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SAP2000 Analysis Report

Model Name: modelo cercha sena.sdb

31 octubre 2024

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1. Model geometry

This section provides model geometry information, including items such as joint coordinates, joint restraints, and element connectivity.

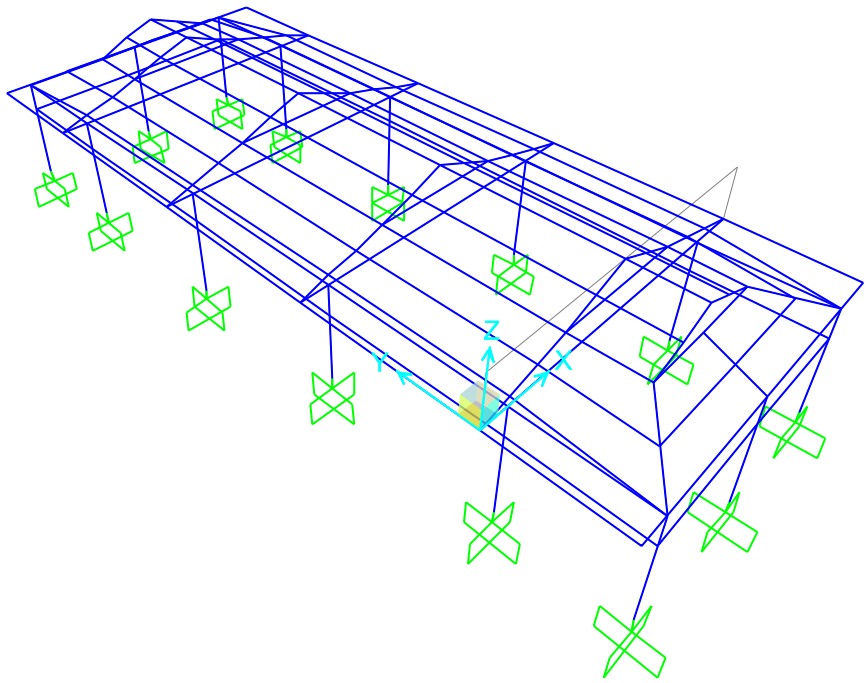


Figure 1: Finite element model

1.1. Joint coordinates

Table 1: Joint Coordinates

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			m	m	m
3	GLOBAL	Cartesian	9.86073	0.	0.
4	GLOBAL	Cartesian	0.	0.	0.
5	GLOBAL	Cartesian	6.75265	0.	0.80465
6	GLOBAL	Cartesian	4.71599	0.	1.59277
7	GLOBAL	Cartesian	2.68114	0.	0.80534
19	GLOBAL	Cartesian	9.86073	16.	0.
20	GLOBAL	Cartesian	0.	16.	0.
21	GLOBAL	Cartesian	6.75265	16.	0.80465
22	GLOBAL	Cartesian	4.71599	16.	1.59277
23	GLOBAL	Cartesian	2.68114	16.	0.80534
27	GLOBAL	Cartesian	9.86073	19.55	0.
28	GLOBAL	Cartesian	0.	19.55	0.
35	GLOBAL	Cartesian	9.86073	-3.55	0.
36	GLOBAL	Cartesian	0.	-3.55	0.
40	GLOBAL	Cartesian	0.01412	-3.55	0.00403
41	GLOBAL	Cartesian	0.85	0.	0.
42	GLOBAL	Cartesian	8.51073	0.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			m	m	m
46	GLOBAL	Cartesian	4.81073	0.	0.
51	GLOBAL	Cartesian	0.85	-3.55	0.
53	GLOBAL	Cartesian	8.51073	-3.55	0.
55	GLOBAL	Cartesian	4.81073	-3.55	0.
69	GLOBAL	Cartesian	0.85	19.55	0.
71	GLOBAL	Cartesian	8.51073	19.55	0.
73	GLOBAL	Cartesian	4.81073	19.55	0.
75	GLOBAL	Cartesian	2.73493	-2.	0.81893
76	GLOBAL	Cartesian	6.69706	-2.	0.81893
78	GLOBAL	Cartesian	6.69706	18.	0.81893
79	GLOBAL	Cartesian	2.73493	18.	0.81893
80	GLOBAL	Cartesian	4.71599	18.	1.59277
82	GLOBAL	Cartesian	4.71599	-2.	1.59277
83	GLOBAL	Cartesian	4.71599	18.	0.81893
84	GLOBAL	Cartesian	5.70653	18.	1.20585
85	GLOBAL	Cartesian	5.73432	16.	1.19871
87	GLOBAL	Cartesian	5.73432	0.	1.19871
88	GLOBAL	Cartesian	5.70653	-2.	1.20585
89	GLOBAL	Cartesian	3.69857	0.	1.19906
91	GLOBAL	Cartesian	3.69857	16.	1.19906
92	GLOBAL	Cartesian	3.72546	18.	1.20585
93	GLOBAL	Cartesian	3.72546	-2.	1.20585
94	GLOBAL	Cartesian	8.8247	16.	0.26822
95	GLOBAL	Cartesian	7.78867	16.	0.53643
96	GLOBAL	Cartesian	8.8247	0.	0.26822
97	GLOBAL	Cartesian	7.78867	0.	0.53643
98	GLOBAL	Cartesian	1.79213	0.	0.53824
99	GLOBAL	Cartesian	0.90313	0.	0.27114
104	GLOBAL	Cartesian	1.79213	16.	0.53824
105	GLOBAL	Cartesian	0.90313	16.	0.27114
109	GLOBAL	Cartesian	7.60389	18.775	0.40947
116	GLOBAL	Cartesian	1.79247	18.775	0.40947
122	GLOBAL	Cartesian	4.76336	18.775	0.40947
124	GLOBAL	Cartesian	1.79247	-2.775	0.40947
127	GLOBAL	Cartesian	7.60389	-2.775	0.40947
129	GLOBAL	Cartesian	4.71599	-2.	0.81893
130	GLOBAL	Cartesian	4.76336	-2.775	0.40947
211	GLOBAL	Cartesian	0.01412	10.65	0.00403
214	GLOBAL	Cartesian	9.86073	10.65	0.
216	GLOBAL	Cartesian	6.75265	10.65	0.80465
217	GLOBAL	Cartesian	5.73432	10.65	1.19871
218	GLOBAL	Cartesian	4.71599	10.65	1.59277
219	GLOBAL	Cartesian	3.69857	10.65	1.19906
220	GLOBAL	Cartesian	2.68114	10.65	0.80534
221	GLOBAL	Cartesian	8.8247	10.65	0.26822
222	GLOBAL	Cartesian	7.78867	10.65	0.53643
223	GLOBAL	Cartesian	1.79213	10.65	0.53824
224	GLOBAL	Cartesian	0.90313	10.65	0.27114
225	GLOBAL	Cartesian	0.01412	5.3	0.00403
228	GLOBAL	Cartesian	9.86073	5.3	0.
230	GLOBAL	Cartesian	6.75265	5.3	0.80465
231	GLOBAL	Cartesian	5.73432	5.3	1.19871
232	GLOBAL	Cartesian	4.71599	5.3	1.59277
233	GLOBAL	Cartesian	3.69857	5.3	1.19906

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			m	m	m
234	GLOBAL	Cartesian	2.68114	5.3	0.80534
235	GLOBAL	Cartesian	8.8247	5.3	0.26822
236	GLOBAL	Cartesian	7.78867	5.3	0.53643
237	GLOBAL	Cartesian	1.79213	5.3	0.53824
238	GLOBAL	Cartesian	0.90313	5.3	0.27114
251	GLOBAL	Cartesian	8.51073	5.3	0.
256	GLOBAL	Cartesian	8.51073	10.65	0.
258	GLOBAL	Cartesian	0.86412	10.65	0.00403
275	GLOBAL	Cartesian	0.85	19.55	-3.4
276	GLOBAL	Cartesian	8.51073	19.55	-3.4
277	GLOBAL	Cartesian	4.81073	19.55	-3.4
278	GLOBAL	Cartesian	0.85	-3.55	-3.4
279	GLOBAL	Cartesian	8.51073	-3.55	-3.4
280	GLOBAL	Cartesian	8.51073	0.	-3.4
282	GLOBAL	Cartesian	0.85	0.	-3.4
284	GLOBAL	Cartesian	4.81073	-3.55	-3.4
285	GLOBAL	Cartesian	0.86412	5.3	0.00403
286	GLOBAL	Cartesian	0.90313	5.3	-3.12886
287	GLOBAL	Cartesian	0.86412	10.65	-3.39597
288	GLOBAL	Cartesian	8.51073	10.65	-3.4
289	GLOBAL	Cartesian	8.51073	16.	0.
290	GLOBAL	Cartesian	8.51073	16.	-3.4
291	GLOBAL	Cartesian	0.85	16.	0.
292	GLOBAL	Cartesian	0.85	16.	-3.4
294	GLOBAL	Cartesian	8.51073	5.3	-3.4
295	GLOBAL	Cartesian	8.51073	-3.55	-0.9
296	GLOBAL	Cartesian	8.51073	0.	-0.9
297	GLOBAL	Cartesian	8.51073	5.3	-0.9
298	GLOBAL	Cartesian	8.51073	10.65	-0.9
299	GLOBAL	Cartesian	8.51073	16.	-0.9
300	GLOBAL	Cartesian	8.51073	19.55	-0.9
301	GLOBAL	Cartesian	0.85	-3.55	-0.9
302	GLOBAL	Cartesian	0.85	0.	-0.9
303	GLOBAL	Cartesian	0.86412	5.3	-0.89597
304	GLOBAL	Cartesian	0.86412	10.65	-0.89597
305	GLOBAL	Cartesian	0.85	16.	-0.9
306	GLOBAL	Cartesian	0.85	19.55	-0.9
307	GLOBAL	Cartesian	4.81073	-3.55	-0.9
308	GLOBAL	Cartesian	4.81073	19.55	-0.9

1.2. Joint restraints

Table 2: Joint Restraint Assignments

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
275	Yes	Yes	Yes	Yes	Yes	Yes
276	Yes	Yes	Yes	Yes	Yes	Yes
277	Yes	Yes	Yes	Yes	Yes	Yes
278	Yes	Yes	Yes	Yes	Yes	Yes

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
279	Yes	Yes	Yes	Yes	Yes	Yes
280	Yes	Yes	Yes	Yes	Yes	Yes
282	Yes	Yes	Yes	Yes	Yes	Yes
284	Yes	Yes	Yes	Yes	Yes	Yes
286	Yes	Yes	Yes	Yes	Yes	Yes
287	Yes	Yes	Yes	Yes	Yes	Yes
288	Yes	Yes	Yes	Yes	Yes	Yes
290	Yes	Yes	Yes	Yes	Yes	Yes
292	Yes	Yes	Yes	Yes	Yes	Yes
294	Yes	Yes	Yes	Yes	Yes	Yes

1.3. Element connectivity

Table 3: Connectivity - Frame

Table 3: Connectivity - Frame

Frame	JointI	JointJ	Length m
23	27	28	9.86073
30	35	36	9.86073
35	40	36	0.01468
81	80	22	2.
85	78	83	1.98106
86	83	79	1.98106
89	78	84	1.06342
90	84	80	1.06342
91	21	85	1.09191
92	85	22	1.09191
95	5	6	2.18383
97	82	88	1.06342
98	88	76	1.06342
103	6	7	2.1819
107	22	91	1.09095
108	91	23	1.09095
109	80	92	1.06342
110	92	79	1.06342
111	75	93	1.06342
112	93	82	1.06342
125	19	94	1.07018
126	94	95	1.07018
127	95	21	1.07018
128	3	5	3.21055
131	7	4	2.79948
140	23	104	0.92827
141	104	105	0.92827
157	71	78	2.52241
172	79	69	2.57412
180	83	122	0.8778
181	122	73	0.8778
182	109	122	2.84053
183	122	116	2.9709

Table 3: Connectivity - Frame

Frame	JointI	JointJ	Length
			m
186	51	75	2.57412
190	76	53	2.52241
196	75	129	1.98106
197	129	76	1.98106
199	129	130	0.8778
200	130	55	0.8778
201	124	130	2.9709
202	130	127	2.84053
313	3	4	9.86073
348	216	217	1.09191
349	217	218	1.09191
350	218	219	1.09095
351	219	220	1.09095
352	214	221	1.07018
353	221	222	1.07018
354	222	216	1.07018
355	220	223	0.92827
356	223	224	0.92827
357	224	211	0.92827
360	230	231	1.09191
361	231	232	1.09191
362	232	233	1.09095
363	233	234	1.09095
364	228	235	1.07018
365	235	236	1.07018
366	236	230	1.07018
367	234	237	0.92827
368	237	238	0.92827
369	238	225	0.92827
406	19	27	3.55
407	94	71	3.57394
408	95	109	2.78404
409	85	84	2.00021
410	91	92	2.00019
411	104	116	2.77799
413	4	36	3.55
415	98	124	2.77799
416	89	93	2.00019
421	7	5	4.07151
422	234	230	4.07151
423	220	216	4.07151
424	23	21	4.07151
425	79	23	2.00077
426	21	78	2.00082
430	7	75	2.00077
431	76	5	2.00082
445	105	69	3.56074
446	35	3	3.55
448	127	97	2.78404
449	96	53	3.57394
450	87	88	2.00021
451	82	6	2.
459	3	228	5.3
460	96	235	5.3

Table 3: Connectivity - Frame

Frame	JointI	JointJ	Length
			m
461	97	236	5.3
462	87	231	5.3
465	99	51	3.56074
468	228	214	5.35
469	235	221	5.35
470	236	222	5.35
471	225	211	5.35
472	238	224	5.35
473	237	223	5.35
474	5	230	5.3
475	230	216	5.35
478	234	220	5.35
480	232	218	5.35
483	231	217	5.35
484	233	219	5.35
493	214	211	9.84661
495	19	20	9.86073
496	28	20	3.55
509	275	69	3.4
510	276	71	3.4
511	277	73	3.4
512	53	279	3.4
513	51	278	3.4
515	55	284	3.4
517	225	228	9.84661
518	41	282	3.4
519	42	280	3.4
521	285	286	3.13314
522	258	287	3.4
523	256	288	3.4
524	289	290	3.4
525	291	292	3.4
526	214	19	5.35
529	216	21	5.35
532	218	22	5.35
535	220	23	5.35
538	219	91	5.35
541	217	85	5.35
544	211	20	5.35002
547	221	94	5.35
550	222	95	5.35
553	223	104	5.35
556	105	224	5.35
557	105	20	0.94295
558	51	41	3.55
559	41	285	5.30002
560	285	258	5.35
561	258	291	5.35002
562	291	69	3.55
563	251	294	3.4
564	53	42	3.55
565	42	251	5.3
566	251	256	5.35
567	256	289	5.35

Table 3: Connectivity - Frame

Frame	JointI	JointJ	Length m
568	289	71	3.55
569	295	296	3.55
570	296	297	5.3
571	297	298	5.35
572	298	299	5.35
573	299	300	3.55
574	301	302	3.55
575	302	303	5.30002
576	303	304	5.35
577	304	305	5.35002
578	305	306	3.55
581	301	307	3.96073
582	307	295	3.7
585	300	308	3.7
586	308	306	3.96073
587	225	4	5.30002
590	89	233	5.3
593	98	237	5.3
596	238	99	5.3
599	7	234	5.3
610	6	232	5.3

Table 4: Frame Section Assignments

Table 4: Frame Section Assignments

Frame	AnalSect	DesignSect	MatProp
23	250x250x8.00MM-1	250x250x8.00MM-1	Default
30	250x250x8.00MM-1	250x250x8.00MM-1	Default
35	W18X35	W18X35	Default
81	200x200x5.00MM	200x200x5.00MM	Default
85	200x200x5.00MM	200x200x5.00MM	Default
86	200x200x5.00MM	200x200x5.00MM	Default
89	200x200x5.00MM	200x200x5.00MM	Default
90	200x200x5.00MM	200x200x5.00MM	Default
91	200x200x5.00MM	200x200x5.00MM	Default
92	200x200x5.00MM	200x200x5.00MM	Default
95	200x200x5.00MM	200x200x5.00MM	Default
97	200x200x5.00MM	200x200x5.00MM	Default
98	200x200x5.00MM	200x200x5.00MM	Default
103	200x200x5.00MM	200x200x5.00MM	Default

Table 4: Frame Section Assignments

Frame	AnalSect	DesignSect	MatProp
107	200x200x5.00MM	200x200x5.00MM	Default
108	200x200x5.00MM	200x200x5.00MM	Default
109	200x200x5.00MM	200x200x5.00MM	Default
110	200x200x5.00MM	200x200x5.00MM	Default
111	200x200x5.00MM	200x200x5.00MM	Default
112	200x200x5.00MM	200x200x5.00MM	Default
125	200x200x5.00MM	200x200x5.00MM	Default
126	200x200x5.00MM	200x200x5.00MM	Default
127	200x200x5.00MM	200x200x5.00MM	Default
128	200x200x5.00MM	200x200x5.00MM	Default
131	200x200x5.00MM	200x200x5.00MM	Default
140	200x200x5.00MM	200x200x5.00MM	Default
141	200x200x5.00MM	200x200x5.00MM	Default
157	200x200x5.00MM	200x200x5.00MM	Default
172	200x200x5.00MM	200x200x5.00MM	Default
180	200x200x5.00MM	200x200x5.00MM	Default
181	200x200x5.00MM	200x200x5.00MM	Default
182	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
183	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
186	200x200x5.00MM	200x200x5.00MM	Default
190	200x200x5.00MM	200x200x5.00MM	Default
196	200x200x5.00MM	200x200x5.00MM	Default
197	200x200x5.00MM	200x200x5.00MM	Default
199	200x200x5.00MM	200x200x5.00MM	Default
200	200x200x5.00MM	200x200x5.00MM	Default
201	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
202	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
313	250x250x8.00MM-1	250x250x8.00MM-1	Default
348	200x200x5.00MM	200x200x5.00MM	Default
349	200x200x5.00MM	200x200x5.00MM	Default

Table 4: Frame Section Assignments

Frame	AnalSect	DesignSect	MatProp
350	200x200x5.00MM	200x200x5.00MM	Default
351	200x200x5.00MM	200x200x5.00MM	Default
352	200x200x5.00MM	200x200x5.00MM	Default
353	200x200x5.00MM	200x200x5.00MM	Default
354	200x200x5.00MM	200x200x5.00MM	Default
355	200x200x5.00MM	200x200x5.00MM	Default
356	200x200x5.00MM	200x200x5.00MM	Default
357	200x200x5.00MM	200x200x5.00MM	Default
360	200x200x5.00MM	200x200x5.00MM	Default
361	200x200x5.00MM	200x200x5.00MM	Default
362	200x200x5.00MM	200x200x5.00MM	Default
363	200x200x5.00MM	200x200x5.00MM	Default
364	250x250x8.00MM-1	250x250x8.00MM-1	Default
365	200x200x5.00MM	200x200x5.00MM	Default
366	200x200x5.00MM	200x200x5.00MM	Default
367	200x200x5.00MM	200x200x5.00MM	Default
368	200x200x5.00MM	200x200x5.00MM	Default
369	200x200x5.00MM	200x200x5.00MM	Default
406	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
407	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
408	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
409	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
410	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
411	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
413	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
415	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
416	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
421	200x200x5.00MM	200x200x5.00MM	Default
422	200x200x5.00MM	200x200x5.00MM	Default
423	200x200x5.00MM	200x200x5.00MM	Default

Table 4: Frame Section Assignments

Frame	AnalSect	DesignSect	MatProp
424	200x200x5.00MM	200x200x5.00MM	Default
425	200x200x5.00MM	200x200x5.00MM	Default
426	200x200x5.00MM	200x200x5.00MM	Default
430	200x200x5.00MM	200x200x5.00MM	Default
431	200x200x5.00MM	200x200x5.00MM	Default
445	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
446	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
448	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
449	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
450	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
451	200x200x5.00MM	200x200x5.00MM	Default
459	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
460	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
461	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
462	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
465	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
468	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
469	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
470	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
471	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
472	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
473	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
474	200x200x5.00MM	200x200x5.00MM	Default
475	200x200x5.00MM	200x200x5.00MM	Default
478	200x200x5.00MM	200x200x5.00MM	Default
480	200x200x5.00MM	200x200x5.00MM	Default
483	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
484	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
493	250x250x8.00MM-1	250x250x8.00MM-1	Default
495	250x250x8.00MM-1	250x250x8.00MM-1	Default

Table 4: Frame Section Assignments

Frame	AnalSect	DesignSect	MatProp
496	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
509	COL 30X30	COL 30X30	Default
510	COL 30X30	COL 30X30	Default
511	COL 30X30	COL 30X30	Default
512	COL 30X30	COL 30X30	Default
513	COL 30X30	COL 30X30	Default
515	COL 30X30	COL 30X30	Default
517	250x250x8.00MM-1	250x250x8.00MM-1	Default
518	COL 30X30	COL 30X30	Default
519	COL 30X30	COL 30X30	Default
521	COL 30X30	COL 30X30	Default
522	COL 30X30	COL 30X30	Default
523	COL 30X30	COL 30X30	Default
524	COL 30X30	COL 30X30	Default
525	COL 30X30	COL 30X30	Default
526	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
529	200x200x5.00MM	200x200x5.00MM	Default
532	200x200x5.00MM	200x200x5.00MM	Default
535	200x200x5.00MM	200x200x5.00MM	Default
538	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
541	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
544	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
547	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
550	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
553	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
556	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
557	200x200x5.00MM	200x200x5.00MM	Default
558	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
559	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
560	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
561	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
562	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
563	COL 30X30	COL 30X30	Default
564	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
565	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
566	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default

Table 4: Frame Section Assignments

Frame	AnalSect	DesignSect	MatProp
567	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
568	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
569	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
570	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
571	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
572	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
573	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
574	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
575	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
576	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
577	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
578	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
581	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
582	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
585	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
586	2PAG220X80X20X3.00MM-1	2PAG220X80X20X3.00MM-1	Default
587	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
590	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
593	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
596	2PAG150X60X17X1.50MM	2PAG150X60X17X1.50MM	Default
599	200x200x5.00MM	200x200x5.00MM	Default
610	200x200x5.00MM	200x200x5.00MM	Default

Table 5: Frame Release Assignments 1 - General, Part 1 of 2

Table 5: Frame Release Assignments 1 - General, Part 1 of 2

Frame	PI	V2I	V3I	TI	M2I	M3I
85	No	No	No	No	Yes	Yes
86	No	No	No	No	Yes	Yes

Table 5: Frame Release Assignments 1 - General, Part 2 of 2

Table 5: Frame Release Assignments 1 - General, Part 2 of 2

Frame	PJ	V2J	V3J	TJ	M2J	M3J
85	No	No	No	No	Yes	Yes
86	No	No	No	No	Yes	Yes

2. Material properties

This section provides material property information for materials used in the model.

Table 6: Material Properties 02 - Basic Mechanical Properties

Table 6: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Tonf/m3	Tonf-s2/m4	Tonf/m2	Tonf/m2		1/C
4000Psi	2.4028E+00	2.4501E-01	2534563.54	1056068.14	0.2	9.9000E-06
A416Gr270	7.8490E+00	8.0038E-01	20037484.34			1.1700E-05
A500GrB46	7.8490E+00	8.0038E-01	20389019.16	7841930.45	0.3	1.1700E-05
A572Gr50	7.8490E+00	8.0038E-01	20389019.16	7841930.45	0.3	1.1700E-05
A615Gr60	7.8490E+00	8.0038E-01	20389019.16			1.1700E-05
A653SQGr50	7.8490E+00	8.0038E-01	20740553.97	7977136.14	0.3	1.1700E-05
A992Fy50	7.8490E+00	8.0038E-01	20389019.16	7841930.45	0.3	1.1700E-05

Table 7: Material Properties 03a - Steel Data

Table 7: Material Properties 03a - Steel Data

Material	Fy	Fu	FinalSlope	CoupModType
	Tonf/m2	Tonf/m2		
A500GrB46	32341.2	40778.04	-0.1	Von Mises
A572Gr50	35153.48	45699.53	-0.1	Von Mises
A992Fy50	35153.48	45699.53	-0.1	Von Mises

Table 8: Material Properties 03b - Concrete Data

Table 8: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope	CoupModType
	Tonf/m2	Tonf/m2		
4000Psi	2812.28	2812.28	-0.1	Modified Darwin-Peck nold

Table 9: Material Properties 03d - Cold Formed Data

Table 9: Material Properties 03d - Cold Formed Data

Material	Fy	Fu	CoupModType
	Tonf/m2	Tonf/m2	
A653SQGr50	35153.48	45699.53	Von Mises

Table 10: Material Properties 03e - Rebar Data

Table 10: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope	CoupModType
	Tonf/m2	Tonf/m2		
A615Gr60	42184.18	63276.27	-0.1	Von Mises

Table 11: Material Properties 03f - Tendon Data

Table 11: Material Properties 03f - Tendon Data

Material	Fy	Fu	FinalSlope	CoupModType
	Tonf/m2	Tonf/m2		
A416Gr270	172322.37	189828.8	-0.1	Von Mises

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 12: Frame Section Properties 01 - General, Part 1 of 7

Table 12: Frame Section Properties 01 - General, Part 1 of 7

SectionName	Material	Shape	t3	t2	tf	FilletRadius	tw
			m	m	m	m	m
200x200x5.00MM	A500GrB46	Box/Tube	0.2	0.2	0.005	0.	0.005
250x250x8.00MM-1	A500GrB46	Box/Tube	0.25	0.25	0.008	0.	0.008
2PAG150X60X17X1.50MM	A572Gr50	Box/Tube	0.16	0.12	0.002	0.	0.002
2PAG220X80X20X3.00MM-1	A572Gr50	Box/Tube	0.22	0.16	0.003	0.	0.003
2X2X1.50	A500GrB46	Box/Tube	0.025	0.025	0.0015	0.	0.0015
2X2X2.0	A500GrB46	Box/Tube	0.025	0.025	0.0025	0.	0.0025
3X3X3.00	A500GrB46	Box/Tube	0.075	0.075	0.003	0.	0.003
4X4X2.50	A500GrB46	Box/Tube	0.1	0.1	0.0025	0.	0.0025
51/3X51/3X4.00	A500GrB46	Box/Tube	0.135	0.135	0.004	0.	0.004
6X6X4.00	A500GrB46	Box/Tube	0.15	0.15	0.004	0.	0.004
AUTO1		Auto Select					

Table 12: Frame Section Properties 01 - General, Part 1 of 7

SectionName	Material	Shape	t3	t2	tf	FilletRadius	tw
			m	m	m	m	m
COL 30X30	4000Psi	Rectangular	0.3	0.3			
CORRE	A572Gr50	Cold Formed C	0.16	0.06			0.002
corre22	A572Gr50	Channel	0.16	0.06	0.002	0.	0.002
FSEC1	A992Fy50	Channel	1.6	0.6	0.0002	0.	0.00635
W18X35	A992Fy50	I/Wide Flange	0.44958	0.1524	0.010795	0.010211	0.00762

Table 12: Frame Section Properties 01 - General, Part 2 of 7

Table 12: Frame Section Properties 01 - General, Part 2 of 7

SectionName	t2b	tfb
	m	m
200x200x5.00MM		
250x250x8.00MM-1		
2PAG150X60X17X1.50MM		
2PAG220X80X20X3.00MM-1		
2X2X1.50		
2X2X2.0		
3X3X3.00		
4X4X2.50		
51/3X51/3X4.00		
6X6X4.00		
AUTO1		
COL 30X30		
CORRE		
corre22		
FSEC1		
W18X35	0.1524	0.010795

Table 12: Frame Section Properties 01 - General, Part 3 of 7

Table 12: Frame Section Properties 01 - General, Part 3 of 7

SectionName	Area	TorsConst	I33	S33Top	I22	S33Bot	I23	AS2
	m2	m4	m4	m3	m4	m3	m4	m2
200x200x5.00MM	0.0039	0.000037	0.000025	0.000247	0.000025	0.000247	0.	0.002
250x250x8.00MM-1	0.007744	0.000113	0.000076	0.000605	0.000076	0.000605	0.	0.004
2PAG150X60X17X1.50MM	0.001104	5.038E-06	4.261E-06	0.000053	2.748E-06	0.000053	0.	0.00064
2PAG220X80X20X3.00MM-1	0.002244	0.000019	0.000016	0.000147	9.961E-06	0.000147	0.	0.00132
2X2X1.50	0.000141	1.947E-08	1.303E-08	1.042E-06	1.303E-08	1.042E-06	0.	0.000075
2X2X2.0	0.000225	2.848E-08	1.922E-08	1.538E-06	1.922E-08	1.538E-06	0.	0.000125
3X3X3.00	0.000864	1.120E-06	7.478E-07	0.00002	7.478E-07	0.00002	0.	0.00045
4X4X2.50	0.000975	2.317E-06	1.546E-06	0.000031	1.546E-06	0.000031	0.	0.0005
51/3X51/3X4.00	0.002096	8.992E-06	6.000E-06	0.000089	6.000E-06	0.000089	0.	0.00108
6X6X4.00	0.002336	0.000012	8.305E-06	0.000111	8.305E-06	0.000111	0.	0.0012
AUTO1								
COL 30X30	0.09	0.001141	0.000675	0.0045	0.000675	0.0045	0.	0.075

Table 12: Frame Section Properties 01 - General, Part 3 of 7

SectionName	Area	TorsConst	I33	S33Top	I22	S33Bot	I23	AS2
	m2	m4	m4	m3	m4	m3	m4	m2
CORRE	0.00057	7.594E-10	2.194E-06	0.000027	2.402E-07	0.000027	0.	0.000287
corre22	0.000552	7.259E-10	2.131E-06	0.000027	1.862E-07	0.000027	0.	0.00032
FSEC1	0.010397	1.362E-07	0.002319	0.002899	0.000028	0.002899	0.	0.01016
W18X35	0.006645	2.106E-07	0.000212	0.000944	6.368E-06	0.000944	0.	0.003426

Table 12: Frame Section Properties 01 - General, Part 4 of 7

Table 12: Frame Section Properties 01 - General, Part 4 of 7

SectionName	S22Left	S22Right	AS3
	m3	m3	m2
200x200x5.00MM	0.000247	0.000247	0.002
250x250x8.00MM-1	0.000605	0.000605	0.004
2PAG150X60X17X1.50MM	0.000046	0.000046	0.00048
2PAG220X80X20X3.00MM-1	0.000125	0.000125	0.00096
2X2X1.50	1.042E-06	1.042E-06	0.000075
2X2X2.0	1.538E-06	1.538E-06	0.000125
3X3X3.00	0.00002	0.00002	0.00045
4X4X2.50	0.000031	0.000031	0.0005
51/3X51/3X4.00	0.000089	0.000089	0.00108
6X6X4.00	0.000111	0.000111	0.0012
AUTO1			
COL 30X30	0.0045	0.0045	0.075
CORRE	0.000015	5.497E-06	0.000173
corre22	0.000014	4.013E-06	0.00024
FSEC1	0.002782	0.000047	0.00024
W18X35	0.000084	0.000084	0.002742

Table 12: Frame Section Properties 01 - General, Part 5 of 7

Table 12: Frame Section Properties 01 - General, Part 5 of 7

SectionName	Z33	Z22	CGOffset3	R33	CGOffset2	R22
	m3	m3	m	m	m	m
200x200x5.00MM	0.000285	0.000285	0.	0.079635	0.	0.079635
250x250x8.00MM-1	0.000703	0.000703	0.	0.09885	0.	0.09885
2PAG150X60X17X1.50MM	0.000062	0.000051	0.	0.062128	0.	0.049894
2PAG220X80X20X3.00MM-1	0.000173	0.000139	0.	0.084972	0.	0.066626
2X2X1.50	1.244E-06	1.244E-06	0.	0.009613	0.	0.009613
2X2X2.0	1.906E-06	1.906E-06	0.	0.009242	0.	0.009242
3X3X3.00	0.000023	0.000023	0.	0.029419	0.	0.029419
4X4X2.50	0.000036	0.000036	0.	0.039817	0.	0.039817
51/3X51/3X4.00	0.000103	0.000103	0.	0.053505	0.	0.053505
6X6X4.00	0.000128	0.000128	0.	0.059627	0.	0.059627
AUTO1						
COL 30X30	0.00675	0.00675	0.	0.086603	0.	0.086603
CORRE	0.000027	5.497E-06	0.013707	0.062071	0.	0.020537

Table 12: Frame Section Properties 01 - General, Part 5 of 7

SectionName	Z33	Z22	CGOffset3	R33	CGOffset2	R22
	m3	m3	m	m	m	m
corre22	0.000031	7.036E-06	0.	0.062128	0.016391	0.018366
FSEC1	0.004254	0.000087	0.	0.472307	0.289974	0.051793
W18X35	0.00109	0.000132	0.	0.178731	0.	0.030957

Table 12: Frame Section Properties 01 - General, Part 6 of 7

Table 12: Frame Section Properties 01 - General, Part 6 of 7

SectionName	EccV2	EccV3	Cw	IncludeSCAn	AMod	A2Mod	A3Mod	JMod
	m	m	m6					
200x200x5.00MM	0.	0.	0.		1.	1.	1.	1.
250x250x8.00MM-1	0.	0.	0.		1.	1.	1.	1.
2PAG150X60X17X1.50MM	0.	0.	0.		1.	1.	1.	1.
2PAG220X80X20X3.00MM-1	0.	0.	0.		1.	1.	1.	1.
2X2X1.50	0.	0.	0.		1.	1.	1.	1.
2X2X2.0	0.	0.	0.		1.	1.	1.	1.
3X3X3.00	0.	0.	0.		1.	1.	1.	1.
4X4X2.50	0.	0.	0.		1.	1.	1.	1.
51/3X51/3X4.00	0.	0.	0.		1.	1.	1.	1.
6X6X4.00	0.	0.	0.		1.	1.	1.	1.
AUTO1								
COL 30X30	0.	0.	0.		1.	1.	1.	1.
CORRE	0.040251	0.	1.291E-09	Yes	1.	1.	1.	1.
corre22	0.049396	0.	8.230E-10	Yes	1.	1.	1.	1.
FSEC1	0.316478	0.	0.000017	Yes	1.	1.	1.	1.
W18X35	0.	0.	0.		1.	1.	1.	1.

Table 12: Frame Section Properties 01 - General, Part 7 of 7

Table 12: Frame Section Properties 01 - General, Part 7 of 7

SectionName	I2Mod	I3Mod	MMod	WMod
200x200x5.00MM	1.	1.	1.	1.
250x250x8.00MM-1	1.	1.	1.	1.
2PAG150X60X17X1.50MM	1.	1.	1.	1.
2PAG220X80X20X3.00MM-1	1.	1.	1.	1.
2X2X1.50	1.	1.	1.	1.
2X2X2.0	1.	1.	1.	1.
3X3X3.00	1.	1.	1.	1.
4X4X2.50	1.	1.	1.	1.
51/3X51/3X4.00	1.	1.	1.	1.
6X6X4.00	1.	1.	1.	1.
AUTO1				
COL 30X30	1.	1.	1.	1.
CORRE	1.	1.	1.	1.
corre22	1.	1.	1.	1.

Table 12: Frame Section Properties 01 - General, Part 7 of 7

SectionName	I2Mod	I3Mod	MMod	WMod
FSEC1	1.	1.	1.	1.
W18X35	1.	1.	1.	1.

Table 13: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 13: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir
					m		
COL 30X30	A615Gr60	A615Gr60	Rectangular	Ties	0.05	3	3

Table 13: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 13: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeL	BarSizeC	SpacingC	NumCBars2	NumCBars3
			m		
COL 30X30	#5	#3	0.15	3	3

Table 14: Frame Property Modifiers, Part 1 of 2

Table 14: Frame Property Modifiers, Part 1 of 2

Frame	AMod	AS2Mod	AS3Mod	JMod	I22Mod	I33Mod	MassMod	WeightMod
23	1.	1.	1.	1.	1.	1.	1.	1.
30	1.	1.	1.	1.	1.	1.	1.	1.
35	1.	1.	1.	1.	1.	1.	1.	1.
81	1.	1.	1.	1.	1.	1.	1.	1.
85	1.	1.	1.	1.	1.	1.	1.	1.
86	1.	1.	1.	1.	1.	1.	1.	1.
89	1.	1.	1.	1.	1.	1.	1.	1.
90	1.	1.	1.	1.	1.	1.	1.	1.
91	1.	1.	1.	1.	1.	1.	1.	1.
92	1.	1.	1.	1.	1.	1.	1.	1.
95	1.	1.	1.	1.	1.	1.	1.	1.
97	1.	1.	1.	1.	1.	1.	1.	1.
98	1.	1.	1.	1.	1.	1.	1.	1.
103	1.	1.	1.	1.	1.	1.	1.	1.
107	1.	1.	1.	1.	1.	1.	1.	1.
108	1.	1.	1.	1.	1.	1.	1.	1.
109	1.	1.	1.	1.	1.	1.	1.	1.
110	1.	1.	1.	1.	1.	1.	1.	1.
111	1.	1.	1.	1.	1.	1.	1.	1.
112	1.	1.	1.	1.	1.	1.	1.	1.
125	1.	1.	1.	1.	1.	1.	1.	1.
126	1.	1.	1.	1.	1.	1.	1.	1.
127	1.	1.	1.	1.	1.	1.	1.	1.
128	1.	1.	1.	1.	1.	1.	1.	1.
131	1.	1.	1.	1.	1.	1.	1.	1.
140	1.	1.	1.	1.	1.	1.	1.	1.
141	1.	1.	1.	1.	1.	1.	1.	1.

Table 14: Frame Property Modifiers, Part 1 of 2

Frame	AMod	AS2Mod	AS3Mod	JMod	I22Mod	I33Mod	MassMod	WeightMod
157	1.	1.	1.	1.	1.	1.	1.	1.
172	1.	1.	1.	1.	1.	1.	1.	1.
180	1.	1.	1.	1.	1.	1.	1.	1.
181	1.	1.	1.	1.	1.	1.	1.	1.
182	1.	1.	1.	1.	1.	1.	1.	1.
183	1.	1.	1.	1.	1.	1.	1.	1.
186	1.	1.	1.	1.	1.	1.	1.	1.
190	1.	1.	1.	1.	1.	1.	1.	1.
196	1.	1.	1.	1.	1.	1.	1.	1.
197	1.	1.	1.	1.	1.	1.	1.	1.
199	1.	1.	1.	1.	1.	1.	1.	1.
200	1.	1.	1.	1.	1.	1.	1.	1.
201	1.	1.	1.	1.	1.	1.	1.	1.
202	1.	1.	1.	1.	1.	1.	1.	1.
313	1.	1.	1.	1.	1.	1.	1.	1.
348	1.	1.	1.	1.	1.	1.	1.	1.
349	1.	1.	1.	1.	1.	1.	1.	1.
350	1.	1.	1.	1.	1.	1.	1.	1.
351	1.	1.	1.	1.	1.	1.	1.	1.
352	1.	1.	1.	1.	1.	1.	1.	1.
353	1.	1.	1.	1.	1.	1.	1.	1.
354	1.	1.	1.	1.	1.	1.	1.	1.
355	1.	1.	1.	1.	1.	1.	1.	1.
356	1.	1.	1.	1.	1.	1.	1.	1.
357	1.	1.	1.	1.	1.	1.	1.	1.
360	1.	1.	1.	1.	1.	1.	1.	1.
361	1.	1.	1.	1.	1.	1.	1.	1.
362	1.	1.	1.	1.	1.	1.	1.	1.
363	1.	1.	1.	1.	1.	1.	1.	1.
364	1.	1.	1.	1.	1.	1.	1.	1.
365	1.	1.	1.	1.	1.	1.	1.	1.
366	1.	1.	1.	1.	1.	1.	1.	1.
367	1.	1.	1.	1.	1.	1.	1.	1.
368	1.	1.	1.	1.	1.	1.	1.	1.
369	1.	1.	1.	1.	1.	1.	1.	1.
406	1.	1.	1.	1.	1.	1.	1.	1.
407	1.	1.	1.	1.	1.	1.	1.	1.
408	1.	1.	1.	1.	1.	1.	1.	1.
409	1.	1.	1.	1.	1.	1.	1.	1.
410	1.	1.	1.	1.	1.	1.	1.	1.
411	1.	1.	1.	1.	1.	1.	1.	1.
413	1.	1.	1.	1.	1.	1.	1.	1.
415	1.	1.	1.	1.	1.	1.	1.	1.
416	1.	1.	1.	1.	1.	1.	1.	1.
421	1.	1.	1.	1.	1.	1.	1.	1.
422	1.	1.	1.	1.	1.	1.	1.	1.
423	1.	1.	1.	1.	1.	1.	1.	1.
424	1.	1.	1.	1.	1.	1.	1.	1.
425	1.	1.	1.	1.	1.	1.	1.	1.
426	1.	1.	1.	1.	1.	1.	1.	1.
430	1.	1.	1.	1.	1.	1.	1.	1.
431	1.	1.	1.	1.	1.	1.	1.	1.
445	1.	1.	1.	1.	1.	1.	1.	1.
446	1.	1.	1.	1.	1.	1.	1.	1.

Table 14: Frame Property Modifiers, Part 1 of 2

Frame	AMod	AS2Mod	AS3Mod	JMod	I22Mod	I33Mod	MassMod	WeightMod
448	1.	1.	1.	1.	1.	1.	1.	1.
449	1.	1.	1.	1.	1.	1.	1.	1.
450	1.	1.	1.	1.	1.	1.	1.	1.
451	1.	1.	1.	1.	1.	1.	1.	1.
459	1.	1.	1.	1.	1.	1.	1.	1.
460	1.	1.	1.	1.	1.	1.	1.	1.
461	1.	1.	1.	1.	1.	1.	1.	1.
462	1.	1.	1.	1.	1.	1.	1.	1.
465	1.	1.	1.	1.	1.	1.	1.	1.
468	1.	1.	1.	1.	1.	1.	1.	1.
469	1.	1.	1.	1.	1.	1.	1.	1.
470	1.	1.	1.	1.	1.	1.	1.	1.
471	1.	1.	1.	1.	1.	1.	1.	1.
472	1.	1.	1.	1.	1.	1.	1.	1.
473	1.	1.	1.	1.	1.	1.	1.	1.
474	1.	1.	1.	1.	1.	1.	1.	1.
475	1.	1.	1.	1.	1.	1.	1.	1.
478	1.	1.	1.	1.	1.	1.	1.	1.
480	1.	1.	1.	1.	1.	1.	1.	1.
483	1.	1.	1.	1.	1.	1.	1.	1.
484	1.	1.	1.	1.	1.	1.	1.	1.
493	1.	1.	1.	1.	1.	1.	1.	1.
495	1.	1.	1.	1.	1.	1.	1.	1.
496	1.	1.	1.	1.	1.	1.	1.	1.
517	1.	1.	1.	1.	1.	1.	1.	1.
526	1.	1.	1.	1.	1.	1.	1.	1.
529	1.	1.	1.	1.	1.	1.	1.	1.
532	1.	1.	1.	1.	1.	1.	1.	1.
535	1.	1.	1.	1.	1.	1.	1.	1.
538	1.	1.	1.	1.	1.	1.	1.	1.
541	1.	1.	1.	1.	1.	1.	1.	1.
544	1.	1.	1.	1.	1.	1.	1.	1.
547	1.	1.	1.	1.	1.	1.	1.	1.
550	1.	1.	1.	1.	1.	1.	1.	1.
553	1.	1.	1.	1.	1.	1.	1.	1.
556	1.	1.	1.	1.	1.	1.	1.	1.
557	1.	1.	1.	1.	1.	1.	1.	1.
558	1.	1.	1.	1.	1.	1.	1.	1.
559	1.	1.	1.	1.	1.	1.	1.	1.
560	1.	1.	1.	1.	1.	1.	1.	1.
561	1.	1.	1.	1.	1.	1.	1.	1.
562	1.	1.	1.	1.	1.	1.	1.	1.
564	1.	1.	1.	1.	1.	1.	1.	1.
565	1.	1.	1.	1.	1.	1.	1.	1.
566	1.	1.	1.	1.	1.	1.	1.	1.
567	1.	1.	1.	1.	1.	1.	1.	1.
568	1.	1.	1.	1.	1.	1.	1.	1.
569	1.	1.	1.	1.	1.	1.	1.	1.
570	1.	1.	1.	1.	1.	1.	1.	1.
571	1.	1.	1.	1.	1.	1.	1.	1.
572	1.	1.	1.	1.	1.	1.	1.	1.
573	1.	1.	1.	1.	1.	1.	1.	1.
574	1.	1.	1.	1.	1.	1.	1.	1.
575	1.	1.	1.	1.	1.	1.	1.	1.

Table 14: Frame Property Modifiers, Part 1 of 2

Frame	AMod	AS2Mod	AS3Mod	JMod	I22Mod	I33Mod	MassMod	WeightMod
576	1.	1.	1.	1.	1.	1.	1.	1.
577	1.	1.	1.	1.	1.	1.	1.	1.
578	1.	1.	1.	1.	1.	1.	1.	1.
581	1.	1.	1.	1.	1.	1.	1.	1.
582	1.	1.	1.	1.	1.	1.	1.	1.
585	1.	1.	1.	1.	1.	1.	1.	1.
586	1.	1.	1.	1.	1.	1.	1.	1.
587	1.	1.	1.	1.	1.	1.	1.	1.
590	1.	1.	1.	1.	1.	1.	1.	1.
593	1.	1.	1.	1.	1.	1.	1.	1.
596	1.	1.	1.	1.	1.	1.	1.	1.
599	1.	1.	1.	1.	1.	1.	1.	1.
610	1.	1.	1.	1.	1.	1.	1.	1.

Table 14: Frame Property Modifiers, Part 2 of 2

Table 14: Frame Property Modifiers, Part 2 of 2

Frame	EAModifier	EIModifier
23	0.8	0.8
30	0.8	0.8
35	0.8	0.8
81	0.8	0.8
85	0.8	0.8
86	0.8	0.8
89	0.8	0.8
90	0.8	0.8
91	0.8	0.8
92	0.8	0.8
95	0.8	0.8
97	0.8	0.8
98	0.8	0.8
103	0.8	0.8
107	0.8	0.8
108	0.8	0.8
109	0.8	0.8
110	0.8	0.8
111	0.8	0.8
112	0.8	0.8
125	0.8	0.8
126	0.8	0.8
127	0.8	0.8
128	0.8	0.8
131	0.8	0.8
140	0.8	0.8
141	0.8	0.8
157	0.8	0.8
172	0.8	0.8
180	0.8	0.8
181	0.8	0.8
182	0.8	0.8
183	0.8	0.8
186	0.8	0.8

Table 14: Frame Property Modifiers, Part 2 of 2

Frame	EAModifier	EIModifier
190	0.8	0.8
196	0.8	0.8
197	0.8	0.8
199	0.8	0.8
200	0.8	0.8
201	0.8	0.8
202	0.8	0.8
313	0.8	0.8
348	0.8	0.8
349	0.8	0.8
350	0.8	0.8
351	0.8	0.8
352	0.8	0.8
353	0.8	0.8
354	0.8	0.8
355	0.8	0.8
356	0.8	0.8
357	0.8	0.8
360	0.8	0.8
361	0.8	0.8
362	0.8	0.8
363	0.8	0.8
364	0.8	0.8
365	0.8	0.8
366	0.8	0.8
367	0.8	0.8
368	0.8	0.8
369	0.8	0.8
406	0.8	0.8
407	0.8	0.8
408	0.8	0.8
409	0.8	0.8
410	0.8	0.8
411	0.8	0.8
413	0.8	0.8
415	0.8	0.8
416	0.8	0.8
421	0.8	0.8
422	0.8	0.8
423	0.8	0.8
424	0.8	0.8
425	0.8	0.8
426	0.8	0.8
430	0.8	0.8
431	0.8	0.8
445	0.8	0.8
446	0.8	0.8
448	0.8	0.8
449	0.8	0.8
450	0.8	0.8
451	0.8	0.8
459	0.8	0.8
460	0.8	0.8

Table 14: Frame Property Modifiers, Part 2 of 2

Frame	EAModifier	EIModifier
461	0.8	0.8
462	0.8	0.8
465	0.8	0.8
468	0.8	0.8
469	0.8	0.8
470	0.8	0.8
471	0.8	0.8
472	0.8	0.8
473	0.8	0.8
474	0.8	0.8
475	0.8	0.8
478	0.8	0.8
480	0.8	0.8
483	0.8	0.8
484	0.8	0.8
493	0.8	0.8
495	0.8	0.8
496	0.8	0.8
517	0.8	0.8
526	0.8	0.8
529	0.8	0.8
532	0.8	0.8
535	0.8	0.8
538	0.8	0.8
541	0.8	0.8
544	0.8	0.8
547	0.8	0.8
550	0.8	0.8
553	0.8	0.8
556	0.8	0.8
557	0.8	0.8
558	0.8	0.8
559	0.8	0.8
560	0.8	0.8
561	0.8	0.8
562	0.8	0.8
564	0.8	0.8
565	0.8	0.8
566	0.8	0.8
567	0.8	0.8
568	0.8	0.8
569	0.8	0.8
570	0.8	0.8
571	0.8	0.8
572	0.8	0.8
573	0.8	0.8
574	0.8	0.8
575	0.8	0.8
576	0.8	0.8
577	0.8	0.8
578	0.8	0.8
581	0.8	0.8
582	0.8	0.8

Table 14: Frame Property Modifiers, Part 2 of 2

Frame	EAModifier	EIModifier
585	0.8	0.8
586	0.8	0.8
587	0.8	0.8
590	0.8	0.8
593	0.8	0.8
596	0.8	0.8
599	0.8	0.8
610	0.8	0.8

3.2. Cables

Table 15: Cable Section Definitions, Part 1 of 2

Table 15: Cable Section Definitions, Part 1 of 2

CableSect	Material	Diameter	Area	TorsConst	I	AS
		m	m2	m4	m4	m2
5/8"	A416Gr270	0.01587	0.000198	6.227E-09	3.114E-09	0.000178
D1/2"	A992Fy50	0.0127	0.000127	2.554E-09	1.277E-09	0.000114

Table 15: Cable Section Definitions, Part 2 of 2

Table 15: Cable Section Definitions, Part 2 of 2

CableSect	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
5/8"	1.	1.	1.	1.	1.	1.	1.	1.
D1/2"	1.	1.	1.	1.	1.	1.	1.	1.

3.3. Tendons

Table 16: Tendon Section Definitions, Part 1 of 2

Table 16: Tendon Section Definitions, Part 1 of 2

TendonSect	ModelOpt	Material	Diameter	Area	TorsConst	I	AS
			m	m2	m4	m4	m2
1/2"	Elements	A416Gr270	0.0127	0.000127	2.554E-09	1.277E-09	0.000114

Table 16: Tendon Section Definitions, Part 2 of 2

Table 16: Tendon Section Definitions, Part 2 of 2

TendonSect	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
1/2"	1.	1.	1.	1.	1.	1.	1.	1.

3.4. Areas

Table 17: Area Section Properties, Part 1 of 3

Table 17: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					m	m	
ASEC1	4000Psi	Shell	Shell-Thin	Yes	0.25	0.25	1.
cubierta	A572Gr50	Shell	Membrane	Yes	0.0005	0.0005	1.

Table 17: Area Section Properties, Part 2 of 3

Table 17: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.
cubierta	1.	1.	1.	1.	1.	1.	1.

Table 17: Area Section Properties, Part 3 of 3

Table 17: Area Section Properties, Part 3 of 3

Section	MMod	WMod
ASEC1	1.	1.
cubierta	1.	1.

3.5. Solids

Table 18: Solid Property Definitions

Table 18: Solid Property Definitions

SolidProp	Material	MatAngleA	MatAngleB	MatAngleC
		Degrees	Degrees	Degrees
Solid1	4000Psi	0.	0.	0.

4. Load patterns

This section provides loading information as applied to the model.

4.1. Definitions

Table 19: Load Pattern Definitions

Table 19: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
DEAD	Dead	1.	

Table 19: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
LIVE	Live	0.	
WB	Wind	0.	API4F 2013
WS	Wind	0.	API4F 2013

4.2. Auto wind loading

Table 20: Auto Wind - API 4F 2013

Table 20: Auto Wind - API 4F 2013

LoadPat	ExposeFrom	Angle	UserZ	WindVel	SSLMult	ShieldFact
		Degrees				
WB	Frames	0.	No	93.	1.	0.85
WS	Frames	0.	No	93.	1.	0.85

5. Load cases

This section provides load case information.

5.1. Definitions

Table 21: Load Case Definitions, Part 1 of 2

Table 21: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesActOpt
DEAD	LinStatic	Zero				Prog Det
MODAL	LinModal	Zero				Prog Det
LIVE	LinStatic	Zero				Prog Det
WB	LinStatic	Zero				Prog Det
WS	LinStatic	Zero				Prog Det

Table 21: Load Case Definitions, Part 2 of 2

Table 21: Load Case Definitions, Part 2 of 2

Case	DesignAct
DEAD	Non-Composite
MODAL	Other
LIVE	Short-Term Composite
WB	Short-Term Composite
WS	Short-Term Composite

5.2. Static case load assignments

Table 22: Case - Static 1 - Load Assignments

Table 22: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
DEAD	Load pattern	DEAD	1.
LIVE	Load pattern	LIVE	1.
WB	Load pattern	WB	1.
WS	Load pattern	WS	1.

5.3. Response spectrum case load assignments

Table 23: Function - Response Spectrum - User

Table 23: Function - Response Spectrum - User

Name	Period	Accel	FuncDamp
	Sec		
UNIFRS	0.	1.	0.05
UNIFRS	1.	1.	

6. Load combinations

This section provides load combination information.

Table 24: Combination Definitions

Table 24: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
COMB1	Linear Add	DEAD	1.4
COMB2	Linear Add	DEAD	1.2
COMB2		LIVE	1.6
COMB3	Linear Add	DEAD	1.2
COMB3		LIVE	1.
COMB3		WB	0.8
COMB4	Linear Add	DEAD	1.2
COMB4		LIVE	1.
COMB4		WS	0.8
COMB5	Linear Add	DEAD	1.2
COMB5		LIVE	1.
COMB6	Linear Add	DEAD	0.9
COMB6		WB	1.6
COMB7	Linear Add	DEAD	0.9
COMB7		WS	1.6
SERVICIO	Linear Add	DEAD	1.

Table 24: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
SERVICIO		LIVE	1.
DCON1	Linear Add	DEAD	1.4
DCON2	Linear Add	DEAD	1.2
DCON2		LIVE	1.6
DCON3	Linear Add	DEAD	1.2
DCON3		LIVE	1.
DCON3		WB	1.
DCON4	Linear Add	DEAD	1.2
DCON4		LIVE	1.
DCON4		WB	-1.
DCON5	Linear Add	DEAD	1.2
DCON5		LIVE	1.
DCON5		WS	1.
DCON6	Linear Add	DEAD	1.2
DCON6		LIVE	1.
DCON6		WS	-1.
DCON7	Linear Add	DEAD	0.9
DCON7		WB	1.
DCON8	Linear Add	DEAD	0.9
DCON8		WB	-1.
DCON9	Linear Add	DEAD	0.9
DCON9		WS	1.
DCON10	Linear Add	DEAD	0.9
DCON10		WS	-1.
DSTL1	Linear Add	DEAD	1.4
DSTL2	Linear Add	DEAD	1.2
DSTL2		LIVE	1.6
DSTL3	Linear Add	DEAD	1.2
DSTL3		LIVE	1.
DSTL3		WB	1.
DSTL4	Linear Add	DEAD	1.2
DSTL4		LIVE	1.
DSTL4		WB	-1.
DSTL5	Linear Add	DEAD	1.2
DSTL5		LIVE	1.
DSTL5		WS	1.
DSTL6	Linear Add	DEAD	1.2
DSTL6		LIVE	1.
DSTL6		WS	-1.
DSTL7	Linear Add	DEAD	0.9
DSTL7		WB	1.
DSTL8	Linear Add	DEAD	0.9
DSTL8		WB	-1.
DSTL9	Linear Add	DEAD	0.9
DSTL9		WS	1.
DSTL10	Linear Add	DEAD	0.9
DSTL10		WS	-1.
DSTL11	Linear Add	DEAD	1.
DSTL12	Linear Add	DEAD	1.
DSTL12		LIVE	1.

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

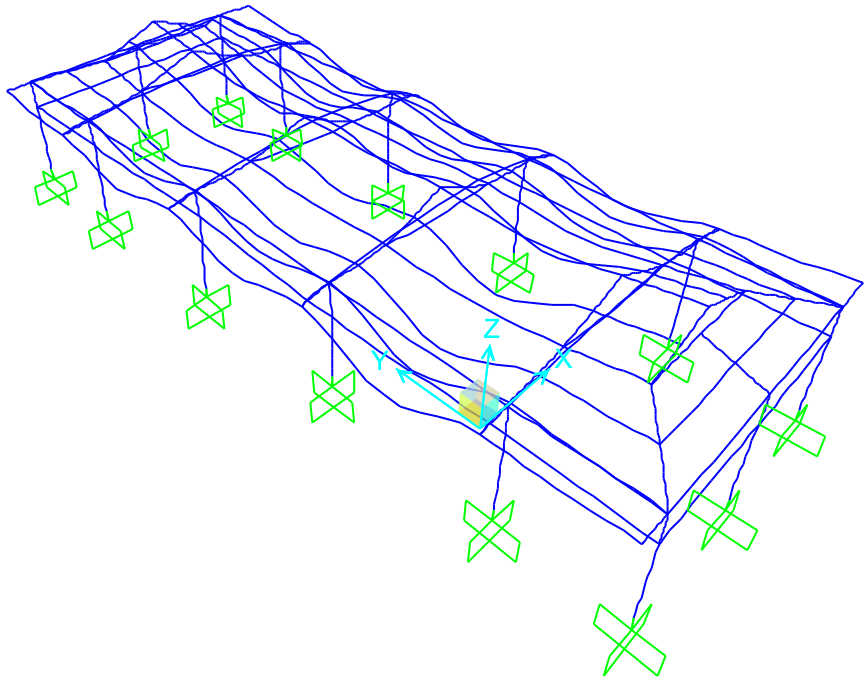


Figure 2: Deformed shape

7.1. Mass summary

Table 25: Assembled Joint Masses, Part 1 of 2

Table 25: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		Tonf-s2/m	Tonf-s2/m	Tonf-s2/m	Tonf-m-s2	Tonf-m-s2	Tonf-m-s2	m
3	MSSSRC1	9.764E-03	9.764E-03	9.764E-03	0.	0.	0.	9.86073
4	MSSSRC1	8.016E-03	8.016E-03	8.016E-03	0.	0.	0.	0.
5	MSSSRC1	2.112E-02	2.112E-02	2.112E-02	0.	0.	0.	6.75265
6	MSSSRC1	1.480E-02	1.480E-02	1.480E-02	0.	0.	0.	4.71599
7	MSSSRC1	2.090E-02	2.090E-02	2.090E-02	0.	0.	0.	2.68114
19	MSSSRC1	9.786E-03	9.786E-03	9.786E-03	0.	0.	0.	9.86073
20	MSSSRC1	8.038E-03	8.038E-03	8.038E-03	0.	0.	0.	0.
21	MSSSRC1	2.120E-02	2.120E-02	2.120E-02	0.	0.	0.	6.75265
22	MSSSRC1	1.488E-02	1.488E-02	1.488E-02	0.	0.	0.	4.71599
23	MSSSRC1	2.098E-02	2.098E-02	2.098E-02	0.	0.	0.	2.68114
27	MSSSRC1	5.752E-03	5.752E-03	5.752E-03	0.	0.	0.	9.86073
28	MSSSRC1	4.203E-03	4.203E-03	4.203E-03	0.	0.	0.	0.
35	MSSSRC1	5.752E-03	5.752E-03	5.752E-03	0.	0.	0.	9.86073
36	MSSSRC1	4.242E-03	4.242E-03	4.242E-03	0.	0.	0.	0.
40	MSSSRC1	3.905E-05	3.905E-05	3.905E-05	0.	0.	0.	0.01412
41	MSSSRC1	3.278E-02	3.278E-02	3.278E-02	0.	0.	0.	0.85
42	MSSSRC1	3.352E-02	3.352E-02	3.352E-02	0.	0.	0.	8.51073
46	MSSSRC1	2.374E-02	2.374E-02	2.374E-02	0.	0.	0.	4.81073

Table 25: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		Tonf-s2/m	Tonf-s2/m	Tonf-s2/m	Tonf-m-s2	Tonf-m-s2	Tonf-m-s2	m
51	MSSSRC1	3.160E-02	3.160E-02	3.160E-02	0.	0.	0.	0.85
53	MSSSRC1	3.231E-02	3.231E-02	3.231E-02	0.	0.	0.	8.51073
55	MSSSRC1	3.503E-02	3.503E-02	3.503E-02	0.	0.	0.	4.81073
69	MSSSRC1	3.160E-02	3.160E-02	3.160E-02	0.	0.	0.	0.85
71	MSSSRC1	3.231E-02	3.231E-02	3.231E-02	0.	0.	0.	8.51073
73	MSSSRC1	3.503E-02	3.503E-02	3.503E-02	0.	0.	0.	4.81073
75	MSSSRC1	9.883E-03	9.883E-03	9.883E-03	0.	0.	0.	2.73493
76	MSSSRC1	9.843E-03	9.843E-03	9.843E-03	0.	0.	0.	6.69706
78	MSSSRC1	9.843E-03	9.843E-03	9.843E-03	0.	0.	0.	6.69706
79	MSSSRC1	9.883E-03	9.883E-03	9.883E-03	0.	0.	0.	2.73493
80	MSSSRC1	6.441E-03	6.441E-03	6.441E-03	0.	0.	0.	4.71599
82	MSSSRC1	6.441E-03	6.441E-03	6.441E-03	0.	0.	0.	4.71599
83	MSSSRC1	7.554E-03	7.554E-03	7.554E-03	0.	0.	0.	4.71599
84	MSSSRC1	4.203E-03	4.203E-03	4.203E-03	0.	0.	0.	5.70653
85	MSSSRC1	6.656E-03	6.656E-03	6.656E-03	0.	0.	0.	5.73432
87	MSSSRC1	6.634E-03	6.634E-03	6.634E-03	0.	0.	0.	5.73432
88	MSSSRC1	4.203E-03	4.203E-03	4.203E-03	0.	0.	0.	5.70653
89	MSSSRC1	6.631E-03	6.631E-03	6.631E-03	0.	0.	0.	3.69857
91	MSSSRC1	6.653E-03	6.653E-03	6.653E-03	0.	0.	0.	3.69857
92	MSSSRC1	4.203E-03	4.203E-03	4.203E-03	0.	0.	0.	3.72546
93	MSSSRC1	4.203E-03	4.203E-03	4.203E-03	0.	0.	0.	3.72546
94	MSSSRC1	7.283E-03	7.283E-03	7.283E-03	0.	0.	0.	8.8247
95	MSSSRC1	6.934E-03	6.934E-03	6.934E-03	0.	0.	0.	7.78867
96	MSSSRC1	7.261E-03	7.261E-03	7.261E-03	0.	0.	0.	8.8247
97	MSSSRC1	6.912E-03	6.912E-03	6.912E-03	0.	0.	0.	7.78867
98	MSSSRC1	6.467E-03	6.467E-03	6.467E-03	0.	0.	0.	1.79213
99	MSSSRC1	6.835E-03	6.835E-03	6.835E-03	0.	0.	0.	0.90313
104	MSSSRC1	6.489E-03	6.489E-03	6.489E-03	0.	0.	0.	1.79213
105	MSSSRC1	6.857E-03	6.857E-03	6.857E-03	0.	0.	0.	0.90313
109	MSSSRC1	6.422E-03	6.422E-03	6.422E-03	0.	0.	0.	7.60389
116	MSSSRC1	6.557E-03	6.557E-03	6.557E-03	0.	0.	0.	1.79247
122	MSSSRC1	5.308E-03	5.308E-03	5.308E-03	0.	0.	0.	4.76336
124	MSSSRC1	6.557E-03	6.557E-03	6.557E-03	0.	0.	0.	1.79247
127	MSSSRC1	6.422E-03	6.422E-03	6.422E-03	0.	0.	0.	7.60389
129	MSSSRC1	7.554E-03	7.554E-03	7.554E-03	0.	0.	0.	4.71599
130	MSSSRC1	5.308E-03	5.308E-03	5.308E-03	0.	0.	0.	4.76336
211	MSSSRC1	8.810E-03	8.810E-03	8.810E-03	0.	0.	0.	0.01412
214	MSSSRC1	1.058E-02	1.058E-02	1.058E-02	0.	0.	0.	9.86073
216	MSSSRC1	2.643E-02	2.643E-02	2.643E-02	0.	0.	0.	6.75265
217	MSSSRC1	8.136E-03	8.136E-03	8.136E-03	0.	0.	0.	5.73432
218	MSSSRC1	2.011E-02	2.011E-02	2.011E-02	0.	0.	0.	4.71599
219	MSSSRC1	8.133E-03	8.133E-03	8.133E-03	0.	0.	0.	3.69857
220	MSSSRC1	2.621E-02	2.621E-02	2.621E-02	0.	0.	0.	2.68114
221	MSSSRC1	8.068E-03	8.068E-03	8.068E-03	0.	0.	0.	8.8247
222	MSSSRC1	8.068E-03	8.068E-03	8.068E-03	0.	0.	0.	7.78867
223	MSSSRC1	7.625E-03	7.625E-03	7.625E-03	0.	0.	0.	1.79213
224	MSSSRC1	7.625E-03	7.625E-03	7.625E-03	0.	0.	0.	0.90313
225	MSSSRC1	8.788E-03	8.788E-03	8.788E-03	0.	0.	0.	0.01412
228	MSSSRC1	1.221E-02	1.221E-02	1.221E-02	0.	0.	0.	9.86073
230	MSSSRC1	2.635E-02	2.635E-02	2.635E-02	0.	0.	0.	6.75265
231	MSSSRC1	8.114E-03	8.114E-03	8.114E-03	0.	0.	0.	5.73432
232	MSSSRC1	2.003E-02	2.003E-02	2.003E-02	0.	0.	0.	4.71599
233	MSSSRC1	8.111E-03	8.111E-03	8.111E-03	0.	0.	0.	3.69857
234	MSSSRC1	2.613E-02	2.613E-02	2.613E-02	0.	0.	0.	2.68114

Table 25: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		Tonf-s2/m	Tonf-s2/m	Tonf-s2/m	Tonf-m-s2	Tonf-m-s2	Tonf-m-s2	m
235	MSSSRC1	9.692E-03	9.692E-03	9.692E-03	0.	0.	0.	8.8247
236	MSSSRC1	8.046E-03	8.046E-03	8.046E-03	0.	0.	0.	7.78867
237	MSSSRC1	7.603E-03	7.603E-03	7.603E-03	0.	0.	0.	1.79213
238	MSSSRC1	7.603E-03	7.603E-03	7.603E-03	0.	0.	0.	0.90313
251	MSSSRC1	4.737E-02	4.737E-02	4.737E-02	0.	0.	0.	8.51073
256	MSSSRC1	4.741E-02	4.741E-02	4.741E-02	0.	0.	0.	8.51073
258	MSSSRC1	4.586E-02	4.586E-02	4.586E-02	0.	0.	0.	0.86412
275	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	0.85
276	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	8.51073
277	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	4.81073
278	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	0.85
279	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	8.51073
280	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	8.51073
282	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	0.85
284	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	4.81073
285	MSSSRC1	7.044E-02	7.044E-02	7.044E-02	0.	0.	0.	0.86412
286	MSSSRC1	3.454E-02	3.454E-02	3.454E-02	0.	0.	0.	0.90313
287	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	0.86412
288	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	8.51073
289	MSSSRC1	4.584E-02	4.584E-02	4.584E-02	0.	0.	0.	8.51073
290	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	8.51073
291	MSSSRC1	4.429E-02	4.429E-02	4.429E-02	0.	0.	0.	0.85
292	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	0.85
294	MSSSRC1	2.756E-02	2.756E-02	2.756E-02	0.	0.	0.	8.51073
295	MSSSRC1	4.400E-02	4.400E-02	4.400E-02	0.	0.	0.	8.51073
296	MSSSRC1	4.543E-02	4.543E-02	4.543E-02	0.	0.	0.	8.51073
297	MSSSRC1	4.705E-02	4.705E-02	4.705E-02	0.	0.	0.	8.51073
298	MSSSRC1	4.710E-02	4.710E-02	4.710E-02	0.	0.	0.	8.51073
299	MSSSRC1	4.548E-02	4.548E-02	4.548E-02	0.	0.	0.	8.51073
300	MSSSRC1	4.400E-02	4.400E-02	4.400E-02	0.	0.	0.	8.51073
301	MSSSRC1	4.423E-02	4.423E-02	4.423E-02	0.	0.	0.	0.85
302	MSSSRC1	4.543E-02	4.543E-02	4.543E-02	0.	0.	0.	0.85
303	MSSSRC1	9.564E-03	9.564E-03	9.564E-03	0.	0.	0.	0.86412
304	MSSSRC1	4.710E-02	4.710E-02	4.710E-02	0.	0.	0.	0.86412
305	MSSSRC1	4.548E-02	4.548E-02	4.548E-02	0.	0.	0.	0.85
306	MSSSRC1	4.423E-02	4.423E-02	4.423E-02	0.	0.	0.	0.85
307	MSSSRC1	4.437E-02	4.437E-02	4.437E-02	0.	0.	0.	4.81073
308	MSSSRC1	4.437E-02	4.437E-02	4.437E-02	0.	0.	0.	4.81073
SumAccelUX	MSSSRC1	2.23	0.	0.	0.	0.	0.	4.77773
SumAccelUY	MSSSRC1	0.	2.23	0.	0.	0.	0.	4.77773
SumAccelUZ	MSSSRC1	0.	0.	2.23	0.	0.	0.	4.77773

Table 25: Assembled Joint Masses, Part 2 of 2

Table 25: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		m	m
3	MSSSRC1	0.	0.
4	MSSSRC1	0.	0.
5	MSSSRC1	0.	0.80465
6	MSSSRC1	0.	1.59277
7	MSSSRC1	0.	0.80534
19	MSSSRC1	16.	0.

Table 25: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		m	m
20	MSSSRC1	16.	0.
21	MSSSRC1	16.	0.80465
22	MSSSRC1	16.	1.59277
23	MSSSRC1	16.	0.80534
27	MSSSRC1	19.55	0.
28	MSSSRC1	19.55	0.
35	MSSSRC1	-3.55	0.
36	MSSSRC1	-3.55	0.
40	MSSSRC1	-3.55	0.00403
41	MSSSRC1	0.	0.
42	MSSSRC1	0.	0.
46	MSSSRC1	0.	0.
51	MSSSRC1	-3.55	0.
53	MSSSRC1	-3.55	0.
55	MSSSRC1	-3.55	0.
69	MSSSRC1	19.55	0.
71	MSSSRC1	19.55	0.
73	MSSSRC1	19.55	0.
75	MSSSRC1	-2.	0.81893
76	MSSSRC1	-2.	0.81893
78	MSSSRC1	18.	0.81893
79	MSSSRC1	18.	0.81893
80	MSSSRC1	18.	1.59277
82	MSSSRC1	-2.	1.59277
83	MSSSRC1	18.	0.81893
84	MSSSRC1	18.	1.20585
85	MSSSRC1	16.	1.19871
87	MSSSRC1	0.	1.19871
88	MSSSRC1	-2.	1.20585
89	MSSSRC1	0.	1.19906
91	MSSSRC1	16.	1.19906
92	MSSSRC1	18.	1.20585
93	MSSSRC1	-2.	1.20585
94	MSSSRC1	16.	0.26822
95	MSSSRC1	16.	0.53643
96	MSSSRC1	0.	0.26822
97	MSSSRC1	0.	0.53643
98	MSSSRC1	0.	0.53824
99	MSSSRC1	0.	0.27114
104	MSSSRC1	16.	0.53824
105	MSSSRC1	16.	0.27114
109	MSSSRC1	18.775	0.40947
116	MSSSRC1	18.775	0.40947
122	MSSSRC1	18.775	0.40947
124	MSSSRC1	-2.775	0.40947
127	MSSSRC1	-2.775	0.40947
129	MSSSRC1	-2.	0.81893
130	MSSSRC1	-2.775	0.40947
211	MSSSRC1	10.65	0.00403
214	MSSSRC1	10.65	0.
216	MSSSRC1	10.65	0.80465
217	MSSSRC1	10.65	1.19871
218	MSSSRC1	10.65	1.59277
219	MSSSRC1	10.65	1.19906

Table 25: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		m	m
220	MSSSRC1	10.65	0.80534
221	MSSSRC1	10.65	0.26822
222	MSSSRC1	10.65	0.53643
223	MSSSRC1	10.65	0.53824
224	MSSSRC1	10.65	0.27114
225	MSSSRC1	5.3	0.00403
228	MSSSRC1	5.3	0.
230	MSSSRC1	5.3	0.80465
231	MSSSRC1	5.3	1.19871
232	MSSSRC1	5.3	1.59277
233	MSSSRC1	5.3	1.19906
234	MSSSRC1	5.3	0.80534
235	MSSSRC1	5.3	0.26822
236	MSSSRC1	5.3	0.53643
237	MSSSRC1	5.3	0.53824
238	MSSSRC1	5.3	0.27114
251	MSSSRC1	5.3	0.
256	MSSSRC1	10.65	0.
258	MSSSRC1	10.65	0.00403
275	MSSSRC1	19.55	-3.4
276	MSSSRC1	19.55	-3.4
277	MSSSRC1	19.55	-3.4
278	MSSSRC1	-3.55	-3.4
279	MSSSRC1	-3.55	-3.4
280	MSSSRC1	0.	-3.4
282	MSSSRC1	0.	-3.4
284	MSSSRC1	-3.55	-3.4
285	MSSSRC1	5.3	0.00403
286	MSSSRC1	5.3	-3.12886
287	MSSSRC1	10.65	-3.39597
288	MSSSRC1	10.65	-3.4
289	MSSSRC1	16.	0.
290	MSSSRC1	16.	-3.4
291	MSSSRC1	16.	0.
292	MSSSRC1	16.	-3.4
294	MSSSRC1	5.3	-3.4
295	MSSSRC1	-3.55	-0.9
296	MSSSRC1	0.	-0.9
297	MSSSRC1	5.3	-0.9
298	MSSSRC1	10.65	-0.9
299	MSSSRC1	16.	-0.9
300	MSSSRC1	19.55	-0.9
301	MSSSRC1	-3.55	-0.9
302	MSSSRC1	0.	-0.9
303	MSSSRC1	5.3	-0.89597
304	MSSSRC1	10.65	-0.89597
305	MSSSRC1	16.	-0.9
306	MSSSRC1	19.55	-0.9
307	MSSSRC1	-3.55	-0.9
308	MSSSRC1	19.55	-0.9
SumAccelUX	MSSSRC1	7.997	-0.6181
SumAccelUY	MSSSRC1	7.997	-0.6181
SumAccelUZ	MSSSRC1	7.997	-0.6181

7.2. Base reactions

Table 26: Base Reactions

Table 26: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	Tonf	Tonf	Tonf	Tonf-m	Tonf-m	Tonf-m
DEAD	7.365E-13	-3.655E-14	77.5348	620.21266	-371.11606	-3.814E-12
LIVE	2.168E-13	-7.341E-15	18.3915	145.7818	-88.25468	-1.066E-12
WB	-13.1343	0.0016	6.4649	51.72501	-9.18437	103.91146
WS	-19.6009	0.0016	-2.177E-04	0.00374	-1.34595	155.64402

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 27: Joint Displacements

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
3	DEAD	0.000631	-0.000058	-0.00403	-0.000959	0.002601	0.000148
3	LIVE	0.000185	-0.000015	-0.001235	-0.000302	0.000797	0.000041
3	WB	0.002483	-0.000114	-0.001104	1.044E-06	0.000842	-0.000048
3	WS	0.003886	-0.000201	-0.001418	0.000033	0.001047	-0.000121
4	DEAD	-0.000012	-0.000076	-0.001336	-0.000653	-0.00108	-0.0001
4	LIVE	-2.634E-06	-0.000018	-0.00042	-0.000207	-0.000346	-0.000029
4	WB	0.002426	0.000141	0.000345	-0.000169	0.000523	-0.000134
4	WS	0.003875	0.000195	0.000892	-0.000013	0.001032	-0.000143
5	DEAD	0.000419	0.00017	-0.006403	-0.002365	-0.000242	0.000429
5	LIVE	0.000127	0.000064	-0.00191	-0.000717	-0.000059	0.000129
5	WB	0.00291	-0.000016	0.000403	0.000035	-0.000224	-0.000197
5	WS	0.004384	-0.000014	0.000512	0.000151	-0.000112	-0.000351
6	DEAD	0.00083	0.000301	-0.005621	-0.002066	0.000324	-0.000069
6	LIVE	0.000247	0.000112	-0.001679	-0.000627	0.000096	-0.000021
6	WB	0.002559	0.00003	-0.000526	-0.000189	-0.000649	-0.000222
6	WS	0.004137	0.000017	-0.000119	-0.000014	-0.000423	-0.000333
7	DEAD	0.000724	0.000164	-0.005046	-0.00209	0.000839	-0.00049
7	LIVE	0.000214	0.000064	-0.001507	-0.000637	0.000239	-0.000149
7	WB	0.002944	0.000039	-0.001504	-0.000537	-0.000124	-0.000295
7	WS	0.004361	0.000028	-0.000699	-0.000168	-0.000075	-0.000303
19	DEAD	0.000718	0.000149	-0.004175	0.001047	0.002684	-0.00012
19	LIVE	0.0002	0.000039	-0.001238	0.000328	0.00079	-0.00004
19	WB	0.002464	0.000109	-0.001121	7.914E-06	0.000861	0.000055
19	WS	0.003905	0.000197	-0.001451	-0.000022	0.001078	0.00013
20	DEAD	0.000051	0.000122	-0.001364	0.000663	-0.001113	0.000081
20	LIVE	0.000015	0.000033	-0.000418	0.000209	-0.000352	0.000029
20	WB	0.0024	-0.000109	0.000355	0.000177	0.000541	0.000132
20	WS	0.003888	-0.000171	0.000911	0.00002	0.00106	0.000149
21	DEAD	0.000463	-0.000127	-0.006784	0.002641	-0.000219	-0.000478
21	LIVE	0.000115	-0.000012	-0.002007	0.000807	-0.000034	-0.000151

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
21	WB	0.002915	-0.000048	0.000462	6.203E-06	-0.000231	0.000187
21	WS	0.004434	-0.000064	0.000583	-0.000099	-0.000119	0.000342
22	DEAD	0.000943	-0.000237	-0.005837	0.002226	0.000424	0.000092
22	LIVE	0.000275	-0.000049	-0.001673	0.000694	0.000176	0.00003
22	WB	0.002534	-0.000023	-0.000544	0.000203	-0.000707	0.000206
22	WS	0.004152	-0.000011	-0.000137	0.000033	-0.000489	0.000315
23	DEAD	0.000784	-0.000109	-0.005113	0.002154	0.000906	0.000522
23	LIVE	0.000205	-3.503E-06	-0.001409	0.000679	0.000238	0.000171
23	WB	0.002951	0.000031	-0.001601	0.000527	-0.000121	0.000293
23	WS	0.004412	0.000061	-0.000807	0.000154	-0.000073	0.000303
27	DEAD	0.000485	0.000184	-0.000688	0.000579	0.00058	-0.000154
27	LIVE	0.000138	0.000049	-0.000204	0.000179	0.000175	-0.000046
27	WB	0.001622	0.000126	-0.000478	-2.608E-06	0.000353	0.000061
27	WS	0.002551	0.000225	-0.000736	-4.193E-06	0.00054	0.000144
28	DEAD	0.000318	0.000174	-0.000114	0.000372	-0.000116	0.000094
28	LIVE	0.000092	0.000047	-0.000041	0.000111	-0.000047	0.00003
28	WB	0.001608	-0.00012	0.000254	0.000124	0.00029	0.000114
28	WS	0.002542	-0.000191	0.000465	0.000042	0.000534	0.000118
35	DEAD	0.000447	-0.000081	-0.000674	-0.000582	0.00057	0.000177
35	LIVE	0.000131	-0.000021	-0.000202	-0.000186	0.000174	0.000048
35	WB	0.001683	-0.000131	-0.000491	7.157E-06	0.000362	-0.000052
35	WS	0.002605	-0.000229	-0.000746	9.222E-06	0.000548	-0.000133
36	DEAD	0.000286	-0.000112	-0.000118	-0.000378	-0.000122	-0.000133
36	LIVE	0.000086	-0.000027	-0.000038	-0.000122	-0.000043	-0.000035
36	WB	0.001669	0.000149	0.000262	-0.00013	0.0003	-0.000118
36	WS	0.002596	0.000214	0.000473	-0.000046	0.000543	-0.000115
40	DEAD	0.000286	-0.000112	-0.000116	-0.000378	-0.000122	-0.000133
40	LIVE	0.000085	-0.000027	-0.000037	-0.000122	-0.000043	-0.000035
40	WB	0.00167	0.000148	0.000258	-0.00013	0.0003	-0.000118
40	WS	0.002599	0.000212	0.000465	-0.000046	0.000543	-0.000115
41	DEAD	0.00004	-0.000125	-0.00009	-0.000144	-0.000989	-0.000036
41	LIVE	0.000012	-0.000032	-0.000024	-0.000046	-0.000328	-0.00001
41	WB	0.002429	0.000034	-0.000014	-0.000046	0.00049	-0.000162
41	WS	0.003871	0.000073	3.460E-06	-0.000015	0.001062	-0.000192
42	DEAD	0.000553	-0.000175	-0.000086	-0.000127	0.001731	0.000041
42	LIVE	0.000163	-0.000046	-0.000022	-0.000041	0.000549	0.000011
42	WB	0.002473	-0.000044	-3.621E-06	0.000013	0.000759	-0.000077
42	WS	0.003878	-0.000056	-2.661E-06	0.000021	0.001074	-0.000132
46	DEAD	0.000305	-0.000225	0.002084	-0.000135	-0.000151	-9.640E-06
46	LIVE	0.00009	-0.000059	0.000823	-0.000043	-0.000039	-2.574E-06
46	WB	0.002452	-0.00008	0.000289	-0.000015	-0.000301	0.000044
46	WS	0.003875	-0.000042	0.000081	3.741E-06	-0.000518	0.000055
51	DEAD	0.000286	-0.000219	-0.000041	-0.000158	8.870E-06	-0.00009
51	LIVE	0.000086	-0.000056	-9.105E-06	-0.000052	-2.901E-06	-0.000024
51	WB	0.001669	0.000057	2.685E-06	-0.000088	0.000326	-0.000105
51	WS	0.002596	0.000125	0.000013	-0.000063	0.000536	-0.000109
53	DEAD	0.000447	-0.000299	-0.00005	-0.000167	0.000211	0.000112
53	LIVE	0.000131	-0.00008	-0.000012	-0.000055	0.000066	0.000031
53	WB	0.001682	-0.000069	-9.549E-06	0.000038	0.000347	-0.000065
53	WS	0.002603	-0.000091	-0.000015	0.000046	0.000531	-0.000115
55	DEAD	0.000364	-0.000429	-0.000023	-0.000173	0.000047	-0.000012
55	LIVE	0.000107	-0.000111	-3.623E-06	-0.000054	0.000014	-3.479E-06
55	WB	0.001666	-0.000041	4.926E-07	-2.701E-06	0.000238	-0.000042
55	WS	0.002581	1.953E-06	8.929E-07	-4.108E-06	0.000372	-0.000052

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
69	DEAD	0.000319	0.000243	-0.000041	0.00015	0.000015	0.000025
69	LIVE	0.000092	0.00007	-8.828E-06	0.00004	-6.777E-06	0.000011
69	WB	0.001608	-0.000031	2.288E-06	0.000083	0.000316	0.000103
69	WS	0.002541	-0.000099	0.000013	0.00006	0.000527	0.000113
71	DEAD	0.000485	0.000351	-0.000051	0.000163	0.00022	-0.000038
71	LIVE	0.000138	0.000101	-0.000012	0.000048	0.000068	-0.000016
71	WB	0.001622	0.000051	-9.341E-06	-0.000034	0.000338	0.000076
71	WS	0.002549	0.000072	-0.000015	-0.000041	0.000523	0.000127
73	DEAD	0.000398	-0.000067	-0.00002	0.000347	0.00005	0.000027
73	LIVE	0.000114	-5.108E-06	-2.721E-06	0.000089	0.000014	4.823E-06
73	WB	0.001606	1.933E-06	8.764E-07	0.000011	0.000234	0.000031
73	WS	0.002527	-0.000035	1.126E-06	0.000014	0.00037	0.00004
75	DEAD	0.000414	0.000227	-0.001598	-0.001294	0.000028	-0.000192
75	LIVE	0.00012	0.000081	-0.000463	-0.000389	2.546E-07	-0.000058
75	WB	0.002	0.00002	-0.00065	-0.000382	-0.0002	-0.000204
75	WS	0.003002	-0.000014	-0.000521	-0.000161	-0.000183	-0.000236
76	DEAD	0.000323	0.000262	-0.001872	-0.001714	0.000113	0.000194
76	LIVE	0.000096	0.00009	-0.000545	-0.000513	0.000042	0.000057
76	WB	0.001992	0.000019	0.0004	0.000077	-0.000166	-0.000155
76	WS	0.003003	0.000037	0.000476	0.000106	-0.000172	-0.000228
78	DEAD	0.000366	-0.000221	-0.001917	0.001814	0.000087	-0.000305
78	LIVE	0.000084	-0.000038	-0.000533	0.000537	0.000044	-0.000094
78	WB	0.002023	-0.000085	0.000506	-0.000101	-0.000097	0.000217
78	WS	0.003063	-0.000119	0.000603	-0.000139	-0.000098	0.000321
79	DEAD	0.000463	-0.000172	-0.001603	0.001333	0.000064	0.000301
79	LIVE	0.000111	-0.00002	-0.000336	0.000371	-0.000019	0.000081
79	WB	0.002032	0.000053	-0.000776	0.000406	-0.000112	0.000282
79	WS	0.003062	0.000107	-0.000655	0.000199	-0.000099	0.000341
80	DEAD	0.00048	-0.000263	-0.001724	0.001718	0.000113	0.000059
80	LIVE	0.000137	-0.000057	-0.000416	0.000511	0.000089	0.000014
80	WB	0.001784	-0.000026	-0.000131	0.000172	-0.000463	0.00012
80	WS	0.002829	-0.000012	-0.000029	0.000047	-0.000431	0.000198
82	DEAD	0.000426	0.000326	-0.001706	-0.00165	0.000093	-0.000056
82	LIVE	0.000125	0.00012	-0.000495	-0.0005	0.000028	-0.000017
82	WB	0.001797	0.000033	-0.000121	-0.000172	-0.000347	-0.000158
82	WS	0.00282	0.000018	-0.000026	-0.000044	-0.000306	-0.000241
83	DEAD	0.000414	-0.000995	-0.001787	0.001401	-0.000037	0.000019
83	LIVE	0.000098	-0.000247	-0.000465	0.000373	-9.171E-06	-0.000013
83	WB	0.002028	-0.000056	-0.00006	0.00009	0.00014	0.000189
83	WS	0.003063	-0.000066	3.055E-06	0.00002	0.000216	0.000207
84	DEAD	0.000409	-0.000126	-0.001862	0.001687	0.000111	-0.000785
84	LIVE	0.000103	-0.000012	-0.000495	0.000506	0.000059	-0.000229
84	WB	0.001941	-0.000042	0.000279	-0.000052	-0.000337	-0.000063
84	WS	0.002981	-0.000065	0.000373	-0.000174	-0.000338	-0.000052
85	DEAD	0.00059	-0.000082	-0.006605	0.002689	0.000637	-0.001134
85	LIVE	0.000159	1.123E-06	-0.001934	0.000837	0.000208	-0.000349
85	WB	0.002774	-0.000022	0.000087	-0.000029	-0.000501	-0.000041
85	WS	0.004339	-0.000038	0.000336	-0.000237	-0.000374	0.000056
87	DEAD	0.000521	0.000147	-0.006285	-0.002487	0.000545	0.001023
87	LIVE	0.000157	0.000062	-0.001874	-0.000766	0.000158	0.000308
87	WB	0.002779	-0.000017	0.000054	0.000047	-0.000461	-7.971E-06
87	WS	0.004301	-0.000012	0.000296	0.000259	-0.000328	-0.000114
88	DEAD	0.000365	0.000195	-0.00182	-0.001599	0.00009	0.000748
88	LIVE	0.000109	0.000076	-0.000526	-0.000484	0.000025	0.000219

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
88	WB	0.001914	-2.562E-06	0.000186	0.00003	-0.000265	0.000019
88	WS	0.002927	7.823E-06	0.000262	0.000142	-0.000256	-1.844E-06
89	DEAD	0.000876	0.000136	-0.005595	-0.002409	0.000133	-0.000954
89	LIVE	0.00026	0.00006	-0.00167	-0.000743	0.000043	-0.000289
89	WB	0.002818	0.000044	-0.001187	-0.000586	-0.00052	-0.000215
89	WS	0.004286	0.000038	-0.000503	-0.000241	-0.0003	-0.000058
91	DEAD	0.00096	-0.000063	-0.005731	0.002522	0.000201	0.00101
91	LIVE	0.000257	8.055E-06	-0.001587	0.000833	0.000091	0.000324
91	WB	0.002815	7.539E-06	-0.001261	0.000596	-0.000563	0.000183
91	WS	0.004326	0.000026	-0.000584	0.000252	-0.000349	0.000016
92	DEAD	0.000478	-0.000091	-0.001684	0.001505	0.000043	0.000647
92	LIVE	0.000113	2.392E-08	-0.000348	0.000405	0.000042	0.000173
92	WB	0.001946	0.000022	-0.000549	0.000376	-0.000342	0.000075
92	WS	0.00298	0.000054	-0.000426	0.000248	-0.000334	-0.000033
93	DEAD	0.000425	0.00017	-0.00167	-0.001444	0.000045	-0.000632
93	LIVE	0.000123	0.000069	-0.000481	-0.000439	0.000015	-0.000186
93	WB	0.001917	0.000035	-0.000431	-0.000353	-0.000266	-0.000117
93	WS	0.002925	0.000018	-0.000307	-0.00021	-0.00025	-0.000019
94	DEAD	0.000871	0.000059	-0.004144	0.002239	-0.001394	-0.000474
94	LIVE	0.000238	0.000016	-0.001245	0.000699	-0.000429	-0.000157
94	WB	0.002704	0.000085	-0.000252	-0.000033	0.000761	0.000051
94	WS	0.004195	0.000134	-0.000357	-0.000126	0.000942	0.000131
95	DEAD	0.000552	-0.000024	-0.005916	0.002835	-0.001418	-0.000615
95	LIVE	0.000139	4.383E-06	-0.001774	0.000879	-0.000411	-0.000207
95	WB	0.002878	0.000049	0.000366	-0.000044	0.000381	0.000092
95	WS	0.004392	0.000075	0.000401	-0.000167	0.000469	0.000182
96	DEAD	0.000788	-0.000013	-0.003958	-0.002018	-0.001277	0.000452
96	LIVE	0.000233	4.481E-06	-0.001205	-0.000632	-0.000377	0.000138
96	WB	0.002716	-0.000101	-0.000261	0.000049	0.00073	-0.00004
96	WS	0.004165	-0.000149	-0.000362	0.000144	0.000901	-0.000117
97	DEAD	0.000498	0.000053	-0.005593	-0.002553	-0.001308	0.000537
97	LIVE	0.000147	0.000028	-0.001685	-0.000792	-0.000377	0.000166
97	WB	0.002879	-0.000086	0.000323	0.000074	0.000351	-0.000069
97	WS	0.004349	-0.000117	0.000352	0.000205	0.000431	-0.000152
98	DEAD	0.000501	0.000062	-0.003901	-0.002173	0.00171	-0.00051
98	LIVE	0.00015	0.000032	-0.001175	-0.000677	0.000503	-0.000157
98	WB	0.002891	0.000066	-0.001284	-0.00062	0.000607	-0.000201
98	WS	0.004312	0.000083	-0.000538	-0.000181	0.000424	-0.000088
99	DEAD	0.000092	-0.000025	-0.002122	-0.001635	0.0018	-0.000397
99	LIVE	0.000027	1.962E-06	-0.000647	-0.000514	0.000536	-0.000121
99	WB	0.002665	0.000076	-0.00049	-0.000461	0.001031	-0.000192
99	WS	0.004138	0.000098	0.000031	-0.000101	0.000824	-0.000115
104	DEAD	0.000553	-0.000029	-0.003926	0.002232	0.001737	0.000546
104	LIVE	0.000147	7.405E-06	-0.001102	0.000704	0.000459	0.000191
104	WB	0.002889	-0.000021	-0.001353	0.000622	0.000654	0.000232
104	WS	0.004353	-0.000028	-0.000616	0.000174	0.000479	0.000129
105	DEAD	0.000145	0.000054	-0.002135	0.001683	0.001797	0.000404
105	LIVE	0.000037	0.000018	-0.000618	0.000531	0.00049	0.00014
105	WB	0.002649	-0.000047	-0.000513	0.000475	0.00108	0.000203
105	WS	0.004163	-0.000068	7.832E-06	0.000108	0.000882	0.000134
109	DEAD	0.000427	0.000175	-0.00078	0.001297	-0.00015	-0.000111
109	LIVE	0.000111	0.000064	-0.000215	0.000377	-0.000035	-0.000052
109	WB	0.001844	-4.933E-06	0.000321	-0.000163	0.000178	0.000164
109	WS	0.00284	-8.797E-06	0.000401	-0.000175	0.000199	0.000212

