 1.2D+1.0L+1.0SX-0.3SY			DS	1.2	
ELU 1.2D+1.0L+1.0SX+0.3SY	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SX+0.3SY			Live	1	
ELU 1.2D+1.0L+1.0SX+0.3SY			SX	1	
ELU 1.2D+1.0L+1.0SX+0.3SY			SY	0.3	
ELU 1.2D+1.0L+1.0SX+0.3SY			DS	1.2	
ELU 1.2D+1.0L+1.0SY-0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SY-0.3SX			Live	1	
ELU 1.2D+1.0L+1.0SY-0.3SX			SY	1	
ELU 1.2D+1.0L+1.0SY-0.3SX			SX	-0.3	
ELU 1.2D+1.0L+1.0SY-0.3SX			DS	1.2	
ELU 1.2D+1.0L+1.0SY+0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SY+0.3SX			Live	1	
ELU 1.2D+1.0L+1.0SY+0.3SX			SY	1	
ELU 1.2D+1.0L+1.0SY+0.3SX			SX	0.3	
ELU 1.2D+1.0L+1.0SY+0.3SX			DS	1.2	

Loads

Name	Type	Is Auto	Load Name	SF	Notes
ELU 1.2D+1.6H	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6H			DS	1.2	
ELU 1.2D+1.6L	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6L			Live	1.6	
ELU 1.2D+1.6L			DS	1.2	
ELU 1.2D+1.6W1+1.0L	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6W1+1.0L			W1	1.6	
ELU 1.2D+1.6W1+1.0L			DS	1.2	
ELU 1.2D+1.6W1+1.0L			Live	1	
ELU 1.2D+1.6W2+1.0L	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6W2+1.0L			W2	1.6	
ELU 1.2D+1.6W2+1.0L			DS	1.2	
ELU 1.2D+1.6W2+1.0L			Live	1	
ELU 1.4D	Linear Add	No	Dead	1.4	
ELU 1.4D			DS	1.4	

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m	X m
Dead	LinStatic		0	0	316.39	3821.96	-3087.93	0	0
Live	LinStatic		0	0	101.03	1219.57	-996.06	0	0
SX	LinRespSpec	Max	56.59	0.41	0	1.79	243.42	678.26	0
SY	LinRespSpec	Max	0.31	42.47	0	182.79	1.34	423.32	0
SXEST	LinStatic		-213.04	0	0	0	-917.11	2571.59	0
SYEST	LinStatic		0	-213.04	0	917.11	0	-2087.72	0
DS	LinStatic		0	0	101.03	1219.57	-996.06	0	0
W1	LinStatic		0	0	0	0	0	0	0
W2	LinStatic		0	0	0	0	0	0	0
SX-UMBRAL	LinRespSpec	Max	34.38	0.25	0	1.09	147.88	412.05	0
SY-UMBRAL	LinRespSpec	Max	0.25	34.4	0	148.06	1.09	342.89	0
SX-UMBRAL-EST	LinStatic		-38.35	0	0	0	-165.08	462.89	0
SY-UMBRAL-EST	LinStatic		0	-38.35	0	165.08	0	-375.79	0
ELS 1.0D	Combination		0	0	417.41	5041.53	-4083.99	0	0
ELS 1.0D+1.0L	Combination		0	0	518.44	6261.1	-5080.05	0	0
ELS 1.0D+0.75L	Combination		0	0	493.18	5956.21	-4831.04	0	0
ELS 1.0D+0.7SX	Combination	Max	39.61	0.29	417.41	5042.78	-3913.59	474.78	0
ELS 1.0D+0.7SX	Combination	Min	-39.61	-0.29	417.41	5040.28	-4254.39	-474.78	0
ELS 1.0D+0.7SY	Combination	Max	0.22	29.73	417.41	5169.48	-4083.05	296.32	0
ELS 1.0D+0.7SY	Combination	Min	-0.22	-29.73	417.41	4913.58	-4084.93	-296.32	0
ELS 1.0D+0.75L+0.525SX	Combination	Max	29.71	0.22	493.18	5957.14	-4703.24	356.09	0
ELS 1.0D+0.75L+0.525SX	Combination	Min	-29.71	-0.22	493.18	5955.27	-4958.83	-356.09	0
ELS 1.0D+0.75L+0.525SY	Combination	Max	0.16	22.3	493.18	6052.17	-4830.33	222.24	0
ELS 1.0D+0.75L+0.525SY	Combination	Min	-0.16	-22.3	493.18	5860.24	-4831.74	-222.24	0
ELS 0.6D+0.7SX	Combination	Max	39.61	0.29	250.45	3026.17	-2280	474.78	0
ELS 0.6D+0.7SX	Combination	Min	-39.61	-0.29	250.45	3023.67	-2260.79	-474.78	0
ELS 0.6D+0.7SY	Combination	Max	0.22	29.73	250.45	3152.87	-2449.45	296.32	0
ELS 0.6D+0.7SY	Combination	Min	-0.22	-29.73	250.45	2896.96	-2451.33	-296.32	0
ELU 1.4D	Combination		0	0	584.38	7058.14	-5717.59	0	0
ELU 1.2D+1.6L	Combination		0	0	662.54	8001.15	-6494.49	0	0
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	56.68	13.16	601.92	7326.03	-5653.02	805.26	0
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	-56.68	-13.16	601.92	7212.78	-6140.68	-805.26	0
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	17.29	42.6	601.92	7452.73	-5822.48	626.79	0
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	-17.29	-42.6	601.92	7086.08	-5971.22	-626.79	0
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	56.68	13.16	601.92	7326.03	-5653.02	805.26	0
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	-56.68	-13.16	601.92	7212.78	-6140.68	-805.26	0
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	17.29	42.6	601.92	7452.73	-5822.48	626.79	0
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	-17.29	-42.6	601.92	7086.08	-5971.22	-626.79	0
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	56.68	13.16	601.92	7326.03	-5653.02	805.26	0
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	-56.68	-13.16	601.92	7212.78	-6140.68	-805.26	0
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	17.29	42.6	601.92	7452.73	-5822.48	626.79	0
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	-17.29	-42.6	601.92	7086.08	-5971.22	-626.79	0
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	56.68	13.16	601.92	7326.03	-5653.02	805.26	0
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	-56.68	-13.16	601.92	7212.78	-6140.68	-805.26	0
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	17.29	42.6	601.92	7452.73	-5822.48	626.79	0
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	-17.29	-42.6	601.92	7086.08	-5971.22	-626.79	0
ELU 0.9D	Combination		0	0	375.67	4537.38	-3675.59	0	0
ELU 0.9D+1.0SX+0.3SY	Combination	Max	56.68	13.16	375.67	4594	-3431.76	805.26	0
ELU 0.9D+1.0SX+0.3SY	Combination	Min	-56.68	-13.16	375.67	4480.75	-3919.42	-805.26	0
ELU 0.9D+1.0SY+0.3SX	Combination	Max	17.29	42.6	375.67	4720.7	-3601.22	626.79	0
ELU 0.9D+1.0SY+0.3SX	Combination	Min	-17.29	-42.6	375.67	4354.05	-3749.96	-626.79	0
ELU 0.9D+1.0SX-0.3SY	Combination	Max	56.68	13.16	375.67	4594	-3431.76	805.26	0
ELU 0.9D+1.0SX-0.3SY	Combination	Min	-56.68	-13.16	375.67	4480.75	-3919.42	-805.26	0

Analysis Results

Output Case	Case Type	Step Type	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m	X m
ELU 0.9D+1.0SY-0.3SX	Combination	Max	17.29	42.6	375.67	4720.7	-3601.22	626.79	0
ELU 0.9D+1.0SY-0.3SX	Combination	Min	-17.29	-42.6	375.67	4354.05	-3749.96	-626.79	0
ELU 0.9D-1.0SX+0.3SY	Combination	Max	56.68	13.16	375.67	4594	-3431.76	805.26	0
ELU 0.9D-1.0SX+0.3SY	Combination	Min	-56.68	-13.16	375.67	4480.75	-3919.42	-805.26	0
ELU 0.9D-1.0SY+0.3SX	Combination	Max	17.29	42.6	375.67	4720.7	-3601.22	626.79	0
ELU 0.9D-1.0SY+0.3SX	Combination	Min	-17.29	-42.6	375.67	4354.05	-3749.96	-626.79	0
ELU 0.9D-1.0SX-0.3SY	Combination	Max	56.68	13.16	375.67	4594	-3431.76	805.26	0
ELU 0.9D-1.0SX-0.3SY	Combination	Min	-56.68	-13.16	375.67	4480.75	-3919.42	-805.26	0
ELU 0.9D-1.0SY-0.3SX	Combination	Max	17.29	42.6	375.67	4720.7	-3601.22	626.79	0
ELU 0.9D-1.0SY-0.3SX	Combination	Min	-17.29	-42.6	375.67	4354.05	-3749.96	-626.79	0
CIM 1.0D	Combination		0	0	417.41	5041.53	-4083.99	0	0
CIM 1.0D+1.0L	Combination		0	0	518.44	6261.1	-5080.05	0	0
CIM 0.6D	Combination		0	0	250.45	3024.92	-2450.39	0	0
CIM 0.6D+0.7SX	Combination	Max	39.61	0.29	250.45	3026.17	-2280	474.78	0
CIM 0.6D+0.7SX	Combination	Min	-39.61	-0.29	250.45	3023.67	-2620.79	-474.78	0
CIM 0.6D+0.7SY	Combination	Max	0.22	29.73	250.45	3152.87	-2449.45	296.32	0
CIM 0.6D+0.7SY	Combination	Min	-0.22	-29.73	250.45	2896.96	-2451.33	-296.32	0
CIM 1.0D+0.7SX	Combination	Max	39.61	0.29	417.41	5042.78	-3913.59	474.78	0
CIM 1.0D+0.7SX	Combination	Min	-39.61	-0.29	417.41	5040.28	-4254.39	-474.78	0
CIM 1.0D+0.7SY	Combination	Max	0.22	29.73	417.41	5169.48	-4083.05	296.32	0
CIM 1.0D+0.7SY	Combination	Min	-0.22	-29.73	417.41	4913.58	-4084.93	-296.32	0
CIM 1.0D+0.75L+0.5SX	Combination	Max	28.29	0.21	493.18	5957.1	-4709.32	339.13	0
CIM 1.0D+0.75L+0.5SX	Combination	Min	-28.29	-0.21	493.18	5955.31	-4952.75	-339.13	0
CIM 1.0D+0.75L+0.5SY	Combination	Max	0.16	21.24	493.18	6047.6	-4830.37	211.66	0
CIM 1.0D+0.75L+0.5SY	Combination	Min	-0.16	-21.24	493.18	5864.81	-4831.71	-211.66	0
DES 1.0D+1.0SX	Combination	Max	56.59	0.41	417.41	5043.32	-3840.57	678.26	0
DES 1.0D+1.0SX	Combination	Min	-56.59	-0.41	417.41	5039.74	-4327.41	-678.26	0
DES 1.0D+1.0SY	Combination	Max	0.31	42.47	417.41	5224.32	-4082.65	423.32	0
DES 1.0D+1.0SY	Combination	Min	-0.31	-42.47	417.41	4858.74	-4085.33	-423.32	0
DES 1.0D+0.75L+0.75SX	Combination	Max	42.44	0.31	493.18	5957.55	-4648.47	508.7	0
DES 1.0D+0.75L+0.75SX	Combination	Min	-42.44	-0.31	493.18	5954.87	-5013.61	-508.7	0
DES 1.0D+0.75L+0.75SY	Combination	Max	0.23	31.86	493.18	6093.3	-4830.03	317.49	0
DES 1.0D+0.75L+0.75SY	Combination	Min	-0.23	-31.86	493.18	5819.11	-4832.04	-317.49	0
DES 0.6D+1.0SX	Combination	Max	56.59	0.41	250.45	3026.7	-2206.97	678.26	0
DES 0.6D+1.0SX	Combination	Min	-56.59	-0.41	250.45	3023.13	-2693.82	-678.26	0
DES 0.6D+1.0SY	Combination	Max	0.31	42.47	250.45	3207.71	-2449.05	423.32	0
DES 0.6D+1.0SY	Combination	Min	-0.31	-42.47	250.45	2842.13	-2451.73	-423.32	0
ELS 1.0D+1.0W1	Combination		0	0	417.41	5041.53	-4083.99	0	0
ELS 1.0D+1.0W2	Combination		0	0	417.41	5041.53	-4083.99	0	0
ELS 1.0D+0.75W1+0.75L	Combination		0	0	493.18	5956.21	-4831.04	0	0
ELS 1.0D+0.75W2+0.75L	Combination		0	0	493.18	5956.21	-4831.04	0	0
ELS 0.6D+1.0W1	Combination		0	0	250.45	3024.92	-2450.39	0	0
ELS 0.6D+1.0W2	Combination		0	0	250.45	3024.92	-2450.39	0	0
ELU 1.2D+0.8W1	Combination		0	0	500.89	6049.83	-4900.79	0	0
ELU 1.2D+0.8W2	Combination		0	0	500.89	6049.83	-4900.79	0	0
ELU 0.9D+1.6W1	Combination		0	0	375.67	4537.38	-3675.59	0	0
ELU 0.9D+1.6W2	Combination		0	0	375.67	4537.38	-3675.59	0	0
ELU 1.2D+1.6W1+1.0L	Combination		0	0	601.92	7269.4	-5896.85	0	0
ELU 1.2D+1.6W2+1.0L	Combination		0	0	601.92	7269.4	-5896.85	0	0