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
116	DEAD	0.000398	0.000094	-0.000735	0.000903	0.000253	0.000039
116	LIVE	0.000108	0.000042	-0.000157	0.000226	0.000029	0.000018
116	WB	0.001838	0.00001	-0.000432	0.000379	0.000144	0.0002
116	WS	0.002824	-0.000026	-0.000431	0.00019	0.000197	0.000205
122	DEAD	0.000414	-0.000449	-0.000754	0.001231	-0.000035	0.000022
122	LIVE	0.00011	-0.000105	-0.000195	0.000321	-7.975E-06	-8.266E-06
122	WB	0.001822	-0.000018	-0.000012	0.00005	0.000142	0.000194
122	WS	0.002809	-0.000049	6.069E-06	0.000014	0.000223	0.00022
124	DEAD	0.000373	-0.00007	-0.000743	-0.000918	0.00025	-0.000041
124	LIVE	0.00011	-8.076E-06	-0.000215	-0.000276	0.00007	-0.000013
124	WB	0.001882	0.000026	-0.000407	-0.00035	0.000097	-0.000169
124	WS	0.002856	0.000069	-0.000406	-0.000153	0.000152	-0.00016
127	DEAD	0.000367	-0.00014	-0.000781	-0.001273	-0.000156	0.000123
127	LIVE	0.000108	-0.000031	-0.000227	-0.000381	-0.000042	0.000038
127	WB	0.001885	-0.000026	0.000301	0.000134	0.00014	-0.000126
127	WS	0.00287	-0.000026	0.000375	0.000136	0.000156	-0.000165
129	DEAD	0.000369	0.000359	-0.001549	-0.001269	0.000054	0.000016
129	LIVE	0.000108	0.000113	-0.000438	-0.000363	0.000016	4.614E-06
129	WB	0.001993	0.000022	-0.000084	-0.000101	-0.000206	-0.000033
129	WS	0.002999	0.000029	-3.769E-06	-0.000017	-0.000175	-0.00001
130	DEAD	0.00037	-0.000119	-0.000631	-0.001075	-1.678E-06	6.111E-06
130	LIVE	0.000109	-0.000022	-0.000178	-0.000305	-5.429E-07	2.332E-06
130	WB	0.001882	-0.000019	-0.000017	-0.000061	0.000055	-0.00022
130	WS	0.00286	0.000015	7.837E-06	-0.000011	0.000126	-0.000244
211	DEAD	0.000539	0.000056	-0.00189	-0.000047	-0.001568	-7.125E-06
211	LIVE	0.000161	0.000017	-0.000591	-0.000016	-0.000497	1.832E-06
211	WB	0.004278	-0.000047	0.000742	-0.000021	0.001019	0.000059
211	WS	0.007148	-0.000072	0.001704	-0.000013	0.001941	0.000078
214	DEAD	0.001598	0.000078	-0.006274	-0.000091	0.004039	8.786E-06
214	LIVE	0.000475	0.000021	-0.001922	-0.000028	0.001236	-6.850E-08
214	WB	0.00438	0.000034	-0.002053	2.505E-06	0.00154	0.000021
214	WS	0.007175	0.000066	-0.002827	0.000011	0.002045	0.00004
216	DEAD	0.001154	-0.000028	-0.010616	-0.000391	-0.000449	0.000126
216	LIVE	0.000346	0.000013	-0.003195	-0.000118	-0.000119	0.000035
216	WB	0.005103	-0.000035	0.000413	-0.000046	-0.000328	0.000055
216	WS	0.008057	-0.000044	0.000414	-0.000031	-0.000122	0.000082
217	DEAD	0.001375	-0.000024	-0.010305	-0.000296	0.001109	0.000151
217	LIVE	0.000412	0.000016	-0.0031	-0.000087	0.00033	0.000045
217	WB	0.004921	-0.000021	-0.000087	-0.000052	-0.000656	-5.949E-06
217	WS	0.007964	-0.000026	0.000154	-0.000054	-0.000407	-0.000025
218	DEAD	0.001985	-0.000046	-0.008965	-0.000211	0.000816	5.834E-06
218	LIVE	0.000595	8.029E-06	-0.002698	-0.000059	0.000248	1.438E-06
218	WB	0.004607	-4.816E-06	-0.000923	-0.000014	-0.000955	0.000033
218	WS	0.007759	-1.070E-06	-0.000377	7.314E-06	-0.000553	0.00007
219	DEAD	0.00195	-0.000019	-0.008632	-0.000218	0.000462	-0.000125
219	LIVE	0.000582	0.000018	-0.002594	-0.00006	0.000144	-0.000037
219	WB	0.004986	0.000016	-0.00189	8.451E-06	-0.000747	-0.000029
219	WS	0.00795	0.000026	-0.000878	0.000071	-0.000377	-0.000019
220	DEAD	0.00162	-0.000017	-0.007515	-0.000246	0.0016	-0.000083
220	LIVE	0.000483	0.000019	-0.002257	-0.000068	0.000468	-0.00002
220	WB	0.005153	0.000032	-0.002311	-0.000011	-0.0001	0.000031
220	WS	0.008029	0.000047	-0.001094	0.000052	-0.000022	0.000083
221	DEAD	0.001858	0.000042	-0.006168	-0.000278	-0.002105	0.000119
221	LIVE	0.000554	0.000015	-0.001883	-0.000086	-0.000632	0.00003

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
221	WB	0.004784	0.000021	-0.000609	-0.000013	0.001184	0.000021
221	WS	0.007682	0.000038	-0.000954	-9.165E-07	0.001486	0.000032
222	DEAD	0.001347	1.334E-06	-0.009016	-0.000386	-0.002423	0.000133
222	LIVE	0.0004	0.000013	-0.002733	-0.00012	-0.000715	0.00003
222	WB	0.005047	8.958E-07	0.000299	-0.000031	0.000528	0.000039
222	WS	0.007985	7.928E-06	0.000164	-0.000019	0.000654	0.000048
223	DEAD	0.001228	3.160E-06	-0.005553	-0.000219	0.002701	-0.000096
223	LIVE	0.000367	0.000017	-0.00168	-0.000065	0.000802	-0.000017
223	WB	0.00504	0.000012	-0.001885	-0.00002	0.00102	0.000015
223	WS	0.007921	0.000013	-0.000775	0.000042	0.000738	0.000047
224	DEAD	0.000636	0.000033	-0.002907	-0.000154	0.002533	-0.000081
224	LIVE	0.000189	0.000016	-0.000889	-0.000047	0.000759	-0.000016
224	WB	0.00467	-6.426E-06	-0.000609	-0.000027	0.001643	0.000026
224	WS	0.007617	-0.000015	0.000194	0.000015	0.00142	0.000057
225	DEAD	0.000123	-0.000013	-0.001806	0.000031	-0.001469	-9.049E-06
225	LIVE	0.000034	-1.061E-06	-0.000566	7.637E-06	-0.000466	-7.712E-08
225	WB	0.003847	0.000049	0.000862	-9.079E-07	0.001096	-0.000031
225	WS	0.006575	0.000068	0.001889	-0.000011	0.002055	-0.000045
228	DEAD	0.001143	5.222E-07	-0.005001	-6.284E-07	0.002471	0.000012
228	LIVE	0.000337	3.120E-07	-0.00153	-1.647E-06	0.000758	3.347E-08
228	WB	0.003968	-0.000048	-0.001889	-6.284E-07	0.001413	-0.000015
228	WS	0.006625	-0.00008	-0.002589	-9.334E-06	0.001851	-0.000032
230	DEAD	0.000803	0.000069	-0.008448	0.0001	-0.00096	-0.000086
230	LIVE	0.00024	0.000038	-0.002531	0.000029	-0.000277	-0.000028
230	WB	0.004686	-0.000026	0.000594	0.000035	-0.000341	-0.00007
230	WS	0.00751	-0.000031	0.000675	0.000018	-0.000145	-0.000102
231	DEAD	0.000812	0.000081	-0.008693	0.000079	0.000557	-0.000064
231	LIVE	0.000241	0.000045	-0.002608	0.000022	0.00016	-0.000021
231	WB	0.004497	-0.000016	0.000072	0.000038	-0.000684	-0.000023
231	WS	0.007404	-0.000021	0.000379	0.00004	-0.000449	-0.000011
232	DEAD	0.001213	0.000121	-0.007904	0.000047	0.000308	-0.000033
232	LIVE	0.000359	0.000058	-0.002376	0.000013	0.000089	-0.00001
232	WB	0.004171	0.000012	-0.000795	-4.088E-06	-0.000983	-0.000078
232	WS	0.007182	8.793E-06	-0.000198	-0.000028	-0.000596	-0.000129
233	DEAD	0.001389	0.000082	-0.008112	0.000086	-0.000045	0.00008
233	LIVE	0.000412	0.000046	-0.00244	0.000025	-0.000013	0.000025
233	WB	0.004562	0.000031	-0.001793	-0.000034	-0.000776	-0.000012
233	WS	0.007392	0.000033	-0.000748	-0.000097	-0.000422	-0.000032
234	DEAD	0.001229	0.000071	-0.007433	0.000159	0.001295	0.000056
234	LIVE	0.000365	0.000041	-0.002238	0.000046	0.000376	0.000019
234	WB	0.004739	0.000036	-0.00224	-0.000019	-0.000122	-0.000054
234	WS	0.007485	0.000038	-0.001002	-0.000083	-0.000051	-0.000112
235	DEAD	0.001426	6.691E-06	-0.00435	0.000032	-0.000478	-0.000024
235	LIVE	0.000424	7.385E-06	-0.001325	8.344E-06	-0.000137	-0.000013
235	WB	0.004347	-0.00004	-0.000489	7.048E-06	0.001271	-7.227E-06
235	WS	0.007107	-0.000057	-0.000777	-2.727E-06	0.001621	-0.000018
236	DEAD	0.001098	0.000027	-0.006473	0.000087	-0.002412	-0.000055
236	LIVE	0.000326	0.00002	-0.001954	0.000025	-0.000712	-0.000022
236	WB	0.004627	-0.000045	0.000476	0.000029	0.000555	-0.000012
236	WS	0.007435	-0.000059	0.000424	0.000019	0.000689	-0.000015
237	DEAD	0.00087	0.000037	-0.005607	0.000141	0.002671	0.000087
237	LIVE	0.000259	0.000026	-0.001701	0.000041	0.000795	0.000032
237	WB	0.004629	0.000043	-0.001827	-0.000019	0.001019	-3.619E-06
237	WS	0.007381	0.000054	-0.000694	-0.000081	0.000746	-0.000025

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
238	DEAD	0.000257	7.508E-07	-0.00292	0.000101	0.00263	0.000062
238	LIVE	0.000074	7.962E-06	-0.000895	0.000028	0.000791	0.000025
238	WB	0.004255	0.000037	-0.000538	-6.336E-06	0.001676	-8.376E-06
238	WS	0.007068	0.000048	0.000302	-0.000047	0.001477	-0.00003
251	DEAD	0.001016	-0.00004	-0.000128	-7.836E-06	0.002383	0.000018
251	LIVE	0.000299	-8.644E-06	-0.000035	-3.488E-06	0.000746	4.175E-06
251	WB	0.003946	-0.000018	-9.581E-06	4.124E-06	0.001261	-0.000036
251	WS	0.006605	-0.000021	-0.000011	3.481E-06	0.001903	-0.000066
256	DEAD	0.001467	0.000096	-0.000123	-0.000021	0.002823	-0.000013
256	LIVE	0.000437	0.000029	-0.000033	-6.518E-06	0.000882	-5.386E-06
256	WB	0.00436	5.335E-06	-9.025E-06	-2.486E-06	0.001391	0.000022
256	WS	0.007157	8.263E-06	-9.845E-06	-2.059E-06	0.002082	0.000049
258	DEAD	0.000623	0.000061	-0.000123	-0.000016	-0.001365	0.000011
258	LIVE	0.000186	0.000021	-0.000033	-6.531E-06	-0.000445	5.707E-06
258	WB	0.004281	0.000014	-0.000015	-0.000013	0.000976	0.000103
258	WS	0.00714	2.290E-06	0.00001	-0.000011	0.002015	0.000123
275	DEAD	0.	0.	0.	0.	0.	0.
275	LIVE	0.	0.	0.	0.	0.	0.
275	WB	0.	0.	0.	0.	0.	0.
275	WS	0.	0.	0.	0.	0.	0.
276	DEAD	0.	0.	0.	0.	0.	0.
276	LIVE	0.	0.	0.	0.	0.	0.
276	WB	0.	0.	0.	0.	0.	0.
276	WS	0.	0.	0.	0.	0.	0.
277	DEAD	0.	0.	0.	0.	0.	0.
277	LIVE	0.	0.	0.	0.	0.	0.
277	WB	0.	0.	0.	0.	0.	0.
277	WS	0.	0.	0.	0.	0.	0.
278	DEAD	0.	0.	0.	0.	0.	0.
278	LIVE	0.	0.	0.	0.	0.	0.
278	WB	0.	0.	0.	0.	0.	0.
278	WS	0.	0.	0.	0.	0.	0.
279	DEAD	0.	0.	0.	0.	0.	0.
279	LIVE	0.	0.	0.	0.	0.	0.
279	WB	0.	0.	0.	0.	0.	0.
279	WS	0.	0.	0.	0.	0.	0.
280	DEAD	0.	0.	0.	0.	0.	0.
280	LIVE	0.	0.	0.	0.	0.	0.
280	WB	0.	0.	0.	0.	0.	0.
280	WS	0.	0.	0.	0.	0.	0.
282	DEAD	0.	0.	0.	0.	0.	0.
282	LIVE	0.	0.	0.	0.	0.	0.
282	WB	0.	0.	0.	0.	0.	0.
282	WS	0.	0.	0.	0.	0.	0.
284	DEAD	0.	0.	0.	0.	0.	0.
284	LIVE	0.	0.	0.	0.	0.	0.
284	WB	0.	0.	0.	0.	0.	0.
284	WS	0.	0.	0.	0.	0.	0.
285	DEAD	0.000203	-0.000029	-0.000109	0.00002	-0.001315	-0.000022
285	LIVE	0.000058	-4.426E-06	-0.00003	4.452E-06	-0.000429	-5.293E-06
285	WB	0.00385	0.000021	0.000034	-4.044E-06	0.001063	-0.000036
285	WS	0.006567	0.000031	0.000091	-9.997E-06	0.002145	-0.000051
286	DEAD	0.	0.	0.	0.	0.	0.
286	LIVE	0.	0.	0.	0.	0.	0.

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
286	WB	0.	0.	0.	0.	0.	0.
286	WS	0.	0.	0.	0.	0.	0.
287	DEAD	0.	0.	0.	0.	0.	0.
287	LIVE	0.	0.	0.	0.	0.	0.
287	WB	0.	0.	0.	0.	0.	0.
287	WS	0.	0.	0.	0.	0.	0.
288	DEAD	0.	0.	0.	0.	0.	0.
288	LIVE	0.	0.	0.	0.	0.	0.
288	WB	0.	0.	0.	0.	0.	0.
288	WS	0.	0.	0.	0.	0.	0.
289	DEAD	0.000638	0.000227	-0.000088	0.000127	0.001808	-0.000018
289	LIVE	0.000178	0.000066	-0.000022	0.000039	0.000554	-6.700E-06
289	WB	0.002454	0.000027	-3.875E-06	-7.740E-06	0.000761	0.000091
289	WS	0.003896	0.000039	-2.951E-06	-0.000016	0.001088	0.000148
290	DEAD	0.	0.	0.	0.	0.	0.
290	LIVE	0.	0.	0.	0.	0.	0.
290	WB	0.	0.	0.	0.	0.	0.
290	WS	0.	0.	0.	0.	0.	0.
291	DEAD	0.000104	0.000156	-0.000091	0.00013	-0.001004	0.000028
291	LIVE	0.00003	0.000046	-0.000023	0.000039	-0.000324	0.00001
291	WB	0.002403	-0.000012	-0.000014	0.000046	0.000501	0.000119
291	WS	0.003885	-0.000052	3.210E-06	0.000018	0.001084	0.000159
292	DEAD	0.	0.	0.	0.	0.	0.
292	LIVE	0.	0.	0.	0.	0.	0.
292	WB	0.	0.	0.	0.	0.	0.
292	WS	0.	0.	0.	0.	0.	0.
294	DEAD	0.	0.	0.	0.	0.	0.
294	LIVE	0.	0.	0.	0.	0.	0.
294	WB	0.	0.	0.	0.	0.	0.
294	WS	0.	0.	0.	0.	0.	0.
295	DEAD	0.00027	-0.000277	-0.000038	0.000112	0.000174	0.000095
295	LIVE	0.000078	-0.000078	-8.623E-06	0.00003	0.000051	0.000027
295	WB	0.001255	-0.000035	-7.397E-06	0.000031	0.000563	-0.00007
295	WS	0.001939	-0.000047	-0.000012	0.000042	0.000878	-0.000111
296	DEAD	-0.000379	-0.000196	-0.000064	0.000039	0.000468	0.000044
296	LIVE	-0.000131	-0.000055	-0.000016	0.00001	0.000144	0.000013
296	WB	0.001693	-0.000028	-2.650E-06	0.000017	0.000935	-0.0001
296	WS	0.002699	-0.000035	-1.942E-06	0.000021	0.00146	-0.000158
297	DEAD	-0.000313	-0.000047	-0.000095	2.537E-06	0.000732	7.163E-06
297	LIVE	-0.000114	-0.000012	-0.000026	-4.348E-07	0.000223	1.363E-06
297	WB	0.002667	-0.000013	-7.042E-06	6.022E-06	0.001509	-0.000043
297	WS	0.00455	-0.000016	-7.828E-06	7.256E-06	0.002506	-0.000078
298	DEAD	-0.000153	0.000082	-0.000092	-0.000022	0.000953	-7.043E-06
298	LIVE	-0.000066	0.000025	-0.000025	-6.907E-06	0.000291	-3.132E-06
298	WB	0.002946	2.733E-06	-6.633E-06	-2.432E-06	0.001668	0.000029
298	WS	0.004919	5.031E-06	-7.235E-06	-3.551E-06	0.002719	0.000059
299	DEAD	-0.000346	0.000238	-0.000066	-0.000057	0.000509	-0.000029
299	LIVE	-0.000121	0.00007	-0.000017	-0.000017	0.00015	-9.916E-06
299	WB	0.001676	0.000017	-2.840E-06	-0.000011	0.000929	0.000115
299	WS	0.002707	0.000024	-2.158E-06	-0.000015	0.001468	0.000176
300	DEAD	0.000297	0.000318	-0.000039	-0.000128	0.000188	-0.000039
300	LIVE	0.000083	0.000092	-8.722E-06	-0.000037	0.000054	-0.000015
300	WB	0.001209	0.000023	-7.227E-06	-0.000025	0.000543	0.000077
300	WS	0.001897	0.000034	-0.000011	-0.000035	0.00086	0.00012

Table 27: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
301	DEAD	0.000247	-0.000223	-0.000031	0.000073	0.000081	-0.000069
301	LIVE	0.000075	-0.000061	-6.688E-06	0.000019	0.000023	-0.000019
301	WB	0.001253	7.069E-06	2.302E-06	-0.00003	0.000557	-0.000092
301	WS	0.001932	0.000066	0.00001	-0.000056	0.000877	-0.000102
302	DEAD	0.00051	-0.000169	-0.000068	3.375E-06	-0.000147	-0.000032
302	LIVE	0.000168	-0.000045	-0.000017	5.126E-06	-0.000049	-9.726E-06
302	WB	0.001793	9.337E-06	-9.963E-06	-0.000014	0.000869	-0.000293
302	WS	0.002707	0.000055	2.518E-06	-0.000024	0.001448	-0.000325
303	DEAD	0.000818	-0.000057	-0.00235	-0.000013	-0.000077	-0.000088
303	LIVE	0.000266	-0.000015	-0.00001	-9.296E-07	-0.00003	-0.000027
303	WB	0.011454	-6.017E-06	-0.000029	7.341E-06	0.001218	-0.000196
303	WS	0.012933	0.000011	-0.000031	0.000011	0.00207	-0.000326
304	DEAD	0.001173	0.000056	-0.000092	3.205E-06	-0.000015	0.000013
304	LIVE	0.000368	0.000016	-0.000025	-5.757E-06	-0.000011	5.523E-06
304	WB	0.00309	4.447E-06	-0.000011	-7.331E-06	0.001566	0.000227
304	WS	0.004947	-5.965E-06	7.650E-06	-4.875E-06	0.002694	0.000251
305	DEAD	0.00057	0.000179	-0.000068	-0.000036	-0.000128	0.000037
305	LIVE	0.000181	0.000052	-0.000017	-0.000012	-0.000043	0.000012
305	WB	0.001759	9.715E-06	-0.00001	8.526E-06	0.000871	0.000131
305	WS	0.002699	-0.000034	2.342E-06	0.000019	0.001464	0.000178
306	DEAD	0.000273	0.000237	-0.000032	-0.000083	0.000091	0.00002
306	LIVE	0.000082	0.000067	-6.487E-06	-0.000024	0.000025	8.988E-06
306	WB	0.001207	0.000012	1.993E-06	0.000021	0.000537	0.000096
306	WS	0.00189	-0.000046	0.00001	0.000048	0.000859	0.00011
307	DEAD	0.00027	-0.000437	-0.000018	0.000115	0.000125	-9.383E-06
307	LIVE	0.00008	-0.000118	-2.654E-06	0.000029	0.000037	-2.835E-06
307	WB	0.001271	-0.000035	4.078E-07	0.000013	0.000535	-0.000021
307	WS	0.001963	-2.576E-07	7.261E-07	-1.260E-06	0.000836	-0.000027
308	DEAD	0.000297	0.000113	-0.000016	0.000078	0.000136	0.000021
308	LIVE	0.000086	0.000039	-1.991E-06	0.000016	0.000039	4.184E-06
308	WB	0.001224	7.035E-06	6.885E-07	1.199E-06	0.000516	0.000013
308	WS	0.00192	-0.000022	8.959E-07	0.000014	0.000818	0.000018

Table 28: Joint Reactions

Table 28: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Tonf	Tonf	Tonf	Tonf-m	Tonf-m	Tonf-m
275	DEAD	-0.2004	-0.1678	3.1532	0.26658	-0.31277	-0.00978
275	LIVE	-0.0637	-0.0463	0.5919	0.07453	-0.09704	-0.00433
275	WB	-0.7313	-0.0486	-0.1819	0.04625	-1.24197	-0.0464
275	WS	-1.0849	-0.0166	-0.9226	-0.01178	-1.90434	-0.05313
276	DEAD	-0.0783	-0.1997	3.8044	0.33727	-0.22634	0.01862
276	LIVE	-0.0199	-0.0577	0.7958	0.09754	-0.06179	0.00726
276	WB	-0.7232	0.01	0.6594	0.00435	-1.23615	-0.03733
276	WS	-1.0916	0.0118	1.0431	0.00889	-1.91335	-0.05778
277	DEAD	-0.1593	-0.2651	1.7387	0.27795	-0.29238	-0.0099
277	LIVE	-0.047	-0.0741	0.1816	0.08172	-0.08517	-0.00202
277	WB	-0.7994	-0.0108	-0.0628	0.01264	-1.29523	-0.00633
277	WS	-1.2003	0.0059	-0.0817	-0.01686	-2.00345	-0.00888
278	DEAD	-0.1846	0.1659	3.1102	-0.25745	-0.2861	0.03333
278	LIVE	-0.0582	0.0474	0.6102	-0.07197	-0.08878	0.00925

Table 28: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Tonf	Tonf	Tonf	Tonf-m	Tonf-m	Tonf-m
278	WB	-0.7567	0.0386	-0.21	-0.02763	-1.28782	0.04425
278	WS	-1.1081	0.0042	-0.9409	0.03282	-1.94601	0.04906
279	DEAD	-0.0667	0.1728	3.7251	-0.29259	-0.20234	-0.04585
279	LIVE	-0.0169	0.0505	0.7868	-0.08384	-0.05632	-0.01301
279	WB	-0.7503	-0.0054	0.675	-0.01465	-1.28366	0.03366
279	WS	-1.1167	-0.0069	1.0581	-0.01996	-1.95685	0.05345
280	DEAD	1.2161	0.1856	6.1421	-0.25898	1.19975	-0.02106
280	LIVE	0.3919	0.0525	1.4879	-0.07277	0.39125	-0.00608
280	WB	-0.7286	0.009	0.2418	-0.02267	-1.49404	0.0483
280	WS	-1.1713	0.0119	0.1772	-0.02908	-2.40614	0.07609
282	DEAD	-0.8753	0.2078	6.4649	-0.26203	-0.9934	0.01518
282	LIVE	-0.29	0.0489	1.5821	-0.0646	-0.32882	0.00469
282	WB	-0.9602	0.0111	0.9091	-0.00393	-1.73813	0.14096
282	WS	-1.2003	-0.0309	-0.2298	0.05514	-2.43412	0.15679
284	DEAD	-0.1435	0.3696	1.9148	-0.54101	-0.26505	0.00452
284	LIVE	-0.0423	0.1036	0.2422	-0.14906	-0.07817	0.00137
284	WB	-0.8283	0.0234	-0.0372	-0.03832	-1.3447	0.01011
284	WS	-1.2269	0.0023	-0.0663	-0.00203	-2.04858	0.01316
286	DEAD	-1.5709	-0.0012	8.4044	-0.0091	-1.58343	0.00845
286	LIVE	-0.5022	-0.0016	2.2323	7.001E-05	-0.50887	0.00206
286	WB	-1.5196	-0.0093	1.0127	0.01677	-2.85161	0.01392
286	WS	-2.163	-0.0094	-0.6969	0.02026	-4.48368	0.01983
287	DEAD	-1.5032	-0.0752	8.6576	0.09185	-1.86872	-0.00607
287	LIVE	-0.4816	-0.0117	2.2464	0.01854	-0.59472	-0.00266
287	WB	-1.4971	0.006	1.0218	-0.00242	-2.8859	-0.10945
287	WS	-2.061	0.0152	-0.698	-0.01568	-4.36267	-0.12117
288	DEAD	1.697	-0.0686	8.642	0.10101	1.4687	0.00339
288	LIVE	0.5412	-0.0205	2.2451	0.03035	0.47758	0.00151
288	WB	-1.1552	3.882E-04	0.6053	0.00118	-2.52837	-0.01379
288	WS	-1.9872	-7.477E-04	0.6602	0.00336	-4.28761	-0.0286
290	DEAD	1.2395	-0.2107	6.3138	0.30234	1.20071	0.01417
290	LIVE	0.3892	-0.0604	1.5058	0.08731	0.38367	0.00478
290	WB	-0.7163	-0.0037	0.2591	0.01235	-1.47461	-0.05559
290	WS	-1.1682	-0.0062	0.1969	0.01803	-2.40825	-0.08484
292	DEAD	-0.9205	-0.1685	6.5028	0.23529	-1.06314	-0.01769
292	LIVE	-0.2955	-0.0462	1.5499	0.06596	-0.34013	-0.00598
292	WB	-0.9145	-0.0257	0.9302	0.02629	-1.682	-0.06308
292	WS	-1.1644	0.0126	-0.2137	-0.02882	-2.40076	-0.08591
294	DEAD	1.5502	0.0551	8.9608	-0.07061	1.43651	-0.00345
294	LIVE	0.4949	0.0156	2.3336	-0.01916	0.46603	-0.00066
294	WB	-1.0537	0.0066	0.6425	-0.01242	-2.29281	0.02073
294	WS	-1.8571	0.0084	0.7143	-0.01548	-3.97943	0.03759

9. Frame results

This section provides frame force results.

Table 29: Element Forces - Frames, Part 1 of 2

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
23	0.	DEAD	0.0086	0.4258	0.18
23	0.45	DEAD	0.0086	0.4531	0.18
23	0.9	DEAD	0.0086	0.4805	0.18
23	1.35	DEAD	0.0086	0.5079	0.18
23	1.35	DEAD	2.9458	-0.2449	-0.124
23	1.8125	DEAD	2.9458	-0.2168	-0.124
23	2.275	DEAD	2.9458	-0.1887	-0.124
23	2.7375	DEAD	2.9458	-0.1606	-0.124
23	3.2	DEAD	2.9458	-0.1325	-0.124
23	3.6625	DEAD	2.9458	-0.1044	-0.124
23	4.125	DEAD	2.9458	-0.0763	-0.124
23	4.5875	DEAD	2.9458	-0.0482	-0.124
23	5.05	DEAD	2.9458	-0.02	-0.124
23	5.05	DEAD	2.5499	-0.1548	0.0956
23	5.54509	DEAD	2.5499	-0.1247	0.0956
23	6.04018	DEAD	2.5499	-0.0947	0.0956
23	6.53527	DEAD	2.5499	-0.0646	0.0956
23	7.03036	DEAD	2.5499	-0.0345	0.0956
23	7.52545	DEAD	2.5499	-0.0044	0.0956
23	8.02054	DEAD	2.5499	0.0257	0.0956
23	8.51564	DEAD	2.5499	0.0558	0.0956
23	9.01073	DEAD	2.5499	0.0859	0.0956
23	9.01073	DEAD	0.0069	-0.4556	-0.2656
23	9.43573	DEAD	0.0069	-0.4298	-0.2656
23	9.86073	DEAD	0.0069	-0.404	-0.2656
23	0.	LIVE	0.0025	0.1356	0.0476
23	0.45	LIVE	0.0025	0.1356	0.0476
23	0.9	LIVE	0.0025	0.1356	0.0476
23	1.35	LIVE	0.0025	0.1356	0.0476
23	1.35	LIVE	0.8164	-0.0404	-0.0358
23	1.8125	LIVE	0.8164	-0.0404	-0.0358
23	2.275	LIVE	0.8164	-0.0404	-0.0358
23	2.7375	LIVE	0.8164	-0.0404	-0.0358
23	3.2	LIVE	0.8164	-0.0404	-0.0358
23	3.6625	LIVE	0.8164	-0.0404	-0.0358
23	4.125	LIVE	0.8164	-0.0404	-0.0358
23	4.5875	LIVE	0.8164	-0.0404	-0.0358
23	5.05	LIVE	0.8164	-0.0404	-0.0358
23	5.05	LIVE	0.702	-0.0049	0.0247
23	5.54509	LIVE	0.702	-0.0049	0.0247
23	6.04018	LIVE	0.702	-0.0049	0.0247
23	6.53527	LIVE	0.702	-0.0049	0.0247
23	7.03036	LIVE	0.702	-0.0049	0.0247
23	7.52545	LIVE	0.702	-0.0049	0.0247
23	8.02054	LIVE	0.702	-0.0049	0.0247
23	8.51564	LIVE	0.702	-0.0049	0.0247
23	9.01073	LIVE	0.702	-0.0049	0.0247
23	9.01073	LIVE	0.0021	-0.1296	-0.0718
23	9.43573	LIVE	0.0021	-0.1296	-0.0718
23	9.86073	LIVE	0.0021	-0.1296	-0.0718
23	0.	WB	0.0592	0.0117	0.0851
23	0.45	WB	0.0592	0.0117	0.0851
23	0.9	WB	0.0592	0.0117	0.0851

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
23	1.35	WB	0.0592	0.0117	0.0851
23	1.35	WB	0.5574	-0.296	0.0419
23	1.8125	WB	0.5574	-0.296	0.0419
23	2.275	WB	0.5574	-0.296	0.0419
23	2.7375	WB	0.5574	-0.296	0.0419
23	3.2	WB	0.5574	-0.296	0.0419
23	3.6625	WB	0.5574	-0.296	0.0419
23	4.125	WB	0.5574	-0.296	0.0419
23	4.5875	WB	0.5574	-0.296	0.0419
23	5.05	WB	0.5574	-0.296	0.0419
23	5.05	WB	-0.0756	-0.2518	0.0537
23	5.54509	WB	-0.0756	-0.2518	0.0537
23	6.04018	WB	-0.0756	-0.2518	0.0537
23	6.53527	WB	-0.0756	-0.2518	0.0537
23	7.03036	WB	-0.0756	-0.2518	0.0537
23	7.52545	WB	-0.0756	-0.2518	0.0537
23	8.02054	WB	-0.0756	-0.2518	0.0537
23	8.51564	WB	-0.0756	-0.2518	0.0537
23	9.01073	WB	-0.0756	-0.2518	0.0537
23	9.01073	WB	-0.0559	-0.0948	0.0518
23	9.43573	WB	-0.0559	-0.0948	0.0518
23	9.86073	WB	-0.0559	-0.0948	0.0518
23	0.	WS	0.1685	0.014	0.1427
23	0.45	WS	0.1685	0.014	0.1427
23	0.9	WS	0.1685	0.014	0.1427
23	1.35	WS	0.1685	0.014	0.1427
23	1.35	WS	0.7426	-0.4626	0.0573
23	1.8125	WS	0.7426	-0.4626	0.0573
23	2.275	WS	0.7426	-0.4626	0.0573
23	2.7375	WS	0.7426	-0.4626	0.0573
23	3.2	WS	0.7426	-0.4626	0.0573
23	3.6625	WS	0.7426	-0.4626	0.0573
23	4.125	WS	0.7426	-0.4626	0.0573
23	4.5875	WS	0.7426	-0.4626	0.0573
23	5.05	WS	0.7426	-0.4626	0.0573
23	5.05	WS	-0.452	-0.4083	0.055
23	5.54509	WS	-0.452	-0.4083	0.055
23	6.04018	WS	-0.452	-0.4083	0.055
23	6.53527	WS	-0.452	-0.4083	0.055
23	7.03036	WS	-0.452	-0.4083	0.055
23	7.52545	WS	-0.452	-0.4083	0.055
23	8.02054	WS	-0.452	-0.4083	0.055
23	8.51564	WS	-0.452	-0.4083	0.055
23	9.01073	WS	-0.452	-0.4083	0.055
23	9.01073	WS	-0.0621	0.0102	0.099
23	9.43573	WS	-0.0621	0.0102	0.099
23	9.86073	WS	-0.0621	0.0102	0.099
30	0.	DEAD	0.009	0.4262	-0.1128
30	0.45	DEAD	0.009	0.4535	-0.1128
30	0.9	DEAD	0.009	0.4809	-0.1128
30	1.35	DEAD	0.009	0.5082	-0.1128
30	1.35	DEAD	2.8289	-0.2397	0.0156
30	1.8125	DEAD	2.8289	-0.2116	0.0156
30	2.275	DEAD	2.8289	-0.1835	0.0156

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
30	2.7375	DEAD	2.8289	-0.1554	0.0156
30	3.2	DEAD	2.8289	-0.1272	0.0156
30	3.6625	DEAD	2.8289	-0.0991	0.0156
30	4.125	DEAD	2.8289	-0.071	0.0156
30	4.5875	DEAD	2.8289	-0.0429	0.0156
30	5.05	DEAD	2.8289	-0.0148	0.0156
30	5.05	DEAD	2.4827	-0.1502	0.0021
30	5.54509	DEAD	2.4827	-0.1201	0.0021
30	6.04018	DEAD	2.4827	-0.09	0.0021
30	6.53527	DEAD	2.4827	-0.0599	0.0021
30	7.03036	DEAD	2.4827	-0.0298	0.0021
30	7.52545	DEAD	2.4827	3.034E-04	0.0021
30	8.02054	DEAD	2.4827	0.0304	0.0021
30	8.51564	DEAD	2.4827	0.0605	0.0021
30	9.01073	DEAD	2.4827	0.0906	0.0021
30	9.01073	DEAD	0.0084	-0.4559	0.1824
30	9.43573	DEAD	0.0084	-0.4301	0.1824
30	9.86073	DEAD	0.0084	-0.4043	0.1824
30	0.	LIVE	0.0025	0.1362	-0.0302
30	0.45	LIVE	0.0025	0.1362	-0.0302
30	0.9	LIVE	0.0025	0.1362	-0.0302
30	1.35	LIVE	0.0025	0.1362	-0.0302
30	1.35	LIVE	0.7982	-0.0397	0.0054
30	1.8125	LIVE	0.7982	-0.0397	0.0054
30	2.275	LIVE	0.7982	-0.0397	0.0054
30	2.7375	LIVE	0.7982	-0.0397	0.0054
30	3.2	LIVE	0.7982	-0.0397	0.0054
30	3.6625	LIVE	0.7982	-0.0397	0.0054
30	4.125	LIVE	0.7982	-0.0397	0.0054
30	4.5875	LIVE	0.7982	-0.0397	0.0054
30	5.05	LIVE	0.7982	-0.0397	0.0054
30	5.05	LIVE	0.698	-0.0065	3.032E-04
30	5.54509	LIVE	0.698	-0.0065	3.032E-04
30	6.04018	LIVE	0.698	-0.0065	3.032E-04
30	6.53527	LIVE	0.698	-0.0065	3.032E-04
30	7.03036	LIVE	0.698	-0.0065	3.032E-04
30	7.52545	LIVE	0.698	-0.0065	3.032E-04
30	8.02054	LIVE	0.698	-0.0065	3.032E-04
30	8.51564	LIVE	0.698	-0.0065	3.032E-04
30	9.01073	LIVE	0.698	-0.0065	3.032E-04
30	9.01073	LIVE	0.0024	-0.1294	0.0492
30	9.43573	LIVE	0.0024	-0.1294	0.0492
30	9.86073	LIVE	0.0024	-0.1294	0.0492
30	0.	WB	0.0591	0.0115	-0.0827
30	0.45	WB	0.0591	0.0115	-0.0827
30	0.9	WB	0.0591	0.0115	-0.0827
30	1.35	WB	0.0591	0.0115	-0.0827
30	1.35	WB	0.5689	-0.3033	-0.0481
30	1.8125	WB	0.5689	-0.3033	-0.0481
30	2.275	WB	0.5689	-0.3033	-0.0481
30	2.7375	WB	0.5689	-0.3033	-0.0481
30	3.2	WB	0.5689	-0.3033	-0.0481
30	3.6625	WB	0.5689	-0.3033	-0.0481
30	4.125	WB	0.5689	-0.3033	-0.0481

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
30	4.5875	WB	0.5689	-0.3033	-0.0481
30	5.05	WB	0.5689	-0.3033	-0.0481
30	5.05	WB	-0.0996	-0.2581	-0.0447
30	5.54509	WB	-0.0996	-0.2581	-0.0447
30	6.04018	WB	-0.0996	-0.2581	-0.0447
30	6.53527	WB	-0.0996	-0.2581	-0.0447
30	7.03036	WB	-0.0996	-0.2581	-0.0447
30	7.52545	WB	-0.0996	-0.2581	-0.0447
30	8.02054	WB	-0.0996	-0.2581	-0.0447
30	8.51564	WB	-0.0996	-0.2581	-0.0447
30	9.01073	WB	-0.0996	-0.2581	-0.0447
30	9.01073	WB	-0.0554	-0.0953	-0.0429
30	9.43573	WB	-0.0554	-0.0953	-0.0429
30	9.86073	WB	-0.0554	-0.0953	-0.0429
30	0.	WS	0.168	0.0137	-0.1407
30	0.45	WS	0.168	0.0137	-0.1407
30	0.9	WS	0.168	0.0137	-0.1407
30	1.35	WS	0.168	0.0137	-0.1407
30	1.35	WS	0.7557	-0.4682	-0.0612
30	1.8125	WS	0.7557	-0.4682	-0.0612
30	2.275	WS	0.7557	-0.4682	-0.0612
30	2.7375	WS	0.7557	-0.4682	-0.0612
30	3.2	WS	0.7557	-0.4682	-0.0612
30	3.6625	WS	0.7557	-0.4682	-0.0612
30	4.125	WS	0.7557	-0.4682	-0.0612
30	4.5875	WS	0.7557	-0.4682	-0.0612
30	5.05	WS	0.7557	-0.4682	-0.0612
30	5.05	WS	-0.4727	-0.4136	-0.0453
30	5.54509	WS	-0.4727	-0.4136	-0.0453
30	6.04018	WS	-0.4727	-0.4136	-0.0453
30	6.53527	WS	-0.4727	-0.4136	-0.0453
30	7.03036	WS	-0.4727	-0.4136	-0.0453
30	7.52545	WS	-0.4727	-0.4136	-0.0453
30	8.02054	WS	-0.4727	-0.4136	-0.0453
30	8.51564	WS	-0.4727	-0.4136	-0.0453
30	9.01073	WS	-0.4727	-0.4136	-0.0453
30	9.01073	WS	-0.0614	0.0096	-0.0938
30	9.43573	WS	-0.0614	0.0096	-0.0938
30	9.86073	WS	-0.0614	0.0096	-0.0938
35	0.	DEAD	4.547E-13	5.684E-14	0.
35	0.00734	DEAD	-1.052E-04	3.682E-04	0.
35	0.01468	DEAD	-2.104E-04	7.364E-04	0.
35	0.	LIVE	-1.137E-13	1.421E-14	0.
35	0.00734	LIVE	-1.137E-13	1.421E-14	0.
35	0.01468	LIVE	-1.137E-13	1.421E-14	0.
35	0.	WB	-1.819E-12	1.705E-13	2.842E-14
35	0.00734	WB	-1.819E-12	1.844E-05	2.842E-14
35	0.01468	WB	-1.819E-12	3.688E-05	2.842E-14
35	0.	WS	-3.638E-12	3.979E-13	5.684E-14
35	0.00734	WS	-3.638E-12	1.844E-05	5.684E-14
35	0.01468	WS	-3.638E-12	3.688E-05	5.684E-14
81	0.	DEAD	-0.8345	-0.3506	-0.1753
81	0.5	DEAD	-0.8345	-0.2228	-0.1753
81	1.	DEAD	-0.8345	-0.095	-0.1753

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
81	1.5	DEAD	-0.8345	0.0328	-0.1753
81	2.	DEAD	-0.8345	0.1606	-0.1753
81	0.	LIVE	-0.2338	-0.1042	-0.0526
81	0.5	LIVE	-0.2338	-0.0667	-0.0526
81	1.	LIVE	-0.2338	-0.0292	-0.0526
81	1.5	LIVE	-0.2338	0.0083	-0.0526
81	2.	LIVE	-0.2338	0.0458	-0.0526
81	0.	WB	-0.0884	-0.0217	-0.274
81	0.5	WB	-0.0884	-0.0217	-0.2558
81	1.	WB	-0.0884	-0.0217	-0.2376
81	1.5	WB	-0.0884	-0.0217	-0.2194
81	2.	WB	-0.0884	-0.0217	-0.2012
81	0.	WS	-0.0354	-0.0161	-0.4916
81	0.5	WS	-0.0354	-0.0161	-0.4734
81	1.	WS	-0.0354	-0.0161	-0.4552
81	1.5	WS	-0.0354	-0.0161	-0.437
81	2.	WS	-0.0354	-0.0161	-0.4188
85	0.	DEAD	-1.5595	-0.0303	0.
85	0.49527	DEAD	-1.5595	-0.0152	0.
85	0.99053	DEAD	-1.5595	-4.221E-18	0.
85	1.4858	DEAD	-1.5595	0.0152	0.
85	1.98106	DEAD	-1.5595	0.0303	0.
85	0.	LIVE	-0.4427	0.	0.
85	0.49527	LIVE	-0.4427	0.	0.
85	0.99053	LIVE	-0.4427	0.	0.
85	1.4858	LIVE	-0.4427	0.	0.
85	1.98106	LIVE	-0.4427	0.	0.
85	0.	WB	-0.1416	0.	0.
85	0.49527	WB	-0.1416	0.	0.
85	0.99053	WB	-0.1416	0.	0.
85	1.4858	WB	-0.1416	0.	0.
85	1.98106	WB	-0.1416	0.	0.
85	0.	WS	-0.0063	0.	0.
85	0.49527	WS	-0.0063	0.	0.
85	0.99053	WS	-0.0063	0.	0.
85	1.4858	WS	-0.0063	0.	0.
85	1.98106	WS	-0.0063	0.	0.
86	0.	DEAD	-1.5576	-0.0303	0.
86	0.49527	DEAD	-1.5576	-0.0152	0.
86	0.99053	DEAD	-1.5576	-4.292E-18	0.
86	1.4858	DEAD	-1.5576	0.0152	0.
86	1.98106	DEAD	-1.5576	0.0303	0.
86	0.	LIVE	-0.4379	0.	0.
86	0.49527	LIVE	-0.4379	0.	0.
86	0.99053	LIVE	-0.4379	0.	0.
86	1.4858	LIVE	-0.4379	0.	0.
86	1.98106	LIVE	-0.4379	0.	0.
86	0.	WB	-0.1245	0.	0.
86	0.49527	WB	-0.1245	0.	0.
86	0.99053	WB	-0.1245	0.	0.
86	1.4858	WB	-0.1245	0.	0.
86	1.98106	WB	-0.1245	0.	0.
86	0.	WS	0.0209	0.	0.
86	0.49527	WS	0.0209	0.	0.

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
86	0.99053	WS	0.0209	0.	0.
86	1.4858	WS	0.0209	0.	0.
86	1.98106	WS	0.0209	0.	0.
89	0.	DEAD	-1.1972	-0.1346	0.7355
89	0.53171	DEAD	-1.1913	-0.1194	0.7355
89	1.06342	DEAD	-1.1853	-0.1043	0.7355
89	0.	LIVE	-0.2526	-0.0404	0.2134
89	0.53171	LIVE	-0.2526	-0.0404	0.2134
89	1.06342	LIVE	-0.2526	-0.0404	0.2134
89	0.	WB	-0.3122	-0.0306	0.2835
89	0.53171	WB	-0.3122	-0.0332	0.2835
89	1.06342	WB	-0.3122	-0.0358	0.2835
89	0.	WS	-0.4724	-0.0363	0.3996
89	0.53171	WS	-0.4724	-0.0388	0.3996
89	1.06342	WS	-0.4724	-0.0414	0.3996
90	0.	DEAD	-0.9633	0.0974	0.513
90	0.53171	DEAD	-0.9573	0.1126	0.513
90	1.06342	DEAD	-0.9514	0.1277	0.513
90	0.	LIVE	-0.1845	0.0232	0.1455
90	0.53171	LIVE	-0.1845	0.0232	0.1455
90	1.06342	LIVE	-0.1845	0.0232	0.1455
90	0.	WB	-0.2232	-0.0403	0.2139
90	0.53171	WB	-0.2232	-0.0428	0.2139
90	1.06342	WB	-0.2232	-0.0454	0.2139
90	0.	WS	-0.2962	-0.0615	0.3207
90	0.53171	WS	-0.2962	-0.064	0.3207
90	1.06342	WS	-0.2962	-0.0666	0.3207
91	0.	DEAD	-3.186	-0.0614	0.8113
91	0.54596	DEAD	-3.18	-0.0459	0.8113
91	1.09191	DEAD	-3.174	-0.0303	0.8113
91	0.	LIVE	-0.8516	-0.0335	0.2427
91	0.54596	LIVE	-0.8516	-0.0335	0.2427
91	1.09191	LIVE	-0.8516	-0.0335	0.2427
91	0.	WB	-0.242	4.878E-04	0.2827
91	0.54596	WB	-0.242	-0.0021	0.2827
91	1.09191	WB	-0.242	-0.0047	0.2827
91	0.	WS	-0.0266	0.0182	0.4815
91	0.54596	WS	-0.0266	0.0156	0.4815
91	1.09191	WS	-0.0266	0.013	0.4815
92	0.	DEAD	-2.9953	0.7682	0.8368
92	0.54596	DEAD	-2.9893	0.7838	0.8368
92	1.09191	DEAD	-2.9832	0.7994	0.8368
92	0.	LIVE	-0.7911	0.2241	0.2611
92	0.54596	LIVE	-0.7911	0.2241	0.2611
92	1.09191	LIVE	-0.7911	0.2241	0.2611
92	0.	WB	-0.2149	-0.0431	0.3458
92	0.54596	WB	-0.2149	-0.0457	0.3458
92	1.09191	WB	-0.2149	-0.0483	0.3458
92	0.	WS	0.1801	-0.1101	0.5185
92	0.54596	WS	0.1801	-0.1126	0.5185
92	1.09191	WS	0.1801	-0.1152	0.5185
95	0.	DEAD	-3.0593	-0.071	-0.71
95	1.09191	DEAD	-3.0472	-0.0398	-0.71
95	1.09191	DEAD	-2.8642	0.7414	-0.7604

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
95	2.18383	DEAD	-2.8522	0.7725	-0.7604
95	0.	LIVE	-0.8899	-0.0288	-0.2116
95	1.09191	LIVE	-0.8899	-0.0288	-0.2116
95	1.09191	LIVE	-0.8279	0.2235	-0.2294
95	2.18383	LIVE	-0.8279	0.2235	-0.2294
95	0.	WB	-0.2383	0.006	-0.2651
95	1.09191	WB	-0.2383	8.293E-04	-0.2651
95	1.09191	WB	-0.1939	-0.0386	-0.2898
95	2.18383	WB	-0.1939	-0.0438	-0.2898
95	0.	WS	-0.029	0.025	-0.4582
95	1.09191	WS	-0.029	0.0198	-0.4582
95	1.09191	WS	0.1957	-0.1032	-0.4431
95	2.18383	WS	0.1957	-0.1083	-0.4431
97	0.	DEAD	-0.9224	-0.1147	-0.49
97	0.53171	DEAD	-0.9284	-0.0996	-0.49
97	1.06342	DEAD	-0.9343	-0.0844	-0.49
97	0.	LIVE	-0.243	-0.0229	-0.146
97	0.53171	LIVE	-0.243	-0.0229	-0.146
97	1.06342	LIVE	-0.243	-0.0229	-0.146
97	0.	WB	-0.1895	0.0125	-0.1921
97	0.53171	WB	-0.1895	0.0099	-0.1921
97	1.06342	WB	-0.1895	0.0074	-0.1921
97	0.	WS	-0.2593	0.03	-0.2876
97	0.53171	WS	-0.2593	0.0274	-0.2876
97	1.06342	WS	-0.2593	0.0249	-0.2876
98	0.	DEAD	-1.1456	0.1228	-0.7633
98	0.53171	DEAD	-1.1515	0.1379	-0.7633
98	1.06342	DEAD	-1.1574	0.1531	-0.7633
98	0.	LIVE	-0.3075	0.0424	-0.2221
98	0.53171	LIVE	-0.3075	0.0424	-0.2221
98	1.06342	LIVE	-0.3075	0.0424	-0.2221
98	0.	WB	-0.2772	-0.0034	-0.2139
98	0.53171	WB	-0.2772	-0.0059	-0.2139
98	1.06342	WB	-0.2772	-0.0085	-0.2139
98	0.	WS	-0.4317	-0.0021	-0.301
98	0.53171	WS	-0.4317	-0.0047	-0.301
98	1.06342	WS	-0.4317	-0.0073	-0.301
103	0.	DEAD	-3.0331	-0.7305	0.5818
103	1.09095	DEAD	-3.0452	-0.6993	0.5818
103	1.09095	DEAD	-3.2836	0.094	0.5275
103	2.1819	DEAD	-3.2957	0.1252	0.5275
103	0.	LIVE	-0.8819	-0.2116	0.1765
103	1.09095	LIVE	-0.8819	-0.2116	0.1765
103	1.09095	LIVE	-0.9604	0.0442	0.1574
103	2.1819	LIVE	-0.9604	0.0442	0.1574
103	0.	WB	-0.1728	-0.2206	-0.1659
103	1.09095	WB	-0.1728	-0.2154	-0.1659
103	1.09095	WB	-0.1881	0.028	-0.1269
103	2.1819	WB	-0.1881	0.0332	-0.1269
103	0.	WS	-0.005	-0.0564	-0.3784
103	1.09095	WS	-0.005	-0.0513	-0.3784
103	1.09095	WS	0.0183	-0.0182	-0.3368
103	2.1819	WS	0.0183	-0.013	-0.3368
107	0.	DEAD	-3.1642	-0.75	-0.5936

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
107	0.54547	DEAD	-3.1702	-0.7344	-0.5936
107	1.09095	DEAD	-3.1762	-0.7188	-0.5936
107	0.	LIVE	-0.8594	-0.173	-0.1879
107	0.54547	LIVE	-0.8594	-0.173	-0.1879
107	1.09095	LIVE	-0.8594	-0.173	-0.1879
107	0.	WB	-0.1909	-0.2328	0.212
107	0.54547	WB	-0.1909	-0.2302	0.212
107	1.09095	WB	-0.1909	-0.2277	0.212
107	0.	WS	-0.0282	-0.0693	0.4399
107	0.54547	WS	-0.0282	-0.0667	0.4399
107	1.09095	WS	-0.0282	-0.0641	0.4399
108	0.	DEAD	-3.4149	0.089	-0.5556
108	0.54547	DEAD	-3.421	0.1045	-0.5556
108	1.09095	DEAD	-3.427	0.1201	-0.5556
108	0.	LIVE	-0.9105	0.0162	-0.1708
108	0.54547	LIVE	-0.9105	0.0162	-0.1708
108	1.09095	LIVE	-0.9105	0.0162	-0.1708
108	0.	WB	-0.2239	0.0192	0.1325
108	0.54547	WB	-0.2239	0.0218	0.1325
108	1.09095	WB	-0.2239	0.0244	0.1325
108	0.	WS	-0.0242	-0.0286	0.3479
108	0.54547	WS	-0.0242	-0.026	0.3479
108	1.09095	WS	-0.0242	-0.0234	0.3479
109	0.	DEAD	-0.7503	-0.1606	-0.3215
109	0.53171	DEAD	-0.7563	-0.1454	-0.3215
109	1.06342	DEAD	-0.7622	-0.1303	-0.3215
109	0.	LIVE	-0.1403	0.0082	-0.0883
109	0.53171	LIVE	-0.1403	0.0082	-0.0883
109	1.06342	LIVE	-0.1403	0.0082	-0.0883
109	0.	WB	0.1089	-0.0668	0.1255
109	0.53171	WB	0.1089	-0.0642	0.1255
109	1.06342	WB	0.1089	-0.0617	0.1255
109	0.	WS	0.2743	-0.0578	0.2853
109	0.53171	WS	0.2743	-0.0553	0.2853
109	1.06342	WS	0.2743	-0.0527	0.2853
110	0.	DEAD	-0.9164	0.062	-0.5076
110	0.53171	DEAD	-0.9224	0.0772	-0.5076
110	1.06342	DEAD	-0.9283	0.0924	-0.5076
110	0.	LIVE	-0.1609	1.073E-04	-0.1404
110	0.53171	LIVE	-0.1609	1.073E-04	-0.1404
110	1.06342	LIVE	-0.1609	1.073E-04	-0.1404
110	0.	WB	0.156	-0.0078	0.177
110	0.53171	WB	0.156	-0.0052	0.177
110	1.06342	WB	0.156	-0.0026	0.177
110	0.	WS	0.3911	-0.0444	0.3787
110	0.53171	WS	0.3911	-0.0418	0.3787
110	1.06342	WS	0.3911	-0.0393	0.3787
111	0.	DEAD	-0.92	-0.1178	0.5641
111	0.53171	DEAD	-0.9141	-0.1026	0.5641
111	1.06342	DEAD	-0.9082	-0.0875	0.5641
111	0.	LIVE	-0.2366	-0.032	0.1627
111	0.53171	LIVE	-0.2366	-0.032	0.1627
111	1.06342	LIVE	-0.2366	-0.032	0.1627
111	0.	WB	0.1352	-0.0468	-0.0991

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
111	0.53171	WB	0.1352	-0.0442	-0.0991
111	1.06342	WB	0.1352	-0.0417	-0.0991
111	0.	WS	0.3542	-0.0101	-0.276
111	0.53171	WS	0.3542	-0.0076	-0.276
111	1.06342	WS	0.3542	-0.005	-0.276
112	0.	DEAD	-0.7551	0.1108	0.3236
112	0.53171	DEAD	-0.7492	0.126	0.3236
112	1.06342	DEAD	-0.7433	0.1412	0.3236
112	0.	LIVE	-0.1895	0.0306	0.0963
112	0.53171	LIVE	-0.1895	0.0306	0.0963
112	1.06342	LIVE	-0.1895	0.0306	0.0963
112	0.	WB	0.0886	0.0202	-0.1035
112	0.53171	WB	0.0886	0.0228	-0.1035
112	1.06342	WB	0.0886	0.0254	-0.1035
112	0.	WS	0.2403	0.0114	-0.2525
112	0.53171	WS	0.2403	0.014	-0.2525
112	1.06342	WS	0.2403	0.0166	-0.2525
125	0.	DEAD	-8.3003	-1.9538	0.1322
125	0.53509	DEAD	-8.2962	-1.9379	0.1322
125	1.07018	DEAD	-8.2921	-1.9221	0.1322
125	0.	LIVE	-2.2724	-0.593	0.038
125	0.53509	LIVE	-2.2724	-0.593	0.038
125	1.07018	LIVE	-2.2724	-0.593	0.038
125	0.	WB	-0.8706	0.1066	0.0866
125	0.53509	WB	-0.8706	0.1054	0.0866
125	1.07018	WB	-0.8706	0.1042	0.0866
125	0.	WS	-0.3849	0.1605	0.1621
125	0.53509	WS	-0.3849	0.1593	0.1621
125	1.07018	WS	-0.3849	0.1581	0.1621
126	0.	DEAD	-8.0508	-0.9192	0.1045
126	0.53509	DEAD	-8.0467	-0.9033	0.1045
126	1.07018	DEAD	-8.0426	-0.8875	0.1045
126	0.	LIVE	-2.1929	-0.2725	0.037
126	0.53509	LIVE	-2.1929	-0.2725	0.037
126	1.07018	LIVE	-2.1929	-0.2725	0.037
126	0.	WB	-0.7801	0.0969	0.0839
126	0.53509	WB	-0.7801	0.0957	0.0839
126	1.07018	WB	-0.7801	0.0945	0.0839
126	0.	WS	-0.0398	0.0888	0.1986
126	0.53509	WS	-0.0398	0.0876	0.1986
126	1.07018	WS	-0.0398	0.0864	0.1986
127	0.	DEAD	-7.8174	0.0258	0.2017
127	0.53509	DEAD	-7.8133	0.0417	0.2017
127	1.07018	DEAD	-7.8092	0.0575	0.2017
127	0.	LIVE	-2.1205	0.0203	0.0759
127	0.53509	LIVE	-2.1205	0.0203	0.0759
127	1.07018	LIVE	-2.1205	0.0203	0.0759
127	0.	WB	-0.6933	0.0714	0.1322
127	0.53509	WB	-0.6933	0.0702	0.1322
127	1.07018	WB	-0.6933	0.069	0.1322
127	0.	WS	0.2772	-0.0018	0.2999
127	0.53509	WS	0.2772	-0.003	0.2999
127	1.07018	WS	0.2772	-0.0042	0.2999
128	0.	DEAD	-7.9721	-1.8817	-0.1358

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
128	1.07018	DEAD	-7.9639	-1.85	-0.1358
128	1.07018	DEAD	-7.7291	-0.8636	-0.1041
128	1.60527	DEAD	-7.725	-0.8478	-0.1041
128	2.14036	DEAD	-7.7209	-0.8319	-0.1041
128	2.14036	DEAD	-7.503	0.0635	-0.1313
128	3.21055	DEAD	-7.4948	0.0952	-0.1313
128	0.	LIVE	-2.3026	-0.5714	-0.0404
128	1.07018	LIVE	-2.3026	-0.5714	-0.0404
128	1.07018	LIVE	-2.2258	-0.2554	-0.0325
128	1.60527	LIVE	-2.2258	-0.2554	-0.0325
128	2.14036	LIVE	-2.2258	-0.2554	-0.0325
128	2.14036	LIVE	-2.1555	0.0329	-0.0422
128	3.21055	LIVE	-2.1555	0.0329	-0.0422
128	0.	WB	-0.808	0.1044	-0.0785
128	1.07018	WB	-0.808	0.102	-0.0785
128	1.07018	WB	-0.6998	0.0878	-0.0776
128	1.60527	WB	-0.6998	0.0865	-0.0776
128	2.14036	WB	-0.6998	0.0853	-0.0776
128	2.14036	WB	-0.6016	0.0543	-0.1658
128	3.21055	WB	-0.6016	0.0519	-0.1658
128	0.	WS	-0.3198	0.1572	-0.1477
128	1.07018	WS	-0.3198	0.1548	-0.1477
128	1.07018	WS	0.0418	0.0783	-0.188
128	1.60527	WS	0.0418	0.077	-0.188
128	2.14036	WS	0.0418	0.0758	-0.188
128	2.14036	WS	0.37	-0.0213	-0.3404
128	3.21055	WS	0.37	-0.0238	-0.3404
131	0.	DEAD	-7.9534	-0.1088	0.1011
131	0.92827	DEAD	-7.9616	-0.0816	0.1011
131	0.92827	DEAD	-8.2229	0.8441	0.0819
131	1.39974	DEAD	-8.2271	0.8579	0.0819
131	1.85653	DEAD	-8.2311	0.8713	0.0819
131	1.85653	DEAD	-8.5229	1.8817	0.1507
131	2.79948	DEAD	-8.5312	1.9094	0.1507
131	0.	LIVE	-2.293	-0.0355	0.0334
131	0.92827	LIVE	-2.293	-0.0355	0.0334
131	0.92827	LIVE	-2.3772	0.2618	0.0246
131	1.39974	LIVE	-2.3772	0.2618	0.0246
131	1.85653	LIVE	-2.3772	0.2618	0.0246
131	1.85653	LIVE	-2.4708	0.5855	0.0448
131	2.79948	LIVE	-2.4708	0.5855	0.0448
131	0.	WB	-0.8427	0.0079	-0.1722
131	0.92827	WB	-0.8427	0.0107	-0.1722
131	0.92827	WB	-0.8095	0.2856	-0.0936
131	1.39974	WB	-0.8095	0.287	-0.0936
131	1.85653	WB	-0.8095	0.2884	-0.0936
131	1.85653	WB	-0.7618	0.5813	0.0153
131	2.79948	WB	-0.7618	0.5842	0.0153
131	0.	WS	0.0899	0.0244	-0.3217
131	0.92827	WS	0.0899	0.0272	-0.3217
131	0.92827	WS	0.1832	0.0678	-0.1702
131	1.39974	WS	0.1832	0.0693	-0.1702
131	1.85653	WS	0.1832	0.0706	-0.1702
131	1.85653	WS	0.3045	0.1087	-0.0133

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
131	2.79948	WS	0.3045	0.1115	-0.0133
140	0.	DEAD	-8.2597	-0.1154	-0.1355
140	0.46413	DEAD	-8.2638	-0.1018	-0.1355
140	0.92827	DEAD	-8.2679	-0.0882	-0.1355
140	0.	LIVE	-2.2494	-0.0561	-0.0586
140	0.46413	LIVE	-2.2494	-0.0561	-0.0586
140	0.92827	LIVE	-2.2494	-0.0561	-0.0586
140	0.	WB	-0.8416	0.0306	0.1259
140	0.46413	WB	-0.8416	0.032	0.1259
140	0.92827	WB	-0.8416	0.0334	0.1259
140	0.	WS	0.0973	0.0512	0.2643
140	0.46413	WS	0.0973	0.0526	0.2643
140	0.92827	WS	0.0973	0.054	0.2643
141	0.	DEAD	-8.5291	0.8419	-0.0782
141	0.46413	DEAD	-8.5332	0.8555	-0.0782
141	0.92827	DEAD	-8.5373	0.8691	-0.0782
141	0.	LIVE	-2.3325	0.2418	-0.0316
141	0.46413	LIVE	-2.3325	0.2418	-0.0316
141	0.92827	LIVE	-2.3325	0.2418	-0.0316
141	0.	WB	-0.8165	0.3042	0.0945
141	0.46413	WB	-0.8165	0.3056	0.0945
141	0.92827	WB	-0.8165	0.307	0.0945
141	0.	WS	0.1834	0.0881	0.1728
141	0.46413	WS	0.1834	0.0895	0.1728
141	0.92827	WS	0.1834	0.0909	0.1728
157	0.	DEAD	-4.3976	-0.3756	0.1025
157	1.2612	DEAD	-4.385	-0.3391	0.1025
157	1.2612	DEAD	-4.1249	0.2461	-0.0668
157	2.52241	DEAD	-4.1124	0.2826	-0.0668
157	0.	LIVE	-1.1919	-0.0979	0.0384
157	1.2612	LIVE	-1.1919	-0.0979	0.0384
157	1.2612	LIVE	-1.086	0.0833	-0.0067
157	2.52241	LIVE	-1.086	0.0833	-0.0067
157	0.	WB	-0.8958	0.0597	-0.0264
157	1.2612	WB	-0.8958	0.0495	3.739E-04
157	1.2612	WB	-0.9988	0.117	0.0246
157	2.52241	WB	-0.9988	0.1068	0.0513
157	0.	WS	-1.2577	0.0321	0.0149
157	1.2612	WS	-1.2577	0.022	0.0416
157	1.2612	WS	-1.3374	0.0975	0.0967
157	2.52241	WS	-1.3374	0.0874	0.1234
172	0.	DEAD	-3.3672	-0.3621	0.1137
172	1.28706	DEAD	-3.3798	-0.3248	0.1137
172	1.28706	DEAD	-3.6129	0.2567	-0.0531
172	2.57412	DEAD	-3.6255	0.294	-0.0531
172	0.	LIVE	-0.8436	-0.1273	0.0265
172	1.28706	LIVE	-0.8436	-0.1273	0.0265
172	1.28706	LIVE	-0.938	0.0575	-0.0196
172	2.57412	LIVE	-0.938	0.0575	-0.0196
172	0.	WB	0.35	0.05	0.0483
172	1.28706	WB	0.35	0.0602	0.0221
172	1.28706	WB	0.263	0.076	5.712E-04
172	2.57412	WB	0.263	0.0861	-0.0256
172	0.	WS	1.1127	0.0643	0.0713

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
172	1.28706	WS	1.1127	0.0745	0.0451
172	1.28706	WS	1.0889	0.0208	0.0361
172	2.57412	WS	1.0889	0.0309	0.0099
180	0.	DEAD	-0.0282	0.0537	0.0019
180	0.4389	DEAD	-0.0345	0.0656	0.0019
180	0.8778	DEAD	-0.0407	0.0775	0.0019
180	0.	LIVE	2.604E-04	1.373E-04	0.0048
180	0.4389	LIVE	2.604E-04	1.373E-04	0.0048
180	0.8778	LIVE	2.604E-04	1.373E-04	0.0048
180	0.	WB	9.243E-04	4.874E-04	0.0171
180	0.4389	WB	9.243E-04	2.078E-05	7.287E-04
180	0.8778	WB	9.243E-04	-4.459E-04	-0.0156
180	0.	WS	0.0015	7.743E-04	0.0272
180	0.4389	WS	0.0015	3.076E-04	0.0108
180	0.8778	WS	0.0015	-1.590E-04	-0.0056
181	0.	DEAD	-0.3927	0.6819	0.0155
181	0.4389	DEAD	-0.3989	0.6938	0.0155
181	0.8778	DEAD	-0.4052	0.7056	0.0155
181	0.	LIVE	-0.1103	0.1913	0.0142
181	0.4389	LIVE	-0.1103	0.1913	0.0142
181	0.8778	LIVE	-0.1103	0.1913	0.0142
181	0.	WB	-0.0118	-0.0091	-0.25
181	0.4389	WB	-0.0118	-0.0096	-0.2663
181	0.8778	WB	-0.0118	-0.01	-0.2827
181	0.	WS	-0.0129	-0.0103	-0.2913
181	0.4389	WS	-0.0129	-0.0108	-0.3077
181	0.8778	WS	-0.0129	-0.0113	-0.324
182	0.	DEAD	0.0856	-0.3216	-0.0173
182	0.47342	DEAD	0.0856	-0.211	-0.0173
182	0.94684	DEAD	0.0856	-0.1003	-0.0173
182	1.42027	DEAD	0.0856	0.0103	-0.0173
182	1.89369	DEAD	0.0856	0.1209	-0.0173
182	2.36711	DEAD	0.0856	0.2315	-0.0173
182	2.84053	DEAD	0.0856	0.3422	-0.0173
182	0.	LIVE	0.0037	-0.1036	-0.0059
182	0.47342	LIVE	0.0037	-0.0681	-0.0059
182	0.94684	LIVE	0.0037	-0.0326	-0.0059
182	1.42027	LIVE	0.0037	0.0029	-0.0059
182	1.89369	LIVE	0.0037	0.0384	-0.0059
182	2.36711	LIVE	0.0037	0.0739	-0.0059
182	2.84053	LIVE	0.0037	0.1094	-0.0059
182	0.	WB	0.1384	-0.0281	0.0114
182	0.47342	WB	0.1384	-0.0281	0.0114
182	0.94684	WB	0.1384	-0.0281	0.0114
182	1.42027	WB	0.1384	-0.0281	0.0114
182	1.89369	WB	0.1384	-0.0281	0.0114
182	2.36711	WB	0.1384	-0.0281	0.0114
182	2.84053	WB	0.1384	-0.0281	0.0114
182	0.	WS	0.1957	-0.0355	0.0132
182	0.47342	WS	0.1957	-0.0355	0.0132
182	0.94684	WS	0.1957	-0.0355	0.0132
182	1.42027	WS	0.1957	-0.0355	0.0132
182	1.89369	WS	0.1957	-0.0355	0.0132
182	2.36711	WS	0.1957	-0.0355	0.0132

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
182	2.84053	WS	0.1957	-0.0355	0.0132
183	0.	DEAD	0.0974	-0.3566	0.0128
183	0.49515	DEAD	0.0974	-0.2409	0.0128
183	0.9903	DEAD	0.0974	-0.1252	0.0128
183	1.48545	DEAD	0.0974	-0.0095	0.0128
183	1.9806	DEAD	0.0974	0.1062	0.0128
183	2.47575	DEAD	0.0974	0.2219	0.0128
183	2.9709	DEAD	0.0974	0.3376	0.0128
183	0.	LIVE	0.0125	-0.1112	0.0033
183	0.49515	LIVE	0.0125	-0.0741	0.0033
183	0.9903	LIVE	0.0125	-0.0369	0.0033
183	1.48545	LIVE	0.0125	1.881E-04	0.0033
183	1.9806	LIVE	0.0125	0.0373	0.0033
183	2.47575	LIVE	0.0125	0.0745	0.0033
183	2.9709	LIVE	0.0125	0.1116	0.0033
183	0.	WB	-0.0964	-0.0264	0.0124
183	0.49515	WB	-0.0964	-0.0264	0.0124
183	0.9903	WB	-0.0964	-0.0264	0.0124
183	1.48545	WB	-0.0964	-0.0264	0.0124
183	1.9806	WB	-0.0964	-0.0264	0.0124
183	2.47575	WB	-0.0964	-0.0264	0.0124
183	2.9709	WB	-0.0964	-0.0264	0.0124
183	0.	WS	-0.0906	-0.0332	0.0132
183	0.49515	WS	-0.0906	-0.0332	0.0132
183	0.9903	WS	-0.0906	-0.0332	0.0132
183	1.48545	WS	-0.0906	-0.0332	0.0132
183	1.9806	WS	-0.0906	-0.0332	0.0132
183	2.47575	WS	-0.0906	-0.0332	0.0132
183	2.9709	WS	-0.0906	-0.0332	0.0132
186	0.	DEAD	-3.4693	-0.3029	-0.0072
186	1.28706	DEAD	-3.4567	-0.2655	-0.0072
186	1.28706	DEAD	-3.1699	0.2903	-0.0605
186	2.57412	DEAD	-3.1573	0.3276	-0.0605
186	0.	LIVE	-0.9394	-0.0827	-0.0014
186	1.28706	LIVE	-0.9394	-0.0827	-0.0014
186	1.28706	LIVE	-0.8494	0.0969	-0.017
186	2.57412	LIVE	-0.8494	0.0969	-0.017
186	0.	WB	0.325	-0.0918	0.0264
186	1.28706	WB	0.325	-0.0816	1.701E-04
186	1.28706	WB	0.2975	-0.0238	-0.0235
186	2.57412	WB	0.2975	-0.0136	-0.0498
186	0.	WS	1.1398	-0.0412	-0.0086
186	1.28706	WS	1.1398	-0.031	-0.0348
186	1.28706	WS	1.0189	-0.0336	-0.0463
186	2.57412	WS	1.0189	-0.0234	-0.0725
190	0.	DEAD	-3.8263	-0.2547	0.0141
190	1.2612	DEAD	-3.8388	-0.2182	0.0141
190	1.2612	DEAD	-4.1417	0.3495	-0.0466
190	2.52241	DEAD	-4.1542	0.386	-0.0466
190	0.	LIVE	-1.0505	-0.0752	0.0024
190	1.2612	LIVE	-1.0505	-0.0752	0.0024
190	1.2612	LIVE	-1.1469	0.107	-0.0157
190	2.52241	LIVE	-1.1469	0.107	-0.0157
190	0.	WB	-0.8966	-0.0694	-0.0687

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
190	1.2612	WB	-0.8966	-0.0795	-0.0419
190	1.2612	WB	-0.9151	-0.0568	0.0107
190	2.52241	WB	-0.9151	-0.0669	0.0375
190	0.	WS	-1.2177	-0.0422	-0.1349
190	1.2612	WS	-1.2177	-0.0523	-0.1081
190	1.2612	WS	-1.281	-0.0293	-0.0298
190	2.52241	WS	-1.281	-0.0395	-0.0031
196	0.	DEAD	-1.452	0.0448	-0.1768
196	0.49527	DEAD	-1.452	0.06	-0.1768
196	0.99053	DEAD	-1.452	0.0751	-0.1768
196	1.4858	DEAD	-1.452	0.0903	-0.1768
196	1.98106	DEAD	-1.452	0.1055	-0.1768
196	0.	LIVE	-0.3963	0.024	-0.0485
196	0.49527	LIVE	-0.3963	0.024	-0.0485
196	0.99053	LIVE	-0.3963	0.024	-0.0485
196	1.4858	LIVE	-0.3963	0.024	-0.0485
196	1.98106	LIVE	-0.3963	0.024	-0.0485
196	0.	WB	-0.2309	0.0936	-0.1364
196	0.49527	WB	-0.2309	0.0936	-0.1364
196	0.99053	WB	-0.2309	0.0936	-0.1364
196	1.4858	WB	-0.2309	0.0936	-0.1364
196	1.98106	WB	-0.2309	0.0936	-0.1364
196	0.	WS	-0.1087	0.094	-0.1659
196	0.49527	WS	-0.1087	0.094	-0.1659
196	0.99053	WS	-0.1087	0.094	-0.1659
196	1.4858	WS	-0.1087	0.094	-0.1659
196	1.98106	WS	-0.1087	0.094	-0.1659
197	0.	DEAD	-1.4473	-0.1218	0.1764
197	0.49527	DEAD	-1.4473	-0.1066	0.1764
197	0.99053	DEAD	-1.4473	-0.0915	0.1764
197	1.4858	DEAD	-1.4473	-0.0763	0.1764
197	1.98106	DEAD	-1.4473	-0.0612	0.1764
197	0.	LIVE	-0.3958	-0.0288	0.0487
197	0.49527	LIVE	-0.3958	-0.0288	0.0487
197	0.99053	LIVE	-0.3958	-0.0288	0.0487
197	1.4858	LIVE	-0.3958	-0.0288	0.0487
197	1.98106	LIVE	-0.3958	-0.0288	0.0487
197	0.	WB	-0.0195	0.0663	-0.1053
197	0.49527	WB	-0.0195	0.0663	-0.1053
197	0.99053	WB	-0.0195	0.0663	-0.1053
197	1.4858	WB	-0.0195	0.0663	-0.1053
197	1.98106	WB	-0.0195	0.0663	-0.1053
197	0.	WS	0.1322	0.0785	-0.1411
197	0.49527	WS	0.1322	0.0785	-0.1411
197	0.99053	WS	0.1322	0.0785	-0.1411
197	1.4858	WS	0.1322	0.0785	-0.1411
197	1.98106	WS	0.1322	0.0785	-0.1411
199	0.	DEAD	-0.4181	0.0364	-0.0168
199	0.4389	DEAD	-0.4244	0.0483	-0.0168
199	0.8778	DEAD	-0.4306	0.0602	-0.0168
199	0.	LIVE	-0.1105	0.0013	-0.0054
199	0.4389	LIVE	-0.1105	0.0013	-0.0054
199	0.8778	LIVE	-0.1105	0.0013	-0.0054
199	0.	WB	-0.0517	0.0037	0.2091

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
199	0.4389	WB	-0.0517	0.0032	0.2255
199	0.8778	WB	-0.0517	0.0028	0.2418
199	0.	WS	-0.0422	-0.0047	0.239
199	0.4389	WS	-0.0422	-0.0051	0.2553
199	0.8778	WS	-0.0422	-0.0056	0.2717
200	0.	DEAD	-0.7649	0.6836	-0.0143
200	0.4389	DEAD	-0.7712	0.6954	-0.0143
200	0.8778	DEAD	-0.7775	0.7073	-0.0143
200	0.	LIVE	-0.2173	0.2007	-0.0058
200	0.4389	LIVE	-0.2173	0.2007	-0.0058
200	0.8778	LIVE	-0.2173	0.2007	-0.0058
200	0.	WB	-0.0515	5.919E-04	0.2626
200	0.4389	WB	-0.0515	1.253E-04	0.279
200	0.8778	WB	-0.0515	-3.414E-04	0.2954
200	0.	WS	-0.0419	-0.0072	0.3037
200	0.4389	WS	-0.0419	-0.0077	0.3201
200	0.8778	WS	-0.0419	-0.0081	0.3364
201	0.	DEAD	-0.0208	-0.3321	-5.848E-05
201	0.49515	DEAD	-0.0208	-0.2164	-5.848E-05
201	0.9903	DEAD	-0.0208	-0.1007	-5.848E-05
201	1.48545	DEAD	-0.0208	0.015	-5.848E-05
201	1.9806	DEAD	-0.0208	0.1307	-5.848E-05
201	2.47575	DEAD	-0.0208	0.2464	-5.848E-05
201	2.9709	DEAD	-0.0208	0.3621	-5.848E-05
201	0.	LIVE	-0.0061	-0.1071	-1.744E-05
201	0.49515	LIVE	-0.0061	-0.0699	-1.744E-05
201	0.9903	LIVE	-0.0061	-0.0328	-1.744E-05
201	1.48545	LIVE	-0.0061	0.0043	-1.744E-05
201	1.9806	LIVE	-0.0061	0.0415	-1.744E-05
201	2.47575	LIVE	-0.0061	0.0786	-1.744E-05
201	2.9709	LIVE	-0.0061	0.1158	-1.744E-05
201	0.	WB	-0.0022	0.0192	-0.0108
201	0.49515	WB	-0.0022	0.0192	-0.0108
201	0.9903	WB	-0.0022	0.0192	-0.0108
201	1.48545	WB	-0.0022	0.0192	-0.0108
201	1.9806	WB	-0.0022	0.0192	-0.0108
201	2.47575	WB	-0.0022	0.0192	-0.0108
201	2.9709	WB	-0.0022	0.0192	-0.0108
201	0.	WS	0.0283	0.0258	-0.011
201	0.49515	WS	0.0283	0.0258	-0.011
201	0.9903	WS	0.0283	0.0258	-0.011
201	1.48545	WS	0.0283	0.0258	-0.011
201	1.9806	WS	0.0283	0.0258	-0.011
201	2.47575	WS	0.0283	0.0258	-0.011
201	2.9709	WS	0.0283	0.0258	-0.011
202	0.	DEAD	-0.0179	-0.3452	0.0047
202	0.47342	DEAD	-0.0179	-0.2346	0.0047
202	0.94684	DEAD	-0.0179	-0.124	0.0047
202	1.42027	DEAD	-0.0179	-0.0133	0.0047
202	1.89369	DEAD	-0.0179	0.0973	0.0047
202	2.36711	DEAD	-0.0179	0.2079	0.0047
202	2.84053	DEAD	-0.0179	0.3185	0.0047
202	0.	LIVE	-0.0064	-0.1104	0.0015
202	0.47342	LIVE	-0.0064	-0.0749	0.0015

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
202	0.94684	LIVE	-0.0064	-0.0394	0.0015
202	1.42027	LIVE	-0.0064	-0.0039	0.0015
202	1.89369	LIVE	-0.0064	0.0316	0.0015
202	2.36711	LIVE	-0.0064	0.0671	0.0015
202	2.84053	LIVE	-0.0064	0.1027	0.0015
202	0.	WB	0.0186	0.0212	-0.0112
202	0.47342	WB	0.0186	0.0212	-0.0112
202	0.94684	WB	0.0186	0.0212	-0.0112
202	1.42027	WB	0.0186	0.0212	-0.0112
202	1.89369	WB	0.0186	0.0212	-0.0112
202	2.36711	WB	0.0186	0.0212	-0.0112
202	2.84053	WB	0.0186	0.0212	-0.0112
202	0.	WS	0.0603	0.0274	-0.0125
202	0.47342	WS	0.0603	0.0274	-0.0125
202	0.94684	WS	0.0603	0.0274	-0.0125
202	1.42027	WS	0.0603	0.0274	-0.0125
202	1.89369	WS	0.0603	0.0274	-0.0125
202	2.36711	WS	0.0603	0.0274	-0.0125
202	2.84053	WS	0.0603	0.0274	-0.0125
313	0.	DEAD	7.2404	4.8335	0.0488
313	0.45	DEAD	7.2404	4.8608	0.0488
313	0.9	DEAD	7.2404	4.8882	0.0488
313	1.35	DEAD	7.2404	4.9155	0.0488
313	1.35	DEAD	8.4683	-0.3259	0.0023
313	1.8125	DEAD	8.4683	-0.2977	0.0023
313	2.275	DEAD	8.4683	-0.2696	0.0023
313	2.7375	DEAD	8.4683	-0.2415	0.0023
313	3.2	DEAD	8.4683	-0.2134	0.0023
313	3.6625	DEAD	8.4683	-0.1853	0.0023
313	4.125	DEAD	8.4683	-0.1572	0.0023
313	4.5875	DEAD	8.4683	-0.1291	0.0023
313	5.05	DEAD	8.4683	-0.101	0.0023
313	5.05	DEAD	8.4683	-0.101	0.0023
313	5.54509	DEAD	8.4683	-0.0709	0.0023
313	6.04018	DEAD	8.4683	-0.0408	0.0023
313	6.53527	DEAD	8.4683	-0.0107	0.0023
313	7.03036	DEAD	8.4683	0.0194	0.0023
313	7.52545	DEAD	8.4683	0.0495	0.0023
313	8.02054	DEAD	8.4683	0.0796	0.0023
313	8.51564	DEAD	8.4683	0.1097	0.0023
313	9.01073	DEAD	8.4683	0.1398	0.0023
313	9.01073	DEAD	7.6134	-5.3721	-0.1188
313	9.43573	DEAD	7.6134	-5.3462	-0.1188
313	9.86073	DEAD	7.6134	-5.3204	-0.1188
313	0.	LIVE	2.0843	1.4562	0.0186
313	0.45	LIVE	2.0843	1.4562	0.0186
313	0.9	LIVE	2.0843	1.4562	0.0186
313	1.35	LIVE	2.0843	1.4562	0.0186
313	1.35	LIVE	2.4806	-0.0276	5.239E-04
313	1.8125	LIVE	2.4806	-0.0276	5.239E-04
313	2.275	LIVE	2.4806	-0.0276	5.239E-04
313	2.7375	LIVE	2.4806	-0.0276	5.239E-04
313	3.2	LIVE	2.4806	-0.0276	5.239E-04
313	3.6625	LIVE	2.4806	-0.0276	5.239E-04

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
313	4.125	LIVE	2.4806	-0.0276	5.239E-04
313	4.5875	LIVE	2.4806	-0.0276	5.239E-04
313	5.05	LIVE	2.4806	-0.0276	5.239E-04
313	5.05	LIVE	2.4806	-0.0276	5.239E-04
313	5.54509	LIVE	2.4806	-0.0276	5.239E-04
313	6.04018	LIVE	2.4806	-0.0276	5.239E-04
313	6.53527	LIVE	2.4806	-0.0276	5.239E-04
313	7.03036	LIVE	2.4806	-0.0276	5.239E-04
313	7.52545	LIVE	2.4806	-0.0276	5.239E-04
313	8.02054	LIVE	2.4806	-0.0276	5.239E-04
313	8.51564	LIVE	2.4806	-0.0276	5.239E-04
313	9.01073	LIVE	2.4806	-0.0276	5.239E-04
313	9.01073	LIVE	2.1957	-1.6047	-0.0381
313	9.43573	LIVE	2.1957	-1.6047	-0.0381
313	9.86073	LIVE	2.1957	-1.6047	-0.0381
313	0.	WB	0.9345	0.0942	-0.0658
313	0.45	WB	0.9345	0.0942	-0.0658
313	0.9	WB	0.9345	0.0942	-0.0658
313	1.35	WB	0.9345	0.0942	-0.0658
313	1.35	WB	0.7401	-0.1566	-0.0273
313	1.8125	WB	0.7401	-0.1566	-0.0273
313	2.275	WB	0.7401	-0.1566	-0.0273
313	2.7375	WB	0.7401	-0.1566	-0.0273
313	3.2	WB	0.7401	-0.1566	-0.0273
313	3.6625	WB	0.7401	-0.1566	-0.0273
313	4.125	WB	0.7401	-0.1566	-0.0273
313	4.5875	WB	0.7401	-0.1566	-0.0273
313	5.05	WB	0.7401	-0.1566	-0.0273
313	5.05	WB	0.7401	-0.1566	-0.0273
313	5.54509	WB	0.7401	-0.1566	-0.0273
313	6.04018	WB	0.7401	-0.1566	-0.0273
313	6.53527	WB	0.7401	-0.1566	-0.0273
313	7.03036	WB	0.7401	-0.1566	-0.0273
313	7.52545	WB	0.7401	-0.1566	-0.0273
313	8.02054	WB	0.7401	-0.1566	-0.0273
313	8.51564	WB	0.7401	-0.1566	-0.0273
313	9.01073	WB	0.7401	-0.1566	-0.0273
313	9.01073	WB	0.4338	-1.0501	-0.2691
313	9.43573	WB	0.4338	-1.0501	-0.2691
313	9.86073	WB	0.4338	-1.0501	-0.2691
313	0.	WS	0.7419	-0.0789	-0.123
313	0.45	WS	0.7419	-0.0789	-0.123
313	0.9	WS	0.7419	-0.0789	-0.123
313	1.35	WS	0.7419	-0.0789	-0.123
313	1.35	WS	0.1073	-0.2672	-0.0364
313	1.8125	WS	0.1073	-0.2672	-0.0364
313	2.275	WS	0.1073	-0.2672	-0.0364
313	2.7375	WS	0.1073	-0.2672	-0.0364
313	3.2	WS	0.1073	-0.2672	-0.0364
313	3.6625	WS	0.1073	-0.2672	-0.0364
313	4.125	WS	0.1073	-0.2672	-0.0364
313	4.5875	WS	0.1073	-0.2672	-0.0364
313	5.05	WS	0.1073	-0.2672	-0.0364
313	5.05	WS	0.1073	-0.2672	-0.0364

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
313	5.54509	WS	0.1073	-0.2672	-0.0364
313	6.04018	WS	0.1073	-0.2672	-0.0364
313	6.53527	WS	0.1073	-0.2672	-0.0364
313	7.03036	WS	0.1073	-0.2672	-0.0364
313	7.52545	WS	0.1073	-0.2672	-0.0364
313	8.02054	WS	0.1073	-0.2672	-0.0364
313	8.51564	WS	0.1073	-0.2672	-0.0364
313	9.01073	WS	0.1073	-0.2672	-0.0364
313	9.01073	WS	-0.4496	-0.0232	-0.2976
313	9.43573	WS	-0.4496	-0.0232	-0.2976
313	9.86073	WS	-0.4496	-0.0232	-0.2976
348	0.	DEAD	-5.4516	0.0118	0.0298
348	0.54596	DEAD	-5.4455	0.0274	0.0298
348	1.09191	DEAD	-5.4395	0.043	0.0298
348	0.	LIVE	-1.6132	-0.0076	0.0087
348	0.54596	LIVE	-1.6132	-0.0076	0.0087
348	1.09191	LIVE	-1.6132	-0.0076	0.0087
348	0.	WB	-0.6211	0.0177	0.0579
348	0.54596	WB	-0.6211	0.0151	0.0579
348	1.09191	WB	-0.6211	0.0126	0.0579
348	0.	WS	-0.4188	0.0401	0.0902
348	0.54596	WS	-0.4188	0.0375	0.0902
348	1.09191	WS	-0.4188	0.0349	0.0902
349	0.	DEAD	-4.9988	1.2226	-0.1259
349	0.54596	DEAD	-4.9928	1.2382	-0.1259
349	1.09191	DEAD	-4.9867	1.2538	-0.1259
349	0.	LIVE	-1.4716	0.3709	-0.0383
349	0.54596	LIVE	-1.4716	0.3709	-0.0383
349	1.09191	LIVE	-1.4716	0.3709	-0.0383
349	0.	WB	-0.5072	-0.0345	0.0491
349	0.54596	WB	-0.5072	-0.0371	0.0491
349	1.09191	WB	-0.5072	-0.0397	0.0491
349	0.	WS	-0.0112	-0.1295	0.1142
349	0.54596	WS	-0.0112	-0.132	0.1142
349	1.09191	WS	-0.0112	-0.1346	0.1142
350	0.	DEAD	-5.087	-1.1231	0.1508
350	0.54547	DEAD	-5.093	-1.1075	0.1508
350	1.09095	DEAD	-5.0991	-1.0919	0.1508
350	0.	LIVE	-1.5013	-0.3333	0.0465
350	0.54547	LIVE	-1.5013	-0.3333	0.0465
350	1.09095	LIVE	-1.5013	-0.3333	0.0465
350	0.	WB	-0.2455	-0.3294	0.0697
350	0.54547	WB	-0.2455	-0.3268	0.0697
350	1.09095	WB	-0.2455	-0.3243	0.0697
350	0.	WS	0.1522	-0.0887	0.1109
350	0.54547	WS	0.1522	-0.0861	0.1109
350	1.09095	WS	0.1522	-0.0835	0.1109
351	0.	DEAD	-5.5532	0.0907	-0.0395
351	0.54547	DEAD	-5.5592	0.1063	-0.0395
351	1.09095	DEAD	-5.5653	0.1219	-0.0395
351	0.	LIVE	-1.647	0.0464	-0.0109
351	0.54547	LIVE	-1.647	0.0464	-0.0109
351	1.09095	LIVE	-1.647	0.0464	-0.0109
351	0.	WB	-0.2465	0.0251	0.0494