Table 3.1 - Base Reactions (Part 2 of 2)

Y m	Z m
0	0
0	0
0	0
0	0
0	0
0	0

Analysis Results

[illegible]

Analysis Results

[illegible]

3.2 Story Results

Table 3.2 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	Dead	LinStatic		X	0.00064	4	17.74	23.58	4.35
Story2	Dead	LinStatic		Y	0.00104	23	8.82	0	4.35
Story2	Live	LinStatic		X	0.000325	4	17.74	23.58	4.35
Story2	Live	LinStatic		Y	0.000472	23	8.82	0	4.35
Story2	SX	LinRespSpec	Max	X	0.00103	4	17.74	23.58	4.35
Story2	SY	LinRespSpec	Max	Y	0.001009	24	12.71	0	4.35
Story2	SXEST	LinStatic		X	0.0039	4	17.74	23.58	4.35
Story2	SYEST	LinStatic		Y	0.005063	23	8.82	0	4.35
Story2	DS	LinStatic		X	0.000325	4	17.74	23.58	4.35
Story2	DS	LinStatic		Y	0.000472	23	8.82	0	4.35
Story2	SX-UMBRAL	LinRespSpec	Max	X	0.000626	4	17.74	23.58	4.35
Story2	SY-UMBRAL	LinRespSpec	Max	Y	0.000817	24	12.71	0	4.35
Story2	SX-UMBRAL-EST	LinStatic		X	0.000702	4	17.74	23.58	4.35
Story2	SY-UMBRAL-EST	LinStatic		Y	0.000911	23	8.82	0	4.35
Story2	ELS 1.0D	Combination		X	0.000965	4	17.74	23.58	4.35
Story2	ELS 1.0D	Combination		Y	0.001512	23	8.82	0	4.35
Story2	ELS 1.0D+1.0L	Combination		X	0.00129	4	17.74	23.58	4.35

Analysis Results

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	ELS 1.0D+1.0L	Combination		Y	0.001984	23	8.82	0	4.35
Story2	ELS 1.0D+0.75L	Combination		X	0.001209	4	17.74	23.58	4.35
Story2	ELS 1.0D+0.75L	Combination		Y	0.001866	23	8.82	0	4.35
Story2	ELS 1.0D+0.7SX	Combination	Max	X	0.001627	3	11.06	23.58	4.35
Story2	ELS 1.0D+0.7SX	Combination	Max	Y	0.001519	23	8.82	0	4.35
Story2	ELS 1.0D+0.7SX	Combination	Min	X	0.001686	4	17.74	23.58	4.35
Story2	ELS 1.0D+0.7SX	Combination	Min	Y	0.001505	23	8.82	0	4.35
Story2	ELS 1.0D+0.7SY	Combination	Max	Y	0.002218	23	8.82	0	4.35
Story2	ELS 1.0D+0.7SY	Combination	Min	Y	0.001946	6	3.69	18.62	4.35
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max	X	0.001688	3	11.06	23.58	4.35
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max	Y	0.001871	23	8.82	0	4.35
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min	X	0.00175	4	17.74	23.58	4.35
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min	Y	0.00186	23	8.82	0	4.35
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max	Y	0.002395	23	8.82	0	4.35
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min	X	0.001228	4	17.74	23.58	4.35
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min	Y	0.002065	6	3.69	18.62	4.35
Story2	ELS 0.6D+0.7SX	Combination	Max	X	0.001254	3	11.06	23.58	4.35
Story2	ELS 0.6D+0.7SX	Combination	Max	Y	0.000914	23	8.82	0	4.35
Story2	ELS 0.6D+0.7SX	Combination	Min	X	0.0013	4	17.74	23.58	4.35
Story2	ELS 0.6D+0.7SY	Combination	Max	Y	0.001613	23	8.82	0	4.35
Story2	ELS 0.6D+0.7SY	Combination	Min	Y	0.001443	6	3.69	18.62	4.35
Story2	ELU 1.4D	Combination		X	0.001351	4	17.74	23.58	4.35
Story2	ELU 1.4D	Combination		Y	0.002116	23	8.82	0	4.35
Story2	ELU 1.2D+1.6L	Combination		X	0.001678	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.6L	Combination		Y	0.002569	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.002437	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.002598	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.002525	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.002229	6	3.69	18.62	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.00177	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.003298	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.00183	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.002892	6	3.69	18.62	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.002437	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.002598	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.002525	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.002229	6	3.69	18.62	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.00177	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.003298	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.00183	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.002892	6	3.69	18.62	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.002437	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.002598	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.002525	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.002229	6	3.69	18.62	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.00177	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.003298	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.00183	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.002892	6	3.69	18.62	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.002437	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.002598	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.002525	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.002229	6	3.69	18.62	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.00177	3	11.06	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.003298	23	8.82	0	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.00183	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.002892	6	3.69	18.62	4.35
Story2	ELU 0.9D	Combination		X	0.000868	4	17.74	23.58	4.35
Story2	ELU 0.9D	Combination		Y	0.00136	23	8.82	0	4.35
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max	X	0.001844	3	11.06	23.58	4.35

Analysis Results

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Y	0.001673	23	8.82	0	4.35
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min	X	0.00191	4	17.74	23.58	4.35
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Y	0.001464	6	3.69	18.62	4.35
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max	X	0.001177	3	11.06	23.58	4.35
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Y	0.002372	23	8.82	0	4.35
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min	X	0.001215	4	17.74	23.58	4.35
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Y	0.002126	6	3.69	18.62	4.35
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max	X	0.001844	3	11.06	23.58	4.35
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Y	0.001673	23	8.82	0	4.35
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min	X	0.00191	4	17.74	23.58	4.35
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Y	0.001464	6	3.69	18.62	4.35
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max	X	0.001177	3	11.06	23.58	4.35
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Y	0.002372	23	8.82	0	4.35
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min	X	0.001215	4	17.74	23.58	4.35
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Y	0.002126	6	3.69	18.62	4.35
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max	X	0.001844	3	11.06	23.58	4.35
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Y	0.001673	23	8.82	0	4.35
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min	X	0.00191	4	17.74	23.58	4.35
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Y	0.001464	6	3.69	18.62	4.35
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max	X	0.001177	3	11.06	23.58	4.35
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Y	0.002372	23	8.82	0	4.35
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min	X	0.001215	4	17.74	23.58	4.35
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Y	0.002126	6	3.69	18.62	4.35
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max	X	0.001844	3	11.06	23.58	4.35
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Y	0.001673	23	8.82	0	4.35
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min	X	0.00191	4	17.74	23.58	4.35
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Y	0.001464	6	3.69	18.62	4.35
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max	X	0.001177	3	11.06	23.58	4.35
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Y	0.002372	23	8.82	0	4.35
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min	X	0.001215	4	17.74	23.58	4.35
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Y	0.002126	6	3.69	18.62	4.35
Story2	CIM 1.0D	Combination		X	0.000965	4	17.74	23.58	4.35
Story2	CIM 1.0D	Combination		Y	0.001512	23	8.82	0	4.35
Story2	CIM 1.0D+1.0L	Combination		X	0.00129	4	17.74	23.58	4.35
Story2	CIM 1.0D+1.0L	Combination		Y	0.001984	23	8.82	0	4.35
Story2	CIM 0.6D	Combination		X	0.000579	4	17.74	23.58	4.35
Story2	CIM 0.6D	Combination		Y	0.000907	23	8.82	0	4.35
Story2	CIM 0.6D+0.7SX	Combination	Max	X	0.001254	3	11.06	23.58	4.35
Story2	CIM 0.6D+0.7SX	Combination	Max	Y	0.000914	23	8.82	0	4.35
Story2	CIM 0.6D+0.7SX	Combination	Min	X	0.0013	4	17.74	23.58	4.35
Story2	CIM 0.6D+0.7SY	Combination	Max	Y	0.001613	23	8.82	0	4.35
Story2	CIM 0.6D+0.7SY	Combination	Min	Y	0.001443	6	3.69	18.62	4.35
Story2	CIM 1.0D+0.7SX	Combination	Max	X	0.001627	3	11.06	23.58	4.35
Story2	CIM 1.0D+0.7SX	Combination	Max	Y	0.001519	23	8.82	0	4.35
Story2	CIM 1.0D+0.7SX	Combination	Min	X	0.001686	4	17.74	23.58	4.35
Story2	CIM 1.0D+0.7SX	Combination	Min	Y	0.001505	23	8.82	0	4.35
Story2	CIM 1.0D+0.7SY	Combination	Max	Y	0.002218	23	8.82	0	4.35
Story2	CIM 1.0D+0.7SY	Combination	Min	Y	0.001946	6	3.69	18.62	4.35
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max	X	0.001663	3	11.06	23.58	4.35
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max	Y	0.001871	23	8.82	0	4.35
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min	X	0.001724	4	17.74	23.58	4.35
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min	Y	0.001861	23	8.82	0	4.35
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max	Y	0.00237	23	8.82	0	4.35
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min	X	0.001227	4	17.74	23.58	4.35
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min	Y	0.00204	6	3.69	18.62	4.35
Story2	DES 1.0D+1.0SX	Combination	Max	X	0.001925	3	11.06	23.58	4.35
Story2	DES 1.0D+1.0SX	Combination	Max	Y	0.001521	23	8.82	0	4.35
Story2	DES 1.0D+1.0SX	Combination	Min	X	0.001995	4	17.74	23.58	4.35
Story2	DES 1.0D+1.0SX	Combination	Min	Y	0.001502	23	8.82	0	4.35
Story2	DES 1.0D+1.0SY	Combination	Max	Y	0.00252	23	8.82	0	4.35