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
351	0.54547	WB	-0.2465	0.0277	0.0494
351	1.09095	WB	-0.2465	0.0303	0.0494
351	0.	WS	0.2615	-0.0383	0.0871
351	0.54547	WS	0.2615	-0.0357	0.0871
351	1.09095	WS	0.2615	-0.0331	0.0871
352	0.	DEAD	-13.3776	-2.7117	-0.0584
352	0.53509	DEAD	-13.3735	-2.6958	-0.0584
352	1.07018	DEAD	-13.3694	-2.68	-0.0584
352	0.	LIVE	-3.9413	-0.8298	-0.0184
352	0.53509	LIVE	-3.9413	-0.8298	-0.0184
352	1.07018	LIVE	-3.9413	-0.8298	-0.0184
352	0.	WB	-1.7522	0.1273	0.0231
352	0.53509	WB	-1.7522	0.126	0.0231
352	1.07018	WB	-1.7522	0.1248	0.0231
352	0.	WS	-1.2462	0.1598	0.0333
352	0.53509	WS	-1.2462	0.1586	0.0333
352	1.07018	WS	-1.2462	0.1573	0.0333
353	0.	DEAD	-13.0622	-1.4567	0.0032
353	0.53509	DEAD	-13.0581	-1.4408	0.0032
353	1.07018	DEAD	-13.054	-1.425	0.0032
353	0.	LIVE	-3.8426	-0.4372	0.004
353	0.53509	LIVE	-3.8426	-0.4372	0.004
353	1.07018	LIVE	-3.8426	-0.4372	0.004
353	0.	WB	-1.6328	0.0906	0.0147
353	0.53509	WB	-1.6328	0.0894	0.0147
353	1.07018	WB	-1.6328	0.0882	0.0147
353	0.	WS	-0.8211	0.0411	0.0283
353	0.53509	WS	-0.8211	0.0399	0.0283
353	1.07018	WS	-0.8211	0.0387	0.0283
354	0.	DEAD	-12.7469	-0.2036	0.0023
354	0.53509	DEAD	-12.7428	-0.1877	0.0023
354	1.07018	DEAD	-12.7387	-0.1718	0.0023
354	0.	LIVE	-3.7441	-0.0452	0.0073
354	0.53509	LIVE	-3.7441	-0.0452	0.0073
354	1.07018	LIVE	-3.7441	-0.0452	0.0073
354	0.	WB	-1.513	0.0547	0.0084
354	0.53509	WB	-1.513	0.0535	0.0084
354	1.07018	WB	-1.513	0.0523	0.0084
354	0.	WS	-0.3958	-0.077	0.0283
354	0.53509	WS	-0.3958	-0.0782	0.0283
354	1.07018	WS	-0.3958	-0.0794	0.0283
355	0.	DEAD	-12.9495	-0.0343	0.0138
355	0.46413	DEAD	-12.9536	-0.0207	0.0138
355	0.92827	DEAD	-12.9576	-0.0071	0.0138
355	0.	LIVE	-3.8078	-0.016	-0.0037
355	0.46413	LIVE	-3.8078	-0.016	-0.0037
355	0.92827	LIVE	-3.8078	-0.016	-0.0037
355	0.	WB	-0.9497	0.0581	0.0225
355	0.46413	WB	-0.9497	0.0595	0.0225
355	0.92827	WB	-0.9497	0.0609	0.0225
355	0.	WS	0.7643	0.0179	0.05
355	0.46413	WS	0.7643	0.0193	0.05
355	0.92827	WS	0.7643	0.0207	0.05
356	0.	DEAD	-13.323	1.2112	0.0062

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
356	0.46413	DEAD	-13.327	1.2248	0.0062
356	0.92827	DEAD	-13.3311	1.2384	0.0062
356	0.	LIVE	-3.9248	0.3746	-0.0027
356	0.46413	LIVE	-3.9248	0.3746	-0.0027
356	0.92827	LIVE	-3.9248	0.3746	-0.0027
356	0.	WB	-0.9235	0.4103	0.0277
356	0.46413	WB	-0.9235	0.4117	0.0277
356	0.92827	WB	-0.9235	0.4131	0.0277
356	0.	WS	0.8781	0.0573	0.0471
356	0.46413	WS	0.8781	0.0587	0.0471
356	0.92827	WS	0.8781	0.0601	0.0471
357	0.	DEAD	-13.6961	2.4537	0.0448
357	0.46413	DEAD	-13.7002	2.4673	0.0448
357	0.92827	DEAD	-13.7043	2.4809	0.0448
357	0.	LIVE	-4.0418	0.7646	0.0141
357	0.46413	LIVE	-4.0418	0.7646	0.0141
357	0.92827	LIVE	-4.0418	0.7646	0.0141
357	0.	WB	-0.8971	0.7625	0.0165
357	0.46413	WB	-0.8971	0.7639	0.0165
357	0.92827	WB	-0.8971	0.7653	0.0165
357	0.	WS	0.9922	0.0972	0.0129
357	0.46413	WS	0.9922	0.0986	0.0129
357	0.92827	WS	0.9922	0.1	0.0129
360	0.	DEAD	-5.6605	-0.0316	-0.0848
360	0.54596	DEAD	-5.6545	-0.016	-0.0848
360	1.09191	DEAD	-5.6484	-4.281E-04	-0.0848
360	0.	LIVE	-1.6795	-0.0199	-0.0246
360	0.54596	LIVE	-1.6795	-0.0199	-0.0246
360	1.09191	LIVE	-1.6795	-0.0199	-0.0246
360	0.	WB	-0.6702	0.0138	-0.066
360	0.54596	WB	-0.6702	0.0112	-0.066
360	1.09191	WB	-0.6702	0.0086	-0.066
360	0.	WS	-0.4842	0.0342	-0.1064
360	0.54596	WS	-0.4842	0.0316	-0.1064
360	1.09191	WS	-0.4842	0.029	-0.1064
361	0.	DEAD	-5.1963	1.1885	0.0449
361	0.54596	DEAD	-5.1903	1.2041	0.0449
361	1.09191	DEAD	-5.1842	1.2197	0.0449
361	0.	LIVE	-1.5343	0.3614	0.0136
361	0.54596	LIVE	-1.5343	0.3614	0.0136
361	1.09191	LIVE	-1.5343	0.3614	0.0136
361	0.	WB	-0.5411	-0.0419	-0.0478
361	0.54596	WB	-0.5411	-0.0445	-0.0478
361	1.09191	WB	-0.5411	-0.047	-0.0478
361	0.	WS	-0.0614	-0.1377	-0.1169
361	0.54596	WS	-0.0614	-0.1403	-0.1169
361	1.09191	WS	-0.0614	-0.1429	-0.1169
362	0.	DEAD	-5.1716	-1.2016	-0.1226
362	0.54547	DEAD	-5.1777	-1.1861	-0.1226
362	1.09095	DEAD	-5.1837	-1.1705	-0.1226
362	0.	LIVE	-1.5298	-0.3573	-0.0365
362	0.54547	LIVE	-1.5298	-0.3573	-0.0365
362	1.09095	LIVE	-1.5298	-0.3573	-0.0365
362	0.	WB	-0.2339	-0.3358	-0.0587

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
362	0.54547	WB	-0.2339	-0.3332	-0.0587
362	1.09095	WB	-0.2339	-0.3307	-0.0587
362	0.	WS	0.1603	-0.0994	-0.0995
362	0.54547	WS	0.1603	-0.0968	-0.0995
362	1.09095	WS	0.1603	-0.0942	-0.0995
363	0.	DEAD	-5.6329	0.0126	0.0296
363	0.54547	DEAD	-5.6389	0.0281	0.0296
363	1.09095	DEAD	-5.645	0.0437	0.0296
363	0.	LIVE	-1.674	0.0222	0.0086
363	0.54547	LIVE	-1.674	0.0222	0.0086
363	1.09095	LIVE	-1.674	0.0222	0.0086
363	0.	WB	-0.2204	0.0235	-0.0539
363	0.54547	WB	-0.2204	0.0261	-0.0539
363	1.09095	WB	-0.2204	0.0287	-0.0539
363	0.	WS	0.2843	-0.042	-0.0951
363	0.54547	WS	0.2843	-0.0394	-0.0951
363	1.09095	WS	0.2843	-0.0368	-0.0951
364	0.	DEAD	-13.0965	-3.1559	0.0356
364	0.53509	DEAD	-13.0884	-3.1245	0.0356
364	1.07018	DEAD	-13.0802	-3.093	0.0356
364	0.	LIVE	-3.8591	-0.955	0.0128
364	0.53509	LIVE	-3.8591	-0.955	0.0128
364	1.07018	LIVE	-3.8591	-0.955	0.0128
364	0.	WB	-1.9114	0.1246	-0.0279
364	0.53509	WB	-1.9114	0.123	-0.0279
364	1.07018	WB	-1.9114	0.1215	-0.0279
364	0.	WS	-1.4427	0.1484	-0.0427
364	0.53509	WS	-1.4427	0.1469	-0.0427
364	1.07018	WS	-1.4427	0.1453	-0.0427
365	0.	DEAD	-12.7639	-1.8551	-0.0145
365	0.53509	DEAD	-12.7597	-1.8392	-0.0145
365	1.07018	DEAD	-12.7556	-1.8234	-0.0145
365	0.	LIVE	-3.7576	-0.5579	-0.0024
365	0.53509	LIVE	-3.7576	-0.5579	-0.0024
365	1.07018	LIVE	-3.7576	-0.5579	-0.0024
365	0.	WB	-1.7766	0.085	-0.0307
365	0.53509	WB	-1.7766	0.0838	-0.0307
365	1.07018	WB	-1.7766	0.0826	-0.0307
365	0.	WS	-1.0024	0.0277	-0.0521
365	0.53509	WS	-1.0024	0.0265	-0.0521
365	1.07018	WS	-1.0024	0.0253	-0.0521
366	0.	DEAD	-12.4385	-0.5779	-0.0184
366	0.53509	DEAD	-12.4344	-0.562	-0.0184
366	1.07018	DEAD	-12.4303	-0.5462	-0.0184
366	0.	LIVE	-3.6559	-0.1586	-0.004
366	0.53509	LIVE	-3.6559	-0.1586	-0.004
366	1.07018	LIVE	-3.6559	-0.1586	-0.004
366	0.	WB	-1.6414	0.0479	-0.0472
366	0.53509	WB	-1.6414	0.0466	-0.0472
366	1.07018	WB	-1.6414	0.0454	-0.0472
366	0.	WS	-0.5618	-0.0903	-0.0831
366	0.53509	WS	-0.5618	-0.0916	-0.0831
366	1.07018	WS	-0.5618	-0.0928	-0.0831
367	0.	DEAD	-12.41	0.0376	-0.0444

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
367	0.46413	DEAD	-12.4141	0.0512	-0.0444
367	0.92827	DEAD	-12.4182	0.0648	-0.0444
367	0.	LIVE	-3.6483	0.0064	-0.0157
367	0.46413	LIVE	-3.6483	0.0064	-0.0157
367	0.92827	LIVE	-3.6483	0.0064	-0.0157
367	0.	WB	-0.9295	0.0504	-0.06
367	0.46413	WB	-0.9295	0.0518	-0.06
367	0.92827	WB	-0.9295	0.0532	-0.06
367	0.	WS	0.7775	0.0091	-0.1021
367	0.46413	WS	0.7775	0.0105	-0.1021
367	0.92827	WS	0.7775	0.0119	-0.1021
368	0.	DEAD	-12.778	1.2759	-0.012
368	0.46413	DEAD	-12.7821	1.2895	-0.012
368	0.92827	DEAD	-12.7862	1.3031	-0.012
368	0.	LIVE	-3.7637	0.395	-0.0064
368	0.46413	LIVE	-3.7637	0.395	-0.0064
368	0.92827	LIVE	-3.7637	0.395	-0.0064
368	0.	WB	-0.8886	0.4055	-0.0352
368	0.46413	WB	-0.8886	0.4069	-0.0352
368	0.92827	WB	-0.8886	0.4083	-0.0352
368	0.	WS	0.9065	0.0536	-0.0615
368	0.46413	WS	0.9065	0.055	-0.0615
368	0.92827	WS	0.9065	0.0564	-0.0615
369	0.	DEAD	-13.1456	2.5124	-0.0333
369	0.46413	DEAD	-13.1497	2.526	-0.0333
369	0.92827	DEAD	-13.1538	2.5396	-0.0333
369	0.	LIVE	-3.879	0.7831	-0.0121
369	0.46413	LIVE	-3.879	0.7831	-0.0121
369	0.92827	LIVE	-3.879	0.7831	-0.0121
369	0.	WB	-0.8472	0.7612	-0.0198
369	0.46413	WB	-0.8472	0.7626	-0.0198
369	0.92827	WB	-0.8472	0.764	-0.0198
369	0.	WS	1.036	0.0993	-0.0199
369	0.46413	WS	1.036	0.1007	-0.0199
369	0.92827	WS	1.036	0.1021	-0.0199
406	0.	DEAD	0.18	-0.4037	-0.0086
406	0.44375	DEAD	0.18	-0.3	-0.0086
406	0.8875	DEAD	0.18	-0.1963	-0.0086
406	1.33125	DEAD	0.18	-0.0926	-0.0086
406	1.775	DEAD	0.18	0.011	-0.0086
406	2.21875	DEAD	0.18	0.1147	-0.0086
406	2.6625	DEAD	0.18	0.2184	-0.0086
406	3.10625	DEAD	0.18	0.3221	-0.0086
406	3.55	DEAD	0.18	0.4258	-0.0086
406	0.	LIVE	0.0476	-0.1307	-0.0025
406	0.44375	LIVE	0.0476	-0.0974	-0.0025
406	0.8875	LIVE	0.0476	-0.0641	-0.0025
406	1.33125	LIVE	0.0476	-0.0308	-0.0025
406	1.775	LIVE	0.0476	0.0025	-0.0025
406	2.21875	LIVE	0.0476	0.0357	-0.0025
406	2.6625	LIVE	0.0476	0.069	-0.0025
406	3.10625	LIVE	0.0476	0.1023	-0.0025
406	3.55	LIVE	0.0476	0.1356	-0.0025
406	0.	WB	0.0851	0.0117	0.0441

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
406	0.44375	WB	0.0851	0.0117	0.0312
406	0.8875	WB	0.0851	0.0117	0.0183
406	1.33125	WB	0.0851	0.0117	0.0054
406	1.775	WB	0.0851	0.0117	-0.0076
406	2.21875	WB	0.0851	0.0117	-0.0205
406	2.6625	WB	0.0851	0.0117	-0.0334
406	3.10625	WB	0.0851	0.0117	-0.0463
406	3.55	WB	0.0851	0.0117	-0.0592
406	0.	WS	0.1427	0.014	0.1479
406	0.44375	WS	0.1427	0.014	0.1083
406	0.8875	WS	0.1427	0.014	0.0688
406	1.33125	WS	0.1427	0.014	0.0292
406	1.775	WS	0.1427	0.014	-0.0103
406	2.21875	WS	0.1427	0.014	-0.0499
406	2.6625	WS	0.1427	0.014	-0.0894
406	3.10625	WS	0.1427	0.014	-0.129
406	3.55	WS	0.1427	0.014	-0.1685
407	0.	DEAD	0.118	-0.4161	-0.017
407	1.78697	DEAD	0.0867	2.986E-04	-0.017
407	3.57394	DEAD	0.0553	0.4167	-0.017
407	0.	LIVE	0.0142	-0.1343	-0.0053
407	1.78697	LIVE	0.0041	-6.547E-04	-0.0053
407	3.57394	LIVE	-0.0059	0.133	-0.0053
407	0.	WB	0.2168	0.0032	0.0436
407	1.78697	WB	0.2168	0.0035	-0.0083
407	3.57394	WB	0.2168	0.0038	-0.0601
407	0.	WS	0.278	0.0064	0.1468
407	1.78697	WS	0.2874	0.0075	-0.0115
407	3.57394	WS	0.2967	0.0085	-0.1698
408	0.	DEAD	-0.1654	-0.3421	-0.0303
408	1.39202	DEAD	-0.1803	-0.0172	-0.0303
408	2.78404	DEAD	-0.1951	0.3078	-0.0303
408	0.	LIVE	-0.0615	-0.1097	-0.0102
408	1.39202	LIVE	-0.0662	-0.0054	-0.0102
408	2.78404	LIVE	-0.071	0.0989	-0.0102
408	0.	WB	0.1111	0.0071	0.0247
408	1.39202	WB	0.1111	0.0072	-0.0158
408	2.78404	WB	0.1111	0.0073	-0.0562
408	0.	WS	0.1184	0.0153	0.1001
408	1.39202	WS	0.124	0.0156	-0.0235
408	2.78404	WS	0.1295	0.016	-0.1471
409	0.	DEAD	-0.2213	-0.1979	-0.1366
409	0.50005	DEAD	-0.2209	-0.0811	-0.1366
409	1.0001	DEAD	-0.2205	0.0357	-0.1366
409	1.50015	DEAD	-0.2201	0.1526	-0.1366
409	2.00021	DEAD	-0.2197	0.2694	-0.1366
409	0.	LIVE	-0.0676	-0.0658	-0.0412
409	0.50005	LIVE	-0.0674	-0.0283	-0.0412
409	1.0001	LIVE	-0.0673	0.0092	-0.0412
409	1.50015	LIVE	-0.0672	0.0467	-0.0412
409	2.00021	LIVE	-0.067	0.0842	-0.0412
409	0.	WB	-0.0683	0.0284	-0.0316
409	0.50005	WB	-0.0683	0.0284	-0.0461
409	1.0001	WB	-0.0683	0.0284	-0.0607

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
409	1.50015	WB	-0.0683	0.0284	-0.0752
409	2.00021	WB	-0.0683	0.0284	-0.0898
409	0.	WS	-0.078	0.0457	0.0014
409	0.50005	WS	-0.0776	0.0457	-0.0432
409	1.0001	WS	-0.0772	0.0457	-0.0878
409	1.50015	WS	-0.0767	0.0457	-0.1323
409	2.00021	WS	-0.0763	0.0457	-0.1769
410	0.	DEAD	-0.1859	-0.2315	0.0762
410	0.50005	DEAD	-0.1855	-0.1146	0.0762
410	1.0001	DEAD	-0.1851	0.0022	0.0762
410	1.50014	DEAD	-0.1847	0.1191	0.0762
410	2.00019	DEAD	-0.1843	0.2359	0.0762
410	0.	LIVE	-0.0518	1.716E-04	0.0228
410	0.50005	LIVE	-0.0518	1.716E-04	0.0228
410	1.0001	LIVE	-0.0518	1.716E-04	0.0228
410	1.50014	LIVE	-0.0518	1.716E-04	0.0228
410	2.00019	LIVE	-0.0518	1.716E-04	0.0228
410	0.	WB	0.0503	-0.0872	-0.0104
410	0.50005	WB	0.0504	-0.0572	-0.0249
410	1.0001	WB	0.0505	-0.0271	-0.0395
410	1.50014	WB	0.0506	0.0029	-0.054
410	2.00019	WB	0.0507	0.0329	-0.0686
410	0.	WS	0.0918	-0.0351	-0.0592
410	0.50005	WS	0.0918	-0.0351	-0.0738
410	1.0001	WS	0.0918	-0.0351	-0.0883
410	1.50014	WS	0.0918	-0.0351	-0.1029
410	2.00019	WS	0.0918	-0.0351	-0.1175
411	0.	DEAD	-0.1476	-0.3685	0.0193
411	1.38899	DEAD	-0.1626	-0.0443	0.0193
411	2.77799	DEAD	-0.1777	0.2799	0.0193
411	0.	LIVE	-0.053	-0.1173	0.007
411	1.38899	LIVE	-0.0578	-0.0132	0.007
411	2.77799	LIVE	-0.0626	0.0908	0.007
411	0.	WB	-0.0736	-0.101	0.0306
411	1.38899	WB	-0.0774	-0.0178	-0.0099
411	2.77799	WB	-0.0813	0.0653	-0.0503
411	0.	WS	-0.0448	-0.0122	0.0153
411	1.38899	WS	-0.0448	-0.0122	-0.0252
411	2.77799	WS	-0.0448	-0.0122	-0.0656
413	0.	DEAD	0.1824	-0.426	-0.0084
413	0.44375	DEAD	0.1824	-0.3223	-0.0084
413	0.8875	DEAD	0.1824	-0.2186	-0.0084
413	1.33125	DEAD	0.1824	-0.115	-0.0084
413	1.775	DEAD	0.1824	-0.0113	-0.0084
413	2.21875	DEAD	0.1824	0.0924	-0.0084
413	2.6625	DEAD	0.1824	0.1961	-0.0084
413	3.10625	DEAD	0.1824	0.2998	-0.0084
413	3.55	DEAD	0.1824	0.4035	-0.0084
413	0.	LIVE	0.0492	-0.1368	-0.0024
413	0.44375	LIVE	0.0492	-0.1035	-0.0024
413	0.8875	LIVE	0.0492	-0.0703	-0.0024
413	1.33125	LIVE	0.0492	-0.037	-0.0024
413	1.775	LIVE	0.0492	-0.0037	-0.0024
413	2.21875	LIVE	0.0492	0.0296	-0.0024

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
413	2.6625	LIVE	0.0492	0.0629	-0.0024
413	3.10625	LIVE	0.0492	0.0961	-0.0024
413	3.55	LIVE	0.0492	0.1294	-0.0024
413	0.	WB	-0.0429	-0.1178	-0.048
413	0.44375	WB	-0.0429	-0.0912	-0.0351
413	0.8875	WB	-0.0429	-0.0645	-0.0222
413	1.33125	WB	-0.0429	-0.0379	-0.0092
413	1.775	WB	-0.0429	-0.0113	0.0037
413	2.21875	WB	-0.0429	0.0153	0.0166
413	2.6625	WB	-0.0429	0.042	0.0295
413	3.10625	WB	-0.0429	0.0686	0.0424
413	3.55	WB	-0.0429	0.0952	0.0554
413	0.	WS	-0.0938	-0.0097	-0.0419
413	0.44375	WS	-0.0938	-0.0097	-0.029
413	0.8875	WS	-0.0938	-0.0097	-0.0161
413	1.33125	WS	-0.0938	-0.0097	-0.0032
413	1.775	WS	-0.0938	-0.0097	0.0098
413	2.21875	WS	-0.0938	-0.0097	0.0227
413	2.6625	WS	-0.0938	-0.0097	0.0356
413	3.10625	WS	-0.0938	-0.0097	0.0485
413	3.55	WS	-0.0938	-0.0097	0.0614
415	0.	DEAD	-0.0848	-0.3673	-0.0188
415	1.38899	DEAD	-0.0998	-0.0431	-0.0188
415	2.77799	DEAD	-0.1149	0.2811	-0.0188
415	0.	LIVE	-0.0245	-0.1178	-0.0057
415	1.38899	LIVE	-0.0294	-0.0138	-0.0057
415	2.77799	LIVE	-0.0342	0.0903	-0.0057
415	0.	WB	0.0038	-0.101	-0.0293
415	1.38899	WB	-3.958E-05	-0.0179	0.0111
415	2.77799	WB	-0.0039	0.0653	0.0515
415	0.	WS	0.053	-0.0126	-0.014
415	1.38899	WS	0.053	-0.0126	0.0265
415	2.77799	WS	0.053	-0.0126	0.0669
416	0.	DEAD	-0.2403	-0.2262	-0.0736
416	0.50005	DEAD	-0.2399	-0.1093	-0.0736
416	1.0001	DEAD	-0.2395	0.0075	-0.0736
416	1.50014	DEAD	-0.2391	0.1244	-0.0736
416	2.00019	DEAD	-0.2387	0.2412	-0.0736
416	0.	LIVE	-0.0663	-0.0743	-0.0219
416	0.50005	LIVE	-0.0662	-0.0368	-0.0219
416	1.0001	LIVE	-0.0661	7.500E-04	-0.0219
416	1.50014	LIVE	-0.066	0.0383	-0.0219
416	2.00019	LIVE	-0.0658	0.0758	-0.0219
416	0.	WB	-0.0055	-0.0793	0.0076
416	0.50005	WB	-0.0054	-0.0493	0.0222
416	1.0001	WB	-0.0053	-0.0193	0.0368
416	1.50014	WB	-0.0052	0.0107	0.0513
416	2.00019	WB	-0.0051	0.0407	0.0659
416	0.	WS	0.022	-0.0262	0.0541
416	0.50005	WS	0.022	-0.0261	0.0686
416	1.0001	WS	0.022	-0.0261	0.0832
416	1.50014	WS	0.022	-0.0261	0.0978
416	2.00019	WS	0.022	-0.0261	0.1123
421	0.	DEAD	-4.764	-0.0724	-0.0094

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
421	0.45239	DEAD	-4.764	-0.0585	-0.0094
421	0.90478	DEAD	-4.764	-0.0447	-0.0094
421	1.35717	DEAD	-4.764	-0.0308	-0.0094
421	1.80956	DEAD	-4.764	-0.017	-0.0094
421	2.26195	DEAD	-4.764	-0.0031	-0.0094
421	2.71434	DEAD	-4.764	0.0107	-0.0094
421	3.16673	DEAD	-4.764	0.0246	-0.0094
421	3.61912	DEAD	-4.764	0.0384	-0.0094
421	4.07151	DEAD	-4.764	0.0523	-0.0094
421	0.	LIVE	-1.3719	-0.0026	-0.0028
421	0.45239	LIVE	-1.3719	-0.0026	-0.0028
421	0.90478	LIVE	-1.3719	-0.0026	-0.0028
421	1.35717	LIVE	-1.3719	-0.0026	-0.0028
421	1.80956	LIVE	-1.3719	-0.0026	-0.0028
421	2.26195	LIVE	-1.3719	-0.0026	-0.0028
421	2.71434	LIVE	-1.3719	-0.0026	-0.0028
421	3.16673	LIVE	-1.3719	-0.0026	-0.0028
421	3.61912	LIVE	-1.3719	-0.0026	-0.0028
421	4.07151	LIVE	-1.3719	-0.0026	-0.0028
421	0.	WB	-0.5324	0.0844	-0.0666
421	0.45239	WB	-0.5324	0.0844	-0.0666
421	0.90478	WB	-0.5324	0.0844	-0.0666
421	1.35717	WB	-0.5324	0.0844	-0.0666
421	1.80956	WB	-0.5324	0.0844	-0.0666
421	2.26195	WB	-0.5324	0.0844	-0.0666
421	2.71434	WB	-0.5324	0.0844	-0.0666
421	3.16673	WB	-0.5324	0.0844	-0.0666
421	3.61912	WB	-0.5324	0.0844	-0.0666
421	4.07151	WB	-0.5324	0.0844	-0.0666
421	0.	WS	0.3558	0.0585	-0.091
421	0.45239	WS	0.3558	0.0585	-0.091
421	0.90478	WS	0.3558	0.0585	-0.091
421	1.35717	WS	0.3558	0.0585	-0.091
421	1.80956	WS	0.3558	0.0585	-0.091
421	2.26195	WS	0.3558	0.0585	-0.091
421	2.71434	WS	0.3558	0.0585	-0.091
421	3.16673	WS	0.3558	0.0585	-0.091
421	3.61912	WS	0.3558	0.0585	-0.091
421	4.07151	WS	0.3558	0.0585	-0.091
422	0.	DEAD	-6.6563	-0.0858	-0.0041
422	0.45239	DEAD	-6.6563	-0.072	-0.0041
422	0.90478	DEAD	-6.6563	-0.0581	-0.0041
422	1.35717	DEAD	-6.6563	-0.0443	-0.0041
422	1.80956	DEAD	-6.6563	-0.0304	-0.0041
422	2.26195	DEAD	-6.6563	-0.0166	-0.0041
422	2.71434	DEAD	-6.6563	-0.0027	-0.0041
422	3.16673	DEAD	-6.6563	0.0111	-0.0041
422	3.61912	DEAD	-6.6563	0.025	-0.0041
422	4.07151	DEAD	-6.6563	0.0388	-0.0041
422	0.	LIVE	-1.9488	-0.0065	-0.0011
422	0.45239	LIVE	-1.9488	-0.0065	-0.0011
422	0.90478	LIVE	-1.9488	-0.0065	-0.0011
422	1.35717	LIVE	-1.9488	-0.0065	-0.0011
422	1.80956	LIVE	-1.9488	-0.0065	-0.0011

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
422	2.26195	LIVE	-1.9488	-0.0065	-0.0011
422	2.71434	LIVE	-1.9488	-0.0065	-0.0011
422	3.16673	LIVE	-1.9488	-0.0065	-0.0011
422	3.61912	LIVE	-1.9488	-0.0065	-0.0011
422	4.07151	LIVE	-1.9488	-0.0065	-0.0011
422	0.	WB	-0.8283	0.1333	-0.0134
422	0.45239	WB	-0.8283	0.1333	-0.0134
422	0.90478	WB	-0.8283	0.1333	-0.0134
422	1.35717	WB	-0.8283	0.1333	-0.0134
422	1.80956	WB	-0.8283	0.1333	-0.0134
422	2.26195	WB	-0.8283	0.1333	-0.0134
422	2.71434	WB	-0.8283	0.1333	-0.0134
422	3.16673	WB	-0.8283	0.1333	-0.0134
422	3.61912	WB	-0.8283	0.1333	-0.0134
422	4.07151	WB	-0.8283	0.1333	-0.0134
422	0.	WS	0.3811	0.09	-0.0258
422	0.45239	WS	0.3811	0.09	-0.0258
422	0.90478	WS	0.3811	0.09	-0.0258
422	1.35717	WS	0.3811	0.09	-0.0258
422	1.80956	WS	0.3811	0.09	-0.0258
422	2.26195	WS	0.3811	0.09	-0.0258
422	2.71434	WS	0.3811	0.09	-0.0258
422	3.16673	WS	0.3811	0.09	-0.0258
422	3.61912	WS	0.3811	0.09	-0.0258
422	4.07151	WS	0.3811	0.09	-0.0258
423	0.	DEAD	-7.2661	-0.1156	0.0069
423	0.45239	DEAD	-7.2661	-0.1018	0.0069
423	0.90478	DEAD	-7.2661	-0.0879	0.0069
423	1.35717	DEAD	-7.2661	-0.0741	0.0069
423	1.80956	DEAD	-7.2661	-0.0602	0.0069
423	2.26195	DEAD	-7.2661	-0.0464	0.0069
423	2.71434	DEAD	-7.2661	-0.0325	0.0069
423	3.16673	DEAD	-7.2661	-0.0187	0.0069
423	3.61912	DEAD	-7.2661	-0.0048	0.0069
423	4.07151	DEAD	-7.2661	0.009	0.0069
423	0.	LIVE	-2.1323	-0.016	0.0025
423	0.45239	LIVE	-2.1323	-0.016	0.0025
423	0.90478	LIVE	-2.1323	-0.016	0.0025
423	1.35717	LIVE	-2.1323	-0.016	0.0025
423	1.80956	LIVE	-2.1323	-0.016	0.0025
423	2.26195	LIVE	-2.1323	-0.016	0.0025
423	2.71434	LIVE	-2.1323	-0.016	0.0025
423	3.16673	LIVE	-2.1323	-0.016	0.0025
423	3.61912	LIVE	-2.1323	-0.016	0.0025
423	4.07151	LIVE	-2.1323	-0.016	0.0025
423	0.	WB	-0.7867	0.1305	0.0169
423	0.45239	WB	-0.7867	0.1305	0.0169
423	0.90478	WB	-0.7867	0.1305	0.0169
423	1.35717	WB	-0.7867	0.1305	0.0169
423	1.80956	WB	-0.7867	0.1305	0.0169
423	2.26195	WB	-0.7867	0.1305	0.0169
423	2.71434	WB	-0.7867	0.1305	0.0169
423	3.16673	WB	-0.7867	0.1305	0.0169
423	3.61912	WB	-0.7867	0.1305	0.0169

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
423	4.07151	WB	-0.7867	0.1305	0.0169
423	0.	WS	0.4351	0.0856	0.03
423	0.45239	WS	0.4351	0.0856	0.03
423	0.90478	WS	0.4351	0.0856	0.03
423	1.35717	WS	0.4351	0.0856	0.03
423	1.80956	WS	0.4351	0.0856	0.03
423	2.26195	WS	0.4351	0.0856	0.03
423	2.71434	WS	0.4351	0.0856	0.03
423	3.16673	WS	0.4351	0.0856	0.03
423	3.61912	WS	0.4351	0.0856	0.03
423	4.07151	WS	0.4351	0.0856	0.03
424	0.	DEAD	-5.0186	-0.0814	0.0077
424	0.45239	DEAD	-5.0186	-0.0675	0.0077
424	0.90478	DEAD	-5.0186	-0.0537	0.0077
424	1.35717	DEAD	-5.0186	-0.0398	0.0077
424	1.80956	DEAD	-5.0186	-0.026	0.0077
424	2.26195	DEAD	-5.0186	-0.0121	0.0077
424	2.71434	DEAD	-5.0186	0.0017	0.0077
424	3.16673	DEAD	-5.0186	0.0156	0.0077
424	3.61912	DEAD	-5.0186	0.0294	0.0077
424	4.07151	DEAD	-5.0186	0.0433	0.0077
424	0.	LIVE	-1.4013	-0.0129	0.0034
424	0.45239	LIVE	-1.4013	-0.0129	0.0034
424	0.90478	LIVE	-1.4013	-0.0129	0.0034
424	1.35717	LIVE	-1.4013	-0.0129	0.0034
424	1.80956	LIVE	-1.4013	-0.0129	0.0034
424	2.26195	LIVE	-1.4013	-0.0129	0.0034
424	2.71434	LIVE	-1.4013	-0.0129	0.0034
424	3.16673	LIVE	-1.4013	-0.0129	0.0034
424	3.61912	LIVE	-1.4013	-0.0129	0.0034
424	4.07151	LIVE	-1.4013	-0.0129	0.0034
424	0.	WB	-0.5627	0.0948	0.0744
424	0.45239	WB	-0.5627	0.0948	0.0744
424	0.90478	WB	-0.5627	0.0948	0.0744
424	1.35717	WB	-0.5627	0.0948	0.0744
424	1.80956	WB	-0.5627	0.0948	0.0744
424	2.26195	WB	-0.5627	0.0948	0.0744
424	2.71434	WB	-0.5627	0.0948	0.0744
424	3.16673	WB	-0.5627	0.0948	0.0744
424	3.61912	WB	-0.5627	0.0948	0.0744
424	4.07151	WB	-0.5627	0.0948	0.0744
424	0.	WS	0.3308	0.0703	0.1014
424	0.45239	WS	0.3308	0.0703	0.1014
424	0.90478	WS	0.3308	0.0703	0.1014
424	1.35717	WS	0.3308	0.0703	0.1014
424	1.80956	WS	0.3308	0.0703	0.1014
424	2.26195	WS	0.3308	0.0703	0.1014
424	2.71434	WS	0.3308	0.0703	0.1014
424	3.16673	WS	0.3308	0.0703	0.1014
424	3.61912	WS	0.3308	0.0703	0.1014
424	4.07151	WS	0.3308	0.0703	0.1014
425	0.	DEAD	-1.4965	-0.284	0.2786
425	0.50019	DEAD	-1.4973	-0.1562	0.2786
425	1.00038	DEAD	-1.4982	-0.0283	0.2786

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
425	1.50058	DEAD	-1.4991	0.0995	0.2786
425	2.00077	DEAD	-1.4999	0.2274	0.2786
425	0.	LIVE	-0.37	-0.0915	0.0881
425	0.50019	LIVE	-0.3703	-0.054	0.0881
425	1.00038	LIVE	-0.3705	-0.0165	0.0881
425	1.50058	LIVE	-0.3708	0.021	0.0881
425	2.00077	LIVE	-0.371	0.0585	0.0881
425	0.	WB	0.0724	0.0037	-0.2284
425	0.50019	WB	0.0722	0.0338	-0.2102
425	1.00038	WB	0.072	0.0638	-0.192
425	1.50058	WB	0.0718	0.0938	-0.1738
425	2.00077	WB	0.0716	0.1238	-0.1556
425	0.	WS	0.3445	0.115	-0.4321
425	0.50019	WS	0.3445	0.115	-0.4139
425	1.00038	WS	0.3445	0.115	-0.3957
425	1.50058	WS	0.3445	0.115	-0.3776
425	2.00077	WS	0.3445	0.115	-0.3594
426	0.	DEAD	-1.7875	-0.0221	-0.4942
426	0.50021	DEAD	-1.7866	0.1058	-0.4942
426	1.00041	DEAD	-1.7857	0.2336	-0.4942
426	1.50062	DEAD	-1.7848	0.3615	-0.4942
426	2.00082	DEAD	-1.7838	0.4893	-0.4942
426	0.	LIVE	-0.4623	-0.0024	-0.1554
426	0.50021	LIVE	-0.462	0.0351	-0.1554
426	1.00041	LIVE	-0.4618	0.0726	-0.1554
426	1.50062	LIVE	-0.4615	0.1101	-0.1554
426	2.00082	LIVE	-0.4612	0.1476	-0.1554
426	0.	WB	-0.3802	0.0824	-0.2363
426	0.50021	WB	-0.3802	0.0824	-0.2545
426	1.00041	WB	-0.3802	0.0824	-0.2727
426	1.50062	WB	-0.3802	0.0824	-0.2909
426	2.00082	WB	-0.3802	0.0824	-0.3091
426	0.	WS	-0.5207	0.1482	-0.3002
426	0.50021	WS	-0.5199	0.1482	-0.3484
426	1.00041	WS	-0.519	0.1482	-0.3966
426	1.50062	WS	-0.5182	0.1482	-0.4448
426	2.00082	WS	-0.5174	0.1482	-0.493
430	0.	DEAD	-1.5297	-0.2068	-0.206
430	0.50019	DEAD	-1.5288	-0.0789	-0.206
430	1.00038	DEAD	-1.528	0.0489	-0.206
430	1.50058	DEAD	-1.5271	0.1768	-0.206
430	2.00077	DEAD	-1.5262	0.3046	-0.206
430	0.	LIVE	-0.4026	-0.0609	-0.0624
430	0.50019	LIVE	-0.4023	-0.0234	-0.0624
430	1.00038	LIVE	-0.4021	0.0141	-0.0624
430	1.50058	LIVE	-0.4018	0.0516	-0.0624
430	2.00077	LIVE	-0.4016	0.0892	-0.0624
430	0.	WB	-0.0262	-0.1009	0.2125
430	0.50019	WB	-0.0259	-0.0709	0.2307
430	1.00038	WB	-0.0257	-0.0409	0.2489
430	1.50058	WB	-0.0255	-0.0109	0.2671
430	2.00077	WB	-0.0253	0.0191	0.2853
430	0.	WS	0.2159	-0.0885	0.4224
430	0.50019	WS	0.2159	-0.0885	0.4406

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
430	1.00038	WS	0.2159	-0.0885	0.4588
430	1.50058	WS	0.2159	-0.0885	0.477
430	2.00077	WS	0.2159	-0.0885	0.4952
431	0.	DEAD	-1.7933	-0.5116	0.4037
431	0.50021	DEAD	-1.7942	-0.3837	0.4037
431	1.00041	DEAD	-1.7951	-0.2559	0.4037
431	1.50062	DEAD	-1.796	-0.128	0.4037
431	2.00082	DEAD	-1.7969	-1.836E-04	0.4037
431	0.	LIVE	-0.4819	-0.1507	0.1222
431	0.50021	LIVE	-0.4822	-0.1132	0.1222
431	1.00041	LIVE	-0.4825	-0.0757	0.1222
431	1.50062	LIVE	-0.4827	-0.0382	0.1222
431	2.00082	LIVE	-0.483	-6.884E-04	0.1222
431	0.	WB	-0.2859	-0.0669	0.353
431	0.50021	WB	-0.2859	-0.0669	0.3348
431	1.00041	WB	-0.2859	-0.0669	0.3166
431	1.50062	WB	-0.2859	-0.0669	0.2984
431	2.00082	WB	-0.2859	-0.0669	0.2802
431	0.	WS	-0.399	-0.1281	0.5456
431	0.50021	WS	-0.3999	-0.1281	0.4974
431	1.00041	WS	-0.4007	-0.1281	0.4492
431	1.50062	WS	-0.4015	-0.1281	0.401
431	2.00082	WS	-0.4024	-0.1281	0.3528
445	0.	DEAD	0.1631	-0.4369	0.0139
445	1.78037	DEAD	0.1314	-0.0221	0.0139
445	3.56074	DEAD	0.0997	0.3927	0.0139
445	0.	LIVE	0.0294	-0.1408	0.0046
445	1.78037	LIVE	0.0193	-0.0076	0.0046
445	3.56074	LIVE	0.0091	0.1255	0.0046
445	0.	WB	-0.034	-0.1156	0.0482
445	1.78037	WB	-0.0421	-0.0094	-0.0036
445	3.56074	WB	-0.0502	0.0969	-0.0555
445	0.	WS	-0.0365	-0.0061	0.0402
445	1.78037	WS	-0.0365	-0.006	-0.0117
445	3.56074	WS	-0.0365	-0.006	-0.0636
446	0.	DEAD	0.1128	-0.4262	0.009
446	0.44375	DEAD	0.1128	-0.3225	0.009
446	0.8875	DEAD	0.1128	-0.2188	0.009
446	1.33125	DEAD	0.1128	-0.1151	0.009
446	1.775	DEAD	0.1128	-0.0114	0.009
446	2.21875	DEAD	0.1128	0.0923	0.009
446	2.6625	DEAD	0.1128	0.196	0.009
446	3.10625	DEAD	0.1128	0.2996	0.009
446	3.55	DEAD	0.1128	0.4033	0.009
446	0.	LIVE	0.0302	-0.1362	0.0025
446	0.44375	LIVE	0.0302	-0.1029	0.0025
446	0.8875	LIVE	0.0302	-0.0696	0.0025
446	1.33125	LIVE	0.0302	-0.0363	0.0025
446	1.775	LIVE	0.0302	-0.0031	0.0025
446	2.21875	LIVE	0.0302	0.0302	0.0025
446	2.6625	LIVE	0.0302	0.0635	0.0025
446	3.10625	LIVE	0.0302	0.0968	0.0025
446	3.55	LIVE	0.0302	0.1301	0.0025
446	0.	WB	0.0827	-0.0115	0.0591

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
446	0.44375	WB	0.0827	-0.0115	0.0462
446	0.8875	WB	0.0827	-0.0115	0.0332
446	1.33125	WB	0.0827	-0.0115	0.0203
446	1.775	WB	0.0827	-0.0115	0.0074
446	2.21875	WB	0.0827	-0.0115	-0.0055
446	2.6625	WB	0.0827	-0.0115	-0.0184
446	3.10625	WB	0.0827	-0.0115	-0.0314
446	3.55	WB	0.0827	-0.0115	-0.0443
446	0.	WS	0.1407	-0.0137	0.168
446	0.44375	WS	0.1407	-0.0137	0.1285
446	0.8875	WS	0.1407	-0.0137	0.089
446	1.33125	WS	0.1407	-0.0137	0.0494
446	1.775	WS	0.1407	-0.0137	0.0099
446	2.21875	WS	0.1407	-0.0137	-0.0297
446	2.6625	WS	0.1407	-0.0137	-0.0692
446	3.10625	WS	0.1407	-0.0137	-0.1088
446	3.55	WS	0.1407	-0.0137	-0.1483
448	0.	DEAD	-0.1299	-0.3112	0.028
448	1.39202	DEAD	-0.1151	0.0138	0.028
448	2.78404	DEAD	-0.1003	0.3387	0.028
448	0.	LIVE	-0.0402	-0.0993	0.0086
448	1.39202	LIVE	-0.0354	0.005	0.0086
448	2.78404	LIVE	-0.0307	0.1093	0.0086
448	0.	WB	0.0482	-0.0085	0.0574
448	1.39202	WB	0.0482	-0.0084	0.017
448	2.78404	WB	0.0482	-0.0082	-0.0235
448	0.	WS	0.0471	-0.0171	0.1481
448	1.39202	WS	0.0416	-0.0167	0.0245
448	2.78404	WS	0.0361	-0.0163	-0.099
449	0.	DEAD	0.1333	-0.4128	0.0173
449	1.78697	DEAD	0.102	0.0036	0.0173
449	3.57394	DEAD	0.0706	0.42	0.0173
449	0.	LIVE	0.0283	-0.1332	0.0052
449	1.78697	LIVE	0.0183	4.410E-04	0.0052
449	3.57394	LIVE	0.0082	0.1341	0.0052
449	0.	WB	0.203	0.004	-0.0437
449	1.78697	WB	0.203	0.0043	0.0082
449	3.57394	WB	0.203	0.0047	0.06
449	0.	WS	0.2589	0.0073	-0.1472
449	1.78697	WS	0.2683	0.0084	0.0111
449	3.57394	WS	0.2777	0.0094	0.1694
450	0.	DEAD	-0.2723	-0.1966	0.1252
450	0.50005	DEAD	-0.2719	-0.0797	0.1252
450	1.0001	DEAD	-0.2715	0.0371	0.1252
450	1.50015	DEAD	-0.271	0.154	0.1252
450	2.00021	DEAD	-0.2706	0.2708	0.1252
450	0.	LIVE	-0.0758	-0.0655	0.0374
450	0.50005	LIVE	-0.0757	-0.028	0.0374
450	1.0001	LIVE	-0.0756	0.0095	0.0374
450	1.50015	LIVE	-0.0754	0.047	0.0374
450	2.00021	LIVE	-0.0753	0.0845	0.0374
450	0.	WB	-0.0205	0.022	0.0277
450	0.50005	WB	-0.0205	0.022	0.0422
450	1.0001	WB	-0.0205	0.022	0.0568

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
450	1.50015	WB	-0.0205	0.022	0.0713
450	2.00021	WB	-0.0205	0.022	0.0859
450	0.	WS	-0.0126	0.0376	-0.0076
450	0.50005	WS	-0.0122	0.0376	0.0369
450	1.0001	WS	-0.0118	0.0376	0.0815
450	1.50015	WS	-0.0113	0.0376	0.126
450	2.00021	WS	-0.0109	0.0376	0.1706
451	0.	DEAD	-0.8136	-0.3677	0.1573
451	0.5	DEAD	-0.8136	-0.2399	0.1573
451	1.	DEAD	-0.8136	-0.1121	0.1573
451	1.5	DEAD	-0.8136	0.0157	0.1573
451	2.	DEAD	-0.8136	0.1435	0.1573
451	0.	LIVE	-0.2423	-0.1075	0.047
451	0.5	LIVE	-0.2423	-0.07	0.047
451	1.	LIVE	-0.2423	-0.0325	0.047
451	1.5	LIVE	-0.2423	0.005	0.047
451	2.	LIVE	-0.2423	0.0425	0.047
451	0.	WB	-0.0886	-0.0247	0.2507
451	0.5	WB	-0.0886	-0.0247	0.2325
451	1.	WB	-0.0886	-0.0247	0.2143
451	1.5	WB	-0.0886	-0.0247	0.1961
451	2.	WB	-0.0886	-0.0247	0.1779
451	0.	WS	-0.0351	-0.0194	0.4539
451	0.5	WS	-0.0351	-0.0194	0.4357
451	1.	WS	-0.0351	-0.0194	0.4175
451	1.5	WS	-0.0351	-0.0194	0.3993
451	2.	WS	-0.0351	-0.0194	0.3811
459	0.	DEAD	0.1997	-0.6105	0.0034
459	0.48182	DEAD	0.1997	-0.4979	0.0034
459	0.96364	DEAD	0.1997	-0.3853	0.0034
459	1.44545	DEAD	0.1997	-0.2727	0.0034
459	1.92727	DEAD	0.1997	-0.1601	0.0034
459	2.40909	DEAD	0.1997	-0.0475	0.0034
459	2.89091	DEAD	0.1997	0.065	0.0034
459	3.37273	DEAD	0.1997	0.1776	0.0034
459	3.85455	DEAD	0.1997	0.2902	0.0034
459	4.33636	DEAD	0.1997	0.4028	0.0034
459	4.81818	DEAD	0.1997	0.5154	0.0034
459	5.3	DEAD	0.1997	0.628	0.0034
459	0.	LIVE	0.052	-0.1959	9.416E-04
459	0.48182	LIVE	0.052	-0.1598	9.416E-04
459	0.96364	LIVE	0.052	-0.1236	9.416E-04
459	1.44545	LIVE	0.052	-0.0875	9.416E-04
459	1.92727	LIVE	0.052	-0.0514	9.416E-04
459	2.40909	LIVE	0.052	-0.0152	9.416E-04
459	2.89091	LIVE	0.052	0.0209	9.416E-04
459	3.37273	LIVE	0.052	0.057	9.416E-04
459	3.85455	LIVE	0.052	0.0932	9.416E-04
459	4.33636	LIVE	0.052	0.1293	9.416E-04
459	4.81818	LIVE	0.052	0.1655	9.416E-04
459	5.3	LIVE	0.052	0.2016	9.416E-04
459	0.	WB	0.227	-0.0044	0.0819
459	0.48182	WB	0.227	-0.0044	0.0679
459	0.96364	WB	0.227	-0.0044	0.0538

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
459	1.44545	WB	0.227	-0.0044	0.0398
459	1.92727	WB	0.227	-0.0044	0.0258
459	2.40909	WB	0.227	-0.0044	0.0118
459	2.89091	WB	0.227	-0.0044	-0.0023
459	3.37273	WB	0.227	-0.0044	-0.0163
459	3.85455	WB	0.227	-0.0044	-0.0303
459	4.33636	WB	0.227	-0.0044	-0.0444
459	4.81818	WB	0.227	-0.0044	-0.0584
459	5.3	WB	0.227	-0.0044	-0.0724
459	0.	WS	0.4114	-0.0069	0.2445
459	0.48182	WS	0.4114	-0.0069	0.2016
459	0.96364	WS	0.4114	-0.0069	0.1587
459	1.44545	WS	0.4114	-0.0069	0.1157
459	1.92727	WS	0.4114	-0.0069	0.0728
459	2.40909	WS	0.4114	-0.0069	0.0299
459	2.89091	WS	0.4114	-0.0069	-0.0131
459	3.37273	WS	0.4114	-0.0069	-0.056
459	3.85455	WS	0.4114	-0.0069	-0.099
459	4.33636	WS	0.4114	-0.0069	-0.1419
459	4.81818	WS	0.4114	-0.0069	-0.1848
459	5.3	WS	0.4114	-0.0069	-0.2278
460	0.	DEAD	0.0684	-0.5921	0.0064
460	0.48182	DEAD	0.0684	-0.4795	0.0064
460	0.96364	DEAD	0.0684	-0.3669	0.0064
460	1.44545	DEAD	0.0684	-0.2543	0.0064
460	1.92727	DEAD	0.0684	-0.1418	0.0064
460	2.40909	DEAD	0.0684	-0.0292	0.0064
460	2.89091	DEAD	0.0684	0.0834	0.0064
460	3.37273	DEAD	0.0684	0.196	0.0064
460	3.85455	DEAD	0.0684	0.3086	0.0064
460	4.33636	DEAD	0.0684	0.4212	0.0064
460	4.81818	DEAD	0.0684	0.5338	0.0064
460	5.3	DEAD	0.0684	0.6463	0.0064
460	0.	LIVE	0.0099	-0.1902	0.0019
460	0.48182	LIVE	0.0099	-0.1541	0.0019
460	0.96364	LIVE	0.0099	-0.1179	0.0019
460	1.44545	LIVE	0.0099	-0.0818	0.0019
460	1.92727	LIVE	0.0099	-0.0457	0.0019
460	2.40909	LIVE	0.0099	-0.0095	0.0019
460	2.89091	LIVE	0.0099	0.0266	0.0019
460	3.37273	LIVE	0.0099	0.0627	0.0019
460	3.85455	LIVE	0.0099	0.0989	0.0019
460	4.33636	LIVE	0.0099	0.135	0.0019
460	4.81818	LIVE	0.0099	0.1711	0.0019
460	5.3	LIVE	0.0099	0.2073	0.0019
460	0.	WB	0.205	-0.0021	0.0826
460	0.48182	WB	0.205	-0.0021	0.0685
460	0.96364	WB	0.205	-0.0021	0.0545
460	1.44545	WB	0.205	-0.0021	0.0405
460	1.92727	WB	0.205	-0.0021	0.0265
460	2.40909	WB	0.205	-0.0021	0.0124
460	2.89091	WB	0.205	-0.0021	-0.0016
460	3.37273	WB	0.205	-0.0021	-0.0156
460	3.85455	WB	0.205	-0.0021	-0.0297

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
460	4.33636	WB	0.205	-0.0021	-0.0437
460	4.81818	WB	0.205	-0.0021	-0.0577
460	5.3	WB	0.205	-0.0021	-0.0717
460	0.	WS	0.3109	-0.0044	0.2454
460	0.48182	WS	0.3109	-0.0044	0.2025
460	0.96364	WS	0.3109	-0.0044	0.1596
460	1.44545	WS	0.3109	-0.0044	0.1166
460	1.92727	WS	0.3109	-0.0044	0.0737
460	2.40909	WS	0.3109	-0.0044	0.0308
460	2.89091	WS	0.3109	-0.0044	-0.0122
460	3.37273	WS	0.3109	-0.0044	-0.0551
460	3.85455	WS	0.3109	-0.0044	-0.0981
460	4.33636	WS	0.3109	-0.0044	-0.141
460	4.81818	WS	0.3109	-0.0044	-0.1839
460	5.3	WS	0.3109	-0.0044	-0.2269
461	0.	DEAD	-0.0901	-0.5877	0.0068
461	0.48182	DEAD	-0.0901	-0.4751	0.0068
461	0.96364	DEAD	-0.0901	-0.3625	0.0068
461	1.44545	DEAD	-0.0901	-0.25	0.0068
461	1.92727	DEAD	-0.0901	-0.1374	0.0068
461	2.40909	DEAD	-0.0901	-0.0248	0.0068
461	2.89091	DEAD	-0.0901	0.0878	0.0068
461	3.37273	DEAD	-0.0901	0.2004	0.0068
461	3.85455	DEAD	-0.0901	0.313	0.0068
461	4.33636	DEAD	-0.0901	0.4255	0.0068
461	4.81818	DEAD	-0.0901	0.5381	0.0068
461	5.3	DEAD	-0.0901	0.6507	0.0068
461	0.	LIVE	-0.0264	-0.1889	0.002
461	0.48182	LIVE	-0.0264	-0.1528	0.002
461	0.96364	LIVE	-0.0264	-0.1167	0.002
461	1.44545	LIVE	-0.0264	-0.0805	0.002
461	1.92727	LIVE	-0.0264	-0.0444	0.002
461	2.40909	LIVE	-0.0264	-0.0083	0.002
461	2.89091	LIVE	-0.0264	0.0279	0.002
461	3.37273	LIVE	-0.0264	0.064	0.002
461	3.85455	LIVE	-0.0264	0.1002	0.002
461	4.33636	LIVE	-0.0264	0.1363	0.002
461	4.81818	LIVE	-0.0264	0.1724	0.002
461	5.3	LIVE	-0.0264	0.2086	0.002
461	0.	WB	0.1382	-6.724E-04	0.0827
461	0.48182	WB	0.1382	-6.724E-04	0.0686
461	0.96364	WB	0.1382	-6.724E-04	0.0546
461	1.44545	WB	0.1382	-6.724E-04	0.0406
461	1.92727	WB	0.1382	-6.724E-04	0.0266
461	2.40909	WB	0.1382	-6.724E-04	0.0125
461	2.89091	WB	0.1382	-6.724E-04	-0.0015
461	3.37273	WB	0.1382	-6.724E-04	-0.0155
461	3.85455	WB	0.1382	-6.724E-04	-0.0296
461	4.33636	WB	0.1382	-6.724E-04	-0.0436
461	4.81818	WB	0.1382	-6.724E-04	-0.0576
461	5.3	WB	0.1382	-6.724E-04	-0.0717
461	0.	WS	0.1957	-0.0029	0.2457
461	0.48182	WS	0.1957	-0.0029	0.2027
461	0.96364	WS	0.1957	-0.0029	0.1598

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
461	1.44545	WS	0.1957	-0.0029	0.1169
461	1.92727	WS	0.1957	-0.0029	0.0739
461	2.40909	WS	0.1957	-0.0029	0.031
461	2.89091	WS	0.1957	-0.0029	-0.012
461	3.37273	WS	0.1957	-0.0029	-0.0549
461	3.85455	WS	0.1957	-0.0029	-0.0978
461	4.33636	WS	0.1957	-0.0029	-0.1408
461	4.81818	WS	0.1957	-0.0029	-0.1837
461	5.3	WS	0.1957	-0.0029	-0.2267
462	0.	DEAD	-0.2229	-0.5971	0.0102
462	0.48182	DEAD	-0.2229	-0.4845	0.0102
462	0.96364	DEAD	-0.2229	-0.3719	0.0102
462	1.44545	DEAD	-0.2229	-0.2593	0.0102
462	1.92727	DEAD	-0.2229	-0.1468	0.0102
462	2.40909	DEAD	-0.2229	-0.0342	0.0102
462	2.89091	DEAD	-0.2229	0.0784	0.0102
462	3.37273	DEAD	-0.2229	0.191	0.0102
462	3.85455	DEAD	-0.2229	0.3036	0.0102
462	4.33636	DEAD	-0.2229	0.4162	0.0102
462	4.81818	DEAD	-0.2229	0.5288	0.0102
462	5.3	DEAD	-0.2229	0.6413	0.0102
462	0.	LIVE	-0.0583	-0.1919	0.003
462	0.48182	LIVE	-0.0583	-0.1557	0.003
462	0.96364	LIVE	-0.0583	-0.1196	0.003
462	1.44545	LIVE	-0.0583	-0.0835	0.003
462	1.92727	LIVE	-0.0583	-0.0473	0.003
462	2.40909	LIVE	-0.0583	-0.0112	0.003
462	2.89091	LIVE	-0.0583	0.025	0.003
462	3.37273	LIVE	-0.0583	0.0611	0.003
462	3.85455	LIVE	-0.0583	0.0972	0.003
462	4.33636	LIVE	-0.0583	0.1334	0.003
462	4.81818	LIVE	-0.0583	0.1695	0.003
462	5.3	LIVE	-0.0583	0.2056	0.003
462	0.	WB	0.0036	-0.0012	0.083
462	0.48182	WB	0.0036	-0.0012	0.069
462	0.96364	WB	0.0036	-0.0012	0.055
462	1.44545	WB	0.0036	-0.0012	0.041
462	1.92727	WB	0.0036	-0.0012	0.0269
462	2.40909	WB	0.0036	-0.0012	0.0129
462	2.89091	WB	0.0036	-0.0012	-0.0011
462	3.37273	WB	0.0036	-0.0012	-0.0152
462	3.85455	WB	0.0036	-0.0012	-0.0292
462	4.33636	WB	0.0036	-0.0012	-0.0432
462	4.81818	WB	0.0036	-0.0012	-0.0572
462	5.3	WB	0.0036	-0.0012	-0.0713
462	0.	WS	-0.0277	-0.004	0.2461
462	0.48182	WS	-0.0277	-0.004	0.2032
462	0.96364	WS	-0.0277	-0.004	0.1603
462	1.44545	WS	-0.0277	-0.004	0.1173
462	1.92727	WS	-0.0277	-0.004	0.0744
462	2.40909	WS	-0.0277	-0.004	0.0314
462	2.89091	WS	-0.0277	-0.004	-0.0115
462	3.37273	WS	-0.0277	-0.004	-0.0544
462	3.85455	WS	-0.0277	-0.004	-0.0974

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
462	4.33636	WS	-0.0277	-0.004	-0.1403
462	4.81818	WS	-0.0277	-0.004	-0.1833
462	5.3	WS	-0.0277	-0.004	-0.2262
465	0.	DEAD	0.1908	-0.4358	-0.0154
465	1.78037	DEAD	0.1591	-0.021	-0.0154
465	3.56074	DEAD	0.1274	0.3938	-0.0154
465	0.	LIVE	0.0514	-0.1401	-0.0046
465	1.78037	LIVE	0.0412	-0.0069	-0.0046
465	3.56074	LIVE	0.031	0.1262	-0.0046
465	0.	WB	-0.014	-0.1157	-0.0485
465	1.78037	WB	-0.0221	-0.0095	0.0034
465	3.56074	WB	-0.0302	0.0968	0.0552
465	0.	WS	-0.0138	-0.0064	-0.0406
465	1.78037	WS	-0.0138	-0.0063	0.0113
465	3.56074	WS	-0.0138	-0.0063	0.0632
468	0.	DEAD	0.2593	-0.6306	0.0018
468	0.48636	DEAD	0.2593	-0.517	0.0018
468	0.97273	DEAD	0.2593	-0.4033	0.0018
468	1.45909	DEAD	0.2593	-0.2897	0.0018
468	1.94545	DEAD	0.2593	-0.176	0.0018
468	2.43182	DEAD	0.2593	-0.0624	0.0018
468	2.91818	DEAD	0.2593	0.0513	0.0018
468	3.40455	DEAD	0.2593	0.1649	0.0018
468	3.89091	DEAD	0.2593	0.2786	0.0018
468	4.37727	DEAD	0.2593	0.3922	0.0018
468	4.86364	DEAD	0.2593	0.5058	0.0018
468	5.35	DEAD	0.2593	0.6195	0.0018
468	0.	LIVE	0.0685	-0.2023	4.836E-04
468	0.48636	LIVE	0.0685	-0.1658	4.836E-04
468	0.97273	LIVE	0.0685	-0.1294	4.836E-04
468	1.45909	LIVE	0.0685	-0.0929	4.836E-04
468	1.94545	LIVE	0.0685	-0.0564	4.836E-04
468	2.43182	LIVE	0.0685	-0.0199	4.836E-04
468	2.91818	LIVE	0.0685	0.0165	4.836E-04
468	3.40455	LIVE	0.0685	0.053	4.836E-04
468	3.89091	LIVE	0.0685	0.0895	4.836E-04
468	4.37727	LIVE	0.0685	0.126	4.836E-04
468	4.86364	LIVE	0.0685	0.1625	4.836E-04
468	5.35	LIVE	0.0685	0.1989	4.836E-04
468	0.	WB	0.2758	-9.146E-04	0.0794
468	0.48636	WB	0.2758	-9.146E-04	0.0652
468	0.97273	WB	0.2758	-9.146E-04	0.0511
468	1.45909	WB	0.2758	-9.146E-04	0.0369
468	1.94545	WB	0.2758	-9.146E-04	0.0227
468	2.43182	WB	0.2758	-9.146E-04	0.0086
468	2.91818	WB	0.2758	-9.146E-04	-0.0056
468	3.40455	WB	0.2758	-9.146E-04	-0.0197
468	3.89091	WB	0.2758	-9.146E-04	-0.0339
468	4.37727	WB	0.2758	-9.146E-04	-0.0481
468	4.86364	WB	0.2758	-9.146E-04	-0.0622
468	5.35	WB	0.2758	-9.146E-04	-0.0764
468	0.	WS	0.4906	-0.0013	0.2404
468	0.48636	WS	0.4906	-0.0013	0.197
468	0.97273	WS	0.4906	-0.0013	0.1537

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
468	1.45909	WS	0.4906	-0.0013	0.1104
468	1.94545	WS	0.4906	-0.0013	0.067
468	2.43182	WS	0.4906	-0.0013	0.0237
468	2.91818	WS	0.4906	-0.0013	-0.0197
468	3.40455	WS	0.4906	-0.0013	-0.063
468	3.89091	WS	0.4906	-0.0013	-0.1064
468	4.37727	WS	0.4906	-0.0013	-0.1497
468	4.86364	WS	0.4906	-0.0013	-0.193
468	5.35	WS	0.4906	-0.0013	-0.2364
469	0.	DEAD	0.1185	-0.6313	0.0024
469	0.48636	DEAD	0.1185	-0.5177	0.0024
469	0.97273	DEAD	0.1185	-0.404	0.0024
469	1.45909	DEAD	0.1185	-0.2904	0.0024
469	1.94545	DEAD	0.1185	-0.1768	0.0024
469	2.43182	DEAD	0.1185	-0.0631	0.0024
469	2.91818	DEAD	0.1185	0.0505	0.0024
469	3.40455	DEAD	0.1185	0.1642	0.0024
469	3.89091	DEAD	0.1185	0.2778	0.0024
469	4.37727	DEAD	0.1185	0.3915	0.0024
469	4.86364	DEAD	0.1185	0.5051	0.0024
469	5.35	DEAD	0.1185	0.6188	0.0024
469	0.	LIVE	0.025	-0.2025	6.136E-04
469	0.48636	LIVE	0.025	-0.166	6.136E-04
469	0.97273	LIVE	0.025	-0.1296	6.136E-04
469	1.45909	LIVE	0.025	-0.0931	6.136E-04
469	1.94545	LIVE	0.025	-0.0566	6.136E-04
469	2.43182	LIVE	0.025	-0.0201	6.136E-04
469	2.91818	LIVE	0.025	0.0163	6.136E-04
469	3.40455	LIVE	0.025	0.0528	6.136E-04
469	3.89091	LIVE	0.025	0.0893	6.136E-04
469	4.37727	LIVE	0.025	0.1258	6.136E-04
469	4.86364	LIVE	0.025	0.1623	6.136E-04
469	5.35	LIVE	0.025	0.1987	6.136E-04
469	0.	WB	0.2077	-5.684E-04	0.0795
469	0.48636	WB	0.2077	-5.684E-04	0.0654
469	0.97273	WB	0.2077	-5.684E-04	0.0512
469	1.45909	WB	0.2077	-5.684E-04	0.0371
469	1.94545	WB	0.2077	-5.684E-04	0.0229
469	2.43182	WB	0.2077	-5.684E-04	0.0087
469	2.91818	WB	0.2077	-5.684E-04	-0.0054
469	3.40455	WB	0.2077	-5.684E-04	-0.0196
469	3.89091	WB	0.2077	-5.684E-04	-0.0337
469	4.37727	WB	0.2077	-5.684E-04	-0.0479
469	4.86364	WB	0.2077	-5.684E-04	-0.0621
469	5.35	WB	0.2077	-5.684E-04	-0.0762
469	0.	WS	0.3204	-9.041E-04	0.2405
469	0.48636	WS	0.3204	-9.041E-04	0.1972
469	0.97273	WS	0.3204	-9.041E-04	0.1538
469	1.45909	WS	0.3204	-9.041E-04	0.1105
469	1.94545	WS	0.3204	-9.041E-04	0.0672
469	2.43182	WS	0.3204	-9.041E-04	0.0238
469	2.91818	WS	0.3204	-9.041E-04	-0.0195
469	3.40455	WS	0.3204	-9.041E-04	-0.0629
469	3.89091	WS	0.3204	-9.041E-04	-0.1062

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
469	4.37727	WS	0.3204	-9.041E-04	-0.1496
469	4.86364	WS	0.3204	-9.041E-04	-0.1929
469	5.35	WS	0.3204	-9.041E-04	-0.2362
470	0.	DEAD	-0.0862	-0.6345	0.0016
470	0.48636	DEAD	-0.0862	-0.5209	0.0016
470	0.97273	DEAD	-0.0862	-0.4072	0.0016
470	1.45909	DEAD	-0.0862	-0.2936	0.0016
470	1.94545	DEAD	-0.0862	-0.1799	0.0016
470	2.43182	DEAD	-0.0862	-0.0663	0.0016
470	2.91818	DEAD	-0.0862	0.0474	0.0016
470	3.40455	DEAD	-0.0862	0.161	0.0016
470	3.89091	DEAD	-0.0862	0.2747	0.0016
470	4.37727	DEAD	-0.0862	0.3883	0.0016
470	4.86364	DEAD	-0.0862	0.502	0.0016
470	5.35	DEAD	-0.0862	0.6156	0.0016
470	0.	LIVE	-0.0248	-0.2035	3.381E-04
470	0.48636	LIVE	-0.0248	-0.167	3.381E-04
470	0.97273	LIVE	-0.0248	-0.1305	3.381E-04
470	1.45909	LIVE	-0.0248	-0.094	3.381E-04
470	1.94545	LIVE	-0.0248	-0.0576	3.381E-04
470	2.43182	LIVE	-0.0248	-0.0211	3.381E-04
470	2.91818	LIVE	-0.0248	0.0154	3.381E-04
470	3.40455	LIVE	-0.0248	0.0519	3.381E-04
470	3.89091	LIVE	-0.0248	0.0884	3.381E-04
470	4.37727	LIVE	-0.0248	0.1248	3.381E-04
470	4.86364	LIVE	-0.0248	0.1613	3.381E-04
470	5.35	LIVE	-0.0248	0.1978	3.381E-04
470	0.	WB	0.1547	-9.288E-04	0.0796
470	0.48636	WB	0.1547	-9.288E-04	0.0654
470	0.97273	WB	0.1547	-9.288E-04	0.0513
470	1.45909	WB	0.1547	-9.288E-04	0.0371
470	1.94545	WB	0.1547	-9.288E-04	0.023
470	2.43182	WB	0.1547	-9.288E-04	0.0088
470	2.91818	WB	0.1547	-9.288E-04	-0.0054
470	3.40455	WB	0.1547	-9.288E-04	-0.0195
470	3.89091	WB	0.1547	-9.288E-04	-0.0337
470	4.37727	WB	0.1547	-9.288E-04	-0.0478
470	4.86364	WB	0.1547	-9.288E-04	-0.062
470	5.35	WB	0.1547	-9.288E-04	-0.0762
470	0.	WS	0.2267	-0.0014	0.2406
470	0.48636	WS	0.2267	-0.0014	0.1973
470	0.97273	WS	0.2267	-0.0014	0.1539
470	1.45909	WS	0.2267	-0.0014	0.1106
470	1.94545	WS	0.2267	-0.0014	0.0673
470	2.43182	WS	0.2267	-0.0014	0.0239
470	2.91818	WS	0.2267	-0.0014	-0.0194
470	3.40455	WS	0.2267	-0.0014	-0.0628
470	3.89091	WS	0.2267	-0.0014	-0.1061
470	4.37727	WS	0.2267	-0.0014	-0.1495
470	4.86364	WS	0.2267	-0.0014	-0.1928
470	5.35	WS	0.2267	-0.0014	-0.2362
471	0.	DEAD	0.2305	-0.6253	0.0013
471	0.48636	DEAD	0.2305	-0.5116	0.0013
471	0.97273	DEAD	0.2305	-0.398	0.0013

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
471	1.45909	DEAD	0.2305	-0.2843	0.0013
471	1.94545	DEAD	0.2305	-0.1707	0.0013
471	2.43182	DEAD	0.2305	-0.0571	0.0013
471	2.91818	DEAD	0.2305	0.0566	0.0013
471	3.40455	DEAD	0.2305	0.1702	0.0013
471	3.89091	DEAD	0.2305	0.2839	0.0013
471	4.37727	DEAD	0.2305	0.3975	0.0013
471	4.86364	DEAD	0.2305	0.5112	0.0013
471	5.35	DEAD	0.2305	0.6248	0.0013
471	0.	LIVE	0.0596	-0.2006	4.608E-04
471	0.48636	LIVE	0.0596	-0.1642	4.608E-04
471	0.97273	LIVE	0.0596	-0.1277	4.608E-04
471	1.45909	LIVE	0.0596	-0.0912	4.608E-04
471	1.94545	LIVE	0.0596	-0.0547	4.608E-04
471	2.43182	LIVE	0.0596	-0.0183	4.608E-04
471	2.91818	LIVE	0.0596	0.0182	4.608E-04
471	3.40455	LIVE	0.0596	0.0547	4.608E-04
471	3.89091	LIVE	0.0596	0.0912	4.608E-04
471	4.37727	LIVE	0.0596	0.1276	4.608E-04
471	4.86364	LIVE	0.0596	0.1641	4.608E-04
471	5.35	LIVE	0.0596	0.2006	4.608E-04
471	0.	WB	-0.3238	-0.1608	0.0797
471	0.48636	WB	-0.3238	-0.1316	0.0655
471	0.97273	WB	-0.3238	-0.1025	0.0513
471	1.45909	WB	-0.3238	-0.0733	0.0372
471	1.94545	WB	-0.3238	-0.0441	0.023
471	2.43182	WB	-0.3238	-0.0149	0.0088
471	2.91818	WB	-0.3238	0.0143	-0.0053
471	3.40455	WB	-0.3238	0.0434	-0.0195
471	3.89091	WB	-0.3238	0.0726	-0.0336
471	4.37727	WB	-0.3238	0.1018	-0.0478
471	4.86364	WB	-0.3238	0.131	-0.062
471	5.35	WB	-0.3238	0.1602	-0.0761
471	0.	WS	-0.4734	-6.552E-04	0.0802
471	0.48636	WS	-0.4734	-6.552E-04	0.066
471	0.97273	WS	-0.4734	-6.552E-04	0.0519
471	1.45909	WS	-0.4734	-6.552E-04	0.0377
471	1.94545	WS	-0.4734	-6.552E-04	0.0236
471	2.43182	WS	-0.4734	-6.552E-04	0.0094
471	2.91818	WS	-0.4734	-6.552E-04	-0.0048
471	3.40455	WS	-0.4734	-6.552E-04	-0.0189
471	3.89091	WS	-0.4734	-6.552E-04	-0.0331
471	4.37727	WS	-0.4734	-6.552E-04	-0.0473
471	4.86364	WS	-0.4734	-6.552E-04	-0.0614
471	5.35	WS	-0.4734	-6.552E-04	-0.0756
472	0.	DEAD	0.1097	-0.6242	0.0011
472	0.48636	DEAD	0.1097	-0.5106	0.0011
472	0.97273	DEAD	0.1097	-0.3969	0.0011
472	1.45909	DEAD	0.1097	-0.2833	0.0011
472	1.94545	DEAD	0.1097	-0.1696	0.0011
472	2.43182	DEAD	0.1097	-0.056	0.0011
472	2.91818	DEAD	0.1097	0.0577	0.0011
472	3.40455	DEAD	0.1097	0.1713	0.0011
472	3.89091	DEAD	0.1097	0.285	0.0011

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
472	4.37727	DEAD	0.1097	0.3986	0.0011
472	4.86364	DEAD	0.1097	0.5123	0.0011
472	5.35	DEAD	0.1097	0.6259	0.0011
472	0.	LIVE	0.026	-0.2003	4.907E-04
472	0.48636	LIVE	0.026	-0.1638	4.907E-04
472	0.97273	LIVE	0.026	-0.1274	4.907E-04
472	1.45909	LIVE	0.026	-0.0909	4.907E-04
472	1.94545	LIVE	0.026	-0.0544	4.907E-04
472	2.43182	LIVE	0.026	-0.0179	4.907E-04
472	2.91818	LIVE	0.026	0.0185	4.907E-04
472	3.40455	LIVE	0.026	0.055	4.907E-04
472	3.89091	LIVE	0.026	0.0915	4.907E-04
472	4.37727	LIVE	0.026	0.128	4.907E-04
472	4.86364	LIVE	0.026	0.1645	4.907E-04
472	5.35	LIVE	0.026	0.2009	4.907E-04
472	0.	WB	-0.1462	-0.1604	0.0795
472	0.48636	WB	-0.1462	-0.1312	0.0653
472	0.97273	WB	-0.1462	-0.102	0.0512
472	1.45909	WB	-0.1462	-0.0729	0.037
472	1.94545	WB	-0.1462	-0.0437	0.0229
472	2.43182	WB	-0.1462	-0.0145	0.0087
472	2.91818	WB	-0.1462	0.0147	-0.0055
472	3.40455	WB	-0.1462	0.0439	-0.0196
472	3.89091	WB	-0.1462	0.073	-0.0338
472	4.37727	WB	-0.1462	0.1022	-0.048
472	4.86364	WB	-0.1462	0.1314	-0.0621
472	5.35	WB	-0.1462	0.1606	-0.0763
472	0.	WS	-0.2122	-1.174E-04	0.0801
472	0.48636	WS	-0.2122	-1.174E-04	0.0659
472	0.97273	WS	-0.2122	-1.174E-04	0.0517
472	1.45909	WS	-0.2122	-1.174E-04	0.0376
472	1.94545	WS	-0.2122	-1.174E-04	0.0234
472	2.43182	WS	-0.2122	-1.174E-04	0.0093
472	2.91818	WS	-0.2122	-1.174E-04	-0.0049
472	3.40455	WS	-0.2122	-1.174E-04	-0.0191
472	3.89091	WS	-0.2122	-1.174E-04	-0.0332
472	4.37727	WS	-0.2122	-1.174E-04	-0.0474
472	4.86364	WS	-0.2122	-1.174E-04	-0.0616
472	5.35	WS	-0.2122	-1.174E-04	-0.0757
473	0.	DEAD	-0.1148	-0.6236	0.0012
473	0.48636	DEAD	-0.1148	-0.51	0.0012
473	0.97273	DEAD	-0.1148	-0.3963	0.0012
473	1.45909	DEAD	-0.1148	-0.2827	0.0012
473	1.94545	DEAD	-0.1148	-0.169	0.0012
473	2.43182	DEAD	-0.1148	-0.0554	0.0012
473	2.91818	DEAD	-0.1148	0.0583	0.0012
473	3.40455	DEAD	-0.1148	0.1719	0.0012
473	3.89091	DEAD	-0.1148	0.2855	0.0012
473	4.37727	DEAD	-0.1148	0.3992	0.0012
473	4.86364	DEAD	-0.1148	0.5128	0.0012
473	5.35	DEAD	-0.1148	0.6265	0.0012
473	0.	LIVE	-0.0304	-0.2002	5.217E-04
473	0.48636	LIVE	-0.0304	-0.1637	5.217E-04
473	0.97273	LIVE	-0.0304	-0.1272	5.217E-04

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
473	1.45909	LIVE	-0.0304	-0.0907	5.217E-04
473	1.94545	LIVE	-0.0304	-0.0543	5.217E-04
473	2.43182	LIVE	-0.0304	-0.0178	5.217E-04
473	2.91818	LIVE	-0.0304	0.0187	5.217E-04
473	3.40455	LIVE	-0.0304	0.0552	5.217E-04
473	3.89091	LIVE	-0.0304	0.0917	5.217E-04
473	4.37727	LIVE	-0.0304	0.1281	5.217E-04
473	4.86364	LIVE	-0.0304	0.1646	5.217E-04
473	5.35	LIVE	-0.0304	0.2011	5.217E-04
473	0.	WB	-0.1044	-0.1603	0.0794
473	0.48636	WB	-0.1044	-0.1311	0.0653
473	0.97273	WB	-0.1044	-0.1019	0.0511
473	1.45909	WB	-0.1044	-0.0727	0.0369
473	1.94545	WB	-0.1044	-0.0435	0.0228
473	2.43182	WB	-0.1044	-0.0143	0.0086
473	2.91818	WB	-0.1044	0.0148	-0.0055
473	3.40455	WB	-0.1044	0.044	-0.0197
473	3.89091	WB	-0.1044	0.0732	-0.0339
473	4.37727	WB	-0.1044	0.1024	-0.048
473	4.86364	WB	-0.1044	0.1316	-0.0622
473	5.35	WB	-0.1044	0.1607	-0.0763
473	0.	WS	-0.1397	1.271E-04	0.08
473	0.48636	WS	-0.1397	1.271E-04	0.0658
473	0.97273	WS	-0.1397	1.271E-04	0.0517
473	1.45909	WS	-0.1397	1.271E-04	0.0375
473	1.94545	WS	-0.1397	1.271E-04	0.0233
473	2.43182	WS	-0.1397	1.271E-04	0.0092
473	2.91818	WS	-0.1397	1.271E-04	-0.005
473	3.40455	WS	-0.1397	1.271E-04	-0.0191
473	3.89091	WS	-0.1397	1.271E-04	-0.0333
473	4.37727	WS	-0.1397	1.271E-04	-0.0475
473	4.86364	WS	-0.1397	1.271E-04	-0.0616
473	5.35	WS	-0.1397	1.271E-04	-0.0758
474	0.	DEAD	-1.2192	-0.5502	0.0416
474	0.48182	DEAD	-1.2192	-0.427	0.0416
474	0.96364	DEAD	-1.2192	-0.3038	0.0416
474	1.44545	DEAD	-1.2192	-0.1807	0.0416
474	1.92727	DEAD	-1.2192	-0.0575	0.0416
474	2.40909	DEAD	-1.2192	0.0656	0.0416
474	2.89091	DEAD	-1.2192	0.1888	0.0416
474	3.37273	DEAD	-1.2192	0.312	0.0416
474	3.85455	DEAD	-1.2192	0.4351	0.0416
474	4.33636	DEAD	-1.2192	0.5583	0.0416
474	4.81818	DEAD	-1.2192	0.6814	0.0416
474	5.3	DEAD	-1.2192	0.8046	0.0416
474	0.	LIVE	-0.314	-0.1601	0.0123
474	0.48182	LIVE	-0.314	-0.1239	0.0123
474	0.96364	LIVE	-0.314	-0.0878	0.0123
474	1.44545	LIVE	-0.314	-0.0517	0.0123
474	1.92727	LIVE	-0.314	-0.0155	0.0123
474	2.40909	LIVE	-0.314	0.0206	0.0123
474	2.89091	LIVE	-0.314	0.0568	0.0123
474	3.37273	LIVE	-0.314	0.0929	0.0123
474	3.85455	LIVE	-0.314	0.129	0.0123

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
474	4.33636	LIVE	-0.314	0.1652	0.0123
474	4.81818	LIVE	-0.314	0.2013	0.0123
474	5.3	LIVE	-0.314	0.2374	0.0123
474	0.	WB	-0.1282	2.383E-04	0.1309
474	0.48182	WB	-0.1282	2.383E-04	0.1133
474	0.96364	WB	-0.1282	2.383E-04	0.0958
474	1.44545	WB	-0.1282	2.383E-04	0.0783
474	1.92727	WB	-0.1282	2.383E-04	0.0607
474	2.40909	WB	-0.1282	2.383E-04	0.0432
474	2.89091	WB	-0.1282	2.383E-04	0.0257
474	3.37273	WB	-0.1282	2.383E-04	0.0081
474	3.85455	WB	-0.1282	2.383E-04	-0.0094
474	4.33636	WB	-0.1282	2.383E-04	-0.0269
474	4.81818	WB	-0.1282	2.383E-04	-0.0445
474	5.3	WB	-0.1282	2.383E-04	-0.062
474	0.	WS	-0.2043	-0.0092	0.3173
474	0.48182	WS	-0.2043	-0.0092	0.2709
474	0.96364	WS	-0.2043	-0.0092	0.2244
474	1.44545	WS	-0.2043	-0.0092	0.178
474	1.92727	WS	-0.2043	-0.0092	0.1315
474	2.40909	WS	-0.2043	-0.0092	0.0851
474	2.89091	WS	-0.2043	-0.0092	0.0387
474	3.37273	WS	-0.2043	-0.0092	-0.0078
474	3.85455	WS	-0.2043	-0.0092	-0.0542
474	4.33636	WS	-0.2043	-0.0092	-0.1007
474	4.81818	WS	-0.2043	-0.0092	-0.1471
474	5.3	WS	-0.2043	-0.0092	-0.1936
475	0.	DEAD	-1.1487	-0.7272	0.0144
475	0.48636	DEAD	-1.1487	-0.6029	0.0144
475	0.97273	DEAD	-1.1487	-0.4786	0.0144
475	1.45909	DEAD	-1.1487	-0.3543	0.0144
475	1.94545	DEAD	-1.1487	-0.2299	0.0144
475	2.43182	DEAD	-1.1487	-0.1056	0.0144
475	2.91818	DEAD	-1.1487	0.0187	0.0144
475	3.40455	DEAD	-1.1487	0.143	0.0144
475	3.89091	DEAD	-1.1487	0.2673	0.0144
475	4.37727	DEAD	-1.1487	0.3917	0.0144
475	4.86364	DEAD	-1.1487	0.516	0.0144
475	5.35	DEAD	-1.1487	0.6403	0.0144
475	0.	LIVE	-0.2923	-0.2139	0.0039
475	0.48636	LIVE	-0.2923	-0.1774	0.0039
475	0.97273	LIVE	-0.2923	-0.1409	0.0039
475	1.45909	LIVE	-0.2923	-0.1044	0.0039
475	1.94545	LIVE	-0.2923	-0.068	0.0039
475	2.43182	LIVE	-0.2923	-0.0315	0.0039
475	2.91818	LIVE	-0.2923	0.005	0.0039
475	3.40455	LIVE	-0.2923	0.0415	0.0039
475	3.89091	LIVE	-0.2923	0.0779	0.0039
475	4.37727	LIVE	-0.2923	0.1144	0.0039
475	4.86364	LIVE	-0.2923	0.1509	0.0039
475	5.35	LIVE	-0.2923	0.1874	0.0039
475	0.	WB	-0.096	-0.0048	0.1092
475	0.48636	WB	-0.096	-0.0048	0.0915
475	0.97273	WB	-0.096	-0.0048	0.0738

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
475	1.45909	WB	-0.096	-0.0048	0.056
475	1.94545	WB	-0.096	-0.0048	0.0383
475	2.43182	WB	-0.096	-0.0048	0.0206
475	2.91818	WB	-0.096	-0.0048	0.0029
475	3.40455	WB	-0.096	-0.0048	-0.0148
475	3.89091	WB	-0.096	-0.0048	-0.0325
475	4.37727	WB	-0.096	-0.0048	-0.0502
475	4.86364	WB	-0.096	-0.0048	-0.0679
475	5.35	WB	-0.096	-0.0048	-0.0856
475	0.	WS	-0.1552	-0.007	0.2733
475	0.48636	WS	-0.1552	-0.007	0.2264
475	0.97273	WS	-0.1552	-0.007	0.1795
475	1.45909	WS	-0.1552	-0.007	0.1326
475	1.94545	WS	-0.1552	-0.007	0.0858
475	2.43182	WS	-0.1552	-0.007	0.0389
475	2.91818	WS	-0.1552	-0.007	-0.008
475	3.40455	WS	-0.1552	-0.007	-0.0549
475	3.89091	WS	-0.1552	-0.007	-0.1018
475	4.37727	WS	-0.1552	-0.007	-0.1487
475	4.86364	WS	-0.1552	-0.007	-0.1955
475	5.35	WS	-0.1552	-0.007	-0.2424
478	0.	DEAD	-1.0465	-0.6791	0.0099
478	0.48636	DEAD	-1.0465	-0.5547	0.0099
478	0.97273	DEAD	-1.0465	-0.4304	0.0099
478	1.45909	DEAD	-1.0465	-0.3061	0.0099
478	1.94545	DEAD	-1.0465	-0.1818	0.0099
478	2.43182	DEAD	-1.0465	-0.0575	0.0099
478	2.91818	DEAD	-1.0465	0.0669	0.0099
478	3.40455	DEAD	-1.0465	0.1912	0.0099
478	3.89091	DEAD	-1.0465	0.3155	0.0099
478	4.37727	DEAD	-1.0465	0.4398	0.0099
478	4.86364	DEAD	-1.0465	0.5641	0.0099
478	5.35	DEAD	-1.0465	0.6885	0.0099
478	0.	LIVE	-0.2593	-0.1994	0.0036
478	0.48636	LIVE	-0.2593	-0.1629	0.0036
478	0.97273	LIVE	-0.2593	-0.1264	0.0036
478	1.45909	LIVE	-0.2593	-0.09	0.0036
478	1.94545	LIVE	-0.2593	-0.0535	0.0036
478	2.43182	LIVE	-0.2593	-0.017	0.0036
478	2.91818	LIVE	-0.2593	0.0195	0.0036
478	3.40455	LIVE	-0.2593	0.0559	0.0036
478	3.89091	LIVE	-0.2593	0.0924	0.0036
478	4.37727	LIVE	-0.2593	0.1289	0.0036
478	4.86364	LIVE	-0.2593	0.1654	0.0036
478	5.35	LIVE	-0.2593	0.2018	0.0036
478	0.	WB	-0.0482	-0.1602	0.1083
478	0.48636	WB	-0.0482	-0.131	0.0906
478	0.97273	WB	-0.0482	-0.1018	0.0729
478	1.45909	WB	-0.0482	-0.0726	0.0552
478	1.94545	WB	-0.0482	-0.0435	0.0375
478	2.43182	WB	-0.0482	-0.0143	0.0198
478	2.91818	WB	-0.0482	0.0149	0.0021
478	3.40455	WB	-0.0482	0.0441	-0.0156
478	3.89091	WB	-0.0482	0.0733	-0.0333

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
478	4.37727	WB	-0.0482	0.1024	-0.051
478	4.86364	WB	-0.0482	0.1316	-0.0687
478	5.35	WB	-0.0482	0.1608	-0.0864
478	0.	WS	0.1029	-2.334E-04	0.1119
478	0.48636	WS	0.1029	-2.334E-04	0.0942
478	0.97273	WS	0.1029	-2.334E-04	0.0765
478	1.45909	WS	0.1029	-2.334E-04	0.0588
478	1.94545	WS	0.1029	-2.334E-04	0.0411
478	2.43182	WS	0.1029	-2.334E-04	0.0234
478	2.91818	WS	0.1029	-2.334E-04	0.0057
478	3.40455	WS	0.1029	-2.334E-04	-0.012
478	3.89091	WS	0.1029	-2.334E-04	-0.0297
478	4.37727	WS	0.1029	-2.334E-04	-0.0474
478	4.86364	WS	0.1029	-2.334E-04	-0.0651
478	5.35	WS	0.1029	-2.334E-04	-0.0828
480	0.	DEAD	-1.9882	-0.7032	0.0219
480	0.48636	DEAD	-1.9882	-0.5789	0.0219
480	0.97273	DEAD	-1.9882	-0.4546	0.0219
480	1.45909	DEAD	-1.9882	-0.3302	0.0219
480	1.94545	DEAD	-1.9882	-0.2059	0.0219
480	2.43182	DEAD	-1.9882	-0.0816	0.0219
480	2.91818	DEAD	-1.9882	0.0427	0.0219
480	3.40455	DEAD	-1.9882	0.167	0.0219
480	3.89091	DEAD	-1.9882	0.2914	0.0219
480	4.37727	DEAD	-1.9882	0.4157	0.0219
480	4.86364	DEAD	-1.9882	0.54	0.0219
480	5.35	DEAD	-1.9882	0.6643	0.0219
480	0.	LIVE	-0.598	-0.2068	0.0066
480	0.48636	LIVE	-0.598	-0.1704	0.0066
480	0.97273	LIVE	-0.598	-0.1339	0.0066
480	1.45909	LIVE	-0.598	-0.0974	0.0066
480	1.94545	LIVE	-0.598	-0.0609	0.0066
480	2.43182	LIVE	-0.598	-0.0244	0.0066
480	2.91818	LIVE	-0.598	0.012	0.0066
480	3.40455	LIVE	-0.598	0.0485	0.0066
480	3.89091	LIVE	-0.598	0.085	0.0066
480	4.37727	LIVE	-0.598	0.1215	0.0066
480	4.86364	LIVE	-0.598	0.1579	0.0066
480	5.35	LIVE	-0.598	0.1944	0.0066
480	0.	WB	-0.2015	-0.0025	0.1072
480	0.48636	WB	-0.2015	-0.0025	0.0895
480	0.97273	WB	-0.2015	-0.0025	0.0718
480	1.45909	WB	-0.2015	-0.0025	0.0541
480	1.94545	WB	-0.2015	-0.0025	0.0364
480	2.43182	WB	-0.2015	-0.0025	0.0187
480	2.91818	WB	-0.2015	-0.0025	9.731E-04
480	3.40455	WB	-0.2015	-0.0025	-0.0167
480	3.89091	WB	-0.2015	-0.0025	-0.0344
480	4.37727	WB	-0.2015	-0.0025	-0.0521
480	4.86364	WB	-0.2015	-0.0025	-0.0698
480	5.35	WB	-0.2015	-0.0025	-0.0875
480	0.	WS	-0.1173	-0.0039	0.1104
480	0.48636	WS	-0.1173	-0.0039	0.0927
480	0.97273	WS	-0.1173	-0.0039	0.075

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
480	1.45909	WS	-0.1173	-0.0039	0.0573
480	1.94545	WS	-0.1173	-0.0039	0.0396
480	2.43182	WS	-0.1173	-0.0039	0.0219
480	2.91818	WS	-0.1173	-0.0039	0.0042
480	3.40455	WS	-0.1173	-0.0039	-0.0135
480	3.89091	WS	-0.1173	-0.0039	-0.0312
480	4.37727	WS	-0.1173	-0.0039	-0.0489
480	4.86364	WS	-0.1173	-0.0039	-0.0666
480	5.35	WS	-0.1173	-0.0039	-0.0843
483	0.	DEAD	-0.3526	-0.6306	0.0028
483	0.48636	DEAD	-0.3526	-0.517	0.0028
483	0.97273	DEAD	-0.3526	-0.4033	0.0028
483	1.45909	DEAD	-0.3526	-0.2897	0.0028
483	1.94545	DEAD	-0.3526	-0.176	0.0028
483	2.43182	DEAD	-0.3526	-0.0624	0.0028
483	2.91818	DEAD	-0.3526	0.0512	0.0028
483	3.40455	DEAD	-0.3526	0.1649	0.0028
483	3.89091	DEAD	-0.3526	0.2785	0.0028
483	4.37727	DEAD	-0.3526	0.3922	0.0028
483	4.86364	DEAD	-0.3526	0.5058	0.0028
483	5.35	DEAD	-0.3526	0.6195	0.0028
483	0.	LIVE	-0.0966	-0.2023	8.180E-04
483	0.48636	LIVE	-0.0966	-0.1659	8.180E-04
483	0.97273	LIVE	-0.0966	-0.1294	8.180E-04
483	1.45909	LIVE	-0.0966	-0.0929	8.180E-04
483	1.94545	LIVE	-0.0966	-0.0564	8.180E-04
483	2.43182	LIVE	-0.0966	-0.02	8.180E-04
483	2.91818	LIVE	-0.0966	0.0165	8.180E-04
483	3.40455	LIVE	-0.0966	0.053	8.180E-04
483	3.89091	LIVE	-0.0966	0.0895	8.180E-04
483	4.37727	LIVE	-0.0966	0.1259	8.180E-04
483	4.86364	LIVE	-0.0966	0.1624	8.180E-04
483	5.35	LIVE	-0.0966	0.1989	8.180E-04
483	0.	WB	-0.0146	-6.700E-04	0.0791
483	0.48636	WB	-0.0146	-6.700E-04	0.0649
483	0.97273	WB	-0.0146	-6.700E-04	0.0508
483	1.45909	WB	-0.0146	-6.700E-04	0.0366
483	1.94545	WB	-0.0146	-6.700E-04	0.0225
483	2.43182	WB	-0.0146	-6.700E-04	0.0083
483	2.91818	WB	-0.0146	-6.700E-04	-0.0059
483	3.40455	WB	-0.0146	-6.700E-04	-0.02
483	3.89091	WB	-0.0146	-6.700E-04	-0.0342
483	4.37727	WB	-0.0146	-6.700E-04	-0.0483
483	4.86364	WB	-0.0146	-6.700E-04	-0.0625
483	5.35	WB	-0.0146	-6.700E-04	-0.0767
483	0.	WS	-0.0172	-0.001	0.24
483	0.48636	WS	-0.0172	-0.001	0.1967
483	0.97273	WS	-0.0172	-0.001	0.1533
483	1.45909	WS	-0.0172	-0.001	0.11
483	1.94545	WS	-0.0172	-0.001	0.0666
483	2.43182	WS	-0.0172	-0.001	0.0233
483	2.91818	WS	-0.0172	-0.001	-0.02
483	3.40455	WS	-0.0172	-0.001	-0.0634
483	3.89091	WS	-0.0172	-0.001	-0.1067

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
483	4.37727	WS	-0.0172	-0.001	-0.1501
483	4.86364	WS	-0.0172	-0.001	-0.1934
483	5.35	WS	-0.0172	-0.001	-0.2368
484	0.	DEAD	-0.3384	-0.626	0.0015
484	0.48636	DEAD	-0.3384	-0.5123	0.0015
484	0.97273	DEAD	-0.3384	-0.3987	0.0015
484	1.45909	DEAD	-0.3384	-0.285	0.0015
484	1.94545	DEAD	-0.3384	-0.1714	0.0015
484	2.43182	DEAD	-0.3384	-0.0577	0.0015
484	2.91818	DEAD	-0.3384	0.0559	0.0015
484	3.40455	DEAD	-0.3384	0.1696	0.0015
484	3.89091	DEAD	-0.3384	0.2832	0.0015
484	4.37727	DEAD	-0.3384	0.3969	0.0015
484	4.86364	DEAD	-0.3384	0.5105	0.0015
484	5.35	DEAD	-0.3384	0.6241	0.0015
484	0.	LIVE	-0.0924	-0.2009	4.802E-04
484	0.48636	LIVE	-0.0924	-0.1645	4.802E-04
484	0.97273	LIVE	-0.0924	-0.128	4.802E-04
484	1.45909	LIVE	-0.0924	-0.0915	4.802E-04
484	1.94545	LIVE	-0.0924	-0.055	4.802E-04
484	2.43182	LIVE	-0.0924	-0.0186	4.802E-04
484	2.91818	LIVE	-0.0924	0.0179	4.802E-04
484	3.40455	LIVE	-0.0924	0.0544	4.802E-04
484	3.89091	LIVE	-0.0924	0.0909	4.802E-04
484	4.37727	LIVE	-0.0924	0.1274	4.802E-04
484	4.86364	LIVE	-0.0924	0.1638	4.802E-04
484	5.35	LIVE	-0.0924	0.2003	4.802E-04
484	0.	WB	-0.0489	-0.1606	0.079
484	0.48636	WB	-0.0489	-0.1315	0.0648
484	0.97273	WB	-0.0489	-0.1023	0.0507
484	1.45909	WB	-0.0489	-0.0731	0.0365
484	1.94545	WB	-0.0489	-0.0439	0.0223
484	2.43182	WB	-0.0489	-0.0147	0.0082
484	2.91818	WB	-0.0489	0.0144	-0.006
484	3.40455	WB	-0.0489	0.0436	-0.0201
484	3.89091	WB	-0.0489	0.0728	-0.0343
484	4.37727	WB	-0.0489	0.102	-0.0485
484	4.86364	WB	-0.0489	0.1312	-0.0626
484	5.35	WB	-0.0489	0.1604	-0.0768
484	0.	WS	-0.0232	-3.362E-04	0.0794
484	0.48636	WS	-0.0232	-3.362E-04	0.0652
484	0.97273	WS	-0.0232	-3.362E-04	0.051
484	1.45909	WS	-0.0232	-3.362E-04	0.0369
484	1.94545	WS	-0.0232	-3.362E-04	0.0227
484	2.43182	WS	-0.0232	-3.362E-04	0.0086
484	2.91818	WS	-0.0232	-3.362E-04	-0.0056
484	3.40455	WS	-0.0232	-3.362E-04	-0.0198
484	3.89091	WS	-0.0232	-3.362E-04	-0.0339
484	4.37727	WS	-0.0232	-3.362E-04	-0.0481
484	4.86364	WS	-0.0232	-3.362E-04	-0.0622
484	5.35	WS	-0.0232	-3.362E-04	-0.0764
493	0.	DEAD	12.2651	7.225	0.0771
493	0.45	DEAD	12.2651	7.2523	0.0771
493	0.9	DEAD	12.2651	7.2797	0.0771

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
493	1.35	DEAD	12.2651	7.307	0.0771
493	1.35	DEAD	13.9388	-0.4156	-0.0014
493	1.82791	DEAD	13.9388	-0.3865	-0.0014
493	2.30583	DEAD	13.9388	-0.3575	-0.0014
493	2.78374	DEAD	13.9389	-0.3284	-0.0014
493	3.26165	DEAD	13.9389	-0.2994	-0.0014
493	3.73957	DEAD	13.9389	-0.2703	-0.0014
493	4.21748	DEAD	13.9389	-0.2413	-0.0014
493	4.69539	DEAD	13.9389	-0.2122	-0.0014
493	5.1733	DEAD	13.9389	-0.1832	-0.0014
493	5.65122	DEAD	13.939	-0.1541	-0.0014
493	6.12913	DEAD	13.939	-0.1251	-0.0014
493	6.60704	DEAD	13.939	-0.096	-0.0014
493	7.08496	DEAD	13.939	-0.067	-0.0014
493	7.56287	DEAD	13.939	-0.0379	-0.0014
493	8.04078	DEAD	13.939	-0.0089	-0.0014
493	8.5187	DEAD	13.939	0.0202	-0.0014
493	8.99661	DEAD	13.9391	0.0492	-0.0014
493	8.99661	DEAD	12.4138	-7.627	-0.0511
493	9.42161	DEAD	12.4138	-7.6011	-0.0511
493	9.84661	DEAD	12.4138	-7.5753	-0.0511
493	0.	LIVE	3.6057	2.1913	0.0239
493	0.45	LIVE	3.6057	2.1913	0.0239
493	0.9	LIVE	3.6057	2.1913	0.0239
493	1.35	LIVE	3.6057	2.1913	0.0239
493	1.35	LIVE	4.1398	-0.0549	-2.329E-04
493	1.82791	LIVE	4.1398	-0.0549	-2.329E-04
493	2.30583	LIVE	4.1398	-0.0549	-2.329E-04
493	2.78374	LIVE	4.1398	-0.0549	-2.329E-04
493	3.26165	LIVE	4.1398	-0.0549	-2.329E-04
493	3.73957	LIVE	4.1398	-0.0549	-2.329E-04
493	4.21748	LIVE	4.1398	-0.0549	-2.329E-04
493	4.69539	LIVE	4.1398	-0.0549	-2.329E-04
493	5.1733	LIVE	4.1398	-0.0549	-2.329E-04
493	5.65122	LIVE	4.1398	-0.0549	-2.329E-04
493	6.12913	LIVE	4.1398	-0.0549	-2.329E-04
493	6.60704	LIVE	4.1398	-0.0549	-2.329E-04
493	7.08496	LIVE	4.1398	-0.0549	-2.329E-04
493	7.56287	LIVE	4.1398	-0.0549	-2.329E-04
493	8.04078	LIVE	4.1398	-0.0549	-2.329E-04
493	8.5187	LIVE	4.1398	-0.0549	-2.329E-04
493	8.99661	LIVE	4.1398	-0.0549	-2.329E-04
493	8.99661	LIVE	3.6517	-2.2983	-0.0175
493	9.42161	LIVE	3.6517	-2.2983	-0.0175
493	9.84661	LIVE	3.6517	-2.2983	-0.0175
493	0.	WB	1.8765	0.3101	0.0012
493	0.45	WB	1.8765	0.3101	0.0012
493	0.9	WB	1.8765	0.3101	0.0012
493	1.35	WB	1.8765	0.3101	0.0012
493	1.35	WB	1.2959	-0.2976	0.016
493	1.82791	WB	1.2959	-0.2976	0.016
493	2.30583	WB	1.2959	-0.2976	0.016
493	2.78374	WB	1.2959	-0.2976	0.016
493	3.26165	WB	1.2959	-0.2976	0.016

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
493	3.73957	WB	1.2959	-0.2976	0.016
493	4.21748	WB	1.2959	-0.2976	0.016
493	4.69539	WB	1.2959	-0.2976	0.016
493	5.1733	WB	1.2959	-0.2976	0.016
493	5.65122	WB	1.2959	-0.2976	0.016
493	6.12913	WB	1.2959	-0.2976	0.016
493	6.60704	WB	1.2959	-0.2976	0.016
493	7.08496	WB	1.2959	-0.2976	0.016
493	7.56287	WB	1.2959	-0.2976	0.016
493	8.04078	WB	1.2959	-0.2976	0.016
493	8.5187	WB	1.2959	-0.2976	0.016
493	8.99661	WB	1.2959	-0.2976	0.016
493	8.99661	WB	0.4892	-1.316	0.1153
493	9.42161	WB	0.4892	-1.316	0.1153
493	9.84661	WB	0.4892	-1.316	0.1153
493	0.	WS	1.7114	0.1487	0.0139
493	0.45	WS	1.7114	0.1487	0.0139
493	0.9	WS	1.7114	0.1487	0.0139
493	1.35	WS	1.7114	0.1487	0.0139
493	1.35	WS	0.2731	-0.5141	0.0214
493	1.82791	WS	0.2731	-0.5141	0.0214
493	2.30583	WS	0.2731	-0.5141	0.0214
493	2.78374	WS	0.2731	-0.5141	0.0214
493	3.26165	WS	0.2731	-0.5141	0.0214
493	3.73957	WS	0.2731	-0.5141	0.0214
493	4.21748	WS	0.2731	-0.5141	0.0214
493	4.69539	WS	0.2731	-0.5141	0.0214
493	5.1733	WS	0.2731	-0.5141	0.0214
493	5.65122	WS	0.2731	-0.5141	0.0214
493	6.12913	WS	0.2731	-0.5141	0.0214
493	6.60704	WS	0.2731	-0.5141	0.0214
493	7.08496	WS	0.2731	-0.5141	0.0214
493	7.56287	WS	0.2731	-0.5141	0.0214
493	8.04078	WS	0.2731	-0.5141	0.0214
493	8.5187	WS	0.2731	-0.5141	0.0214
493	8.99661	WS	0.2731	-0.5141	0.0214
493	8.99661	WS	-1.124	0.1861	0.1588
493	9.42161	WS	-1.124	0.1861	0.1588
493	9.84661	WS	-1.124	0.1861	0.1588
495	0.	DEAD	7.5413	4.998	-0.0717
495	0.45	DEAD	7.5413	5.0254	-0.0717
495	0.9	DEAD	7.5413	5.0527	-0.0717
495	1.35	DEAD	7.5413	5.0801	-0.0717
495	1.35	DEAD	8.8074	-0.3336	-0.0011
495	1.8288	DEAD	8.8074	-0.3045	-0.0011
495	2.30759	DEAD	8.8074	-0.2754	-0.0011
495	2.78639	DEAD	8.8074	-0.2463	-0.0011
495	3.26518	DEAD	8.8074	-0.2172	-0.0011
495	3.74398	DEAD	8.8074	-0.1881	-0.0011
495	4.22277	DEAD	8.8074	-0.159	-0.0011
495	4.70157	DEAD	8.8074	-0.1299	-0.0011
495	5.18036	DEAD	8.8074	-0.1008	-0.0011
495	5.65916	DEAD	8.8074	-0.0717	-0.0011
495	6.13795	DEAD	8.8074	-0.0426	-0.0011

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
495	6.61675	DEAD	8.8074	-0.0135	-0.0011
495	7.09554	DEAD	8.8074	0.0156	-0.0011
495	7.57434	DEAD	8.8074	0.0447	-0.0011
495	8.05314	DEAD	8.8074	0.0738	-0.0011
495	8.53193	DEAD	8.8074	0.1029	-0.0011
495	9.01073	DEAD	8.8074	0.132	-0.0011
495	9.01073	DEAD	7.907	-5.469	0.178
495	9.43573	DEAD	7.907	-5.4432	0.178
495	9.86073	DEAD	7.907	-5.4174	0.178
495	0.	LIVE	2.0501	1.4742	-0.0226
495	0.45	LIVE	2.0501	1.4742	-0.0226
495	0.9	LIVE	2.0501	1.4742	-0.0226
495	1.35	LIVE	2.0501	1.4742	-0.0226
495	1.35	LIVE	2.4475	-0.0288	-2.213E-04
495	1.8288	LIVE	2.4475	-0.0288	-2.213E-04
495	2.30759	LIVE	2.4475	-0.0288	-2.213E-04
495	2.78639	LIVE	2.4475	-0.0288	-2.213E-04
495	3.26518	LIVE	2.4475	-0.0288	-2.213E-04
495	3.74398	LIVE	2.4475	-0.0288	-2.213E-04
495	4.22277	LIVE	2.4475	-0.0288	-2.213E-04
495	4.70157	LIVE	2.4475	-0.0288	-2.213E-04
495	5.18036	LIVE	2.4475	-0.0288	-2.213E-04
495	5.65916	LIVE	2.4475	-0.0288	-2.213E-04
495	6.13795	LIVE	2.4475	-0.0288	-2.213E-04
495	6.61675	LIVE	2.4475	-0.0288	-2.213E-04
495	7.09554	LIVE	2.4475	-0.0288	-2.213E-04
495	7.57434	LIVE	2.4475	-0.0288	-2.213E-04
495	8.05314	LIVE	2.4475	-0.0288	-2.213E-04
495	8.53193	LIVE	2.4475	-0.0288	-2.213E-04
495	9.01073	LIVE	2.4475	-0.0288	-2.213E-04
495	9.01073	LIVE	2.1581	-1.5758	0.0567
495	9.43573	LIVE	2.1581	-1.5758	0.0567
495	9.86073	LIVE	2.1581	-1.5758	0.0567
495	0.	WB	0.9976	0.1082	0.0798
495	0.45	WB	0.9976	0.1082	0.0798
495	0.9	WB	0.9976	0.1082	0.0798
495	1.35	WB	0.9976	0.1082	0.0798
495	1.35	WB	0.8264	-0.1583	0.025
495	1.8288	WB	0.8264	-0.1583	0.025
495	2.30759	WB	0.8264	-0.1583	0.025
495	2.78639	WB	0.8264	-0.1583	0.025
495	3.26518	WB	0.8264	-0.1583	0.025
495	3.74398	WB	0.8264	-0.1583	0.025
495	4.22277	WB	0.8264	-0.1583	0.025
495	4.70157	WB	0.8264	-0.1583	0.025
495	5.18036	WB	0.8264	-0.1583	0.025
495	5.65916	WB	0.8264	-0.1583	0.025
495	6.13795	WB	0.8264	-0.1583	0.025
495	6.61675	WB	0.8264	-0.1583	0.025
495	7.09554	WB	0.8264	-0.1583	0.025
495	7.57434	WB	0.8264	-0.1583	0.025
495	8.05314	WB	0.8264	-0.1583	0.025
495	8.53193	WB	0.8264	-0.1583	0.025
495	9.01073	WB	0.8264	-0.1583	0.025

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
495	9.01073	WB	0.451	-1.0733	0.1391
495	9.43573	WB	0.451	-1.0733	0.1391
495	9.86073	WB	0.451	-1.0733	0.1391
495	0.	WS	0.8089	-0.0653	0.1386
495	0.45	WS	0.8089	-0.0653	0.1386
495	0.9	WS	0.8089	-0.0653	0.1386
495	1.35	WS	0.8089	-0.0653	0.1386
495	1.35	WS	0.1883	-0.2716	0.0354
495	1.8288	WS	0.1883	-0.2716	0.0354
495	2.30759	WS	0.1883	-0.2716	0.0354
495	2.78639	WS	0.1883	-0.2716	0.0354
495	3.26518	WS	0.1883	-0.2716	0.0354
495	3.74398	WS	0.1883	-0.2716	0.0354
495	4.22277	WS	0.1883	-0.2716	0.0354
495	4.70157	WS	0.1883	-0.2716	0.0354
495	5.18036	WS	0.1883	-0.2716	0.0354
495	5.65916	WS	0.1883	-0.2716	0.0354
495	6.13795	WS	0.1883	-0.2716	0.0354
495	6.61675	WS	0.1883	-0.2716	0.0354
495	7.09554	WS	0.1883	-0.2716	0.0354
495	7.57434	WS	0.1883	-0.2716	0.0354
495	8.05314	WS	0.1883	-0.2716	0.0354
495	8.53193	WS	0.1883	-0.2716	0.0354
495	9.01073	WS	0.1883	-0.2716	0.0354
495	9.01073	WS	-0.4397	-0.0435	0.1719
495	9.43573	WS	-0.4397	-0.0435	0.1719
495	9.86073	WS	-0.4397	-0.0435	0.1719
496	0.	DEAD	0.2656	-0.404	0.0069
496	0.44375	DEAD	0.2656	-0.3003	0.0069
496	0.8875	DEAD	0.2656	-0.1966	0.0069
496	1.33125	DEAD	0.2656	-0.0929	0.0069
496	1.775	DEAD	0.2656	0.0108	0.0069
496	2.21875	DEAD	0.2656	0.1145	0.0069
496	2.6625	DEAD	0.2656	0.2182	0.0069
496	3.10625	DEAD	0.2656	0.3219	0.0069
496	3.55	DEAD	0.2656	0.4256	0.0069
496	0.	LIVE	0.0718	-0.1296	0.0021
496	0.44375	LIVE	0.0718	-0.0963	0.0021
496	0.8875	LIVE	0.0718	-0.0631	0.0021
496	1.33125	LIVE	0.0718	-0.0298	0.0021
496	1.775	LIVE	0.0718	0.0035	0.0021
496	2.21875	LIVE	0.0718	0.0368	0.0021
496	2.6625	LIVE	0.0718	0.0701	0.0021
496	3.10625	LIVE	0.0718	0.1033	0.0021
496	3.55	LIVE	0.0718	0.1366	0.0021
496	0.	WB	-0.0518	-0.0948	-0.0559
496	0.44375	WB	-0.0518	-0.0682	-0.043
496	0.8875	WB	-0.0518	-0.0415	-0.0301
496	1.33125	WB	-0.0518	-0.0149	-0.0171
496	1.775	WB	-0.0518	0.0117	-0.0042
496	2.21875	WB	-0.0518	0.0383	0.0087
496	2.6625	WB	-0.0518	0.065	0.0216
496	3.10625	WB	-0.0518	0.0916	0.0345
496	3.55	WB	-0.0518	0.1182	0.0475

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
496	0.	WS	-0.099	0.0102	-0.0621
496	0.44375	WS	-0.099	0.0102	-0.0491
496	0.8875	WS	-0.099	0.0102	-0.0362
496	1.33125	WS	-0.099	0.0102	-0.0233
496	1.775	WS	-0.099	0.0102	-0.0104
496	2.21875	WS	-0.099	0.0102	0.0025
496	2.6625	WS	-0.099	0.0102	0.0155
496	3.10625	WS	-0.099	0.0102	0.0284
496	3.55	WS	-0.099	0.0102	0.0413
509	0.	DEAD	-3.1532	0.2004	0.1678
509	1.7	DEAD	-2.7856	0.2004	0.1678
509	2.5	DEAD	-2.6126	0.2004	0.1678
509	2.5	DEAD	-2.5526	-0.031	0.7746
509	3.4	DEAD	-2.358	-0.031	0.7746
509	0.	LIVE	-0.5919	0.0637	0.0463
509	1.7	LIVE	-0.5919	0.0637	0.0463
509	2.5	LIVE	-0.5919	0.0637	0.0463
509	2.5	LIVE	-0.5933	0.031	0.2071
509	3.4	LIVE	-0.5933	0.031	0.2071
509	0.	WB	0.1819	0.7452	0.0486
509	1.7	WB	0.1819	0.6524	0.0486
509	2.5	WB	0.1819	0.6088	0.0486
509	2.5	WB	0.0748	0.378	0.0798
509	3.4	WB	0.0748	0.3289	0.0798
509	0.	WS	0.9226	1.0988	0.0166
509	1.7	WS	0.9226	1.006	0.0166
509	2.5	WS	0.9226	0.9623	0.0166
509	2.5	WS	0.7492	0.6041	-0.1039
509	3.4	WS	0.7492	0.555	-0.1039
510	0.	DEAD	-3.8044	0.0783	0.1997
510	1.7	DEAD	-3.4368	0.0783	0.1997
510	2.5	DEAD	-3.2638	0.0783	0.1997
510	2.5	DEAD	-3.14	0.1006	1.0358
510	3.4	DEAD	-2.9454	0.1006	1.0358
510	0.	LIVE	-0.7958	0.0199	0.0577
510	1.7	LIVE	-0.7958	0.0199	0.0577
510	2.5	LIVE	-0.7958	0.0199	0.0577
510	2.5	LIVE	-0.7785	0.0031	0.2939
510	3.4	LIVE	-0.7785	0.0031	0.2939
510	0.	WB	-0.6594	0.7371	-0.01
510	1.7	WB	-0.6594	0.6443	-0.01
510	2.5	WB	-0.6594	0.6006	-0.01
510	2.5	WB	-0.5358	0.3752	0.0444
510	3.4	WB	-0.5358	0.3261	0.0444
510	0.	WS	-1.0431	1.1055	-0.0118
510	1.7	WS	-1.0431	1.0127	-0.0118
510	2.5	WS	-1.0431	0.969	-0.0118
510	2.5	WS	-0.8483	0.6559	0.0851
510	3.4	WS	-0.8483	0.6068	0.0851
511	0.	DEAD	-1.7387	0.1593	0.2651
511	1.7	DEAD	-1.371	0.1593	0.2651
511	2.5	DEAD	-1.198	0.1593	0.2651
511	2.5	DEAD	-1.1426	0.3823	0.2497
511	3.4	DEAD	-0.948	0.3823	0.2497

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
511	0.	LIVE	-0.1816	0.047	0.0741
511	1.7	LIVE	-0.1816	0.047	0.0741
511	2.5	LIVE	-0.1816	0.047	0.0741
511	2.5	LIVE	-0.1851	0.1007	0.0697
511	3.4	LIVE	-0.1851	0.1007	0.0697
511	0.	WB	0.0628	0.7994	0.0108
511	1.7	WB	0.0628	0.7066	0.0108
511	2.5	WB	0.0628	0.6629	0.0108
511	2.5	WB	0.0476	0.9652	0.0097
511	3.4	WB	0.0476	0.9161	0.0097
511	0.	WS	0.0817	1.2003	-0.0059
511	1.7	WS	0.0817	1.1075	-0.0059
511	2.5	WS	0.0817	1.0639	-0.0059
511	2.5	WS	0.0582	1.5682	-0.0055
511	3.4	WS	0.0582	1.5191	-0.0055
512	0.	DEAD	-2.8729	-0.0839	-1.002
512	0.9	DEAD	-3.0675	-0.0839	-1.002
512	0.9	DEAD	-3.1844	-0.0667	-0.1728
512	1.7	DEAD	-3.3574	-0.0667	-0.1728
512	3.4	DEAD	-3.7251	-0.0667	-0.1728
512	0.	LIVE	-0.7716	-0.0036	-0.2892
512	0.9	LIVE	-0.7716	-0.0036	-0.2892
512	0.9	LIVE	-0.7868	-0.0169	-0.0505
512	1.7	LIVE	-0.7868	-0.0169	-0.0505
512	3.4	LIVE	-0.7868	-0.0169	-0.0505
512	0.	WB	-0.5455	-0.3438	-0.0581
512	0.9	WB	-0.5455	-0.393	-0.0581
512	0.9	WB	-0.675	-0.6277	0.0054
512	1.7	WB	-0.675	-0.6714	0.0054
512	3.4	WB	-0.675	-0.7642	0.0054
512	0.	WS	-0.8578	-0.6241	-0.1013
512	0.9	WS	-0.8578	-0.6733	-0.1013
512	0.9	WS	-1.0581	-0.9941	0.0069
512	1.7	WS	-1.0581	-1.0378	0.0069
512	3.4	WS	-1.0581	-1.1306	0.0069
513	0.	DEAD	-2.318	0.0293	-0.7208
513	0.9	DEAD	-2.5126	0.0293	-0.7208
513	0.9	DEAD	-2.5696	-0.1846	-0.1659
513	1.7	DEAD	-2.7426	-0.1846	-0.1659
513	3.4	DEAD	-3.1102	-0.1846	-0.1659
513	0.	LIVE	-0.6127	-0.0174	-0.2087
513	0.9	LIVE	-0.6127	-0.0174	-0.2087
513	0.9	LIVE	-0.6102	-0.0582	-0.0474
513	1.7	LIVE	-0.6102	-0.0582	-0.0474
513	3.4	LIVE	-0.6102	-0.0582	-0.0474
513	0.	WB	0.0972	-0.3544	-0.0676
513	0.9	WB	0.0972	-0.4035	-0.0676
513	0.9	WB	0.21	-0.6341	-0.0386
513	1.7	WB	0.21	-0.6778	-0.0386
513	3.4	WB	0.21	-0.7706	-0.0386
513	0.	WS	0.7624	-0.5768	0.1099
513	0.9	WS	0.7624	-0.626	0.1099
513	0.9	WS	0.9409	-0.9856	-0.0042
513	1.7	WS	0.9409	-1.0292	-0.0042

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
513	3.4	WS	0.9409	-1.1221	-0.0042
515	0.	DEAD	-1.1237	-0.3538	-0.3715
515	0.9	DEAD	-1.3183	-0.3538	-0.3715
515	0.9	DEAD	-1.3742	-0.1435	-0.3696
515	1.7	DEAD	-1.5472	-0.1435	-0.3696
515	3.4	DEAD	-1.9148	-0.1435	-0.3696
515	0.	LIVE	-0.2456	-0.1005	-0.1038
515	0.9	LIVE	-0.2456	-0.1005	-0.1038
515	0.9	LIVE	-0.2422	-0.0423	-0.1036
515	1.7	LIVE	-0.2422	-0.0423	-0.1036
515	3.4	LIVE	-0.2422	-0.0423	-0.1036
515	0.	WB	0.0215	-0.9662	-0.0242
515	0.9	WB	0.0215	-1.0153	-0.0242
515	0.9	WB	0.0372	-0.6918	-0.0234
515	1.7	WB	0.0372	-0.7355	-0.0234
515	3.4	WB	0.0372	-0.8283	-0.0234
515	0.	WS	0.0423	-1.5668	-0.0044
515	0.9	WS	0.0423	-1.6159	-0.0044
515	0.9	WS	0.0663	-1.0904	-0.0023
515	1.7	WS	0.0663	-1.134	-0.0023
515	3.4	WS	0.0663	-1.2269	-0.0023
517	0.	DEAD	11.8655	7.4683	0.0495
517	0.425	DEAD	11.8655	7.4941	0.0495
517	0.85	DEAD	11.8655	7.5199	0.0495
517	0.85	DEAD	13.4335	-0.0988	-9.764E-05
517	1.32791	DEAD	13.4335	-0.0697	-9.764E-05
517	1.80583	DEAD	13.4335	-0.0407	-9.764E-05
517	2.28374	DEAD	13.4335	-0.0116	-9.764E-05
517	2.76165	DEAD	13.4334	0.0174	-9.764E-05
517	3.23957	DEAD	13.4334	0.0465	-9.764E-05
517	3.71748	DEAD	13.4334	0.0755	-9.764E-05
517	4.19539	DEAD	13.4334	0.1046	-9.764E-05
517	4.6733	DEAD	13.4334	0.1336	-9.764E-05
517	5.15122	DEAD	13.4334	0.1627	-9.764E-05
517	5.62913	DEAD	13.4334	0.1917	-9.764E-05
517	6.10704	DEAD	13.4333	0.2208	-9.764E-05
517	6.58496	DEAD	13.4333	0.2498	-9.764E-05
517	7.06287	DEAD	13.4333	0.2789	-9.764E-05
517	7.54078	DEAD	13.4333	0.3079	-9.764E-05
517	8.0187	DEAD	13.4333	0.3369	-9.764E-05
517	8.49661	DEAD	13.4333	0.366	-9.764E-05
517	8.49661	DEAD	11.886	-7.6782	-0.0951
517	8.94661	DEAD	11.886	-7.6508	-0.0951
517	9.39661	DEAD	11.886	-7.6235	-0.0951
517	9.84661	DEAD	11.886	-7.5961	-0.0951
517	0.	LIVE	3.4892	2.2677	0.0158
517	0.425	LIVE	3.4892	2.2677	0.0158
517	0.85	LIVE	3.4892	2.2677	0.0158
517	0.85	LIVE	3.9903	0.0397	-1.830E-06
517	1.32791	LIVE	3.9903	0.0397	-1.830E-06
517	1.80583	LIVE	3.9903	0.0397	-1.830E-06
517	2.28374	LIVE	3.9903	0.0397	-1.830E-06
517	2.76165	LIVE	3.9903	0.0397	-1.830E-06
517	3.23957	LIVE	3.9903	0.0397	-1.830E-06

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
517	3.71748	LIVE	3.9903	0.0397	-1.830E-06
517	4.19539	LIVE	3.9903	0.0397	-1.830E-06
517	4.6733	LIVE	3.9903	0.0397	-1.830E-06
517	5.15122	LIVE	3.9903	0.0397	-1.830E-06
517	5.62913	LIVE	3.9903	0.0397	-1.830E-06
517	6.10704	LIVE	3.9903	0.0397	-1.830E-06
517	6.58496	LIVE	3.9903	0.0397	-1.830E-06
517	7.06287	LIVE	3.9903	0.0397	-1.830E-06
517	7.54078	LIVE	3.9903	0.0397	-1.830E-06
517	8.0187	LIVE	3.9903	0.0397	-1.830E-06
517	8.49661	LIVE	3.9903	0.0397	-1.830E-06
517	8.49661	LIVE	3.4961	-2.2956	-0.0292
517	8.94661	LIVE	3.4961	-2.2956	-0.0292
517	9.39661	LIVE	3.4961	-2.2956	-0.0292
517	9.84661	LIVE	3.4961	-2.2956	-0.0292
517	0.	WB	0.4374	1.3005	-0.0076
517	0.425	WB	0.4374	1.3005	-0.0076
517	0.85	WB	0.4374	1.3005	-0.0076
517	0.85	WB	1.5764	0.2906	-0.0077
517	1.32791	WB	1.5764	0.2906	-0.0077
517	1.80583	WB	1.5764	0.2906	-0.0077
517	2.28374	WB	1.5764	0.2906	-0.0077
517	2.76165	WB	1.5764	0.2906	-0.0077
517	3.23957	WB	1.5764	0.2906	-0.0077
517	3.71748	WB	1.5764	0.2906	-0.0077
517	4.19539	WB	1.5764	0.2906	-0.0077
517	4.6733	WB	1.5764	0.2906	-0.0077
517	5.15122	WB	1.5764	0.2906	-0.0077
517	5.62913	WB	1.5764	0.2906	-0.0077
517	6.10704	WB	1.5764	0.2906	-0.0077
517	6.58496	WB	1.5764	0.2906	-0.0077
517	7.06287	WB	1.5764	0.2906	-0.0077
517	7.54078	WB	1.5764	0.2906	-0.0077
517	8.0187	WB	1.5764	0.2906	-0.0077
517	8.49661	WB	1.5764	0.2906	-0.0077
517	8.49661	WB	2.0334	-0.355	-0.0209
517	8.94661	WB	2.0334	-0.355	-0.0209
517	9.39661	WB	2.0334	-0.355	-0.0209
517	9.84661	WB	2.0334	-0.355	-0.0209
517	0.	WS	-1.1721	-0.1939	-0.0492
517	0.425	WS	-1.1721	-0.1939	-0.0492
517	0.85	WS	-1.1721	-0.1939	-0.0492
517	0.85	WS	0.6227	0.5053	-0.013
517	1.32791	WS	0.6227	0.5053	-0.013
517	1.80583	WS	0.6227	0.5053	-0.013
517	2.28374	WS	0.6227	0.5053	-0.013
517	2.76165	WS	0.6227	0.5053	-0.013
517	3.23957	WS	0.6227	0.5053	-0.013
517	3.71748	WS	0.6227	0.5053	-0.013
517	4.19539	WS	0.6227	0.5053	-0.013
517	4.6733	WS	0.6227	0.5053	-0.013
517	5.15122	WS	0.6227	0.5053	-0.013
517	5.62913	WS	0.6227	0.5053	-0.013
517	6.10704	WS	0.6227	0.5053	-0.013

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
517	6.58496	WS	0.6227	0.5053	-0.013
517	7.06287	WS	0.6227	0.5053	-0.013
517	7.54078	WS	0.6227	0.5053	-0.013
517	8.0187	WS	0.6227	0.5053	-0.013
517	8.49661	WS	0.6227	0.5053	-0.013
517	8.49661	WS	1.902	-0.2124	-0.0365
517	8.94661	WS	1.902	-0.2124	-0.0365
517	9.39661	WS	1.902	-0.2124	-0.0365
517	9.84661	WS	1.902	-0.2124	-0.0365
518	0.	DEAD	-5.6167	-0.8769	-0.4197
518	0.9	DEAD	-5.8113	-0.8769	-0.4197
518	0.9	DEAD	-5.9243	-0.8753	-0.2078
518	1.7	DEAD	-6.0973	-0.8753	-0.2078
518	3.4	DEAD	-6.4649	-0.8753	-0.2078
518	0.	LIVE	-1.5858	-0.2912	-0.0997
518	0.9	LIVE	-1.5858	-0.2912	-0.0997
518	0.9	LIVE	-1.5821	-0.29	-0.0489
518	1.7	LIVE	-1.5821	-0.29	-0.0489
518	3.4	LIVE	-1.5821	-0.29	-0.0489
518	0.	WB	-0.9048	-0.4827	-0.0587
518	0.9	WB	-0.9048	-0.5318	-0.0587
518	0.9	WB	-0.9091	-0.8238	-0.0111
518	1.7	WB	-0.9091	-0.8674	-0.0111
518	3.4	WB	-0.9091	-0.9602	-0.0111
518	0.	WS	0.2386	-0.7283	0.0262
518	0.9	WS	0.2386	-0.7775	0.0262
518	0.9	WS	0.2298	-1.0638	0.0309
518	1.7	WS	0.2298	-1.1075	0.0309
518	3.4	WS	0.2298	-1.2003	0.0309
519	0.	DEAD	-5.3463	1.2359	-0.3894
519	0.9	DEAD	-5.5409	1.2359	-0.3894
519	0.9	DEAD	-5.6014	1.2161	-0.1856
519	1.7	DEAD	-5.7744	1.2161	-0.1856
519	3.4	DEAD	-6.1421	1.2161	-0.1856
519	0.	LIVE	-1.4927	0.3985	-0.1101
519	0.9	LIVE	-1.4927	0.3985	-0.1101
519	0.9	LIVE	-1.4879	0.3919	-0.0525
519	1.7	LIVE	-1.4879	0.3919	-0.0525
519	3.4	LIVE	-1.4879	0.3919	-0.0525
519	0.	WB	-0.246	-0.3639	-0.0444
519	0.9	WB	-0.246	-0.413	-0.0444
519	0.9	WB	-0.2418	-0.5921	-0.009
519	1.7	WB	-0.2418	-0.6358	-0.009
519	3.4	WB	-0.2418	-0.7286	-0.009
519	0.	WS	-0.1825	-0.8047	-0.0319
519	0.9	WS	-0.1825	-0.8538	-0.0319
519	0.9	WS	-0.1772	-1.0348	-0.0119
519	1.7	WS	-0.1772	-1.0785	-0.0119
519	3.4	WS	-0.1772	-1.1713	-0.0119
521	0.	DEAD	-7.7458	-1.4746	0.0012
521	1.56657	DEAD	-8.0846	-1.4704	0.0012
521	3.13314	DEAD	-8.4233	-1.4662	0.0012
521	0.	LIVE	-2.2383	-0.4743	0.0016
521	1.56657	LIVE	-2.2383	-0.4743	0.0016

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
521	3.13314	LIVE	-2.2383	-0.4743	0.0016
521	0.	WB	-1.0315	-1.3358	0.0093
521	1.56657	WB	-1.0315	-1.4213	0.0093
521	3.13314	WB	-1.0315	-1.5068	0.0093
521	0.	WS	0.67	-2.0005	0.0094
521	1.56657	WS	0.67	-2.086	0.0094
521	3.13314	WS	0.67	-2.1715	0.0094
522	0.	DEAD	-7.783	-1.5133	-0.0082
522	0.9	DEAD	-7.9776	-1.5133	-0.0082
522	0.9	DEAD	-8.117	-1.5032	0.0752
522	1.7	DEAD	-8.29	-1.5032	0.0752
522	3.4	DEAD	-8.6576	-1.5032	0.0752
522	0.	LIVE	-2.2473	-0.4846	-0.0199
522	0.9	LIVE	-2.2473	-0.4846	-0.0199
522	0.9	LIVE	-2.2464	-0.4816	0.0117
522	1.7	LIVE	-2.2464	-0.4816	0.0117
522	3.4	LIVE	-2.2464	-0.4816	0.0117
522	0.	WB	-1.0209	-0.9976	0.0053
522	0.9	WB	-1.0209	-1.0467	0.0053
522	0.9	WB	-1.0218	-1.3606	-0.006
522	1.7	WB	-1.0218	-1.4043	-0.006
522	3.4	WB	-1.0218	-1.4971	-0.006
522	0.	WS	0.6998	-1.5712	0.0203
522	0.9	WS	0.6998	-1.6204	0.0203
522	0.9	WS	0.698	-1.9245	-0.0152
522	1.7	WS	0.698	-1.9682	-0.0152
522	3.4	WS	0.698	-2.061	-0.0152
523	0.	DEAD	-7.8163	1.6913	-0.1137
523	0.9	DEAD	-8.0109	1.6913	-0.1137
523	0.9	DEAD	-8.1014	1.697	0.0686
523	1.7	DEAD	-8.2744	1.697	0.0686
523	3.4	DEAD	-8.642	1.697	0.0686
523	0.	LIVE	-2.2461	0.5395	-0.0338
523	0.9	LIVE	-2.2461	0.5395	-0.0338
523	0.9	LIVE	-2.2451	0.5412	0.0205
523	1.7	LIVE	-2.2451	0.5412	0.0205
523	3.4	LIVE	-2.2451	0.5412	0.0205
523	0.	WB	-0.6063	-0.7696	0.0083
523	0.9	WB	-0.6063	-0.8188	0.0083
523	0.9	WB	-0.6053	-1.0188	-3.882E-04
523	1.7	WB	-0.6053	-1.0624	-3.882E-04
523	3.4	WB	-0.6053	-1.1552	-3.882E-04
523	0.	WS	-0.6615	-1.6113	0.0151
523	0.9	WS	-0.6615	-1.6605	0.0151
523	0.9	WS	-0.6602	-1.8507	7.477E-04
523	1.7	WS	-0.6602	-1.8943	7.477E-04
523	3.4	WS	-0.6602	-1.9872	7.477E-04
524	0.	DEAD	-5.5199	1.2654	0.4497
524	0.9	DEAD	-5.7145	1.2654	0.4497
524	0.9	DEAD	-5.7732	1.2395	0.2107
524	1.7	DEAD	-5.9462	1.2395	0.2107
524	3.4	DEAD	-6.3138	1.2395	0.2107
524	0.	LIVE	-1.5115	0.3972	0.1322
524	0.9	LIVE	-1.5115	0.3972	0.1322

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
524	0.9	LIVE	-1.5058	0.3892	0.0604
524	1.7	LIVE	-1.5058	0.3892	0.0604
524	3.4	LIVE	-1.5058	0.3892	0.0604
524	0.	WB	-0.2624	-0.3467	0.0411
524	0.9	WB	-0.2624	-0.3958	0.0411
524	0.9	WB	-0.2591	-0.5799	0.0037
524	1.7	WB	-0.2591	-0.6235	0.0037
524	3.4	WB	-0.2591	-0.7163	0.0037
524	0.	WS	-0.2012	-0.7966	0.0294
524	0.9	WS	-0.2012	-0.8458	0.0294
524	0.9	WS	-0.1969	-1.0317	0.0062
524	1.7	WS	-0.1969	-1.0754	0.0062
524	3.4	WS	-0.1969	-1.1682	0.0062
525	0.	DEAD	-5.7047	-0.9207	0.42
525	0.9	DEAD	-5.8993	-0.9207	0.42
525	0.9	DEAD	-5.9622	-0.9205	0.1685
525	1.7	DEAD	-6.1352	-0.9205	0.1685
525	3.4	DEAD	-6.5028	-0.9205	0.1685
525	0.	LIVE	-1.5541	-0.2957	0.1313
525	0.9	LIVE	-1.5541	-0.2957	0.1313
525	0.9	LIVE	-1.5499	-0.2955	0.0462
525	1.7	LIVE	-1.5499	-0.2955	0.0462
525	3.4	LIVE	-1.5499	-0.2955	0.0462
525	0.	WB	-0.9279	-0.5522	0.0611
525	0.9	WB	-0.9279	-0.6013	0.0611
525	0.9	WB	-0.9302	-0.778	0.0257
525	1.7	WB	-0.9302	-0.8217	0.0257
525	3.4	WB	-0.9302	-0.9145	0.0257
525	0.	WS	0.22	-0.8	-0.0356
525	0.9	WS	0.22	-0.8491	-0.0356
525	0.9	WS	0.2137	-1.028	-0.0126
525	1.7	WS	0.2137	-1.0716	-0.0126
525	3.4	WS	0.2137	-1.1644	-0.0126
526	0.	DEAD	0.2405	-0.6275	-0.0041
526	0.48636	DEAD	0.2405	-0.5139	-0.0041
526	0.97273	DEAD	0.2405	-0.4002	-0.0041
526	1.45909	DEAD	0.2405	-0.2866	-0.0041
526	1.94545	DEAD	0.2405	-0.1729	-0.0041
526	2.43182	DEAD	0.2405	-0.0593	-0.0041
526	2.91818	DEAD	0.2405	0.0543	-0.0041
526	3.40455	DEAD	0.2405	0.168	-0.0041
526	3.89091	DEAD	0.2405	0.2816	-0.0041
526	4.37727	DEAD	0.2405	0.3953	-0.0041
526	4.86364	DEAD	0.2405	0.5089	-0.0041
526	5.35	DEAD	0.2405	0.6226	-0.0041
526	0.	LIVE	0.0631	-0.2013	-0.0013
526	0.48636	LIVE	0.0631	-0.1648	-0.0013
526	0.97273	LIVE	0.0631	-0.1283	-0.0013
526	1.45909	LIVE	0.0631	-0.0918	-0.0013
526	1.94545	LIVE	0.0631	-0.0554	-0.0013
526	2.43182	LIVE	0.0631	-0.0189	-0.0013
526	2.91818	LIVE	0.0631	0.0176	-0.0013
526	3.40455	LIVE	0.0631	0.0541	-0.0013
526	3.89091	LIVE	0.0631	0.0906	-0.0013

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
526	4.37727	LIVE	0.0631	0.127	-0.0013
526	4.86364	LIVE	0.0631	0.1635	-0.0013
526	5.35	LIVE	0.0631	0.2	-0.0013
526	0.	WB	0.2514	0.0049	0.0719
526	0.48636	WB	0.2514	0.0049	0.0577
526	0.97273	WB	0.2514	0.0049	0.0436
526	1.45909	WB	0.2514	0.0049	0.0294
526	1.94545	WB	0.2514	0.0049	0.0153
526	2.43182	WB	0.2514	0.0049	0.0011
526	2.91818	WB	0.2514	0.0049	-0.0131
526	3.40455	WB	0.2514	0.0049	-0.0272
526	3.89091	WB	0.2514	0.0049	-0.0414
526	4.37727	WB	0.2514	0.0049	-0.0556
526	4.86364	WB	0.2514	0.0049	-0.0697
526	5.35	WB	0.2514	0.0049	-0.0839
526	0.	WS	0.4435	0.0076	0.2285
526	0.48636	WS	0.4435	0.0076	0.1852
526	0.97273	WS	0.4435	0.0076	0.1419
526	1.45909	WS	0.4435	0.0076	0.0985
526	1.94545	WS	0.4435	0.0076	0.0552
526	2.43182	WS	0.4435	0.0076	0.0118
526	2.91818	WS	0.4435	0.0076	-0.0315
526	3.40455	WS	0.4435	0.0076	-0.0749
526	3.89091	WS	0.4435	0.0076	-0.1182
526	4.37727	WS	0.4435	0.0076	-0.1615
526	4.86364	WS	0.4435	0.0076	-0.2049
526	5.35	WS	0.4435	0.0076	-0.2482
529	0.	DEAD	-1.1831	-0.7521	-0.0511
529	0.48636	DEAD	-1.1831	-0.6278	-0.0511
529	0.97273	DEAD	-1.1831	-0.5035	-0.0511
529	1.45909	DEAD	-1.1831	-0.3791	-0.0511
529	1.94545	DEAD	-1.1831	-0.2548	-0.0511
529	2.43182	DEAD	-1.1831	-0.1305	-0.0511
529	2.91818	DEAD	-1.1831	-0.0062	-0.0511
529	3.40455	DEAD	-1.1831	0.1181	-0.0511
529	3.89091	DEAD	-1.1831	0.2425	-0.0511
529	4.37727	DEAD	-1.1831	0.3668	-0.0511
529	4.86364	DEAD	-1.1831	0.4911	-0.0511
529	5.35	DEAD	-1.1831	0.6154	-0.0511
529	0.	LIVE	-0.2962	-0.2211	-0.0169
529	0.48636	LIVE	-0.2962	-0.1846	-0.0169
529	0.97273	LIVE	-0.2962	-0.1482	-0.0169
529	1.45909	LIVE	-0.2962	-0.1117	-0.0169
529	1.94545	LIVE	-0.2962	-0.0752	-0.0169
529	2.43182	LIVE	-0.2962	-0.0387	-0.0169
529	2.91818	LIVE	-0.2962	-0.0023	-0.0169
529	3.40455	LIVE	-0.2962	0.0342	-0.0169
529	3.89091	LIVE	-0.2962	0.0707	-0.0169
529	4.37727	LIVE	-0.2962	0.1072	-0.0169
529	4.86364	LIVE	-0.2962	0.1436	-0.0169
529	5.35	LIVE	-0.2962	0.1801	-0.0169
529	0.	WB	-0.1625	0.0049	0.0491
529	0.48636	WB	-0.1625	0.0049	0.0314
529	0.97273	WB	-0.1625	0.0049	0.0137

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
529	1.45909	WB	-0.1625	0.0049	-0.004
529	1.94545	WB	-0.1625	0.0049	-0.0217
529	2.43182	WB	-0.1625	0.0049	-0.0394
529	2.91818	WB	-0.1625	0.0049	-0.0571
529	3.40455	WB	-0.1625	0.0049	-0.0748
529	3.89091	WB	-0.1625	0.0049	-0.0925
529	4.37727	WB	-0.1625	0.0049	-0.1102
529	4.86364	WB	-0.1625	0.0049	-0.1279
529	5.35	WB	-0.1625	0.0049	-0.1456
529	0.	WS	-0.2471	0.0162	0.1801
529	0.48636	WS	-0.2471	0.0162	0.1332
529	0.97273	WS	-0.2471	0.0162	0.0863
529	1.45909	WS	-0.2471	0.0162	0.0394
529	1.94545	WS	-0.2471	0.0162	-0.0075
529	2.43182	WS	-0.2471	0.0162	-0.0544
529	2.91818	WS	-0.2471	0.0162	-0.1012
529	3.40455	WS	-0.2471	0.0162	-0.1481
529	3.89091	WS	-0.2471	0.0162	-0.195
529	4.37727	WS	-0.2471	0.0162	-0.2419
529	4.86364	WS	-0.2471	0.0162	-0.2888
529	5.35	WS	-0.2471	0.0162	-0.3357
532	0.	DEAD	-2.265	-0.7545	-0.0244
532	0.48636	DEAD	-2.265	-0.6302	-0.0244
532	0.97273	DEAD	-2.265	-0.5059	-0.0244
532	1.45909	DEAD	-2.265	-0.3816	-0.0244
532	1.94545	DEAD	-2.265	-0.2572	-0.0244
532	2.43182	DEAD	-2.265	-0.1329	-0.0244
532	2.91818	DEAD	-2.265	-0.0086	-0.0244
532	3.40455	DEAD	-2.265	0.1157	-0.0244
532	3.89091	DEAD	-2.265	0.24	-0.0244
532	4.37727	DEAD	-2.265	0.3644	-0.0244
532	4.86364	DEAD	-2.265	0.4887	-0.0244
532	5.35	DEAD	-2.265	0.613	-0.0244
532	0.	LIVE	-0.6828	-0.2217	-0.0074
532	0.48636	LIVE	-0.6828	-0.1853	-0.0074
532	0.97273	LIVE	-0.6828	-0.1488	-0.0074
532	1.45909	LIVE	-0.6828	-0.1123	-0.0074
532	1.94545	LIVE	-0.6828	-0.0758	-0.0074
532	2.43182	LIVE	-0.6828	-0.0393	-0.0074
532	2.91818	LIVE	-0.6828	-0.0029	-0.0074
532	3.40455	LIVE	-0.6828	0.0336	-0.0074
532	3.89091	LIVE	-0.6828	0.0701	-0.0074
532	4.37727	LIVE	-0.6828	0.1066	-0.0074
532	4.86364	LIVE	-0.6828	0.143	-0.0074
532	5.35	LIVE	-0.6828	0.1795	-0.0074
532	0.	WB	-0.2221	-0.004	0.0525
532	0.48636	WB	-0.2221	-0.004	0.0348
532	0.97273	WB	-0.2221	-0.004	0.0171
532	1.45909	WB	-0.2221	-0.004	-6.106E-04
532	1.94545	WB	-0.2221	-0.004	-0.0183
532	2.43182	WB	-0.2221	-0.004	-0.036
532	2.91818	WB	-0.2221	-0.004	-0.0537
532	3.40455	WB	-0.2221	-0.004	-0.0714
532	3.89091	WB	-0.2221	-0.004	-0.0891

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
532	4.37727	WB	-0.2221	-0.004	-0.1068
532	4.86364	WB	-0.2221	-0.004	-0.1245
532	5.35	WB	-0.2221	-0.004	-0.1422
532	0.	WS	-0.114	0.0041	0.0167
532	0.48636	WS	-0.114	0.0041	-9.612E-04
532	0.97273	WS	-0.114	0.0041	-0.0187
532	1.45909	WS	-0.114	0.0041	-0.0364
532	1.94545	WS	-0.114	0.0041	-0.0541
532	2.43182	WS	-0.114	0.0041	-0.0718
532	2.91818	WS	-0.114	0.0041	-0.0895
532	3.40455	WS	-0.114	0.0041	-0.1072
532	3.89091	WS	-0.114	0.0041	-0.1249
532	4.37727	WS	-0.114	0.0041	-0.1426
532	4.86364	WS	-0.114	0.0041	-0.1603
532	5.35	WS	-0.114	0.0041	-0.178
535	0.	DEAD	-1.0929	-0.7682	0.0106
535	0.48636	DEAD	-1.0929	-0.6439	0.0106
535	0.97273	DEAD	-1.0929	-0.5196	0.0106
535	1.45909	DEAD	-1.0929	-0.3953	0.0106
535	1.94545	DEAD	-1.0929	-0.271	0.0106
535	2.43182	DEAD	-1.0929	-0.1466	0.0106
535	2.91818	DEAD	-1.0929	-0.0223	0.0106
535	3.40455	DEAD	-1.0929	0.102	0.0106
535	3.89091	DEAD	-1.0929	0.2263	0.0106
535	4.37727	DEAD	-1.0929	0.3506	0.0106
535	4.86364	DEAD	-1.0929	0.475	0.0106
535	5.35	DEAD	-1.0929	0.5993	0.0106
535	0.	LIVE	-0.264	-0.2252	0.0039
535	0.48636	LIVE	-0.264	-0.1887	0.0039
535	0.97273	LIVE	-0.264	-0.1522	0.0039
535	1.45909	LIVE	-0.264	-0.1157	0.0039
535	1.94545	LIVE	-0.264	-0.0793	0.0039
535	2.43182	LIVE	-0.264	-0.0428	0.0039
535	2.91818	LIVE	-0.264	-0.0063	0.0039
535	3.40455	LIVE	-0.264	0.0302	0.0039
535	3.89091	LIVE	-0.264	0.0666	0.0039
535	4.37727	LIVE	-0.264	0.1031	0.0039
535	4.86364	LIVE	-0.264	0.1396	0.0039
535	5.35	LIVE	-0.264	0.1761	0.0039
535	0.	WB	-0.0044	-0.1815	0.0556
535	0.48636	WB	-0.0044	-0.1523	0.0379
535	0.97273	WB	-0.0044	-0.1231	0.0202
535	1.45909	WB	-0.0044	-0.0939	0.0025
535	1.94545	WB	-0.0044	-0.0647	-0.0152
535	2.43182	WB	-0.0044	-0.0355	-0.0329
535	2.91818	WB	-0.0044	-0.0064	-0.0506
535	3.40455	WB	-0.0044	0.0228	-0.0683
535	3.89091	WB	-0.0044	0.052	-0.086
535	4.37727	WB	-0.0044	0.0812	-0.1037
535	4.86364	WB	-0.0044	0.1104	-0.1214
535	5.35	WB	-0.0044	0.1395	-0.1391
535	0.	WS	0.17	-0.0082	0.0166
535	0.48636	WS	0.17	-0.0082	-0.0011
535	0.97273	WS	0.17	-0.0082	-0.0188

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
535	1.45909	WS	0.17	-0.0082	-0.0365
535	1.94545	WS	0.17	-0.0082	-0.0543
535	2.43182	WS	0.17	-0.0082	-0.072
535	2.91818	WS	0.17	-0.0082	-0.0897
535	3.40455	WS	0.17	-0.0082	-0.1074
535	3.89091	WS	0.17	-0.0082	-0.1251
535	4.37727	WS	0.17	-0.0082	-0.1428
535	4.86364	WS	0.17	-0.0082	-0.1605
535	5.35	WS	0.17	-0.0082	-0.1782
538	0.	DEAD	-0.1481	-0.6427	0.0048
538	0.48636	DEAD	-0.1481	-0.5291	0.0048
538	0.97273	DEAD	-0.1481	-0.4154	0.0048
538	1.45909	DEAD	-0.1481	-0.3018	0.0048
538	1.94545	DEAD	-0.1481	-0.1881	0.0048
538	2.43182	DEAD	-0.1481	-0.0745	0.0048
538	2.91818	DEAD	-0.1481	0.0392	0.0048
538	3.40455	DEAD	-0.1481	0.1528	0.0048
538	3.89091	DEAD	-0.1481	0.2664	0.0048
538	4.37727	DEAD	-0.1481	0.3801	0.0048
538	4.86364	DEAD	-0.1481	0.4937	0.0048
538	5.35	DEAD	-0.1481	0.6074	0.0048
538	0.	LIVE	-0.035	-0.2064	0.0015
538	0.48636	LIVE	-0.035	-0.1699	0.0015
538	0.97273	LIVE	-0.035	-0.1334	0.0015
538	1.45909	LIVE	-0.035	-0.0969	0.0015
538	1.94545	LIVE	-0.035	-0.0605	0.0015
538	2.43182	LIVE	-0.035	-0.024	0.0015
538	2.91818	LIVE	-0.035	0.0125	0.0015
538	3.40455	LIVE	-0.035	0.049	0.0015
538	3.89091	LIVE	-0.035	0.0855	0.0015
538	4.37727	LIVE	-0.035	0.1219	0.0015
538	4.86364	LIVE	-0.035	0.1584	0.0015
538	5.35	LIVE	-0.035	0.1949	0.0015
538	0.	WB	-0.0287	-0.1658	0.0717
538	0.48636	WB	-0.0287	-0.1367	0.0576
538	0.97273	WB	-0.0287	-0.1075	0.0434
538	1.45909	WB	-0.0287	-0.0783	0.0292
538	1.94545	WB	-0.0287	-0.0491	0.0151
538	2.43182	WB	-0.0287	-0.0199	9.254E-04
538	2.91818	WB	-0.0287	0.0092	-0.0132
538	3.40455	WB	-0.0287	0.0384	-0.0274
538	3.89091	WB	-0.0287	0.0676	-0.0416
538	4.37727	WB	-0.0287	0.0968	-0.0557
538	4.86364	WB	-0.0287	0.126	-0.0699
538	5.35	WB	-0.0287	0.1552	-0.084
538	0.	WS	7.100E-04	-0.0031	0.0652
538	0.48636	WS	7.100E-04	-0.0031	0.051
538	0.97273	WS	7.100E-04	-0.0031	0.0369
538	1.45909	WS	7.100E-04	-0.0031	0.0227
538	1.94545	WS	7.100E-04	-0.0031	0.0085
538	2.43182	WS	7.100E-04	-0.0031	-0.0056
538	2.91818	WS	7.100E-04	-0.0031	-0.0198
538	3.40455	WS	7.100E-04	-0.0031	-0.0339
538	3.89091	WS	7.100E-04	-0.0031	-0.0481

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
538	4.37727	WS	7.100E-04	-0.0031	-0.0623
538	4.86364	WS	7.100E-04	-0.0031	-0.0764
538	5.35	WS	7.100E-04	-0.0031	-0.0906
541	0.	DEAD	-0.1969	-0.6397	-0.0119
541	0.48636	DEAD	-0.1969	-0.526	-0.0119
541	0.97273	DEAD	-0.1969	-0.4124	-0.0119
541	1.45909	DEAD	-0.1969	-0.2987	-0.0119
541	1.94545	DEAD	-0.1969	-0.1851	-0.0119
541	2.43182	DEAD	-0.1969	-0.0714	-0.0119
541	2.91818	DEAD	-0.1969	0.0422	-0.0119
541	3.40455	DEAD	-0.1969	0.1558	-0.0119
541	3.89091	DEAD	-0.1969	0.2695	-0.0119
541	4.37727	DEAD	-0.1969	0.3831	-0.0119
541	4.86364	DEAD	-0.1969	0.4968	-0.0119
541	5.35	DEAD	-0.1969	0.6104	-0.0119
541	0.	LIVE	-0.0496	-0.2052	-0.0037
541	0.48636	LIVE	-0.0496	-0.1687	-0.0037
541	0.97273	LIVE	-0.0496	-0.1322	-0.0037
541	1.45909	LIVE	-0.0496	-0.0957	-0.0037
541	1.94545	LIVE	-0.0496	-0.0593	-0.0037
541	2.43182	LIVE	-0.0496	-0.0228	-0.0037
541	2.91818	LIVE	-0.0496	0.0137	-0.0037
541	3.40455	LIVE	-0.0496	0.0502	-0.0037
541	3.89091	LIVE	-0.0496	0.0866	-0.0037
541	4.37727	LIVE	-0.0496	0.1231	-0.0037
541	4.86364	LIVE	-0.0496	0.1596	-0.0037
541	5.35	LIVE	-0.0496	0.1961	-0.0037
541	0.	WB	-0.0058	0.0021	0.0699
541	0.48636	WB	-0.0058	0.0021	0.0558
541	0.97273	WB	-0.0058	0.0021	0.0416
541	1.45909	WB	-0.0058	0.0021	0.0275
541	1.94545	WB	-0.0058	0.0021	0.0133
541	2.43182	WB	-0.0058	0.0021	-8.645E-04
541	2.91818	WB	-0.0058	0.0021	-0.015
541	3.40455	WB	-0.0058	0.0021	-0.0292
541	3.89091	WB	-0.0058	0.0021	-0.0433
541	4.37727	WB	-0.0058	0.0021	-0.0575
541	4.86364	WB	-0.0058	0.0021	-0.0717
541	5.35	WB	-0.0058	0.0021	-0.0858
541	0.	WS	-0.0412	0.0052	0.226
541	0.48636	WS	-0.0412	0.0052	0.1827
541	0.97273	WS	-0.0412	0.0052	0.1393
541	1.45909	WS	-0.0412	0.0052	0.096
541	1.94545	WS	-0.0412	0.0052	0.0526
541	2.43182	WS	-0.0412	0.0052	0.0093
541	2.91818	WS	-0.0412	0.0052	-0.0341
541	3.40455	WS	-0.0412	0.0052	-0.0774
541	3.89091	WS	-0.0412	0.0052	-0.1207
541	4.37727	WS	-0.0412	0.0052	-0.1641
541	4.86364	WS	-0.0412	0.0052	-0.2074
541	5.35	WS	-0.0412	0.0052	-0.2508
544	0.	DEAD	0.2247	-0.631	-0.001
544	0.48637	DEAD	0.2246	-0.5174	-0.001
544	0.97273	DEAD	0.2245	-0.4037	-0.001

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
544	1.4591	DEAD	0.2245	-0.2901	-0.001
544	1.94546	DEAD	0.2244	-0.1764	-0.001
544	2.43183	DEAD	0.2243	-0.0628	-0.001
544	2.91819	DEAD	0.2242	0.0509	-0.001
544	3.40456	DEAD	0.2241	0.1645	-0.001
544	3.89092	DEAD	0.224	0.2781	-0.001
544	4.37729	DEAD	0.2239	0.3918	-0.001
544	4.86365	DEAD	0.2239	0.5054	-0.001
544	5.35002	DEAD	0.2238	0.6191	-0.001
544	0.	LIVE	0.0564	-0.2025	-2.327E-04
544	0.48637	LIVE	0.0564	-0.166	-2.327E-04
544	0.97273	LIVE	0.0563	-0.1295	-2.327E-04
544	1.4591	LIVE	0.0563	-0.093	-2.327E-04
544	1.94546	LIVE	0.0563	-0.0565	-2.327E-04
544	2.43183	LIVE	0.0562	-0.0201	-2.327E-04
544	2.91819	LIVE	0.0562	0.0164	-2.327E-04
544	3.40456	LIVE	0.0562	0.0529	-2.327E-04
544	3.89092	LIVE	0.0562	0.0894	-2.327E-04
544	4.37729	LIVE	0.0561	0.1258	-2.327E-04
544	4.86365	LIVE	0.0561	0.1623	-2.327E-04
544	5.35002	LIVE	0.0561	0.1988	-2.327E-04
544	0.	WB	-0.1921	-0.1649	0.0731
544	0.48637	WB	-0.1921	-0.1357	0.059
544	0.97273	WB	-0.1921	-0.1065	0.0448
544	1.4591	WB	-0.1922	-0.0774	0.0306
544	1.94546	WB	-0.1922	-0.0482	0.0165
544	2.43183	WB	-0.1922	-0.019	0.0023
544	2.91819	WB	-0.1922	0.0102	-0.0118
544	3.40456	WB	-0.1923	0.0394	-0.026
544	3.89092	WB	-0.1923	0.0685	-0.0402
544	4.37729	WB	-0.1923	0.0977	-0.0543
544	4.86365	WB	-0.1923	0.1269	-0.0685
544	5.35002	WB	-0.1923	0.1561	-0.0826
544	0.	WS	-0.3019	-0.0045	0.0686
544	0.48637	WS	-0.3019	-0.0045	0.0545
544	0.97273	WS	-0.3019	-0.0045	0.0403
544	1.4591	WS	-0.3019	-0.0045	0.0261
544	1.94546	WS	-0.3019	-0.0045	0.012
544	2.43183	WS	-0.3019	-0.0045	-0.0022
544	2.91819	WS	-0.3019	-0.0045	-0.0163
544	3.40456	WS	-0.3019	-0.0045	-0.0305
544	3.89092	WS	-0.3019	-0.0045	-0.0447
544	4.37729	WS	-0.3019	-0.0045	-0.0588
544	4.86365	WS	-0.3019	-0.0045	-0.073
544	5.35002	WS	-0.3019	-0.0045	-0.0871
547	0.	DEAD	0.0569	-0.6425	-0.0068
547	0.48636	DEAD	0.0569	-0.5289	-0.0068
547	0.97273	DEAD	0.0569	-0.4152	-0.0068
547	1.45909	DEAD	0.0569	-0.3016	-0.0068
547	1.94545	DEAD	0.0569	-0.1879	-0.0068
547	2.43182	DEAD	0.0569	-0.0743	-0.0068
547	2.91818	DEAD	0.0569	0.0394	-0.0068
547	3.40455	DEAD	0.0569	0.153	-0.0068
547	3.89091	DEAD	0.0569	0.2667	-0.0068

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
547	4.37727	DEAD	0.0569	0.3803	-0.0068
547	4.86364	DEAD	0.0569	0.494	-0.0068
547	5.35	DEAD	0.0569	0.6076	-0.0068
547	0.	LIVE	0.0026	-0.206	-0.0023
547	0.48636	LIVE	0.0026	-0.1696	-0.0023
547	0.97273	LIVE	0.0026	-0.1331	-0.0023
547	1.45909	LIVE	0.0026	-0.0966	-0.0023
547	1.94545	LIVE	0.0026	-0.0601	-0.0023
547	2.43182	LIVE	0.0026	-0.0237	-0.0023
547	2.91818	LIVE	0.0026	0.0128	-0.0023
547	3.40455	LIVE	0.0026	0.0493	-0.0023
547	3.89091	LIVE	0.0026	0.0858	-0.0023
547	4.37727	LIVE	0.0026	0.1223	-0.0023
547	4.86364	LIVE	0.0026	0.1587	-0.0023
547	5.35	LIVE	0.0026	0.1952	-0.0023
547	0.	WB	0.2161	0.0026	0.0713
547	0.48636	WB	0.2161	0.0026	0.0571
547	0.97273	WB	0.2161	0.0026	0.043
547	1.45909	WB	0.2161	0.0026	0.0288
547	1.94545	WB	0.2161	0.0026	0.0146
547	2.43182	WB	0.2161	0.0026	4.869E-04
547	2.91818	WB	0.2161	0.0026	-0.0137
547	3.40455	WB	0.2161	0.0026	-0.0278
547	3.89091	WB	0.2161	0.0026	-0.042
547	4.37727	WB	0.2161	0.0026	-0.0562
547	4.86364	WB	0.2161	0.0026	-0.0703
547	5.35	WB	0.2161	0.0026	-0.0845
547	0.	WS	0.3254	0.0051	0.2277
547	0.48636	WS	0.3254	0.0051	0.1844
547	0.97273	WS	0.3254	0.0051	0.141
547	1.45909	WS	0.3254	0.0051	0.0977
547	1.94545	WS	0.3254	0.0051	0.0543
547	2.43182	WS	0.3254	0.0051	0.011
547	2.91818	WS	0.3254	0.0051	-0.0323
547	3.40455	WS	0.3254	0.0051	-0.0757
547	3.89091	WS	0.3254	0.0051	-0.119
547	4.37727	WS	0.3254	0.0051	-0.1624
547	4.86364	WS	0.3254	0.0051	-0.2057
547	5.35	WS	0.3254	0.0051	-0.2491
550	0.	DEAD	-0.0853	-0.6437	-0.0073
550	0.48636	DEAD	-0.0853	-0.5301	-0.0073
550	0.97273	DEAD	-0.0853	-0.4164	-0.0073
550	1.45909	DEAD	-0.0853	-0.3028	-0.0073
550	1.94545	DEAD	-0.0853	-0.1892	-0.0073
550	2.43182	DEAD	-0.0853	-0.0755	-0.0073
550	2.91818	DEAD	-0.0853	0.0381	-0.0073
550	3.40455	DEAD	-0.0853	0.1518	-0.0073
550	3.89091	DEAD	-0.0853	0.2654	-0.0073
550	4.37727	DEAD	-0.0853	0.3791	-0.0073
550	4.86364	DEAD	-0.0853	0.4927	-0.0073
550	5.35	DEAD	-0.0853	0.6064	-0.0073
550	0.	LIVE	-0.0281	-0.2064	-0.0026
550	0.48636	LIVE	-0.0281	-0.1699	-0.0026
550	0.97273	LIVE	-0.0281	-0.1335	-0.0026

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
550	1.45909	LIVE	-0.0281	-0.097	-0.0026
550	1.94545	LIVE	-0.0281	-0.0605	-0.0026
550	2.43182	LIVE	-0.0281	-0.024	-0.0026
550	2.91818	LIVE	-0.0281	0.0124	-0.0026
550	3.40455	LIVE	-0.0281	0.0489	-0.0026
550	3.89091	LIVE	-0.0281	0.0854	-0.0026
550	4.37727	LIVE	-0.0281	0.1219	-0.0026
550	4.86364	LIVE	-0.0281	0.1583	-0.0026
550	5.35	LIVE	-0.0281	0.1948	-0.0026
550	0.	WB	0.1611	0.0015	0.0715
550	0.48636	WB	0.1611	0.0015	0.0574
550	0.97273	WB	0.1611	0.0015	0.0432
550	1.45909	WB	0.1611	0.0015	0.029
550	1.94545	WB	0.1611	0.0015	0.0149
550	2.43182	WB	0.1611	0.0015	7.192E-04
550	2.91818	WB	0.1611	0.0015	-0.0134
550	3.40455	WB	0.1611	0.0015	-0.0276
550	3.89091	WB	0.1611	0.0015	-0.0418
550	4.37727	WB	0.1611	0.0015	-0.0559
550	4.86364	WB	0.1611	0.0015	-0.0701
550	5.35	WB	0.1611	0.0015	-0.0842
550	0.	WS	0.2267	0.004	0.228
550	0.48636	WS	0.2267	0.004	0.1846
550	0.97273	WS	0.2267	0.004	0.1413
550	1.45909	WS	0.2267	0.004	0.0979
550	1.94545	WS	0.2267	0.004	0.0546
550	2.43182	WS	0.2267	0.004	0.0113
550	2.91818	WS	0.2267	0.004	-0.0321
550	3.40455	WS	0.2267	0.004	-0.0754
550	3.89091	WS	0.2267	0.004	-0.1188
550	4.37727	WS	0.2267	0.004	-0.1621
550	4.86364	WS	0.2267	0.004	-0.2055
550	5.35	WS	0.2267	0.004	-0.2488
553	0.	DEAD	-0.1072	-0.6454	0.0019
553	0.48636	DEAD	-0.1072	-0.5318	0.0019
553	0.97273	DEAD	-0.1072	-0.4181	0.0019
553	1.45909	DEAD	-0.1072	-0.3045	0.0019
553	1.94545	DEAD	-0.1072	-0.1908	0.0019
553	2.43182	DEAD	-0.1072	-0.0772	0.0019
553	2.91818	DEAD	-0.1072	0.0365	0.0019
553	3.40455	DEAD	-0.1072	0.1501	0.0019
553	3.89091	DEAD	-0.1072	0.2638	0.0019
553	4.37727	DEAD	-0.1072	0.3774	0.0019
553	4.86364	DEAD	-0.1072	0.4911	0.0019
553	5.35	DEAD	-0.1072	0.6047	0.0019
553	0.	LIVE	-0.0314	-0.2068	8.552E-04
553	0.48636	LIVE	-0.0314	-0.1703	8.552E-04
553	0.97273	LIVE	-0.0314	-0.1338	8.552E-04
553	1.45909	LIVE	-0.0314	-0.0973	8.552E-04
553	1.94545	LIVE	-0.0314	-0.0608	8.552E-04
553	2.43182	LIVE	-0.0314	-0.0244	8.552E-04
553	2.91818	LIVE	-0.0314	0.0121	8.552E-04
553	3.40455	LIVE	-0.0314	0.0486	8.552E-04
553	3.89091	LIVE	-0.0314	0.0851	8.552E-04

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
553	4.37727	LIVE	-0.0314	0.1215	8.552E-04
553	4.86364	LIVE	-0.0314	0.158	8.552E-04
553	5.35	LIVE	-0.0314	0.1945	8.552E-04
553	0.	WB	-0.1095	-0.1663	0.0727
553	0.48636	WB	-0.1095	-0.1372	0.0585
553	0.97273	WB	-0.1095	-0.108	0.0444
553	1.45909	WB	-0.1095	-0.0788	0.0302
553	1.94545	WB	-0.1095	-0.0496	0.016
553	2.43182	WB	-0.1095	-0.0204	0.0019
553	2.91818	WB	-0.1095	0.0088	-0.0123
553	3.40455	WB	-0.1095	0.0379	-0.0264
553	3.89091	WB	-0.1095	0.0671	-0.0406
553	4.37727	WB	-0.1095	0.0963	-0.0548
553	4.86364	WB	-0.1095	0.1255	-0.0689
553	5.35	WB	-0.1095	0.1547	-0.0831
553	0.	WS	-0.1369	-0.0023	0.0671
553	0.48636	WS	-0.1369	-0.0023	0.0529
553	0.97273	WS	-0.1369	-0.0023	0.0387
553	1.45909	WS	-0.1369	-0.0023	0.0246
553	1.94545	WS	-0.1369	-0.0023	0.0104
553	2.43182	WS	-0.1369	-0.0023	-0.0037
553	2.91818	WS	-0.1369	-0.0023	-0.0179
553	3.40455	WS	-0.1369	-0.0023	-0.0321
553	3.89091	WS	-0.1369	-0.0023	-0.0462
553	4.37727	WS	-0.1369	-0.0023	-0.0604
553	4.86364	WS	-0.1369	-0.0023	-0.0746
553	5.35	WS	-0.1369	-0.0023	-0.0887
556	0.	DEAD	0.0711	-0.6071	0.0013
556	0.48636	DEAD	0.0711	-0.4934	0.0013
556	0.97273	DEAD	0.0711	-0.3798	0.0013
556	1.45909	DEAD	0.0711	-0.2662	0.0013
556	1.94545	DEAD	0.0711	-0.1525	0.0013
556	2.43182	DEAD	0.0711	-0.0389	0.0013
556	2.91818	DEAD	0.0711	0.0748	0.0013
556	3.40455	DEAD	0.0711	0.1884	0.0013
556	3.89091	DEAD	0.0711	0.3021	0.0013
556	4.37727	DEAD	0.0711	0.4157	0.0013
556	4.86364	DEAD	0.0711	0.5294	0.0013
556	5.35	DEAD	0.0711	0.643	0.0013
556	0.	LIVE	0.0092	-0.1951	6.273E-04
556	0.48636	LIVE	0.0092	-0.1586	6.273E-04
556	0.97273	LIVE	0.0092	-0.1221	6.273E-04
556	1.45909	LIVE	0.0092	-0.0857	6.273E-04
556	1.94545	LIVE	0.0092	-0.0492	6.273E-04
556	2.43182	LIVE	0.0092	-0.0127	6.273E-04
556	2.91818	LIVE	0.0092	0.0238	6.273E-04
556	3.40455	LIVE	0.0092	0.0603	6.273E-04
556	3.89091	LIVE	0.0092	0.0967	6.273E-04
556	4.37727	LIVE	0.0092	0.1332	6.273E-04
556	4.86364	LIVE	0.0092	0.1697	6.273E-04
556	5.35	LIVE	0.0092	0.2062	6.273E-04
556	0.	WB	-0.135	-0.1545	-0.0828
556	0.48636	WB	-0.135	-0.1253	-0.0686
556	0.97273	WB	-0.135	-0.0962	-0.0545

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
556	1.45909	WB	-0.135	-0.067	-0.0403
556	1.94545	WB	-0.135	-0.0378	-0.0262
556	2.43182	WB	-0.135	-0.0086	-0.012
556	2.91818	WB	-0.135	0.0206	0.0022
556	3.40455	WB	-0.135	0.0497	0.0163
556	3.89091	WB	-0.135	0.0789	0.0305
556	4.37727	WB	-0.135	0.1081	0.0446
556	4.86364	WB	-0.135	0.1373	0.0588
556	5.35	WB	-0.135	0.1665	0.073
556	0.	WS	-0.178	0.0028	-0.0882
556	0.48636	WS	-0.178	0.0028	-0.074
556	0.97273	WS	-0.178	0.0028	-0.0599
556	1.45909	WS	-0.178	0.0028	-0.0457
556	1.94545	WS	-0.178	0.0028	-0.0315
556	2.43182	WS	-0.178	0.0028	-0.0174
556	2.91818	WS	-0.178	0.0028	-0.0032
556	3.40455	WS	-0.178	0.0028	0.011
556	3.89091	WS	-0.178	0.0028	0.0251
556	4.37727	WS	-0.178	0.0028	0.0393
556	4.86364	WS	-0.178	0.0028	0.0534
556	5.35	WS	-0.178	0.0028	0.0676
557	0.	DEAD	-8.8303	1.8846	-0.1367
557	0.47147	DEAD	-8.8344	1.8984	-0.1367
557	0.94295	DEAD	-8.8386	1.9122	-0.1367
557	0.	LIVE	-2.426	0.5668	-0.0411
557	0.47147	LIVE	-2.426	0.5668	-0.0411
557	0.94295	LIVE	-2.426	0.5668	-0.0411
557	0.	WB	-0.7858	0.5954	0.0016
557	0.47147	WB	-0.7858	0.5968	0.0016
557	0.94295	WB	-0.7858	0.5982	0.0016
557	0.	WS	0.2881	0.1228	0.0312
557	0.47147	WS	0.2881	0.1243	0.0312
557	0.94295	WS	0.2881	0.1257	0.0312
558	0.	DEAD	0.9639	0.0024	-0.0201
558	0.44375	DEAD	0.9639	0.0102	-0.0201
558	0.8875	DEAD	0.9639	0.018	-0.0201
558	1.33125	DEAD	0.9639	0.0258	-0.0201
558	1.775	DEAD	0.9639	0.0336	-0.0201
558	2.21875	DEAD	0.9639	0.0414	-0.0201
558	2.6625	DEAD	0.9639	0.0493	-0.0201
558	3.10625	DEAD	0.9639	0.0571	-0.0201
558	3.55	DEAD	0.9639	0.0649	-0.0201
558	0.	LIVE	0.2496	0.0109	-0.0057
558	0.44375	LIVE	0.2496	0.0109	-0.0057
558	0.8875	LIVE	0.2496	0.0109	-0.0057
558	1.33125	LIVE	0.2496	0.0109	-0.0057
558	1.775	LIVE	0.2496	0.0109	-0.0057
558	2.21875	LIVE	0.2496	0.0109	-0.0057
558	2.6625	LIVE	0.2496	0.0109	-0.0057
558	3.10625	LIVE	0.2496	0.0109	-0.0057
558	3.55	LIVE	0.2496	0.0109	-0.0057
558	0.	WB	-0.2423	0.0153	0.0833
558	0.44375	WB	-0.2423	0.0153	0.0655
558	0.8875	WB	-0.2423	0.0153	0.0478

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
558	1.33125	WB	-0.2423	0.0153	0.03
558	1.775	WB	-0.2423	0.0153	0.0122
558	2.21875	WB	-0.2423	0.0153	-0.0055
558	2.6625	WB	-0.2423	0.0153	-0.0233
558	3.10625	WB	-0.2423	0.0153	-0.0411
558	3.55	WB	-0.2423	0.0153	-0.0588
558	0.	WS	-0.5305	0.009	0.1027
558	0.44375	WS	-0.5305	0.009	0.0849
558	0.8875	WS	-0.5305	0.009	0.0671
558	1.33125	WS	-0.5305	0.009	0.0494
558	1.775	WS	-0.5305	0.009	0.0316
558	2.21875	WS	-0.5305	0.009	0.0138
558	2.6625	WS	-0.5305	0.009	-0.0039
558	3.10625	WS	-0.5305	0.009	-0.0217
558	3.55	WS	-0.5305	0.009	-0.0395
559	0.	DEAD	0.6653	-0.0405	1.895E-04
559	0.48182	DEAD	0.6653	-0.032	1.895E-04
559	0.96364	DEAD	0.6653	-0.0235	1.895E-04
559	1.44546	DEAD	0.6653	-0.015	1.895E-04
559	1.92728	DEAD	0.6653	-0.0065	1.895E-04
559	2.4091	DEAD	0.6653	0.002	1.895E-04
559	2.89092	DEAD	0.6653	0.0105	1.895E-04
559	3.37274	DEAD	0.6653	0.0189	1.895E-04
559	3.85456	DEAD	0.6653	0.0274	1.895E-04
559	4.33638	DEAD	0.6653	0.0359	1.895E-04
559	4.8182	DEAD	0.6653	0.0444	1.895E-04
559	5.30002	DEAD	0.6653	0.0529	1.895E-04
559	0.	LIVE	0.1885	0.002	8.085E-05
559	0.48182	LIVE	0.1885	0.002	8.085E-05
559	0.96364	LIVE	0.1885	0.002	8.085E-05
559	1.44546	LIVE	0.1885	0.002	8.085E-05
559	1.92728	LIVE	0.1885	0.002	8.085E-05
559	2.4091	LIVE	0.1885	0.002	8.085E-05
559	2.89092	LIVE	0.1885	0.002	8.085E-05
559	3.37274	LIVE	0.1885	0.002	8.085E-05
559	3.85456	LIVE	0.1885	0.002	8.085E-05
559	4.33638	LIVE	0.1885	0.002	8.085E-05
559	4.8182	LIVE	0.1885	0.002	8.085E-05
559	5.30002	LIVE	0.1885	0.002	8.085E-05
559	0.	WB	-0.059	0.004	0.1177
559	0.48182	WB	-0.059	0.004	0.0984
559	0.96364	WB	-0.059	0.004	0.0791
559	1.44546	WB	-0.059	0.004	0.0599
559	1.92728	WB	-0.059	0.004	0.0406
559	2.4091	WB	-0.059	0.004	0.0213
559	2.89092	WB	-0.059	0.004	0.002
559	3.37274	WB	-0.059	0.004	-0.0173
559	3.85456	WB	-0.059	0.004	-0.0366
559	4.33638	WB	-0.059	0.004	-0.0559
559	4.8182	WB	-0.059	0.004	-0.0752
559	5.30002	WB	-0.059	0.004	-0.0945
559	0.	WS	-0.2427	0.0037	0.1326
559	0.48182	WS	-0.2427	0.0037	0.1133
559	0.96364	WS	-0.2427	0.0037	0.094

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
559	1.44546	WS	-0.2427	0.0037	0.0748
559	1.92728	WS	-0.2427	0.0037	0.0555
559	2.4091	WS	-0.2427	0.0037	0.0362
559	2.89092	WS	-0.2427	0.0037	0.0169
559	3.37274	WS	-0.2427	0.0037	-0.0024
559	3.85456	WS	-0.2427	0.0037	-0.0217
559	4.33638	WS	-0.2427	0.0037	-0.041
559	4.8182	WS	-0.2427	0.0037	-0.0603
559	5.30002	WS	-0.2427	0.0037	-0.0796
560	0.	DEAD	0.6169	-0.0477	0.0049
560	0.48636	DEAD	0.6169	-0.0391	0.0049
560	0.97273	DEAD	0.6169	-0.0305	0.0049
560	1.45909	DEAD	0.6169	-0.022	0.0049
560	1.94545	DEAD	0.6169	-0.0134	0.0049
560	2.43182	DEAD	0.6169	-0.0048	0.0049
560	2.91818	DEAD	0.6169	0.0037	0.0049
560	3.40455	DEAD	0.6169	0.0123	0.0049
560	3.89091	DEAD	0.6169	0.0209	0.0049
560	4.37727	DEAD	0.6169	0.0294	0.0049
560	4.86364	DEAD	0.6169	0.038	0.0049
560	5.35	DEAD	0.6169	0.0466	0.0049
560	0.	LIVE	0.1743	4.305E-05	0.0016
560	0.48636	LIVE	0.1743	4.305E-05	0.0016
560	0.97273	LIVE	0.1743	4.305E-05	0.0016
560	1.45909	LIVE	0.1743	4.305E-05	0.0016
560	1.94545	LIVE	0.1743	4.305E-05	0.0016
560	2.43182	LIVE	0.1743	4.305E-05	0.0016
560	2.91818	LIVE	0.1743	4.305E-05	0.0016
560	3.40455	LIVE	0.1743	4.305E-05	0.0016
560	3.89091	LIVE	0.1743	4.305E-05	0.0016
560	4.37727	LIVE	0.1743	4.305E-05	0.0016
560	4.86364	LIVE	0.1743	4.305E-05	0.0016
560	5.35	LIVE	0.1743	4.305E-05	0.0016
560	0.	WB	-0.0496	-5.048E-05	0.1148
560	0.48636	WB	-0.0496	-5.048E-05	0.0953
560	0.97273	WB	-0.0496	-5.048E-05	0.0758
560	1.45909	WB	-0.0496	-5.048E-05	0.0564
560	1.94545	WB	-0.0496	-5.048E-05	0.0369
560	2.43182	WB	-0.0496	-5.048E-05	0.0174
560	2.91818	WB	-0.0496	-5.048E-05	-0.002
560	3.40455	WB	-0.0496	-5.048E-05	-0.0215
560	3.89091	WB	-0.0496	-5.048E-05	-0.041
560	4.37727	WB	-0.0496	-5.048E-05	-0.0605
560	4.86364	WB	-0.0496	-5.048E-05	-0.0799
560	5.35	WB	-0.0496	-5.048E-05	-0.0994
560	0.	WS	-0.197	-4.802E-04	0.1168
560	0.48636	WS	-0.197	-4.802E-04	0.0973
560	0.97273	WS	-0.197	-4.802E-04	0.0778
560	1.45909	WS	-0.197	-4.802E-04	0.0583
560	1.94545	WS	-0.197	-4.802E-04	0.0389
560	2.43182	WS	-0.197	-4.802E-04	0.0194
560	2.91818	WS	-0.197	-4.802E-04	-8.032E-05
560	3.40455	WS	-0.197	-4.802E-04	-0.0196
560	3.89091	WS	-0.197	-4.802E-04	-0.039

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
560	4.37727	WS	-0.197	-4.802E-04	-0.0585
560	4.86364	WS	-0.197	-4.802E-04	-0.078
560	5.35	WS	-0.197	-4.802E-04	-0.0974
561	0.	DEAD	0.6584	-0.0524	-0.0053
561	0.48637	DEAD	0.6584	-0.0438	-0.0053
561	0.97273	DEAD	0.6584	-0.0353	-0.0053
561	1.4591	DEAD	0.6584	-0.0267	-0.0053
561	1.94546	DEAD	0.6584	-0.0181	-0.0053
561	2.43183	DEAD	0.6584	-0.0096	-0.0053
561	2.91819	DEAD	0.6584	-0.001	-0.0053
561	3.40456	DEAD	0.6584	0.0076	-0.0053
561	3.89092	DEAD	0.6584	0.0161	-0.0053
561	4.37729	DEAD	0.6584	0.0247	-0.0053
561	4.86365	DEAD	0.6584	0.0333	-0.0053
561	5.35002	DEAD	0.6584	0.0418	-0.0053
561	0.	LIVE	0.1716	-0.0015	-0.0015
561	0.48637	LIVE	0.1716	-0.0015	-0.0015
561	0.97273	LIVE	0.1716	-0.0015	-0.0015
561	1.4591	LIVE	0.1716	-0.0015	-0.0015
561	1.94546	LIVE	0.1716	-0.0015	-0.0015
561	2.43183	LIVE	0.1716	-0.0015	-0.0015
561	2.91819	LIVE	0.1716	-0.0015	-0.0015
561	3.40456	LIVE	0.1716	-0.0015	-0.0015
561	3.89092	LIVE	0.1716	-0.0015	-0.0015
561	4.37729	LIVE	0.1716	-0.0015	-0.0015
561	4.86365	LIVE	0.1716	-0.0015	-0.0015
561	5.35002	LIVE	0.1716	-0.0015	-0.0015
561	0.	WB	-0.1438	-0.002	0.0909
561	0.48637	WB	-0.1438	-0.002	0.0715
561	0.97273	WB	-0.1438	-0.002	0.052
561	1.4591	WB	-0.1438	-0.002	0.0325
561	1.94546	WB	-0.1438	-0.002	0.013
561	2.43183	WB	-0.1438	-0.002	-0.0064
561	2.91819	WB	-0.1438	-0.002	-0.0259
561	3.40456	WB	-0.1438	-0.002	-0.0454
561	3.89092	WB	-0.1438	-0.002	-0.0648
561	4.37729	WB	-0.1438	-0.002	-0.0843
561	4.86365	WB	-0.1438	-0.002	-0.1038
561	5.35002	WB	-0.1438	-0.002	-0.1233
561	0.	WS	-0.3142	-9.605E-04	0.0756
561	0.48637	WS	-0.3142	-9.605E-04	0.0561
561	0.97273	WS	-0.3142	-9.605E-04	0.0367
561	1.4591	WS	-0.3142	-9.604E-04	0.0172
561	1.94546	WS	-0.3142	-9.604E-04	-0.0023
561	2.43183	WS	-0.3142	-9.604E-04	-0.0218
561	2.91819	WS	-0.3142	-9.603E-04	-0.0412
561	3.40456	WS	-0.3142	-9.603E-04	-0.0607
561	3.89092	WS	-0.3142	-9.602E-04	-0.0802
561	4.37729	WS	-0.3142	-9.602E-04	-0.0996
561	4.86365	WS	-0.3142	-9.602E-04	-0.1191
561	5.35002	WS	-0.3142	-9.601E-04	-0.1386
562	0.	DEAD	0.8993	-0.0623	0.0132
562	0.44375	DEAD	0.8993	-0.0544	0.0132
562	0.8875	DEAD	0.8993	-0.0466	0.0132