Analysis Results

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	DES 1.0D+1.0SY	Combination	Min	Y	0.002241	6	3.69	18.62	4.35
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max	X	0.001911	3	11.06	23.58	4.35
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max	Y	0.001873	23	8.82	0	4.35
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min	X	0.001982	4	17.74	23.58	4.35
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min	Y	0.001858	23	8.82	0	4.35
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max	Y	0.002622	23	8.82	0	4.35
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min	Y	0.002286	6	3.69	18.62	4.35
Story2	DES 0.6D+1.0SX	Combination	Max	X	0.001552	3	11.06	23.58	4.35
Story2	DES 0.6D+1.0SX	Combination	Min	X	0.001609	4	17.74	23.58	4.35
Story2	DES 0.6D+1.0SY	Combination	Max	Y	0.001916	23	8.82	0	4.35
Story2	DES 0.6D+1.0SY	Combination	Min	Y	0.001738	6	3.69	18.62	4.35
Story2	ELS 1.0D+1.0W1	Combination		X	0.000965	4	17.74	23.58	4.35
Story2	ELS 1.0D+1.0W1	Combination		Y	0.001512	23	8.82	0	4.35
Story2	ELS 1.0D+1.0W2	Combination		X	0.000965	4	17.74	23.58	4.35
Story2	ELS 1.0D+1.0W2	Combination		Y	0.001512	23	8.82	0	4.35
Story2	ELS 1.0D+0.75W1+0.75L	Combination		X	0.001209	4	17.74	23.58	4.35
Story2	ELS 1.0D+0.75W1+0.75L	Combination		Y	0.001866	23	8.82	0	4.35
Story2	ELS 1.0D+0.75W2+0.75L	Combination		X	0.001209	4	17.74	23.58	4.35
Story2	ELS 1.0D+0.75W2+0.75L	Combination		Y	0.001866	23	8.82	0	4.35
Story2	ELS 0.6D+1.0W1	Combination		X	0.000579	4	17.74	23.58	4.35
Story2	ELS 0.6D+1.0W1	Combination		Y	0.000907	23	8.82	0	4.35
Story2	ELS 0.6D+1.0W2	Combination		X	0.000579	4	17.74	23.58	4.35
Story2	ELS 0.6D+1.0W2	Combination		Y	0.000907	23	8.82	0	4.35
Story2	ELU 1.2D+0.8W1	Combination		X	0.001158	4	17.74	23.58	4.35
Story2	ELU 1.2D+0.8W1	Combination		Y	0.001814	23	8.82	0	4.35
Story2	ELU 1.2D+0.8W2	Combination		X	0.001158	4	17.74	23.58	4.35
Story2	ELU 1.2D+0.8W2	Combination		Y	0.001814	23	8.82	0	4.35
Story2	ELU 0.9D+1.6W1	Combination		X	0.000868	4	17.74	23.58	4.35
Story2	ELU 0.9D+1.6W1	Combination		Y	0.00136	23	8.82	0	4.35
Story2	ELU 0.9D+1.6W2	Combination		X	0.000868	4	17.74	23.58	4.35
Story2	ELU 0.9D+1.6W2	Combination		Y	0.00136	23	8.82	0	4.35
Story2	ELU 1.2D+1.6W1+1.0L	Combination		X	0.001483	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.6W1+1.0L	Combination		Y	0.002286	23	8.82	0	4.35
Story2	ELU 1.2D+1.6W2+1.0L	Combination		X	0.001483	4	17.74	23.58	4.35
Story2	ELU 1.2D+1.6W2+1.0L	Combination		Y	0.002286	23	8.82	0	4.35
Story1	Dead	LinStatic		X	0.000173	3	11.06	23.58	3.45
Story1	Dead	LinStatic		Y	0.00026	6	3.69	18.62	3.45
Story1	Live	LinStatic		X	8.8E-05	3	11.06	23.58	3.45
Story1	Live	LinStatic		Y	0.000115	6	3.69	18.62	3.45
Story1	SX	LinRespSpec	Max	X	0.001159	8	11.06	18.62	3.45
Story1	SY	LinRespSpec	Max	Y	0.001024	20	17.74	7.61	3.45
Story1	SXEST	LinStatic		X	0.004381	8	11.06	18.62	3.45
Story1	SYEST	LinStatic		Y	0.005117	3	11.06	23.58	3.45
Story1	DS	LinStatic		X	8.8E-05	3	11.06	23.58	3.45
Story1	DS	LinStatic		Y	0.000115	6	3.69	18.62	3.45
Story1	SX-UMBRAL	LinRespSpec	Max	X	0.000704	8	11.06	18.62	3.45
Story1	SY-UMBRAL	LinRespSpec	Max	Y	0.00083	20	17.74	7.61	3.45
Story1	SX-UMBRAL-EST	LinStatic		X	0.000789	8	11.06	18.62	3.45
Story1	SY-UMBRAL-EST	LinStatic		Y	0.000921	3	11.06	23.58	3.45
Story1	ELS 1.0D	Combination		X	0.000261	3	11.06	23.58	3.45
Story1	ELS 1.0D	Combination		Y	0.000375	6	3.69	18.62	3.45
Story1	ELS 1.0D+1.0L	Combination		X	0.000348	3	11.06	23.58	3.45
Story1	ELS 1.0D+1.0L	Combination		Y	0.00049	6	3.69	18.62	3.45
Story1	ELS 1.0D+0.75L	Combination		X	0.000326	3	11.06	23.58	3.45
Story1	ELS 1.0D+0.75L	Combination		Y	0.000461	6	3.69	18.62	3.45
Story1	ELS 1.0D+0.7SX	Combination	Max	X	0.000972	4	17.74	23.58	3.45
Story1	ELS 1.0D+0.7SX	Combination	Min	X	0.001008	3	11.06	23.58	3.45
Story1	ELS 1.0D+0.7SY	Combination	Max	Y	0.001037	18	8.82	7.61	3.45
Story1	ELS 1.0D+0.7SY	Combination	Min	Y	0.000982	23	8.82	0	3.45
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max	X	0.000845	4	17.74	23.58	3.45

Analysis Results

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Min	X	0.000887	3	11.06	23.58	3.45
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max	Y	0.000948	6	3.69	18.62	3.45
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Min	Y	0.000899	23	8.82	0	3.45
Story1	ELS 0.6D+0.7SX	Combination	Max	X	0.000879	4	17.74	23.58	3.45
Story1	ELS 0.6D+0.7SX	Combination	Min	X	0.000904	3	11.06	23.58	3.45
Story1	ELS 0.6D+0.7SY	Combination	Max	Y	0.000904	18	8.82	7.61	3.45
Story1	ELS 0.6D+0.7SY	Combination	Min	Y	0.00085	23	8.82	0	3.45
Story1	ELU 1.4D	Combination		X	0.000365	3	11.06	23.58	3.45
Story1	ELU 1.4D	Combination		Y	0.000525	6	3.69	18.62	3.45
Story1	ELU 1.2D+1.6L	Combination		X	0.000453	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.6L	Combination		Y	0.000634	6	3.69	18.62	3.45
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.001423	4	17.74	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.000878	6	3.69	18.62	3.45
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.001478	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.000791	23	8.82	0	3.45
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.000705	4	17.74	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.001508	18	8.82	7.61	3.45
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.000752	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.001435	23	8.82	0	3.45
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	X	0.001423	4	17.74	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	Y	0.000878	6	3.69	18.62	3.45
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	X	0.001478	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	Y	0.000791	23	8.82	0	3.45
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	X	0.000705	4	17.74	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Y	0.001508	18	8.82	7.61	3.45
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	X	0.000752	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Y	0.001435	23	8.82	0	3.45
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	X	0.001423	4	17.74	23.58	3.45
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Y	0.000878	6	3.69	18.62	3.45
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	X	0.001478	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Y	0.000791	23	8.82	0	3.45
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	X	0.000705	4	17.74	23.58	3.45
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Y	0.001508	18	8.82	7.61	3.45
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	X	0.000752	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Y	0.001435	23	8.82	0	3.45
Story1	ELU 0.9D	Combination		X	0.000235	3	11.06	23.58	3.45
Story1	ELU 0.9D	Combination		Y	0.000338	6	3.69	18.62	3.45
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max	X	0.001275	4	17.74	23.58	3.45
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Y	0.000651	6	3.69	18.62	3.45
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min	X	0.001312	3	11.06	23.58	3.45
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Y	0.000586	23	8.82	0	3.45
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max	X	0.000557	4	17.74	23.58	3.45
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Y	0.001311	19	12.71	7.61	3.45
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min	X	0.000586	3	11.06	23.58	3.45
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Y	0.001231	23	8.82	0	3.45
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max	X	0.001275	4	17.74	23.58	3.45
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Y	0.000651	6	3.69	18.62	3.45
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min	X	0.001312	3	11.06	23.58	3.45
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Y	0.000586	23	8.82	0	3.45
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max	X	0.000557	4	17.74	23.58	3.45
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Y	0.001311	19	12.71	7.61	3.45
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min	X	0.000586	3	11.06	23.58	3.45

Analysis Results

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Y	0.001231	23	8.82	0	3.45
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max	X	0.001275	4	17.74	23.58	3.45
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Y	0.000651	6	3.69	18.62	3.45
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min	X	0.001312	3	11.06	23.58	3.45
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Y	0.000586	23	8.82	0	3.45
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max	X	0.000557	4	17.74	23.58	3.45
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Y	0.001311	19	12.71	7.61	3.45
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min	X	0.000586	3	11.06	23.58	3.45
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Y	0.001231	23	8.82	0	3.45
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max	X	0.001275	4	17.74	23.58	3.45
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Y	0.000651	6	3.69	18.62	3.45
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min	X	0.001312	3	11.06	23.58	3.45
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Y	0.000586	23	8.82	0	3.45
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max	X	0.000557	4	17.74	23.58	3.45
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Y	0.001311	19	12.71	7.61	3.45
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min	X	0.000586	3	11.06	23.58	3.45
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Y	0.001231	23	8.82	0	3.45
Story1	CIM 1.0D	Combination		X	0.000261	3	11.06	23.58	3.45
Story1	CIM 1.0D	Combination		Y	0.000375	6	3.69	18.62	3.45
Story1	CIM 1.0D+1.0L	Combination		X	0.000348	3	11.06	23.58	3.45
Story1	CIM 1.0D+1.0L	Combination		Y	0.00049	6	3.69	18.62	3.45
Story1	CIM 0.6D	Combination		X	0.000156	3	11.06	23.58	3.45
Story1	CIM 0.6D	Combination		Y	0.000225	6	3.69	18.62	3.45
Story1	CIM 0.6D+0.7SX	Combination	Max	X	0.000879	4	17.74	23.58	3.45
Story1	CIM 0.6D+0.7SX	Combination	Min	X	0.000904	3	11.06	23.58	3.45
Story1	CIM 0.6D+0.7SY	Combination	Max	Y	0.000904	18	8.82	7.61	3.45
Story1	CIM 0.6D+0.7SY	Combination	Min	Y	0.00085	23	8.82	0	3.45
Story1	CIM 1.0D+0.7SX	Combination	Max	X	0.000972	4	17.74	23.58	3.45
Story1	CIM 1.0D+0.7SX	Combination	Min	X	0.001008	3	11.06	23.58	3.45
Story1	CIM 1.0D+0.7SY	Combination	Max	Y	0.001037	18	8.82	7.61	3.45
Story1	CIM 1.0D+0.7SY	Combination	Min	Y	0.000982	23	8.82	0	3.45
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max	X	0.000819	4	17.74	23.58	3.45
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Min	X	0.00086	3	11.06	23.58	3.45
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max	Y	0.000925	6	3.69	18.62	3.45
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Min	Y	0.000875	23	8.82	0	3.45
Story1	DES 1.0D+1.0SX	Combination	Max	X	0.001289	4	17.74	23.58	3.45
Story1	DES 1.0D+1.0SX	Combination	Min	X	0.001328	3	11.06	23.58	3.45
Story1	DES 1.0D+1.0SY	Combination	Max	Y	0.001339	18	8.82	7.61	3.45
Story1	DES 1.0D+1.0SY	Combination	Min	Y	0.001261	23	8.82	0	3.45
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max	X	0.001083	4	17.74	23.58	3.45
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min	X	0.001127	3	11.06	23.58	3.45
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max	Y	0.001162	18	8.82	7.61	3.45
Story1	DES 1.0D+0.75L+0.75SY	Combination	Min	Y	0.001108	23	8.82	0	3.45
Story1	DES 0.6D+1.0SX	Combination	Max	X	0.001196	4	17.74	23.58	3.45
Story1	DES 0.6D+1.0SX	Combination	Min	X	0.001224	3	11.06	23.58	3.45
Story1	DES 0.6D+1.0SY	Combination	Max	Y	0.001207	19	12.71	7.61	3.45
Story1	DES 0.6D+1.0SY	Combination	Min	Y	0.00114	13	8.82	11.01	3.45
Story1	ELS 1.0D+1.0W1	Combination		X	0.000261	3	11.06	23.58	3.45
Story1	ELS 1.0D+1.0W1	Combination		Y	0.000375	6	3.69	18.62	3.45
Story1	ELS 1.0D+1.0W2	Combination		X	0.000261	3	11.06	23.58	3.45
Story1	ELS 1.0D+1.0W2	Combination		Y	0.000375	6	3.69	18.62	3.45
Story1	ELS 1.0D+0.75W1+0.75L	Combination		X	0.000326	3	11.06	23.58	3.45
Story1	ELS 1.0D+0.75W1+0.75L	Combination		Y	0.000461	6	3.69	18.62	3.45
Story1	ELS 1.0D+0.75W2+0.75L	Combination		X	0.000326	3	11.06	23.58	3.45
Story1	ELS 1.0D+0.75W2+0.75L	Combination		Y	0.000461	6	3.69	18.62	3.45
Story1	ELS 0.6D+1.0W1	Combination		X	0.000156	3	11.06	23.58	3.45
Story1	ELS 0.6D+1.0W1	Combination		Y	0.000225	6	3.69	18.62	3.45
Story1	ELS 0.6D+1.0W2	Combination		X	0.000156	3	11.06	23.58	3.45
Story1	ELS 0.6D+1.0W2	Combination		Y	0.000225	6	3.69	18.62	3.45
Story1	ELU 1.2D+0.8W1	Combination		X	0.000313	3	11.06	23.58	3.45