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
562	1.33125	DEAD	0.8993	-0.0388	0.0132
562	1.775	DEAD	0.8993	-0.031	0.0132
562	2.21875	DEAD	0.8993	-0.0232	0.0132
562	2.6625	DEAD	0.8993	-0.0154	0.0132
562	3.10625	DEAD	0.8993	-0.0075	0.0132
562	3.55	DEAD	0.8993	2.691E-04	0.0132
562	0.	LIVE	0.2461	-0.0087	0.0043
562	0.44375	LIVE	0.2461	-0.0087	0.0043
562	0.8875	LIVE	0.2461	-0.0087	0.0043
562	1.33125	LIVE	0.2461	-0.0087	0.0043
562	1.775	LIVE	0.2461	-0.0087	0.0043
562	2.21875	LIVE	0.2461	-0.0087	0.0043
562	2.6625	LIVE	0.2461	-0.0087	0.0043
562	3.10625	LIVE	0.2461	-0.0087	0.0043
562	3.55	LIVE	0.2461	-0.0087	0.0043
562	0.	WB	-0.1971	-0.0147	0.0539
562	0.44375	WB	-0.1971	-0.0147	0.0362
562	0.8875	WB	-0.1971	-0.0147	0.0184
562	1.33125	WB	-0.1971	-0.0147	6.265E-04
562	1.775	WB	-0.1971	-0.0147	-0.0171
562	2.21875	WB	-0.1971	-0.0147	-0.0349
562	2.6625	WB	-0.1971	-0.0147	-0.0527
562	3.10625	WB	-0.1971	-0.0147	-0.0704
562	3.55	WB	-0.1971	-0.0147	-0.0882
562	0.	WS	-0.4866	-0.0089	0.0343
562	0.44375	WS	-0.4866	-0.0089	0.0165
562	0.8875	WS	-0.4866	-0.0089	-0.0012
562	1.33125	WS	-0.4866	-0.0089	-0.019
562	1.775	WS	-0.4866	-0.0089	-0.0368
562	2.21875	WS	-0.4866	-0.0089	-0.0545
562	2.6625	WS	-0.4866	-0.0089	-0.0723
562	3.10625	WS	-0.4866	-0.0089	-0.0901
562	3.55	WS	-0.4866	-0.0089	-0.1078
563	0.	DEAD	-8.1359	1.5496	0.0942
563	0.9	DEAD	-8.3305	1.5496	0.0942
563	0.9	DEAD	-8.4201	1.5502	-0.0551
563	1.7	DEAD	-8.5931	1.5502	-0.0551
563	3.4	DEAD	-8.9608	1.5502	-0.0551
563	0.	LIVE	-2.3348	0.4948	0.0296
563	0.9	LIVE	-2.3348	0.4948	0.0296
563	0.9	LIVE	-2.3336	0.4949	-0.0156
563	1.7	LIVE	-2.3336	0.4949	-0.0156
563	3.4	LIVE	-2.3336	0.4949	-0.0156
563	0.	WB	-0.6437	-0.6595	-0.0076
563	0.9	WB	-0.6437	-0.7087	-0.0076
563	0.9	WB	-0.6425	-0.9172	-0.0066
563	1.7	WB	-0.6425	-0.9609	-0.0066
563	3.4	WB	-0.6425	-1.0537	-0.0066
563	0.	WS	-0.7158	-1.4701	-0.0144
563	0.9	WS	-0.7158	-1.5193	-0.0144
563	0.9	WS	-0.7143	-1.7206	-0.0084
563	1.7	WS	-0.7143	-1.7643	-0.0084
563	3.4	WS	-0.7143	-1.8571	-0.0084
564	0.	DEAD	1.2763	0.0024	0.0161

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
564	0.44375	DEAD	1.2763	0.0102	0.0161
564	0.8875	DEAD	1.2763	0.018	0.0161
564	1.33125	DEAD	1.2763	0.0258	0.0161
564	1.775	DEAD	1.2763	0.0336	0.0161
564	2.21875	DEAD	1.2763	0.0415	0.0161
564	2.6625	DEAD	1.2763	0.0493	0.0161
564	3.10625	DEAD	1.2763	0.0571	0.0161
564	3.55	DEAD	1.2763	0.0649	0.0161
564	0.	LIVE	0.3516	0.011	0.0045
564	0.44375	LIVE	0.3516	0.011	0.0045
564	0.8875	LIVE	0.3516	0.011	0.0045
564	1.33125	LIVE	0.3516	0.011	0.0045
564	1.775	LIVE	0.3516	0.011	0.0045
564	2.21875	LIVE	0.3516	0.011	0.0045
564	2.6625	LIVE	0.3516	0.011	0.0045
564	3.10625	LIVE	0.3516	0.011	0.0045
564	3.55	LIVE	0.3516	0.011	0.0045
564	0.	WB	0.2613	-0.0059	0.0941
564	0.44375	WB	0.2613	-0.0059	0.0763
564	0.8875	WB	0.2613	-0.0059	0.0585
564	1.33125	WB	0.2613	-0.0059	0.0408
564	1.775	WB	0.2613	-0.0059	0.023
564	2.21875	WB	0.2613	-0.0059	0.0052
564	2.6625	WB	0.2613	-0.0059	-0.0125
564	3.10625	WB	0.2613	-0.0059	-0.0303
564	3.55	WB	0.2613	-0.0059	-0.0481
564	0.	WS	0.3582	-0.0074	0.1067
564	0.44375	WS	0.3582	-0.0074	0.089
564	0.8875	WS	0.3582	-0.0074	0.0712
564	1.33125	WS	0.3582	-0.0074	0.0534
564	1.775	WS	0.3582	-0.0074	0.0357
564	2.21875	WS	0.3582	-0.0074	0.0179
564	2.6625	WS	0.3582	-0.0074	1.364E-04
564	3.10625	WS	0.3582	-0.0074	-0.0176
564	3.55	WS	0.3582	-0.0074	-0.0354
565	0.	DEAD	0.9335	-0.04	0.008
565	0.48182	DEAD	0.9335	-0.0315	0.008
565	0.96364	DEAD	0.9335	-0.023	0.008
565	1.44545	DEAD	0.9335	-0.0146	0.008
565	1.92727	DEAD	0.9335	-0.0061	0.008
565	2.40909	DEAD	0.9335	0.0024	0.008
565	2.89091	DEAD	0.9335	0.0109	0.008
565	3.37273	DEAD	0.9335	0.0194	0.008
565	3.85455	DEAD	0.9335	0.0279	0.008
565	4.33636	DEAD	0.9335	0.0364	0.008
565	4.81818	DEAD	0.9335	0.0448	0.008
565	5.3	DEAD	0.9335	0.0533	0.008
565	0.	LIVE	0.2595	0.0022	0.0023
565	0.48182	LIVE	0.2595	0.0022	0.0023
565	0.96364	LIVE	0.2595	0.0022	0.0023
565	1.44545	LIVE	0.2595	0.0022	0.0023
565	1.92727	LIVE	0.2595	0.0022	0.0023
565	2.40909	LIVE	0.2595	0.0022	0.0023
565	2.89091	LIVE	0.2595	0.0022	0.0023

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
565	3.37273	LIVE	0.2595	0.0022	0.0023
565	3.85455	LIVE	0.2595	0.0022	0.0023
565	4.33636	LIVE	0.2595	0.0022	0.0023
565	4.81818	LIVE	0.2595	0.0022	0.0023
565	5.3	LIVE	0.2595	0.0022	0.0023
565	0.	WB	0.1785	-0.0011	0.1213
565	0.48182	WB	0.1785	-0.0011	0.102
565	0.96364	WB	0.1785	-0.0011	0.0827
565	1.44545	WB	0.1785	-0.0011	0.0634
565	1.92727	WB	0.1785	-0.0011	0.0441
565	2.40909	WB	0.1785	-0.0011	0.0249
565	2.89091	WB	0.1785	-0.0011	0.0056
565	3.37273	WB	0.1785	-0.0011	-0.0137
565	3.85455	WB	0.1785	-0.0011	-0.033
565	4.33636	WB	0.1785	-0.0011	-0.0523
565	4.81818	WB	0.1785	-0.0011	-0.0716
565	5.3	WB	0.1785	-0.0011	-0.0909
565	0.	WS	0.2397	-0.0016	0.1347
565	0.48182	WS	0.2397	-0.0016	0.1154
565	0.96364	WS	0.2397	-0.0016	0.0961
565	1.44545	WS	0.2397	-0.0016	0.0768
565	1.92727	WS	0.2397	-0.0016	0.0575
565	2.40909	WS	0.2397	-0.0016	0.0382
565	2.89091	WS	0.2397	-0.0016	0.0189
565	3.37273	WS	0.2397	-0.0016	-3.788E-04
565	3.85455	WS	0.2397	-0.0016	-0.0197
565	4.33636	WS	0.2397	-0.0016	-0.039
565	4.81818	WS	0.2397	-0.0016	-0.0582
565	5.3	WS	0.2397	-0.0016	-0.0775
566	0.	DEAD	0.9327	-0.0455	0.0059
566	0.48636	DEAD	0.9327	-0.0369	0.0059
566	0.97273	DEAD	0.9327	-0.0283	0.0059
566	1.45909	DEAD	0.9327	-0.0198	0.0059
566	1.94545	DEAD	0.9327	-0.0112	0.0059
566	2.43182	DEAD	0.9327	-0.0026	0.0059
566	2.91818	DEAD	0.9327	0.0059	0.0059
566	3.40455	DEAD	0.9327	0.0145	0.0059
566	3.89091	DEAD	0.9327	0.0231	0.0059
566	4.37727	DEAD	0.9327	0.0316	0.0059
566	4.86364	DEAD	0.9327	0.0402	0.0059
566	5.35	DEAD	0.9327	0.0488	0.0059
566	0.	LIVE	0.2599	5.755E-04	0.0017
566	0.48636	LIVE	0.2599	5.755E-04	0.0017
566	0.97273	LIVE	0.2599	5.755E-04	0.0017
566	1.45909	LIVE	0.2599	5.755E-04	0.0017
566	1.94545	LIVE	0.2599	5.755E-04	0.0017
566	2.43182	LIVE	0.2599	5.755E-04	0.0017
566	2.91818	LIVE	0.2599	5.755E-04	0.0017
566	3.40455	LIVE	0.2599	5.755E-04	0.0017
566	3.89091	LIVE	0.2599	5.755E-04	0.0017
566	4.37727	LIVE	0.2599	5.755E-04	0.0017
566	4.86364	LIVE	0.2599	5.755E-04	0.0017
566	5.35	LIVE	0.2599	5.755E-04	0.0017
566	0.	WB	0.1577	-7.834E-05	0.1119

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
566	0.48636	WB	0.1577	-7.834E-05	0.0924
566	0.97273	WB	0.1577	-7.834E-05	0.0729
566	1.45909	WB	0.1577	-7.834E-05	0.0534
566	1.94545	WB	0.1577	-7.834E-05	0.034
566	2.43182	WB	0.1577	-7.834E-05	0.0145
566	2.91818	WB	0.1577	-7.834E-05	-0.005
566	3.40455	WB	0.1577	-7.834E-05	-0.0245
566	3.89091	WB	0.1577	-7.834E-05	-0.0439
566	4.37727	WB	0.1577	-7.834E-05	-0.0634
566	4.86364	WB	0.1577	-7.834E-05	-0.0829
566	5.35	WB	0.1577	-7.834E-05	-0.1023
566	0.	WS	0.2019	-6.143E-05	0.1135
566	0.48636	WS	0.2019	-6.143E-05	0.094
566	0.97273	WS	0.2019	-6.143E-05	0.0745
566	1.45909	WS	0.2019	-6.143E-05	0.0551
566	1.94545	WS	0.2019	-6.143E-05	0.0356
566	2.43182	WS	0.2019	-6.143E-05	0.0161
566	2.91818	WS	0.2019	-6.143E-05	-0.0033
566	3.40455	WS	0.2019	-6.143E-05	-0.0228
566	3.89091	WS	0.2019	-6.143E-05	-0.0423
566	4.37727	WS	0.2019	-6.143E-05	-0.0618
566	4.86364	WS	0.2019	-6.143E-05	-0.0812
566	5.35	WS	0.2019	-6.143E-05	-0.1007
567	0.	DEAD	0.8975	-0.0523	-0.0115
567	0.48636	DEAD	0.8975	-0.0437	-0.0115
567	0.97273	DEAD	0.8975	-0.0351	-0.0115
567	1.45909	DEAD	0.8975	-0.0266	-0.0115
567	1.94545	DEAD	0.8975	-0.018	-0.0115
567	2.43182	DEAD	0.8975	-0.0094	-0.0115
567	2.91818	DEAD	0.8975	-8.665E-04	-0.0115
567	3.40455	DEAD	0.8975	0.0077	-0.0115
567	3.89091	DEAD	0.8975	0.0163	-0.0115
567	4.37727	DEAD	0.8975	0.0248	-0.0115
567	4.86364	DEAD	0.8975	0.0334	-0.0115
567	5.35	DEAD	0.8975	0.042	-0.0115
567	0.	LIVE	0.2501	-0.0016	-0.0037
567	0.48636	LIVE	0.2501	-0.0016	-0.0037
567	0.97273	LIVE	0.2501	-0.0016	-0.0037
567	1.45909	LIVE	0.2501	-0.0016	-0.0037
567	1.94545	LIVE	0.2501	-0.0016	-0.0037
567	2.43182	LIVE	0.2501	-0.0016	-0.0037
567	2.91818	LIVE	0.2501	-0.0016	-0.0037
567	3.40455	LIVE	0.2501	-0.0016	-0.0037
567	3.89091	LIVE	0.2501	-0.0016	-0.0037
567	4.37727	LIVE	0.2501	-0.0016	-0.0037
567	4.86364	LIVE	0.2501	-0.0016	-0.0037
567	5.35	LIVE	0.2501	-0.0016	-0.0037
567	0.	WB	0.1513	6.661E-04	0.0869
567	0.48636	WB	0.1513	6.661E-04	0.0674
567	0.97273	WB	0.1513	6.661E-04	0.0479
567	1.45909	WB	0.1513	6.661E-04	0.0284
567	1.94545	WB	0.1513	6.661E-04	0.009
567	2.43182	WB	0.1513	6.661E-04	-0.0105
567	2.91818	WB	0.1513	6.661E-04	-0.03

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
567	3.40455	WB	0.1513	6.661E-04	-0.0494
567	3.89091	WB	0.1513	6.661E-04	-0.0689
567	4.37727	WB	0.1513	6.661E-04	-0.0884
567	4.86364	WB	0.1513	6.661E-04	-0.1079
567	5.35	WB	0.1513	6.661E-04	-0.1273
567	0.	WS	0.2094	0.0011	0.0726
567	0.48636	WS	0.2094	0.0011	0.0531
567	0.97273	WS	0.2094	0.0011	0.0337
567	1.45909	WS	0.2094	0.0011	0.0142
567	1.94545	WS	0.2094	0.0011	-0.0053
567	2.43182	WS	0.2094	0.0011	-0.0247
567	2.91818	WS	0.2094	0.0011	-0.0442
567	3.40455	WS	0.2094	0.0011	-0.0637
567	3.89091	WS	0.2094	0.0011	-0.0832
567	4.37727	WS	0.2094	0.0011	-0.1026
567	4.86364	WS	0.2094	0.0011	-0.1221
567	5.35	WS	0.2094	0.0011	-0.1416
568	0.	DEAD	1.2766	-0.0643	-0.0108
568	0.44375	DEAD	1.2766	-0.0565	-0.0108
568	0.8875	DEAD	1.2766	-0.0487	-0.0108
568	1.33125	DEAD	1.2766	-0.0408	-0.0108
568	1.775	DEAD	1.2766	-0.033	-0.0108
568	2.21875	DEAD	1.2766	-0.0252	-0.0108
568	2.6625	DEAD	1.2766	-0.0174	-0.0108
568	3.10625	DEAD	1.2766	-0.0096	-0.0108
568	3.55	DEAD	1.2766	-0.0018	-0.0108
568	0.	LIVE	0.36	-0.01	-0.0034
568	0.44375	LIVE	0.36	-0.01	-0.0034
568	0.8875	LIVE	0.36	-0.01	-0.0034
568	1.33125	LIVE	0.36	-0.01	-0.0034
568	1.775	LIVE	0.36	-0.01	-0.0034
568	2.21875	LIVE	0.36	-0.01	-0.0034
568	2.6625	LIVE	0.36	-0.01	-0.0034
568	3.10625	LIVE	0.36	-0.01	-0.0034
568	3.55	LIVE	0.36	-0.01	-0.0034
568	0.	WB	0.2472	0.0048	0.0482
568	0.44375	WB	0.2472	0.0048	0.0304
568	0.8875	WB	0.2472	0.0048	0.0126
568	1.33125	WB	0.2472	0.0048	-0.0051
568	1.775	WB	0.2472	0.0048	-0.0229
568	2.21875	WB	0.2472	0.0048	-0.0407
568	2.6625	WB	0.2472	0.0048	-0.0584
568	3.10625	WB	0.2472	0.0048	-0.0762
568	3.55	WB	0.2472	0.0048	-0.094
568	0.	WS	0.342	0.0062	0.0344
568	0.44375	WS	0.342	0.0062	0.0166
568	0.8875	WS	0.342	0.0062	-0.0011
568	1.33125	WS	0.342	0.0062	-0.0189
568	1.775	WS	0.342	0.0062	-0.0367
568	2.21875	WS	0.342	0.0062	-0.0544
568	2.6625	WS	0.342	0.0062	-0.0722
568	3.10625	WS	0.342	0.0062	-0.09
568	3.55	WS	0.342	0.0062	-0.1077
569	0.	DEAD	0.8292	-0.0517	-0.0172

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
569	0.44375	DEAD	0.8292	-0.0439	-0.0172
569	0.8875	DEAD	0.8292	-0.0361	-0.0172
569	1.33125	DEAD	0.8292	-0.0282	-0.0172
569	1.775	DEAD	0.8292	-0.0204	-0.0172
569	2.21875	DEAD	0.8292	-0.0126	-0.0172
569	2.6625	DEAD	0.8292	-0.0048	-0.0172
569	3.10625	DEAD	0.8292	0.003	-0.0172
569	3.55	DEAD	0.8292	0.0108	-0.0172
569	0.	LIVE	0.2385	-0.0055	-0.0059
569	0.44375	LIVE	0.2385	-0.0055	-0.0059
569	0.8875	LIVE	0.2385	-0.0055	-0.0059
569	1.33125	LIVE	0.2385	-0.0055	-0.0059
569	1.775	LIVE	0.2385	-0.0055	-0.0059
569	2.21875	LIVE	0.2385	-0.0055	-0.0059
569	2.6625	LIVE	0.2385	-0.0055	-0.0059
569	3.10625	LIVE	0.2385	-0.0055	-0.0059
569	3.55	LIVE	0.2385	-0.0055	-0.0059
569	0.	WB	0.0698	-0.0056	0.0768
569	0.44375	WB	0.0698	-0.0056	0.0591
569	0.8875	WB	0.0698	-0.0056	0.0413
569	1.33125	WB	0.0698	-0.0056	0.0236
569	1.775	WB	0.0698	-0.0056	0.0058
569	2.21875	WB	0.0698	-0.0056	-0.012
569	2.6625	WB	0.0698	-0.0056	-0.0297
569	3.10625	WB	0.0698	-0.0056	-0.0475
569	3.55	WB	0.0698	-0.0056	-0.0653
569	0.	WS	0.116	-0.007	0.0831
569	0.44375	WS	0.116	-0.007	0.0654
569	0.8875	WS	0.116	-0.007	0.0476
569	1.33125	WS	0.116	-0.007	0.0298
569	1.775	WS	0.116	-0.007	0.0121
569	2.21875	WS	0.116	-0.007	-0.0057
569	2.6625	WS	0.116	-0.007	-0.0235
569	3.10625	WS	0.116	-0.007	-0.0412
569	3.55	WS	0.116	-0.007	-0.059
570	0.	DEAD	1.033	-0.0497	0.0026
570	0.48182	DEAD	1.033	-0.0412	0.0026
570	0.96364	DEAD	1.033	-0.0327	0.0026
570	1.44545	DEAD	1.033	-0.0242	0.0026
570	1.92727	DEAD	1.033	-0.0157	0.0026
570	2.40909	DEAD	1.033	-0.0072	0.0026
570	2.89091	DEAD	1.033	0.0012	0.0026
570	3.37273	DEAD	1.033	0.0097	0.0026
570	3.85455	DEAD	1.033	0.0182	0.0026
570	4.33636	DEAD	1.033	0.0267	0.0026
570	4.81818	DEAD	1.033	0.0352	0.0026
570	5.3	DEAD	1.033	0.0437	0.0026
570	0.	LIVE	0.2961	-7.540E-04	7.020E-04
570	0.48182	LIVE	0.2961	-7.540E-04	7.020E-04
570	0.96364	LIVE	0.2961	-7.540E-04	7.020E-04
570	1.44545	LIVE	0.2961	-7.540E-04	7.020E-04
570	1.92727	LIVE	0.2961	-7.540E-04	7.020E-04
570	2.40909	LIVE	0.2961	-7.540E-04	7.020E-04
570	2.89091	LIVE	0.2961	-7.540E-04	7.020E-04

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
570	3.37273	LIVE	0.2961	-7.540E-04	7.020E-04
570	3.85455	LIVE	0.2961	-7.540E-04	7.020E-04
570	4.33636	LIVE	0.2961	-7.540E-04	7.020E-04
570	4.81818	LIVE	0.2961	-7.540E-04	7.020E-04
570	5.3	LIVE	0.2961	-7.540E-04	7.020E-04
570	0.	WB	0.1052	-0.0014	0.1138
570	0.48182	WB	0.1052	-0.0014	0.0945
570	0.96364	WB	0.1052	-0.0014	0.0752
570	1.44545	WB	0.1052	-0.0014	0.0559
570	1.92727	WB	0.1052	-0.0014	0.0367
570	2.40909	WB	0.1052	-0.0014	0.0174
570	2.89091	WB	0.1052	-0.0014	-0.0019
570	3.37273	WB	0.1052	-0.0014	-0.0212
570	3.85455	WB	0.1052	-0.0014	-0.0405
570	4.33636	WB	0.1052	-0.0014	-0.0598
570	4.81818	WB	0.1052	-0.0014	-0.0791
570	5.3	WB	0.1052	-0.0014	-0.0984
570	0.	WS	0.1361	-0.0017	0.122
570	0.48182	WS	0.1361	-0.0017	0.1027
570	0.96364	WS	0.1361	-0.0017	0.0834
570	1.44545	WS	0.1361	-0.0017	0.0641
570	1.92727	WS	0.1361	-0.0017	0.0448
570	2.40909	WS	0.1361	-0.0017	0.0256
570	2.89091	WS	0.1361	-0.0017	0.0063
570	3.37273	WS	0.1361	-0.0017	-0.013
570	3.85455	WS	0.1361	-0.0017	-0.0323
570	4.33636	WS	0.1361	-0.0017	-0.0516
570	4.81818	WS	0.1361	-0.0017	-0.0709
570	5.3	WS	0.1361	-0.0017	-0.0902
571	0.	DEAD	0.8837	-0.046	0.002
571	0.48636	DEAD	0.8837	-0.0374	0.002
571	0.97273	DEAD	0.8837	-0.0288	0.002
571	1.45909	DEAD	0.8837	-0.0203	0.002
571	1.94545	DEAD	0.8837	-0.0117	0.002
571	2.43182	DEAD	0.8837	-0.0031	0.002
571	2.91818	DEAD	0.8837	0.0054	0.002
571	3.40455	DEAD	0.8837	0.014	0.002
571	3.89091	DEAD	0.8837	0.0226	0.002
571	4.37727	DEAD	0.8837	0.0311	0.002
571	4.86364	DEAD	0.8837	0.0397	0.002
571	5.35	DEAD	0.8837	0.0483	0.002
571	0.	LIVE	0.2509	4.223E-04	5.441E-04
571	0.48636	LIVE	0.2509	4.223E-04	5.441E-04
571	0.97273	LIVE	0.2509	4.223E-04	5.441E-04
571	1.45909	LIVE	0.2509	4.223E-04	5.441E-04
571	1.94545	LIVE	0.2509	4.223E-04	5.441E-04
571	2.43182	LIVE	0.2509	4.223E-04	5.441E-04
571	2.91818	LIVE	0.2509	4.223E-04	5.441E-04
571	3.40455	LIVE	0.2509	4.223E-04	5.441E-04
571	3.89091	LIVE	0.2509	4.223E-04	5.441E-04
571	4.37727	LIVE	0.2509	4.223E-04	5.441E-04
571	4.86364	LIVE	0.2509	4.223E-04	5.441E-04
571	5.35	LIVE	0.2509	4.223E-04	5.441E-04
571	0.	WB	0.1062	-1.884E-04	0.1101

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
571	0.48636	WB	0.1062	-1.884E-04	0.0907
571	0.97273	WB	0.1062	-1.884E-04	0.0712
571	1.45909	WB	0.1062	-1.884E-04	0.0517
571	1.94545	WB	0.1062	-1.884E-04	0.0322
571	2.43182	WB	0.1062	-1.884E-04	0.0128
571	2.91818	WB	0.1062	-1.884E-04	-0.0067
571	3.40455	WB	0.1062	-1.884E-04	-0.0262
571	3.89091	WB	0.1062	-1.884E-04	-0.0456
571	4.37727	WB	0.1062	-1.884E-04	-0.0651
571	4.86364	WB	0.1062	-1.884E-04	-0.0846
571	5.35	WB	0.1062	-1.884E-04	-0.1041
571	0.	WS	0.1421	-1.909E-04	0.1111
571	0.48636	WS	0.1421	-1.909E-04	0.0917
571	0.97273	WS	0.1421	-1.909E-04	0.0722
571	1.45909	WS	0.1421	-1.909E-04	0.0527
571	1.94545	WS	0.1421	-1.909E-04	0.0332
571	2.43182	WS	0.1421	-1.909E-04	0.0138
571	2.91818	WS	0.1421	-1.909E-04	-0.0057
571	3.40455	WS	0.1421	-1.909E-04	-0.0252
571	3.89091	WS	0.1421	-1.909E-04	-0.0447
571	4.37727	WS	0.1421	-1.909E-04	-0.0641
571	4.86364	WS	0.1421	-1.909E-04	-0.0836
571	5.35	WS	0.1421	-1.909E-04	-0.1031
572	0.	DEAD	1.066	-0.0422	-0.0037
572	0.48636	DEAD	1.066	-0.0337	-0.0037
572	0.97273	DEAD	1.066	-0.0251	-0.0037
572	1.45909	DEAD	1.066	-0.0165	-0.0037
572	1.94545	DEAD	1.066	-0.008	-0.0037
572	2.43182	DEAD	1.066	5.835E-04	-0.0037
572	2.91818	DEAD	1.066	0.0091	-0.0037
572	3.40455	DEAD	1.066	0.0177	-0.0037
572	3.89091	DEAD	1.066	0.0263	-0.0037
572	4.37727	DEAD	1.066	0.0348	-0.0037
572	4.86364	DEAD	1.066	0.0434	-0.0037
572	5.35	DEAD	1.066	0.052	-0.0037
572	0.	LIVE	0.3053	0.0015	-0.0011
572	0.48636	LIVE	0.3053	0.0015	-0.0011
572	0.97273	LIVE	0.3053	0.0015	-0.0011
572	1.45909	LIVE	0.3053	0.0015	-0.0011
572	1.94545	LIVE	0.3053	0.0015	-0.0011
572	2.43182	LIVE	0.3053	0.0015	-0.0011
572	2.91818	LIVE	0.3053	0.0015	-0.0011
572	3.40455	LIVE	0.3053	0.0015	-0.0011
572	3.89091	LIVE	0.3053	0.0015	-0.0011
572	4.37727	LIVE	0.3053	0.0015	-0.0011
572	4.86364	LIVE	0.3053	0.0015	-0.0011
572	5.35	LIVE	0.3053	0.0015	-0.0011
572	0.	WB	0.0975	8.258E-04	0.0959
572	0.48636	WB	0.0975	8.258E-04	0.0765
572	0.97273	WB	0.0975	8.258E-04	0.057
572	1.45909	WB	0.0975	8.258E-04	0.0375
572	1.94545	WB	0.0975	8.258E-04	0.018
572	2.43182	WB	0.0975	8.258E-04	-0.0014
572	2.91818	WB	0.0975	8.258E-04	-0.0209

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
572	3.40455	WB	0.0975	8.258E-04	-0.0404
572	3.89091	WB	0.0975	8.258E-04	-0.0599
572	4.37727	WB	0.0975	8.258E-04	-0.0793
572	4.86364	WB	0.0975	8.258E-04	-0.0988
572	5.35	WB	0.0975	8.258E-04	-0.1183
572	0.	WS	0.1277	0.0011	0.0871
572	0.48636	WS	0.1277	0.0011	0.0677
572	0.97273	WS	0.1277	0.0011	0.0482
572	1.45909	WS	0.1277	0.0011	0.0287
572	1.94545	WS	0.1277	0.0011	0.0092
572	2.43182	WS	0.1277	0.0011	-0.0102
572	2.91818	WS	0.1277	0.0011	-0.0297
572	3.40455	WS	0.1277	0.0011	-0.0492
572	3.89091	WS	0.1277	0.0011	-0.0686
572	4.37727	WS	0.1277	0.0011	-0.0881
572	4.86364	WS	0.1277	0.0011	-0.1076
572	5.35	WS	0.1277	0.0011	-0.1271
573	0.	DEAD	0.827	-0.0067	0.0223
573	0.44375	DEAD	0.827	0.0012	0.0223
573	0.8875	DEAD	0.827	0.009	0.0223
573	1.33125	DEAD	0.827	0.0168	0.0223
573	1.775	DEAD	0.827	0.0246	0.0223
573	2.21875	DEAD	0.827	0.0324	0.0223
573	2.6625	DEAD	0.827	0.0402	0.0223
573	3.10625	DEAD	0.827	0.0481	0.0223
573	3.55	DEAD	0.827	0.0559	0.0223
573	0.	LIVE	0.2334	0.0072	0.0068
573	0.44375	LIVE	0.2334	0.0072	0.0068
573	0.8875	LIVE	0.2334	0.0072	0.0068
573	1.33125	LIVE	0.2334	0.0072	0.0068
573	1.775	LIVE	0.2334	0.0072	0.0068
573	2.21875	LIVE	0.2334	0.0072	0.0068
573	2.6625	LIVE	0.2334	0.0072	0.0068
573	3.10625	LIVE	0.2334	0.0072	0.0068
573	3.55	LIVE	0.2334	0.0072	0.0068
573	0.	WB	0.0601	0.0041	0.0658
573	0.44375	WB	0.0601	0.0041	0.048
573	0.8875	WB	0.0601	0.0041	0.0302
573	1.33125	WB	0.0601	0.0041	0.0125
573	1.775	WB	0.0601	0.0041	-0.0053
573	2.21875	WB	0.0601	0.0041	-0.0231
573	2.6625	WB	0.0601	0.0041	-0.0408
573	3.10625	WB	0.0601	0.0041	-0.0586
573	3.55	WB	0.0601	0.0041	-0.0764
573	0.	WS	0.1045	0.0054	0.0589
573	0.44375	WS	0.1045	0.0054	0.0411
573	0.8875	WS	0.1045	0.0054	0.0234
573	1.33125	WS	0.1045	0.0054	0.0056
573	1.775	WS	0.1045	0.0054	-0.0122
573	2.21875	WS	0.1045	0.0054	-0.0299
573	2.6625	WS	0.1045	0.0054	-0.0477
573	3.10625	WS	0.1045	0.0054	-0.0655
573	3.55	WS	0.1045	0.0054	-0.0832
574	0.	DEAD	0.5566	-0.0432	0.0036

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
574	0.44375	DEAD	0.5566	-0.0354	0.0036
574	0.8875	DEAD	0.5566	-0.0276	0.0036
574	1.33125	DEAD	0.5566	-0.0198	0.0036
574	1.775	DEAD	0.5566	-0.0119	0.0036
574	2.21875	DEAD	0.5566	-0.0041	0.0036
574	2.6625	DEAD	0.5566	0.0037	0.0036
574	3.10625	DEAD	0.5566	0.0115	0.0036
574	3.55	DEAD	0.5566	0.0193	0.0036
574	0.	LIVE	0.1617	-0.0037	0.0018
574	0.44375	LIVE	0.1617	-0.0037	0.0018
574	0.8875	LIVE	0.1617	-0.0037	0.0018
574	1.33125	LIVE	0.1617	-0.0037	0.0018
574	1.775	LIVE	0.1617	-0.0037	0.0018
574	2.21875	LIVE	0.1617	-0.0037	0.0018
574	2.6625	LIVE	0.1617	-0.0037	0.0018
574	3.10625	LIVE	0.1617	-0.0037	0.0018
574	3.55	LIVE	0.1617	-0.0037	0.0018
574	0.	WB	0.0234	0.0046	0.065
574	0.44375	WB	0.0234	0.0046	0.0472
574	0.8875	WB	0.0234	0.0046	0.0295
574	1.33125	WB	0.0234	0.0046	0.0117
574	1.775	WB	0.0234	0.0046	-0.0061
574	2.21875	WB	0.0234	0.0046	-0.0238
574	2.6625	WB	0.0234	0.0046	-0.0416
574	3.10625	WB	0.0234	0.0046	-0.0594
574	3.55	WB	0.0234	0.0046	-0.0771
574	0.	WS	-0.1199	0.0092	0.0718
574	0.44375	WS	-0.1199	0.0092	0.054
574	0.8875	WS	-0.1199	0.0092	0.0362
574	1.33125	WS	-0.1199	0.0092	0.0185
574	1.775	WS	-0.1199	0.0092	7.152E-04
574	2.21875	WS	-0.1199	0.0092	-0.0171
574	2.6625	WS	-0.1199	0.0092	-0.0348
574	3.10625	WS	-0.1199	0.0092	-0.0526
574	3.55	WS	-0.1199	0.0092	-0.0703
575	0.	DEAD	0.7685	-0.0942	-1.253E-04
575	0.48182	DEAD	0.7685	-0.0858	-1.253E-04
575	0.96364	DEAD	0.7685	-0.0773	-1.253E-04
575	1.44546	DEAD	0.7685	-0.0688	-1.253E-04
575	1.92728	DEAD	0.7685	-0.0603	-1.253E-04
575	2.4091	DEAD	0.7685	-0.0518	-1.253E-04
575	2.89092	DEAD	0.7685	-0.0433	-1.253E-04
575	3.37274	DEAD	0.7686	-0.0348	-1.253E-04
575	3.85456	DEAD	0.7686	-0.0264	-1.253E-04
575	4.33638	DEAD	0.7686	-0.0179	-1.253E-04
575	4.8182	DEAD	0.7686	-0.0094	-1.253E-04
575	5.30002	DEAD	0.7686	-8.944E-04	-1.253E-04
575	0.	LIVE	0.2126	-9.343E-05	1.076E-06
575	0.48182	LIVE	0.2126	-9.343E-05	1.076E-06
575	0.96364	LIVE	0.2126	-9.343E-05	1.076E-06
575	1.44546	LIVE	0.2126	-9.343E-05	1.076E-06
575	1.92728	LIVE	0.2126	-9.343E-05	1.076E-06
575	2.4091	LIVE	0.2126	-9.343E-05	1.076E-06
575	2.89092	LIVE	0.2126	-9.343E-05	1.076E-06

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
575	3.37274	LIVE	0.2126	-9.343E-05	1.076E-06
575	3.85456	LIVE	0.2126	-9.343E-05	1.076E-06
575	4.33638	LIVE	0.2126	-9.343E-05	1.076E-06
575	4.8182	LIVE	0.2126	-9.343E-05	1.076E-06
575	5.30002	LIVE	0.2126	-9.343E-05	1.076E-06
575	0.	WB	0.0716	3.088E-04	0.2146
575	0.48182	WB	0.0716	3.089E-04	0.1953
575	0.96364	WB	0.0716	3.089E-04	0.176
575	1.44546	WB	0.0716	3.090E-04	0.1567
575	1.92728	WB	0.0716	3.090E-04	0.1375
575	2.4091	WB	0.0716	3.090E-04	0.1182
575	2.89092	WB	0.0716	3.091E-04	0.0989
575	3.37274	WB	0.0716	3.091E-04	0.0796
575	3.85456	WB	0.0716	3.092E-04	0.0603
575	4.33638	WB	0.0716	3.092E-04	0.041
575	4.8182	WB	0.0716	3.092E-04	0.0217
575	5.30002	WB	0.0716	3.093E-04	0.0024
575	0.	WS	-0.1146	5.200E-04	0.2163
575	0.48182	WS	-0.1146	5.201E-04	0.197
575	0.96364	WS	-0.1146	5.201E-04	0.1777
575	1.44546	WS	-0.1146	5.201E-04	0.1584
575	1.92728	WS	-0.1146	5.202E-04	0.1391
575	2.4091	WS	-0.1146	5.202E-04	0.1199
575	2.89092	WS	-0.1146	5.203E-04	0.1006
575	3.37274	WS	-0.1146	5.203E-04	0.0813
575	3.85456	WS	-0.1146	5.203E-04	0.062
575	4.33638	WS	-0.1146	5.204E-04	0.0427
575	4.8182	WS	-0.1146	5.204E-04	0.0234
575	5.30002	WS	-0.1146	5.205E-04	0.0041
576	0.	DEAD	0.7686	-3.094E-04	0.0019
576	0.48636	DEAD	0.7686	0.0083	0.0019
576	0.97273	DEAD	0.7686	0.0168	0.0019
576	1.45909	DEAD	0.7686	0.0254	0.0019
576	1.94545	DEAD	0.7686	0.034	0.0019
576	2.43182	DEAD	0.7686	0.0425	0.0019
576	2.91818	DEAD	0.7686	0.0511	0.0019
576	3.40455	DEAD	0.7686	0.0597	0.0019
576	3.89091	DEAD	0.7686	0.0682	0.0019
576	4.37727	DEAD	0.7686	0.0768	0.0019
576	4.86364	DEAD	0.7686	0.0854	0.0019
576	5.35	DEAD	0.7686	0.0939	0.0019
576	0.	LIVE	0.2126	6.840E-05	5.675E-04
576	0.48636	LIVE	0.2126	6.840E-05	5.675E-04
576	0.97273	LIVE	0.2126	6.840E-05	5.675E-04
576	1.45909	LIVE	0.2126	6.840E-05	5.675E-04
576	1.94545	LIVE	0.2126	6.840E-05	5.675E-04
576	2.43182	LIVE	0.2126	6.840E-05	5.675E-04
576	2.91818	LIVE	0.2126	6.840E-05	5.675E-04
576	3.40455	LIVE	0.2126	6.840E-05	5.675E-04
576	3.89091	LIVE	0.2126	6.840E-05	5.675E-04
576	4.37727	LIVE	0.2126	6.840E-05	5.675E-04
576	4.86364	LIVE	0.2126	6.840E-05	5.675E-04
576	5.35	LIVE	0.2126	6.840E-05	5.675E-04
576	0.	WB	0.0716	3.638E-04	0.0026

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
576	0.48636	WB	0.0716	3.638E-04	-0.0169
576	0.97273	WB	0.0716	3.638E-04	-0.0363
576	1.45909	WB	0.0716	3.638E-04	-0.0558
576	1.94545	WB	0.0716	3.638E-04	-0.0753
576	2.43182	WB	0.0716	3.638E-04	-0.0947
576	2.91818	WB	0.0716	3.638E-04	-0.1142
576	3.40455	WB	0.0716	3.638E-04	-0.1337
576	3.89091	WB	0.0716	3.638E-04	-0.1532
576	4.37727	WB	0.0716	3.638E-04	-0.1726
576	4.86364	WB	0.0716	3.638E-04	-0.1921
576	5.35	WB	0.0716	3.638E-04	-0.2116
576	0.	WS	-0.1146	4.333E-04	0.0038
576	0.48636	WS	-0.1146	4.333E-04	-0.0157
576	0.97273	WS	-0.1146	4.333E-04	-0.0351
576	1.45909	WS	-0.1146	4.333E-04	-0.0546
576	1.94545	WS	-0.1146	4.333E-04	-0.0741
576	2.43182	WS	-0.1146	4.333E-04	-0.0935
576	2.91818	WS	-0.1146	4.333E-04	-0.113
576	3.40455	WS	-0.1146	4.333E-04	-0.1325
576	3.89091	WS	-0.1146	4.333E-04	-0.152
576	4.37727	WS	-0.1146	4.333E-04	-0.1714
576	4.86364	WS	-0.1146	4.333E-04	-0.1909
576	5.35	WS	-0.1146	4.333E-04	-0.2104
577	0.	DEAD	0.852	-0.0448	-0.0059
577	0.48637	DEAD	0.852	-0.0362	-0.0059
577	0.97273	DEAD	0.852	-0.0277	-0.0059
577	1.4591	DEAD	0.852	-0.0191	-0.0059
577	1.94546	DEAD	0.852	-0.0105	-0.0059
577	2.43183	DEAD	0.852	-0.002	-0.0059
577	2.91819	DEAD	0.852	0.0066	-0.0059
577	3.40456	DEAD	0.852	0.0152	-0.0059
577	3.89092	DEAD	0.852	0.0237	-0.0059
577	4.37729	DEAD	0.852	0.0323	-0.0059
577	4.86365	DEAD	0.852	0.0409	-0.0059
577	5.35002	DEAD	0.852	0.0494	-0.0059
577	0.	LIVE	0.2442	0.0011	-0.0018
577	0.48637	LIVE	0.2442	0.0011	-0.0018
577	0.97273	LIVE	0.2442	0.0011	-0.0018
577	1.4591	LIVE	0.2442	0.0011	-0.0018
577	1.94546	LIVE	0.2442	0.0011	-0.0018
577	2.43183	LIVE	0.2442	0.0011	-0.0018
577	2.91819	LIVE	0.2442	0.0011	-0.0018
577	3.40456	LIVE	0.2442	0.0011	-0.0018
577	3.89092	LIVE	0.2442	0.0011	-0.0018
577	4.37729	LIVE	0.2442	0.0011	-0.0018
577	4.86365	LIVE	0.2442	0.0011	-0.0018
577	5.35002	LIVE	0.2442	0.0011	-0.0018
577	0.	WB	0.0601	-3.974E-04	0.1025
577	0.48637	WB	0.0601	-3.974E-04	0.083
577	0.97273	WB	0.0601	-3.973E-04	0.0635
577	1.4591	WB	0.0601	-3.973E-04	0.044
577	1.94546	WB	0.0601	-3.973E-04	0.0246
577	2.43183	WB	0.0601	-3.972E-04	0.0051
577	2.91819	WB	0.0601	-3.972E-04	-0.0144

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
577	3.40456	WB	0.0601	-3.971E-04	-0.0339
577	3.89092	WB	0.0601	-3.971E-04	-0.0533
577	4.37729	WB	0.0601	-3.971E-04	-0.0728
577	4.86365	WB	0.0601	-3.970E-04	-0.0923
577	5.35002	WB	0.0601	-3.970E-04	-0.1117
577	0.	WS	-0.1503	-0.0015	0.0933
577	0.48637	WS	-0.1503	-0.0015	0.0739
577	0.97273	WS	-0.1503	-0.0015	0.0544
577	1.4591	WS	-0.1503	-0.0015	0.0349
577	1.94546	WS	-0.1503	-0.0015	0.0155
577	2.43183	WS	-0.1503	-0.0015	-0.004
577	2.91819	WS	-0.1503	-0.0015	-0.0235
577	3.40456	WS	-0.1503	-0.0015	-0.043
577	3.89092	WS	-0.1503	-0.0015	-0.0624
577	4.37729	WS	-0.1503	-0.0015	-0.0819
577	4.86365	WS	-0.1503	-0.0015	-0.1014
577	5.35002	WS	-0.1503	-0.0015	-0.1208
578	0.	DEAD	0.6005	-0.0141	-0.0084
578	0.44375	DEAD	0.6005	-0.0063	-0.0084
578	0.8875	DEAD	0.6005	0.0015	-0.0084
578	1.33125	DEAD	0.6005	0.0094	-0.0084
578	1.775	DEAD	0.6005	0.0172	-0.0084
578	2.21875	DEAD	0.6005	0.025	-0.0084
578	2.6625	DEAD	0.6005	0.0328	-0.0084
578	3.10625	DEAD	0.6005	0.0406	-0.0084
578	3.55	DEAD	0.6005	0.0484	-0.0084
578	0.	LIVE	0.1591	0.0052	-0.0026
578	0.44375	LIVE	0.1591	0.0052	-0.0026
578	0.8875	LIVE	0.1591	0.0052	-0.0026
578	1.33125	LIVE	0.1591	0.0052	-0.0026
578	1.775	LIVE	0.1591	0.0052	-0.0026
578	2.21875	LIVE	0.1591	0.0052	-0.0026
578	2.6625	LIVE	0.1591	0.0052	-0.0026
578	3.10625	LIVE	0.1591	0.0052	-0.0026
578	3.55	LIVE	0.1591	0.0052	-0.0026
578	0.	WB	0.0243	-0.0028	0.0647
578	0.44375	WB	0.0243	-0.0028	0.047
578	0.8875	WB	0.0243	-0.0028	0.0292
578	1.33125	WB	0.0243	-0.0028	0.0114
578	1.775	WB	0.0243	-0.0028	-0.0063
578	2.21875	WB	0.0243	-0.0028	-0.0241
578	2.6625	WB	0.0243	-0.0028	-0.0419
578	3.10625	WB	0.0243	-0.0028	-0.0596
578	3.55	WB	0.0243	-0.0028	-0.0774
578	0.	WS	-0.1276	-0.0076	0.0584
578	0.44375	WS	-0.1276	-0.0076	0.0406
578	0.8875	WS	-0.1276	-0.0076	0.0229
578	1.33125	WS	-0.1276	-0.0076	0.0051
578	1.775	WS	-0.1276	-0.0076	-0.0127
578	2.21875	WS	-0.1276	-0.0076	-0.0304
578	2.6625	WS	-0.1276	-0.0076	-0.0482
578	3.10625	WS	-0.1276	-0.0076	-0.066
578	3.55	WS	-0.1276	-0.0076	-0.0837
581	0.	DEAD	0.2103	-0.0138	0.0018

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
581	0.49509	DEAD	0.2103	-0.0051	0.0018
581	0.99018	DEAD	0.2103	0.0036	0.0018
581	1.48527	DEAD	0.2103	0.0124	0.0018
581	1.98036	DEAD	0.2103	0.0211	0.0018
581	2.47545	DEAD	0.2103	0.0298	0.0018
581	2.97054	DEAD	0.2103	0.0385	0.0018
581	3.46564	DEAD	0.2103	0.0472	0.0018
581	3.96073	DEAD	0.2103	0.056	0.0018
581	0.	LIVE	0.039	0.0062	4.140E-04
581	0.49509	LIVE	0.039	0.0062	4.140E-04
581	0.99018	LIVE	0.039	0.0062	4.140E-04
581	1.48527	LIVE	0.039	0.0062	4.140E-04
581	1.98036	LIVE	0.039	0.0062	4.140E-04
581	2.47545	LIVE	0.039	0.0062	4.140E-04
581	2.97054	LIVE	0.039	0.0062	4.140E-04
581	3.46564	LIVE	0.039	0.0062	4.140E-04
581	3.96073	LIVE	0.039	0.0062	4.140E-04
581	0.	WB	0.1656	0.1082	-0.0056
581	0.49509	WB	0.1656	0.1082	-0.0056
581	0.99018	WB	0.1656	0.1082	-0.0056
581	1.48527	WB	0.1656	0.1082	-0.0056
581	1.98036	WB	0.1656	0.1082	-0.0056
581	2.47545	WB	0.1656	0.1082	-0.0056
581	2.97054	WB	0.1656	0.1082	-0.0056
581	3.46564	WB	0.1656	0.1082	-0.0056
581	3.96073	WB	0.1656	0.1082	-0.0056
581	0.	WS	0.2878	0.1693	-0.0058
581	0.49509	WS	0.2878	0.1693	-0.0058
581	0.99018	WS	0.2878	0.1693	-0.0058
581	1.48527	WS	0.2878	0.1693	-0.0058
581	1.98036	WS	0.2878	0.1693	-0.0058
581	2.47545	WS	0.2878	0.1693	-0.0058
581	2.97054	WS	0.2878	0.1693	-0.0058
581	3.46564	WS	0.2878	0.1693	-0.0058
581	3.96073	WS	0.2878	0.1693	-0.0058
582	0.	DEAD	5.591E-05	8.358E-05	-6.445E-05
582	0.4625	DEAD	5.591E-05	0.0082	-6.445E-05
582	0.925	DEAD	5.591E-05	0.0164	-6.445E-05
582	1.3875	DEAD	5.591E-05	0.0245	-6.445E-05
582	1.85	DEAD	5.591E-05	0.0327	-6.445E-05
582	2.3125	DEAD	5.591E-05	0.0408	-6.445E-05
582	2.775	DEAD	5.591E-05	0.049	-6.445E-05
582	3.2375	DEAD	5.591E-05	0.0571	-6.445E-05
582	3.7	DEAD	5.591E-05	0.0653	-6.445E-05
582	0.	LIVE	-0.0191	0.0096	1.753E-04
582	0.4625	LIVE	-0.0191	0.0096	1.753E-04
582	0.925	LIVE	-0.0191	0.0096	1.753E-04
582	1.3875	LIVE	-0.0191	0.0096	1.753E-04
582	1.85	LIVE	-0.0191	0.0096	1.753E-04
582	2.3125	LIVE	-0.0191	0.0096	1.753E-04
582	2.775	LIVE	-0.0191	0.0096	1.753E-04
582	3.2375	LIVE	-0.0191	0.0096	1.753E-04
582	3.7	LIVE	-0.0191	0.0096	1.753E-04
582	0.	WB	-0.1579	0.1239	-0.0064

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
582	0.4625	WB	-0.1579	0.1239	-0.0064
582	0.925	WB	-0.1579	0.1239	-0.0064
582	1.3875	WB	-0.1579	0.1239	-0.0064
582	1.85	WB	-0.1579	0.1239	-0.0064
582	2.3125	WB	-0.1579	0.1239	-0.0064
582	2.775	WB	-0.1579	0.1239	-0.0064
582	3.2375	WB	-0.1579	0.1239	-0.0064
582	3.7	WB	-0.1579	0.1239	-0.0064
582	0.	WS	-0.2377	0.1933	-0.0079
582	0.4625	WS	-0.2377	0.1933	-0.0079
582	0.925	WS	-0.2377	0.1933	-0.0079
582	1.3875	WS	-0.2377	0.1933	-0.0079
582	1.85	WS	-0.2377	0.1933	-0.0079
582	2.3125	WS	-0.2377	0.1933	-0.0079
582	2.775	WS	-0.2377	0.1933	-0.0079
582	3.2375	WS	-0.2377	0.1933	-0.0079
582	3.7	WS	-0.2377	0.1933	-0.0079
585	0.	DEAD	4.424E-05	-0.0679	-0.009
585	0.4625	DEAD	4.424E-05	-0.0598	-0.009
585	0.925	DEAD	4.424E-05	-0.0516	-0.009
585	1.3875	DEAD	4.424E-05	-0.0435	-0.009
585	1.85	DEAD	4.424E-05	-0.0353	-0.009
585	2.3125	DEAD	4.424E-05	-0.0272	-0.009
585	2.775	DEAD	4.424E-05	-0.019	-0.009
585	3.2375	DEAD	4.424E-05	-0.0109	-0.009
585	3.7	DEAD	4.424E-05	-0.0027	-0.009
585	0.	LIVE	-0.0236	-0.0101	-0.0028
585	0.4625	LIVE	-0.0236	-0.0101	-0.0028
585	0.925	LIVE	-0.0236	-0.0101	-0.0028
585	1.3875	LIVE	-0.0236	-0.0101	-0.0028
585	1.85	LIVE	-0.0236	-0.0101	-0.0028
585	2.3125	LIVE	-0.0236	-0.0101	-0.0028
585	2.775	LIVE	-0.0236	-0.0101	-0.0028
585	3.2375	LIVE	-0.0236	-0.0101	-0.0028
585	3.7	LIVE	-0.0236	-0.0101	-0.0028
585	0.	WB	-0.149	-0.1195	0.0057
585	0.4625	WB	-0.149	-0.1195	0.0057
585	0.925	WB	-0.149	-0.1195	0.0057
585	1.3875	WB	-0.149	-0.1195	0.0057
585	1.85	WB	-0.149	-0.1195	0.0057
585	2.3125	WB	-0.149	-0.1195	0.0057
585	2.775	WB	-0.149	-0.1195	0.0057
585	3.2375	WB	-0.149	-0.1195	0.0057
585	3.7	WB	-0.149	-0.1195	0.0057
585	0.	WS	-0.2299	-0.1893	0.0076
585	0.4625	WS	-0.2299	-0.1893	0.0076
585	0.925	WS	-0.2299	-0.1893	0.0076
585	1.3875	WS	-0.2299	-0.1893	0.0076
585	1.85	WS	-0.2299	-0.1893	0.0076
585	2.3125	WS	-0.2299	-0.1893	0.0076
585	2.775	WS	-0.2299	-0.1893	0.0076
585	3.2375	WS	-0.2299	-0.1893	0.0076
585	3.7	WS	-0.2299	-0.1893	0.0076
586	0.	DEAD	0.2231	-0.0582	0.0063

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
586	0.49509	DEAD	0.2231	-0.0495	0.0063
586	0.99018	DEAD	0.2231	-0.0407	0.0063
586	1.48527	DEAD	0.2231	-0.032	0.0063
586	1.98036	DEAD	0.2231	-0.0233	0.0063
586	2.47545	DEAD	0.2231	-0.0146	0.0063
586	2.97054	DEAD	0.2231	-0.0059	0.0063
586	3.46564	DEAD	0.2231	0.0029	0.0063
586	3.96073	DEAD	0.2231	0.0116	0.0063
586	0.	LIVE	0.0301	-0.0066	0.0017
586	0.49509	LIVE	0.0301	-0.0066	0.0017
586	0.99018	LIVE	0.0301	-0.0066	0.0017
586	1.48527	LIVE	0.0301	-0.0066	0.0017
586	1.98036	LIVE	0.0301	-0.0066	0.0017
586	2.47545	LIVE	0.0301	-0.0066	0.0017
586	2.97054	LIVE	0.0301	-0.0066	0.0017
586	3.46564	LIVE	0.0301	-0.0066	0.0017
586	3.96073	LIVE	0.0301	-0.0066	0.0017
586	0.	WB	0.1533	-0.1043	0.0068
586	0.49509	WB	0.1533	-0.1043	0.0068
586	0.99018	WB	0.1533	-0.1043	0.0068
586	1.48527	WB	0.1533	-0.1043	0.0068
586	1.98036	WB	0.1533	-0.1043	0.0068
586	2.47545	WB	0.1533	-0.1043	0.0068
586	2.97054	WB	0.1533	-0.1043	0.0068
586	3.46564	WB	0.1533	-0.1043	0.0068
586	3.96073	WB	0.1533	-0.1043	0.0068
586	0.	WS	0.2745	-0.1658	0.0071
586	0.49509	WS	0.2745	-0.1658	0.0071
586	0.99018	WS	0.2745	-0.1658	0.0071
586	1.48527	WS	0.2745	-0.1658	0.0071
586	1.98036	WS	0.2745	-0.1658	0.0071
586	2.47545	WS	0.2745	-0.1658	0.0071
586	2.97054	WS	0.2745	-0.1658	0.0071
586	3.46564	WS	0.2745	-0.1658	0.0071
586	3.96073	WS	0.2745	-0.1658	0.0071
587	0.	DEAD	0.2148	-0.6257	-5.342E-04
587	0.48182	DEAD	0.2147	-0.5131	-5.342E-04
587	0.96364	DEAD	0.2146	-0.4005	-5.342E-04
587	1.44546	DEAD	0.2145	-0.2879	-5.342E-04
587	1.92728	DEAD	0.2144	-0.1753	-5.342E-04
587	2.4091	DEAD	0.2143	-0.0628	-5.342E-04
587	2.89092	DEAD	0.2142	0.0498	-5.342E-04
587	3.37274	DEAD	0.2142	0.1624	-5.342E-04
587	3.85456	DEAD	0.2141	0.275	-5.342E-04
587	4.33638	DEAD	0.214	0.3876	-5.342E-04
587	4.8182	DEAD	0.2139	0.5002	-5.342E-04
587	5.30002	DEAD	0.2138	0.6128	-5.342E-04
587	0.	LIVE	0.0561	-0.2008	-1.394E-04
587	0.48182	LIVE	0.056	-0.1647	-1.394E-04
587	0.96364	LIVE	0.056	-0.1286	-1.394E-04
587	1.44546	LIVE	0.056	-0.0924	-1.394E-04
587	1.92728	LIVE	0.056	-0.0563	-1.394E-04
587	2.4091	LIVE	0.0559	-0.0202	-1.394E-04
587	2.89092	LIVE	0.0559	0.016	-1.394E-04

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
587	3.37274	LIVE	0.0559	0.0521	-1.394E-04
587	3.85456	LIVE	0.0558	0.0882	-1.394E-04
587	4.33638	LIVE	0.0558	0.1244	-1.394E-04
587	4.8182	LIVE	0.0558	0.1605	-1.394E-04
587	5.30002	LIVE	0.0558	0.1967	-1.394E-04
587	0.	WB	-0.2964	-0.1645	-0.0736
587	0.48182	WB	-0.2964	-0.1355	-0.0596
587	0.96364	WB	-0.2964	-0.1066	-0.0456
587	1.44546	WB	-0.2965	-0.0777	-0.0315
587	1.92728	WB	-0.2965	-0.0488	-0.0175
587	2.4091	WB	-0.2965	-0.0199	-0.0035
587	2.89092	WB	-0.2965	0.009	0.0105
587	3.37274	WB	-0.2965	0.0379	0.0246
587	3.85456	WB	-0.2966	0.0668	0.0386
587	4.33638	WB	-0.2966	0.0957	0.0526
587	4.8182	WB	-0.2966	0.1246	0.0667
587	5.30002	WB	-0.2966	0.1535	0.0807
587	0.	WS	-0.4045	-0.006	-0.0693
587	0.48182	WS	-0.4045	-0.006	-0.0552
587	0.96364	WS	-0.4045	-0.006	-0.0412
587	1.44546	WS	-0.4045	-0.006	-0.0272
587	1.92728	WS	-0.4045	-0.006	-0.0131
587	2.4091	WS	-0.4045	-0.006	8.879E-04
587	2.89092	WS	-0.4045	-0.006	0.0149
587	3.37274	WS	-0.4045	-0.006	0.0289
587	3.85456	WS	-0.4045	-0.006	0.043
587	4.33638	WS	-0.4045	-0.006	0.057
587	4.8182	WS	-0.4045	-0.006	0.071
587	5.30002	WS	-0.4045	-0.006	0.0851
590	0.	DEAD	-0.1863	-0.5989	-0.0065
590	0.48182	DEAD	-0.1863	-0.4864	-0.0065
590	0.96364	DEAD	-0.1863	-0.3738	-0.0065
590	1.44545	DEAD	-0.1863	-0.2612	-0.0065
590	1.92727	DEAD	-0.1863	-0.1486	-0.0065
590	2.40909	DEAD	-0.1863	-0.036	-0.0065
590	2.89091	DEAD	-0.1863	0.0766	-0.0065
590	3.37273	DEAD	-0.1863	0.1891	-0.0065
590	3.85455	DEAD	-0.1863	0.3017	-0.0065
590	4.33636	DEAD	-0.1863	0.4143	-0.0065
590	4.81818	DEAD	-0.1863	0.5269	-0.0065
590	5.3	DEAD	-0.1863	0.6395	-0.0065
590	0.	LIVE	-0.0473	-0.1924	-0.002
590	0.48182	LIVE	-0.0473	-0.1563	-0.002
590	0.96364	LIVE	-0.0473	-0.1202	-0.002
590	1.44545	LIVE	-0.0473	-0.084	-0.002
590	1.92727	LIVE	-0.0473	-0.0479	-0.002
590	2.40909	LIVE	-0.0473	-0.0118	-0.002
590	2.89091	LIVE	-0.0473	0.0244	-0.002
590	3.37273	LIVE	-0.0473	0.0605	-0.002
590	3.85455	LIVE	-0.0473	0.0967	-0.002
590	4.33636	LIVE	-0.0473	0.1328	-0.002
590	4.81818	LIVE	-0.0473	0.1689	-0.002
590	5.3	LIVE	-0.0473	0.2051	-0.002
590	0.	WB	-0.0442	-0.1532	0.0813

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
590	0.48182	WB	-0.0442	-0.1243	0.0672
590	0.96364	WB	-0.0442	-0.0954	0.0532
590	1.44545	WB	-0.0442	-0.0665	0.0392
590	1.92727	WB	-0.0442	-0.0376	0.0252
590	2.40909	WB	-0.0442	-0.0087	0.0111
590	2.89091	WB	-0.0442	0.0202	-0.0029
590	3.37273	WB	-0.0442	0.0491	-0.0169
590	3.85455	WB	-0.0442	0.0781	-0.031
590	4.33636	WB	-0.0442	0.107	-0.045
590	4.81818	WB	-0.0442	0.1359	-0.059
590	5.3	WB	-0.0442	0.1648	-0.0731
590	0.	WS	-0.0188	0.0036	0.0875
590	0.48182	WS	-0.0188	0.0036	0.0734
590	0.96364	WS	-0.0188	0.0036	0.0594
590	1.44545	WS	-0.0188	0.0036	0.0454
590	1.92727	WS	-0.0188	0.0036	0.0314
590	2.40909	WS	-0.0188	0.0036	0.0173
590	2.89091	WS	-0.0188	0.0036	0.0033
590	3.37273	WS	-0.0188	0.0036	-0.0107
590	3.85455	WS	-0.0188	0.0036	-0.0248
590	4.33636	WS	-0.0188	0.0036	-0.0388
590	4.81818	WS	-0.0188	0.0036	-0.0528
590	5.3	WS	-0.0188	0.0036	-0.0668
593	0.	DEAD	-0.0825	-0.5987	-0.0027
593	0.48182	DEAD	-0.0825	-0.4861	-0.0027
593	0.96364	DEAD	-0.0825	-0.3735	-0.0027
593	1.44545	DEAD	-0.0825	-0.261	-0.0027
593	1.92727	DEAD	-0.0825	-0.1484	-0.0027
593	2.40909	DEAD	-0.0825	-0.0358	-0.0027
593	2.89091	DEAD	-0.0825	0.0768	-0.0027
593	3.37273	DEAD	-0.0825	0.1894	-0.0027
593	3.85455	DEAD	-0.0825	0.302	-0.0027
593	4.33636	DEAD	-0.0825	0.4145	-0.0027
593	4.81818	DEAD	-0.0825	0.5271	-0.0027
593	5.3	DEAD	-0.0825	0.6397	-0.0027
593	0.	LIVE	-0.0211	-0.1923	-7.918E-04
593	0.48182	LIVE	-0.0211	-0.1562	-7.918E-04
593	0.96364	LIVE	-0.0211	-0.12	-7.918E-04
593	1.44545	LIVE	-0.0211	-0.0839	-7.918E-04
593	1.92727	LIVE	-0.0211	-0.0477	-7.918E-04
593	2.40909	LIVE	-0.0211	-0.0116	-7.918E-04
593	2.89091	LIVE	-0.0211	0.0245	-7.918E-04
593	3.37273	LIVE	-0.0211	0.0607	-7.918E-04
593	3.85455	LIVE	-0.0211	0.0968	-7.918E-04
593	4.33636	LIVE	-0.0211	0.1329	-7.918E-04
593	4.81818	LIVE	-0.0211	0.1691	-7.918E-04
593	5.3	LIVE	-0.0211	0.2052	-7.918E-04
593	0.	WB	-0.0795	-0.1526	0.0815
593	0.48182	WB	-0.0795	-0.1237	0.0674
593	0.96364	WB	-0.0795	-0.0948	0.0534
593	1.44545	WB	-0.0795	-0.0659	0.0394
593	1.92727	WB	-0.0795	-0.037	0.0253
593	2.40909	WB	-0.0795	-0.0081	0.0113
593	2.89091	WB	-0.0795	0.0209	-0.0027

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
593	3.37273	WB	-0.0795	0.0498	-0.0167
593	3.85455	WB	-0.0795	0.0787	-0.0308
593	4.33636	WB	-0.0795	0.1076	-0.0448
593	4.81818	WB	-0.0795	0.1365	-0.0588
593	5.3	WB	-0.0795	0.1654	-0.0729
593	0.	WS	-0.0991	0.003	0.0871
593	0.48182	WS	-0.0991	0.003	0.0731
593	0.96364	WS	-0.0991	0.003	0.0591
593	1.44545	WS	-0.0991	0.003	0.045
593	1.92727	WS	-0.0991	0.003	0.031
593	2.40909	WS	-0.0991	0.003	0.017
593	2.89091	WS	-0.0991	0.003	0.0029
593	3.37273	WS	-0.0991	0.003	-0.0111
593	3.85455	WS	-0.0991	0.003	-0.0251
593	4.33636	WS	-0.0991	0.003	-0.0392
593	4.81818	WS	-0.0991	0.003	-0.0532
593	5.3	WS	-0.0991	0.003	-0.0672
596	0.	DEAD	0.0884	-0.6374	-0.0026
596	0.48182	DEAD	0.0884	-0.5248	-0.0026
596	0.96364	DEAD	0.0884	-0.4122	-0.0026
596	1.44545	DEAD	0.0884	-0.2997	-0.0026
596	1.92727	DEAD	0.0884	-0.1871	-0.0026
596	2.40909	DEAD	0.0884	-0.0745	-0.0026
596	2.89091	DEAD	0.0884	0.0381	-0.0026
596	3.37273	DEAD	0.0884	0.1507	-0.0026
596	3.85455	DEAD	0.0884	0.2633	-0.0026
596	4.33636	DEAD	0.0884	0.3759	-0.0026
596	4.81818	DEAD	0.0884	0.4884	-0.0026
596	5.3	DEAD	0.0884	0.601	-0.0026
596	0.	LIVE	0.0204	-0.2045	-7.448E-04
596	0.48182	LIVE	0.0204	-0.1684	-7.448E-04
596	0.96364	LIVE	0.0204	-0.1323	-7.448E-04
596	1.44545	LIVE	0.0204	-0.0961	-7.448E-04
596	1.92727	LIVE	0.0204	-0.06	-7.448E-04
596	2.40909	LIVE	0.0204	-0.0239	-7.448E-04
596	2.89091	LIVE	0.0204	0.0123	-7.448E-04
596	3.37273	LIVE	0.0204	0.0484	-7.448E-04
596	3.85455	LIVE	0.0204	0.0846	-7.448E-04
596	4.33636	LIVE	0.0204	0.1207	-7.448E-04
596	4.81818	LIVE	0.0204	0.1568	-7.448E-04
596	5.3	LIVE	0.0204	0.193	-7.448E-04
596	0.	WB	-0.1308	-0.1656	-0.0733
596	0.48182	WB	-0.1308	-0.1367	-0.0593
596	0.96364	WB	-0.1308	-0.1078	-0.0453
596	1.44545	WB	-0.1308	-0.0789	-0.0313
596	1.92727	WB	-0.1308	-0.05	-0.0172
596	2.40909	WB	-0.1308	-0.0211	-0.0032
596	2.89091	WB	-0.1308	0.0078	0.0108
596	3.37273	WB	-0.1308	0.0367	0.0249
596	3.85455	WB	-0.1308	0.0656	0.0389
596	4.33636	WB	-0.1308	0.0945	0.0529
596	4.81818	WB	-0.1308	0.1235	0.0669
596	5.3	WB	-0.1308	0.1524	0.081
596	0.	WS	-0.1706	-0.0037	-0.068

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
596	0.48182	WS	-0.1706	-0.0037	-0.054
596	0.96364	WS	-0.1706	-0.0037	-0.0399
596	1.44545	WS	-0.1706	-0.0037	-0.0259
596	1.92727	WS	-0.1706	-0.0037	-0.0119
596	2.40909	WS	-0.1706	-0.0037	0.0021
596	2.89091	WS	-0.1706	-0.0037	0.0162
596	3.37273	WS	-0.1706	-0.0037	0.0302
596	3.85455	WS	-0.1706	-0.0037	0.0442
596	4.33636	WS	-0.1706	-0.0037	0.0583
596	4.81818	WS	-0.1706	-0.0037	0.0723
596	5.3	WS	-0.1706	-0.0037	0.0863
599	0.	DEAD	-1.1163	-0.5895	-0.0208
599	0.48182	DEAD	-1.1163	-0.4663	-0.0208
599	0.96364	DEAD	-1.1163	-0.3432	-0.0208
599	1.44545	DEAD	-1.1163	-0.22	-0.0208
599	1.92727	DEAD	-1.1163	-0.0969	-0.0208
599	2.40909	DEAD	-1.1163	0.0263	-0.0208
599	2.89091	DEAD	-1.1163	0.1495	-0.0208
599	3.37273	DEAD	-1.1163	0.2726	-0.0208
599	3.85455	DEAD	-1.1163	0.3958	-0.0208
599	4.33636	DEAD	-1.1163	0.5189	-0.0208
599	4.81818	DEAD	-1.1163	0.6421	-0.0208
599	5.3	DEAD	-1.1163	0.7652	-0.0208
599	0.	LIVE	-0.2825	-0.172	-0.0062
599	0.48182	LIVE	-0.2825	-0.1358	-0.0062
599	0.96364	LIVE	-0.2825	-0.0997	-0.0062
599	1.44545	LIVE	-0.2825	-0.0636	-0.0062
599	1.92727	LIVE	-0.2825	-0.0274	-0.0062
599	2.40909	LIVE	-0.2825	0.0087	-0.0062
599	2.89091	LIVE	-0.2825	0.0448	-0.0062
599	3.37273	LIVE	-0.2825	0.081	-0.0062
599	3.85455	LIVE	-0.2825	0.1171	-0.0062
599	4.33636	LIVE	-0.2825	0.1533	-0.0062
599	4.81818	LIVE	-0.2825	0.1894	-0.0062
599	5.3	LIVE	-0.2825	0.2255	-0.0062
599	0.	WB	-0.0409	-0.1353	0.1244
599	0.48182	WB	-0.0409	-0.1064	0.1069
599	0.96364	WB	-0.0409	-0.0775	0.0893
599	1.44545	WB	-0.0409	-0.0486	0.0718
599	1.92727	WB	-0.0409	-0.0197	0.0543
599	2.40909	WB	-0.0409	0.0092	0.0367
599	2.89091	WB	-0.0409	0.0381	0.0192
599	3.37273	WB	-0.0409	0.067	0.0017
599	3.85455	WB	-0.0409	0.096	-0.0159
599	4.33636	WB	-0.0409	0.1249	-0.0334
599	4.81818	WB	-0.0409	0.1538	-0.0509
599	5.3	WB	-0.0409	0.1827	-0.0685
599	0.	WS	0.1218	0.0116	0.1615
599	0.48182	WS	0.1218	0.0116	0.144
599	0.96364	WS	0.1218	0.0116	0.1265
599	1.44545	WS	0.1218	0.0116	0.1089
599	1.92727	WS	0.1218	0.0116	0.0914
599	2.40909	WS	0.1218	0.0116	0.0739
599	2.89091	WS	0.1218	0.0116	0.0563

Table 29: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	m		Tonf	Tonf	Tonf
599	3.37273	WS	0.1218	0.0116	0.0388
599	3.85455	WS	0.1218	0.0116	0.0212
599	4.33636	WS	0.1218	0.0116	0.0037
599	4.81818	WS	0.1218	0.0116	-0.0138
599	5.3	WS	0.1218	0.0116	-0.0314
610	0.	DEAD	-2.1557	-0.5787	0.0037
610	0.48182	DEAD	-2.1557	-0.4556	0.0037
610	0.96364	DEAD	-2.1557	-0.3324	0.0037
610	1.44545	DEAD	-2.1557	-0.2092	0.0037
610	1.92727	DEAD	-2.1557	-0.0861	0.0037
610	2.40909	DEAD	-2.1557	0.0371	0.0037
610	2.89091	DEAD	-2.1557	0.1602	0.0037
610	3.37273	DEAD	-2.1557	0.2834	0.0037
610	3.85455	DEAD	-2.1557	0.4066	0.0037
610	4.33636	DEAD	-2.1557	0.5297	0.0037
610	4.81818	DEAD	-2.1557	0.6529	0.0037
610	5.3	DEAD	-2.1557	0.776	0.0037
610	0.	LIVE	-0.6481	-0.1688	9.384E-04
610	0.48182	LIVE	-0.6481	-0.1327	9.384E-04
610	0.96364	LIVE	-0.6481	-0.0965	9.384E-04
610	1.44545	LIVE	-0.6481	-0.0604	9.384E-04
610	1.92727	LIVE	-0.6481	-0.0242	9.384E-04
610	2.40909	LIVE	-0.6481	0.0119	9.384E-04
610	2.89091	LIVE	-0.6481	0.048	9.384E-04
610	3.37273	LIVE	-0.6481	0.0842	9.384E-04
610	3.85455	LIVE	-0.6481	0.1203	9.384E-04
610	4.33636	LIVE	-0.6481	0.1564	9.384E-04
610	4.81818	LIVE	-0.6481	0.1926	9.384E-04
610	5.3	LIVE	-0.6481	0.2287	9.384E-04
610	0.	WB	-0.2124	0.0078	0.1227
610	0.48182	WB	-0.2124	0.0078	0.1052
610	0.96364	WB	-0.2124	0.0078	0.0876
610	1.44545	WB	-0.2124	0.0078	0.0701
610	1.92727	WB	-0.2124	0.0078	0.0526
610	2.40909	WB	-0.2124	0.0078	0.035
610	2.89091	WB	-0.2124	0.0078	0.0175
610	3.37273	WB	-0.2124	0.0078	-5.699E-05
610	3.85455	WB	-0.2124	0.0078	-0.0176
610	4.33636	WB	-0.2124	0.0078	-0.0351
610	4.81818	WB	-0.2124	0.0078	-0.0527
610	5.3	WB	-0.2124	0.0078	-0.0702
610	0.	WS	-0.0998	0.001	0.155
610	0.48182	WS	-0.0998	0.001	0.1374
610	0.96364	WS	-0.0998	0.001	0.1199
610	1.44545	WS	-0.0998	0.001	0.1024
610	1.92727	WS	-0.0998	0.001	0.0848
610	2.40909	WS	-0.0998	0.001	0.0673
610	2.89091	WS	-0.0998	0.001	0.0497
610	3.37273	WS	-0.0998	0.001	0.0322
610	3.85455	WS	-0.0998	0.001	0.0147
610	4.33636	WS	-0.0998	0.001	-0.0029
610	4.81818	WS	-0.0998	0.001	-0.0204
610	5.3	WS	-0.0998	0.001	-0.0379

Table 29: Element Forces - Frames, Part 2 of 2

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
23	0.	DEAD	0.27416	0.01561	-0.02342
23	0.45	DEAD	0.27416	-0.06539	-0.22118
23	0.9	DEAD	0.27416	-0.14639	-0.43125
23	1.35	DEAD	0.27416	-0.22739	-0.65363
23	1.35	DEAD	-0.0443	-0.25089	-0.37109
23	1.8125	DEAD	-0.0443	-0.19355	-0.26431
23	2.275	DEAD	-0.0443	-0.13621	-0.17052
23	2.7375	DEAD	-0.0443	-0.07887	-0.08974
23	3.2	DEAD	-0.0443	-0.02152	-0.02196
23	3.6625	DEAD	-0.0443	0.03582	0.03282
23	4.125	DEAD	-0.0443	0.09316	0.0746
23	4.5875	DEAD	-0.0443	0.1505	0.10338
23	5.05	DEAD	-0.0443	0.20784	0.11915
23	5.05	DEAD	0.04422	0.18979	-0.1588
23	5.54509	DEAD	0.04422	0.14245	-0.08959
23	6.04018	DEAD	0.04422	0.09512	-0.03528
23	6.53527	DEAD	0.04422	0.04779	0.00414
23	7.03036	DEAD	0.04422	0.00046	0.02865
23	7.52545	DEAD	0.04422	-0.04688	0.03827
23	8.02054	DEAD	0.04422	-0.09421	0.03298
23	8.51564	DEAD	0.04422	-0.14154	0.0128
23	9.01073	DEAD	0.04422	-0.18887	-0.02228
23	9.01073	DEAD	-0.23193	-0.21332	-0.37641
23	9.43573	DEAD	-0.23193	-0.10046	-0.18826
23	9.86073	DEAD	-0.23193	0.0124	-0.01109
23	0.	LIVE	0.08605	0.0046	-0.00684
23	0.45	LIVE	0.08605	-0.01683	-0.06785
23	0.9	LIVE	0.08605	-0.03826	-0.12886
23	1.35	LIVE	0.08605	-0.05969	-0.18988
23	1.35	LIVE	-0.00971	-0.07327	-0.09254
23	1.8125	LIVE	-0.00971	-0.0567	-0.07385
23	2.275	LIVE	-0.00971	-0.04012	-0.05517
23	2.7375	LIVE	-0.00971	-0.02355	-0.03649
23	3.2	LIVE	-0.00971	-0.00698	-0.0178
23	3.6625	LIVE	-0.00971	0.00959	0.00088
23	4.125	LIVE	-0.00971	0.02617	0.01957
23	4.5875	LIVE	-0.00971	0.04274	0.03825
23	5.05	LIVE	-0.00971	0.05931	0.05694
23	5.05	LIVE	0.01089	0.04686	-0.01632
23	5.54509	LIVE	0.01089	0.03464	-0.01389
23	6.04018	LIVE	0.01089	0.02242	-0.01146
23	6.53527	LIVE	0.01089	0.0102	-0.00903
23	7.03036	LIVE	0.01089	-0.00202	-0.0066
23	7.52545	LIVE	0.01089	-0.01424	-0.00417
23	8.02054	LIVE	0.01089	-0.02646	-0.00174
23	8.51564	LIVE	0.01089	-0.03868	0.00069
23	9.01073	LIVE	0.01089	-0.0509	0.00312
23	9.01073	LIVE	-0.07445	-0.0572	-0.11357
23	9.43573	LIVE	-0.07445	-0.02669	-0.05848
23	9.86073	LIVE	-0.07445	0.00383	-0.00339
23	0.	WB	0.02091	0.04393	-0.00565
23	0.45	WB	0.02091	0.00566	-0.0109

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
23	0.9	WB	0.02091	-0.03261	-0.01615
23	1.35	WB	0.02091	-0.07089	-0.0214
23	1.35	WB	-0.01093	0.09236	-0.58231
23	1.8125	WB	-0.01093	0.07297	-0.44538
23	2.275	WB	-0.01093	0.05358	-0.30846
23	2.7375	WB	-0.01093	0.03419	-0.17154
23	3.2	WB	-0.01093	0.0148	-0.03462
23	3.6625	WB	-0.01093	-0.00459	0.10231
23	4.125	WB	-0.01093	-0.02398	0.23923
23	4.5875	WB	-0.01093	-0.04337	0.37615
23	5.05	WB	-0.01093	-0.06276	0.51307
23	5.05	WB	-0.01615	0.08416	-0.47302
23	5.54509	WB	-0.01615	0.05756	-0.34836
23	6.04018	WB	-0.01615	0.03096	-0.22369
23	6.53527	WB	-0.01615	0.00436	-0.09903
23	7.03036	WB	-0.01615	-0.02224	0.02563
23	7.52545	WB	-0.01615	-0.04884	0.1503
23	8.02054	WB	-0.01615	-0.07544	0.27496
23	8.51564	WB	-0.01615	-0.10204	0.39962
23	9.01073	WB	-0.01615	-0.12864	0.52429
23	9.01073	WB	-0.04325	0.00568	-0.07779
23	9.43573	WB	-0.04325	-0.01632	-0.0375
23	9.86073	WB	-0.04325	-0.03831	0.00279
23	0.	WS	0.02455	0.11172	-0.00598
23	0.45	WS	0.02455	0.04749	-0.0123
23	0.9	WS	0.02455	-0.01674	-0.01861
23	1.35	WS	0.02455	-0.08097	-0.02492
23	1.35	WS	-0.0133	0.13521	-0.90695
23	1.8125	WS	-0.0133	0.1087	-0.69301
23	2.275	WS	-0.0133	0.08219	-0.47907
23	2.7375	WS	-0.0133	0.05569	-0.26513
23	3.2	WS	-0.0133	0.02918	-0.05119
23	3.6625	WS	-0.0133	0.00268	0.16275
23	4.125	WS	-0.0133	-0.02383	0.37669
23	4.5875	WS	-0.0133	-0.05033	0.59063
23	5.05	WS	-0.0133	-0.07684	0.80457
23	5.05	WS	-0.01032	0.08614	-0.75962
23	5.54509	WS	-0.01032	0.05893	-0.55746
23	6.04018	WS	-0.01032	0.03172	-0.35531
23	6.53527	WS	-0.01032	0.00451	-0.15315
23	7.03036	WS	-0.01032	-0.02271	0.04901
23	7.52545	WS	-0.01032	-0.04992	0.25117
23	8.02054	WS	-0.01032	-0.07713	0.45333
23	8.51564	WS	-0.01032	-0.10435	0.65549
23	9.01073	WS	-0.01032	-0.13156	0.85765
23	9.01073	WS	0.01862	0.03479	0.01456
23	9.43573	WS	0.01862	-0.0073	0.0102
23	9.86073	WS	0.01862	-0.0494	0.00585
30	0.	DEAD	-0.27306	-0.0164	-0.02259
30	0.45	DEAD	-0.27306	0.03435	-0.22053
30	0.9	DEAD	-0.27306	0.0851	-0.43078
30	1.35	DEAD	-0.27306	0.13585	-0.65333
30	1.35	DEAD	0.00147	0.07008	-0.35928
30	1.8125	DEAD	0.00147	0.06286	-0.25492

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
30	2.275	DEAD	0.00147	0.05564	-0.16357
30	2.7375	DEAD	0.00147	0.04841	-0.08522
30	3.2	DEAD	0.00147	0.04119	-0.01987
30	3.6625	DEAD	0.00147	0.03397	0.03248
30	4.125	DEAD	0.00147	0.02674	0.07182
30	4.5875	DEAD	0.00147	0.01952	0.09816
30	5.05	DEAD	0.00147	0.0123	0.11151
30	5.05	DEAD	-0.0035	0.0284	-0.15038
30	5.54509	DEAD	-0.0035	0.02738	-0.08349
30	6.04018	DEAD	-0.0035	0.02635	-0.03149
30	6.53527	DEAD	-0.0035	0.02533	0.00561
30	7.03036	DEAD	-0.0035	0.02431	0.0278
30	7.52545	DEAD	-0.0035	0.02328	0.0351
30	8.02054	DEAD	-0.0035	0.02226	0.0275
30	8.51564	DEAD	-0.0035	0.02124	0.00501
30	9.01073	DEAD	-0.0035	0.02022	-0.03239
30	9.01073	DEAD	0.23078	0.13962	-0.37623
30	9.43573	DEAD	0.23078	0.06211	-0.18795
30	9.86073	DEAD	0.23078	-0.01541	-0.01066
30	0.	LIVE	-0.08648	-0.00457	-0.00694
30	0.45	LIVE	-0.08648	0.00903	-0.06822
30	0.9	LIVE	-0.08648	0.02263	-0.12951
30	1.35	LIVE	-0.08648	0.03624	-0.19079
30	1.35	LIVE	-0.00025	0.02135	-0.09074
30	1.8125	LIVE	-0.00025	0.01886	-0.07237
30	2.275	LIVE	-0.00025	0.01636	-0.054
30	2.7375	LIVE	-0.00025	0.01387	-0.03563
30	3.2	LIVE	-0.00025	0.01138	-0.01726
30	3.6625	LIVE	-0.00025	0.00888	0.00112
30	4.125	LIVE	-0.00025	0.00639	0.01949
30	4.5875	LIVE	-0.00025	0.00389	0.03786
30	5.05	LIVE	-0.00025	0.0014	0.05623
30	5.05	LIVE	-0.00048	0.00698	-0.01821
30	5.54509	LIVE	-0.00048	0.00683	-0.01499
30	6.04018	LIVE	-0.00048	0.00668	-0.01178
30	6.53527	LIVE	-0.00048	0.00653	-0.00857
30	7.03036	LIVE	-0.00048	0.00638	-0.00536
30	7.52545	LIVE	-0.00048	0.00623	-0.00215
30	8.02054	LIVE	-0.00048	0.00608	0.00107
30	8.51564	LIVE	-0.00048	0.00593	0.00428
30	9.01073	LIVE	-0.00048	0.00578	0.00749
30	9.01073	LIVE	0.07385	0.03747	-0.11338
30	9.43573	LIVE	0.07385	0.01656	-0.05838
30	9.86073	LIVE	0.07385	-0.00435	-0.00337
30	0.	WB	-0.02062	-0.04367	-0.00534
30	0.45	WB	-0.02062	-0.00645	-0.01054
30	0.9	WB	-0.02062	0.03078	-0.01573
30	1.35	WB	-0.02062	0.068	-0.02093
30	1.35	WB	0.00989	-0.0968	-0.59768
30	1.8125	WB	0.00989	-0.07455	-0.45739
30	2.275	WB	0.00989	-0.05231	-0.31709
30	2.7375	WB	0.00989	-0.03006	-0.1768
30	3.2	WB	0.00989	-0.00781	-0.03651
30	3.6625	WB	0.00989	0.01443	0.10378

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
30	4.125	WB	0.00989	0.03668	0.24407
30	4.5875	WB	0.00989	0.05893	0.38436
30	5.05	WB	0.00989	0.08117	0.52466
30	5.05	WB	0.01918	-0.06871	-0.48364
30	5.54509	WB	0.01918	-0.0466	-0.35585
30	6.04018	WB	0.01918	-0.02449	-0.22807
30	6.53527	WB	0.01918	-0.00239	-0.10028
30	7.03036	WB	0.01918	0.01972	0.0275
30	7.52545	WB	0.01918	0.04183	0.15528
30	8.02054	WB	0.01918	0.06393	0.28307
30	8.51564	WB	0.01918	0.08604	0.41085
30	9.01073	WB	0.01918	0.10814	0.53864
30	9.01073	WB	0.04375	0.00081	-0.07849
30	9.43573	WB	0.04375	0.01906	-0.038
30	9.86073	WB	0.04375	0.0373	0.00248
30	0.	WS	-0.02391	-0.11095	-0.00556
30	0.45	WS	-0.02391	-0.04764	-0.01174
30	0.9	WS	-0.02391	0.01567	-0.01792
30	1.35	WS	-0.02391	0.07898	-0.02409
30	1.35	WS	0.01193	-0.13454	-0.91915
30	1.8125	WS	0.01193	-0.10623	-0.70262
30	2.275	WS	0.01193	-0.07792	-0.48609
30	2.7375	WS	0.01193	-0.0496	-0.26955
30	3.2	WS	0.01193	-0.02129	-0.05302
30	3.6625	WS	0.01193	0.00703	0.16351
30	4.125	WS	0.01193	0.03534	0.38005
30	4.5875	WS	0.01193	0.06365	0.59658
30	5.05	WS	0.01193	0.09197	0.81312
30	5.05	WS	0.0133	-0.07182	-0.76799
30	5.54509	WS	0.0133	-0.04937	-0.56324
30	6.04018	WS	0.0133	-0.02692	-0.35848
30	6.53527	WS	0.0133	-0.00447	-0.15373
30	7.03036	WS	0.0133	0.01798	0.05102
30	7.52545	WS	0.0133	0.04043	0.25578
30	8.02054	WS	0.0133	0.06288	0.46053
30	8.51564	WS	0.0133	0.08533	0.66528
30	9.01073	WS	0.0133	0.10778	0.87004
30	9.01073	WS	-0.0178	-0.03148	0.01362
30	9.43573	WS	-0.0178	0.00838	0.00953
30	9.86073	WS	-0.0178	0.04824	0.00544
35	0.	DEAD	8.327E-17	2.220E-16	3.553E-15
35	0.00734	DEAD	8.327E-17	2.220E-16	-1.352E-06
35	0.01468	DEAD	8.327E-17	2.220E-16	-5.407E-06
35	0.	LIVE	2.255E-17	-5.551E-17	1.776E-15
35	0.00734	LIVE	2.255E-17	-5.551E-17	1.672E-15
35	0.01468	LIVE	2.255E-17	-5.551E-17	1.568E-15
35	0.	WB	5.898E-17	4.441E-16	0.
35	0.00734	WB	5.898E-17	2.354E-16	-6.770E-08
35	0.01468	WB	5.898E-17	2.674E-17	-2.708E-07
35	0.	WS	5.551E-17	-4.441E-16	1.421E-14
35	0.00734	WS	5.551E-17	-8.614E-16	-6.770E-08
35	0.01468	WS	5.551E-17	-1.279E-15	-2.708E-07
81	0.	DEAD	-0.04509	-0.18196	-0.28276
81	0.5	DEAD	-0.04509	-0.09429	-0.13941

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
81	1.	DEAD	-0.04509	-0.00661	-0.05997
81	1.5	DEAD	-0.04509	0.08106	-0.04442
81	2.	DEAD	-0.04509	0.16873	-0.09278
81	0.	LIVE	-0.01259	-0.05567	-0.09117
81	0.5	LIVE	-0.01259	-0.02938	-0.04845
81	1.	LIVE	-0.01259	-0.00309	-0.02447
81	1.5	LIVE	-0.01259	0.0232	-0.01925
81	2.	LIVE	-0.01259	0.04949	-0.03278
81	0.	WB	0.03557	-0.26698	-0.02784
81	0.5	WB	0.03557	-0.13453	-0.017
81	1.	WB	0.03557	-0.01119	-0.00616
81	1.5	WB	0.03557	0.10305	0.00469
81	2.	WB	0.03557	0.2082	0.01553
81	0.	WS	0.00832	-0.49085	-0.01326
81	0.5	WS	0.00832	-0.24961	-0.0052
81	1.	WS	0.00832	-0.01748	0.00287
81	1.5	WS	0.00832	0.20555	0.01094
81	2.	WS	0.00832	0.41949	0.019
85	0.	DEAD	0.06065	0.	0.
85	0.49527	DEAD	0.06065	0.	0.01126
85	0.99053	DEAD	0.06065	0.	0.01502
85	1.4858	DEAD	0.06065	0.	0.01126
85	1.98106	DEAD	0.06065	0.	9.011E-18
85	0.	LIVE	0.02407	0.	0.
85	0.49527	LIVE	0.02407	0.	0.
85	0.99053	LIVE	0.02407	0.	0.
85	1.4858	LIVE	0.02407	0.	0.
85	1.98106	LIVE	0.02407	0.	0.
85	0.	WB	-0.02795	0.	0.
85	0.49527	WB	-0.02795	0.	0.
85	0.99053	WB	-0.02795	0.	0.
85	1.4858	WB	-0.02795	0.	0.
85	1.98106	WB	-0.02795	0.	0.
85	0.	WS	-0.02336	0.	0.
85	0.49527	WS	-0.02336	0.	0.
85	0.99053	WS	-0.02336	0.	0.
85	1.4858	WS	-0.02336	0.	0.
85	1.98106	WS	-0.02336	0.	0.
86	0.	DEAD	0.00995	0.	0.
86	0.49527	DEAD	0.00995	0.	0.01126
86	0.99053	DEAD	0.00995	0.	0.01502
86	1.4858	DEAD	0.00995	0.	0.01126
86	1.98106	DEAD	0.00995	0.	7.710E-18
86	0.	LIVE	0.00035	0.	0.
86	0.49527	LIVE	0.00035	0.	0.
86	0.99053	LIVE	0.00035	0.	0.
86	1.4858	LIVE	0.00035	0.	0.
86	1.98106	LIVE	0.00035	0.	0.
86	0.	WB	-0.04631	0.	0.
86	0.49527	WB	-0.04631	0.	0.
86	0.99053	WB	-0.04631	0.	0.
86	1.4858	WB	-0.04631	0.	0.
86	1.98106	WB	-0.04631	0.	0.
86	0.	WS	-0.02616	0.	0.

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
86	0.49527	WS	-0.02616	0.	0.
86	0.99053	WS	-0.02616	0.	0.
86	1.4858	WS	-0.02616	0.	0.
86	1.98106	WS	-0.02616	0.	0.
89	0.	DEAD	-0.01544	0.57841	-0.05707
89	0.53171	DEAD	-0.01544	0.18733	0.01046
89	1.06342	DEAD	-0.01544	-0.20375	0.06993
89	0.	LIVE	-0.00556	0.16538	-0.01589
89	0.53171	LIVE	-0.00556	0.05189	0.00559
89	1.06342	LIVE	-0.00556	-0.0616	0.02707
89	0.	WB	-0.04019	0.24284	-0.10833
89	0.53171	WB	-0.04019	0.0921	-0.09135
89	1.06342	WB	-0.04019	-0.05865	-0.07302
89	0.	WS	-0.02824	0.34919	-0.11098
89	0.53171	WS	-0.02824	0.13672	-0.09101
89	1.06342	WS	-0.02824	-0.07575	-0.06968
90	0.	DEAD	0.07612	-0.02977	0.05823
90	0.53171	DEAD	0.07612	-0.30254	0.00241
90	1.06342	DEAD	0.07612	-0.5753	-0.06148
90	0.	LIVE	0.02304	-0.00908	0.02373
90	0.53171	LIVE	0.02304	-0.08647	0.0114
90	1.06342	LIVE	0.02304	-0.16386	-0.00092
90	0.	WB	-0.03877	0.018	-0.06992
90	0.53171	WB	-0.03877	-0.09573	-0.04784
90	1.06342	WB	-0.03877	-0.20946	-0.02439
90	0.	WS	-0.03134	0.05174	-0.06916
90	0.53171	WS	-0.03134	-0.11878	-0.03579
90	1.06342	WS	-0.03134	-0.28931	-0.00106
91	0.	DEAD	-0.075	0.66242	0.28809
91	0.54596	DEAD	-0.075	0.2195	0.31738
91	1.09191	DEAD	-0.075	-0.22342	0.33816
91	0.	LIVE	-0.02633	0.19681	0.07127
91	0.54596	LIVE	-0.02633	0.0643	0.08956
91	1.09191	LIVE	-0.02633	-0.06822	0.10784
91	0.	WB	-0.01331	0.23758	-0.10052
91	0.54596	WB	-0.01331	0.08326	-0.10008
91	1.09191	WB	-0.01331	-0.07107	-0.09823
91	0.	WS	0.00666	0.38008	-0.08533
91	0.54596	WS	0.00666	0.11721	-0.09458
91	1.09191	WS	0.00666	-0.14565	-0.1024
92	0.	DEAD	0.23273	0.09626	0.34635
92	0.54596	DEAD	0.23273	-0.36062	-0.07732
92	1.09191	DEAD	0.23273	-0.81751	-0.5095
92	0.	LIVE	0.07187	0.0311	0.11033
92	0.54596	LIVE	0.07187	-0.11143	-0.01204
92	1.09191	LIVE	0.07187	-0.25396	-0.13441
92	0.	WB	-0.03361	0.07279	-0.10054
92	0.54596	WB	-0.03361	-0.11599	-0.07628
92	1.09191	WB	-0.03361	-0.30477	-0.0506
92	0.	WS	-0.042	0.1579	-0.10332
92	0.54596	WS	-0.042	-0.12519	-0.04253
92	1.09191	WS	-0.042	-0.40829	0.01967
95	0.	DEAD	0.08736	-0.57601	0.25798
95	1.09191	DEAD	0.08736	0.19927	0.3185

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
95	1.09191	DEAD	-0.20937	-0.09522	0.32862
95	2.18383	DEAD	-0.20937	0.73504	-0.49792
95	0.	LIVE	0.02925	-0.17063	0.06455
95	1.09191	LIVE	0.02925	0.06041	0.09595
95	1.09191	LIVE	-0.06609	-0.03033	0.09897
95	2.18383	LIVE	-0.06609	0.22011	-0.1451
95	0.	WB	0.01508	-0.21148	-0.08514
95	1.09191	WB	0.01508	0.07802	-0.08887
95	1.09191	WB	0.03803	-0.05284	-0.09123
95	2.18383	WB	0.03803	0.26355	-0.04622
95	0.	WS	-0.00407	-0.34625	-0.06706
95	1.09191	WS	-0.00407	0.15409	-0.09153
95	1.09191	WS	0.04685	-0.13007	-0.0924
95	2.18383	WS	0.04685	0.35379	0.02308
97	0.	DEAD	-0.06685	-0.55145	-0.05436
97	0.53171	DEAD	-0.06685	-0.29093	0.00262
97	1.06342	DEAD	-0.06685	-0.03041	0.05154
97	0.	LIVE	-0.01962	-0.16315	-0.01116
97	0.53171	LIVE	-0.01962	-0.08555	0.00099
97	1.06342	LIVE	-0.01962	-0.00795	0.01315
97	0.	WB	0.03381	-0.19257	-0.02553
97	0.53171	WB	0.03381	-0.09046	-0.03149
97	1.06342	WB	0.03381	0.01166	-0.03608
97	0.	WS	0.02356	-0.263	-0.00371
97	0.53171	WS	0.02356	-0.11009	-0.01898
97	1.06342	WS	0.02356	0.04283	-0.03288
98	0.	DEAD	0.02579	-0.19441	0.06188
98	0.53171	DEAD	0.02579	0.21142	-0.00742
98	1.06342	DEAD	0.02579	0.61726	-0.08478
98	0.	LIVE	0.00879	-0.05702	0.01618
98	0.53171	LIVE	0.00879	0.06105	-0.00636
98	1.06342	LIVE	0.00879	0.17912	-0.0289
98	0.	WB	0.0293	-0.05861	-0.0399
98	0.53171	WB	0.0293	0.0551	-0.03743
98	1.06342	WB	0.0293	0.16881	-0.03361
98	0.	WS	0.0134	-0.07527	-0.03419
98	0.53171	WS	0.0134	0.08478	-0.03237
98	1.06342	WS	0.0134	0.24483	-0.02918
103	0.	DEAD	0.17041	0.57679	-0.46349
103	1.09095	DEAD	0.17041	-0.0579	0.31641
103	1.09095	DEAD	-0.12369	0.17041	0.31808
103	2.1819	DEAD	-0.12369	-0.40506	0.19853
103	0.	LIVE	0.05467	0.17317	-0.13488
103	1.09095	LIVE	0.05467	-0.01935	0.09598
103	1.09095	LIVE	-0.03998	0.05173	0.09648
103	2.1819	LIVE	-0.03998	-0.11999	0.04824
103	0.	WB	0.09796	-0.14608	-0.0717
103	1.09095	WB	0.09796	0.0349	0.16615
103	1.09095	WB	-0.00459	-0.035	0.16256
103	2.1819	WB	-0.00459	0.10343	0.12921
103	0.	WS	0.02988	-0.33161	0.0156
103	1.09095	WS	0.02988	0.08125	0.07434
103	1.09095	WS	0.00542	-0.08931	0.07416
103	2.1819	WS	0.00542	0.27815	0.09116

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
107	0.	DEAD	-0.1619	-0.60088	-0.48576
107	0.54547	DEAD	-0.1619	-0.27707	-0.08093
107	1.09095	DEAD	-0.1619	0.04673	0.31541
107	0.	LIVE	-0.06286	-0.18536	-0.12576
107	0.54547	LIVE	-0.06286	-0.08286	-0.03141
107	1.09095	LIVE	-0.06286	0.01965	0.06293
107	0.	WB	-0.09552	0.1762	-0.07269
107	0.54547	WB	-0.09552	0.06054	0.0536
107	1.09095	WB	-0.09552	-0.05512	0.17849
107	0.	WS	-0.02572	0.37227	0.01485
107	0.54547	WS	-0.02572	0.13234	0.05194
107	1.09095	WS	-0.02572	-0.1076	0.08763
108	0.	DEAD	0.13858	-0.18399	0.31511
108	0.54547	DEAD	0.13858	0.11906	0.26233
108	1.09095	DEAD	0.13858	0.4221	0.20106
108	0.	LIVE	0.0531	-0.06102	0.06333
108	0.54547	LIVE	0.0531	0.03216	0.05448
108	1.09095	LIVE	0.0531	0.12533	0.04562
108	0.	WB	0.00658	0.02494	0.1749
108	0.54547	WB	0.00658	-0.04736	0.16372
108	1.09095	WB	0.00658	-0.11965	0.15113
108	0.	WS	-0.00326	0.07744	0.08733
108	0.54547	WS	-0.00326	-0.11231	0.10223
108	1.09095	WS	-0.00326	-0.30205	0.11573
109	0.	DEAD	-0.0044	-0.40797	-0.10656
109	0.53171	DEAD	-0.0044	-0.23703	-0.0252
109	1.06342	DEAD	-0.0044	-0.06609	0.04811
109	0.	LIVE	0.01105	-0.11741	-0.01351
109	0.53171	LIVE	0.01105	-0.07048	-0.01786
109	1.06342	LIVE	0.01105	-0.02355	-0.0222
109	0.	WB	-0.04741	0.11083	0.01117
109	0.53171	WB	-0.04741	0.04408	0.046
109	1.06342	WB	-0.04741	-0.02268	0.07946
109	0.	WS	-0.02819	0.26091	0.00726
109	0.53171	WS	-0.02819	0.10919	0.03733
109	1.06342	WS	-0.02819	-0.04253	0.06605
110	0.	DEAD	0.07834	-0.17151	0.04602
110	0.53171	DEAD	0.07834	0.09841	0.009
110	1.06342	DEAD	0.07834	0.36832	-0.03608
110	0.	LIVE	0.01796	-0.04715	-0.02315
110	0.53171	LIVE	0.01796	0.02751	-0.02321
110	1.06342	LIVE	0.01796	0.10216	-0.02327
110	0.	WB	-0.02813	0.02519	0.08394
110	0.53171	WB	-0.02813	-0.06894	0.08739
110	1.06342	WB	-0.02813	-0.16307	0.08948
110	0.	WS	-0.02466	0.06252	0.06621
110	0.53171	WS	-0.02466	-0.13885	0.08914
110	1.06342	WS	-0.02466	-0.34023	0.1107
111	0.	DEAD	-0.08193	0.43479	-0.0637
111	0.53171	DEAD	-0.08193	0.13484	-0.0051
111	1.06342	DEAD	-0.08193	-0.16511	0.04543
111	0.	LIVE	-0.02546	0.12484	-0.02273
111	0.53171	LIVE	-0.02546	0.03833	-0.00569
111	1.06342	LIVE	-0.02546	-0.04818	0.01135

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
111	0.	WB	0.01601	-0.07915	0.00076
111	0.53171	WB	0.01601	-0.02646	0.02495
111	1.06342	WB	0.01601	0.02624	0.04778
111	0.	WS	0.00928	-0.23021	0.02107
111	0.53171	WS	0.00928	-0.08344	0.02578
111	1.06342	WS	0.00928	0.06333	0.02913
112	0.	DEAD	0.00469	-0.05996	0.04607
112	0.53171	DEAD	0.00469	-0.23202	-0.0169
112	1.06342	DEAD	0.00469	-0.40408	-0.08793
112	0.	LIVE	0.00124	-0.01667	0.01156
112	0.53171	LIVE	0.00124	-0.06788	-0.00473
112	1.06342	LIVE	0.00124	-0.1191	-0.02103
112	0.	WB	0.04197	-0.01586	0.04255
112	0.53171	WB	0.04197	0.03916	0.03111
112	1.06342	WB	0.04197	0.09418	0.01831
112	0.	WS	0.02006	-0.03314	0.02818
112	0.53171	WS	0.02006	0.1011	0.02141
112	1.06342	WS	0.02006	0.23535	0.01328
125	0.	DEAD	-0.3375	0.08719	-2.57738
125	0.53509	DEAD	-0.3375	0.01645	-1.53617
125	1.07018	DEAD	-0.3375	-0.05429	-0.50344
125	0.	LIVE	-0.10547	0.02808	-0.77651
125	0.53509	LIVE	-0.10547	0.00773	-0.45922
125	1.07018	LIVE	-0.10547	-0.01262	-0.14193
125	0.	WB	0.01062	0.05158	0.0189
125	0.53509	WB	0.01062	0.00526	-0.03782
125	1.07018	WB	0.01062	-0.04106	-0.09389
125	0.	WS	0.0273	0.09612	0.0342
125	0.53509	WS	0.0273	0.00937	-0.05135
125	1.07018	WS	0.0273	-0.07737	-0.13625
126	0.	DEAD	-0.16624	0.05096	-0.49514
126	0.53509	DEAD	-0.16624	-0.00495	-0.00754
126	1.07018	DEAD	-0.16624	-0.06087	0.47158
126	0.	LIVE	-0.05075	0.02118	-0.13908
126	0.53509	LIVE	-0.05075	0.00135	0.00671
126	1.07018	LIVE	-0.05075	-0.01847	0.15251
126	0.	WB	0.00547	0.03093	-0.09164
126	0.53509	WB	0.00547	-0.01395	-0.14318
126	1.07018	WB	0.00547	-0.05883	-0.19407
126	0.	WS	0.01426	0.09141	-0.13129
126	0.53509	WS	0.01426	-0.01488	-0.1785
126	1.07018	WS	0.01426	-0.12116	-0.22506
127	0.	DEAD	0.06029	0.07638	0.47168
127	0.53509	DEAD	0.06029	-0.03153	0.45363
127	1.07018	DEAD	0.06029	-0.13944	0.42709
127	0.	LIVE	0.02254	0.02696	0.15281
127	0.53509	LIVE	0.02254	-0.01365	0.14194
127	1.07018	LIVE	0.02254	-0.05427	0.13107
127	0.	WB	-0.00663	0.03134	-0.193
127	0.53509	WB	-0.00663	-0.03941	-0.23089
127	1.07018	WB	-0.00663	-0.11017	-0.26813
127	0.	WS	-0.00695	0.09562	-0.2229
127	0.53509	WS	-0.00695	-0.06487	-0.22163
127	1.07018	WS	-0.00695	-0.22536	-0.21971

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
128	0.	DEAD	0.29945	-0.0838	-2.46282
128	1.07018	DEAD	0.29945	0.06151	-0.46602
128	1.07018	DEAD	0.14653	-0.0362	-0.46823
128	1.60527	DEAD	0.14653	0.01952	-0.01035
128	2.14036	DEAD	0.14653	0.07524	0.43905
128	2.14036	DEAD	-0.05709	-0.04841	0.44126
128	3.21055	DEAD	-0.05709	0.09208	0.3563
128	0.	LIVE	0.09315	-0.02556	-0.74838
128	1.07018	LIVE	0.09315	0.01765	-0.13686
128	1.07018	LIVE	0.04401	-0.01248	-0.13691
128	1.60527	LIVE	0.04401	0.00491	-0.00025
128	2.14036	LIVE	0.04401	0.0223	0.13641
128	2.14036	LIVE	-0.02202	-0.0164	0.13754
128	3.21055	LIVE	-0.02202	0.02879	0.10235
128	0.	WB	-0.01198	-0.04961	0.01335
128	1.07018	WB	-0.01198	0.03437	-0.09709
128	1.07018	WB	-0.00859	-0.03317	-0.09631
128	1.60527	WB	-0.00859	0.00836	-0.14295
128	2.14036	WB	-0.00859	0.04989	-0.18893
128	2.14036	WB	0.0016	-0.03839	-0.18839
128	3.21055	WB	0.0016	0.13901	-0.24524
128	0.	WS	-0.029	-0.09116	0.02844
128	1.07018	WS	-0.029	0.06693	-0.13852
128	1.07018	WS	-0.01838	-0.09364	-0.13555
128	1.60527	WS	-0.01838	0.00694	-0.1771
128	2.14036	WS	-0.01838	0.10751	-0.21799
128	2.14036	WS	0.00052	-0.1042	-0.21652
128	3.21055	WS	0.00052	0.26008	-0.19241
131	0.	DEAD	0.02659	0.04473	0.33209
131	0.92827	DEAD	0.02659	-0.04912	0.42049
131	0.92827	DEAD	-0.17172	0.0585	0.43531
131	1.39974	DEAD	-0.17172	0.0199	0.03409
131	1.85653	DEAD	-0.17172	-0.01749	-0.36084
131	1.85653	DEAD	-0.31623	0.06983	-0.34059
131	2.79948	DEAD	-0.31623	-0.07229	-2.12799
131	0.	LIVE	0.01267	0.01385	0.09841
131	0.92827	LIVE	0.01267	-0.01716	0.13133
131	0.92827	LIVE	-0.05198	0.01686	0.13568
131	1.39974	LIVE	-0.05198	0.00527	0.01227
131	1.85653	LIVE	-0.05198	-0.00596	-0.1073
131	1.85653	LIVE	-0.09881	0.02124	-0.10117
131	2.79948	LIVE	-0.09881	-0.02101	-0.65329
131	0.	WB	0.01645	-0.12946	0.32166
131	0.92827	WB	0.01645	0.03042	0.31302
131	0.92827	WB	-0.04843	-0.02737	0.31735
131	1.39974	WB	-0.04843	0.01675	0.18237
131	1.85653	WB	-0.04843	0.05949	0.05095
131	1.85653	WB	-0.09143	0.01933	0.05712
131	2.79948	WB	-0.09143	0.00494	-0.49237
131	0.	WS	-0.01539	-0.24045	0.22885
131	0.92827	WS	-0.01539	0.05818	0.20489
131	0.92827	WS	-0.02165	-0.05805	0.20552
131	1.39974	WS	-0.02165	0.0222	0.1732
131	1.85653	WS	-0.02165	0.09995	0.14125

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
131	1.85653	WS	-0.02338	0.0159	0.14056
131	2.79948	WS	-0.02338	0.02842	0.03675
140	0.	DEAD	-0.02584	-0.06303	0.31151
140	0.46413	DEAD	-0.02584	-0.00013	0.36192
140	0.92827	DEAD	-0.02584	0.06276	0.40603
140	0.	LIVE	-0.00948	-0.03234	0.06984
140	0.46413	LIVE	-0.00948	-0.00516	0.09588
140	0.92827	LIVE	-0.00948	0.02203	0.12191
140	0.	WB	-0.02298	0.09581	0.35151
140	0.46413	WB	-0.02298	0.03739	0.33699
140	0.92827	WB	-0.02298	-0.02104	0.32183
140	0.	WS	0.0096	0.19789	0.2641
140	0.46413	WS	0.0096	0.07521	0.23999
140	0.92827	WS	0.0096	-0.04746	0.21523
141	0.	DEAD	0.17768	-0.04586	0.42127
141	0.46413	DEAD	0.17768	-0.00957	0.02735
141	0.92827	DEAD	0.17768	0.02673	-0.37289
141	0.	LIVE	0.05661	-0.01507	0.12594
141	0.46413	LIVE	0.05661	-0.0004	0.01371
141	0.92827	LIVE	0.05661	0.01427	-0.09853
141	0.	WB	0.04661	0.03739	0.32662
141	0.46413	WB	0.04661	-0.00649	0.18512
141	0.92827	WB	0.04661	-0.05037	0.04296
141	0.	WS	0.01939	0.06986	0.21656
141	0.46413	WS	0.01939	-0.01033	0.17533
141	0.92827	WS	0.01939	-0.09052	0.13345
157	0.	DEAD	-0.14118	0.02227	-0.55483
157	1.2612	DEAD	-0.14118	-0.10704	-0.10416
157	1.2612	DEAD	-0.1336	-0.04038	0.11296
157	2.52241	DEAD	-0.1336	0.04385	-0.22042
157	0.	LIVE	-0.0426	0.01619	-0.15489
157	1.2612	LIVE	-0.0426	-0.03219	-0.03147
157	1.2612	LIVE	-0.04087	-0.00966	0.03844
157	2.52241	LIVE	-0.04087	-0.00124	-0.06658
157	0.	WB	0.05047	-0.01669	0.02345
157	1.2612	WB	0.05047	-0.0003	-0.04545
157	1.2612	WB	0.0326	0.01871	-0.00821
157	2.52241	WB	0.0326	-0.02917	-0.14935
157	0.	WS	0.07441	0.02182	-0.03302
157	1.2612	WS	0.07441	-0.01384	-0.06715
157	1.2612	WS	0.04432	0.05078	-0.02043
157	2.52241	WS	0.04432	-0.08801	-0.13704
172	0.	DEAD	0.11563	0.10583	-0.26455
172	1.28706	DEAD	0.11563	-0.0405	0.17748
172	1.28706	DEAD	0.09314	-0.07285	-0.03463
172	2.57412	DEAD	0.09314	-0.00457	-0.38903
172	0.	LIVE	0.03499	0.02148	-0.09887
172	1.28706	LIVE	0.03499	-0.01261	0.06501
172	1.28706	LIVE	0.02636	-0.0225	-0.00883
172	2.57412	LIVE	0.02636	0.00269	-0.0828
172	0.	WB	0.04513	0.03158	0.09107
172	1.28706	WB	0.04513	-0.01375	0.02018
172	1.28706	WB	0.07936	-0.01	0.03388
172	2.57412	WB	0.07936	0.00613	-0.07047

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
172	0.	WS	0.05155	0.06131	0.1137
172	1.28706	WS	0.05155	-0.01361	0.02439
172	1.28706	WS	0.07301	0.01407	0.06948
172	2.57412	WS	0.07301	-0.01557	0.03618
180	0.	DEAD	-0.00274	0.00144	-0.05061
180	0.4389	DEAD	-0.00274	0.00063	-0.07678
180	0.8778	DEAD	-0.00274	-0.00019	-0.10817
180	0.	LIVE	-0.00128	0.00068	-0.02368
180	0.4389	LIVE	-0.00128	-0.00144	-0.02374
180	0.8778	LIVE	-0.00128	-0.00355	-0.0238
180	0.	WB	-0.00099	0.00052	-0.01833
180	0.4389	WB	-0.00099	-0.00339	-0.01844
180	0.8778	WB	-0.00099	-0.00012	-0.01835
180	0.	WS	-0.00015	7.976E-05	-0.0028
180	0.4389	WS	-0.00015	-0.00825	-0.00304
180	0.8778	WS	-0.00015	-0.00939	-0.00307
181	0.	DEAD	0.00834	-0.00182	-0.10536
181	0.4389	DEAD	0.00834	-0.0086	-0.40724
181	0.8778	DEAD	0.00834	-0.01539	-0.71434
181	0.	LIVE	0.00037	-0.00083	-0.02332
181	0.4389	LIVE	0.00037	-0.00707	-0.10727
181	0.8778	LIVE	0.00037	-0.01331	-0.19122
181	0.	WB	0.05151	-0.06743	-0.02452
181	0.4389	WB	0.05151	0.04588	-0.02042
181	0.8778	WB	0.05151	0.16637	-0.01611
181	0.	WS	0.07078	-0.09065	-0.00893
181	0.4389	WS	0.07078	0.04079	-0.00429
181	0.8778	WS	0.07078	0.17942	0.00056
182	0.	DEAD	0.00091	-0.0267	-0.13968
182	0.47342	DEAD	0.00091	-0.0185	-0.01363
182	0.94684	DEAD	0.00091	-0.0103	0.06005
182	1.42027	DEAD	0.00091	-0.0021	0.08137
182	1.89369	DEAD	0.00091	0.0061	0.05031
182	2.36711	DEAD	0.00091	0.0143	-0.03312
182	2.84053	DEAD	0.00091	0.0225	-0.16892
182	0.	LIVE	0.00077	-0.00904	-0.04569
182	0.47342	LIVE	0.00077	-0.00626	-0.00502
182	0.94684	LIVE	0.00077	-0.00348	0.01883
182	1.42027	LIVE	0.00077	-0.0007	0.02587
182	1.89369	LIVE	0.00077	0.00208	0.01611
182	2.36711	LIVE	0.00077	0.00486	-0.01047
182	2.84053	LIVE	0.00077	0.00765	-0.05385
182	0.	WB	-0.00296	0.01574	-0.04078
182	0.47342	WB	-0.00296	0.01033	-0.02748
182	0.94684	WB	-0.00296	0.00492	-0.01419
182	1.42027	WB	-0.00296	-0.00049	-0.0009
182	1.89369	WB	-0.00296	-0.0059	0.0124
182	2.36711	WB	-0.00296	-0.0113	0.02569
182	2.84053	WB	-0.00296	-0.01671	0.03898
182	0.	WS	-0.00263	0.01867	-0.04978
182	0.47342	WS	-0.00263	0.0124	-0.03299
182	0.94684	WS	-0.00263	0.00613	-0.0162
182	1.42027	WS	-0.00263	-0.00013	0.00059
182	1.89369	WS	-0.00263	-0.0064	0.01738

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
182	2.36711	WS	-0.00263	-0.01266	0.03417
182	2.84053	WS	-0.00263	-0.01893	0.05096
183	0.	DEAD	0.00436	0.01878	-0.17929
183	0.49515	DEAD	0.00436	0.01243	-0.03134
183	0.9903	DEAD	0.00436	0.00608	0.05931
183	1.48545	DEAD	0.00436	-0.00026	0.09268
183	1.9806	DEAD	0.00436	-0.00661	0.06876
183	2.47575	DEAD	0.00436	-0.01296	-0.01245
183	2.9709	DEAD	0.00436	-0.0193	-0.15094
183	0.	LIVE	0.00126	0.00447	-0.05401
183	0.49515	LIVE	0.00126	0.00284	-0.00813
183	0.9903	LIVE	0.00126	0.00122	0.01936
183	1.48545	LIVE	0.00126	-0.0004	0.02846
183	1.9806	LIVE	0.00126	-0.00203	0.01917
183	2.47575	LIVE	0.00126	-0.00365	-0.0085
183	2.9709	LIVE	0.00126	-0.00527	-0.05457
183	0.	WB	-0.00437	0.01834	-0.03909
183	0.49515	WB	-0.00437	0.0122	-0.02604
183	0.9903	WB	-0.00437	0.00606	-0.01299
183	1.48545	WB	-0.00437	-8.472E-05	5.565E-05
183	1.9806	WB	-0.00437	-0.00623	0.0131
183	2.47575	WB	-0.00437	-0.01237	0.02615
183	2.9709	WB	-0.00437	-0.01851	0.0392
183	0.	WS	-0.00234	0.01986	-0.04985
183	0.49515	WS	-0.00234	0.01332	-0.03343
183	0.9903	WS	-0.00234	0.00678	-0.01702
183	1.48545	WS	-0.00234	0.00024	-0.0006
183	1.9806	WS	-0.00234	-0.00631	0.01581
183	2.47575	WS	-0.00234	-0.01285	0.03223
183	2.9709	WS	-0.00234	-0.01939	0.04864
186	0.	DEAD	-0.08945	-0.06225	-0.39671
186	1.28706	DEAD	-0.08945	-0.05303	-0.03091
186	1.28706	DEAD	-0.10328	-0.03741	0.17374
186	2.57412	DEAD	-0.10328	0.04052	-0.22388
186	0.	LIVE	-0.02648	-0.01701	-0.11554
186	1.28706	LIVE	-0.02648	-0.01516	-0.00912
186	1.28706	LIVE	-0.03129	-0.01065	0.05677
186	2.57412	LIVE	-0.03129	0.01129	-0.06789
186	0.	WB	-0.07903	-0.00441	-0.05353
186	1.28706	WB	-0.07903	-0.0215	0.05807
186	1.28706	WB	-0.04824	-0.03169	0.05259
186	2.57412	WB	-0.04824	0.01547	0.07664
186	0.	WS	-0.07073	-0.02732	0.05068
186	1.28706	WS	-0.07073	0.0006	0.09715
186	1.28706	WS	-0.05237	-0.03455	0.06013
186	2.57412	WS	-0.05237	0.04191	0.09683
190	0.	DEAD	0.11645	-0.02237	-0.17939
190	1.2612	DEAD	0.11645	-0.04021	0.11885
190	1.2612	DEAD	0.13227	-0.08868	-0.09079
190	2.52241	DEAD	0.13227	-0.02994	-0.55463
190	0.	LIVE	0.0351	-0.00854	-0.05448
190	1.2612	LIVE	0.0351	-0.01161	0.04039
190	1.2612	LIVE	0.03943	-0.02631	-0.02656
190	2.52241	LIVE	0.03943	-0.00651	-0.16155

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
190	0.	WB	-0.03613	-0.03023	-0.13212
190	1.2612	WB	-0.03613	0.0395	-0.03823
190	1.2612	WB	-0.04976	0.01557	-0.06867
190	2.52241	WB	-0.04976	-0.01484	0.00936
190	0.	WS	-0.04615	-0.07868	-0.11459
190	1.2612	WS	-0.04615	0.07454	-0.05502
190	1.2612	WS	-0.07188	0.0043	-0.09318
190	2.52241	WS	-0.07188	0.02504	-0.04977
196	0.	DEAD	0.00376	-0.21738	0.05913
196	0.49527	DEAD	0.00376	-0.12984	0.03318
196	0.99053	DEAD	0.00376	-0.0423	-0.00028
196	1.4858	DEAD	0.00376	0.04524	-0.04125
196	1.98106	DEAD	0.00376	0.13278	-0.08973
196	0.	LIVE	0.00382	-0.06071	0.02048
196	0.49527	LIVE	0.00382	-0.03669	0.00861
196	0.99053	LIVE	0.00382	-0.01268	-0.00326
196	1.4858	LIVE	0.00382	0.01134	-0.01513
196	1.98106	LIVE	0.00382	0.03536	-0.02699
196	0.	WB	0.04124	-0.16992	0.09401
196	0.49527	WB	0.04124	-0.10234	0.04763
196	0.99053	WB	0.04124	-0.03477	0.00125
196	1.4858	WB	0.04124	0.03281	-0.04513
196	1.98106	WB	0.04124	0.10038	-0.09151
196	0.	WS	0.0211	-0.21039	0.09157
196	0.49527	WS	0.0211	-0.12822	0.04501
196	0.99053	WS	0.0211	-0.04605	-0.00156
196	1.4858	WS	0.0211	0.03612	-0.04813
196	1.98106	WS	0.0211	0.1183	-0.0947
197	0.	DEAD	-0.0654	0.13854	-0.11261
197	0.49527	DEAD	-0.0654	0.05115	-0.05604
197	0.99053	DEAD	-0.0654	-0.03624	-0.00698
197	1.4858	DEAD	-0.0654	-0.12363	0.03457
197	1.98106	DEAD	-0.0654	-0.21101	0.06861
197	0.	LIVE	-0.02206	0.03755	-0.0337
197	0.49527	LIVE	-0.02206	0.01341	-0.01946
197	0.99053	LIVE	-0.02206	-0.01072	-0.00522
197	1.4858	LIVE	-0.02206	-0.03486	0.00902
197	1.98106	LIVE	-0.02206	-0.05899	0.02327
197	0.	WB	0.02607	-0.07943	0.05748
197	0.49527	WB	0.02607	-0.0273	0.02467
197	0.99053	WB	0.02607	0.02483	-0.00815
197	1.4858	WB	0.02607	0.07696	-0.04097
197	1.98106	WB	0.02607	0.12909	-0.07379
197	0.	WS	0.0181	-0.09548	0.07708
197	0.49527	WS	0.0181	-0.02559	0.0382
197	0.99053	WS	0.0181	0.04429	-0.00067
197	1.4858	WS	0.0181	0.11418	-0.03954
197	1.98106	WS	0.0181	0.18406	-0.07841
199	0.	DEAD	0.02124	-0.01771	-0.06763
199	0.4389	DEAD	0.02124	-0.01032	-0.08623
199	0.8778	DEAD	0.02124	-0.00294	-0.11005
199	0.	LIVE	0.0063	-0.0058	-0.02542
199	0.4389	LIVE	0.0063	-0.00342	-0.02601
199	0.8778	LIVE	0.0063	-0.00105	-0.02661

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
199	0.	WB	-0.04685	0.22799	-0.02423
199	0.4389	WB	-0.04685	0.13262	-0.02574
199	0.8778	WB	-0.04685	0.03007	-0.02705
199	0.	WS	-0.05178	0.26899	-0.01347
199	0.4389	WS	-0.05178	0.16051	-0.01132
199	0.8778	WS	-0.05178	0.04485	-0.00897
200	0.	DEAD	0.00461	-0.00034	-0.11168
200	0.4389	DEAD	0.00461	0.00591	-0.4143
200	0.8778	DEAD	0.00461	0.01217	-0.72213
200	0.	LIVE	0.00105	-0.00028	-0.0276
200	0.4389	LIVE	0.00105	0.00225	-0.11567
200	0.8778	LIVE	0.00105	0.00478	-0.20375
200	0.	WB	-0.08001	0.0861	-0.03159
200	0.4389	WB	-0.08001	-0.03276	-0.03174
200	0.8778	WB	-0.08001	-0.1588	-0.0317
200	0.	WS	-0.10169	0.11254	-0.01344
200	0.4389	WS	-0.10169	-0.02434	-0.01018
200	0.8778	WS	-0.10169	-0.16841	-0.00672
201	0.	DEAD	-0.00209	-0.0008	-0.14366
201	0.49515	DEAD	-0.00209	-0.00077	-0.00788
201	0.9903	DEAD	-0.00209	-0.00075	0.07062
201	1.48545	DEAD	-0.00209	-0.00072	0.09183
201	1.9806	DEAD	-0.00209	-0.00069	0.05575
201	2.47575	DEAD	-0.00209	-0.00066	-0.03762
201	2.9709	DEAD	-0.00209	-0.00063	-0.18828
201	0.	LIVE	-0.00038	-0.00025	-0.04707
201	0.49515	LIVE	-0.00038	-0.00024	-0.00325
201	0.9903	LIVE	-0.00038	-0.00023	0.02218
201	1.48545	LIVE	-0.00038	-0.00023	0.02923
201	1.9806	LIVE	-0.00038	-0.00022	0.01788
201	2.47575	LIVE	-0.00038	-0.00021	-0.01185
201	2.9709	LIVE	-0.00038	-0.0002	-0.05997
201	0.	WB	0.00385	-0.0152	0.02955
201	0.49515	WB	0.00385	-0.00988	0.02003
201	0.9903	WB	0.00385	-0.00455	0.01051
201	1.48545	WB	0.00385	0.00077	0.00099
201	1.9806	WB	0.00385	0.0061	-0.00853
201	2.47575	WB	0.00385	0.01142	-0.01806
201	2.9709	WB	0.00385	0.01675	-0.02758
201	0.	WS	0.00189	-0.01511	0.03898
201	0.49515	WS	0.00189	-0.00965	0.02619
201	0.9903	WS	0.00189	-0.00419	0.01341
201	1.48545	WS	0.00189	0.00127	0.00062
201	1.9806	WS	0.00189	0.00673	-0.01217
201	2.47575	WS	0.00189	0.01219	-0.02495
201	2.9709	WS	0.00189	0.01765	-0.03774
202	0.	DEAD	-0.00275	0.00484	-0.17228
202	0.47342	DEAD	-0.00275	0.00261	-0.03504
202	0.94684	DEAD	-0.00275	0.00039	0.04982
202	1.42027	DEAD	-0.00275	-0.00184	0.08232
202	1.89369	DEAD	-0.00275	-0.00406	0.06245
202	2.36711	DEAD	-0.00275	-0.00629	-0.0098
202	2.84053	DEAD	-0.00275	-0.00851	-0.13442
202	0.	LIVE	-0.00106	0.00157	-0.05492

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
202	0.47342	LIVE	-0.00106	0.00086	-0.01106
202	0.94684	LIVE	-0.00106	0.00015	0.01598
202	1.42027	LIVE	-0.00106	-0.00056	0.02622
202	1.89369	LIVE	-0.00106	-0.00127	0.01965
202	2.36711	LIVE	-0.00106	-0.00198	-0.00374
202	2.84053	LIVE	-0.00106	-0.00269	-0.04393
202	0.	WB	0.0027	-0.01734	0.02806
202	0.47342	WB	0.0027	-0.01206	0.01802
202	0.94684	WB	0.0027	-0.00677	0.00797
202	1.42027	WB	0.0027	-0.00148	-0.00208
202	1.89369	WB	0.0027	0.00381	-0.01212
202	2.36711	WB	0.0027	0.00909	-0.02217
202	2.84053	WB	0.0027	0.01438	-0.03221
202	0.	WS	0.00204	-0.01894	0.03812
202	0.47342	WS	0.00204	-0.01305	0.02517
202	0.94684	WS	0.00204	-0.00715	0.01222
202	1.42027	WS	0.00204	-0.00125	-0.00073
202	1.89369	WS	0.00204	0.00465	-0.01369
202	2.36711	WS	0.00204	0.01055	-0.02664
202	2.84053	WS	0.00204	0.01645	-0.03959
313	0.	DEAD	-0.54762	0.13047	2.48638
313	0.45	DEAD	-0.54762	0.1085	0.30517
313	0.9	DEAD	-0.54762	0.08654	-1.88836
313	1.35	DEAD	-0.54762	0.06457	-4.09419
313	1.35	DEAD	0.00198	0.02105	-1.092
313	1.8125	DEAD	0.00198	0.02	-0.94779
313	2.275	DEAD	0.00198	0.01895	-0.81659
313	2.7375	DEAD	0.00198	0.0179	-0.69838
313	3.2	DEAD	0.00198	0.01684	-0.59318
313	3.6625	DEAD	0.00198	0.01579	-0.50098
313	4.125	DEAD	0.00198	0.01474	-0.42178
313	4.5875	DEAD	0.00198	0.01369	-0.35558
313	5.05	DEAD	0.00198	0.01264	-0.30238
313	5.05	DEAD	0.00198	0.01264	-0.30238
313	5.54509	DEAD	0.00198	0.01152	-0.25985
313	6.04018	DEAD	0.00198	0.01039	-0.23221
313	6.53527	DEAD	0.00198	0.00927	-0.21947
313	7.03036	DEAD	0.00198	0.00814	-0.22163
313	7.52545	DEAD	0.00198	0.00702	-0.23869
313	8.02054	DEAD	0.00198	0.00589	-0.27065
313	8.51564	DEAD	0.00198	0.00477	-0.3175
313	9.01073	DEAD	0.00198	0.00364	-0.37926
313	9.01073	DEAD	0.53219	0.0424	-2.40715
313	9.43573	DEAD	0.53219	0.0929	-0.12951
313	9.86073	DEAD	0.53219	0.1434	2.13714
313	0.	LIVE	-0.17226	0.04084	0.75561
313	0.45	LIVE	-0.17226	0.03249	0.10031
313	0.9	LIVE	-0.17226	0.02413	-0.55499
313	1.35	LIVE	-0.17226	0.01578	-1.21029
313	1.35	LIVE	0.00057	0.00534	-0.2472
313	1.8125	LIVE	0.00057	0.00509	-0.23441
313	2.275	LIVE	0.00057	0.00485	-0.22163
313	2.7375	LIVE	0.00057	0.00461	-0.20885
313	3.2	LIVE	0.00057	0.00437	-0.19606

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
313	3.6625	LIVE	0.00057	0.00413	-0.18328
313	4.125	LIVE	0.00057	0.00388	-0.17049
313	4.5875	LIVE	0.00057	0.00364	-0.15771
313	5.05	LIVE	0.00057	0.0034	-0.14493
313	5.05	LIVE	0.00057	0.0034	-0.14493
313	5.54509	LIVE	0.00057	0.00314	-0.13124
313	6.04018	LIVE	0.00057	0.00288	-0.11756
313	6.53527	LIVE	0.00057	0.00262	-0.10387
313	7.03036	LIVE	0.00057	0.00236	-0.09019
313	7.52545	LIVE	0.00057	0.0021	-0.0765
313	8.02054	LIVE	0.00057	0.00184	-0.06282
313	8.51564	LIVE	0.00057	0.00158	-0.04913
313	9.01073	LIVE	0.00057	0.00132	-0.03545
313	9.01073	LIVE	0.16878	0.01134	-0.70777
313	9.43573	LIVE	0.16878	0.02753	-0.02577
313	9.86073	LIVE	0.16878	0.04373	0.65622
313	0.	WB	-0.00797	-0.01801	-0.01227
313	0.45	WB	-0.00797	0.01159	-0.05468
313	0.9	WB	-0.00797	0.04119	-0.09709
313	1.35	WB	-0.00797	0.07079	-0.13949
313	1.35	WB	0.00682	-0.09116	-0.64329
313	1.8125	WB	0.00682	-0.07851	-0.57085
313	2.275	WB	0.00682	-0.06586	-0.49841
313	2.7375	WB	0.00682	-0.05321	-0.42597
313	3.2	WB	0.00682	-0.04056	-0.35353
313	3.6625	WB	0.00682	-0.02791	-0.28109
313	4.125	WB	0.00682	-0.01526	-0.20865
313	4.5875	WB	0.00682	-0.00261	-0.13621
313	5.05	WB	0.00682	0.01004	-0.06377
313	5.05	WB	0.00682	0.01004	-0.06377
313	5.54509	WB	0.00682	0.02358	0.01377
313	6.04018	WB	0.00682	0.03712	0.09132
313	6.53527	WB	0.00682	0.05066	0.16886
313	7.03036	WB	0.00682	0.0642	0.24641
313	7.52545	WB	0.00682	0.07774	0.32395
313	8.02054	WB	0.00682	0.09128	0.4015
313	8.51564	WB	0.00682	0.10482	0.47904
313	9.01073	WB	0.00682	0.11836	0.55659
313	9.01073	WB	0.129	-0.15475	-0.39803
313	9.43573	WB	0.129	-0.04039	0.04826
313	9.86073	WB	0.129	0.07396	0.49456
313	0.	WS	0.00735	-0.07315	-0.02887
313	0.45	WS	0.00735	-0.01782	0.00665
313	0.9	WS	0.00735	0.03751	0.04216
313	1.35	WS	0.00735	0.09284	0.07768
313	1.35	WS	0.00425	-0.12964	-1.02545
313	1.8125	WS	0.00425	-0.11282	-0.90186
313	2.275	WS	0.00425	-0.09599	-0.77827
313	2.7375	WS	0.00425	-0.07916	-0.65468
313	3.2	WS	0.00425	-0.06233	-0.53109
313	3.6625	WS	0.00425	-0.04551	-0.4075
313	4.125	WS	0.00425	-0.02868	-0.28391
313	4.5875	WS	0.00425	-0.01185	-0.16032
313	5.05	WS	0.00425	0.00498	-0.03674

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
313	5.05	WS	0.00425	0.00498	-0.03674
313	5.54509	WS	0.00425	0.02299	0.09556
313	6.04018	WS	0.00425	0.041	0.22786
313	6.53527	WS	0.00425	0.05902	0.36016
313	7.03036	WS	0.00425	0.07703	0.49246
313	7.52545	WS	0.00425	0.09504	0.62475
313	8.02054	WS	0.00425	0.11306	0.75705
313	8.51564	WS	0.00425	0.13107	0.88935
313	9.01073	WS	0.00425	0.14908	1.02165
313	9.01073	WS	-0.00194	-0.19883	-0.05424
313	9.43573	WS	-0.00194	-0.07233	-0.04439
313	9.86073	WS	-0.00194	0.05417	-0.03454
348	0.	DEAD	-0.02123	-0.00495	0.58761
348	0.54596	DEAD	-0.02123	-0.0212	0.57688
348	1.09191	DEAD	-0.02123	-0.03745	0.55765
348	0.	LIVE	-0.00677	-0.00276	0.16184
348	0.54596	LIVE	-0.00677	-0.0075	0.16597
348	1.09191	LIVE	-0.00677	-0.01225	0.17011
348	0.	WB	-0.00436	0.05332	-0.1127
348	0.54596	WB	-0.00436	0.02171	-0.12167
348	1.09191	WB	-0.00436	-0.00991	-0.12923
348	0.	WS	-0.00471	0.08896	-0.0846
348	0.54596	WS	-0.00471	0.03972	-0.10578
348	1.09191	WS	-0.00471	-0.00953	-0.12556
349	0.	DEAD	-0.03521	-0.03009	0.56521
349	0.54596	DEAD	-0.03521	0.03865	-0.10655
349	1.09191	DEAD	-0.03521	0.10739	-0.78682
349	0.	LIVE	-0.01131	-0.00979	0.17226
349	0.54596	LIVE	-0.01131	0.01113	-0.03024
349	1.09191	LIVE	-0.01131	0.03205	-0.23274
349	0.	WB	-0.00574	0.00839	-0.13017
349	0.54596	WB	-0.00574	-0.0184	-0.11062
349	1.09191	WB	-0.00574	-0.0452	-0.08966
349	0.	WS	-0.00605	0.02165	-0.12549
349	0.54596	WS	-0.00605	-0.0407	-0.05411
349	1.09191	WS	-0.00605	-0.10304	0.01869
350	0.	DEAD	0.01441	0.12652	-0.73787
350	0.54547	DEAD	0.01441	0.04425	-0.1295
350	1.09095	DEAD	0.01441	-0.03801	0.47036
350	0.	LIVE	0.00418	0.0384	-0.22015
350	0.54547	LIVE	0.00418	0.01305	-0.03835
350	1.09095	LIVE	0.00418	-0.0123	0.14346
350	0.	WB	0.00052	0.06237	-0.10161
350	0.54547	WB	0.00052	0.02438	0.07738
350	1.09095	WB	0.00052	-0.01362	0.25495
350	0.	WS	-0.00738	0.09958	0.01753
350	0.54547	WS	-0.00738	0.03907	0.0652
350	1.09095	WS	-0.00738	-0.02145	0.11145
351	0.	DEAD	0.00289	-0.03972	0.47604
351	0.54547	DEAD	0.00289	-0.01818	0.4223
351	1.09095	DEAD	0.00289	0.00336	0.36006
351	0.	LIVE	0.00027	-0.01278	0.14502
351	0.54547	LIVE	0.00027	-0.00682	0.11974
351	1.09095	LIVE	0.00027	-0.00085	0.09445

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
351	0.	WB	-0.00101	0.00356	0.25381
351	0.54547	WB	-0.00101	-0.0234	0.2394
351	1.09095	WB	-0.00101	-0.05035	0.22358
351	0.	WS	-0.00488	0.00994	0.11157
351	0.54547	WS	-0.00488	-0.03755	0.13174
351	1.09095	WS	-0.00488	-0.08503	0.1505
352	0.	DEAD	0.05657	-0.05402	-3.76141
352	0.53509	DEAD	0.05657	-0.02278	-2.31465
352	1.07018	DEAD	0.05657	0.00846	-0.87638
352	0.	LIVE	0.01734	-0.01517	-1.14819
352	0.53509	LIVE	0.01734	-0.00531	-0.70417
352	1.07018	LIVE	0.01734	0.00455	-0.26015
352	0.	WB	0.00407	0.01377	-0.0667
352	0.53509	WB	0.00407	0.0014	-0.13447
352	1.07018	WB	0.00407	-0.01096	-0.20159
352	0.	WS	0.0025	0.02173	-0.12565
352	0.53509	WS	0.0025	0.00394	-0.21082
352	1.07018	WS	0.0025	-0.01385	-0.29534
353	0.	DEAD	0.02928	0.00709	-0.89364
353	0.53509	DEAD	0.02928	0.0054	-0.11843
353	1.07018	DEAD	0.02928	0.0037	0.64829
353	0.	LIVE	0.00883	0.00501	-0.26531
353	0.53509	LIVE	0.00883	0.00286	-0.03135
353	1.07018	LIVE	0.00883	0.00071	0.2026
353	0.	WB	0.00603	0.00319	-0.1991
353	0.53509	WB	0.00603	-0.00468	-0.24727
353	1.07018	WB	0.00603	-0.01256	-0.29479
353	0.	WS	0.00587	0.011	-0.29231
353	0.53509	WS	0.00587	-0.00412	-0.31399
353	1.07018	WS	0.00587	-0.01924	-0.33502
354	0.	DEAD	0.00103	0.00402	0.64079
354	0.53509	DEAD	0.00103	0.0028	0.74547
354	1.07018	DEAD	0.00103	0.00158	0.84167
354	0.	LIVE	-5.607E-05	0.00206	0.20033
354	0.53509	LIVE	-5.607E-05	-0.00187	0.22451
354	1.07018	LIVE	-5.607E-05	-0.00579	0.24869
354	0.	WB	0.00486	-2.413E-06	-0.2939
354	0.53509	WB	0.00486	-0.00448	-0.32285
354	1.07018	WB	0.00486	-0.00895	-0.35115
354	0.	WS	0.00553	0.00387	-0.33391
354	0.53509	WS	0.00553	-0.01126	-0.29238
354	1.07018	WS	0.00553	-0.02639	-0.2502
355	0.	DEAD	-0.0069	0.01489	0.46661
355	0.46413	DEAD	-0.0069	0.00848	0.47939
355	0.92827	DEAD	-0.0069	0.00206	0.48585
355	0.	LIVE	-0.0013	-0.00268	0.13762
355	0.46413	LIVE	-0.0013	-0.00096	0.14507
355	0.92827	LIVE	-0.0013	0.00076	0.15252
355	0.	WB	0.00411	0.01575	0.51404
355	0.46413	WB	0.00411	0.0053	0.48677
355	0.92827	WB	0.00411	-0.00514	0.45885
355	0.	WS	0.006	0.03679	0.3391
355	0.46413	WS	0.006	0.0136	0.33049
355	0.92827	WS	0.006	-0.00958	0.32123

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
356	0.	DEAD	-0.02073	0.005	0.4932
356	0.46413	DEAD	-0.02073	0.00211	-0.0721
356	0.92827	DEAD	-0.02073	-0.00077	-0.64372
356	0.	LIVE	-0.00538	0.00039	0.1551
356	0.46413	LIVE	-0.00538	0.00165	-0.01878
356	0.92827	LIVE	-0.00538	0.00292	-0.19266
356	0.	WB	0.00106	0.00772	0.46156
356	0.46413	WB	0.00106	-0.00511	0.27081
356	0.92827	WB	0.00106	-0.01795	0.07942
356	0.	WS	0.00735	0.01448	0.32309
356	0.46413	WS	0.00735	-0.00737	0.29615
356	0.92827	WS	0.00735	-0.02923	0.26857
357	0.	DEAD	-0.03891	0.00336	-0.639
357	0.46413	DEAD	-0.03891	-0.01744	-1.78099
357	0.92827	DEAD	-0.03891	-0.03824	-2.9293
357	0.	LIVE	-0.01105	0.00321	-0.19092
357	0.46413	LIVE	-0.01105	-0.00334	-0.54578
357	0.92827	LIVE	-0.01105	-0.0099	-0.90063
357	0.	WB	-0.00463	-0.00574	0.08333
357	0.46413	WB	-0.00463	-0.01339	-0.2709
357	0.92827	WB	-0.00463	-0.02104	-0.62579
357	0.	WS	0.00651	-0.00638	0.27211
357	0.46413	WS	0.00651	-0.01238	0.22667
357	0.92827	WS	0.00651	-0.01837	0.18058
360	0.	DEAD	0.00742	-0.0509	0.5491
360	0.54596	DEAD	0.00742	-0.00462	0.5621
360	1.09191	DEAD	0.00742	0.04166	0.56659
360	0.	LIVE	0.00229	-0.01501	0.15059
360	0.54596	LIVE	0.00229	-0.00156	0.16146
360	1.09191	LIVE	0.00229	0.01188	0.17233
360	0.	WB	0.00357	-0.05269	-0.12016
360	0.54596	WB	0.00357	-0.01665	-0.127
360	1.09191	WB	0.00357	0.01939	-0.13242
360	0.	WS	0.00332	-0.09254	-0.0946
360	0.54596	WS	0.00332	-0.03446	-0.11257
360	1.09191	WS	0.00332	0.02363	-0.12913
361	0.	DEAD	0.01104	0.01796	0.5626
361	0.54596	DEAD	0.01104	-0.00657	-0.09052
361	1.09191	DEAD	0.01104	-0.03109	-0.75215
361	0.	LIVE	0.00344	0.00493	0.17109
361	0.54596	LIVE	0.00344	-0.0025	-0.02621
361	1.09191	LIVE	0.00344	-0.00992	-0.22351
361	0.	WB	0.00521	-0.00127	-0.13429
361	0.54596	WB	0.00521	0.0248	-0.11073
361	1.09191	WB	0.00521	0.05087	-0.08575
361	0.	WS	0.00544	-0.01385	-0.13034
361	0.54596	WS	0.00544	0.05	-0.05444
361	1.09191	WS	0.00544	0.11385	0.02288
362	0.	DEAD	-0.02067	-0.10046	-0.78061
362	0.54547	DEAD	-0.02067	-0.03361	-0.12939
362	1.09095	DEAD	-0.02067	0.03324	0.51333
362	0.	LIVE	-0.0064	-0.03041	-0.23252
362	0.54547	LIVE	-0.0064	-0.0105	-0.03761
362	1.09095	LIVE	-0.0064	0.0094	0.15729

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
362	0.	WB	0.00117	-0.05889	-0.10564
362	0.54547	WB	0.00117	-0.02689	0.07685
362	1.09095	WB	0.00117	0.00511	0.25792
362	0.	WS	0.00772	-0.09719	0.01103
362	0.54547	WS	0.00772	-0.04293	0.06455
362	1.09095	WS	0.00772	0.01132	0.11665
363	0.	DEAD	-0.01578	0.03412	0.50825
363	0.54547	DEAD	-0.01578	0.01799	0.49716
363	1.09095	DEAD	-0.01578	0.00186	0.47757
363	0.	LIVE	-0.00483	0.00961	0.15571
363	0.54547	LIVE	-0.00483	0.0049	0.1436
363	1.09095	LIVE	-0.00483	0.00018	0.13148
363	0.	WB	0.00025	-0.01273	0.25579
363	0.54547	WB	0.00025	0.01667	0.24227
363	1.09095	WB	0.00025	0.04608	0.22735
363	0.	WS	0.00431	-0.02242	0.11541
363	0.54547	WS	0.00431	0.02947	0.1376
363	1.09095	WS	0.00431	0.08136	0.15838
364	0.	DEAD	-0.03425	0.0503	-5.07803
364	0.53509	DEAD	-0.03425	0.03125	-3.39774
364	1.07018	DEAD	-0.03425	0.01221	-1.7343
364	0.	LIVE	-0.01065	0.01799	-1.54282
364	0.53509	LIVE	-0.01065	0.01115	-1.03182
364	1.07018	LIVE	-0.01065	0.00431	-0.52083
364	0.	WB	-0.00464	-0.02541	-0.09768
364	0.53509	WB	-0.00464	-0.01046	-0.16393
364	1.07018	WB	-0.00464	0.00449	-0.22936
364	0.	WS	-0.00241	-0.04033	-0.18628
364	0.53509	WS	-0.00241	-0.01747	-0.26527
364	1.07018	WS	-0.00241	0.00539	-0.34345
365	0.	DEAD	-0.0164	-0.00183	-1.71632
365	0.53509	DEAD	-0.0164	0.00591	-0.72793
365	1.07018	DEAD	-0.0164	0.01366	0.25197
365	0.	LIVE	-0.00496	0.00063	-0.51539
365	0.53509	LIVE	-0.00496	0.00191	-0.21685
365	1.07018	LIVE	-0.00496	0.0032	0.0817
365	0.	WB	-0.00616	-0.01669	-0.22469
365	0.53509	WB	-0.00616	-0.00027	-0.26987
365	1.07018	WB	-0.00616	0.01614	-0.3144
365	0.	WS	-0.00545	-0.03125	-0.33708
365	0.53509	WS	-0.00545	-0.00334	-0.3516
365	1.07018	WS	-0.00545	0.02456	-0.36546
366	0.	DEAD	-0.00564	0.00033	0.24382
366	0.53509	DEAD	-0.00564	0.01016	0.54879
366	1.07018	DEAD	-0.00564	0.01999	0.84528
366	0.	LIVE	-0.00148	-0.00024	0.07922
366	0.53509	LIVE	-0.00148	0.00191	0.1641
366	1.07018	LIVE	-0.00148	0.00406	0.24898
366	0.	WB	-0.00534	-0.00486	-0.31268
366	0.53509	WB	-0.00534	0.0204	-0.33797
366	1.07018	WB	-0.00534	0.04566	-0.3626
366	0.	WS	-0.00569	-0.01245	-0.36327
366	0.53509	WS	-0.00569	0.03203	-0.31461
366	1.07018	WS	-0.00569	0.0765	-0.26528

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
367	0.	DEAD	0.0027	-0.03553	0.61941
367	0.46413	DEAD	0.0027	-0.01494	0.59878
367	0.92827	DEAD	0.0027	0.00565	0.57185
367	0.	LIVE	0.00057	-0.01355	0.18542
367	0.46413	LIVE	0.00057	-0.00628	0.18244
367	0.92827	LIVE	0.00057	0.001	0.17946
367	0.	WB	-0.00471	-0.0489	0.51937
367	0.46413	WB	-0.00471	-0.02106	0.49565
367	0.92827	WB	-0.00471	0.00678	0.47129
367	0.	WS	-0.00843	-0.08307	0.35071
367	0.46413	WS	-0.00843	-0.0357	0.34616
367	0.92827	WS	-0.00843	0.01168	0.34096
368	0.	DEAD	0.01418	-0.00042	0.57878
368	0.46413	DEAD	0.01418	0.00516	-0.01654
368	0.92827	DEAD	0.01418	0.01074	-0.61819
368	0.	LIVE	0.00427	-0.00148	0.18159
368	0.46413	LIVE	0.00427	0.00151	-0.00175
368	0.92827	LIVE	0.00427	0.0045	-0.1851
368	0.	WB	-0.00324	-0.01281	0.47435
368	0.46413	WB	-0.00324	0.00351	0.2858
368	0.92827	WB	-0.00324	0.01983	0.0966
368	0.	WS	-0.00976	-0.02257	0.3434
368	0.46413	WS	-0.00976	0.00595	0.31818
368	0.92827	WS	-0.00976	0.03448	0.29231
369	0.	DEAD	0.02725	0.00549	-0.61128
369	0.46413	DEAD	0.02725	0.02094	-1.78053
369	0.92827	DEAD	0.02725	0.03639	-2.9561
369	0.	LIVE	0.00852	0.00227	-0.18295
369	0.46413	LIVE	0.00852	0.00788	-0.54642
369	0.92827	LIVE	0.00852	0.0135	-0.90989
369	0.	WB	0.00043	0.001	0.10165
369	0.46413	WB	0.00043	0.0102	-0.25198
369	0.92827	WB	0.00043	0.01941	-0.60625
369	0.	WS	-0.0096	0.00167	0.29761
369	0.46413	WS	-0.0096	0.01089	0.25117
369	0.92827	WS	-0.0096	0.0201	0.20409
406	0.	DEAD	-0.02342	-0.01478	-0.23497
406	0.44375	DEAD	-0.02342	-0.01098	-0.07883
406	0.8875	DEAD	-0.02342	-0.00718	0.0313
406	1.33125	DEAD	-0.02342	-0.00338	0.09542
406	1.775	DEAD	-0.02342	0.00042	0.11353
406	2.21875	DEAD	-0.02342	0.00422	0.08562
406	2.6625	DEAD	-0.02342	0.00802	0.01171
406	3.10625	DEAD	-0.02342	0.01182	-0.10822
406	3.55	DEAD	-0.02342	0.01561	-0.27416
406	0.	LIVE	-0.00684	-0.00443	-0.07731
406	0.44375	LIVE	-0.00684	-0.0033	-0.02672
406	0.8875	LIVE	-0.00684	-0.00217	0.00911
406	1.33125	LIVE	-0.00684	-0.00104	0.03017
406	1.775	LIVE	-0.00684	8.416E-05	0.03647
406	2.21875	LIVE	-0.00684	0.00121	0.02799
406	2.6625	LIVE	-0.00684	0.00234	0.00475
406	3.10625	LIVE	-0.00684	0.00347	-0.03327
406	3.55	LIVE	-0.00684	0.0046	-0.08605

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
406	0.	WB	-0.00565	0.01707	0.0205
406	0.44375	WB	-0.00565	0.00036	0.01532
406	0.8875	WB	-0.00565	-0.01062	0.01015
406	1.33125	WB	-0.00565	-0.01586	0.00497
406	1.775	WB	-0.00565	-0.01537	-0.00021
406	2.21875	WB	-0.00565	-0.00914	-0.00538
406	2.6625	WB	-0.00565	0.00282	-0.01056
406	3.10625	WB	-0.00565	0.02051	-0.01573
406	3.55	WB	-0.00565	0.04393	-0.02091
406	0.	WS	-0.00598	0.07509	0.02526
406	0.44375	WS	-0.00598	0.01825	0.01903
406	0.8875	WS	-0.00598	-0.02104	0.01281
406	1.33125	WS	-0.00598	-0.04278	0.00658
406	1.775	WS	-0.00598	-0.04698	0.00036
406	2.21875	WS	-0.00598	-0.03363	-0.00587
406	2.6625	WS	-0.00598	-0.00272	-0.0121
406	3.10625	WS	-0.00598	0.04573	-0.01832
406	3.55	WS	-0.00598	0.11172	-0.02455
407	0.	DEAD	0.01938	-0.03746	-0.28494
407	1.78697	DEAD	0.01938	-0.00714	0.08655
407	3.57394	DEAD	0.01938	0.02317	-0.28601
407	0.	LIVE	0.00596	-0.01179	-0.09252
407	1.78697	LIVE	0.00596	-0.00228	0.02806
407	3.57394	LIVE	0.00596	0.00723	-0.09018
407	0.	WB	-0.00466	0.01625	0.00532
407	1.78697	WB	-0.00466	-0.01536	-0.00064
407	3.57394	WB	-0.00466	0.04574	-0.00721
407	0.	WS	-0.00468	0.07416	0.01364
407	1.78697	WS	-0.00468	-0.0467	0.00123
407	3.57394	WS	-0.00468	0.11528	-0.01306
408	0.	DEAD	0.01906	-0.05126	-0.21086
408	1.39202	DEAD	0.01906	-0.0091	0.03919
408	2.78404	DEAD	0.01906	0.03305	-0.16307
408	0.	LIVE	0.00569	-0.01703	-0.06778
408	1.39202	LIVE	0.00569	-0.00279	0.01232
408	2.78404	LIVE	0.00569	0.01146	-0.05276
408	0.	WB	-0.0028	-0.00418	0.00669
408	1.39202	WB	-0.0028	-0.01039	-0.00328
408	2.78404	WB	-0.0028	0.03969	-0.01342
408	0.	WS	-0.00383	0.02431	0.02096
408	1.39202	WS	-0.00383	-0.02896	-0.00056
408	2.78404	WS	-0.00383	0.08982	-0.02261
409	0.	DEAD	-0.01009	-0.14443	-0.07723
409	0.50005	DEAD	-0.01009	-0.07614	-0.00746
409	1.0001	DEAD	-0.01009	-0.00786	0.00387
409	1.50015	DEAD	-0.01009	0.06042	-0.04322
409	2.00021	DEAD	-0.01009	0.12871	-0.14874
409	0.	LIVE	-0.00285	-0.04392	-0.02734
409	0.50005	LIVE	-0.00285	-0.02332	-0.00382
409	1.0001	LIVE	-0.00285	-0.00271	0.00094
409	1.50015	LIVE	-0.00285	0.0179	-0.01305
409	2.00021	LIVE	-0.00285	0.0385	-0.04579
409	0.	WB	0.00325	-0.05048	0.02769
409	0.50005	WB	0.00325	-0.03106	0.01348

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
409	1.0001	WB	0.00325	-0.00435	-0.00073
409	1.50015	WB	0.00325	0.02963	-0.01495
409	2.00021	WB	0.00325	0.0709	-0.02916
409	0.	WS	0.0007	-0.05564	0.0479
409	0.50005	WS	0.0007	-0.04518	0.02505
409	1.0001	WS	0.0007	-0.01244	0.0022
409	1.50015	WS	0.0007	0.04258	-0.02064
409	2.00021	WS	0.0007	0.11989	-0.04349
410	0.	DEAD	-0.0034	0.08434	-0.11095
410	0.50005	DEAD	-0.0034	0.04623	-0.02442
410	1.0001	DEAD	-0.0034	0.00812	0.00369
410	1.50014	DEAD	-0.0034	-0.02999	-0.02663
410	2.00019	DEAD	-0.0034	-0.06809	-0.11538
410	0.	LIVE	-0.00109	0.02623	-0.01467
410	0.50005	LIVE	-0.00109	0.01481	-0.01475
410	1.0001	LIVE	-0.00109	0.00338	-0.01484
410	1.50014	LIVE	-0.00109	-0.00804	-0.01492
410	2.00019	LIVE	-0.00109	-0.01947	-0.01501
410	0.	WB	0.0043	-0.02736	-0.0549
410	0.50005	WB	0.0043	-0.01853	-0.01882
410	1.0001	WB	0.0043	-0.00243	0.00225
410	1.50014	WB	0.0043	0.02095	0.00833
410	2.00019	WB	0.0043	0.05161	-0.0006
410	0.	WS	0.0003	-0.07756	-0.03522
410	0.50005	WS	0.0003	-0.0443	-0.01769
410	1.0001	WS	0.0003	-0.00377	-0.00015
410	1.50014	WS	0.0003	0.04405	0.01738
410	2.00019	WS	0.0003	0.09914	0.03492
411	0.	DEAD	-0.02074	0.03613	-0.24488
411	1.38899	DEAD	-0.02074	0.00928	0.04181
411	2.77799	DEAD	-0.02074	-0.01758	-0.12183
411	0.	LIVE	-0.00598	0.01278	-0.07853
411	1.38899	LIVE	-0.00598	0.0031	0.01213
411	2.77799	LIVE	-0.00598	-0.00658	-0.04174
411	0.	WB	-0.00723	0.00592	-0.06933
411	1.38899	WB	-0.00723	-0.00847	0.01318
411	2.77799	WB	-0.00723	0.03332	-0.01982
411	0.	WS	-0.00405	-0.01728	-0.01659
411	1.38899	WS	-0.00405	-0.01038	0.0004
411	2.77799	WS	-0.00405	0.0527	0.01739
413	0.	DEAD	-0.01066	-0.01458	-0.27077
413	0.44375	DEAD	-0.01066	-0.01083	-0.10473
413	0.8875	DEAD	-0.01066	-0.00708	0.0153
413	1.33125	DEAD	-0.01066	-0.00333	0.08931
413	1.775	DEAD	-0.01066	0.00041	0.11732
413	2.21875	DEAD	-0.01066	0.00416	0.09931
413	2.6625	DEAD	-0.01066	0.00791	0.03529
413	3.10625	DEAD	-0.01066	0.01166	-0.07474
413	3.55	DEAD	-0.01066	0.01541	-0.23078
413	0.	LIVE	-0.00337	-0.0042	-0.087
413	0.44375	LIVE	-0.00337	-0.00313	-0.03367
413	0.8875	LIVE	-0.00337	-0.00206	0.0049
413	1.33125	LIVE	-0.00337	-0.00099	0.02869
413	1.775	LIVE	-0.00337	7.892E-05	0.03772

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
413	2.21875	LIVE	-0.00337	0.00115	0.03198
413	2.6625	LIVE	-0.00337	0.00222	0.01147
413	3.10625	LIVE	-0.00337	0.00329	-0.0238
413	3.55	LIVE	-0.00337	0.00435	-0.07385
413	0.	WB	0.00248	-0.02425	-0.0838
413	0.44375	WB	0.00248	-0.00581	-0.03744
413	0.8875	WB	0.00248	0.00689	-0.0029
413	1.33125	WB	0.00248	0.01386	0.01983
413	1.775	WB	0.00248	0.01509	0.03074
413	2.21875	WB	0.00248	0.0106	0.02984
413	2.6625	WB	0.00248	0.00036	0.01713
413	3.10625	WB	0.00248	-0.0156	-0.00741
413	3.55	WB	0.00248	-0.0373	-0.04375
413	0.	WS	0.00544	-0.01361	-0.01651
413	0.44375	WS	0.00544	0.00213	-0.01222
413	0.8875	WS	0.00544	0.01213	-0.00793
413	1.33125	WS	0.00544	0.01641	-0.00364
413	1.775	WS	0.00544	0.01494	0.00065
413	2.21875	WS	0.00544	0.00775	0.00493
413	2.6625	WS	0.00544	-0.00518	0.00922
413	3.10625	WS	0.00544	-0.02385	0.01351
413	3.55	WS	0.00544	-0.04824	0.0178
415	0.	DEAD	0.02042	-0.03476	-0.24143
415	1.38899	DEAD	0.02042	-0.00865	0.04365
415	2.77799	DEAD	0.02042	0.01747	-0.1216
415	0.	LIVE	0.00606	-0.01058	-0.07734
415	1.38899	LIVE	0.00606	-0.00265	0.01408
415	2.77799	LIVE	0.00606	0.00528	-0.03905
415	0.	WB	0.00722	-0.00421	-0.0701
415	1.38899	WB	0.00722	0.00846	0.0125
415	2.77799	WB	0.00722	-0.03504	-0.02041
415	0.	WS	0.00391	0.01897	-0.0182
415	1.38899	WS	0.00391	0.01031	-0.00069
415	2.77799	WS	0.00391	-0.05452	0.01682
416	0.	DEAD	0.00201	-0.08086	-0.10386
416	0.50005	DEAD	0.00201	-0.04404	-0.01998
416	1.0001	DEAD	0.00201	-0.00721	0.00547
416	1.50014	DEAD	0.00201	0.02961	-0.02751
416	2.00019	DEAD	0.00201	0.06643	-0.11892
416	0.	LIVE	0.00064	-0.02427	-0.03483
416	0.50005	LIVE	0.00064	-0.01329	-0.00707
416	1.0001	LIVE	0.00064	-0.00231	0.00193
416	1.50014	LIVE	0.00064	0.00866	-0.00782
416	2.00019	LIVE	0.00064	0.01964	-0.03633
416	0.	WB	-0.00495	0.02485	-0.04755
416	0.50005	WB	-0.00495	0.01739	-0.01539
416	1.0001	WB	-0.00495	0.00265	0.00176
416	1.50014	WB	-0.00495	-0.01937	0.00392
416	2.00019	WB	-0.00495	-0.04867	-0.00893
416	0.	WS	-0.00097	0.07263	-0.02726
416	0.50005	WS	-0.00097	0.04194	-0.01418
416	1.0001	WS	-0.00097	0.00398	-0.00111
416	1.50014	WS	-0.00097	-0.04126	0.01197
416	2.00019	WS	-0.00097	-0.09378	0.02504

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
421	0.	DEAD	-0.01958	-0.11025	0.04441
421	0.45239	DEAD	-0.01958	-0.10599	0.07401
421	0.90478	DEAD	-0.01958	-0.10172	0.09735
421	1.35717	DEAD	-0.01958	-0.09746	0.11442
421	1.80956	DEAD	-0.01958	-0.09319	0.12523
421	2.26195	DEAD	-0.01958	-0.08893	0.12978
421	2.71434	DEAD	-0.01958	-0.08466	0.12806
421	3.16673	DEAD	-0.01958	-0.0804	0.12008
421	3.61912	DEAD	-0.01958	-0.07614	0.10583
421	4.07151	DEAD	-0.01958	-0.07187	0.08531
421	0.	LIVE	-0.00576	-0.03326	0.02415
421	0.45239	LIVE	-0.00576	-0.03199	0.02534
421	0.90478	LIVE	-0.00576	-0.03072	0.02654
421	1.35717	LIVE	-0.00576	-0.02946	0.02773
421	1.80956	LIVE	-0.00576	-0.02819	0.02892
421	2.26195	LIVE	-0.00576	-0.02692	0.03011
421	2.71434	LIVE	-0.00576	-0.02565	0.0313
421	3.16673	LIVE	-0.00576	-0.02439	0.03249
421	3.61912	LIVE	-0.00576	-0.02312	0.03368
421	4.07151	LIVE	-0.00576	-0.02185	0.03487
421	0.	WB	0.0408	-0.14541	0.18173
421	0.45239	WB	0.0408	-0.11525	0.14356
421	0.90478	WB	0.0408	-0.0851	0.1054
421	1.35717	WB	0.0408	-0.05495	0.06723
421	1.80956	WB	0.0408	-0.0248	0.02906
421	2.26195	WB	0.0408	0.00535	-0.00911
421	2.71434	WB	0.0408	0.0355	-0.04727
421	3.16673	WB	0.0408	0.06565	-0.08544
421	3.61912	WB	0.0408	0.0958	-0.12361
421	4.07151	WB	0.0408	0.12595	-0.16177
421	0.	WS	0.02277	-0.18042	0.12277
421	0.45239	WS	0.02277	-0.13927	0.09629
421	0.90478	WS	0.02277	-0.09812	0.06982
421	1.35717	WS	0.02277	-0.05698	0.04335
421	1.80956	WS	0.02277	-0.01583	0.01687
421	2.26195	WS	0.02277	0.02532	-0.0096
421	2.71434	WS	0.02277	0.06646	-0.03607
421	3.16673	WS	0.02277	0.10761	-0.06255
421	3.61912	WS	0.02277	0.14876	-0.08902
421	4.07151	WS	0.02277	0.1899	-0.11549
422	0.	DEAD	-0.00418	0.00564	0.1334
422	0.45239	DEAD	-0.00418	0.00751	0.16908
422	0.90478	DEAD	-0.00418	0.00939	0.1985
422	1.35717	DEAD	-0.00418	0.01126	0.22165
422	1.80956	DEAD	-0.00418	0.01314	0.23854
422	2.26195	DEAD	-0.00418	0.01501	0.24916
422	2.71434	DEAD	-0.00418	0.01688	0.25352
422	3.16673	DEAD	-0.00418	0.01876	0.25162
422	3.61912	DEAD	-0.00418	0.02063	0.24345
422	4.07151	DEAD	-0.00418	0.02251	0.22901
422	0.	LIVE	-0.00126	0.00241	0.05146
422	0.45239	LIVE	-0.00126	0.00291	0.0544
422	0.90478	LIVE	-0.00126	0.00342	0.05733
422	1.35717	LIVE	-0.00126	0.00393	0.06027

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
422	1.80956	LIVE	-0.00126	0.00444	0.0632
422	2.26195	LIVE	-0.00126	0.00495	0.06613
422	2.71434	LIVE	-0.00126	0.00545	0.06907
422	3.16673	LIVE	-0.00126	0.00596	0.072
422	3.61912	LIVE	-0.00126	0.00647	0.07494
422	4.07151	LIVE	-0.00126	0.00698	0.07787
422	0.	WB	0.00383	-0.02575	0.29308
422	0.45239	WB	0.00383	-0.01969	0.23278
422	0.90478	WB	0.00383	-0.01364	0.17249
422	1.35717	WB	0.00383	-0.00758	0.1122
422	1.80956	WB	0.00383	-0.00153	0.0519
422	2.26195	WB	0.00383	0.00453	-0.00839
422	2.71434	WB	0.00383	0.01058	-0.06869
422	3.16673	WB	0.00383	0.01664	-0.12898
422	3.61912	WB	0.00383	0.0227	-0.18927
422	4.07151	WB	0.00383	0.02875	-0.24957
422	0.	WS	0.00722	-0.05357	0.19257
422	0.45239	WS	0.00722	-0.04188	0.15186
422	0.90478	WS	0.00722	-0.03019	0.11115
422	1.35717	WS	0.00722	-0.0185	0.07044
422	1.80956	WS	0.00722	-0.00681	0.02973
422	2.26195	WS	0.00722	0.00488	-0.01098
422	2.71434	WS	0.00722	0.01657	-0.05169
422	3.16673	WS	0.00722	0.02826	-0.0924
422	3.61912	WS	0.00722	0.03995	-0.13311
422	4.07151	WS	0.00722	0.05164	-0.17382
423	0.	DEAD	-0.01039	-0.00675	0.05224
423	0.45239	DEAD	-0.01039	-0.00987	0.10142
423	0.90478	DEAD	-0.01039	-0.01299	0.14434
423	1.35717	DEAD	-0.01039	-0.0161	0.18099
423	1.80956	DEAD	-0.01039	-0.01922	0.21137
423	2.26195	DEAD	-0.01039	-0.02234	0.23549
423	2.71434	DEAD	-0.01039	-0.02545	0.25335
423	3.16673	DEAD	-0.01039	-0.02857	0.26494
423	3.61912	DEAD	-0.01039	-0.03168	0.27026
423	4.07151	DEAD	-0.01039	-0.0348	0.26933
423	0.	LIVE	-0.00359	-0.00038	0.02563
423	0.45239	LIVE	-0.00359	-0.00152	0.03287
423	0.90478	LIVE	-0.00359	-0.00265	0.04011
423	1.35717	LIVE	-0.00359	-0.00379	0.04735
423	1.80956	LIVE	-0.00359	-0.00492	0.05459
423	2.26195	LIVE	-0.00359	-0.00606	0.06183
423	2.71434	LIVE	-0.00359	-0.00719	0.06907
423	3.16673	LIVE	-0.00359	-0.00833	0.07631
423	3.61912	LIVE	-0.00359	-0.00946	0.08356
423	4.07151	LIVE	-0.00359	-0.0106	0.0908
423	0.	WB	-0.00249	0.03211	0.28815
423	0.45239	WB	-0.00249	0.02445	0.22914
423	0.90478	WB	-0.00249	0.01679	0.17012
423	1.35717	WB	-0.00249	0.00913	0.11111
423	1.80956	WB	-0.00249	0.00147	0.05209
423	2.26195	WB	-0.00249	-0.00619	-0.00692
423	2.71434	WB	-0.00249	-0.01385	-0.06594
423	3.16673	WB	-0.00249	-0.02151	-0.12496

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
423	3.61912	WB	-0.00249	-0.02917	-0.18397
423	4.07151	WB	-0.00249	-0.03683	-0.24299
423	0.	WS	-0.00593	0.06112	0.18423
423	0.45239	WS	-0.00593	0.04755	0.14549
423	0.90478	WS	-0.00593	0.03398	0.10675
423	1.35717	WS	-0.00593	0.02042	0.06801
423	1.80956	WS	-0.00593	0.00685	0.02926
423	2.26195	WS	-0.00593	-0.00672	-0.00948
423	2.71434	WS	-0.00593	-0.02028	-0.04822
423	3.16673	WS	-0.00593	-0.03385	-0.08697
423	3.61912	WS	-0.00593	-0.04742	-0.12571
423	4.07151	WS	-0.00593	-0.06098	-0.16445
424	0.	DEAD	0.03481	0.11469	0.03041
424	0.45239	DEAD	0.03481	0.11122	0.06408
424	0.90478	DEAD	0.03481	0.10776	0.09149
424	1.35717	DEAD	0.03481	0.10429	0.11264
424	1.80956	DEAD	0.03481	0.10082	0.12752
424	2.26195	DEAD	0.03481	0.09735	0.13613
424	2.71434	DEAD	0.03481	0.09388	0.13849
424	3.16673	DEAD	0.03481	0.09042	0.13457
424	3.61912	DEAD	0.03481	0.08695	0.12439
424	4.07151	DEAD	0.03481	0.08348	0.10795
424	0.	LIVE	0.0092	0.03883	0.00067
424	0.45239	LIVE	0.0092	0.03729	0.00652
424	0.90478	LIVE	0.0092	0.03574	0.01236
424	1.35717	LIVE	0.0092	0.0342	0.0182
424	1.80956	LIVE	0.0092	0.03266	0.02405
424	2.26195	LIVE	0.0092	0.03111	0.02989
424	2.71434	LIVE	0.0092	0.02957	0.03573
424	3.16673	LIVE	0.0092	0.02802	0.04158
424	3.61912	LIVE	0.0092	0.02648	0.04742
424	4.07151	LIVE	0.0092	0.02493	0.05326
424	0.	WB	-0.03716	0.16207	0.204
424	0.45239	WB	-0.03716	0.1284	0.1611
424	0.90478	WB	-0.03716	0.09472	0.11819
424	1.35717	WB	-0.03716	0.06105	0.07529
424	1.80956	WB	-0.03716	0.02737	0.03239
424	2.26195	WB	-0.03716	-0.00631	-0.01052
424	2.71434	WB	-0.03716	-0.03998	-0.05342
424	3.16673	WB	-0.03716	-0.07366	-0.09632
424	3.61912	WB	-0.03716	-0.10733	-0.13923
424	4.07151	WB	-0.03716	-0.14101	-0.18213
424	0.	WS	-0.01803	0.20255	0.14775
424	0.45239	WS	-0.01803	0.15668	0.11592
424	0.90478	WS	-0.01803	0.11081	0.0841
424	1.35717	WS	-0.01803	0.06494	0.05228
424	1.80956	WS	-0.01803	0.01907	0.02045
424	2.26195	WS	-0.01803	-0.0268	-0.01137
424	2.71434	WS	-0.01803	-0.07267	-0.04319
424	3.16673	WS	-0.01803	-0.11853	-0.07502
424	3.61912	WS	-0.01803	-0.1644	-0.10684
424	4.07151	WS	-0.01803	-0.21027	-0.13866
425	0.	DEAD	-0.12585	0.23532	-0.27446
425	0.50019	DEAD	-0.12585	0.09598	-0.16437

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
425	1.00038	DEAD	-0.12585	-0.04336	-0.11823
425	1.50058	DEAD	-0.12585	-0.1827	-0.13604
425	2.00077	DEAD	-0.12585	-0.32204	-0.2178
425	0.	LIVE	-0.03866	0.07047	-0.10222
425	0.50019	LIVE	-0.03866	0.02639	-0.06582
425	1.00038	LIVE	-0.03866	-0.01768	-0.04818
425	1.50058	LIVE	-0.03866	-0.06175	-0.04931
425	2.00077	LIVE	-0.03866	-0.10582	-0.0692
425	0.	WB	0.00078	-0.20644	0.01932
425	0.50019	WB	0.00078	-0.09676	0.00994
425	1.00038	WB	0.00078	0.00381	-0.01445
425	1.50058	WB	0.00078	0.09528	-0.05385
425	2.00077	WB	0.00078	0.17766	-0.10826
425	0.	WS	-0.0036	-0.4004	0.12427
425	0.50019	WS	-0.0036	-0.1888	0.06673
425	1.00038	WS	-0.0036	0.0137	0.00919
425	1.50058	WS	-0.0036	0.2071	-0.04835
425	2.00077	WS	-0.0036	0.3914	-0.1059
426	0.	DEAD	0.04783	-0.52894	-0.01651
426	0.50021	DEAD	0.04783	-0.28174	-0.03744
426	1.00041	DEAD	0.04783	-0.03453	-0.12232
426	1.50062	DEAD	0.04783	0.21268	-0.27115
426	2.00082	DEAD	0.04783	0.45988	-0.48393
426	0.	LIVE	0.01254	-0.1669	-0.00647
426	0.50021	LIVE	0.01254	-0.08916	-0.01463
426	1.00041	LIVE	0.01254	-0.01142	-0.04156
426	1.50062	LIVE	0.01254	0.06632	-0.08724
426	2.00082	LIVE	0.01254	0.14406	-0.1517
426	0.	WB	0.01997	-0.26643	0.06168
426	0.50021	WB	0.01997	-0.14369	0.02046
426	1.00041	WB	0.01997	-0.01184	-0.02076
426	1.50062	WB	0.01997	0.1291	-0.06198
426	2.00082	WB	0.01997	0.27914	-0.10319
426	0.	WS	0.00311	-0.36032	0.1403
426	0.50021	WS	0.00311	-0.1981	0.06617
426	1.00041	WS	0.00311	-0.01177	-0.00795
426	1.50062	WS	0.00311	0.19866	-0.08206
426	2.00082	WS	0.00311	0.43319	-0.15617
430	0.	DEAD	0.12121	-0.2652	-0.19243
430	0.50019	DEAD	0.12121	-0.16215	-0.12098
430	1.00038	DEAD	0.12121	-0.05911	-0.11348
430	1.50058	DEAD	0.12121	0.04393	-0.16993
430	2.00077	DEAD	0.12121	0.14697	-0.29033
430	0.	LIVE	0.03569	-0.0805	-0.05957
430	0.50019	LIVE	0.03569	-0.04927	-0.03849
430	1.00038	LIVE	0.03569	-0.01804	-0.03618
430	1.50058	LIVE	0.03569	0.01319	-0.05264
430	2.00077	LIVE	0.03569	0.04442	-0.08785
430	0.	WB	0.01182	0.21855	-0.09176
430	0.50019	WB	0.01182	0.10771	-0.04878
430	1.00038	WB	0.01182	-0.01223	-0.02082
430	1.50058	WB	0.01182	-0.14127	-0.00787
430	2.00077	WB	0.01182	-0.27941	-0.00994
430	0.	WS	0.01572	0.43352	-0.08928

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
430	0.50019	WS	0.01572	0.21766	-0.045
430	1.00038	WS	0.01572	-0.00729	-0.00072
430	1.50058	WS	0.01572	-0.24135	0.04356
430	2.00077	WS	0.01572	-0.48451	0.08783
431	0.	DEAD	-0.05446	0.35706	-0.47036
431	0.50021	DEAD	-0.05446	0.15515	-0.24644
431	1.00041	DEAD	-0.05446	-0.04676	-0.08646
431	1.50062	DEAD	-0.05446	-0.24867	0.00956
431	2.00082	DEAD	-0.05446	-0.45058	0.04162
431	0.	LIVE	-0.01558	0.10785	-0.14138
431	0.50021	LIVE	-0.01558	0.04673	-0.07536
431	1.00041	LIVE	-0.01558	-0.01438	-0.02811
431	1.50062	LIVE	-0.01558	-0.07549	0.00038
431	2.00082	LIVE	-0.01558	-0.1366	0.01011
431	0.	WB	-0.00855	0.33739	-0.0751
431	0.50021	WB	-0.00855	0.16539	-0.04165
431	1.00041	WB	-0.00855	0.00249	-0.0082
431	1.50062	WB	-0.00855	-0.15131	0.02525
431	2.00082	WB	-0.00855	-0.29601	0.0587
431	0.	WS	0.00902	0.50633	-0.11937
431	0.50021	WS	0.00902	0.24549	-0.0553
431	1.00041	WS	0.00902	0.00875	0.00877
431	1.50062	WS	0.00902	-0.20389	0.07285
431	2.00082	WS	0.00902	-0.39242	0.13693
445	0.	DEAD	-0.01915	0.03119	-0.31587
445	1.78037	DEAD	-0.01915	0.00644	0.09265
445	3.56074	DEAD	-0.01915	-0.01831	-0.23734
445	0.	LIVE	-0.00531	0.01022	-0.10232
445	1.78037	LIVE	-0.00531	0.00208	0.02979
445	3.56074	LIVE	-0.00531	-0.00606	-0.07515
445	0.	WB	-0.0083	0.02629	-0.08762
445	1.78037	WB	-0.0083	-0.0134	0.02366
445	3.56074	WB	-0.0083	0.03926	-0.05424
445	0.	WS	-0.0039	0.01053	-0.01185
445	1.78037	WS	-0.0039	-0.01479	-0.00103
445	3.56074	WS	-0.0039	0.05224	0.00969
446	0.	DEAD	0.02259	0.0164	-0.27306
446	0.44375	DEAD	0.02259	0.01239	-0.10695
446	0.8875	DEAD	0.02259	0.00838	0.01315
446	1.33125	DEAD	0.02259	0.00438	0.08724
446	1.775	DEAD	0.02259	0.00037	0.11532
446	2.21875	DEAD	0.02259	-0.00363	0.09738
446	2.6625	DEAD	0.02259	-0.00764	0.03343
446	3.10625	DEAD	0.02259	-0.01165	-0.07652
446	3.55	DEAD	0.02259	-0.01565	-0.2325
446	0.	LIVE	0.00694	0.00457	-0.08648
446	0.44375	LIVE	0.00694	0.00345	-0.03343
446	0.8875	LIVE	0.00694	0.00233	0.00485
446	1.33125	LIVE	0.00694	0.0012	0.02836
446	1.775	LIVE	0.00694	8.159E-05	0.03711
446	2.21875	LIVE	0.00694	-0.00104	0.03108
446	2.6625	LIVE	0.00694	-0.00216	0.01029
446	3.10625	LIVE	0.00694	-0.00329	-0.02527
446	3.55	LIVE	0.00694	-0.00441	-0.0756

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
446	0.	WB	0.00534	0.04367	-0.02062
446	0.44375	WB	0.00534	0.02032	-0.01549
446	0.8875	WB	0.00534	0.0027	-0.01037
446	1.33125	WB	0.00534	-0.00919	-0.00524
446	1.775	WB	0.00534	-0.01534	-0.00012
446	2.21875	WB	0.00534	-0.01575	0.005
446	2.6625	WB	0.00534	-0.01044	0.01013
446	3.10625	WB	0.00534	0.00061	0.01525
446	3.55	WB	0.00534	0.01739	0.02038
446	0.	WS	0.00556	0.11095	-0.02391
446	0.44375	WS	0.00556	0.04515	-0.01782
446	0.8875	WS	0.00556	-0.00309	-0.01173
446	1.33125	WS	0.00556	-0.03379	-0.00563
446	1.775	WS	0.00556	-0.04694	0.00046
446	2.21875	WS	0.00556	-0.04255	0.00655
446	2.6625	WS	0.00556	-0.0206	0.01264
446	3.10625	WS	0.00556	0.0189	0.01873
446	3.55	WS	0.00556	0.07594	0.02482
448	0.	DEAD	-0.01724	0.03144	-0.1616
448	1.39202	DEAD	-0.01724	-0.00758	0.0454
448	2.78404	DEAD	-0.01724	-0.0466	-0.19991
448	0.	LIVE	-0.00505	0.0096	-0.05112
448	1.39202	LIVE	-0.00505	-0.00232	0.01453
448	2.78404	LIVE	-0.00505	-0.01424	-0.06499
448	0.	WB	0.00297	0.04162	-0.01353
448	1.39202	WB	0.00297	-0.01015	-0.00181
448	2.78404	WB	0.00297	-0.00561	0.00973
448	0.	WS	0.00397	0.09151	-0.02218
448	1.39202	WS	0.00397	-0.02868	0.00135
448	2.78404	WS	0.00397	0.02317	0.02435
449	0.	DEAD	-0.01785	0.03678	-0.27493
449	1.78697	DEAD	-0.01785	0.00581	0.09069
449	3.57394	DEAD	-0.01785	-0.02516	-0.28773
449	0.	LIVE	-0.00533	0.01104	-0.08923
449	1.78697	LIVE	-0.00533	0.0018	0.02939
449	3.57394	LIVE	-0.00533	-0.00743	-0.09081
449	0.	WB	0.00423	-0.01637	0.00709
449	1.78697	WB	0.00423	0.01541	-0.00035
449	3.57394	WB	0.00423	-0.04552	-0.00842
449	0.	WS	0.00415	-0.0748	0.01559
449	1.78697	WS	0.00415	0.04677	0.00159
449	3.57394	WS	0.00415	-0.11449	-0.01429
450	0.	DEAD	0.00874	0.13142	-0.07182
450	0.50005	DEAD	0.00874	0.06881	-0.00275
450	1.0001	DEAD	0.00874	0.0062	0.0079
450	1.50015	DEAD	0.00874	-0.05641	-0.03988
450	2.00021	DEAD	0.00874	-0.11902	-0.14609
450	0.	LIVE	0.00254	0.03939	-0.02535
450	0.50005	LIVE	0.00254	0.0207	-0.00197
450	1.0001	LIVE	0.00254	0.00201	0.00266
450	1.50015	LIVE	0.00254	-0.01668	-0.01147
450	2.00021	LIVE	0.00254	-0.03537	-0.04435
450	0.	WB	-0.00388	0.04644	0.02269
450	0.50005	WB	-0.00388	0.02897	0.01169

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
450	1.0001	WB	-0.00388	0.00422	0.00069
450	1.50015	WB	-0.00388	-0.02781	-0.01031
450	2.00021	WB	-0.00388	-0.06711	-0.02132
450	0.	WS	-0.00137	0.04924	0.04173
450	0.50005	WS	-0.00137	0.04192	0.02293
450	1.0001	WS	-0.00137	0.01233	0.00412
450	1.50015	WS	-0.00137	-0.03955	-0.01468
450	2.00021	WS	-0.00137	-0.11371	-0.03348
451	0.	DEAD	0.03357	0.15989	-0.28103
451	0.5	DEAD	0.03357	0.08125	-0.12914
451	1.	DEAD	0.03357	0.00261	-0.04115
451	1.5	DEAD	0.03357	-0.07602	-0.01706
451	2.	DEAD	0.03357	-0.15466	-0.05687
451	0.	LIVE	0.00986	0.04772	-0.08327
451	0.5	LIVE	0.00986	0.02423	-0.03887
451	1.	LIVE	0.00986	0.00075	-0.01322
451	1.5	LIVE	0.00986	-0.02274	-0.00633
451	2.	LIVE	0.00986	-0.04623	-0.01818
451	0.	WB	-0.04384	0.23953	-0.02819
451	0.5	WB	-0.04384	0.11871	-0.01583
451	1.	WB	-0.04384	0.00699	-0.00346
451	1.5	WB	-0.04384	-0.09564	0.00891
451	2.	WB	-0.04384	-0.18916	0.02128
451	0.	WS	-0.01699	0.44832	-0.01332
451	0.5	WS	-0.01699	0.2259	-0.00362
451	1.	WS	-0.01699	0.01258	0.00609
451	1.5	WS	-0.01699	-0.19164	0.01579
451	2.	WS	-0.01699	-0.38677	0.02549
459	0.	DEAD	-0.00097	0.01006	-0.51123
459	0.48182	DEAD	-0.00097	0.00844	-0.24422
459	0.96364	DEAD	-0.00097	0.00682	-0.03145
459	1.44545	DEAD	-0.00097	0.0052	0.12707
459	1.92727	DEAD	-0.00097	0.00358	0.23134
459	2.40909	DEAD	-0.00097	0.00195	0.28138
459	2.89091	DEAD	-0.00097	0.00033	0.27716
459	3.37273	DEAD	-0.00097	-0.00129	0.2187
459	3.85455	DEAD	-0.00097	-0.00291	0.106
459	4.33636	DEAD	-0.00097	-0.00453	-0.06095
459	4.81818	DEAD	-0.00097	-0.00615	-0.28214
459	5.3	DEAD	-0.00097	-0.00777	-0.55758
459	0.	LIVE	-0.0003	0.00285	-0.16408
459	0.48182	LIVE	-0.0003	0.00239	-0.0784
459	0.96364	LIVE	-0.0003	0.00194	-0.01012
459	1.44545	LIVE	-0.0003	0.00148	0.04074
459	1.92727	LIVE	-0.0003	0.00103	0.07419
459	2.40909	LIVE	-0.0003	0.00058	0.09023
459	2.89091	LIVE	-0.0003	0.00012	0.08886
459	3.37273	LIVE	-0.0003	-0.00033	0.07008
459	3.85455	LIVE	-0.0003	-0.00078	0.03389
459	4.33636	LIVE	-0.0003	-0.00124	-0.01972
459	4.81818	LIVE	-0.0003	-0.00169	-0.09073
459	5.3	LIVE	-0.0003	-0.00214	-0.17916
459	0.	WB	0.00426	0.08043	-0.01162
459	0.48182	WB	0.00426	0.04435	-0.00951