Analysis Results

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	ELU 1.2D+0.8W1	Combination		Y	0.00045	6	3.69	18.62	3.45
Story1	ELU 1.2D+0.8W2	Combination		X	0.000313	3	11.06	23.58	3.45
Story1	ELU 1.2D+0.8W2	Combination		Y	0.00045	6	3.69	18.62	3.45
Story1	ELU 0.9D+1.6W1	Combination		X	0.000235	3	11.06	23.58	3.45
Story1	ELU 0.9D+1.6W1	Combination		Y	0.000338	6	3.69	18.62	3.45
Story1	ELU 0.9D+1.6W2	Combination		X	0.000235	3	11.06	23.58	3.45
Story1	ELU 0.9D+1.6W2	Combination		Y	0.000338	6	3.69	18.62	3.45
Story1	ELU 1.2D+1.6W1+1.0L	Combination		X	0.0004	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.6W1+1.0L	Combination		Y	0.000565	6	3.69	18.62	3.45
Story1	ELU 1.2D+1.6W2+1.0L	Combination		X	0.0004	3	11.06	23.58	3.45
Story1	ELU 1.2D+1.6W2+1.0L	Combination		Y	0.000565	6	3.69	18.62	3.45

Table 3.3 - Story Forces

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	Dead	LinStatic		Top	268.83	0	0	0	3251.22	-2634.73
Story2	Dead	LinStatic		Bottom	277.48	0	0	0	3358.38	-2717.94
Story2	Live	LinStatic		Top	101.03	0	0	0	1219.57	-996.06
Story2	Live	LinStatic		Bottom	101.03	0	0	0	1219.57	-996.06
Story2	SX	LinRespSpec	Max	Top	0	53.55	0.39	643.24	0	0
Story2	SX	LinRespSpec	Max	Bottom	0	53.55	0.39	643.24	0.36	48.2
Story2	SY	LinRespSpec	Max	Top	0	0.3	40.29	402.17	0	0
Story2	SY	LinRespSpec	Max	Bottom	0	0.3	40.29	402.17	36.26	0.27
Story2	SXEST	LinStatic		Top	0	-202.34	0	2446.33	0	0
Story2	SXEST	LinStatic		Bottom	0	-202.34	0	2446.33	0	-182.1
Story2	SYEST	LinStatic		Top	0	0	-202.34	-1986.44	0	0
Story2	SYEST	LinStatic		Bottom	0	0	-202.34	-1986.44	182.1	0
Story2	DS	LinStatic		Top	101.03	0	0	0	1219.57	-996.06
Story2	DS	LinStatic		Bottom	101.03	0	0	0	1219.57	-996.06
Story2	W1	LinStatic		Top	0	0	0	0	0	0
Story2	W1	LinStatic		Bottom	0	0	0	0	0	0
Story2	W2	LinStatic		Top	0	0	0	0	0	0
Story2	W2	LinStatic		Bottom	0	0	0	0	0	0
Story2	SX-UMBRAL	LinRespSpec	Max	Top	0	32.53	0.24	390.76	0	0
Story2	SX-UMBRAL	LinRespSpec	Max	Bottom	0	32.53	0.24	390.76	0.22	29.28
Story2	SY-UMBRAL	LinRespSpec	Max	Top	0	0.24	32.63	325.76	0	0
Story2	SY-UMBRAL	LinRespSpec	Max	Bottom	0	0.24	32.63	325.76	29.37	0.22
Story2	SX-UMBRAL-EST	LinStatic		Top	0	-36.42	0	440.34	0	0
Story2	SX-UMBRAL-EST	LinStatic		Bottom	0	-36.42	0	440.34	0	-32.78
Story2	SY-UMBRAL-EST	LinStatic		Top	0	0	-36.42	-357.56	0	0
Story2	SY-UMBRAL-EST	LinStatic		Bottom	0	0	-36.42	-357.56	32.78	0
Story2	ELS 1.0D	Combination		Top	369.86	0	0	0	4470.79	-3630.79
Story2	ELS 1.0D	Combination		Bottom	378.51	0	0	0	4577.95	-3714.01
Story2	ELS 1.0D+1.0L	Combination		Top	470.88	0	0	0	5690.36	-4626.86
Story2	ELS 1.0D+1.0L	Combination		Bottom	479.53	0	0	0	5797.52	-4710.07
Story2	ELS 1.0D+0.75L	Combination		Top	445.63	0	0	0	5385.47	-4377.84
Story2	ELS 1.0D+0.75L	Combination		Bottom	454.28	0	0	0	5492.63	-4461.05
Story2	ELS 1.0D+0.7SX	Combination	Max	Top	369.86	37.49	0.28	450.27	4470.79	-3630.79
Story2	ELS 1.0D+0.7SX	Combination	Max	Bottom	378.51	37.49	0.28	450.27	4578.2	-3680.27
Story2	ELS 1.0D+0.7SX	Combination	Min	Top	369.86	-37.49	-0.28	-450.27	4470.79	-3630.79
Story2	ELS 1.0D+0.7SX	Combination	Min	Bottom	378.51	-37.49	-0.28	-450.27	4577.7	-3747.74
Story2	ELS 1.0D+0.7SY	Combination	Max	Top	369.86	0.21	28.2	281.52	4470.79	-3630.79
Story2	ELS 1.0D+0.7SY	Combination	Max	Bottom	378.51	0.21	28.2	281.52	4603.33	-3713.82
Story2	ELS 1.0D+0.7SY	Combination	Min	Top	369.86	-0.21	-28.2	-281.52	4470.79	-3630.79
Story2	ELS 1.0D+0.7SY	Combination	Min	Bottom	378.51	-0.21	-28.2	-281.52	4552.57	-3714.19
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max	Top	445.63	28.11	0.21	337.7	5385.47	-4377.84
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max	Bottom	454.28	28.11	0.21	337.7	5492.81	-4435.75
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min	Top	445.63	-28.11	-0.21	-337.7	5385.47	-4377.84
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min	Bottom	454.28	-28.11	-0.21	-337.7	5492.44	-4486.36

Analysis Results

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max	Top	445.63	0.16	21.15	211.14	5385.47	-4377.84
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max	Bottom	454.28	0.16	21.15	211.14	5511.66	-4460.91
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min	Top	445.63	-0.16	-21.15	-211.14	5385.47	-4377.84
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min	Bottom	454.28	-0.16	-21.15	-211.14	5473.59	-4461.19
Story2	ELS 0.6D+0.7SX	Combination	Max	Top	221.92	37.49	0.28	450.27	2682.48	-2178.48
Story2	ELS 0.6D+0.7SX	Combination	Max	Bottom	227.11	37.49	0.28	450.27	2747.02	-2194.67
Story2	ELS 0.6D+0.7SX	Combination	Min	Top	221.92	-37.49	-0.28	-450.27	2682.48	-2178.48
Story2	ELS 0.6D+0.7SX	Combination	Min	Bottom	227.11	-37.49	-0.28	-450.27	2746.52	-2262.14
Story2	ELS 0.6D+0.7SY	Combination	Max	Top	221.92	0.21	28.2	281.52	2682.48	-2178.48
Story2	ELS 0.6D+0.7SY	Combination	Max	Bottom	227.11	0.21	28.2	281.52	2772.15	-2228.22
Story2	ELS 0.6D+0.7SY	Combination	Min	Top	221.92	-0.21	-28.2	-281.52	2682.48	-2178.48
Story2	ELS 0.6D+0.7SY	Combination	Min	Bottom	227.11	-0.21	-28.2	-281.52	2721.39	-2228.59
Story2	ELU 1.4D	Combination		Top	517.8	0	0	0	6259.11	-5083.11
Story2	ELU 1.4D	Combination		Bottom	529.91	0	0	0	6409.13	-5199.61
Story2	ELU 1.2D+1.6L	Combination		Top	605.47	0	0	0	7316.26	-5950.65
Story2	ELU 1.2D+1.6L	Combination		Bottom	615.85	0	0	0	7444.85	-6050.51
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Top	544.86	53.64	12.48	763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Bottom	555.24	53.64	12.48	763.89	6724.34	-5404.59
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Top	544.86	-53.64	-12.48	-763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Bottom	555.24	-53.64	-12.48	-763.89	6701.88	-5501.15
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Top	544.86	16.36	40.4	595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Bottom	555.24	16.36	40.4	595.14	6749.47	-5438.14
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Top	544.86	-16.36	-40.4	-595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Bottom	555.24	-16.36	-40.4	-595.14	6676.75	-5467.6
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	Top	544.86	53.64	12.48	763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	Bottom	555.24	53.64	12.48	763.89	6724.34	-5404.59
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	Top	544.86	-53.64	-12.48	-763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	Bottom	555.24	-53.64	-12.48	-763.89	6701.88	-5501.15
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Top	544.86	16.36	40.4	595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Bottom	555.24	16.36	40.4	595.14	6749.47	-5438.14
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Top	544.86	-16.36	-40.4	-595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Bottom	555.24	-16.36	-40.4	-595.14	6676.75	-5467.6
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Top	544.86	53.64	12.48	763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Bottom	555.24	53.64	12.48	763.89	6724.34	-5404.59
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Top	544.86	-53.64	-12.48	-763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Bottom	555.24	-53.64	-12.48	-763.89	6701.88	-5501.15
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Top	544.86	16.36	40.4	595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Bottom	555.24	16.36	40.4	595.14	6749.47	-5438.14
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Top	544.86	-16.36	-40.4	-595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Bottom	555.24	-16.36	-40.4	-595.14	6676.75	-5467.6
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Top	544.86	53.64	12.48	763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Bottom	555.24	53.64	12.48	763.89	6724.34	-5404.59