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
459	0.96364	WB	0.00426	0.01503	-0.00741
459	1.44545	WB	0.00426	-0.00753	-0.0053
459	1.92727	WB	0.00426	-0.02334	-0.00319
459	2.40909	WB	0.00426	-0.03238	-0.00108
459	2.89091	WB	0.00426	-0.03466	0.00103
459	3.37273	WB	0.00426	-0.03018	0.00314
459	3.85455	WB	0.00426	-0.01895	0.00525
459	4.33636	WB	0.00426	-0.00095	0.00736
459	4.81818	WB	0.00426	0.02381	0.00947
459	5.3	WB	0.00426	0.05532	0.01158
459	0.	WS	0.00599	0.23008	-0.01875
459	0.48182	WS	0.00599	0.12259	-0.01544
459	0.96364	WS	0.00599	0.0358	-0.01213
459	1.44545	WS	0.00599	-0.03031	-0.00882
459	1.92727	WS	0.00599	-0.07572	-0.00551
459	2.40909	WS	0.00599	-0.10045	-0.0022
459	2.89091	WS	0.00599	-0.10449	0.0011
459	3.37273	WS	0.00599	-0.08784	0.00441
459	3.85455	WS	0.00599	-0.05051	0.00772
459	4.33636	WS	0.00599	0.00752	0.01103
459	4.81818	WS	0.00599	0.08623	0.01434
459	5.3	WS	0.00599	0.18563	0.01765
460	0.	DEAD	0.00596	0.02092	-0.4482
460	0.48182	DEAD	0.00596	0.01785	-0.19004
460	0.96364	DEAD	0.00596	0.01478	0.01387
460	1.44545	DEAD	0.00596	0.01171	0.16354
460	1.92727	DEAD	0.00596	0.00864	0.25896
460	2.40909	DEAD	0.00596	0.00557	0.30014
460	2.89091	DEAD	0.00596	0.0025	0.28707
460	3.37273	DEAD	0.00596	-0.00057	0.21975
460	3.85455	DEAD	0.00596	-0.00365	0.09819
460	4.33636	DEAD	0.00596	-0.00672	-0.07761
460	4.81818	DEAD	0.00596	-0.00979	-0.30766
460	5.3	DEAD	0.00596	-0.01286	-0.59196
460	0.	LIVE	0.00179	0.00625	-0.14456
460	0.48182	LIVE	0.00179	0.00534	-0.06162
460	0.96364	LIVE	0.00179	0.00444	0.00392
460	1.44545	LIVE	0.00179	0.00353	0.05204
460	1.92727	LIVE	0.00179	0.00263	0.08275
460	2.40909	LIVE	0.00179	0.00172	0.09605
460	2.89091	LIVE	0.00179	0.00082	0.09194
460	3.37273	LIVE	0.00179	-8.721E-05	0.07042
460	3.85455	LIVE	0.00179	-0.00099	0.03149
460	4.33636	LIVE	0.00179	-0.0019	-0.02486
460	4.81818	LIVE	0.00179	-0.0028	-0.09861
460	5.3	LIVE	0.00179	-0.00371	-0.18978
460	0.	WB	0.00403	0.08224	-0.0061
460	0.48182	WB	0.00403	0.04583	-0.00509
460	0.96364	WB	0.00403	0.01618	-0.00408
460	1.44545	WB	0.00403	-0.00671	-0.00307
460	1.92727	WB	0.00403	-0.02284	-0.00206
460	2.40909	WB	0.00403	-0.0322	-0.00105
460	2.89091	WB	0.00403	-0.03481	-4.294E-05
460	3.37273	WB	0.00403	-0.03066	0.00097

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
460	3.85455	WB	0.00403	-0.01975	0.00198
460	4.33636	WB	0.00403	-0.00209	0.00298
460	4.81818	WB	0.00403	0.02234	0.00399
460	5.3	WB	0.00403	0.05353	0.005
460	0.	WS	0.00537	0.23239	-0.01358
460	0.48182	WS	0.00537	0.12447	-0.01146
460	0.96364	WS	0.00537	0.03724	-0.00934
460	1.44545	WS	0.00537	-0.0293	-0.00722
460	1.92727	WS	0.00537	-0.07515	-0.0051
460	2.40909	WS	0.00537	-0.10032	-0.00298
460	2.89091	WS	0.00537	-0.10479	-0.00086
460	3.37273	WS	0.00537	-0.08858	0.00125
460	3.85455	WS	0.00537	-0.05168	0.00337
460	4.33636	WS	0.00537	0.00591	0.00549
460	4.81818	WS	0.00537	0.08419	0.00761
460	5.3	WS	0.00537	0.18316	0.00973
461	0.	DEAD	-0.00823	0.02291	-0.42887
461	0.48182	DEAD	-0.00823	0.01966	-0.17282
461	0.96364	DEAD	-0.00823	0.0164	0.02898
461	1.44545	DEAD	-0.00823	0.01315	0.17654
461	1.92727	DEAD	-0.00823	0.00989	0.26985
461	2.40909	DEAD	-0.00823	0.00664	0.30892
461	2.89091	DEAD	-0.00823	0.00338	0.29374
461	3.37273	DEAD	-0.00823	0.00013	0.22432
461	3.85455	DEAD	-0.00823	-0.00313	0.10065
461	4.33636	DEAD	-0.00823	-0.00639	-0.07726
461	4.81818	DEAD	-0.00823	-0.00964	-0.30942
461	5.3	DEAD	-0.00823	-0.0129	-0.59582
461	0.	LIVE	-0.0025	0.00691	-0.13884
461	0.48182	LIVE	-0.0025	0.00594	-0.05652
461	0.96364	LIVE	-0.0025	0.00498	0.0084
461	1.44545	LIVE	-0.0025	0.00401	0.0559
461	1.92727	LIVE	-0.0025	0.00304	0.08599
461	2.40909	LIVE	-0.0025	0.00207	0.09868
461	2.89091	LIVE	-0.0025	0.0011	0.09395
461	3.37273	LIVE	-0.0025	0.00013	0.0718
461	3.85455	LIVE	-0.0025	-0.00083	0.03225
461	4.33636	LIVE	-0.0025	-0.0018	-0.02471
461	4.81818	LIVE	-0.0025	-0.00277	-0.09909
461	5.3	LIVE	-0.0025	-0.00374	-0.19087
461	0.	WB	0.00152	0.08228	-0.00237
461	0.48182	WB	0.00152	0.04583	-0.00204
461	0.96364	WB	0.00152	0.01613	-0.00172
461	1.44545	WB	0.00152	-0.0068	-0.0014
461	1.92727	WB	0.00152	-0.02297	-0.00107
461	2.40909	WB	0.00152	-0.03239	-0.00075
461	2.89091	WB	0.00152	-0.03504	-0.00042
461	3.37273	WB	0.00152	-0.03094	-9.953E-05
461	3.85455	WB	0.00152	-0.02007	0.00022
461	4.33636	WB	0.00152	-0.00245	0.00055
461	4.81818	WB	0.00152	0.02193	0.00087
461	5.3	WB	0.00152	0.05308	0.0012
461	0.	WS	0.00192	0.23265	-0.01013
461	0.48182	WS	0.00192	0.12463	-0.00873

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
461	0.96364	WS	0.00192	0.03729	-0.00734
461	1.44545	WS	0.00192	-0.02936	-0.00594
461	1.92727	WS	0.00192	-0.07532	-0.00454
461	2.40909	WS	0.00192	-0.10059	-0.00314
461	2.89091	WS	0.00192	-0.10517	-0.00174
461	3.37273	WS	0.00192	-0.08906	-0.00034
461	3.85455	WS	0.00192	-0.05227	0.00106
461	4.33636	WS	0.00192	0.00522	0.00246
461	4.81818	WS	0.00192	0.08339	0.00386
461	5.3	WS	0.00192	0.18225	0.00526
462	0.	DEAD	8.826E-05	0.03617	-0.4547
462	0.48182	DEAD	8.826E-05	0.03126	-0.19413
462	0.96364	DEAD	8.826E-05	0.02636	0.01219
462	1.44545	DEAD	8.826E-05	0.02145	0.16426
462	1.92727	DEAD	8.826E-05	0.01655	0.26209
462	2.40909	DEAD	8.826E-05	0.01164	0.30568
462	2.89091	DEAD	8.826E-05	0.00674	0.29502
462	3.37273	DEAD	8.826E-05	0.00184	0.23011
462	3.85455	DEAD	8.826E-05	-0.00307	0.11096
462	4.33636	DEAD	8.826E-05	-0.00797	-0.06243
462	4.81818	DEAD	8.826E-05	-0.01288	-0.29007
462	5.3	DEAD	8.826E-05	-0.01778	-0.57196
462	0.	LIVE	1.487E-05	0.01084	-0.14697
462	0.48182	LIVE	1.487E-05	0.00937	-0.06323
462	0.96364	LIVE	1.487E-05	0.00791	0.00309
462	1.44545	LIVE	1.487E-05	0.00644	0.052
462	1.92727	LIVE	1.487E-05	0.00498	0.08351
462	2.40909	LIVE	1.487E-05	0.00352	0.0976
462	2.89091	LIVE	1.487E-05	0.00205	0.09428
462	3.37273	LIVE	1.487E-05	0.00059	0.07355
462	3.85455	LIVE	1.487E-05	-0.00087	0.03541
462	4.33636	LIVE	1.487E-05	-0.00234	-0.02014
462	4.81818	LIVE	1.487E-05	-0.0038	-0.09311
462	5.3	LIVE	1.487E-05	-0.00526	-0.18348
462	0.	WB	-0.00166	0.08387	-0.00319
462	0.48182	WB	-0.00166	0.04724	-0.00263
462	0.96364	WB	-0.00166	0.01737	-0.00207
462	1.44545	WB	-0.00166	-0.00575	-0.00151
462	1.92727	WB	-0.00166	-0.0221	-0.00095
462	2.40909	WB	-0.00166	-0.03169	-0.00039
462	2.89091	WB	-0.00166	-0.03453	0.00017
462	3.37273	WB	-0.00166	-0.0306	0.00073
462	3.85455	WB	-0.00166	-0.01992	0.00129
462	4.33636	WB	-0.00166	-0.00247	0.00184
462	4.81818	WB	-0.00166	0.02173	0.0024
462	5.3	WB	-0.00166	0.0527	0.00296
462	0.	WS	-0.00091	0.23414	-0.01335
462	0.48182	WS	-0.00091	0.1259	-0.01145
462	0.96364	WS	-0.00091	0.03834	-0.00954
462	1.44545	WS	-0.00091	-0.02852	-0.00764
462	1.92727	WS	-0.00091	-0.0747	-0.00573
462	2.40909	WS	-0.00091	-0.10019	-0.00383
462	2.89091	WS	-0.00091	-0.105	-0.00192
462	3.37273	WS	-0.00091	-0.08911	-2.040E-05

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
462	3.85455	WS	-0.00091	-0.05254	0.00188
462	4.33636	WS	-0.00091	0.00473	0.00379
462	4.81818	WS	-0.00091	0.08268	0.00569
462	5.3	WS	-0.00091	0.18132	0.0076
465	0.	DEAD	0.01931	-0.03291	-0.31283
465	1.78037	DEAD	0.01931	-0.00556	0.09373
465	3.56074	DEAD	0.01931	0.02179	-0.23821
465	0.	LIVE	0.0058	-0.00986	-0.10054
465	1.78037	LIVE	0.0058	-0.00173	0.03032
465	3.56074	LIVE	0.0058	0.0064	-0.07585
465	0.	WB	0.00766	-0.02656	-0.08742
465	1.78037	WB	0.00766	0.01363	0.02405
465	3.56074	WB	0.00766	-0.03853	-0.05367
465	0.	WS	0.00317	-0.01099	-0.01209
465	1.78037	WS	0.00317	0.01505	-0.0008
465	3.56074	WS	0.00317	-0.05127	0.01039
468	0.	DEAD	0.01158	0.00481	-0.57339
468	0.48636	DEAD	0.01158	0.00394	-0.29432
468	0.97273	DEAD	0.01158	0.00307	-0.07052
468	1.45909	DEAD	0.01158	0.0022	0.098
468	1.94545	DEAD	0.01158	0.00133	0.21125
468	2.43182	DEAD	0.01158	0.00046	0.26923
468	2.91818	DEAD	0.01158	-0.00041	0.27193
468	3.40455	DEAD	0.01158	-0.00127	0.21936
468	3.89091	DEAD	0.01158	-0.00214	0.11152
468	4.37727	DEAD	0.01158	-0.00301	-0.0516
468	4.86364	DEAD	0.01158	-0.00388	-0.26999
468	5.35	DEAD	0.01158	-0.00475	-0.54365
468	0.	LIVE	0.00354	0.00129	-0.18375
468	0.48636	LIVE	0.00354	0.00106	-0.09423
468	0.97273	LIVE	0.00354	0.00082	-0.02244
468	1.45909	LIVE	0.00354	0.00059	0.03161
468	1.94545	LIVE	0.00354	0.00035	0.06791
468	2.43182	LIVE	0.00354	0.00012	0.08647
468	2.91818	LIVE	0.00354	-0.00012	0.08729
468	3.40455	LIVE	0.00354	-0.00035	0.07037
468	3.89091	LIVE	0.00354	-0.00059	0.03571
468	4.37727	LIVE	0.00354	-0.00082	-0.01669
468	4.86364	LIVE	0.00354	-0.00106	-0.08683
468	5.35	LIVE	0.00354	-0.00129	-0.17472
468	0.	WB	0.00094	0.07317	-0.00241
468	0.48636	WB	0.00094	0.038	-0.00196
468	0.97273	WB	0.00094	0.00972	-0.00152
468	1.45909	WB	0.00094	-0.01168	-0.00107
468	1.94545	WB	0.00094	-0.02618	-0.00063
468	2.43182	WB	0.00094	-0.0338	-0.00018
468	2.91818	WB	0.00094	-0.03453	0.00026
468	3.40455	WB	0.00094	-0.02837	0.00071
468	3.89091	WB	0.00094	-0.01532	0.00115
468	4.37727	WB	0.00094	0.00461	0.0016
468	4.86364	WB	0.00094	0.03143	0.00204
468	5.35	WB	0.00094	0.06514	0.00249
468	0.	WS	0.00143	0.2173	-0.00324
468	0.48636	WS	0.00143	0.11092	-0.0026

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
468	0.97273	WS	0.00143	0.02563	-0.00197
468	1.45909	WS	0.00143	-0.03858	-0.00133
468	1.94545	WS	0.00143	-0.08171	-0.00069
468	2.43182	WS	0.00143	-0.10376	-5.869E-05
468	2.91818	WS	0.00143	-0.10474	0.00058
468	3.40455	WS	0.00143	-0.08462	0.00121
468	3.89091	WS	0.00143	-0.04343	0.00185
468	4.37727	WS	0.00143	0.01884	0.00248
468	4.86364	WS	0.00143	0.10219	0.00312
468	5.35	WS	0.00143	0.20662	0.00375
469	0.	DEAD	-0.01202	0.00521	-0.57819
469	0.48636	DEAD	-0.01202	0.00404	-0.29877
469	0.97273	DEAD	-0.01202	0.00288	-0.07461
469	1.45909	DEAD	-0.01202	0.00171	0.09426
469	1.94545	DEAD	-0.01202	0.00054	0.20787
469	2.43182	DEAD	-0.01202	-0.00062	0.2662
469	2.91818	DEAD	-0.01202	-0.00179	0.26926
469	3.40455	DEAD	-0.01202	-0.00295	0.21704
469	3.89091	DEAD	-0.01202	-0.00412	0.10955
469	4.37727	DEAD	-0.01202	-0.00529	-0.05321
469	4.86364	DEAD	-0.01202	-0.00645	-0.27125
469	5.35	DEAD	-0.01202	-0.00762	-0.54456
469	0.	LIVE	-0.00365	0.00129	-0.18519
469	0.48636	LIVE	-0.00365	0.00099	-0.09556
469	0.97273	LIVE	-0.00365	0.00069	-0.02367
469	1.45909	LIVE	-0.00365	0.00039	0.03047
469	1.94545	LIVE	-0.00365	9.483E-05	0.06687
469	2.43182	LIVE	-0.00365	-0.0002	0.08554
469	2.91818	LIVE	-0.00365	-0.0005	0.08646
469	3.40455	LIVE	-0.00365	-0.0008	0.06964
469	3.89091	LIVE	-0.00365	-0.0011	0.03508
469	4.37727	LIVE	-0.00365	-0.0014	-0.01723
469	4.86364	LIVE	-0.00365	-0.0017	-0.08727
469	5.35	LIVE	-0.00365	-0.00199	-0.17506
469	0.	WB	-0.00064	0.07365	-0.00178
469	0.48636	WB	-0.00064	0.0384	-0.0015
469	0.97273	WB	-0.00064	0.01005	-0.00123
469	1.45909	WB	-0.00064	-0.01142	-0.00095
469	1.94545	WB	-0.00064	-0.026	-0.00067
469	2.43182	WB	-0.00064	-0.0337	-0.0004
469	2.91818	WB	-0.00064	-0.03451	-0.00012
469	3.40455	WB	-0.00064	-0.02842	0.00016
469	3.89091	WB	-0.00064	-0.01546	0.00043
469	4.37727	WB	-0.00064	0.0044	0.00071
469	4.86364	WB	-0.00064	0.03114	0.00098
469	5.35	WB	-0.00064	0.06478	0.00126
469	0.	WS	-0.001	0.21786	-0.0024
469	0.48636	WS	-0.001	0.11142	-0.00196
469	0.97273	WS	-0.001	0.02606	-0.00152
469	1.45909	WS	-0.001	-0.03822	-0.00108
469	1.94545	WS	-0.001	-0.08143	-0.00064
469	2.43182	WS	-0.001	-0.10355	-0.0002
469	2.91818	WS	-0.001	-0.10459	0.00024
469	3.40455	WS	-0.001	-0.08455	0.00068

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
469	3.89091	WS	-0.001	-0.04343	0.00112
469	4.37727	WS	-0.001	0.01877	0.00156
469	4.86364	WS	-0.001	0.10206	0.002
469	5.35	WS	-0.001	0.20642	0.00244
470	0.	DEAD	-7.684E-05	0.00271	-0.58874
470	0.48636	DEAD	-7.684E-05	0.00193	-0.30778
470	0.97273	DEAD	-7.684E-05	0.00115	-0.0821
470	1.45909	DEAD	-7.684E-05	0.00037	0.08832
470	1.94545	DEAD	-7.684E-05	-0.0004	0.20346
470	2.43182	DEAD	-7.684E-05	-0.00118	0.26332
470	2.91818	DEAD	-7.684E-05	-0.00196	0.26791
470	3.40455	DEAD	-7.684E-05	-0.00274	0.21723
470	3.89091	DEAD	-7.684E-05	-0.00351	0.11128
470	4.37727	DEAD	-7.684E-05	-0.00429	-0.04995
470	4.86364	DEAD	-7.684E-05	-0.00507	-0.26645
470	5.35	DEAD	-7.684E-05	-0.00585	-0.53823
470	0.	LIVE	-1.871E-05	0.00047	-0.18837
470	0.48636	LIVE	-1.871E-05	0.0003	-0.09828
470	0.97273	LIVE	-1.871E-05	0.00014	-0.02593
470	1.45909	LIVE	-1.871E-05	-2.791E-05	0.02867
470	1.94545	LIVE	-1.871E-05	-0.00019	0.06554
470	2.43182	LIVE	-1.871E-05	-0.00036	0.08466
470	2.91818	LIVE	-1.871E-05	-0.00052	0.08604
470	3.40455	LIVE	-1.871E-05	-0.00069	0.06968
470	3.89091	LIVE	-1.871E-05	-0.00085	0.03558
470	4.37727	LIVE	-1.871E-05	-0.00101	-0.01626
470	4.86364	LIVE	-1.871E-05	-0.00118	-0.08584
470	5.35	LIVE	-1.871E-05	-0.00134	-0.17317
470	0.	WB	-0.0002	0.07361	-0.00327
470	0.48636	WB	-0.0002	0.03834	-0.00282
470	0.97273	WB	-0.0002	0.00996	-0.00237
470	1.45909	WB	-0.0002	-0.01154	-0.00191
470	1.94545	WB	-0.0002	-0.02615	-0.00146
470	2.43182	WB	-0.0002	-0.03387	-0.00101
470	2.91818	WB	-0.0002	-0.03471	-0.00056
470	3.40455	WB	-0.0002	-0.02866	-0.00011
470	3.89091	WB	-0.0002	-0.01572	0.00034
470	4.37727	WB	-0.0002	0.00411	0.0008
470	4.86364	WB	-0.0002	0.03083	0.00125
470	5.35	WB	-0.0002	0.06443	0.0017
470	0.	WS	-0.00026	0.21802	-0.00425
470	0.48636	WS	-0.00026	0.11153	-0.00357
470	0.97273	WS	-0.00026	0.02612	-0.00289
470	1.45909	WS	-0.00026	-0.03821	-0.0022
470	1.94545	WS	-0.00026	-0.08146	-0.00152
470	2.43182	WS	-0.00026	-0.10363	-0.00084
470	2.91818	WS	-0.00026	-0.10472	-0.00015
470	3.40455	WS	-0.00026	-0.08472	0.00053
470	3.89091	WS	-0.00026	-0.04365	0.00121
470	4.37727	WS	-0.00026	0.01851	0.0019
470	4.86364	WS	-0.00026	0.10174	0.00258
470	5.35	WS	-0.00026	0.20606	0.00326
471	0.	DEAD	-0.00073	0.00347	-0.55898
471	0.48636	DEAD	-0.00073	0.00284	-0.2825

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
471	0.97273	DEAD	-0.00073	0.0022	-0.06129
471	1.45909	DEAD	-0.00073	0.00157	0.10464
471	1.94545	DEAD	-0.00073	0.00094	0.2153
471	2.43182	DEAD	-0.00073	0.0003	0.27069
471	2.91818	DEAD	-0.00073	-0.00033	0.2708
471	3.40455	DEAD	-0.00073	-0.00097	0.21564
471	3.89091	DEAD	-0.00073	-0.0016	0.10521
471	4.37727	DEAD	-0.00073	-0.00224	-0.0605
471	4.86364	DEAD	-0.00073	-0.00287	-0.28148
471	5.35	DEAD	-0.00073	-0.0035	-0.55773
471	0.	LIVE	-0.00023	0.00122	-0.17926
471	0.48636	LIVE	-0.00023	0.00099	-0.09054
471	0.97273	LIVE	-0.00023	0.00077	-0.01956
471	1.45909	LIVE	-0.00023	0.00054	0.03367
471	1.94545	LIVE	-0.00023	0.00032	0.06917
471	2.43182	LIVE	-0.00023	9.606E-05	0.08692
471	2.91818	LIVE	-0.00023	-0.00013	0.08693
471	3.40455	LIVE	-0.00023	-0.00035	0.0692
471	3.89091	LIVE	-0.00023	-0.00058	0.03373
471	4.37727	LIVE	-0.00023	-0.0008	-0.01948
471	4.86364	LIVE	-0.00023	-0.00102	-0.09043
471	5.35	LIVE	-0.00023	-0.00125	-0.17913
471	0.	WB	-0.00057	0.07342	-0.14425
471	0.48636	WB	-0.00057	0.03812	-0.07313
471	0.97273	WB	-0.00057	0.00971	-0.0162
471	1.45909	WB	-0.00057	-0.01181	0.02654
471	1.94545	WB	-0.00057	-0.02645	0.05509
471	2.43182	WB	-0.00057	-0.03419	0.06944
471	2.91818	WB	-0.00057	-0.03505	0.0696
471	3.40455	WB	-0.00057	-0.02903	0.05556
471	3.89091	WB	-0.00057	-0.01611	0.02734
471	4.37727	WB	-0.00057	0.00369	-0.01508
471	4.86364	WB	-0.00057	0.03038	-0.07169
471	5.35	WB	-0.00057	0.06396	-0.1425
471	0.	WS	-0.00084	0.07461	-0.00178
471	0.48636	WS	-0.00084	0.03905	-0.00146
471	0.97273	WS	-0.00084	0.01037	-0.00115
471	1.45909	WS	-0.00084	-0.01142	-0.00083
471	1.94545	WS	-0.00084	-0.02632	-0.00051
471	2.43182	WS	-0.00084	-0.03433	-0.00019
471	2.91818	WS	-0.00084	-0.03546	0.00013
471	3.40455	WS	-0.00084	-0.02969	0.00045
471	3.89091	WS	-0.00084	-0.01704	0.00077
471	4.37727	WS	-0.00084	0.00249	0.00108
471	4.86364	WS	-0.00084	0.02892	0.0014
471	5.35	WS	-0.00084	0.06223	0.00172
472	0.	DEAD	-0.00072	0.00426	-0.5584
472	0.48636	DEAD	-0.00072	0.00371	-0.28244
472	0.97273	DEAD	-0.00072	0.00315	-0.06176
472	1.45909	DEAD	-0.00072	0.00259	0.10365
472	1.94545	DEAD	-0.00072	0.00204	0.21379
472	2.43182	DEAD	-0.00072	0.00148	0.26865
472	2.91818	DEAD	-0.00072	0.00092	0.26824
472	3.40455	DEAD	-0.00072	0.00037	0.21256

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
472	3.89091	DEAD	-0.00072	-0.00019	0.1016
472	4.37727	DEAD	-0.00072	-0.00075	-0.06463
472	4.86364	DEAD	-0.00072	-0.0013	-0.28614
472	5.35	DEAD	-0.00072	-0.00186	-0.56291
472	0.	LIVE	-0.00024	0.00165	-0.17906
472	0.48636	LIVE	-0.00024	0.00142	-0.0905
472	0.97273	LIVE	-0.00024	0.00118	-0.01969
472	1.45909	LIVE	-0.00024	0.00094	0.03339
472	1.94545	LIVE	-0.00024	0.0007	0.06872
472	2.43182	LIVE	-0.00024	0.00046	0.08632
472	2.91818	LIVE	-0.00024	0.00022	0.08617
472	3.40455	LIVE	-0.00024	-1.605E-05	0.06828
472	3.89091	LIVE	-0.00024	-0.00025	0.03265
472	4.37727	LIVE	-0.00024	-0.00049	-0.02072
472	4.86364	LIVE	-0.00024	-0.00073	-0.09183
472	5.35	LIVE	-0.00024	-0.00097	-0.18068
472	0.	WB	-0.00025	0.07348	-0.14313
472	0.48636	WB	-0.00025	0.03826	-0.07221
472	0.97273	WB	-0.00025	0.00992	-0.01548
472	1.45909	WB	-0.00025	-0.01153	0.02705
472	1.94545	WB	-0.00025	-0.02609	0.05539
472	2.43182	WB	-0.00025	-0.03376	0.06954
472	2.91818	WB	-0.00025	-0.03454	0.0695
472	3.40455	WB	-0.00025	-0.02844	0.05526
472	3.89091	WB	-0.00025	-0.01545	0.02683
472	4.37727	WB	-0.00025	0.00443	-0.01579
472	4.86364	WB	-0.00025	0.03119	-0.07261
472	5.35	WB	-0.00025	0.06485	-0.14362
472	0.	WS	-0.00043	0.07454	0.0005
472	0.48636	WS	-0.00043	0.03905	0.00055
472	0.97273	WS	-0.00043	0.01044	0.00061
472	1.45909	WS	-0.00043	-0.01128	0.00067
472	1.94545	WS	-0.00043	-0.02611	0.00072
472	2.43182	WS	-0.00043	-0.03406	0.00078
472	2.91818	WS	-0.00043	-0.03512	0.00084
472	3.40455	WS	-0.00043	-0.02929	0.0009
472	3.89091	WS	-0.00043	-0.01657	0.00095
472	4.37727	WS	-0.00043	0.00304	0.00101
472	4.86364	WS	-0.00043	0.02953	0.00107
472	5.35	WS	-0.00043	0.06291	0.00112
473	0.	DEAD	0.00023	0.00464	-0.5582
473	0.48636	DEAD	0.00023	0.00408	-0.28253
473	0.97273	DEAD	0.00023	0.00351	-0.06213
473	1.45909	DEAD	0.00023	0.00294	0.103
473	1.94545	DEAD	0.00023	0.00238	0.21285
473	2.43182	DEAD	0.00023	0.00181	0.26743
473	2.91818	DEAD	0.00023	0.00124	0.26674
473	3.40455	DEAD	0.00023	0.00068	0.21077
473	3.89091	DEAD	0.00023	0.00011	0.09953
473	4.37727	DEAD	0.00023	-0.00046	-0.06699
473	4.86364	DEAD	0.00023	-0.00102	-0.28877
473	5.35	DEAD	0.00023	-0.00159	-0.56583
473	0.	LIVE	4.864E-05	0.00181	-0.17901
473	0.48636	LIVE	4.864E-05	0.00156	-0.09053

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
473	0.97273	LIVE	4.864E-05	0.0013	-0.0198
473	1.45909	LIVE	4.864E-05	0.00105	0.0332
473	1.94545	LIVE	4.864E-05	0.00079	0.06846
473	2.43182	LIVE	4.864E-05	0.00054	0.08597
473	2.91818	LIVE	4.864E-05	0.00029	0.08575
473	3.40455	LIVE	4.864E-05	3.303E-05	0.06778
473	3.89091	LIVE	4.864E-05	-0.00022	0.03207
473	4.37727	LIVE	4.864E-05	-0.00047	-0.02138
473	4.86364	LIVE	4.864E-05	-0.00073	-0.09257
473	5.35	LIVE	4.864E-05	-0.00098	-0.1815
473	0.	WB	9.152E-06	0.07343	-0.14248
473	0.48636	WB	9.152E-06	0.03824	-0.07163
473	0.97273	WB	9.152E-06	0.00993	-0.01498
473	1.45909	WB	9.152E-06	-0.01148	0.02748
473	1.94545	WB	9.152E-06	-0.02601	0.05575
473	2.43182	WB	9.152E-06	-0.03365	0.06982
473	2.91818	WB	9.152E-06	-0.0344	0.06971
473	3.40455	WB	9.152E-06	-0.02826	0.0554
473	3.89091	WB	9.152E-06	-0.01524	0.02689
473	4.37727	WB	9.152E-06	0.00467	-0.0158
473	4.86364	WB	9.152E-06	0.03147	-0.07269
473	5.35	WB	9.152E-06	0.06515	-0.14378
473	0.	WS	-5.242E-05	0.07444	0.00194
473	0.48636	WS	-5.242E-05	0.03898	0.00188
473	0.97273	WS	-5.242E-05	0.01042	0.00182
473	1.45909	WS	-5.242E-05	-0.01127	0.00176
473	1.94545	WS	-5.242E-05	-0.02606	0.0017
473	2.43182	WS	-5.242E-05	-0.03396	0.00163
473	2.91818	WS	-5.242E-05	-0.03498	0.00157
473	3.40455	WS	-5.242E-05	-0.02911	0.00151
473	3.89091	WS	-5.242E-05	-0.01636	0.00145
473	4.37727	WS	-5.242E-05	0.00329	0.00139
473	4.86364	WS	-5.242E-05	0.02982	0.00133
473	5.35	WS	-5.242E-05	0.06324	0.00126
474	0.	DEAD	-0.03938	0.14934	-0.0736
474	0.48182	DEAD	-0.03938	0.12931	0.1618
474	0.96364	DEAD	-0.03938	0.10928	0.33787
474	1.44545	DEAD	-0.03938	0.08925	0.45459
474	1.92727	DEAD	-0.03938	0.06922	0.51198
474	2.40909	DEAD	-0.03938	0.04919	0.51002
474	2.89091	DEAD	-0.03938	0.02916	0.44872
474	3.37273	DEAD	-0.03938	0.00913	0.32809
474	3.85455	DEAD	-0.03938	-0.0109	0.14811
474	4.33636	DEAD	-0.03938	-0.03093	-0.0912
474	4.81818	DEAD	-0.03938	-0.05096	-0.38986
474	5.3	DEAD	-0.03938	-0.07099	-0.74785
474	0.	LIVE	-0.01195	0.04451	-0.01626
474	0.48182	LIVE	-0.01195	0.0386	0.05216
474	0.96364	LIVE	-0.01195	0.03269	0.10316
474	1.44545	LIVE	-0.01195	0.02678	0.13675
474	1.92727	LIVE	-0.01195	0.02087	0.15294
474	2.40909	LIVE	-0.01195	0.01495	0.15171
474	2.89091	LIVE	-0.01195	0.00904	0.13307
474	3.37273	LIVE	-0.01195	0.00313	0.09702

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
474	3.85455	LIVE	-0.01195	-0.00278	0.04355
474	4.33636	LIVE	-0.01195	-0.00869	-0.02732
474	4.81818	LIVE	-0.01195	-0.0146	-0.11561
474	5.3	LIVE	-0.01195	-0.02051	-0.2213
474	0.	WB	-0.0064	0.16674	0.00063
474	0.48182	WB	-0.0064	0.10791	0.00051
474	0.96364	WB	-0.0064	0.05752	0.0004
474	1.44545	WB	-0.0064	0.01558	0.00029
474	1.92727	WB	-0.0064	-0.0179	0.00017
474	2.40909	WB	-0.0064	-0.04294	5.565E-05
474	2.89091	WB	-0.0064	-0.05953	-5.916E-05
474	3.37273	WB	-0.0064	-0.06767	-0.00017
474	3.85455	WB	-0.0064	-0.06736	-0.00029
474	4.33636	WB	-0.0064	-0.0586	-0.0004
474	4.81818	WB	-0.0064	-0.04139	-0.00052
474	5.3	WB	-0.0064	-0.01573	-0.00063
474	0.	WS	-0.00184	0.37066	-0.0345
474	0.48182	WS	-0.00184	0.22895	-0.03007
474	0.96364	WS	-0.00184	0.10962	-0.02564
474	1.44545	WS	-0.00184	0.01267	-0.02122
474	1.92727	WS	-0.00184	-0.0619	-0.01679
474	2.40909	WS	-0.00184	-0.11409	-0.01236
474	2.89091	WS	-0.00184	-0.14391	-0.00793
474	3.37273	WS	-0.00184	-0.15135	-0.0035
474	3.85455	WS	-0.00184	-0.1364	0.00093
474	4.33636	WS	-0.00184	-0.09908	0.00536
474	4.81818	WS	-0.00184	-0.03939	0.00978
474	5.3	WS	-0.00184	0.04269	0.01421
475	0.	DEAD	0.02779	0.02242	-0.76304
475	0.48636	DEAD	0.02779	0.01543	-0.43957
475	0.97273	DEAD	0.02779	0.00845	-0.17657
475	1.45909	DEAD	0.02779	0.00146	0.02596
475	1.94545	DEAD	0.02779	-0.00553	0.16803
475	2.43182	DEAD	0.02779	-0.01252	0.24964
475	2.91818	DEAD	0.02779	-0.0195	0.27078
475	3.40455	DEAD	0.02779	-0.02649	0.23145
475	3.89091	DEAD	0.02779	-0.03348	0.13166
475	4.37727	DEAD	0.02779	-0.04047	-0.02859
475	4.86364	DEAD	0.02779	-0.04745	-0.24931
475	5.35	DEAD	0.02779	-0.05444	-0.5305
475	0.	LIVE	0.00857	0.0056	-0.22543
475	0.48636	LIVE	0.00857	0.00371	-0.13028
475	0.97273	LIVE	0.00857	0.00182	-0.05287
475	1.45909	LIVE	0.00857	-6.375E-05	0.0068
475	1.94545	LIVE	0.00857	-0.00195	0.04873
475	2.43182	LIVE	0.00857	-0.00384	0.07292
475	2.91818	LIVE	0.00857	-0.00572	0.07936
475	3.40455	LIVE	0.00857	-0.00761	0.06807
475	3.89091	LIVE	0.00857	-0.0095	0.03903
475	4.37727	LIVE	0.00857	-0.01138	-0.00775
475	4.86364	LIVE	0.00857	-0.01327	-0.07227
475	5.35	LIVE	0.00857	-0.01516	-0.15453
475	0.	WB	0.00072	0.10899	-0.01877
475	0.48636	WB	0.00072	0.06021	-0.01646

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
475	0.97273	WB	0.00072	0.02003	-0.01415
475	1.45909	WB	0.00072	-0.01153	-0.01183
475	1.94545	WB	0.00072	-0.03449	-0.00952
475	2.43182	WB	0.00072	-0.04883	-0.00721
475	2.91818	WB	0.00072	-0.05457	-0.0049
475	3.40455	WB	0.00072	-0.0517	-0.00259
475	3.89091	WB	0.00072	-0.04021	-0.00027
475	4.37727	WB	0.00072	-0.02012	0.00204
475	4.86364	WB	0.00072	0.00858	0.00435
475	5.35	WB	0.00072	0.04589	0.00666
475	0.	WS	0.00129	0.25732	-0.02254
475	0.48636	WS	0.00129	0.1358	-0.01912
475	0.97273	WS	0.00129	0.03708	-0.01569
475	1.45909	WS	0.00129	-0.03883	-0.01227
475	1.94545	WS	0.00129	-0.09194	-0.00885
475	2.43182	WS	0.00129	-0.12225	-0.00542
475	2.91818	WS	0.00129	-0.12976	-0.002
475	3.40455	WS	0.00129	-0.11446	0.00143
475	3.89091	WS	0.00129	-0.07636	0.00485
475	4.37727	WS	0.00129	-0.01546	0.00827
475	4.86364	WS	0.00129	0.06825	0.0117
475	5.35	WS	0.00129	0.17475	0.01512
478	0.	DEAD	0.01659	0.03709	-0.62763
478	0.48636	DEAD	0.01659	0.03226	-0.32759
478	0.97273	DEAD	0.01659	0.02743	-0.08802
478	1.45909	DEAD	0.01659	0.02259	0.09109
478	1.94545	DEAD	0.01659	0.01776	0.20973
478	2.43182	DEAD	0.01659	0.01293	0.26791
478	2.91818	DEAD	0.01659	0.0081	0.26562
478	3.40455	DEAD	0.01659	0.00327	0.20287
478	3.89091	DEAD	0.01659	-0.00157	0.07965
478	4.37727	DEAD	0.01659	-0.0064	-0.10403
478	4.86364	DEAD	0.01659	-0.01123	-0.34818
478	5.35	DEAD	0.01659	-0.01606	-0.65279
478	0.	LIVE	0.00503	0.01253	-0.18425
478	0.48636	LIVE	0.00503	0.01079	-0.09614
478	0.97273	LIVE	0.00503	0.00906	-0.02577
478	1.45909	LIVE	0.00503	0.00732	0.02686
478	1.94545	LIVE	0.00503	0.00558	0.06175
478	2.43182	LIVE	0.00503	0.00384	0.07889
478	2.91818	LIVE	0.00503	0.0021	0.0783
478	3.40455	LIVE	0.00503	0.00036	0.05996
478	3.89091	LIVE	0.00503	-0.00138	0.02388
478	4.37727	LIVE	0.00503	-0.00312	-0.02993
478	4.86364	LIVE	0.00503	-0.00486	-0.10149
478	5.35	LIVE	0.00503	-0.0066	-0.1908
478	0.	WB	0.00118	0.10977	-0.14168
478	0.48636	WB	0.00118	0.06138	-0.07086
478	0.97273	WB	0.00118	0.0216	-0.01424
478	1.45909	WB	0.00118	-0.00957	0.02819
478	1.94545	WB	0.00118	-0.03214	0.05643
478	2.43182	WB	0.00118	-0.04609	0.07047
478	2.91818	WB	0.00118	-0.05143	0.07033
478	3.40455	WB	0.00118	-0.04817	0.05598

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
478	3.89091	WB	0.00118	-0.03629	0.02745
478	4.37727	WB	0.00118	-0.0158	-0.01528
478	4.86364	WB	0.00118	0.01329	-0.0722
478	5.35	WB	0.00118	0.051	-0.14331
478	0.	WS	0.00157	0.11111	0.00955
478	0.48636	WS	0.00157	0.06098	0.00966
478	0.97273	WS	0.00157	0.01946	0.00978
478	1.45909	WS	0.00157	-0.01346	0.00989
478	1.94545	WS	0.00157	-0.03776	0.01
478	2.43182	WS	0.00157	-0.05346	0.01012
478	2.91818	WS	0.00157	-0.06055	0.01023
478	3.40455	WS	0.00157	-0.05902	0.01035
478	3.89091	WS	0.00157	-0.04889	0.01046
478	4.37727	WS	0.00157	-0.03015	0.01057
478	4.86364	WS	0.00157	-0.00279	0.01069
478	5.35	WS	0.00157	0.03317	0.0108
480	0.	DEAD	0.02761	0.0557	-0.6811
480	0.48636	DEAD	0.02761	0.04505	-0.36932
480	0.97273	DEAD	0.02761	0.03439	-0.11801
480	1.45909	DEAD	0.02761	0.02374	0.07284
480	1.94545	DEAD	0.02761	0.01308	0.20323
480	2.43182	DEAD	0.02761	0.00242	0.27315
480	2.91818	DEAD	0.02761	-0.00823	0.28261
480	3.40455	DEAD	0.02761	-0.01889	0.2316
480	3.89091	DEAD	0.02761	-0.02954	0.12012
480	4.37727	DEAD	0.02761	-0.0402	-0.05181
480	4.86364	DEAD	0.02761	-0.05085	-0.28422
480	5.35	DEAD	0.02761	-0.06151	-0.57708
480	0.	LIVE	0.00864	0.01687	-0.20087
480	0.48636	LIVE	0.00864	0.01364	-0.10914
480	0.97273	LIVE	0.00864	0.01041	-0.03516
480	1.45909	LIVE	0.00864	0.00719	0.02109
480	1.94545	LIVE	0.00864	0.00396	0.05959
480	2.43182	LIVE	0.00864	0.00073	0.08035
480	2.91818	LIVE	0.00864	-0.0025	0.08337
480	3.40455	LIVE	0.00864	-0.00572	0.06865
480	3.89091	LIVE	0.00864	-0.00895	0.03619
480	4.37727	LIVE	0.00864	-0.01218	-0.01401
480	4.86364	LIVE	0.00864	-0.01541	-0.08196
480	5.35	LIVE	0.00864	-0.01863	-0.16764
480	0.	WB	0.00152	0.10473	-0.00749
480	0.48636	WB	0.00152	0.0569	-0.00626
480	0.97273	WB	0.00152	0.01769	-0.00502
480	1.45909	WB	0.00152	-0.01292	-0.00379
480	1.94545	WB	0.00152	-0.03492	-0.00256
480	2.43182	WB	0.00152	-0.0483	-0.00133
480	2.91818	WB	0.00152	-0.05308	-9.444E-05
480	3.40455	WB	0.00152	-0.04925	0.00114
480	3.89091	WB	0.00152	-0.03681	0.00237
480	4.37727	WB	0.00152	-0.01576	0.0036
480	4.86364	WB	0.00152	0.0139	0.00484
480	5.35	WB	0.00152	0.05217	0.00607
480	0.	WS	0.00234	0.1067	-0.00767
480	0.48636	WS	0.00234	0.05731	-0.00579

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
480	0.97273	WS	0.00234	0.01652	-0.00391
480	1.45909	WS	0.00234	-0.01566	-0.00204
480	1.94545	WS	0.00234	-0.03924	-0.00016
480	2.43182	WS	0.00234	-0.0542	0.00172
480	2.91818	WS	0.00234	-0.06055	0.0036
480	3.40455	WS	0.00234	-0.05829	0.00548
480	3.89091	WS	0.00234	-0.04742	0.00736
480	4.37727	WS	0.00234	-0.02795	0.00924
480	4.86364	WS	0.00234	0.00014	0.01112
480	5.35	WS	0.00234	0.03684	0.013
483	0.	DEAD	0.00407	0.00563	-0.57714
483	0.48636	DEAD	0.00407	0.00428	-0.29806
483	0.97273	DEAD	0.00407	0.00293	-0.07425
483	1.45909	DEAD	0.00407	0.00157	0.09428
483	1.94545	DEAD	0.00407	0.00022	0.20754
483	2.43182	DEAD	0.00407	-0.00113	0.26553
483	2.91818	DEAD	0.00407	-0.00248	0.26824
483	3.40455	DEAD	0.00407	-0.00383	0.21568
483	3.89091	DEAD	0.00407	-0.00518	0.10785
483	4.37727	DEAD	0.00407	-0.00654	-0.05526
483	4.86364	DEAD	0.00407	-0.00789	-0.27364
483	5.35	DEAD	0.00407	-0.00924	-0.54729
483	0.	LIVE	0.00126	0.00163	-0.18492
483	0.48636	LIVE	0.00126	0.00124	-0.09538
483	0.97273	LIVE	0.00126	0.00084	-0.02358
483	1.45909	LIVE	0.00126	0.00044	0.03049
483	1.94545	LIVE	0.00126	4.287E-05	0.06681
483	2.43182	LIVE	0.00126	-0.00035	0.08539
483	2.91818	LIVE	0.00126	-0.00075	0.08622
483	3.40455	LIVE	0.00126	-0.00115	0.06932
483	3.89091	LIVE	0.00126	-0.00155	0.03468
483	4.37727	LIVE	0.00126	-0.00195	-0.01771
483	4.86364	LIVE	0.00126	-0.00234	-0.08783
483	5.35	LIVE	0.00126	-0.00274	-0.1757
483	0.	WB	0.0002	0.07256	-0.00296
483	0.48636	WB	0.0002	0.03753	-0.00264
483	0.97273	WB	0.0002	0.00939	-0.00231
483	1.45909	WB	0.0002	-0.01186	-0.00198
483	1.94545	WB	0.0002	-0.02623	-0.00166
483	2.43182	WB	0.0002	-0.03371	-0.00133
483	2.91818	WB	0.0002	-0.0343	-0.00101
483	3.40455	WB	0.0002	-0.028	-0.00068
483	3.89091	WB	0.0002	-0.01482	-0.00035
483	4.37727	WB	0.0002	0.00525	-2.869E-05
483	4.86364	WB	0.0002	0.03221	0.0003
483	5.35	WB	0.0002	0.06606	0.00062
483	0.	WS	0.00031	0.21703	-0.00395
483	0.48636	WS	0.00031	0.11084	-0.00345
483	0.97273	WS	0.00031	0.02572	-0.00295
483	1.45909	WS	0.00031	-0.03831	-0.00246
483	1.94545	WS	0.00031	-0.08126	-0.00196
483	2.43182	WS	0.00031	-0.10313	-0.00146
483	2.91818	WS	0.00031	-0.10393	-0.00097
483	3.40455	WS	0.00031	-0.08364	-0.00047

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
483	3.89091	WS	0.00031	-0.04227	2.599E-05
483	4.37727	WS	0.00031	0.02018	0.00052
483	4.86364	WS	0.00031	0.10371	0.00102
483	5.35	WS	0.00031	0.20833	0.00152
484	0.	DEAD	0.00375	0.00584	-0.56371
484	0.48636	DEAD	0.00375	0.00509	-0.28691
484	0.97273	DEAD	0.00375	0.00434	-0.06537
484	1.45909	DEAD	0.00375	0.00359	0.10089
484	1.94545	DEAD	0.00375	0.00284	0.21188
484	2.43182	DEAD	0.00375	0.0021	0.26759
484	2.91818	DEAD	0.00375	0.00135	0.26803
484	3.40455	DEAD	0.00375	0.0006	0.2132
484	3.89091	DEAD	0.00375	-0.00015	0.10309
484	4.37727	DEAD	0.00375	-0.0009	-0.06229
484	4.86364	DEAD	0.00375	-0.00165	-0.28294
484	5.35	DEAD	0.00375	-0.0024	-0.55887
484	0.	LIVE	0.00116	0.0018	-0.18083
484	0.48636	LIVE	0.00116	0.00157	-0.09198
484	0.97273	LIVE	0.00116	0.00134	-0.02086
484	1.45909	LIVE	0.00116	0.0011	0.03252
484	1.94545	LIVE	0.00116	0.00087	0.06815
484	2.43182	LIVE	0.00116	0.00064	0.08604
484	2.91818	LIVE	0.00116	0.0004	0.0862
484	3.40455	LIVE	0.00116	0.00017	0.06861
484	3.89091	LIVE	0.00116	-6.428E-05	0.03328
484	4.37727	LIVE	0.00116	-0.0003	-0.01979
484	4.86364	LIVE	0.00116	-0.00053	-0.09061
484	5.35	LIVE	0.00116	-0.00076	-0.17916
484	0.	WB	0.00022	0.07252	-0.14295
484	0.48636	WB	0.00022	0.03755	-0.07192
484	0.97273	WB	0.00022	0.00947	-0.01507
484	1.45909	WB	0.00022	-0.01172	0.02758
484	1.94545	WB	0.00022	-0.02603	0.05604
484	2.43182	WB	0.00022	-0.03345	0.0703
484	2.91818	WB	0.00022	-0.03398	0.07037
484	3.40455	WB	0.00022	-0.02763	0.05625
484	3.89091	WB	0.00022	-0.01438	0.02794
484	4.37727	WB	0.00022	0.00575	-0.01457
484	4.86364	WB	0.00022	0.03276	-0.07127
484	5.35	WB	0.00022	0.06667	-0.14216
484	0.	WS	0.00033	0.0733	0.00129
484	0.48636	WS	0.00033	0.03815	0.00145
484	0.97273	WS	0.00033	0.00987	0.00161
484	1.45909	WS	0.00033	-0.01151	0.00178
484	1.94545	WS	0.00033	-0.02601	0.00194
484	2.43182	WS	0.00033	-0.03361	0.0021
484	2.91818	WS	0.00033	-0.03433	0.00227
484	3.40455	WS	0.00033	-0.02817	0.00243
484	3.89091	WS	0.00033	-0.01511	0.00259
484	4.37727	WS	0.00033	0.00483	0.00276
484	4.86364	WS	0.00033	0.03166	0.00292
484	5.35	WS	0.00033	0.06538	0.00308
493	0.	DEAD	-0.04675	0.07166	3.783
493	0.45	DEAD	-0.04675	0.03696	0.52561

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
493	0.9	DEAD	-0.04675	0.00226	-2.74408
493	1.35	DEAD	-0.04675	-0.03244	-6.02608
493	1.35	DEAD	-0.00055	-0.00912	-1.67241
493	1.82791	DEAD	-0.00055	-0.00846	-1.48074
493	2.30583	DEAD	-0.00055	-0.00779	-1.30295
493	2.78374	DEAD	-0.00055	-0.00712	-1.13905
493	3.26165	DEAD	-0.00055	-0.00646	-0.98902
493	3.73957	DEAD	-0.00055	-0.00579	-0.85288
493	4.21748	DEAD	-0.00055	-0.00513	-0.73063
493	4.69539	DEAD	-0.00055	-0.00446	-0.62225
493	5.1733	DEAD	-0.00055	-0.0038	-0.52776
493	5.65122	DEAD	-0.00055	-0.00313	-0.44715
493	6.12913	DEAD	-0.00055	-0.00246	-0.38043
493	6.60704	DEAD	-0.00055	-0.0018	-0.32759
493	7.08496	DEAD	-0.00055	-0.00113	-0.28863
493	7.56287	DEAD	-0.00055	-0.00047	-0.26355
493	8.04078	DEAD	-0.00055	0.0002	-0.25236
493	8.5187	DEAD	-0.00055	0.00086	-0.25504
493	8.99661	DEAD	-0.00055	0.00153	-0.27162
493	8.99661	DEAD	0.03262	0.0044	-3.52909
493	9.42161	DEAD	0.03262	0.02611	-0.29311
493	9.84661	DEAD	0.03262	0.04782	2.93188
493	0.	LIVE	-0.01425	0.02097	1.15502
493	0.45	LIVE	-0.01425	0.01023	0.16894
493	0.9	LIVE	-0.01425	-0.00051	-0.81715
493	1.35	LIVE	-0.01425	-0.01125	-1.80324
493	1.35	LIVE	2.178E-06	-0.00268	-0.42399
493	1.82791	LIVE	2.178E-06	-0.00257	-0.39777
493	2.30583	LIVE	2.178E-06	-0.00246	-0.37154
493	2.78374	LIVE	2.178E-06	-0.00235	-0.34532
493	3.26165	LIVE	2.178E-06	-0.00224	-0.31909
493	3.73957	LIVE	2.178E-06	-0.00212	-0.29287
493	4.21748	LIVE	2.178E-06	-0.00201	-0.26664
493	4.69539	LIVE	2.178E-06	-0.0019	-0.24042
493	5.1733	LIVE	2.178E-06	-0.00179	-0.21419
493	5.65122	LIVE	2.178E-06	-0.00168	-0.18797
493	6.12913	LIVE	2.178E-06	-0.00157	-0.16174
493	6.60704	LIVE	2.178E-06	-0.00146	-0.13551
493	7.08496	LIVE	2.178E-06	-0.00135	-0.10929
493	7.56287	LIVE	2.178E-06	-0.00123	-0.08306
493	8.04078	LIVE	2.178E-06	-0.00112	-0.05684
493	8.5187	LIVE	2.178E-06	-0.00101	-0.03061
493	8.99661	LIVE	2.178E-06	-0.0009	-0.00439
493	8.99661	LIVE	0.00947	-0.00181	-1.05212
493	9.42161	LIVE	0.00947	0.00563	-0.07533
493	9.84661	LIVE	0.00947	0.01306	0.90146
493	0.	WB	0.00329	-0.00033	0.07266
493	0.45	WB	0.00329	-0.00089	-0.0669
493	0.9	WB	0.00329	-0.00145	-0.20646
493	1.35	WB	0.00329	-0.00201	-0.34601
493	1.35	WB	0.00127	0.04814	-1.20472
493	1.82791	WB	0.00127	0.0405	-1.06251
493	2.30583	WB	0.00127	0.03286	-0.92029
493	2.78374	WB	0.00127	0.02522	-0.77808

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
493	3.26165	WB	0.00127	0.01759	-0.63587
493	3.73957	WB	0.00127	0.00995	-0.49366
493	4.21748	WB	0.00127	0.00231	-0.35144
493	4.69539	WB	0.00127	-0.00532	-0.20923
493	5.1733	WB	0.00127	-0.01296	-0.06702
493	5.65122	WB	0.00127	-0.0206	0.0752
493	6.12913	WB	0.00127	-0.02823	0.21741
493	6.60704	WB	0.00127	-0.03587	0.35962
493	7.08496	WB	0.00127	-0.04351	0.50183
493	7.56287	WB	0.00127	-0.05115	0.64405
493	8.04078	WB	0.00127	-0.05878	0.78626
493	8.5187	WB	0.00127	-0.06642	0.92847
493	8.99661	WB	0.00127	-0.07406	1.07069
493	8.99661	WB	0.00823	0.11159	-0.49624
493	9.42161	WB	0.00823	0.06261	0.06307
493	9.84661	WB	0.00823	0.01363	0.62237
493	0.	WS	0.00834	0.00073	0.13422
493	0.45	WS	0.00834	-0.0055	0.06731
493	0.9	WS	0.00834	-0.01174	0.00039
493	1.35	WS	0.00834	-0.01797	-0.06653
493	1.35	WS	0.00109	0.07009	-1.97653
493	1.82791	WS	0.00109	0.05984	-1.73083
493	2.30583	WS	0.00109	0.0496	-1.48513
493	2.78374	WS	0.00109	0.03935	-1.23942
493	3.26165	WS	0.00109	0.02911	-0.99372
493	3.73957	WS	0.00109	0.01886	-0.74802
493	4.21748	WS	0.00109	0.00862	-0.50232
493	4.69539	WS	0.00109	-0.00162	-0.25661
493	5.1733	WS	0.00109	-0.01187	-0.01091
493	5.65122	WS	0.00109	-0.02211	0.23479
493	6.12913	WS	0.00109	-0.03236	0.48049
493	6.60704	WS	0.00109	-0.0426	0.7262
493	7.08496	WS	0.00109	-0.05285	0.9719
493	7.56287	WS	0.00109	-0.06309	1.2176
493	8.04078	WS	0.00109	-0.07334	1.4633
493	8.5187	WS	0.00109	-0.08358	1.70901
493	8.99661	WS	0.00109	-0.09383	1.95471
493	8.99661	WS	0.00185	0.13253	-0.02814
493	9.42161	WS	0.00185	0.06506	-0.10722
493	9.84661	WS	0.00185	-0.00241	-0.18631
495	0.	DEAD	0.60583	-0.14212	2.5908
495	0.45	DEAD	0.60583	-0.10986	0.33554
495	0.9	DEAD	0.60583	-0.0776	-1.93202
495	1.35	DEAD	0.60583	-0.04534	-4.21189
495	1.35	DEAD	-0.00035	-0.01156	-1.13631
495	1.8288	DEAD	-0.00035	-0.01104	-0.98355
495	2.30759	DEAD	-0.00035	-0.01052	-0.84472
495	2.78639	DEAD	-0.00035	-0.01	-0.71983
495	3.26518	DEAD	-0.00035	-0.00949	-0.60887
495	3.74398	DEAD	-0.00035	-0.00897	-0.51184
495	4.22277	DEAD	-0.00035	-0.00845	-0.42875
495	4.70157	DEAD	-0.00035	-0.00793	-0.35959
495	5.18036	DEAD	-0.00035	-0.00741	-0.30437
495	5.65916	DEAD	-0.00035	-0.0069	-0.26308

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
495	6.13795	DEAD	-0.00035	-0.00638	-0.23573
495	6.61675	DEAD	-0.00035	-0.00586	-0.22231
495	7.09554	DEAD	-0.00035	-0.00534	-0.22282
495	7.57434	DEAD	-0.00035	-0.00482	-0.23727
495	8.05314	DEAD	-0.00035	-0.00431	-0.26566
495	8.53193	DEAD	-0.00035	-0.00379	-0.30797
495	9.01073	DEAD	-0.00035	-0.00327	-0.36422
495	9.01073	DEAD	-0.55719	-0.00162	-2.47538
495	9.43573	DEAD	-0.55719	-0.07728	-0.15653
495	9.86073	DEAD	-0.55719	-0.15294	2.15135
495	0.	LIVE	0.19029	-0.04529	0.78005
495	0.45	LIVE	0.19029	-0.03512	0.11665
495	0.9	LIVE	0.19029	-0.02496	-0.54675
495	1.35	LIVE	0.19029	-0.01479	-1.21015
495	1.35	LIVE	2.152E-05	-0.00357	-0.25203
495	1.8288	LIVE	2.152E-05	-0.00346	-0.23823
495	2.30759	LIVE	2.152E-05	-0.00336	-0.22442
495	2.78639	LIVE	2.152E-05	-0.00325	-0.21062
495	3.26518	LIVE	2.152E-05	-0.00315	-0.19681
495	3.74398	LIVE	2.152E-05	-0.00304	-0.18301
495	4.22277	LIVE	2.152E-05	-0.00293	-0.1692
495	4.70157	LIVE	2.152E-05	-0.00283	-0.1554
495	5.18036	LIVE	2.152E-05	-0.00272	-0.14159
495	5.65916	LIVE	2.152E-05	-0.00262	-0.12779
495	6.13795	LIVE	2.152E-05	-0.00251	-0.11399
495	6.61675	LIVE	2.152E-05	-0.0024	-0.10018
495	7.09554	LIVE	2.152E-05	-0.0023	-0.08638
495	7.57434	LIVE	2.152E-05	-0.00219	-0.07257
495	8.05314	LIVE	2.152E-05	-0.00209	-0.05877
495	8.53193	LIVE	2.152E-05	-0.00198	-0.04496
495	9.01073	LIVE	2.152E-05	-0.00187	-0.03116
495	9.01073	LIVE	-0.17752	-0.00274	-0.70931
495	9.43573	LIVE	-0.17752	-0.02683	-0.03959
495	9.86073	LIVE	-0.17752	-0.05092	0.63013
495	0.	WB	0.01031	0.02084	-0.01827
495	0.45	WB	0.01031	-0.01508	-0.06697
495	0.9	WB	0.01031	-0.05099	-0.11567
495	1.35	WB	0.01031	-0.08691	-0.16437
495	1.35	WB	-0.00624	0.0913	-0.64819
495	1.8288	WB	-0.00624	0.07931	-0.57239
495	2.30759	WB	-0.00624	0.06733	-0.49659
495	2.78639	WB	-0.00624	0.05534	-0.4208
495	3.26518	WB	-0.00624	0.04335	-0.345
495	3.74398	WB	-0.00624	0.03136	-0.2692
495	4.22277	WB	-0.00624	0.01937	-0.1934
495	4.70157	WB	-0.00624	0.00739	-0.11761
495	5.18036	WB	-0.00624	-0.0046	-0.04181
495	5.65916	WB	-0.00624	-0.01659	0.03399
495	6.13795	WB	-0.00624	-0.02858	0.10978
495	6.61675	WB	-0.00624	-0.04057	0.18558
495	7.09554	WB	-0.00624	-0.05255	0.26138
495	7.57434	WB	-0.00624	-0.06454	0.33718
495	8.05314	WB	-0.00624	-0.07653	0.41297
495	8.53193	WB	-0.00624	-0.08852	0.48877

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
495	9.01073	WB	-0.00624	-0.10051	0.56457
495	9.01073	WB	-0.13667	0.04068	-0.39883
495	9.43573	WB	-0.13667	-0.01842	0.05733
495	9.86073	WB	-0.13667	-0.07753	0.51348
495	0.	WS	-0.00444	0.07685	-0.03536
495	0.45	WS	-0.00444	0.01446	-0.00596
495	0.9	WS	-0.00444	-0.04793	0.02343
495	1.35	WS	-0.00444	-0.11032	0.05283
495	1.35	WS	-0.0039	0.13402	-1.04096
495	1.8288	WS	-0.0039	0.11704	-0.91091
495	2.30759	WS	-0.0039	0.10007	-0.78087
495	2.78639	WS	-0.0039	0.0831	-0.65082
495	3.26518	WS	-0.0039	0.06613	-0.52078
495	3.74398	WS	-0.0039	0.04916	-0.39073
495	4.22277	WS	-0.0039	0.03219	-0.26068
495	4.70157	WS	-0.0039	0.01522	-0.13064
495	5.18036	WS	-0.0039	-0.00175	-0.00059
495	5.65916	WS	-0.0039	-0.01872	0.12945
495	6.13795	WS	-0.0039	-0.0357	0.2595
495	6.61675	WS	-0.0039	-0.05267	0.38954
495	7.09554	WS	-0.0039	-0.06964	0.51959
495	7.57434	WS	-0.0039	-0.08661	0.64963
495	8.05314	WS	-0.0039	-0.10358	0.77968
495	8.53193	WS	-0.0039	-0.12055	0.90973
495	9.01073	WS	-0.0039	-0.13752	1.03977
495	9.01073	WS	-0.00237	0.08816	-0.05346
495	9.43573	WS	-0.00237	0.01511	-0.03497
495	9.86073	WS	-0.00237	-0.05795	-0.01649
496	0.	DEAD	0.01109	0.0124	-0.23193
496	0.44375	DEAD	0.01109	0.00935	-0.07568
496	0.8875	DEAD	0.01109	0.00629	0.03456
496	1.33125	DEAD	0.01109	0.00323	0.09878
496	1.775	DEAD	0.01109	0.00017	0.11699
496	2.21875	DEAD	0.01109	-0.00289	0.08919
496	2.6625	DEAD	0.01109	-0.00595	0.01538
496	3.10625	DEAD	0.01109	-0.00901	-0.10444
496	3.55	DEAD	0.01109	-0.01207	-0.27028
496	0.	LIVE	0.00339	0.00383	-0.07445
496	0.44375	LIVE	0.00339	0.00287	-0.02431
496	0.8875	LIVE	0.00339	0.00192	0.01105
496	1.33125	LIVE	0.00339	0.00097	0.03165
496	1.775	LIVE	0.00339	1.278E-05	0.03748
496	2.21875	LIVE	0.00339	-0.00094	0.02854
496	2.6625	LIVE	0.00339	-0.00189	0.00484
496	3.10625	LIVE	0.00339	-0.00285	-0.03364
496	3.55	LIVE	0.00339	-0.0038	-0.08688
496	0.	WB	-0.00279	-0.03831	-0.04325
496	0.44375	WB	-0.00279	-0.01637	-0.0071
496	0.8875	WB	-0.00279	-0.00016	0.01724
496	1.33125	WB	-0.00279	0.01032	0.02977
496	1.775	WB	-0.00279	0.01506	0.03048
496	2.21875	WB	-0.00279	0.01407	0.01938
496	2.6625	WB	-0.00279	0.00734	-0.00354
496	3.10625	WB	-0.00279	-0.00512	-0.03827

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
496	3.55	WB	-0.00279	-0.02331	-0.08482
496	0.	WS	-0.00585	-0.0494	0.01862
496	0.44375	WS	-0.00585	-0.02472	0.01407
496	0.8875	WS	-0.00585	-0.00578	0.00952
496	1.33125	WS	-0.00585	0.00743	0.00497
496	1.775	WS	-0.00585	0.0149	0.00043
496	2.21875	WS	-0.00585	0.01664	-0.00412
496	2.6625	WS	-0.00585	0.01265	-0.00867
496	3.10625	WS	-0.00585	0.00292	-0.01322
496	3.55	WS	-0.00585	-0.01254	-0.01777
509	0.	DEAD	0.00978	0.26658	0.31277
509	1.7	DEAD	0.00978	-0.01866	-0.02797
509	2.5	DEAD	0.00978	-0.1529	-0.18832
509	2.5	DEAD	0.0067	-0.09449	-0.15922
509	3.4	DEAD	0.0067	-0.79164	-0.13129
509	0.	LIVE	0.00433	0.07453	0.09704
509	1.7	LIVE	0.00433	-0.00421	-0.01127
509	2.5	LIVE	0.00433	-0.04126	-0.06224
509	2.5	LIVE	0.00311	-0.02965	-0.04729
509	3.4	LIVE	0.00311	-0.21601	-0.07517
509	0.	WB	0.0464	0.04625	1.24197
509	1.7	WB	0.0464	-0.03633	0.05394
509	2.5	WB	0.0464	-0.07519	-0.45055
509	2.5	WB	0.0085	-0.08184	-0.25639
509	3.4	WB	0.0085	-0.15361	-0.5745
509	0.	WS	0.05313	-0.01178	1.90434
509	1.7	WS	0.05313	-0.03999	0.11526
509	2.5	WS	0.05313	-0.05327	-0.67207
509	2.5	WS	0.00334	-0.0702	-0.36592
509	3.4	WS	0.00334	0.02331	-0.88752
510	0.	DEAD	-0.01862	0.33727	0.22634
510	1.7	DEAD	-0.01862	-0.00228	0.09319
510	2.5	DEAD	-0.01862	-0.16207	0.03053
510	2.5	DEAD	0.00117	-0.08645	0.1064
510	3.4	DEAD	0.00117	-1.01864	0.01582
510	0.	LIVE	-0.00726	0.09754	0.06179
510	1.7	LIVE	-0.00726	-0.00058	0.02793
510	2.5	LIVE	-0.00726	-0.04676	0.01199
510	2.5	LIVE	-0.00139	-0.03037	0.02775
510	3.4	LIVE	-0.00139	-0.29486	0.02493
510	0.	WB	0.03733	0.00435	1.23615
510	1.7	WB	0.03733	0.02131	0.06198
510	2.5	WB	0.03733	0.02929	-0.43597
510	2.5	WB	-0.00243	0.03857	-0.2289
510	3.4	WB	-0.00243	-0.0014	-0.54449
510	0.	WS	0.05778	0.00889	1.91335
510	1.7	WS	0.05778	0.02896	0.11286
510	2.5	WS	0.05778	0.03841	-0.67983
510	2.5	WS	0.00999	0.05144	-0.35163
510	3.4	WS	0.00999	-0.02517	-0.91984
511	0.	DEAD	0.0099	0.27795	0.29238
511	1.7	DEAD	0.0099	-0.17271	0.02164
511	2.5	DEAD	0.0099	-0.38479	-0.10577
511	2.5	DEAD	0.00833	-0.39886	0.00803

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
511	3.4	DEAD	0.00833	-0.62361	-0.33606
511	0.	LIVE	0.00202	0.08172	0.08517
511	1.7	LIVE	0.00202	-0.04428	0.00532
511	2.5	LIVE	0.00202	-0.10358	-0.03226
511	2.5	LIVE	0.00086	-0.10716	-0.00079
511	3.4	LIVE	0.00086	-0.16986	-0.09144
511	0.	WB	0.00633	0.01264	1.29523
511	1.7	WB	0.00633	-0.00567	0.01517
511	2.5	WB	0.00633	-0.01428	-0.53261
511	2.5	WB	0.02427	-0.01456	-0.10849
511	3.4	WB	0.02427	-0.02325	-0.9551
511	0.	WS	0.00888	-0.01686	2.00345
511	1.7	WS	0.00888	-0.00677	0.04177
511	2.5	WS	0.00888	-0.00202	-0.82679
511	2.5	WS	0.02874	-0.00268	-0.15385
511	3.4	WS	0.02874	0.00226	-1.54311
512	0.	DEAD	0.02217	-0.9812	0.03207
512	0.9	DEAD	0.02217	-0.07942	0.10759
512	0.9	DEAD	0.04585	-0.13943	0.03568
512	1.7	DEAD	0.04585	-0.00118	0.08901
512	3.4	DEAD	0.04585	0.29259	0.20234
512	0.	LIVE	0.00485	-0.29148	0.02597
512	0.9	LIVE	0.00485	-0.0312	0.02924
512	0.9	LIVE	0.01301	-0.04253	0.01416
512	1.7	LIVE	0.01301	-0.00209	0.02765
512	3.4	LIVE	0.01301	0.08384	0.05632
512	0.	WB	0.00614	-0.01244	-0.5718
512	0.9	WB	0.00614	0.03981	-0.24026
512	0.9	WB	-0.03366	0.02814	-0.4562
512	1.7	WB	-0.03366	0.02382	0.06343
512	3.4	WB	-0.03366	0.01465	1.28366
512	0.	WS	-0.00611	-0.03831	-0.94609
512	0.9	WS	-0.00611	0.05282	-0.36227
512	0.9	WS	-0.05345	0.03712	-0.69897
512	1.7	WS	-0.05345	0.03163	0.11377
512	3.4	WS	-0.05345	0.01996	1.95685
513	0.	DEAD	-0.02757	-0.76279	-0.12377
513	0.9	DEAD	-0.02757	-0.11411	-0.15017
513	0.9	DEAD	-0.03333	-0.15742	-0.17534
513	1.7	DEAD	-0.03333	-0.02466	-0.02768
513	3.4	DEAD	-0.03333	0.25745	0.2861
513	0.	LIVE	-0.00638	-0.22722	-0.05796
513	0.9	LIVE	-0.00638	-0.03937	-0.04231
513	0.9	LIVE	-0.00925	-0.04649	-0.05665
513	1.7	LIVE	-0.00925	-0.00858	-0.01011
513	3.4	LIVE	-0.00925	0.07197	0.08878
513	0.	WB	-0.01779	-0.1407	-0.60616
513	0.9	WB	-0.01779	-0.07986	-0.2651
513	0.9	WB	-0.04425	-0.06888	-0.46808
513	1.7	WB	-0.04425	-0.03799	0.05668
513	3.4	WB	-0.04425	0.02763	1.28782
513	0.	WS	-0.01013	0.03478	-0.91512
513	0.9	WS	-0.01013	-0.06412	-0.37387
513	0.9	WS	-0.04906	-0.04334	-0.68854

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
513	1.7	WS	-0.04906	-0.03997	0.11739
513	3.4	WS	-0.04906	-0.03282	1.94601
515	0.	DEAD	-0.00319	-0.71572	-0.30754
515	0.9	DEAD	-0.00319	-0.38136	0.01087
515	0.9	DEAD	-0.00452	-0.38306	-0.09373
515	1.7	DEAD	-0.00452	-0.08736	0.02108
515	3.4	DEAD	-0.00452	0.54101	0.26505
515	0.	LIVE	-0.00086	-0.20306	-0.08816
515	0.9	LIVE	-0.00086	-0.10961	0.00226
515	0.9	LIVE	-0.00137	-0.10992	-0.02769
515	1.7	LIVE	-0.00137	-0.02704	0.00619
515	3.4	LIVE	-0.00137	0.14906	0.07817
515	0.	WB	-0.02791	-0.04113	-1.00693
515	0.9	WB	-0.02791	-0.01936	-0.11527
515	0.9	WB	-0.01011	-0.02024	-0.5554
515	1.7	WB	-0.01011	-0.0015	0.01551
515	3.4	WB	-0.01011	0.03832	1.3447
515	0.	WS	-0.03262	-0.00738	-1.59289
515	0.9	WS	-0.03262	-0.00344	-0.16069
515	0.9	WS	-0.01316	-0.00375	-0.84795
515	1.7	WS	-0.01316	-0.0019	0.04181
515	3.4	WS	-0.01316	0.00203	2.04858
517	0.	DEAD	-0.01176	0.03987	2.95679
517	0.425	DEAD	-0.01176	0.01883	-0.22272
517	0.85	DEAD	-0.01176	-0.00221	-3.41321
517	0.85	DEAD	-0.00325	-0.0069	-0.3822
517	1.32791	DEAD	-0.00325	-0.00685	-0.34193
517	1.80583	DEAD	-0.00325	-0.0068	-0.31554
517	2.28374	DEAD	-0.00325	-0.00676	-0.30304
517	2.76165	DEAD	-0.00325	-0.00671	-0.30441
517	3.23957	DEAD	-0.00325	-0.00666	-0.31968
517	3.71748	DEAD	-0.00325	-0.00662	-0.34882
517	4.19539	DEAD	-0.00325	-0.00657	-0.39185
517	4.6733	DEAD	-0.00325	-0.00652	-0.44876
517	5.15122	DEAD	-0.00325	-0.00648	-0.51955
517	5.62913	DEAD	-0.00325	-0.00643	-0.60423
517	6.10704	DEAD	-0.00325	-0.00638	-0.70279
517	6.58496	DEAD	-0.00325	-0.00634	-0.81523
517	7.06287	DEAD	-0.00325	-0.00629	-0.94156
517	7.54078	DEAD	-0.00325	-0.00624	-1.08176
517	8.0187	DEAD	-0.00325	-0.0062	-1.23586
517	8.49661	DEAD	-0.00325	-0.00615	-1.40383
517	8.49661	DEAD	0.00475	-0.05852	-5.24466
517	8.94661	DEAD	0.00475	-0.01573	-1.79564
517	9.39661	DEAD	0.00475	0.02706	1.64108
517	9.84661	DEAD	0.00475	0.06985	5.06549
517	0.	LIVE	-0.00333	0.01428	0.91007
517	0.425	LIVE	-0.00333	0.00757	-0.0537
517	0.85	LIVE	-0.00333	0.00086	-1.01747
517	0.85	LIVE	-0.00092	-0.00153	-0.03789
517	1.32791	LIVE	-0.00092	-0.00153	-0.05686
517	1.80583	LIVE	-0.00092	-0.00153	-0.07583
517	2.28374	LIVE	-0.00092	-0.00153	-0.0948
517	2.76165	LIVE	-0.00092	-0.00153	-0.11377

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
517	3.23957	LIVE	-0.00092	-0.00153	-0.13274
517	3.71748	LIVE	-0.00092	-0.00153	-0.15171
517	4.19539	LIVE	-0.00092	-0.00153	-0.17068
517	4.6733	LIVE	-0.00092	-0.00153	-0.18966
517	5.15122	LIVE	-0.00092	-0.00153	-0.20863
517	5.62913	LIVE	-0.00092	-0.00153	-0.2276
517	6.10704	LIVE	-0.00092	-0.00152	-0.24657
517	6.58496	LIVE	-0.00092	-0.00152	-0.26554
517	7.06287	LIVE	-0.00092	-0.00152	-0.28451
517	7.54078	LIVE	-0.00092	-0.00152	-0.30348
517	8.0187	LIVE	-0.00092	-0.00152	-0.32245
517	8.49661	LIVE	-0.00092	-0.00152	-0.34142
517	8.49661	LIVE	0.00121	-0.01595	-1.56005
517	8.94661	LIVE	0.00121	-0.00279	-0.52704
517	9.39661	LIVE	0.00121	0.01036	0.50597
517	9.84661	LIVE	0.00121	0.02352	1.53898
517	0.	WB	-0.00328	0.00323	0.60096
517	0.425	WB	-0.00328	0.00647	0.04824
517	0.85	WB	-0.00328	0.00971	-0.50449
517	0.85	WB	0.00095	-0.02955	1.0789
517	1.32791	WB	0.00095	-0.02585	0.94003
517	1.80583	WB	0.00095	-0.02215	0.80117
517	2.28374	WB	0.00095	-0.01845	0.6623
517	2.76165	WB	0.00095	-0.01474	0.52344
517	3.23957	WB	0.00095	-0.01104	0.38457
517	3.71748	WB	0.00095	-0.00734	0.24571
517	4.19539	WB	0.00095	-0.00363	0.10684
517	4.6733	WB	0.00095	6.857E-05	-0.03202
517	5.15122	WB	0.00095	0.00377	-0.17089
517	5.62913	WB	0.00095	0.00747	-0.30975
517	6.10704	WB	0.00095	0.01118	-0.44862
517	6.58496	WB	0.00095	0.01488	-0.58748
517	7.06287	WB	0.00095	0.01858	-0.72635
517	7.54078	WB	0.00095	0.02229	-0.86521
517	8.0187	WB	0.00095	0.02599	-1.00408
517	8.49661	WB	0.00095	0.02969	-1.14294
517	8.49661	WB	-0.00313	-0.03379	-0.37823
517	8.94661	WB	-0.00313	-0.02439	-0.21849
517	9.39661	WB	-0.00313	-0.01499	-0.05875
517	9.84661	WB	-0.00313	-0.00559	0.10099
517	0.	WS	0.00079	-0.01173	-0.21264
517	0.425	WS	0.00079	0.00917	-0.13024
517	0.85	WS	0.00079	0.03008	-0.04783
517	0.85	WS	0.00157	-0.0474	1.97076
517	1.32791	WS	0.00157	-0.04116	1.72929
517	1.80583	WS	0.00157	-0.03493	1.48782
517	2.28374	WS	0.00157	-0.02869	1.24635
517	2.76165	WS	0.00157	-0.02245	1.00488
517	3.23957	WS	0.00157	-0.01622	0.76341
517	3.71748	WS	0.00157	-0.00998	0.52194
517	4.19539	WS	0.00157	-0.00375	0.28047
517	4.6733	WS	0.00157	0.00249	0.039
517	5.15122	WS	0.00157	0.00873	-0.20247
517	5.62913	WS	0.00157	0.01496	-0.44394

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
517	6.10704	WS	0.00157	0.0212	-0.68541
517	6.58496	WS	0.00157	0.02743	-0.92688
517	7.06287	WS	0.00157	0.03367	-1.16835
517	7.54078	WS	0.00157	0.03991	-1.40982
517	8.0187	WS	0.00157	0.04614	-1.65129
517	8.49661	WS	0.00157	0.05238	-1.89276
517	8.49661	WS	-0.00844	-0.05606	-0.09586
517	8.94661	WS	-0.00844	-0.03963	-0.0003
517	9.39661	WS	-0.00844	-0.02321	0.09527
517	9.84661	WS	-0.00844	-0.00678	0.19084
518	0.	DEAD	-0.0057	-0.46956	-1.99573
518	0.9	DEAD	-0.0057	-0.0918	-1.20651
518	0.9	DEAD	-0.01518	-0.25741	-1.19476
518	1.7	DEAD	-0.01518	-0.09119	-0.49455
518	3.4	DEAD	-0.01518	0.26203	0.9934
518	0.	LIVE	-0.00057	-0.14132	-0.66172
518	0.9	LIVE	-0.00057	-0.05155	-0.39965
518	0.9	LIVE	-0.00469	-0.05758	-0.39613
518	1.7	LIVE	-0.00469	-0.01848	-0.16415
518	3.4	LIVE	-0.00469	0.0646	0.32882
518	0.	WB	0.17535	-0.08554	-0.94549
518	0.9	WB	0.17535	-0.03271	-0.48897
518	0.9	WB	-0.14096	-0.02376	-0.49187
518	1.7	WB	-0.14096	-0.0149	0.1846
518	3.4	WB	-0.14096	0.00393	1.73813
518	0.	WS	0.178	0.0286	-1.0676
518	0.9	WS	0.178	0.00505	-0.39
518	0.9	WS	-0.15679	0.02223	-0.39601
518	1.7	WS	-0.15679	-0.00253	0.47251
518	3.4	WS	-0.15679	-0.05514	2.43412
519	0.	DEAD	-0.0038	-0.49201	2.95758
519	0.9	DEAD	-0.0038	-0.14157	1.84529
519	0.9	DEAD	0.02106	-0.20495	1.84047
519	1.7	DEAD	0.02106	-0.0565	0.8676
519	3.4	DEAD	0.02106	0.25898	-1.19975
519	0.	LIVE	-0.00282	-0.14669	0.94867
519	0.9	LIVE	-0.00282	-0.04761	0.59006
519	0.9	LIVE	0.00608	-0.05848	0.58843
519	1.7	LIVE	0.00608	-0.01648	0.27493
519	3.4	LIVE	0.00608	0.07277	-0.39125
519	0.	WB	0.03095	-0.02677	-0.50688
519	0.9	WB	0.03095	0.01317	-0.15729
519	0.9	WB	-0.0483	0.00023	-0.15681
519	1.7	WB	-0.0483	0.00741	0.33434
519	3.4	WB	-0.0483	0.02267	1.49404
519	0.	WS	0.0346	-0.01322	-1.10261
519	0.9	WS	0.0346	0.01549	-0.35631
519	0.9	WS	-0.07609	-0.00057	-0.35143
519	1.7	WS	-0.07609	0.00892	0.49387
519	3.4	WS	-0.07609	0.02908	2.40614
521	0.	DEAD	-0.00856	0.01266	-3.02356
521	1.56657	DEAD	-0.00856	0.01083	-0.71676
521	3.13314	DEAD	-0.00856	0.009	1.58343
521	0.	LIVE	-0.00206	0.00489	-0.97727

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
521	1.56657	LIVE	-0.00206	0.00239	-0.2342
521	3.13314	LIVE	-0.00206	-9.562E-05	0.50887
521	0.	WB	-0.01371	0.01204	-1.60162
521	1.56657	WB	-0.01371	-0.00245	0.55801
521	3.13314	WB	-0.01371	-0.01694	2.85161
521	0.	WS	-0.01958	0.00889	-2.05201
521	1.56657	WS	-0.01958	-0.00581	1.14886
521	3.13314	WS	-0.01958	-0.0205	4.48368
522	0.	DEAD	-0.00235	-0.03973	-3.24638
522	0.9	DEAD	-0.00235	-0.03238	-1.8844
522	0.9	DEAD	0.00607	0.09624	-1.88927
522	1.7	DEAD	0.00607	0.03605	-0.68671
522	3.4	DEAD	0.00607	-0.09185	1.86872
522	0.	LIVE	0.00025	-0.01044	-1.044
522	0.9	LIVE	0.00025	0.0075	-0.60788
522	0.9	LIVE	0.00266	0.01066	-0.60927
522	1.7	LIVE	0.00266	0.00132	-0.224
522	3.4	LIVE	0.00266	-0.01854	0.59472
522	0.	WB	-0.16669	-0.00906	-1.57755
522	0.9	WB	-0.16669	-0.01383	-0.65763
522	0.9	WB	0.10945	-0.01246	-0.68615
522	1.7	WB	0.10945	-0.0077	0.41978
522	3.4	WB	0.10945	0.00242	2.8859
522	0.	WS	-0.17213	-0.0032	-2.00472
522	0.9	WS	-0.17213	-0.02144	-0.56852
522	0.9	WS	0.12117	-0.02235	-0.61913
522	1.7	WS	0.12117	-0.01018	0.93792
522	3.4	WS	0.12117	0.01568	4.36267
523	0.	DEAD	-0.00752	-0.04762	4.31398
523	0.9	DEAD	-0.00752	0.05473	2.79183
523	0.9	DEAD	-0.00339	0.07038	2.77368
523	1.7	DEAD	-0.00339	0.01553	1.41612
523	3.4	DEAD	-0.00339	-0.10101	-1.4687
523	0.	LIVE	-0.00302	-0.01448	1.36661
523	0.9	LIVE	-0.00302	0.01596	0.88105
523	0.9	LIVE	-0.00151	0.0209	0.87538
523	1.7	LIVE	-0.00151	0.0045	0.44243
523	3.4	LIVE	-0.00151	-0.03035	-0.47758
523	0.	WB	-0.00844	0.00363	-0.87945
523	0.9	WB	-0.00844	-0.00384	-0.16467
523	0.9	WB	0.01379	-0.00215	-0.18914
523	1.7	WB	0.01379	-0.00184	0.64333
523	3.4	WB	0.01379	-0.00118	2.52837
523	0.	WS	-0.01342	0.00963	-1.94205
523	0.9	WS	-0.01342	-0.00395	-0.46974
523	0.9	WS	0.0286	-0.0015	-0.50967
523	1.7	WS	0.0286	-0.00209	0.98833
523	3.4	WS	0.0286	-0.00336	4.28761
524	0.	DEAD	0.01532	0.55263	3.03795
524	0.9	DEAD	0.01532	0.14788	1.89909
524	0.9	DEAD	-0.01417	0.22451	1.89797
524	1.7	DEAD	-0.01417	0.05592	0.90639
524	3.4	DEAD	-0.01417	-0.30234	-1.20071
524	0.	LIVE	0.0043	0.16676	0.94703

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
524	0.9	LIVE	0.0043	0.04775	0.58956
524	0.9	LIVE	-0.00478	0.06361	0.58943
524	1.7	LIVE	-0.00478	0.01531	0.27803
524	3.4	LIVE	-0.00478	-0.08731	-0.38367
524	0.	WB	-0.03279	0.02512	-0.48402
524	0.9	WB	-0.03279	-0.01191	-0.14989
524	0.9	WB	0.05559	-0.003	-0.14564
524	1.7	WB	0.05559	-0.00599	0.33572
524	3.4	WB	0.05559	-0.01235	1.47461
524	0.	WS	-0.03752	0.01216	-1.08984
524	0.9	WS	-0.03752	-0.01433	-0.35076
524	0.9	WS	0.08484	-0.00254	-0.34166
524	1.7	WS	0.08484	-0.0075	0.50118
524	3.4	WS	0.08484	-0.01803	2.40825
525	0.	DEAD	-0.01159	0.5054	-2.07905
525	0.9	DEAD	-0.01159	0.1274	-1.25041
525	0.9	DEAD	0.01769	0.18599	-1.23819
525	1.7	DEAD	0.01769	0.05118	-0.50176
525	3.4	DEAD	0.01769	-0.23529	1.06314
525	0.	LIVE	-0.00296	0.15599	-0.6684
525	0.9	LIVE	-0.00296	0.03779	-0.40229
525	0.9	LIVE	0.00598	0.04947	-0.3986
525	1.7	LIVE	0.00598	0.01253	-0.16221
525	3.4	LIVE	0.00598	-0.06596	0.34013
525	0.	WB	-0.01536	0.09882	-0.95797
525	0.9	WB	-0.01536	0.0438	-0.43887
525	0.9	WB	0.06308	0.03796	-0.43355
525	1.7	WB	0.06308	0.0174	0.2063
525	3.4	WB	0.06308	-0.02629	1.682
525	0.	WS	-0.02592	-0.01814	-1.09059
525	0.9	WS	-0.02592	0.0139	-0.34849
525	0.9	WS	0.08591	-0.00266	-0.33976
525	1.7	WS	0.08591	0.00741	0.50008
525	3.4	WS	0.08591	0.02882	2.40076
526	0.	DEAD	-0.01	-0.00993	-0.54917
526	0.48636	DEAD	-0.01	-0.00793	-0.2716
526	0.97273	DEAD	-0.01	-0.00593	-0.0493
526	1.45909	DEAD	-0.01	-0.00392	0.11772
526	1.94545	DEAD	-0.01	-0.00192	0.22948
526	2.43182	DEAD	-0.01	8.182E-05	0.28595
526	2.91818	DEAD	-0.01	0.00208	0.28716
526	3.40455	DEAD	-0.01	0.00409	0.23309
526	3.89091	DEAD	-0.01	0.00609	0.12375
526	4.37727	DEAD	-0.01	0.00809	-0.04087
526	4.86364	DEAD	-0.01	0.0101	-0.26076
526	5.35	DEAD	-0.01	0.0121	-0.53592
526	0.	LIVE	-0.0033	-0.00324	-0.17598
526	0.48636	LIVE	-0.0033	-0.00259	-0.08696
526	0.97273	LIVE	-0.0033	-0.00194	-0.01569
526	1.45909	LIVE	-0.0033	-0.00129	0.03785
526	1.94545	LIVE	-0.0033	-0.00064	0.07364
526	2.43182	LIVE	-0.0033	6.716E-06	0.0917
526	2.91818	LIVE	-0.0033	0.00066	0.09201
526	3.40455	LIVE	-0.0033	0.0013	0.07458

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
526	3.89091	LIVE	-0.0033	0.00195	0.03941
526	4.37727	LIVE	-0.0033	0.0026	-0.0135
526	4.86364	LIVE	-0.0033	0.00325	-0.08415
526	5.35	LIVE	-0.0033	0.0039	-0.17254
526	0.	WB	-0.00502	0.05315	0.01316
526	0.48636	WB	-0.00502	0.02163	0.01078
526	0.97273	WB	-0.00502	-0.00301	0.0084
526	1.45909	WB	-0.00502	-0.02076	0.00602
526	1.94545	WB	-0.00502	-0.03163	0.00364
526	2.43182	WB	-0.00502	-0.0356	0.00126
526	2.91818	WB	-0.00502	-0.03269	-0.00112
526	3.40455	WB	-0.00502	-0.02289	-0.0035
526	3.89091	WB	-0.00502	-0.0062	-0.00588
526	4.37727	WB	-0.00502	0.01737	-0.00826
526	4.86364	WB	-0.00502	0.04783	-0.01064
526	5.35	WB	-0.00502	0.08518	-0.01302
526	0.	WS	-0.00714	0.18547	0.01996
526	0.48636	WS	-0.00714	0.08486	0.01626
526	0.97273	WS	-0.00714	0.00532	0.01255
526	1.45909	WS	-0.00714	-0.05313	0.00884
526	1.94545	WS	-0.00714	-0.0905	0.00513
526	2.43182	WS	-0.00714	-0.10679	0.00143
526	2.91818	WS	-0.00714	-0.102	-0.00228
526	3.40455	WS	-0.00714	-0.07614	-0.00599
526	3.89091	WS	-0.00714	-0.02919	-0.0097
526	4.37727	WS	-0.00714	0.03884	-0.0134
526	4.86364	WS	-0.00714	0.12796	-0.01711
526	5.35	WS	-0.00714	0.23815	-0.02082
529	0.	DEAD	0.01253	-0.09102	-0.56386
529	0.48636	DEAD	0.01253	-0.06618	-0.2283
529	0.97273	DEAD	0.01253	-0.04134	0.0468
529	1.45909	DEAD	0.01253	-0.01651	0.26143
529	1.94545	DEAD	0.01253	0.00833	0.4156
529	2.43182	DEAD	0.01253	0.03317	0.50931
529	2.91818	DEAD	0.01253	0.058	0.54255
529	3.40455	DEAD	0.01253	0.08284	0.51532
529	3.89091	DEAD	0.01253	0.10768	0.42763
529	4.37727	DEAD	0.01253	0.13251	0.27948
529	4.86364	DEAD	0.01253	0.15735	0.07086
529	5.35	DEAD	0.01253	0.18219	-0.19822
529	0.	LIVE	0.00462	-0.03122	-0.16392
529	0.48636	LIVE	0.00462	-0.02299	-0.06524
529	0.97273	LIVE	0.00462	-0.01476	0.01569
529	1.45909	LIVE	0.00462	-0.00653	0.07889
529	1.94545	LIVE	0.00462	0.0017	0.12434
529	2.43182	LIVE	0.00462	0.00993	0.15205
529	2.91818	LIVE	0.00462	0.01816	0.16202
529	3.40455	LIVE	0.00462	0.02639	0.15425
529	3.89091	LIVE	0.00462	0.03462	0.12874
529	4.37727	LIVE	0.00462	0.04285	0.08549
529	4.86364	LIVE	0.00462	0.05108	0.02449
529	5.35	LIVE	0.00462	0.05931	-0.05424
529	0.	WB	0.00525	-0.05213	0.0169
529	0.48636	WB	0.00525	-0.07173	0.01454