Analysis Results

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Top	544.86	-53.64	-12.48	-763.89	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Bottom	555.24	-53.64	-12.48	-763.89	6701.88	-5501.15
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	Top	544.86	16.36	40.4	595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	Bottom	555.24	16.36	40.4	595.14	6749.47	-5438.14
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	Top	544.86	-16.36	-40.4	-595.14	6584.52	-5353.02
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	Bottom	555.24	-16.36	-40.4	-595.14	6676.75	-5467.6
Story2	ELU 0.9D	Combination		Top	332.87	0	0	0	4023.71	-3267.71
Story2	ELU 0.9D	Combination		Bottom	340.66	0	0	0	4120.15	-3342.61
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Top	332.87	53.64	12.48	763.89	4023.71	-3267.71
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Bottom	340.66	53.64	12.48	763.89	4131.39	-3294.33
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Top	332.87	-53.64	-12.48	-763.89	4023.71	-3267.71
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Bottom	340.66	-53.64	-12.48	-763.89	4108.92	-3390.88
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Top	332.87	16.36	40.4	595.14	4023.71	-3267.71
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Bottom	340.66	16.36	40.4	595.14	4156.52	-3327.88
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Top	332.87	-16.36	-40.4	-595.14	4023.71	-3267.71
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Bottom	340.66	-16.36	-40.4	-595.14	4083.79	-3357.33
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Top	332.87	53.64	12.48	763.89	4023.71	-3267.71
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Bottom	340.66	53.64	12.48	763.89	4131.39	-3294.33
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Top	332.87	-53.64	-12.48	-763.89	4023.71	-3267.71
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Bottom	340.66	-53.64	-12.48	-763.89	4108.92	-3390.88
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Top	332.87	16.36	40.4	595.14	4023.71	-3267.71
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Bottom	340.66	16.36	40.4	595.14	4156.52	-3327.88
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Top	332.87	-16.36	-40.4	-595.14	4023.71	-3267.71
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Bottom	340.66	-16.36	-40.4	-595.14	4083.79	-3357.33
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Top	332.87	53.64	12.48	763.89	4023.71	-3267.71
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Bottom	340.66	53.64	12.48	763.89	4131.39	-3294.33
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Top	332.87	-53.64	-12.48	-763.89	4023.71	-3267.71
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Bottom	340.66	-53.64	-12.48	-763.89	4108.92	-3390.88
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Top	332.87	16.36	40.4	595.14	4023.71	-3267.71
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Bottom	340.66	16.36	40.4	595.14	4156.52	-3327.88
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Top	332.87	-16.36	-40.4	-595.14	4023.71	-3267.71
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Bottom	340.66	-16.36	-40.4	-595.14	4083.79	-3357.33
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Top	332.87	53.64	12.48	763.89	4023.71	-3267.71
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Bottom	340.66	53.64	12.48	763.89	4131.39	-3294.33
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Top	332.87	-53.64	-12.48	-763.89	4023.71	-3267.71
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Bottom	340.66	-53.64	-12.48	-763.89	4108.92	-3390.88
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Top	332.87	16.36	40.4	595.14	4023.71	-3267.71
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Bottom	340.66	16.36	40.4	595.14	4156.52	-3327.88
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Top	332.87	-16.36	-40.4	-595.14	4023.71	-3267.71
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Bottom	340.66	-16.36	-40.4	-595.14	4083.79	-3357.33
Story2	CIM 1.0D	Combination		Top	369.86	0	0	0	4470.79	-3630.79
Story2	CIM 1.0D	Combination		Bottom	378.51	0	0	0	4577.95	-3714.01
Story2	CIM 1.0D+1.0L	Combination		Top	470.88	0	0	0	5690.36	-4626.86
Story2	CIM 1.0D+1.0L	Combination		Bottom	479.53	0	0	0	5797.52	-4710.07
Story2	CIM 0,6D	Combination		Top	221.92	0	0	0	2682.48	-2178.48
Story2	CIM 0,6D	Combination		Bottom	227.11	0	0	0	2746.77	-2228.4
Story2	CIM 0,6D+0.7SX	Combination	Max	Top	221.92	37.49	0.28	450.27	2682.48	-2178.48
Story2	CIM 0,6D+0.7SX	Combination	Max	Bottom	227.11	37.49	0.28	450.27	2747.02	-2194.67
Story2	CIM 0,6D+0.7SX	Combination	Min	Top	221.92	-37.49	-0.28	-450.27	2682.48	-2178.48
Story2	CIM 0,6D+0.7SX	Combination	Min	Bottom	227.11	-37.49	-0.28	-450.27	2746.52	-2262.14
Story2	CIM 0,6D+0.7SY	Combination	Max	Top	221.92	0.21	28.2	281.52	2682.48	-2178.48
Story2	CIM 0,6D+0.7SY	Combination	Max	Bottom	227.11	0.21	28.2	281.52	2772.15	-2228.22
Story2	CIM 0,6D+0.7SY	Combination	Min	Top	221.92	-0.21	-28.2	-281.52	2682.48	-2178.48
Story2	CIM 0,6D+0.7SY	Combination	Min	Bottom	227.11	-0.21	-28.2	-281.52	2721.39	-2228.59
Story2	CIM 1.0D+0.7SX	Combination	Max	Top	369.86	37.49	0.28	450.27	4470.79	-3630.79
Story2	CIM 1.0D+0.7SX	Combination	Max	Bottom	378.51	37.49	0.28	450.27	4578.2	-3680.27
Story2	CIM 1.0D+0.7SX	Combination	Min	Top	369.86	-37.49	-0.28	-450.27	4470.79	-3630.79
Story2	CIM 1.0D+0.7SX	Combination	Min	Bottom	378.51	-37.49	-0.28	-450.27	4577.7	-3747.74
Story2	CIM 1.0D+0.7SY	Combination	Max	Top	369.86	0.21	28.2	281.52	4470.79	-3630.79
Story2	CIM 1.0D+0.7SY	Combination	Max	Bottom	378.51	0.21	28.2	281.52	4603.33	-3713.82

Analysis Results

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	CIM 1.0D+0.7SY	Combination	Min	Top	369.86	-0.21	-28.2	-281.52	4470.79	-3630.79
Story2	CIM 1.0D+0.7SY	Combination	Min	Bottom	378.51	-0.21	-28.2	-281.52	4552.57	-3714.19
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max	Top	445.63	26.78	0.2	321.62	5385.47	-4377.84
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max	Bottom	454.28	26.78	0.2	321.62	5492.8	-4436.96
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min	Top	445.63	-26.78	-0.2	-321.62	5385.47	-4377.84
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min	Bottom	454.28	-26.78	-0.2	-321.62	5492.45	-4485.15
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max	Top	445.63	0.15	20.14	201.09	5385.47	-4377.84
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max	Bottom	454.28	0.15	20.14	201.09	5510.76	-4460.92
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min	Top	445.63	-0.15	-20.14	-201.09	5385.47	-4377.84
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min	Bottom	454.28	-0.15	-20.14	-201.09	5474.5	-4461.19
Story2	DES 1.0D+1.0SX	Combination	Max	Top	369.86	53.55	0.39	643.24	4470.79	-3630.79
Story2	DES 1.0D+1.0SX	Combination	Max	Bottom	378.51	53.55	0.39	643.24	4578.3	-3665.81
Story2	DES 1.0D+1.0SX	Combination	Min	Top	369.86	-53.55	-0.39	-643.24	4470.79	-3630.79
Story2	DES 1.0D+1.0SX	Combination	Min	Bottom	378.51	-53.55	-0.39	-643.24	4577.59	-3762.2
Story2	DES 1.0D+1.0SY	Combination	Max	Top	369.86	0.3	40.29	402.17	4470.79	-3630.79
Story2	DES 1.0D+1.0SY	Combination	Max	Bottom	378.51	0.3	40.29	402.17	4614.21	-3713.74
Story2	DES 1.0D+1.0SY	Combination	Min	Top	369.86	-0.3	-40.29	-402.17	4470.79	-3630.79
Story2	DES 1.0D+1.0SY	Combination	Min	Bottom	378.51	-0.3	-40.29	-402.17	4541.69	-3714.27
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max	Top	445.63	40.16	0.3	482.43	5385.47	-4377.84
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max	Bottom	454.28	40.16	0.3	482.43	5492.89	-4424.91
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min	Top	445.63	-40.16	-0.3	-482.43	5385.47	-4377.84
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min	Bottom	454.28	-40.16	-0.3	-482.43	5492.36	-4497.2
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max	Top	445.63	0.22	30.21	301.63	5385.47	-4377.84
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max	Bottom	454.28	0.22	30.21	301.63	5519.82	-4460.85
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min	Top	445.63	-0.22	-30.21	-301.63	5385.47	-4377.84
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min	Bottom	454.28	-0.22	-30.21	-301.63	5465.43	-4461.25
Story2	DES 0.6D+1.0SX	Combination	Max	Top	221.92	53.55	0.39	643.24	2682.48	-2178.48
Story2	DES 0.6D+1.0SX	Combination	Max	Bottom	227.11	53.55	0.39	643.24	2747.12	-2180.21
Story2	DES 0.6D+1.0SX	Combination	Min	Top	221.92	-53.55	-0.39	-643.24	2682.48	-2178.48
Story2	DES 0.6D+1.0SX	Combination	Min	Bottom	227.11	-53.55	-0.39	-643.24	2746.41	-2276.6
Story2	DES 0.6D+1.0SY	Combination	Max	Top	221.92	0.3	40.29	402.17	2682.48	-2178.48
Story2	DES 0.6D+1.0SY	Combination	Max	Bottom	227.11	0.3	40.29	402.17	2783.03	-2228.14
Story2	DES 0.6D+1.0SY	Combination	Min	Top	221.92	-0.3	-40.29	-402.17	2682.48	-2178.48
Story2	DES 0.6D+1.0SY	Combination	Min	Bottom	227.11	-0.3	-40.29	-402.17	2710.51	-2228.67
Story2	ELS 1.0D+1.0W1	Combination		Top	369.86	0	0	0	4470.79	-3630.79
Story2	ELS 1.0D+1.0W1	Combination		Bottom	378.51	0	0	0	4577.95	-3714.01
Story2	ELS 1.0D+1.0W2	Combination		Top	369.86	0	0	0	4470.79	-3630.79
Story2	ELS 1.0D+1.0W2	Combination		Bottom	378.51	0	0	0	4577.95	-3714.01
Story2	ELS 1.0D+0.75W1+0.75L	Combination		Top	445.63	0	0	0	5385.47	-4377.84
Story2	ELS 1.0D+0.75W1+0.75L	Combination		Bottom	454.28	0	0	0	5492.63	-4461.05
Story2	ELS 1.0D+0.75W2+0.75L	Combination		Top	445.63	0	0	0	5385.47	-4377.84
Story2	ELS 1.0D+0.75W2+0.75L	Combination		Bottom	454.28	0	0	0	5492.63	-4461.05
Story2	ELS 0.6D+1.0W1	Combination		Top	221.92	0	0	0	2682.48	-2178.48
Story2	ELS 0.6D+1.0W1	Combination		Bottom	227.11	0	0	0	2746.77	-2228.4
Story2	ELS 0.6D+1.0W2	Combination		Top	221.92	0	0	0	2682.48	-2178.48
Story2	ELS 0.6D+1.0W2	Combination		Bottom	227.11	0	0	0	2746.77	-2228.4
Story2	ELU 1.2D+0.8W1	Combination		Top	443.83	0	0	0	5364.95	-4356.95
Story2	ELU 1.2D+0.8W1	Combination		Bottom	454.21	0	0	0	5493.54	-4456.81
Story2	ELU 1.2D+0.8W2	Combination		Top	443.83	0	0	0	5364.95	-4356.95
Story2	ELU 1.2D+0.8W2	Combination		Bottom	454.21	0	0	0	5493.54	-4456.81
Story2	ELU 0.9D+1.6W1	Combination		Top	332.87	0	0	0	4023.71	-3267.71
Story2	ELU 0.9D+1.6W1	Combination		Bottom	340.66	0	0	0	4120.15	-3342.61
Story2	ELU 0.9D+1.6W2	Combination		Top	332.87	0	0	0	4023.71	-3267.71
Story2	ELU 0.9D+1.6W2	Combination		Bottom	340.66	0	0	0	4120.15	-3342.61
Story2	ELU 1.2D+1.6W1+1.0L	Combination		Top	544.86	0	0	0	6584.52	-5353.02
Story2	ELU 1.2D+1.6W1+1.0L	Combination		Bottom	555.24	0	0	0	6713.11	-5452.87
Story2	ELU 1.2D+1.6W2+1.0L	Combination		Top	544.86	0	0	0	6584.52	-5353.02
Story2	ELU 1.2D+1.6W2+1.0L	Combination		Bottom	555.24	0	0	0	6713.11	-5452.87
Story1	Dead	LinStatic		Top	283.23	0	0	0	3411.19	-2768.94
Story1	Dead	LinStatic		Bottom	316.39	0	0	0	3821.96	-3087.93

Analysis Results

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	Live	LinStatic		Top	101.03	0	0	0	1219.57	-996.06
Story1	Live	LinStatic		Bottom	101.03	0	0	0	1219.57	-996.06
Story1	SX	LinRespSpec	Max	Top	0	56.59	0.41	678.26	0.36	48.2
Story1	SX	LinRespSpec	Max	Bottom	0	56.59	0.41	678.26	1.79	243.42
Story1	SY	LinRespSpec	Max	Top	0	0.31	42.47	423.32	36.26	0.27
Story1	SY	LinRespSpec	Max	Bottom	0	0.31	42.47	423.32	182.79	1.34
Story1	SXEST	LinStatic		Top	0	-213.04	0	2571.59	0	-182.1
Story1	SXEST	LinStatic		Bottom	0	-213.04	0	2571.59	0	-917.11
Story1	SYEST	LinStatic		Top	0	0	-213.04	-2087.72	182.1	0
Story1	SYEST	LinStatic		Bottom	0	0	-213.04	-2087.72	917.11	0
Story1	DS	LinStatic		Top	101.03	0	0	0	1219.57	-996.06
Story1	DS	LinStatic		Bottom	101.03	0	0	0	1219.57	-996.06
Story1	W1	LinStatic		Top	0	0	0	0	0	0
Story1	W1	LinStatic		Bottom	0	0	0	0	0	0
Story1	W2	LinStatic		Top	0	0	0	0	0	0
Story1	W2	LinStatic		Bottom	0	0	0	0	0	0
Story1	SX-UMBRAL	LinRespSpec	Max	Top	0	34.38	0.25	412.05	0.22	29.28
Story1	SX-UMBRAL	LinRespSpec	Max	Bottom	0	34.38	0.25	412.05	1.09	147.88
Story1	SY-UMBRAL	LinRespSpec	Max	Top	0	0.25	34.4	342.89	29.37	0.22
Story1	SY-UMBRAL	LinRespSpec	Max	Bottom	0	0.25	34.4	342.89	148.06	1.09
Story1	SX-UMBRAL-EST	LinStatic		Top	0	-38.35	0	462.89	0	-32.78
Story1	SX-UMBRAL-EST	LinStatic		Bottom	0	-38.35	0	462.89	0	-165.08
Story1	SY-UMBRAL-EST	LinStatic		Top	0	0	-38.35	-375.79	32.78	0
Story1	SY-UMBRAL-EST	LinStatic		Bottom	0	0	-38.35	-375.79	165.08	0
Story1	ELS 1.0D	Combination		Top	384.25	0	0	0	4630.76	-3765.01
Story1	ELS 1.0D	Combination		Bottom	417.41	0	0	0	5041.53	-4083.99
Story1	ELS 1.0D+1.0L	Combination		Top	485.28	0	0	0	5850.33	-4761.07
Story1	ELS 1.0D+1.0L	Combination		Bottom	518.44	0	0	0	6261.1	-5080.05
Story1	ELS 1.0D+0.75L	Combination		Top	460.02	0	0	0	5545.44	-4512.05
Story1	ELS 1.0D+0.75L	Combination		Bottom	493.18	0	0	0	5956.21	-4831.04
Story1	ELS 1.0D+0.75SX	Combination	Max	Top	384.25	39.61	0.29	474.78	4631.01	-3731.27
Story1	ELS 1.0D+0.75SX	Combination	Max	Bottom	417.41	39.61	0.29	474.78	5042.78	-3913.59
Story1	ELS 1.0D+0.75SX	Combination	Min	Top	384.25	-39.61	-0.29	-474.78	4630.52	-3798.74
Story1	ELS 1.0D+0.75SX	Combination	Min	Bottom	417.41	-39.61	-0.29	-474.78	5040.28	-4254.39
Story1	ELS 1.0D+0.75SY	Combination	Max	Top	384.25	0.22	29.73	296.32	4656.14	-3764.82
Story1	ELS 1.0D+0.75SY	Combination	Max	Bottom	417.41	0.22	29.73	296.32	5169.48	-4083.05
Story1	ELS 1.0D+0.75SY	Combination	Min	Top	384.25	-0.22	-29.73	-296.32	4605.39	-3765.19
Story1	ELS 1.0D+0.75SY	Combination	Min	Bottom	417.41	-0.22	-29.73	-296.32	4913.58	-4084.93
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max	Top	460.02	29.71	0.22	356.09	5545.63	-4486.75
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max	Bottom	493.18	29.71	0.22	356.09	5957.14	-4703.24
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Min	Top	460.02	-29.71	-0.22	-356.09	5545.26	-4537.36
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Min	Bottom	493.18	-29.71	-0.22	-356.09	5955.27	-4958.83
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max	Top	460.02	0.16	22.3	222.24	5564.48	-4511.91
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max	Bottom	493.18	0.16	22.3	222.24	6052.17	-4830.33
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Min	Top	460.02	-0.16	-22.3	-222.24	5526.41	-4512.2
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Min	Bottom	493.18	-0.16	-22.3	-222.24	5860.24	-4831.74
Story1	ELS 0.6D+0.75SX	Combination	Max	Top	230.55	39.61	0.29	474.78	2778.71	-2225.27
Story1	ELS 0.6D+0.75SX	Combination	Max	Bottom	250.45	39.61	0.29	474.78	3026.17	-2280
Story1	ELS 0.6D+0.75SX	Combination	Min	Top	230.55	-39.61	-0.29	-474.78	2778.21	-2292.74
Story1	ELS 0.6D+0.75SX	Combination	Min	Bottom	250.45	-39.61	-0.29	-474.78	3023.67	-2620.79
Story1	ELS 0.6D+0.75SY	Combination	Max	Top	230.55	0.22	29.73	296.32	2803.84	-2258.82
Story1	ELS 0.6D+0.75SY	Combination	Max	Bottom	250.45	0.22	29.73	296.32	3152.87	-2449.45
Story1	ELS 0.6D+0.75SY	Combination	Min	Top	230.55	-0.22	-29.73	-296.32	2753.08	-2259.19
Story1	ELS 0.6D+0.75SY	Combination	Min	Bottom	250.45	-0.22	-29.73	-296.32	2896.96	-2451.33
Story1	ELU 1.4D	Combination		Top	537.96	0	0	0	6483.07	-5271.01
Story1	ELU 1.4D	Combination		Bottom	584.38	0	0	0	7058.14	-5717.59
Story1	ELU 1.2D+1.6L	Combination		Top	622.75	0	0	0	7508.23	-6111.71
Story1	ELU 1.2D+1.6L	Combination		Bottom	662.54	0	0	0	8001.15	-6494.49
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Top	562.13	56.68	13.16	805.26	6787.72	-5465.8

Analysis Results

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Bottom	601.92	56.68	13.16	805.26	7326.03	-5653.02
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Top	562.13	-56.68	-13.16	-805.26	6765.26	-5562.35
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Bottom	601.92	-56.68	-13.16	-805.26	7212.78	-6140.68
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Top	562.13	17.29	42.6	626.79	6812.85	-5499.35
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Bottom	601.92	17.29	42.6	626.79	7452.73	-5822.48
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Top	562.13	-17.29	-42.6	-626.79	6740.12	-5528.8
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Bottom	601.92	-17.29	-42.6	-626.79	7086.08	-5971.22
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	Top	562.13	56.68	13.16	805.26	6787.72	-5465.8
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	Bottom	601.92	56.68	13.16	805.26	7326.03	-5653.02
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	Top	562.13	-56.68	-13.16	-805.26	6765.26	-5562.35
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	Bottom	601.92	-56.68	-13.16	-805.26	7212.78	-6140.68
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Top	562.13	17.29	42.6	626.79	6812.85	-5499.35
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Bottom	601.92	17.29	42.6	626.79	7452.73	-5822.48
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Top	562.13	-17.29	-42.6	-626.79	6740.12	-5528.8
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Bottom	601.92	-17.29	-42.6	-626.79	7086.08	-5971.22
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Top	562.13	56.68	13.16	805.26	6787.72	-5465.8
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Bottom	601.92	56.68	13.16	805.26	7326.03	-5653.02
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Top	562.13	-56.68	-13.16	-805.26	6765.26	-5562.35
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Bottom	601.92	-56.68	-13.16	-805.26	7212.78	-6140.68
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Top	562.13	17.29	42.6	626.79	6812.85	-5499.35
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Bottom	601.92	17.29	42.6	626.79	7452.73	-5822.48
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Top	562.13	-17.29	-42.6	-626.79	6740.12	-5528.8
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Bottom	601.92	-17.29	-42.6	-626.79	7086.08	-5971.22
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Top	562.13	56.68	13.16	805.26	6787.72	-5465.8
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Bottom	601.92	56.68	13.16	805.26	7326.03	-5653.02
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Top	562.13	-56.68	-13.16	-805.26	6765.26	-5562.35
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Bottom	601.92	-56.68	-13.16	-805.26	7212.78	-6140.68
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	Top	562.13	17.29	42.6	626.79	6812.85	-5499.35
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	Bottom	601.92	17.29	42.6	626.79	7452.73	-5822.48
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	Top	562.13	-17.29	-42.6	-626.79	6740.12	-5528.8
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	Bottom	601.92	-17.29	-42.6	-626.79	7086.08	-5971.22
Story1	ELU 0.9D	Combination		Top	345.83	0	0	0	4167.69	-3388.51
Story1	ELU 0.9D	Combination		Bottom	375.67	0	0	0	4537.38	-3675.59
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Top	345.83	56.68	13.16	805.26	4178.92	-3340.23
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Bottom	375.67	56.68	13.16	805.26	4594	-3431.76
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Top	345.83	-56.68	-13.16	-805.26	4156.46	-3436.78
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Bottom	375.67	-56.68	-13.16	-805.26	4480.75	-3919.42
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Top	345.83	17.29	42.6	626.79	4204.05	-3373.78
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Bottom	375.67	17.29	42.6	626.79	4720.7	-3601.22
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Top	345.83	-17.29	-42.6	-626.79	4131.33	-3403.23
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Bottom	375.67	-17.29	-42.6	-626.79	4354.05	-3749.96
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Top	345.83	56.68	13.16	805.26	4178.92	-3340.23
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Bottom	375.67	56.68	13.16	805.26	4594	-3431.76

Analysis Results

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Top	345.83	-56.68	-13.16	-805.26	4156.46	-3436.78
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Bottom	375.67	-56.68	-13.16	-805.26	4480.75	-3919.42
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Top	345.83	17.29	42.6	626.79	4204.05	-3373.78
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Bottom	375.67	17.29	42.6	626.79	4720.7	-3601.22
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Top	345.83	-17.29	-42.6	-626.79	4131.33	-3403.23
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Bottom	375.67	-17.29	-42.6	-626.79	4354.05	-3749.96
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Top	345.83	56.68	13.16	805.26	4178.92	-3340.23
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Bottom	375.67	56.68	13.16	805.26	4594	-3431.76
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Top	345.83	-56.68	-13.16	-805.26	4156.46	-3436.78
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Bottom	375.67	-56.68	-13.16	-805.26	4480.75	-3919.42
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Top	345.83	17.29	42.6	626.79	4204.05	-3373.78
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Bottom	375.67	17.29	42.6	626.79	4720.7	-3601.22
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Top	345.83	-17.29	-42.6	-626.79	4131.33	-3403.23
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Bottom	375.67	-17.29	-42.6	-626.79	4354.05	-3749.96
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Top	345.83	56.68	13.16	805.26	4178.92	-3340.23
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Bottom	375.67	56.68	13.16	805.26	4594	-3431.76
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Top	345.83	-56.68	-13.16	-805.26	4156.46	-3436.78
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Bottom	375.67	-56.68	-13.16	-805.26	4480.75	-3919.42
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Top	345.83	17.29	42.6	626.79	4204.05	-3373.78
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Bottom	375.67	17.29	42.6	626.79	4720.7	-3601.22
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Top	345.83	-17.29	-42.6	-626.79	4131.33	-3403.23
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Bottom	375.67	-17.29	-42.6	-626.79	4354.05	-3749.96
Story1	CIM 1.0D	Combination		Top	384.25	0	0	0	4630.76	-3765.01
Story1	CIM 1.0D	Combination		Bottom	417.41	0	0	0	5041.53	-4083.99
Story1	CIM 1.0D+1.0L	Combination		Top	485.28	0	0	0	5850.33	-4761.07
Story1	CIM 1.0D+1.0L	Combination		Bottom	518.44	0	0	0	6261.1	-5080.05
Story1	CIM 0,6D	Combination		Top	230.55	0	0	0	2778.46	-2259
Story1	CIM 0,6D	Combination		Bottom	250.45	0	0	0	3024.92	-2450.39
Story1	CIM 0,6D+0.7SX	Combination	Max	Top	230.55	39.61	0.29	474.78	2778.71	-2225.27
Story1	CIM 0,6D+0.7SX	Combination	Max	Bottom	250.45	39.61	0.29	474.78	3026.17	-2280
Story1	CIM 0,6D+0.7SX	Combination	Min	Top	230.55	-39.61	-0.29	-474.78	2778.21	-2292.74
Story1	CIM 0,6D+0.7SX	Combination	Min	Bottom	250.45	-39.61	-0.29	-474.78	3023.67	-2620.79
Story1	CIM 0,6D+0.7SY	Combination	Max	Top	230.55	0.22	29.73	296.32	2803.84	-2258.82
Story1	CIM 0,6D+0.7SY	Combination	Max	Bottom	250.45	0.22	29.73	296.32	3152.87	-2449.45
Story1	CIM 0,6D+0.7SY	Combination	Min	Top	230.55	-0.22	-29.73	-296.32	2753.08	-2259.19
Story1	CIM 0,6D+0.7SY	Combination	Min	Bottom	250.45	-0.22	-29.73	-296.32	2896.96	-2451.33
Story1	CIM 1.0D+0.7SX	Combination	Max	Top	384.25	39.61	0.29	474.78	4631.01	-3731.27
Story1	CIM 1.0D+0.7SX	Combination	Max	Bottom	417.41	39.61	0.29	474.78	5042.78	-3913.59
Story1	CIM 1.0D+0.7SX	Combination	Min	Top	384.25	-39.61	-0.29	-474.78	4630.52	-3798.74
Story1	CIM 1.0D+0.7SX	Combination	Min	Bottom	417.41	-39.61	-0.29	-474.78	5040.28	-4254.39
Story1	CIM 1.0D+0.7SY	Combination	Max	Top	384.25	0.22	29.73	296.32	4656.14	-3764.82
Story1	CIM 1.0D+0.7SY	Combination	Max	Bottom	417.41	0.22	29.73	296.32	5169.48	-4083.05
Story1	CIM 1.0D+0.7SY	Combination	Min	Top	384.25	-0.22	-29.73	-296.32	4605.39	-3765.19
Story1	CIM 1.0D+0.7SY	Combination	Min	Bottom	417.41	-0.22	-29.73	-296.32	4913.58	-4084.93
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max	Top	460.02	28.29	0.21	339.13	5545.62	-4487.96
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max	Bottom	493.18	28.29	0.21	339.13	5957.1	-4709.32
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Min	Top	460.02	-28.29	-0.21	-339.13	5545.26	-4536.15
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Min	Bottom	493.18	-28.29	-0.21	-339.13	5955.31	-4952.75
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max	Top	460.02	0.16	21.24	211.66	5563.57	-4511.92
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max	Bottom	493.18	0.16	21.24	211.66	6047.6	-4830.37
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Min	Top	460.02	-0.16	-21.24	-211.66	5527.31	-4512.19
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Min	Bottom	493.18	-0.16	-21.24	-211.66	5864.81	-4831.71
Story1	DES 1.0D+1.0SX	Combination	Max	Top	384.25	56.59	0.41	678.26	4631.12	-3716.81
Story1	DES 1.0D+1.0SX	Combination	Max	Bottom	417.41	56.59	0.41	678.26	5043.32	-3840.57
Story1	DES 1.0D+1.0SX	Combination	Min	Top	384.25	-56.59	-0.41	-678.26	4630.41	-3813.2
Story1	DES 1.0D+1.0SX	Combination	Min	Bottom	417.41	-56.59	-0.41	-678.26	5039.74	-4327.41
Story1	DES 1.0D+1.0SY	Combination	Max	Top	384.25	0.31	42.47	423.32	4667.02	-3764.74
Story1	DES 1.0D+1.0SY	Combination	Max	Bottom	417.41	0.31	42.47	423.32	5224.32	-4082.65
Story1	DES 1.0D+1.0SY	Combination	Min	Top	384.25	-0.31	-42.47	-423.32	4594.51	-3765.28
Story1	DES 1.0D+1.0SY	Combination	Min	Bottom	417.41	-0.31	-42.47	-423.32	4858.74	-4085.33

Analysis Results

Story	Output Case	Case Type	Step Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max	Top	460.02	42.44	0.31	508.7	5545.71	-4475.91
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max	Bottom	493.18	42.44	0.31	508.7	5957.55	-4648.47
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min	Top	460.02	-42.44	-0.31	-508.7	5545.18	-4548.2
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min	Bottom	493.18	-42.44	-0.31	-508.7	5954.87	-5013.61
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max	Top	460.02	0.23	31.86	317.49	5572.63	-4511.85
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max	Bottom	493.18	0.23	31.86	317.49	6093.3	-4830.03
Story1	DES 1.0D+0.75L+0.75SY	Combination	Min	Top	460.02	-0.23	-31.86	-317.49	5518.25	-4512.26
Story1	DES 1.0D+0.75L+0.75SY	Combination	Min	Bottom	493.18	-0.23	-31.86	-317.49	5819.11	-4832.04
Story1	DES 0.6D+1.0SX	Combination	Max	Top	230.55	56.59	0.41	678.26	2778.81	-2210.81
Story1	DES 0.6D+1.0SX	Combination	Max	Bottom	250.45	56.59	0.41	678.26	3026.7	-2206.97
Story1	DES 0.6D+1.0SX	Combination	Min	Top	230.55	-56.59	-0.41	-678.26	2778.1	-2307.2
Story1	DES 0.6D+1.0SX	Combination	Min	Bottom	250.45	-56.59	-0.41	-678.26	3023.13	-2693.82
Story1	DES 0.6D+1.0SY	Combination	Max	Top	230.55	0.31	42.47	423.32	2814.72	-2258.74
Story1	DES 0.6D+1.0SY	Combination	Max	Bottom	250.45	0.31	42.47	423.32	3207.71	-2449.05
Story1	DES 0.6D+1.0SY	Combination	Min	Top	230.55	-0.31	-42.47	-423.32	2742.2	-2259.27
Story1	DES 0.6D+1.0SY	Combination	Min	Bottom	250.45	-0.31	-42.47	-423.32	2842.13	-2541.73
Story1	ELS 1.0D+1.0W1	Combination		Top	384.25	0	0	0	4630.76	-3765.01
Story1	ELS 1.0D+1.0W1	Combination		Bottom	417.41	0	0	0	5041.53	-4083.99
Story1	ELS 1.0D+1.0W2	Combination		Top	384.25	0	0	0	4630.76	-3765.01
Story1	ELS 1.0D+1.0W2	Combination		Bottom	417.41	0	0	0	5041.53	-4083.99
Story1	ELS 1.0D+0.75W1+0.75L	Combination		Top	460.02	0	0	0	5545.44	-4512.05
Story1	ELS 1.0D+0.75W1+0.75L	Combination		Bottom	493.18	0	0	0	5956.21	-4831.04
Story1	ELS 1.0D+0.75W2+0.75L	Combination		Top	460.02	0	0	0	5545.44	-4512.05
Story1	ELS 1.0D+0.75W2+0.75L	Combination		Bottom	493.18	0	0	0	5956.21	-4831.04
Story1	ELS 0.6D+1.0W1	Combination		Top	230.55	0	0	0	2778.46	-2259
Story1	ELS 0.6D+1.0W1	Combination		Bottom	250.45	0	0	0	3024.92	-2450.39
Story1	ELS 0.6D+1.0W2	Combination		Top	230.55	0	0	0	2778.46	-2259
Story1	ELS 0.6D+1.0W2	Combination		Bottom	250.45	0	0	0	3024.92	-2450.39
Story1	ELU 1.2D+0.8W1	Combination		Top	461.1	0	0	0	5556.92	-4518.01
Story1	ELU 1.2D+0.8W1	Combination		Bottom	500.89	0	0	0	6049.83	-4900.79
Story1	ELU 1.2D+0.8W2	Combination		Top	461.1	0	0	0	5556.92	-4518.01
Story1	ELU 1.2D+0.8W2	Combination		Bottom	500.89	0	0	0	6049.83	-4900.79
Story1	ELU 0.9D+1.6W1	Combination		Top	345.83	0	0	0	4167.69	-3388.51
Story1	ELU 0.9D+1.6W1	Combination		Bottom	375.67	0	0	0	4537.38	-3675.59
Story1	ELU 0.9D+1.6W2	Combination		Top	345.83	0	0	0	4167.69	-3388.51
Story1	ELU 0.9D+1.6W2	Combination		Bottom	375.67	0	0	0	4537.38	-3675.59
Story1	ELU 1.2D+1.6W1+1.0L	Combination		Top	562.13	0	0	0	6776.49	-5514.07
Story1	ELU 1.2D+1.6W1+1.0L	Combination		Bottom	601.92	0	0	0	7269.4	-5896.85
Story1	ELU 1.2D+1.6W2+1.0L	Combination		Top	562.13	0	0	0	6776.49	-5514.07
Story1	ELU 1.2D+1.6W2+1.0L	Combination		Bottom	601.92	0	0	0	7269.4	-5896.85

3.3 Modal Results

Table 3.4 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.405	2.467	15.4979	240.1862
Modal	2	0.375	2.668	16.7619	280.9627
Modal	3	0.369	2.71	17.0285	289.9693
Modal	4	0.077	12.961	81.4377	6632.105
Modal	5	0.038	26.018	163.4784	26725.183
Modal	6	0.033	30.12	189.2501	35815.5991
Modal	7	0.029	34.44	216.3914	46825.2452
Modal	8	0.028	35.94	225.8193	50994.3774
Modal	9	0.026	38.636	242.7583	58931.5698
Modal	10	0.024	41	257.6128	66364.3492
Modal	11	0.023	42.696	268.2666	71966.9917
Modal	12	0.023	43.698	274.5633	75385.0312
Modal	13	0.022	45.803	287.7859	82820.7125

Analysis Results

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	14	0.022	46.333	291.1158	84748.388
Modal	15	0.021	47.655	299.4227	89653.976
Modal	16	0.02	49.16	308.8836	95409.087
Modal	17	0.02	49.381	310.2719	96268.6685
Modal	18	0.02	50.27	315.8532	99763.2209
Modal	19	0.02	50.738	318.7978	101632.0528
Modal	20	0.019	52.543	330.1371	108990.4782
Modal	21	0.019	52.99	332.9475	110854.0418
Modal	22	0.019	53.623	336.9253	113518.6625
Modal	23	0.018	54.541	342.6898	117436.3039
Modal	24	0.018	55.046	345.8633	119621.4226
Modal	25	0.018	55.799	350.595	122916.8707
Modal	26	0.018	56.401	354.3798	125585.0624
Modal	27	0.017	57.961	364.1766	132624.6213
Modal	28	0.017	58.272	366.1339	134054.0686
Modal	29	0.017	58.655	368.5413	135822.6728
Modal	30	0.017	59.175	371.8069	138240.3641
Modal	31	0.017	60.039	377.2349	142306.1431
Modal	32	0.017	60.456	379.855	144289.8374
Modal	33	0.016	61.319	385.2785	148439.4899
Modal	34	0.016	61.771	388.1193	150636.6098
Modal	35	0.016	62.07	389.9964	152097.1815
Modal	36	0.016	62.334	391.6545	153393.2101
Modal	37	0.016	62.495	392.6683	154188.3614
Modal	38	0.016	62.733	394.1643	155365.5173
Modal	39	0.016	63.462	398.745	158997.5716
Modal	40	0.016	63.623	399.7546	159803.7016
Modal	41	0.016	64.056	402.4773	161987.9582
Modal	42	0.015	64.661	406.2785	165062.2244
Modal	43	0.015	64.868	407.5769	166118.8993
Modal	44	0.015	65.169	409.4715	167666.8943
Modal	45	0.015	65.522	411.6862	169485.5266
Modal	46	0.015	65.813	413.5176	170996.8168
Modal	47	0.015	65.988	414.6171	171907.3695
Modal	48	0.015	66.456	417.554	174351.3204
Modal	49	0.015	66.697	419.0721	175621.4165
Modal	50	0.015	67.293	422.8172	178774.3957
Modal	51	0.015	68.077	427.7431	182964.1579
Modal	52	0.015	68.23	428.6991	183782.8812
Modal	53	0.015	68.615	431.122	185866.1992
Modal	54	0.015	68.745	431.9348	186567.659
Modal	55	0.014	69.106	434.2076	188536.2442
Modal	56	0.014	69.74	438.1893	192009.8646
Modal	57	0.014	71.107	446.776	199608.8326
Modal	58	0.014	71.532	449.4463	202001.9792
Modal	59	0.014	72.24	453.9	206025.2309
Modal	60	0.014	72.932	458.2442	209987.757

Table 3.5 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	1	0.405	0.0001	0.9968	0	0.0001	0.9968	0	0.3962	3.096E-05	0.001
Modal	2	0.375	0.082	0.001	0	0.0821	0.9979	0	0.0002	0.0345	0.9145
Modal	3	0.369	0.9165	7.677E-07	0	0.9986	0.9979	0	6.101E-07	0.3534	0.0828
Modal	4	0.077	9.874E-06	0	0	0.9986	0.9979	0	2.26E-06	4.496E-05	3.24E-05
Modal	5	0.038	0	7.832E-07	0	0.9986	0.9979	0	0.0002	0.0001	0
Modal	6	0.033	4.318E-06	0	0	0.9986	0.9979	0	2.539E-05	0.0013	0
Modal	7	0.029	0	1.009E-05	0	0.9986	0.9979	0	0.0019	0.0003	0
Modal	8	0.028	4.452E-06	0	0	0.9986	0.9979	0	0	0.0021	0

Analysis Results

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	9	0.026	0	6.767E-06	0	0.9986	0.9979	0	0.0013	0.0003	2.579E-06
Modal	10	0.024	7.679E-07	0.0001	0	0.9986	0.998	0	0.0213	0.0005	1.053E-06
Modal	11	0.023	0	0.0006	0	0.9986	0.9986	0	0.1125	0.0003	1.088E-05
Modal	12	0.023	0	0.0001	0	0.9986	0.9987	0	0.026	8.623E-06	0.0001
Modal	13	0.022	5.908E-07	1.896E-05	0	0.9986	0.9987	0	0.0044	0.0007	4.683E-05
Modal	14	0.022	0	2.916E-05	0	0.9986	0.9988	0	0.0059	2.235E-06	1.054E-06
Modal	15	0.021	0	0.0001	0	0.9986	0.9989	0	0.0315	0.0001	1.012E-06
Modal	16	0.02	0	1.411E-05	0	0.9986	0.9989	0	0.0035	0.0008	4.16E-05
Modal	17	0.02	5.302E-06	0.0001	0	0.9986	0.999	0	0.0189	0.0054	1.599E-05
Modal	18	0.02	1.011E-05	3.634E-05	0	0.9987	0.999	0	0.0085	0.0071	5.309E-06
Modal	19	0.02	9.158E-07	1.067E-06	0	0.9987	0.999	0	0.0004	0.0004	7.786E-06
Modal	20	0.019	7.519E-07	7.542E-06	0	0.9987	0.999	0	0.0043	0.0003	0.0001
Modal	21	0.019	1.803E-06	0.0001	0	0.9987	0.9991	0	0.0194	0.0023	1.184E-06
Modal	22	0.019	4.446E-06	5.969E-06	0	0.9987	0.9991	0	0.0013	0.003	7.225E-06
Modal	23	0.018	1.337E-05	8.066E-07	0	0.9987	0.9991	0	0.0004	0.0104	1.736E-05
Modal	24	0.018	0	0	0	0.9987	0.9991	0	0.0001	0.0001	2.19E-06
Modal	25	0.018	6.083E-06	2.012E-06	0	0.9987	0.9991	0	0.0005	0.0067	1.984E-06
Modal	26	0.018	0.0001	1.036E-06	0	0.9988	0.9991	0	0.0003	0.0679	0.0003
Modal	27	0.017	1.718E-05	1.679E-06	0	0.9988	0.9991	0	0.0004	0.0053	4.819E-05
Modal	28	0.017	0	1.748E-06	0	0.9988	0.9991	0	0.0003	6.363E-06	6.72E-07
Modal	29	0.017	1.017E-05	0	0	0.9988	0.9991	0	7.083E-07	0.006	2.311E-05
Modal	30	0.017	2.361E-05	5.647E-06	0	0.9989	0.9991	0	0.0011	0.0148	9.743E-06
Modal	31	0.017	0.0001	5.877E-06	0	0.999	0.9991	0	0.0012	0.0493	4.149E-06
Modal	32	0.017	3.038E-05	5.645E-06	0	0.999	0.9991	0	0.001	0.0123	0
Modal	33	0.016	3.129E-06	0	0	0.999	0.9991	0	7.77E-07	0.0003	9.919E-07
Modal	34	0.016	1.072E-06	1.409E-05	0	0.999	0.9991	0	0.0036	6.59E-06	2.265E-06
Modal	35	0.016	0.0001	1.176E-06	0	0.9992	0.9991	0	0.0003	0.0704	6.233E-06
Modal	36	0.016	0.0001	1.069E-06	0	0.9992	0.9991	0	0.0004	0.0268	3.585E-05
Modal	37	0.016	0.0004	0	0	0.9996	0.9991	0	2.149E-06	0.1729	0.0001
Modal	38	0.016	1.346E-06	4.585E-06	0	0.9996	0.9991	0	0.0011	0.0006	3.155E-06
Modal	39	0.016	1.653E-06	5.037E-06	0	0.9996	0.9992	0	0.0016	0.0014	0.0002
Modal	40	0.016	4.427E-06	3.084E-06	0	0.9997	0.9992	0	0.0011	2.303E-05	0.0001
Modal	41	0.016	0	0	0	0.9997	0.9992	0	0.0001	0.0003	0.0001
Modal	42	0.015	1.134E-06	1.462E-06	0	0.9997	0.9992	0	0.0005	0.0025	0
Modal	43	0.015	3.436E-06	1.28E-06	0	0.9997	0.9992	0	0.0003	0.0009	1.212E-05
Modal	44	0.015	2.355E-06	4.18E-06	0	0.9997	0.9992	0	0.0016	0.0008	2.474E-06
Modal	45	0.015	1.12E-05	3.866E-06	0	0.9997	0.9992	0	0.0014	0.0038	9.11E-06
Modal	46	0.015	2.067E-05	5.51E-07	0	0.9997	0.9992	0	0.0001	0.0101	0
Modal	47	0.015	2.88E-06	1.574E-06	0	0.9997	0.9992	0	0.0005	0.0021	1.616E-06
Modal	48	0.015	0	4.376E-06	0	0.9997	0.9992	0	0.0016	0.0011	1.694E-06
Modal	49	0.015	0	1.553E-06	0	0.9997	0.9992	0	0.0006	0.0001	0
Modal	50	0.015	8.09E-06	0.0001	0	0.9997	0.9993	0	0.0379	0.0023	4.035E-06
Modal	51	0.015	0	0.0001	0	0.9997	0.9994	0	0.0355	1.226E-05	1.46E-06
Modal	52	0.015	3.204E-06	2.783E-05	0	0.9997	0.9994	0	0.011	0.0013	4.702E-05
Modal	53	0.015	0	0.0005	0	0.9997	0.9999	0	0.1806	0.0001	0
Modal	54	0.015	0	0	0	0.9997	0.9999	0	4.626E-05	3.122E-05	0.0002
Modal	55	0.014	6.183E-06	2.267E-05	0	0.9997	0.9999	0	0.0087	0.004	4.787E-05
Modal	56	0.014	1.7E-06	4.713E-05	0	0.9997	0.9999	0	0.0189	0.0008	1.817E-05
Modal	57	0.014	9.334E-06	2.876E-05	0	0.9997	1	0	0.0118	0.0042	2.175E-06
Modal	58	0.014	3.575E-05	1.294E-05	0	0.9998	1	0	0.006	0.0124	3.428E-05
Modal	59	0.014	0.0001	4.269E-06	0	0.9998	1	0	0.0019	0.0291	0
Modal	60	0.014	0.0001	1.865E-06	0	0.9999	1	0	0.0009	0.0268	4.533E-06

Table 3.5 - Modal Participating Mass Ratios (Part 2 of 2)

Case	Mode	SumRX	SumRY	SumRZ
Modal	1	0.3962	3.096E-05	0.001
Modal	2	0.3964	0.0345	0.9155
Modal	3	0.3964	0.3879	0.9983
Modal	4	0.3964	0.388	0.9983

Analysis Results

Case	Mode	SumRX	SumRY	SumRZ
Modal	5	0.3966	0.3881	0.9983
Modal	6	0.3966	0.3895	0.9983
Modal	7	0.3985	0.3898	0.9983
Modal	8	0.3985	0.3919	0.9983
Modal	9	0.3998	0.3922	0.9983
Modal	10	0.4211	0.3927	0.9983
Modal	11	0.5335	0.3929	0.9983
Modal	12	0.5595	0.3929	0.9985
Modal	13	0.564	0.3937	0.9985
Modal	14	0.5698	0.3937	0.9985
Modal	15	0.6013	0.3938	0.9985
Modal	16	0.6048	0.3946	0.9986
Modal	17	0.6237	0.4	0.9986
Modal	18	0.6323	0.407	0.9986
Modal	19	0.6327	0.4075	0.9986
Modal	20	0.637	0.4078	0.9986
Modal	21	0.6564	0.4101	0.9986
Modal	22	0.6577	0.413	0.9987
Modal	23	0.6581	0.4234	0.9987
Modal	24	0.6582	0.4235	0.9987
Modal	25	0.6587	0.4302	0.9987
Modal	26	0.659	0.4981	0.999
Modal	27	0.6594	0.5034	0.999
Modal	28	0.6597	0.5034	0.999
Modal	29	0.6597	0.5094	0.9991
Modal	30	0.6609	0.5242	0.9991
Modal	31	0.662	0.5735	0.9991
Modal	32	0.663	0.5858	0.9991
Modal	33	0.663	0.5861	0.9991
Modal	34	0.6666	0.5861	0.9991
Modal	35	0.6669	0.6565	0.9991
Modal	36	0.6673	0.6833	0.9991
Modal	37	0.6673	0.8562	0.9993
Modal	38	0.6684	0.8568	0.9993
Modal	39	0.67	0.8582	0.9995
Modal	40	0.6711	0.8582	0.9996
Modal	41	0.6712	0.8585	0.9996
Modal	42	0.6717	0.861	0.9996
Modal	43	0.6721	0.8619	0.9996
Modal	44	0.6737	0.8628	0.9996
Modal	45	0.6751	0.8666	0.9996
Modal	46	0.6752	0.8767	0.9996
Modal	47	0.6757	0.8788	0.9996
Modal	48	0.6773	0.8799	0.9996
Modal	49	0.6779	0.88	0.9996
Modal	50	0.7158	0.8823	0.9997
Modal	51	0.7513	0.8823	0.9997
Modal	52	0.7622	0.8836	0.9997
Modal	53	0.9429	0.8837	0.9997
Modal	54	0.9429	0.8838	0.9999
Modal	55	0.9516	0.8877	0.9999
Modal	56	0.9705	0.8885	0.9999
Modal	57	0.9823	0.8927	0.9999
Modal	58	0.9883	0.9051	1
Modal	59	0.9902	0.9342	1
Modal	60	0.9911	0.961	1

Table 3.6 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
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Analysis Results

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	100	99.99
Modal	Acceleration	UY	100	100
Modal	Acceleration	UZ	0	0

Table 3.7 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	0.405	0	0.999	0	0.001
Modal	2	0.375	0.082	0.001	0	0.917
Modal	3	0.369	0.919	0	0	0.081
Modal	4	0.077	0	0	0	1
Modal	5	0.038	0.217	0.327	0	0.456
Modal	6	0.033	0.001	0	0	0.999
Modal	7	0.029	0.012	0.069	0	0.919
Modal	8	0.028	0.004	0	0	0.996
Modal	9	0.026	0	0.001	0	0.999
Modal	10	0.024	0.012	0.543	0	0.445
Modal	11	0.023	0.002	0.948	0	0.049
Modal	12	0.023	0	0.199	0	0.801
Modal	13	0.022	0.019	0.12	0	0.861
Modal	14	0.022	0	0.182	0	0.818
Modal	15	0.021	0.001	0.314	0	0.685
Modal	16	0.02	0.003	0.013	0	0.984
Modal	17	0.02	0.064	0.235	0	0.701
Modal	18	0.02	0.055	0.069	0	0.876
Modal	19	0.02	0.002	0.002	0	0.997
Modal	20	0.019	0.002	0.035	0	0.963
Modal	21	0.019	0.007	0.067	0	0.926
Modal	22	0.019	0.003	0.001	0	0.995
Modal	23	0.018	0.025	0.001	0	0.974
Modal	24	0.018	0.361	0.309	0	0.33
Modal	25	0.018	0.005	0	0	0.994
Modal	26	0.018	0.592	0.003	0	0.405
Modal	27	0.017	0.111	0.008	0	0.881
Modal	28	0.017	0	0.029	0	0.971
Modal	29	0.017	0.055	0	0	0.945
Modal	30	0.017	0.627	0.05	0	0.322
Modal	31	0.017	0.791	0.019	0	0.19
Modal	32	0.017	0.191	0.016	0	0.794
Modal	33	0.016	0.009	0	0	0.991
Modal	34	0.016	0.001	0.244	0	0.755
Modal	35	0.016	0.877	0.004	0	0.12
Modal	36	0.016	0.95	0.014	0	0.037
Modal	37	0.016	0.354	0	0	0.646
Modal	38	0.016	0.247	0.501	0	0.252
Modal	39	0.016	0.016	0.021	0	0.963
Modal	40	0.016	0	0.008	0	0.992
Modal	41	0.016	0.014	0.004	0	0.982
Modal	42	0.015	0.012	0.003	0	0.985
Modal	43	0.015	0.007	0.002	0	0.991
Modal	44	0.015	0.001	0.003	0	0.996
Modal	45	0.015	0.023	0.009	0	0.968
Modal	46	0.015	0.28	0.004	0	0.716
Modal	47	0.015	0.118	0.027	0	0.855
Modal	48	0.015	0.031	0.046	0	0.923
Modal	49	0.015	0.066	0.687	0	0.247
Modal	50	0.015	0.024	0.391	0	0.585
Modal	51	0.015	0	0.601	0	0.398
Modal	52	0.015	0.092	0.773	0	0.135

Analysis Results

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	53	0.015	0.001	0.989	0	0.011
Modal	54	0.015	0.02	0.029	0	0.95
Modal	55	0.014	0.054	0.119	0	0.828
Modal	56	0.014	0.029	0.678	0	0.293
Modal	57	0.014	0.048	0.137	0	0.814
Modal	58	0.014	0.034	0.016	0	0.95
Modal	59	0.014	0.865	0.056	0	0.079
Modal	60	0.014	0.822	0.028	0	0.15