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
529	0.97273	WB	0.00525	-0.08272	0.01218
529	1.45909	WB	0.00525	-0.0851	0.00981
529	1.94545	WB	0.00525	-0.07887	0.00745
529	2.43182	WB	0.00525	-0.06403	0.00509
529	2.91818	WB	0.00525	-0.04058	0.00273
529	3.40455	WB	0.00525	-0.00852	0.00037
529	3.89091	WB	0.00525	0.03215	-0.00199
529	4.37727	WB	0.00525	0.08143	-0.00436
529	4.86364	WB	0.00525	0.13932	-0.00672
529	5.35	WB	0.00525	0.20581	-0.00908
529	0.	WS	0.00015	0.00217	0.03818
529	0.48636	WS	0.00015	-0.074	0.03031
529	0.97273	WS	0.00015	-0.12737	0.02244
529	1.45909	WS	0.00015	-0.15793	0.01458
529	1.94545	WS	0.00015	-0.1657	0.00671
529	2.43182	WS	0.00015	-0.15066	-0.00116
529	2.91818	WS	0.00015	-0.11282	-0.00903
529	3.40455	WS	0.00015	-0.05218	-0.0169
529	3.89091	WS	0.00015	0.03127	-0.02476
529	4.37727	WS	0.00015	0.13752	-0.03263
529	4.86364	WS	0.00015	0.26657	-0.0405
529	5.35	WS	0.00015	0.41842	-0.04837
532	0.	DEAD	-0.02135	-0.07184	-0.61522
532	0.48636	DEAD	-0.02135	-0.05996	-0.27848
532	0.97273	DEAD	-0.02135	-0.04807	-0.0022
532	1.45909	DEAD	-0.02135	-0.03619	0.21361
532	1.94545	DEAD	-0.02135	-0.02431	0.36895
532	2.43182	DEAD	-0.02135	-0.01243	0.46383
532	2.91818	DEAD	-0.02135	-0.00055	0.49825
532	3.40455	DEAD	-0.02135	0.01134	0.4722
532	3.89091	DEAD	-0.02135	0.02322	0.38569
532	4.37727	DEAD	-0.02135	0.0351	0.23871
532	4.86364	DEAD	-0.02135	0.04698	0.03127
532	5.35	DEAD	-0.02135	0.05886	-0.23664
532	0.	LIVE	-0.00394	-0.02198	-0.17862
532	0.48636	LIVE	-0.00394	-0.01837	-0.07965
532	0.97273	LIVE	-0.00394	-0.01476	0.00159
532	1.45909	LIVE	-0.00394	-0.01115	0.06508
532	1.94545	LIVE	-0.00394	-0.00754	0.11083
532	2.43182	LIVE	-0.00394	-0.00393	0.13884
532	2.91818	LIVE	-0.00394	-0.00032	0.1491
532	3.40455	LIVE	-0.00394	0.0033	0.14163
532	3.89091	LIVE	-0.00394	0.00691	0.11642
532	4.37727	LIVE	-0.00394	0.01052	0.07346
532	4.86364	LIVE	-0.00394	0.01413	0.01276
532	5.35	LIVE	-0.00394	0.01774	-0.06568
532	0.	WB	0.01348	-0.04627	0.00571
532	0.48636	WB	0.01348	-0.0675	0.00763
532	0.97273	WB	0.01348	-0.08011	0.00956
532	1.45909	WB	0.01348	-0.08412	0.01148
532	1.94545	WB	0.01348	-0.07952	0.0134
532	2.43182	WB	0.01348	-0.06631	0.01533
532	2.91818	WB	0.01348	-0.04449	0.01725
532	3.40455	WB	0.01348	-0.01406	0.01917

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
532	3.89091	WB	0.01348	0.02498	0.0211
532	4.37727	WB	0.01348	0.07263	0.02302
532	4.86364	WB	0.01348	0.12889	0.02494
532	5.35	WB	0.01348	0.19376	0.02687
532	0.	WS	0.0035	-0.14729	0.013
532	0.48636	WS	0.0035	-0.15113	0.01099
532	0.97273	WS	0.0035	-0.14636	0.00897
532	1.45909	WS	0.0035	-0.13297	0.00696
532	1.94545	WS	0.0035	-0.11098	0.00494
532	2.43182	WS	0.0035	-0.08038	0.00292
532	2.91818	WS	0.0035	-0.04117	0.00091
532	3.40455	WS	0.0035	0.00665	-0.00111
532	3.89091	WS	0.0035	0.06308	-0.00313
532	4.37727	WS	0.0035	0.12812	-0.00514
532	4.86364	WS	0.0035	0.20177	-0.00716
532	5.35	WS	0.0035	0.28403	-0.00917
535	0.	DEAD	-0.03772	-0.01741	-0.65477
535	0.48636	DEAD	-0.03772	-0.02254	-0.31135
535	0.97273	DEAD	-0.03772	-0.02768	-0.0284
535	1.45909	DEAD	-0.03772	-0.03281	0.19409
535	1.94545	DEAD	-0.03772	-0.03794	0.35611
535	2.43182	DEAD	-0.03772	-0.04308	0.45767
535	2.91818	DEAD	-0.03772	-0.04821	0.49876
535	3.40455	DEAD	-0.03772	-0.05334	0.47939
535	3.89091	DEAD	-0.03772	-0.05848	0.39955
535	4.37727	DEAD	-0.03772	-0.06361	0.25925
535	4.86364	DEAD	-0.03772	-0.06874	0.05848
535	5.35	DEAD	-0.03772	-0.07388	-0.20275
535	0.	LIVE	-0.01251	-0.00397	-0.18824
535	0.48636	LIVE	-0.01251	-0.00587	-0.0876
535	0.97273	LIVE	-0.01251	-0.00776	-0.0047
535	1.45909	LIVE	-0.01251	-0.00966	0.06047
535	1.94545	LIVE	-0.01251	-0.01155	0.10788
535	2.43182	LIVE	-0.01251	-0.01345	0.13756
535	2.91818	LIVE	-0.01251	-0.01535	0.1495
535	3.40455	LIVE	-0.01251	-0.01724	0.1437
535	3.89091	LIVE	-0.01251	-0.01914	0.12015
535	4.37727	LIVE	-0.01251	-0.02104	0.07886
535	4.86364	LIVE	-0.01251	-0.02293	0.01984
535	5.35	LIVE	-0.01251	-0.02483	-0.05693
535	0.	WB	-0.00114	-0.04469	-0.15864
535	0.48636	WB	-0.00114	-0.06743	-0.07749
535	0.97273	WB	-0.00114	-0.08155	-0.01052
535	1.45909	WB	-0.00114	-0.08707	0.04225
535	1.94545	WB	-0.00114	-0.08397	0.08083
535	2.43182	WB	-0.00114	-0.07227	0.10521
535	2.91818	WB	-0.00114	-0.05195	0.1154
535	3.40455	WB	-0.00114	-0.02303	0.1114
535	3.89091	WB	-0.00114	0.01451	0.09321
535	4.37727	WB	-0.00114	0.06065	0.06082
535	4.86364	WB	-0.00114	0.1154	0.01424
535	5.35	WB	-0.00114	0.17876	-0.04653
535	0.	WS	-0.00279	-0.14597	-0.01424
535	0.48636	WS	-0.00279	-0.14972	-0.01025

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
535	0.97273	WS	-0.00279	-0.14486	-0.00626
535	1.45909	WS	-0.00279	-0.13139	-0.00228
535	1.94545	WS	-0.00279	-0.1093	0.00171
535	2.43182	WS	-0.00279	-0.07861	0.0057
535	2.91818	WS	-0.00279	-0.03931	0.00968
535	3.40455	WS	-0.00279	0.0086	0.01367
535	3.89091	WS	-0.00279	0.06511	0.01766
535	4.37727	WS	-0.00279	0.13024	0.02164
535	4.86364	WS	-0.00279	0.20398	0.02563
535	5.35	WS	-0.00279	0.28633	0.02962
538	0.	DEAD	-0.00193	0.00336	-0.569
538	0.48636	DEAD	-0.00193	0.00102	-0.28404
538	0.97273	DEAD	-0.00193	-0.00132	-0.05435
538	1.45909	DEAD	-0.00193	-0.00366	0.12006
538	1.94545	DEAD	-0.00193	-0.006	0.2392
538	2.43182	DEAD	-0.00193	-0.00834	0.30307
538	2.91818	DEAD	-0.00193	-0.01068	0.31166
538	3.40455	DEAD	-0.00193	-0.01302	0.26498
538	3.89091	DEAD	-0.00193	-0.01536	0.16303
538	4.37727	DEAD	-0.00193	-0.0177	0.0058
538	4.86364	DEAD	-0.00193	-0.02004	-0.2067
538	5.35	DEAD	-0.00193	-0.02238	-0.47448
538	0.	LIVE	-0.0004	0.0011	-0.18263
538	0.48636	LIVE	-0.0004	0.00035	-0.09114
538	0.97273	LIVE	-0.0004	-0.0004	-0.01738
538	1.45909	LIVE	-0.0004	-0.00115	0.03863
538	1.94545	LIVE	-0.0004	-0.0019	0.07691
538	2.43182	LIVE	-0.0004	-0.00265	0.09744
538	2.91818	LIVE	-0.0004	-0.0034	0.10023
538	3.40455	LIVE	-0.0004	-0.00415	0.08528
538	3.89091	LIVE	-0.0004	-0.0049	0.05259
538	4.37727	LIVE	-0.0004	-0.00565	0.00216
538	4.86364	LIVE	-0.0004	-0.0064	-0.06602
538	5.35	LIVE	-0.0004	-0.00715	-0.15193
538	0.	WB	0.00136	0.05121	-0.14979
538	0.48636	WB	0.00136	0.01976	-0.07622
538	0.97273	WB	0.00136	-0.00479	-0.01685
538	1.45909	WB	0.00136	-0.02246	0.02833
538	1.94545	WB	0.00136	-0.03324	0.05932
538	2.43182	WB	0.00136	-0.03714	0.07611
538	2.91818	WB	0.00136	-0.03415	0.07871
538	3.40455	WB	0.00136	-0.02426	0.06712
538	3.89091	WB	0.00136	-0.00749	0.04134
538	4.37727	WB	0.00136	0.01616	0.00136
538	4.86364	WB	0.00136	0.04671	-0.05281
538	5.35	WB	0.00136	0.08414	-0.12117
538	0.	WS	0.00021	0.0352	-0.00592
538	0.48636	WS	0.00021	0.00694	-0.00441
538	0.97273	WS	0.00021	-0.01444	-0.00291
538	1.45909	WS	0.00021	-0.02892	-0.00141
538	1.94545	WS	0.00021	-0.03653	9.340E-05
538	2.43182	WS	0.00021	-0.03724	0.0016
538	2.91818	WS	0.00021	-0.03106	0.0031
538	3.40455	WS	0.00021	-0.018	0.0046

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
538	3.89091	WS	0.00021	0.00195	0.0061
538	4.37727	WS	0.00021	0.02879	0.0076
538	4.86364	WS	0.00021	0.06251	0.00911
538	5.35	WS	0.00021	0.10312	0.01061
541	0.	DEAD	-0.00348	-0.02115	-0.55768
541	0.48636	DEAD	-0.00348	-0.01535	-0.2742
541	0.97273	DEAD	-0.00348	-0.00954	-0.04599
541	1.45909	DEAD	-0.00348	-0.00374	0.12694
541	1.94545	DEAD	-0.00348	0.00206	0.2446
541	2.43182	DEAD	-0.00348	0.00787	0.30699
541	2.91818	DEAD	-0.00348	0.01367	0.3141
541	3.40455	DEAD	-0.00348	0.01947	0.26594
541	3.89091	DEAD	-0.00348	0.02528	0.16251
541	4.37727	DEAD	-0.00348	0.03108	0.0038
541	4.86364	DEAD	-0.00348	0.03688	-0.21018
541	5.35	DEAD	-0.00348	0.04268	-0.47943
541	0.	LIVE	-0.0009	-0.00668	-0.17904
541	0.48636	LIVE	-0.0009	-0.00486	-0.08813
541	0.97273	LIVE	-0.0009	-0.00305	-0.01495
541	1.45909	LIVE	-0.0009	-0.00123	0.04048
541	1.94545	LIVE	-0.0009	0.00058	0.07818
541	2.43182	LIVE	-0.0009	0.00239	0.09813
541	2.91818	LIVE	-0.0009	0.00421	0.10034
541	3.40455	LIVE	-0.0009	0.00602	0.08481
541	3.89091	LIVE	-0.0009	0.00784	0.05154
541	4.37727	LIVE	-0.0009	0.00965	0.00052
541	4.86364	LIVE	-0.0009	0.01147	-0.06823
541	5.35	LIVE	-0.0009	0.01328	-0.15473
541	0.	WB	0.00115	0.04849	0.00594
541	0.48636	WB	0.00115	0.01792	0.00491
541	0.97273	WB	0.00115	-0.00577	0.00389
541	1.45909	WB	0.00115	-0.02257	0.00286
541	1.94545	WB	0.00115	-0.03248	0.00184
541	2.43182	WB	0.00115	-0.0355	0.00081
541	2.91818	WB	0.00115	-0.03164	-0.00021
541	3.40455	WB	0.00115	-0.02088	-0.00124
541	3.89091	WB	0.00115	-0.00325	-0.00226
541	4.37727	WB	0.00115	0.02128	-0.00329
541	4.86364	WB	0.00115	0.0527	-0.00431
541	5.35	WB	0.00115	0.091	-0.00534
541	0.	WS	0.00024	0.17877	0.01152
541	0.48636	WS	0.00024	0.07939	0.00899
541	0.97273	WS	0.00024	0.00109	0.00646
541	1.45909	WS	0.00024	-0.05613	0.00394
541	1.94545	WS	0.00024	-0.09227	0.00141
541	2.43182	WS	0.00024	-0.10733	-0.00112
541	2.91818	WS	0.00024	-0.10131	-0.00364
541	3.40455	WS	0.00024	-0.0742	-0.00617
541	3.89091	WS	0.00024	-0.02602	-0.0087
541	4.37727	WS	0.00024	0.04324	-0.01122
541	4.86364	WS	0.00024	0.13359	-0.01375
541	5.35	WS	0.00024	0.24501	-0.01628
544	0.	DEAD	0.00335	-0.00351	-0.56408
544	0.48637	DEAD	0.00335	-0.00301	-0.2848

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
544	0.97273	DEAD	0.00335	-0.0025	-0.06081
544	1.4591	DEAD	0.00335	-0.002	0.10792
544	1.94546	DEAD	0.00335	-0.0015	0.22137
544	2.43183	DEAD	0.00335	-0.00099	0.27955
544	2.91819	DEAD	0.00335	-0.00049	0.28246
544	3.40456	DEAD	0.00335	1.060E-05	0.23009
544	3.89092	DEAD	0.00335	0.00051	0.12244
544	4.37729	DEAD	0.00335	0.00102	-0.04047
544	4.86365	DEAD	0.00335	0.00152	-0.25866
544	5.35002	DEAD	0.00335	0.00202	-0.53213
544	0.	LIVE	0.00107	-0.00085	-0.18086
544	0.48637	LIVE	0.00107	-0.00074	-0.09127
544	0.97273	LIVE	0.00107	-0.00062	-0.01941
544	1.4591	LIVE	0.00107	-0.00051	0.0347
544	1.94546	LIVE	0.00107	-0.0004	0.07107
544	2.43183	LIVE	0.00107	-0.00028	0.0897
544	2.91819	LIVE	0.00107	-0.00017	0.09059
544	3.40456	LIVE	0.00107	-5.606E-05	0.07374
544	3.89092	LIVE	0.00107	5.713E-05	0.03914
544	4.37729	LIVE	0.00107	0.00017	-0.01319
544	4.86365	LIVE	0.00107	0.00028	-0.08327
544	5.35002	LIVE	0.00107	0.0004	-0.17109
544	0.	WB	-0.00354	0.05611	-0.15235
544	0.48637	WB	-0.00354	0.02399	-0.07924
544	0.97273	WB	-0.00354	-0.00125	-0.02032
544	1.4591	WB	-0.00354	-0.0196	0.0244
544	1.94546	WB	-0.00354	-0.03106	0.05493
544	2.43183	WB	-0.00354	-0.03563	0.07127
544	2.91819	WB	-0.00354	-0.03331	0.07341
544	3.40456	WB	-0.00354	-0.02411	0.06136
544	3.89092	WB	-0.00354	-0.00802	0.03512
544	4.37729	WB	-0.00354	0.01496	-0.00532
544	4.86365	WB	-0.00354	0.04483	-0.05995
544	5.35002	WB	-0.00354	0.08158	-0.12877
544	0.	WS	-0.00651	0.0441	-0.01167
544	0.48637	WS	-0.00651	0.01417	-0.00948
544	0.97273	WS	-0.00651	-0.00888	-0.00728
544	1.4591	WS	-0.00651	-0.02504	-0.00508
544	1.94546	WS	-0.00651	-0.03431	-0.00289
544	2.43183	WS	-0.00651	-0.0367	-0.00069
544	2.91819	WS	-0.00651	-0.0322	0.0015
544	3.40456	WS	-0.00651	-0.02081	0.0037
544	3.89092	WS	-0.00651	-0.00253	0.00589
544	4.37729	WS	-0.00651	0.02264	0.00809
544	4.86365	WS	-0.00651	0.05469	0.01028
544	5.35002	WS	-0.00651	0.09363	0.01248
547	0.	DEAD	0.00525	-0.01313	-0.57133
547	0.48636	DEAD	0.00525	-0.00984	-0.28647
547	0.97273	DEAD	0.00525	-0.00655	-0.05689
547	1.45909	DEAD	0.00525	-0.00325	0.11742
547	1.94545	DEAD	0.00525	3.675E-05	0.23646
547	2.43182	DEAD	0.00525	0.00333	0.30022
547	2.91818	DEAD	0.00525	0.00662	0.30871
547	3.40455	DEAD	0.00525	0.00991	0.26192

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
547	3.89091	DEAD	0.00525	0.0132	0.15986
547	4.37727	DEAD	0.00525	0.01649	0.00253
547	4.86364	DEAD	0.00525	0.01978	-0.21008
547	5.35	DEAD	0.00525	0.02308	-0.47796
547	0.	LIVE	0.0015	-0.00458	-0.18318
547	0.48636	LIVE	0.0015	-0.00346	-0.09184
547	0.97273	LIVE	0.0015	-0.00234	-0.01824
547	1.45909	LIVE	0.0015	-0.00123	0.03762
547	1.94545	LIVE	0.0015	-0.00011	0.07574
547	2.43182	LIVE	0.0015	0.001	0.09611
547	2.91818	LIVE	0.0015	0.00212	0.09875
547	3.40455	LIVE	0.0015	0.00323	0.08364
547	3.89091	LIVE	0.0015	0.00435	0.05079
547	4.37727	LIVE	0.0015	0.00547	0.0002
547	4.86364	LIVE	0.0015	0.00658	-0.06813
547	5.35	LIVE	0.0015	0.0077	-0.1542
547	0.	WB	-0.00313	0.05156	0.00671
547	0.48636	WB	-0.00313	0.02033	0.00544
547	0.97273	WB	-0.00313	-0.00401	0.00417
547	1.45909	WB	-0.00313	-0.02147	0.0029
547	1.94545	WB	-0.00313	-0.03204	0.00164
547	2.43182	WB	-0.00313	-0.03572	0.00037
547	2.91818	WB	-0.00313	-0.03251	-0.0009
547	3.40455	WB	-0.00313	-0.02242	-0.00217
547	3.89091	WB	-0.00313	-0.00543	-0.00344
547	4.37727	WB	-0.00313	0.01844	-0.0047
547	4.86364	WB	-0.00313	0.04919	-0.00597
547	5.35	WB	-0.00313	0.08684	-0.00724
547	0.	WS	-0.00402	0.1832	0.01194
547	0.48636	WS	-0.00402	0.08299	0.00947
547	0.97273	WS	-0.00402	0.00385	0.00701
547	1.45909	WS	-0.00402	-0.0542	0.00454
547	1.94545	WS	-0.00402	-0.09117	0.00208
547	2.43182	WS	-0.00402	-0.10707	-0.00039
547	2.91818	WS	-0.00402	-0.10188	-0.00286
547	3.40455	WS	-0.00402	-0.07561	-0.00532
547	3.89091	WS	-0.00402	-0.02826	-0.00779
547	4.37727	WS	-0.00402	0.04017	-0.01025
547	4.86364	WS	-0.00402	0.12968	-0.01272
547	5.35	WS	-0.00402	0.24027	-0.01518
550	0.	DEAD	0.00742	-0.01324	-0.56549
550	0.48636	DEAD	0.00742	-0.00969	-0.28003
550	0.97273	DEAD	0.00742	-0.00615	-0.04985
550	1.45909	DEAD	0.00742	-0.0026	0.12506
550	1.94545	DEAD	0.00742	0.00094	0.2447
550	2.43182	DEAD	0.00742	0.00449	0.30906
550	2.91818	DEAD	0.00742	0.00803	0.31815
550	3.40455	DEAD	0.00742	0.01158	0.27196
550	3.89091	DEAD	0.00742	0.01513	0.1705
550	4.37727	DEAD	0.00742	0.01867	0.01377
550	4.86364	DEAD	0.00742	0.02222	-0.19823
550	5.35	DEAD	0.00742	0.02576	-0.46551
550	0.	LIVE	0.00225	-0.00488	-0.18143
550	0.48636	LIVE	0.00225	-0.00363	-0.08991

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
550	0.97273	LIVE	0.00225	-0.00238	-0.01612
550	1.45909	LIVE	0.00225	-0.00113	0.03992
550	1.94545	LIVE	0.00225	0.00012	0.07823
550	2.43182	LIVE	0.00225	0.00136	0.09879
550	2.91818	LIVE	0.00225	0.00261	0.10161
550	3.40455	LIVE	0.00225	0.00386	0.08669
550	3.89091	LIVE	0.00225	0.00511	0.05403
550	4.37727	LIVE	0.00225	0.00636	0.00363
550	4.86364	LIVE	0.00225	0.00761	-0.06452
550	5.35	LIVE	0.00225	0.00885	-0.1504
550	0.	WB	-0.00109	0.05199	0.00372
550	0.48636	WB	-0.00109	0.02064	0.00301
550	0.97273	WB	-0.00109	-0.00381	0.00231
550	1.45909	WB	-0.00109	-0.02138	0.0016
550	1.94545	WB	-0.00109	-0.03206	0.0009
550	2.43182	WB	-0.00109	-0.03586	0.00019
550	2.91818	WB	-0.00109	-0.03276	-0.00051
550	3.40455	WB	-0.00109	-0.02278	-0.00122
550	3.89091	WB	-0.00109	-0.00591	-0.00192
550	4.37727	WB	-0.00109	0.01785	-0.00263
550	4.86364	WB	-0.00109	0.04849	-0.00333
550	5.35	WB	-0.00109	0.08602	-0.00404
550	0.	WS	-0.00137	0.1836	0.00872
550	0.48636	WS	-0.00137	0.08325	0.00679
550	0.97273	WS	-0.00137	0.00399	0.00485
550	1.45909	WS	-0.00137	-0.05418	0.00292
550	1.94545	WS	-0.00137	-0.09128	0.00098
550	2.43182	WS	-0.00137	-0.1073	-0.00095
550	2.91818	WS	-0.00137	-0.10224	-0.00289
550	3.40455	WS	-0.00137	-0.0761	-0.00482
550	3.89091	WS	-0.00137	-0.02887	-0.00675
550	4.37727	WS	-0.00137	0.03943	-0.00869
550	4.86364	WS	-0.00137	0.12882	-0.01062
550	5.35	WS	-0.00137	0.23928	-0.01256
553	0.	DEAD	-0.00712	-0.00042	-0.57993
553	0.48636	DEAD	-0.00712	-0.00132	-0.29367
553	0.97273	DEAD	-0.00712	-0.00222	-0.06267
553	1.45909	DEAD	-0.00712	-0.00312	0.11305
553	1.94545	DEAD	-0.00712	-0.00403	0.23349
553	2.43182	DEAD	-0.00712	-0.00493	0.29866
553	2.91818	DEAD	-0.00712	-0.00583	0.30856
553	3.40455	DEAD	-0.00712	-0.00673	0.26319
553	3.89091	DEAD	-0.00712	-0.00763	0.16254
553	4.37727	DEAD	-0.00712	-0.00853	0.00662
553	4.86364	DEAD	-0.00712	-0.00943	-0.20458
553	5.35	DEAD	-0.00712	-0.01033	-0.47105
553	0.	LIVE	-0.00254	0.00055	-0.1853
553	0.48636	LIVE	-0.00254	0.00013	-0.09361
553	0.97273	LIVE	-0.00254	-0.00028	-0.01967
553	1.45909	LIVE	-0.00254	-0.0007	0.03654
553	1.94545	LIVE	-0.00254	-0.00112	0.075
553	2.43182	LIVE	-0.00254	-0.00153	0.09573
553	2.91818	LIVE	-0.00254	-0.00195	0.09871
553	3.40455	LIVE	-0.00254	-0.00236	0.08395

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
553	3.89091	LIVE	-0.00254	-0.00278	0.05145
553	4.37727	LIVE	-0.00254	-0.0032	0.00121
553	4.86364	LIVE	-0.00254	-0.00361	-0.06678
553	5.35	LIVE	-0.00254	-0.00403	-0.1525
553	0.	WB	-0.0027	0.05371	-0.1504
553	0.48636	WB	-0.0027	0.02181	-0.07659
553	0.97273	WB	-0.0027	-0.00321	-0.01698
553	1.45909	WB	-0.0027	-0.02134	0.02844
553	1.94545	WB	-0.0027	-0.03259	0.05966
553	2.43182	WB	-0.0027	-0.03694	0.0767
553	2.91818	WB	-0.0027	-0.03441	0.07954
553	3.40455	WB	-0.0027	-0.02499	0.06818
553	3.89091	WB	-0.0027	-0.00869	0.04264
553	4.37727	WB	-0.0027	0.01451	0.0029
553	4.86364	WB	-0.0027	0.04459	-0.05103
553	5.35	WB	-0.0027	0.08156	-0.11916
553	0.	WS	-0.00192	0.03981	-0.00437
553	0.48636	WS	-0.00192	0.01064	-0.00327
553	0.97273	WS	-0.00192	-0.01165	-0.00216
553	1.45909	WS	-0.00192	-0.02705	-0.00105
553	1.94545	WS	-0.00192	-0.03556	5.285E-05
553	2.43182	WS	-0.00192	-0.03718	0.00116
553	2.91818	WS	-0.00192	-0.03191	0.00226
553	3.40455	WS	-0.00192	-0.01976	0.00337
553	3.89091	WS	-0.00192	-0.00072	0.00448
553	4.37727	WS	-0.00192	0.02521	0.00558
553	4.86364	WS	-0.00192	0.05802	0.00669
553	5.35	WS	-0.00192	0.09772	0.0078
556	0.	DEAD	-0.00543	0.00754	-0.48543
556	0.48636	DEAD	-0.00543	0.00691	-0.2178
556	0.97273	DEAD	-0.00543	0.00628	-0.00544
556	1.45909	DEAD	-0.00543	0.00565	0.15165
556	1.94545	DEAD	-0.00543	0.00501	0.25346
556	2.43182	DEAD	-0.00543	0.00438	0.3
556	2.91818	DEAD	-0.00543	0.00375	0.29126
556	3.40455	DEAD	-0.00543	0.00312	0.22725
556	3.89091	DEAD	-0.00543	0.00248	0.10797
556	4.37727	DEAD	-0.00543	0.00185	-0.06658
556	4.86364	DEAD	-0.00543	0.00122	-0.29641
556	5.35	DEAD	-0.00543	0.00059	-0.58151
556	0.	LIVE	-0.00198	0.00298	-0.15657
556	0.48636	LIVE	-0.00198	0.00267	-0.07055
556	0.97273	LIVE	-0.00198	0.00237	-0.00228
556	1.45909	LIVE	-0.00198	0.00206	0.04825
556	1.94545	LIVE	-0.00198	0.00176	0.08104
556	2.43182	LIVE	-0.00198	0.00145	0.09608
556	2.91818	LIVE	-0.00198	0.00115	0.09339
556	3.40455	LIVE	-0.00198	0.00084	0.07296
556	3.89091	LIVE	-0.00198	0.00054	0.03478
556	4.37727	LIVE	-0.00198	0.00023	-0.02114
556	4.86364	LIVE	-0.00198	-7.181E-05	-0.0948
556	5.35	LIVE	-0.00198	-0.00038	-0.1862
556	0.	WB	-0.00416	-0.08113	-0.12061
556	0.48636	WB	-0.00416	-0.0443	-0.05255

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
556	0.97273	WB	-0.00416	-0.01435	0.00131
556	1.45909	WB	-0.00416	0.0087	0.04098
556	1.94545	WB	-0.00416	0.02487	0.06646
556	2.43182	WB	-0.00416	0.03416	0.07775
556	2.91818	WB	-0.00416	0.03655	0.07484
556	3.40455	WB	-0.00416	0.03206	0.05774
556	3.89091	WB	-0.00416	0.02068	0.02645
556	4.37727	WB	-0.00416	0.00241	-0.01904
556	4.86364	WB	-0.00416	-0.02275	-0.07871
556	5.35	WB	-0.00416	-0.05479	-0.15259
556	0.	WS	-0.00397	-0.09633	0.00866
556	0.48636	WS	-0.00397	-0.05689	0.00731
556	0.97273	WS	-0.00397	-0.02433	0.00595
556	1.45909	WS	-0.00397	0.00133	0.0046
556	1.94545	WS	-0.00397	0.02011	0.00324
556	2.43182	WS	-0.00397	0.03201	0.00189
556	2.91818	WS	-0.00397	0.03701	0.00053
556	3.40455	WS	-0.00397	0.03513	-0.00083
556	3.89091	WS	-0.00397	0.02636	-0.00218
556	4.37727	WS	-0.00397	0.0107	-0.00354
556	4.86364	WS	-0.00397	-0.01184	-0.00489
556	5.35	WS	-0.00397	-0.04128	-0.00625
557	0.	DEAD	0.32972	-0.05771	-0.35213
557	0.47147	DEAD	0.32972	0.00674	-1.2439
557	0.94295	DEAD	0.32972	0.07118	-2.1422
557	0.	LIVE	0.10499	-0.01357	-0.09291
557	0.47147	LIVE	0.10499	0.00581	-0.36013
557	0.94295	LIVE	0.10499	0.0252	-0.62736
557	0.	WB	0.09435	-0.00669	0.05039
557	0.47147	WB	0.09435	-0.00746	-0.23063
557	0.94295	WB	0.09435	-0.00822	-0.51233
557	0.	WS	0.0246	-0.00215	0.13435
557	0.47147	WS	0.0246	-0.01685	0.0761
557	0.94295	WS	0.0246	-0.03155	0.01718
558	0.	DEAD	-0.04106	-0.03808	0.04219
558	0.44375	DEAD	-0.04106	-0.02918	0.0394
558	0.8875	DEAD	-0.04106	-0.02028	0.03315
558	1.33125	DEAD	-0.04106	-0.01137	0.02343
558	1.775	DEAD	-0.04106	-0.00247	0.01024
558	2.21875	DEAD	-0.04106	0.00643	-0.00642
558	2.6625	DEAD	-0.04106	0.01533	-0.02655
558	3.10625	DEAD	-0.04106	0.02423	-0.05014
558	3.55	DEAD	-0.04106	0.03314	-0.07721
558	0.	LIVE	-0.01339	-0.01078	0.01983
558	0.44375	LIVE	-0.01339	-0.00825	0.01498
558	0.8875	LIVE	-0.01339	-0.00571	0.01014
558	1.33125	LIVE	-0.01339	-0.00317	0.00529
558	1.775	LIVE	-0.01339	-0.00063	0.00044
558	2.21875	LIVE	-0.01339	0.00191	-0.00441
558	2.6625	LIVE	-0.01339	0.00444	-0.00926
558	3.10625	LIVE	-0.01339	0.00698	-0.01411
558	3.55	LIVE	-0.01339	0.00952	-0.01895
558	0.	WB	0.00672	0.06634	0.03034
558	0.44375	WB	0.00672	0.03332	0.02354

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
558	0.8875	WB	0.00672	0.00818	0.01675
558	1.33125	WB	0.00672	-0.00907	0.00996
558	1.775	WB	0.00672	-0.01844	0.00317
558	2.21875	WB	0.00672	-0.01993	-0.00362
558	2.6625	WB	0.00672	-0.01353	-0.01042
558	3.10625	WB	0.00672	0.00075	-0.01721
558	3.55	WB	0.00672	0.02292	-0.024
558	0.	WS	0.02164	0.10192	0.0195
558	0.44375	WS	0.02164	0.06031	0.01552
558	0.8875	WS	0.02164	0.02658	0.01154
558	1.33125	WS	0.02164	0.00074	0.00757
558	1.775	WS	0.02164	-0.01722	0.00359
558	2.21875	WS	0.02164	-0.0273	-0.00039
558	2.6625	WS	0.02164	-0.0295	-0.00437
558	3.10625	WS	0.02164	-0.02381	-0.00835
558	3.55	WS	0.02164	-0.01023	-0.01233
559	0.	DEAD	-0.00895	7.321E-05	-0.01654
559	0.48182	DEAD	-0.00895	-1.812E-05	0.00092
559	0.96364	DEAD	-0.00895	-0.00011	0.01428
559	1.44546	DEAD	-0.00895	-0.0002	0.02356
559	1.92728	DEAD	-0.00895	-0.00029	0.02874
559	2.4091	DEAD	-0.00895	-0.00038	0.02984
559	2.89092	DEAD	-0.00895	-0.00047	0.02685
559	3.37274	DEAD	-0.00895	-0.00057	0.01977
559	3.85456	DEAD	-0.00895	-0.00066	0.0086
559	4.33638	DEAD	-0.00895	-0.00075	-0.00666
559	4.8182	DEAD	-0.00895	-0.00084	-0.02601
559	5.30002	DEAD	-0.00895	-0.00093	-0.04944
559	0.	LIVE	-0.00277	6.303E-05	0.00794
559	0.48182	LIVE	-0.00277	2.407E-05	0.00695
559	0.96364	LIVE	-0.00277	-1.488E-05	0.00597
559	1.44546	LIVE	-0.00277	-5.383E-05	0.00498
559	1.92728	LIVE	-0.00277	-9.279E-05	0.00399
559	2.4091	LIVE	-0.00277	-0.00013	0.003
559	2.89092	LIVE	-0.00277	-0.00017	0.00202
559	3.37274	LIVE	-0.00277	-0.00021	0.00103
559	3.85456	LIVE	-0.00277	-0.00025	4.078E-05
559	4.33638	LIVE	-0.00277	-0.00029	-0.00095
559	4.8182	LIVE	-0.00277	-0.00033	-0.00193
559	5.30002	LIVE	-0.00277	-0.00037	-0.00292
559	0.	WB	0.01579	0.12069	0.0126
559	0.48182	WB	0.01579	0.06862	0.01067
559	0.96364	WB	0.01579	0.02584	0.00874
559	1.44546	WB	0.01579	-0.00765	0.00681
559	1.92728	WB	0.01579	-0.03184	0.00489
559	2.4091	WB	0.01579	-0.04674	0.00296
559	2.89092	WB	0.01579	-0.05234	0.00103
559	3.37274	WB	0.01579	-0.04865	-0.00089
559	3.85456	WB	0.01579	-0.03566	-0.00282
559	4.33638	WB	0.01579	-0.01338	-0.00475
559	4.8182	WB	0.01579	0.01819	-0.00668
559	5.30002	WB	0.01579	0.05906	-0.0086
559	0.	WS	0.02983	0.1597	0.01
559	0.48182	WS	0.02983	0.10045	0.0082

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
559	0.96364	WS	0.02983	0.05049	0.0064
559	1.44546	WS	0.02983	0.00983	0.00461
559	1.92728	WS	0.02983	-0.02154	0.00281
559	2.4091	WS	0.02983	-0.04361	0.00101
559	2.89092	WS	0.02983	-0.05639	-0.00078
559	3.37274	WS	0.02983	-0.05988	-0.00258
559	3.85456	WS	0.02983	-0.05407	-0.00438
559	4.33638	WS	0.02983	-0.03897	-0.00617
559	4.8182	WS	0.02983	-0.01457	-0.00797
559	5.30002	WS	0.02983	0.01912	-0.00976
560	0.	DEAD	-0.00136	0.01217	-0.04521
560	0.48636	DEAD	-0.00136	0.00978	-0.02412
560	0.97273	DEAD	-0.00136	0.00738	-0.0072
560	1.45909	DEAD	-0.00136	0.00499	0.00556
560	1.94545	DEAD	-0.00136	0.00259	0.01416
560	2.43182	DEAD	-0.00136	0.0002	0.01858
560	2.91818	DEAD	-0.00136	-0.0022	0.01884
560	3.40455	DEAD	-0.00136	-0.00459	0.01494
560	3.89091	DEAD	-0.00136	-0.00698	0.00686
560	4.37727	DEAD	-0.00136	-0.00938	-0.00537
560	4.86364	DEAD	-0.00136	-0.01177	-0.02178
560	5.35	DEAD	-0.00136	-0.01417	-0.04235
560	0.	LIVE	-0.00044	0.00403	-0.00043
560	0.48636	LIVE	-0.00044	0.00324	-0.00045
560	0.97273	LIVE	-0.00044	0.00244	-0.00047
560	1.45909	LIVE	-0.00044	0.00165	-0.00049
560	1.94545	LIVE	-0.00044	0.00086	-0.00051
560	2.43182	LIVE	-0.00044	6.279E-05	-0.00053
560	2.91818	LIVE	-0.00044	-0.00073	-0.00055
560	3.40455	LIVE	-0.00044	-0.00152	-0.00057
560	3.89091	LIVE	-0.00044	-0.00232	-0.00059
560	4.37727	LIVE	-0.00044	-0.00311	-0.00062
560	4.86364	LIVE	-0.00044	-0.00391	-0.00064
560	5.35	LIVE	-0.00044	-0.0047	-0.00066
560	0.	WB	-0.00237	0.11188	-0.00059
560	0.48636	WB	-0.00237	0.06078	-0.00057
560	0.97273	WB	-0.00237	0.01916	-0.00055
560	1.45909	WB	-0.00237	-0.013	-0.00052
560	1.94545	WB	-0.00237	-0.03568	-0.0005
560	2.43182	WB	-0.00237	-0.04889	-0.00047
560	2.91818	WB	-0.00237	-0.05264	-0.00045
560	3.40455	WB	-0.00237	-0.04691	-0.00042
560	3.89091	WB	-0.00237	-0.03171	-0.0004
560	4.37727	WB	-0.00237	-0.00704	-0.00037
560	4.86364	WB	-0.00237	0.0271	-0.00035
560	5.35	WB	-0.00237	0.07071	-0.00032
560	0.	WS	-0.00355	0.11604	-0.00135
560	0.48636	WS	-0.00355	0.06399	-0.00112
560	0.97273	WS	-0.00355	0.02141	-0.00088
560	1.45909	WS	-0.00355	-0.01169	-0.00065
560	1.94545	WS	-0.00355	-0.03533	-0.00042
560	2.43182	WS	-0.00355	-0.0495	-0.00018
560	2.91818	WS	-0.00355	-0.05419	4.953E-05
560	3.40455	WS	-0.00355	-0.04942	0.00028

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
560	3.89091	WS	-0.00355	-0.03517	0.00052
560	4.37727	WS	-0.00355	-0.01146	0.00075
560	4.86364	WS	-0.00355	0.02173	0.00098
560	5.35	WS	-0.00355	0.06438	0.00122
561	0.	DEAD	0.00984	-0.01469	-0.04889
561	0.48637	DEAD	0.00984	-0.01212	-0.02549
561	0.97273	DEAD	0.00984	-0.00954	-0.00625
561	1.4591	DEAD	0.00984	-0.00697	0.00882
561	1.94546	DEAD	0.00984	-0.00439	0.01973
561	2.43183	DEAD	0.00984	-0.00182	0.02647
561	2.91819	DEAD	0.00984	0.00076	0.02904
561	3.40456	DEAD	0.00984	0.00333	0.02745
561	3.89092	DEAD	0.00984	0.00591	0.02169
561	4.37729	DEAD	0.00984	0.00848	0.01176
561	4.86365	DEAD	0.00984	0.01106	-0.00233
561	5.35002	DEAD	0.00984	0.01363	-0.02059
561	0.	LIVE	0.00329	-0.00404	-0.00162
561	0.48637	LIVE	0.00329	-0.00333	-0.00092
561	0.97273	LIVE	0.00329	-0.00262	-0.00021
561	1.4591	LIVE	0.00329	-0.00191	0.0005
561	1.94546	LIVE	0.00329	-0.0012	0.0012
561	2.43183	LIVE	0.00329	-0.00049	0.00191
561	2.91819	LIVE	0.00329	0.00022	0.00261
561	3.40456	LIVE	0.00329	0.00092	0.00332
561	3.89092	LIVE	0.00329	0.00163	0.00403
561	4.37729	LIVE	0.00329	0.00234	0.00473
561	4.86365	LIVE	0.00329	0.00305	0.00544
561	5.35002	LIVE	0.00329	0.00376	0.00614
561	0.	WB	-0.01296	0.05176	-0.00242
561	0.48637	WB	-0.01296	0.01227	-0.00146
561	0.97273	WB	-0.01296	-0.01775	-0.00049
561	1.4591	WB	-0.01296	-0.0383	0.00047
561	1.94546	WB	-0.01296	-0.04938	0.00143
561	2.43183	WB	-0.01296	-0.05099	0.00239
561	2.91819	WB	-0.01296	-0.04313	0.00335
561	3.40456	WB	-0.01296	-0.0258	0.00431
561	3.89092	WB	-0.01296	0.001	0.00528
561	4.37729	WB	-0.01296	0.03727	0.00624
561	4.86365	WB	-0.01296	0.08302	0.0072
561	5.35002	WB	-0.01296	0.13823	0.00816
561	0.	WS	-0.02541	0.01018	-0.00124
561	0.48637	WS	-0.02541	-0.02186	-0.00077
561	0.97273	WS	-0.02541	-0.04442	-0.00031
561	1.4591	WS	-0.02541	-0.05752	0.00016
561	1.94546	WS	-0.02541	-0.06114	0.00063
561	2.43183	WS	-0.02541	-0.0553	0.0011
561	2.91819	WS	-0.02541	-0.03998	0.00156
561	3.40456	WS	-0.02541	-0.01519	0.00203
561	3.89092	WS	-0.02541	0.01907	0.0025
561	4.37729	WS	-0.02541	0.06279	0.00296
561	4.86365	WS	-0.02541	0.11599	0.00343
561	5.35002	WS	-0.02541	0.17866	0.0039
562	0.	DEAD	0.04188	0.02358	-0.07205
562	0.44375	DEAD	0.04188	0.01772	-0.04616

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
562	0.8875	DEAD	0.04188	0.01185	-0.02374
562	1.33125	DEAD	0.04188	0.00599	-0.00478
562	1.775	DEAD	0.04188	0.00013	0.01071
562	2.21875	DEAD	0.04188	-0.00574	0.02273
562	2.6625	DEAD	0.04188	-0.0116	0.03128
562	3.10625	DEAD	0.04188	-0.01747	0.03636
562	3.55	DEAD	0.04188	-0.02333	0.03798
562	0.	LIVE	0.01306	0.00759	-0.01542
562	0.44375	LIVE	0.01306	0.00568	-0.01154
562	0.8875	LIVE	0.01306	0.00377	-0.00766
562	1.33125	LIVE	0.01306	0.00186	-0.00378
562	1.775	LIVE	0.01306	-5.089E-05	0.0001
562	2.21875	LIVE	0.01306	-0.00196	0.00398
562	2.6625	LIVE	0.01306	-0.00387	0.00786
562	3.10625	LIVE	0.01306	-0.00578	0.01174
562	3.55	LIVE	0.01306	-0.00769	0.01562
562	0.	WB	-0.00761	0.01239	-0.02341
562	0.44375	WB	-0.00761	-0.00759	-0.01687
562	0.8875	WB	-0.00761	-0.0197	-0.01033
562	1.33125	WB	-0.00761	-0.02392	-0.00378
562	1.775	WB	-0.00761	-0.02025	0.00276
562	2.21875	WB	-0.00761	-0.00871	0.0093
562	2.6625	WB	-0.00761	0.01072	0.01584
562	3.10625	WB	-0.00761	0.03804	0.02238
562	3.55	WB	-0.00761	0.07324	0.02893
562	0.	WS	-0.0229	-0.02112	-0.01265
562	0.44375	WS	-0.0229	-0.03239	-0.00871
562	0.8875	WS	-0.0229	-0.03578	-0.00477
562	1.33125	WS	-0.0229	-0.03129	-0.00082
562	1.775	WS	-0.0229	-0.01891	0.00312
562	2.21875	WS	-0.0229	0.00135	0.00706
562	2.6625	WS	-0.0229	0.02949	0.011
562	3.10625	WS	-0.0229	0.06552	0.01494
562	3.55	WS	-0.0229	0.10943	0.01888
563	0.	DEAD	0.01506	0.02269	3.83488
563	0.9	DEAD	0.01506	-0.06213	2.44022
563	0.9	DEAD	0.00345	-0.06714	2.43897
563	1.7	DEAD	0.00345	-0.02306	1.19882
563	3.4	DEAD	0.00345	0.07061	-1.43651
563	0.	LIVE	0.00376	0.0075	1.2169
563	0.9	LIVE	0.00376	-0.01911	0.77161
563	0.9	LIVE	0.00066	-0.01976	0.77128
563	1.7	LIVE	0.00066	-0.0073	0.37534
563	3.4	LIVE	0.00066	0.01916	-0.46603
563	0.	WB	0.0092	-0.00704	-0.77501
563	0.9	WB	0.0092	-0.00018	-0.15931
563	0.9	WB	-0.02073	-0.00418	-0.17077
563	1.7	WB	-0.02073	0.00113	0.58045
563	3.4	WB	-0.02073	0.01242	2.29281
563	0.	WS	0.01541	-0.01366	-1.81485
563	0.9	WS	0.01541	-0.00069	-0.46961
563	0.9	WS	-0.03759	-0.00555	-0.49263
563	1.7	WS	-0.03759	0.00118	0.9013
563	3.4	WS	-0.03759	0.01548	3.97943

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
564	0.	DEAD	0.06256	0.0318	0.04418
564	0.44375	DEAD	0.06256	0.02466	0.04139
564	0.8875	DEAD	0.06256	0.01752	0.03513
564	1.33125	DEAD	0.06256	0.01038	0.02541
564	1.775	DEAD	0.06256	0.00324	0.01222
564	2.21875	DEAD	0.06256	-0.0039	-0.00444
564	2.6625	DEAD	0.06256	-0.01103	-0.02457
564	3.10625	DEAD	0.06256	-0.01817	-0.04817
564	3.55	DEAD	0.06256	-0.02531	-0.07523
564	0.	LIVE	0.01986	0.00887	0.02054
564	0.44375	LIVE	0.01986	0.00688	0.01567
564	0.8875	LIVE	0.01986	0.00489	0.01079
564	1.33125	LIVE	0.01986	0.00291	0.00592
564	1.775	LIVE	0.01986	0.00092	0.00104
564	2.21875	LIVE	0.01986	-0.00107	-0.00383
564	2.6625	LIVE	0.01986	-0.00305	-0.00871
564	3.10625	LIVE	0.01986	-0.00504	-0.01358
564	3.55	LIVE	0.01986	-0.00703	-0.01845
564	0.	WB	0.01692	0.08339	-0.01241
564	0.44375	WB	0.01692	0.0456	-0.00978
564	0.8875	WB	0.01692	0.01569	-0.00715
564	1.33125	WB	0.01692	-0.00634	-0.00452
564	1.775	WB	0.01692	-0.02048	-0.00188
564	2.21875	WB	0.01692	-0.02674	0.00075
564	2.6625	WB	0.01692	-0.02512	0.00338
564	3.10625	WB	0.01692	-0.01561	0.00601
564	3.55	WB	0.01692	0.00178	0.00864
564	0.	WS	0.02232	0.10612	-0.01488
564	0.44375	WS	0.02232	0.0627	-0.01161
564	0.8875	WS	0.02232	0.02716	-0.00834
564	1.33125	WS	0.02232	-0.0005	-0.00507
564	1.775	WS	0.02232	-0.02026	-0.00179
564	2.21875	WS	0.02232	-0.03215	0.00148
564	2.6625	WS	0.02232	-0.03615	0.00475
564	3.10625	WS	0.02232	-0.03227	0.00802
564	3.55	WS	0.02232	-0.02051	0.01129
565	0.	DEAD	0.01795	0.02201	-0.01764
565	0.48182	DEAD	0.01795	0.01813	-0.0004
565	0.96364	DEAD	0.01795	0.01426	0.01275
565	1.44545	DEAD	0.01795	0.01038	0.02181
565	1.92727	DEAD	0.01795	0.0065	0.02678
565	2.40909	DEAD	0.01795	0.00263	0.02766
565	2.89091	DEAD	0.01795	-0.00125	0.02445
565	3.37273	DEAD	0.01795	-0.00513	0.01715
565	3.85455	DEAD	0.01795	-0.009	0.00577
565	4.33636	DEAD	0.01795	-0.01288	-0.0097
565	4.81818	DEAD	0.01795	-0.01676	-0.02927
565	5.3	DEAD	0.01795	-0.02063	-0.05292
565	0.	LIVE	0.00544	0.00624	0.00768
565	0.48182	LIVE	0.00544	0.00514	0.00662
565	0.96364	LIVE	0.00544	0.00404	0.00556
565	1.44545	LIVE	0.00544	0.00294	0.0045
565	1.92727	LIVE	0.00544	0.00184	0.00344
565	2.40909	LIVE	0.00544	0.00074	0.00238

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
565	2.89091	LIVE	0.00544	-0.00035	0.00132
565	3.37273	LIVE	0.00544	-0.00145	0.00026
565	3.85455	LIVE	0.00544	-0.00255	-0.0008
565	4.33636	LIVE	0.00544	-0.00365	-0.00186
565	4.81818	LIVE	0.00544	-0.00475	-0.00292
565	5.3	LIVE	0.00544	-0.00585	-0.00398
565	0.	WB	0.01384	0.13278	-0.00334
565	0.48182	WB	0.01384	0.07897	-0.00281
565	0.96364	WB	0.01384	0.03447	-0.00229
565	1.44545	WB	0.01384	-0.00075	-0.00176
565	1.92727	WB	0.01384	-0.02666	-0.00124
565	2.40909	WB	0.01384	-0.04329	-0.00071
565	2.89091	WB	0.01384	-0.05062	-0.00019
565	3.37273	WB	0.01384	-0.04865	0.00034
565	3.85455	WB	0.01384	-0.03739	0.00086
565	4.33636	WB	0.01384	-0.01684	0.00139
565	4.81818	WB	0.01384	0.01301	0.00191
565	5.3	WB	0.01384	0.05215	0.00244
565	0.	WS	0.02285	0.16738	-0.00503
565	0.48182	WS	0.02285	0.10715	-0.00428
565	0.96364	WS	0.02285	0.05622	-0.00352
565	1.44545	WS	0.02285	0.01457	-0.00277
565	1.92727	WS	0.02285	-0.01777	-0.00202
565	2.40909	WS	0.02285	-0.04083	-0.00127
565	2.89091	WS	0.02285	-0.05459	-0.00052
565	3.37273	WS	0.02285	-0.05905	0.00023
565	3.85455	WS	0.02285	-0.05422	0.00098
565	4.33636	WS	0.02285	-0.0401	0.00173
565	4.81818	WS	0.02285	-0.01668	0.00249
565	5.3	WS	0.02285	0.01603	0.00324
566	0.	DEAD	0.012	0.01667	-0.03822
566	0.48636	DEAD	0.012	0.01381	-0.01819
566	0.97273	DEAD	0.012	0.01095	-0.00233
566	1.45909	DEAD	0.012	0.00809	0.00937
566	1.94545	DEAD	0.012	0.00523	0.0169
566	2.43182	DEAD	0.012	0.00237	0.02026
566	2.91818	DEAD	0.012	-0.00049	0.01946
566	3.40455	DEAD	0.012	-0.00335	0.01449
566	3.89091	DEAD	0.012	-0.00621	0.00535
566	4.37727	DEAD	0.012	-0.00907	-0.00795
566	4.86364	DEAD	0.012	-0.01193	-0.02542
566	5.35	DEAD	0.012	-0.01478	-0.04705
566	0.	LIVE	0.00371	0.00481	0.00139
566	0.48636	LIVE	0.00371	0.00399	0.00111
566	0.97273	LIVE	0.00371	0.00317	0.00083
566	1.45909	LIVE	0.00371	0.00235	0.00055
566	1.94545	LIVE	0.00371	0.00152	0.00027
566	2.43182	LIVE	0.00371	0.0007	-9.711E-06
566	2.91818	LIVE	0.00371	-0.00012	-0.00029
566	3.40455	LIVE	0.00371	-0.00094	-0.00057
566	3.89091	LIVE	0.00371	-0.00177	-0.00085
566	4.37727	LIVE	0.00371	-0.00259	-0.00113
566	4.86364	LIVE	0.00371	-0.00341	-0.00141
566	5.35	LIVE	0.00371	-0.00423	-0.00169

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
566	0.	WB	0.00354	0.10644	-0.00054
566	0.48636	WB	0.00354	0.05677	-0.0005
566	0.97273	WB	0.00354	0.01658	-0.00046
566	1.45909	WB	0.00354	-0.01415	-0.00042
566	1.94545	WB	0.00354	-0.0354	-0.00038
566	2.43182	WB	0.00354	-0.04718	-0.00035
566	2.91818	WB	0.00354	-0.0495	-0.00031
566	3.40455	WB	0.00354	-0.04234	-0.00027
566	3.89091	WB	0.00354	-0.02571	-0.00023
566	4.37727	WB	0.00354	0.00039	-0.00019
566	4.86364	WB	0.00354	0.03596	-0.00016
566	5.35	WB	0.00354	0.081	-0.00012
566	0.	WS	0.00489	0.10906	-0.00044
566	0.48636	WS	0.00489	0.0586	-0.00041
566	0.97273	WS	0.00489	0.01761	-0.00038
566	1.45909	WS	0.00489	-0.0139	-0.00035
566	1.94545	WS	0.00489	-0.03595	-0.00032
566	2.43182	WS	0.00489	-0.04853	-0.00029
566	2.91818	WS	0.00489	-0.05163	-0.00026
566	3.40455	WS	0.00489	-0.04527	-0.00023
566	3.89091	WS	0.00489	-0.02943	-0.0002
566	4.37727	WS	0.00489	-0.00413	-0.00017
566	4.86364	WS	0.00489	0.03065	-0.00014
566	5.35	WS	0.00489	0.07489	-0.00011
567	0.	DEAD	-0.02769	-0.03058	-0.04848
567	0.48636	DEAD	-0.02769	-0.02499	-0.02514
567	0.97273	DEAD	-0.02769	-0.0194	-0.00597
567	1.45909	DEAD	-0.02769	-0.01381	0.00903
567	1.94545	DEAD	-0.02769	-0.00822	0.01987
567	2.43182	DEAD	-0.02769	-0.00263	0.02654
567	2.91818	DEAD	-0.02769	0.00296	0.02904
567	3.40455	DEAD	-0.02769	0.00855	0.02738
567	3.89091	DEAD	-0.02769	0.01413	0.02155
567	4.37727	DEAD	-0.02769	0.01972	0.01156
567	4.86364	DEAD	-0.02769	0.02531	-0.0026
567	5.35	DEAD	-0.02769	0.0309	-0.02093
567	0.	LIVE	-0.00893	-0.00978	-0.00192
567	0.48636	LIVE	-0.00893	-0.008	-0.00116
567	0.97273	LIVE	-0.00893	-0.00621	-0.0004
567	1.45909	LIVE	-0.00893	-0.00443	0.00036
567	1.94545	LIVE	-0.00893	-0.00264	0.00111
567	2.43182	LIVE	-0.00893	-0.00085	0.00187
567	2.91818	LIVE	-0.00893	0.00093	0.00263
567	3.40455	LIVE	-0.00893	0.00272	0.00339
567	3.89091	LIVE	-0.00893	0.00451	0.00415
567	4.37727	LIVE	-0.00893	0.00629	0.00491
567	4.86364	LIVE	-0.00893	0.00808	0.00567
567	5.35	LIVE	-0.00893	0.00986	0.00643
567	0.	WB	-0.0172	0.03929	0.00152
567	0.48636	WB	-0.0172	0.00178	0.0012
567	0.97273	WB	-0.0172	-0.02626	0.00087
567	1.45909	WB	-0.0172	-0.04483	0.00055
567	1.94545	WB	-0.0172	-0.05394	0.00023
567	2.43182	WB	-0.0172	-0.05357	-9.755E-05

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
567	2.91818	WB	-0.0172	-0.04373	-0.00042
567	3.40455	WB	-0.0172	-0.02441	-0.00075
567	3.89091	WB	-0.0172	0.00437	-0.00107
567	4.37727	WB	-0.0172	0.04262	-0.00139
567	4.86364	WB	-0.0172	0.09034	-0.00172
567	5.35	WB	-0.0172	0.14753	-0.00204
567	0.	WS	-0.02716	0.00025	0.0023
567	0.48636	WS	-0.02716	-0.03033	0.00176
567	0.97273	WS	-0.02716	-0.05144	0.00122
567	1.45909	WS	-0.02716	-0.06308	0.00068
567	1.94545	WS	-0.02716	-0.06525	0.00014
567	2.43182	WS	-0.02716	-0.05795	-0.0004
567	2.91818	WS	-0.02716	-0.04118	-0.00094
567	3.40455	WS	-0.02716	-0.01493	-0.00148
567	3.89091	WS	-0.02716	0.02078	-0.00202
567	4.37727	WS	-0.02716	0.06596	-0.00256
567	4.86364	WS	-0.02716	0.12062	-0.0031
567	5.35	WS	-0.02716	0.18474	-0.00364
568	0.	DEAD	-0.06533	-0.0182	-0.07449
568	0.44375	DEAD	-0.06533	-0.01342	-0.04769
568	0.8875	DEAD	-0.06533	-0.00865	-0.02437
568	1.33125	DEAD	-0.06533	-0.00387	-0.00451
568	1.775	DEAD	-0.06533	0.00091	0.01187
568	2.21875	DEAD	-0.06533	0.00568	0.02479
568	2.6625	DEAD	-0.06533	0.01046	0.03425
568	3.10625	DEAD	-0.06533	0.01523	0.04023
568	3.55	DEAD	-0.06533	0.02001	0.04274
568	0.	LIVE	-0.02002	-0.00566	-0.01708
568	0.44375	LIVE	-0.02002	-0.00414	-0.01264
568	0.8875	LIVE	-0.02002	-0.00261	-0.00819
568	1.33125	LIVE	-0.02002	-0.00109	-0.00375
568	1.775	LIVE	-0.02002	0.00043	0.0007
568	2.21875	LIVE	-0.02002	0.00195	0.00514
568	2.6625	LIVE	-0.02002	0.00347	0.00958
568	3.10625	LIVE	-0.02002	0.005	0.01403
568	3.55	LIVE	-0.02002	0.00652	0.01847
568	0.	WB	-0.0174	0.00211	0.00653
568	0.44375	WB	-0.0174	-0.01533	0.0044
568	0.8875	WB	-0.0174	-0.02488	0.00227
568	1.33125	WB	-0.0174	-0.02654	0.00015
568	1.775	WB	-0.0174	-0.02033	-0.00198
568	2.21875	WB	-0.0174	-0.00623	-0.00411
568	2.6625	WB	-0.0174	0.01576	-0.00623
568	3.10625	WB	-0.0174	0.04563	-0.00836
568	3.55	WB	-0.0174	0.08338	-0.01049
568	0.	WS	-0.02321	-0.02207	0.00906
568	0.44375	WS	-0.02321	-0.0334	0.00632
568	0.8875	WS	-0.02321	-0.03684	0.00357
568	1.33125	WS	-0.02321	-0.0324	0.00082
568	1.775	WS	-0.02321	-0.02008	-0.00193
568	2.21875	WS	-0.02321	0.00013	-0.00467
568	2.6625	WS	-0.02321	0.02822	-0.00742
568	3.10625	WS	-0.02321	0.0642	-0.01017
568	3.55	WS	-0.02321	0.10805	-0.01291

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
569	0.	DEAD	0.0121	-0.02816	-0.06015
569	0.44375	DEAD	0.0121	-0.02053	-0.03895
569	0.8875	DEAD	0.0121	-0.0129	-0.02121
569	1.33125	DEAD	0.0121	-0.00527	-0.00694
569	1.775	DEAD	0.0121	0.00236	0.00386
569	2.21875	DEAD	0.0121	0.00998	0.01119
569	2.6625	DEAD	0.0121	0.01761	0.01505
569	3.10625	DEAD	0.0121	0.02524	0.01544
569	3.55	DEAD	0.0121	0.03287	0.01237
569	0.	LIVE	0.00381	-0.0098	-0.01127
569	0.44375	LIVE	0.00381	-0.00718	-0.00882
569	0.8875	LIVE	0.00381	-0.00457	-0.00637
569	1.33125	LIVE	0.00381	-0.00196	-0.00392
569	1.775	LIVE	0.00381	0.00066	-0.00147
569	2.21875	LIVE	0.00381	0.00327	0.00098
569	2.6625	LIVE	0.00381	0.00589	0.00343
569	3.10625	LIVE	0.00381	0.0085	0.00588
569	3.55	LIVE	0.00381	0.01111	0.00833
569	0.	WB	0.01532	0.05371	-0.01096
569	0.44375	WB	0.01532	0.02355	-0.00849
569	0.8875	WB	0.01532	0.00127	-0.00602
569	1.33125	WB	0.01532	-0.01312	-0.00355
569	1.775	WB	0.01532	-0.01963	-0.00108
569	2.21875	WB	0.01532	-0.01826	0.00139
569	2.6625	WB	0.01532	-0.009	0.00386
569	3.10625	WB	0.01532	0.00814	0.00633
569	3.55	WB	0.01532	0.03317	0.0088
569	0.	WS	0.02395	0.06564	-0.014
569	0.44375	WS	0.02395	0.03268	-0.01089
569	0.8875	WS	0.02395	0.00761	-0.00778
569	1.33125	WS	0.02395	-0.00957	-0.00467
569	1.775	WS	0.02395	-0.01887	-0.00155
569	2.21875	WS	0.02395	-0.02029	0.00156
569	2.6625	WS	0.02395	-0.01383	0.00467
569	3.10625	WS	0.02395	0.00052	0.00778
569	3.55	WS	0.02395	0.02276	0.0109
570	0.	DEAD	0.00728	0.00801	-0.05101
570	0.48182	DEAD	0.00728	0.00676	-0.02912
570	0.96364	DEAD	0.00728	0.0055	-0.01132
570	1.44545	DEAD	0.00728	0.00425	0.00239
570	1.92727	DEAD	0.00728	0.003	0.01201
570	2.40909	DEAD	0.00728	0.00175	0.01754
570	2.89091	DEAD	0.00728	0.00049	0.01898
570	3.37273	DEAD	0.00728	-0.00076	0.01634
570	3.85455	DEAD	0.00728	-0.00201	0.00961
570	4.33636	DEAD	0.00728	-0.00326	-0.00122
570	4.81818	DEAD	0.00728	-0.00452	-0.01613
570	5.3	DEAD	0.00728	-0.00577	-0.03513
570	0.	LIVE	0.00218	0.00221	-0.00254
570	0.48182	LIVE	0.00218	0.00187	-0.00218
570	0.96364	LIVE	0.00218	0.00153	-0.00181
570	1.44545	LIVE	0.00218	0.00119	-0.00145
570	1.92727	LIVE	0.00218	0.00085	-0.00109
570	2.40909	LIVE	0.00218	0.00051	-0.00072

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
570	2.89091	LIVE	0.00218	0.00018	-0.00036
570	3.37273	LIVE	0.00218	-0.00016	2.686E-06
570	3.85455	LIVE	0.00218	-0.0005	0.00037
570	4.33636	LIVE	0.00218	-0.00084	0.00073
570	4.81818	LIVE	0.00218	-0.00118	0.00109
570	5.3	LIVE	0.00218	-0.00151	0.00146
570	0.	WB	0.0158	0.11242	-0.00415
570	0.48182	WB	0.0158	0.06223	-0.00349
570	0.96364	WB	0.0158	0.02133	-0.00283
570	1.44545	WB	0.0158	-0.01027	-0.00218
570	1.92727	WB	0.0158	-0.03258	-0.00152
570	2.40909	WB	0.0158	-0.04559	-0.00086
570	2.89091	WB	0.0158	-0.04931	-0.00021
570	3.37273	WB	0.0158	-0.04374	0.00045
570	3.85455	WB	0.0158	-0.02887	0.00111
570	4.33636	WB	0.0158	-0.0047	0.00176
570	4.81818	WB	0.0158	0.02876	0.00242
570	5.3	WB	0.0158	0.07151	0.00308
570	0.	WS	0.02883	0.13344	-0.00516
570	0.48182	WS	0.02883	0.0793	-0.00435
570	0.96364	WS	0.02883	0.03446	-0.00353
570	1.44545	WS	0.02883	-0.00109	-0.00272
570	1.92727	WS	0.02883	-0.02735	-0.0019
570	2.40909	WS	0.02883	-0.04431	-0.00108
570	2.89091	WS	0.02883	-0.05198	-0.00027
570	3.37273	WS	0.02883	-0.05035	0.00055
570	3.85455	WS	0.02883	-0.03943	0.00136
570	4.33636	WS	0.02883	-0.01922	0.00218
570	4.81818	WS	0.02883	0.01029	0.00299
570	5.3	WS	0.02883	0.04909	0.00381
571	0.	DEAD	0.00603	0.00584	-0.04014
571	0.48636	DEAD	0.00603	0.00486	-0.01987
571	0.97273	DEAD	0.00603	0.00387	-0.00377
571	1.45909	DEAD	0.00603	0.00289	0.00816
571	1.94545	DEAD	0.00603	0.00191	0.01593
571	2.43182	DEAD	0.00603	0.00092	0.01954
571	2.91818	DEAD	0.00603	-6.042E-05	0.01897
571	3.40455	DEAD	0.00603	-0.00104	0.01424
571	3.89091	DEAD	0.00603	-0.00203	0.00535
571	4.37727	DEAD	0.00603	-0.00301	-0.00772
571	4.86364	DEAD	0.00603	-0.004	-0.02495
571	5.35	DEAD	0.00603	-0.00498	-0.04634
571	0.	LIVE	0.00185	0.00159	0.00081
571	0.48636	LIVE	0.00185	0.00133	0.0006
571	0.97273	LIVE	0.00185	0.00106	0.0004
571	1.45909	LIVE	0.00185	0.0008	0.00019
571	1.94545	LIVE	0.00185	0.00053	-1.162E-05
571	2.43182	LIVE	0.00185	0.00027	-0.00022
571	2.91818	LIVE	0.00185	4.201E-06	-0.00042
571	3.40455	LIVE	0.00185	-0.00026	-0.00063
571	3.89091	LIVE	0.00185	-0.00053	-0.00083
571	4.37727	LIVE	0.00185	-0.00079	-0.00104
571	4.86364	LIVE	0.00185	-0.00105	-0.00124
571	5.35	LIVE	0.00185	-0.00132	-0.00145

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
571	0.	WB	0.00433	0.10143	-0.00092
571	0.48636	WB	0.00433	0.0526	-0.00083
571	0.97273	WB	0.00433	0.01325	-0.00074
571	1.45909	WB	0.00433	-0.01664	-0.00065
571	1.94545	WB	0.00433	-0.03706	-0.00056
571	2.43182	WB	0.00433	-0.048	-0.00046
571	2.91818	WB	0.00433	-0.04948	-0.00037
571	3.40455	WB	0.00433	-0.04148	-0.00028
571	3.89091	WB	0.00433	-0.02402	-0.00019
571	4.37727	WB	0.00433	0.00292	-9.693E-05
571	4.86364	WB	0.00433	0.03933	-5.300E-06
571	5.35	WB	0.00433	0.08521	8.633E-05
571	0.	WS	0.00581	0.10209	-0.00104
571	0.48636	WS	0.00581	0.05278	-0.00095
571	0.97273	WS	0.00581	0.01294	-0.00086
571	1.45909	WS	0.00581	-0.01743	-0.00077
571	1.94545	WS	0.00581	-0.03833	-0.00067
571	2.43182	WS	0.00581	-0.04976	-0.00058
571	2.91818	WS	0.00581	-0.05171	-0.00049
571	3.40455	WS	0.00581	-0.0442	-0.00039
571	3.89091	WS	0.00581	-0.02722	-0.0003
571	4.37727	WS	0.00581	-0.00077	-0.00021
571	4.86364	WS	0.00581	0.03516	-0.00012
571	5.35	WS	0.00581	0.08055	-2.314E-05
572	0.	DEAD	-0.01212	-0.00911	-0.0307
572	0.48636	DEAD	-0.01212	-0.00733	-0.01223
572	0.97273	DEAD	-0.01212	-0.00555	0.00207
572	1.45909	DEAD	-0.01212	-0.00377	0.0122
572	1.94545	DEAD	-0.01212	-0.00199	0.01817
572	2.43182	DEAD	-0.01212	-0.00021	0.01996
572	2.91818	DEAD	-0.01212	0.00157	0.0176
572	3.40455	DEAD	-0.01212	0.00335	0.01106
572	3.89091	DEAD	-0.01212	0.00513	0.00036
572	4.37727	DEAD	-0.01212	0.00691	-0.0145
572	4.86364	DEAD	-0.01212	0.00869	-0.03353
572	5.35	DEAD	-0.01212	0.01047	-0.05673
572	0.	LIVE	-0.00383	-0.00283	0.00348
572	0.48636	LIVE	-0.00383	-0.00228	0.00276
572	0.97273	LIVE	-0.00383	-0.00172	0.00203
572	1.45909	LIVE	-0.00383	-0.00117	0.0013
572	1.94545	LIVE	-0.00383	-0.00062	0.00058
572	2.43182	LIVE	-0.00383	-6.971E-05	-0.00015
572	2.91818	LIVE	-0.00383	0.00048	-0.00088
572	3.40455	LIVE	-0.00383	0.00103	-0.0016
572	3.89091	LIVE	-0.00383	0.00158	-0.00233
572	4.37727	LIVE	-0.00383	0.00214	-0.00306
572	4.86364	LIVE	-0.00383	0.00269	-0.00378
572	5.35	LIVE	-0.00383	0.00324	-0.00451
572	0.	WB	-0.02015	0.06297	0.00178
572	0.48636	WB	-0.02015	0.02105	0.00137
572	0.97273	WB	-0.02015	-0.01139	0.00097
572	1.45909	WB	-0.02015	-0.03437	0.00057
572	1.94545	WB	-0.02015	-0.04788	0.00017
572	2.43182	WB	-0.02015	-0.05191	-0.00023

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
572	2.91818	WB	-0.02015	-0.04648	-0.00063
572	3.40455	WB	-0.02015	-0.03158	-0.00104
572	3.89091	WB	-0.02015	-0.0072	-0.00144
572	4.37727	WB	-0.02015	0.02664	-0.00184
572	4.86364	WB	-0.02015	0.06996	-0.00224
572	5.35	WB	-0.02015	0.12275	-0.00264
572	0.	WS	-0.03413	0.03854	0.00244
572	0.48636	WS	-0.03413	0.0009	0.00189
572	0.97273	WS	-0.03413	-0.02727	0.00134
572	1.45909	WS	-0.03413	-0.04598	0.0008
572	1.94545	WS	-0.03413	-0.0552	0.00025
572	2.43182	WS	-0.03413	-0.05496	-0.00029
572	2.91818	WS	-0.03413	-0.04525	-0.00084
572	3.40455	WS	-0.03413	-0.02607	-0.00139
572	3.89091	WS	-0.03413	0.00258	-0.00193
572	4.37727	WS	-0.03413	0.04071	-0.00248
572	4.86364	WS	-0.03413	0.0883	-0.00302
572	5.35	WS	-0.03413	0.14536	-0.00357
573	0.	DEAD	-0.01324	0.03995	0.01989
573	0.44375	DEAD	-0.01324	0.03007	0.02111
573	0.8875	DEAD	-0.01324	0.02019	0.01886
573	1.33125	DEAD	-0.01324	0.01031	0.01314
573	1.775	DEAD	-0.01324	0.00042	0.00395
573	2.21875	DEAD	-0.01324	-0.00946	-0.0087
573	2.6625	DEAD	-0.01324	-0.01934	-0.02483
573	3.10625	DEAD	-0.01324	-0.02923	-0.04442
573	3.55	DEAD	-0.01324	-0.03911	-0.06748
573	0.	LIVE	-0.00397	0.01232	0.01135
573	0.44375	LIVE	-0.00397	0.0093	0.00814
573	0.8875	LIVE	-0.00397	0.00628	0.00494
573	1.33125	LIVE	-0.00397	0.00326	0.00173
573	1.775	LIVE	-0.00397	0.00024	-0.00147
573	2.21875	LIVE	-0.00397	-0.00279	-0.00468
573	2.6625	LIVE	-0.00397	-0.00581	-0.00788
573	3.10625	LIVE	-0.00397	-0.00883	-0.01109
573	3.55	LIVE	-0.00397	-0.01185	-0.0143
573	0.	WB	-0.01589	0.03437	0.00627
573	0.44375	WB	-0.01589	0.00913	0.00445
573	0.8875	WB	-0.01589	-0.00823	0.00264
573	1.33125	WB	-0.01589	-0.0177	0.00082
573	1.775	WB	-0.01589	-0.01929	-0.00099
573	2.21875	WB	-0.01589	-0.01299	-0.00281
573	2.6625	WB	-0.01589	0.00119	-0.00463
573	3.10625	WB	-0.01589	0.02325	-0.00644
573	3.55	WB	-0.01589	0.0532	-0.00826
573	0.	WS	-0.02504	0.023	0.00822
573	0.44375	WS	-0.02504	0.00081	0.0058
573	0.8875	WS	-0.02504	-0.01349	0.00338
573	1.33125	WS	-0.02504	-0.01992	0.00096
573	1.775	WS	-0.02504	-0.01845	-0.00145
573	2.21875	WS	-0.02504	-0.00911	-0.00387
573	2.6625	WS	-0.02504	0.00812	-0.00629
573	3.10625	WS	-0.02504	0.03324	-0.00871
573	3.55	WS	-0.02504	0.06623	-0.01113

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
574	0.	DEAD	-0.00938	0.00462	-0.04488
574	0.44375	DEAD	-0.00938	0.00304	-0.02744
574	0.8875	DEAD	-0.00938	0.00145	-0.01347
574	1.33125	DEAD	-0.00938	-0.00014	-0.00297
574	1.775	DEAD	-0.00938	-0.00172	0.00406
574	2.21875	DEAD	-0.00938	-0.00331	0.00762
574	2.6625	DEAD	-0.00938	-0.0049	0.00772
574	3.10625	DEAD	-0.00938	-0.00648	0.00434
574	3.55	DEAD	-0.00938	-0.00807	-0.0025
574	0.	LIVE	-0.00299	0.00272	-0.00749
574	0.44375	LIVE	-0.00299	0.00193	-0.00587
574	0.8875	LIVE	-0.00299	0.00114	-0.00425
574	1.33125	LIVE	-0.00299	0.00036	-0.00263
574	1.775	LIVE	-0.00299	-0.00043	-0.001
574	2.21875	LIVE	-0.00299	-0.00122	0.00062
574	2.6625	LIVE	-0.00299	-0.00201	0.00224
574	3.10625	LIVE	-0.00299	-0.0028	0.00386
574	3.55	LIVE	-0.00299	-0.00359	0.00548
574	0.	WB	0.01282	0.04044	0.00939
574	0.44375	WB	0.01282	0.01555	0.00733
574	0.8875	WB	0.01282	-0.00147	0.00528
574	1.33125	WB	0.01282	-0.01059	0.00322
574	1.775	WB	0.01282	-0.01184	0.00116
574	2.21875	WB	0.01282	-0.0052	-0.00089
574	2.6625	WB	0.01282	0.00932	-0.00295
574	3.10625	WB	0.01282	0.03173	-0.005
574	3.55	WB	0.01282	0.06202	-0.00706
574	0.	WS	0.02346	0.05355	0.01877
574	0.44375	WS	0.02346	0.02564	0.01467
574	0.8875	WS	0.02346	0.00561	0.01056
574	1.33125	WS	0.02346	-0.00653	0.00646
574	1.775	WS	0.02346	-0.01079	0.00235
574	2.21875	WS	0.02346	-0.00717	-0.00175
574	2.6625	WS	0.02346	0.00434	-0.00586
574	3.10625	WS	0.02346	0.02373	-0.00996
574	3.55	WS	0.02346	0.05101	-0.01407
575	0.	DEAD	0.00192	0.00141	-0.16812
575	0.48182	DEAD	0.00192	0.00147	-0.12476
575	0.96364	DEAD	0.00192	0.00153	-0.08548
575	1.44546	DEAD	0.00192	0.00159	-0.0503
575	1.92728	DEAD	0.00192	0.00165	-0.0192
575	2.4091	DEAD	0.00192	0.00171	0.00781
575	2.89092	DEAD	0.00192	0.00177	0.03073
575	3.37274	DEAD	0.00192	0.00184	0.04956
575	3.85456	DEAD	0.00192	0.0019	0.0643
575	4.33638	DEAD	0.00192	0.00196	0.07496
575	4.8182	DEAD	0.00192	0.00202	0.08152
575	5.30002	DEAD	0.00192	0.00208	0.084
575	0.	LIVE	0.00053	0.00053	-0.00055
575	0.48182	LIVE	0.00053	0.00053	-0.00051
575	0.96364	LIVE	0.00053	0.00053	-0.00046
575	1.44546	LIVE	0.00053	0.00053	-0.00042
575	1.92728	LIVE	0.00053	0.00053	-0.00037
575	2.4091	LIVE	0.00053	0.00053	-0.00033

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
575	2.89092	LIVE	0.00053	0.00053	-0.00028
575	3.37274	LIVE	0.00053	0.00053	-0.00024
575	3.85456	LIVE	0.00053	0.00053	-0.00019
575	4.33638	LIVE	0.00053	0.00053	-0.00015
575	4.8182	LIVE	0.00053	0.00053	-0.0001
575	5.30002	LIVE	0.00053	0.00053	-5.692E-05
575	0.	WB	0.00963	0.37834	0.00186
575	0.48182	WB	0.00963	0.27958	0.00171
575	0.96364	WB	0.00963	0.19011	0.00156
575	1.44546	WB	0.00963	0.10994	0.00141
575	1.92728	WB	0.00963	0.03907	0.00127
575	2.4091	WB	0.00963	-0.02252	0.00112
575	2.89092	WB	0.00963	-0.0748	0.00097
575	3.37274	WB	0.00963	-0.1178	0.00082
575	3.85456	WB	0.00963	-0.15149	0.00067
575	4.33638	WB	0.00963	-0.1759	0.00052
575	4.8182	WB	0.00963	-0.19101	0.00037
575	5.30002	WB	0.00963	-0.19682	0.00022
575	0.	WS	0.01716	0.38581	0.00307
575	0.48182	WS	0.01716	0.28624	0.00281
575	0.96364	WS	0.01716	0.19596	0.00256
575	1.44546	WS	0.01716	0.11497	0.00231
575	1.92728	WS	0.01716	0.04328	0.00206
575	2.4091	WS	0.01716	-0.01912	0.00181
575	2.89092	WS	0.01716	-0.07222	0.00156
575	3.37274	WS	0.01716	-0.11603	0.00131
575	3.85456	WS	0.01716	-0.15054	0.00106
575	4.33638	WS	0.01716	-0.17576	0.00081
575	4.8182	WS	0.01716	-0.19168	0.00056
575	5.30002	WS	0.01716	-0.19831	0.00031
576	0.	DEAD	0.0017	0.00208	0.084
576	0.48636	DEAD	0.0017	0.00114	0.08207
576	0.97273	DEAD	0.0017	0.00021	0.07597
576	1.45909	DEAD	0.0017	-0.00073	0.0657
576	1.94545	DEAD	0.0017	-0.00166	0.05127
576	2.43182	DEAD	0.0017	-0.0026	0.03267
576	2.91818	DEAD	0.0017	-0.00353	0.00991
576	3.40455	DEAD	0.0017	-0.00447	-0.01702
576	3.89091	DEAD	0.0017	-0.0054	-0.04812
576	4.37727	DEAD	0.0017	-0.00634	-0.08338
576	4.86364	DEAD	0.0017	-0.00727	-0.12281
576	5.35	DEAD	0.0017	-0.00821	-0.16641
576	0.	LIVE	0.00053	0.00053	-5.551E-05
576	0.48636	LIVE	0.00053	0.00025	-8.878E-05
576	0.97273	LIVE	0.00053	-2.348E-05	-0.00012
576	1.45909	LIVE	0.00053	-0.0003	-0.00016
576	1.94545	LIVE	0.00053	-0.00058	-0.00019
576	2.43182	LIVE	0.00053	-0.00085	-0.00022
576	2.91818	LIVE	0.00053	-0.00113	-0.00026
576	3.40455	LIVE	0.00053	-0.0014	-0.00029
576	3.89091	LIVE	0.00053	-0.00168	-0.00032
576	4.37727	LIVE	0.00053	-0.00196	-0.00035
576	4.86364	LIVE	0.00053	-0.00223	-0.00039
576	5.35	LIVE	0.00053	-0.00251	-0.00042

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
576	0.	WB	0.00948	-0.19683	0.00025
576	0.48636	WB	0.00948	-0.19337	7.139E-05
576	0.97273	WB	0.00948	-0.18043	-0.00011
576	1.45909	WB	0.00948	-0.15803	-0.00028
576	1.94545	WB	0.00948	-0.12616	-0.00046
576	2.43182	WB	0.00948	-0.08481	-0.00064
576	2.91818	WB	0.00948	-0.034	-0.00081
576	3.40455	WB	0.00948	0.02629	-0.00099
576	3.89091	WB	0.00948	0.09605	-0.00117
576	4.37727	WB	0.00948	0.17527	-0.00134
576	4.86364	WB	0.00948	0.26397	-0.00152
576	5.35	WB	0.00948	0.36214	-0.0017
576	0.	WS	0.01701	-0.19833	0.00035
576	0.48636	WS	0.01701	-0.19545	0.00014
576	0.97273	WS	0.01701	-0.18309	-6.833E-05
576	1.45909	WS	0.01701	-0.16127	-0.00028
576	1.94545	WS	0.01701	-0.12998	-0.00049
576	2.43182	WS	0.01701	-0.08921	-0.0007
576	2.91818	WS	0.01701	-0.03898	-0.00091
576	3.40455	WS	0.01701	0.02072	-0.00112
576	3.89091	WS	0.01701	0.0899	-0.00133
576	4.37727	WS	0.01701	0.16855	-0.00154
576	4.86364	WS	0.01701	0.25666	-0.00175
576	5.35	WS	0.01701	0.35425	-0.00196
577	0.	DEAD	-0.00308	-0.01663	-0.0378
577	0.48637	DEAD	-0.00308	-0.01374	-0.01809
577	0.97273	DEAD	-0.00308	-0.01085	-0.00254
577	1.4591	DEAD	-0.00308	-0.00796	0.00884
577	1.94546	DEAD	-0.00308	-0.00507	0.01605
577	2.43183	DEAD	-0.00308	-0.00217	0.01909
577	2.91819	DEAD	-0.00308	0.00072	0.01797
577	3.40456	DEAD	-0.00308	0.00361	0.01268
577	3.89092	DEAD	-0.00308	0.0065	0.00323
577	4.37729	DEAD	-0.00308	0.00939	-0.01039
577	4.86365	DEAD	-0.00308	0.01228	-0.02818
577	5.35002	DEAD	-0.00308	0.01517	-0.05013
577	0.	LIVE	-0.00088	-0.00492	0.00274
577	0.48637	LIVE	-0.00088	-0.00407	0.00218
577	0.97273	LIVE	-0.00088	-0.00321	0.00163
577	1.4591	LIVE	-0.00088	-0.00235	0.00107
577	1.94546	LIVE	-0.00088	-0.00149	0.00052
577	2.43183	LIVE	-0.00088	-0.00064	-3.776E-05
577	2.91819	LIVE	-0.00088	0.00022	-0.00059
577	3.40456	LIVE	-0.00088	0.00108	-0.00115
577	3.89092	LIVE	-0.00088	0.00193	-0.0017
577	4.37729	LIVE	-0.00088	0.00279	-0.00226
577	4.86365	LIVE	-0.00088	0.00365	-0.00281
577	5.35002	LIVE	-0.00088	0.00451	-0.00337
577	0.	WB	-0.01897	0.08601	-0.00037
577	0.48637	WB	-0.01897	0.04092	-0.00018
577	0.97273	WB	-0.01897	0.0053	1.653E-05
577	1.4591	WB	-0.01897	-0.02086	0.00021
577	1.94546	WB	-0.01897	-0.03754	0.0004
577	2.43183	WB	-0.01897	-0.04475	0.0006

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
577	2.91819	WB	-0.01897	-0.0425	0.00079
577	3.40456	WB	-0.01897	-0.03077	0.00098
577	3.89092	WB	-0.01897	-0.00957	0.00118
577	4.37729	WB	-0.01897	0.0211	0.00137
577	4.86365	WB	-0.01897	0.06124	0.00156
577	5.35002	WB	-0.01897	0.11085	0.00176
577	0.	WS	-0.03355	0.06097	-0.00296
577	0.48637	WS	-0.03355	0.02031	-0.00224
577	0.97273	WS	-0.03355	-0.01089	-0.00151
577	1.4591	WS	-0.03355	-0.03262	-0.00079
577	1.94546	WS	-0.03355	-0.04487	-6.298E-05
577	2.43183	WS	-0.03355	-0.04766	0.00066
577	2.91819	WS	-0.03355	-0.04097	0.00139
577	3.40456	WS	-0.03355	-0.02481	0.00211
577	3.89092	WS	-0.03355	0.00081	0.00284
577	4.37729	WS	-0.03355	0.03591	0.00356
577	4.86365	WS	-0.03355	0.08048	0.00429
577	5.35002	WS	-0.03355	0.13452	0.00501
578	0.	DEAD	0.009	-0.01411	0.00847
578	0.44375	DEAD	0.009	-0.0104	0.01299
578	0.8875	DEAD	0.009	-0.00668	0.01405
578	1.33125	DEAD	0.009	-0.00296	0.01163
578	1.775	DEAD	0.009	0.00075	0.00575
578	2.21875	DEAD	0.009	0.00447	-0.00361
578	2.6625	DEAD	0.009	0.00818	-0.01643
578	3.10625	DEAD	0.009	0.0119	-0.03272
578	3.55	DEAD	0.009	0.01561	-0.05247
578	0.	LIVE	0.0028	-0.00443	0.00831
578	0.44375	LIVE	0.0028	-0.00329	0.006
578	0.8875	LIVE	0.0028	-0.00214	0.0037
578	1.33125	LIVE	0.0028	-0.00099	0.00139
578	1.775	LIVE	0.0028	0.00016	-0.00091
578	2.21875	LIVE	0.0028	0.0013	-0.00322
578	2.6625	LIVE	0.0028	0.00245	-0.00552
578	3.10625	LIVE	0.0028	0.0036	-0.00783
578	3.55	LIVE	0.0028	0.00475	-0.01013
578	0.	WB	-0.01374	0.03239	-0.00403
578	0.44375	WB	-0.01374	0.00761	-0.00279
578	0.8875	WB	-0.01374	-0.00929	-0.00155
578	1.33125	WB	-0.01374	-0.01831	-0.0003
578	1.775	WB	-0.01374	-0.01944	0.00094
578	2.21875	WB	-0.01374	-0.01269	0.00218
578	2.6625	WB	-0.01374	0.00195	0.00343
578	3.10625	WB	-0.01374	0.02447	0.00467
578	3.55	WB	-0.01374	0.05487	0.00591
578	0.	WS	-0.02491	0.02266	-0.01146
578	0.44375	WS	-0.02491	0.0007	-0.00807
578	0.8875	WS	-0.02491	-0.01339	-0.00467
578	1.33125	WS	-0.02491	-0.01959	-0.00128
578	1.775	WS	-0.02491	-0.01791	0.00211
578	2.21875	WS	-0.02491	-0.00834	0.00551
578	2.6625	WS	-0.02491	0.0091	0.0089
578	3.10625	WS	-0.02491	0.03444	0.0123
578	3.55	WS	-0.02491	0.06765	0.01569

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
581	0.	DEAD	0.00156	0.00114	0.01579
581	0.49509	DEAD	0.00156	0.00024	0.02046
581	0.99018	DEAD	0.00156	-0.00066	0.02081
581	1.48527	DEAD	0.00156	-0.00155	0.01684
581	1.98036	DEAD	0.00156	-0.00245	0.00856
581	2.47545	DEAD	0.00156	-0.00335	-0.00404
581	2.97054	DEAD	0.00156	-0.00425	-0.02096
581	3.46564	DEAD	0.00156	-0.00515	-0.04219
581	3.96073	DEAD	0.00156	-0.00605	-0.06774
581	0.	LIVE	0.00037	0.00015	0.01136
581	0.49509	LIVE	0.00037	-5.617E-05	0.00829
581	0.99018	LIVE	0.00037	-0.00026	0.00523
581	1.48527	LIVE	0.00037	-0.00047	0.00217
581	1.98036	LIVE	0.00037	-0.00067	-0.00089
581	2.47545	LIVE	0.00037	-0.00088	-0.00396
581	2.97054	LIVE	0.00037	-0.00108	-0.00702
581	3.46564	LIVE	0.00037	-0.00129	-0.01008
581	3.96073	LIVE	0.00037	-0.00149	-0.01315
581	0.	WB	0.0016	-0.01399	0.2158
581	0.49509	WB	0.0016	-0.01122	0.16222
581	0.99018	WB	0.0016	-0.00845	0.10864
581	1.48527	WB	0.0016	-0.00568	0.05506
581	1.98036	WB	0.0016	-0.00291	0.00148
581	2.47545	WB	0.0016	-0.00014	-0.0521
581	2.97054	WB	0.0016	0.00263	-0.10568
581	3.46564	WB	0.0016	0.00541	-0.15926
581	3.96073	WB	0.0016	0.00818	-0.21284
581	0.	WS	0.00201	-0.01462	0.33813
581	0.49509	WS	0.00201	-0.01173	0.25429
581	0.99018	WS	0.00201	-0.00884	0.17045
581	1.48527	WS	0.00201	-0.00595	0.08661
581	1.98036	WS	0.00201	-0.00306	0.00277
581	2.47545	WS	0.00201	-0.00016	-0.08107
581	2.97054	WS	0.00201	0.00273	-0.16491
581	3.46564	WS	0.00201	0.00562	-0.24875
581	3.96073	WS	0.00201	0.00851	-0.33258
582	0.	DEAD	-0.00014	-0.00471	0.03686
582	0.4625	DEAD	-0.00014	-0.00468	0.03494
582	0.925	DEAD	-0.00014	-0.00465	0.02925
582	1.3875	DEAD	-0.00014	-0.00462	0.01979
582	1.85	DEAD	-0.00014	-0.00459	0.00657
582	2.3125	DEAD	-0.00014	-0.00456	-0.01043
582	2.775	DEAD	-0.00014	-0.00453	-0.03119
582	3.2375	DEAD	-0.00014	-0.0045	-0.05572
582	3.7	DEAD	-0.00014	-0.00447	-0.08401
582	0.	LIVE	6.242E-05	-0.00099	0.0168
582	0.4625	LIVE	6.242E-05	-0.00107	0.01234
582	0.925	LIVE	6.242E-05	-0.00115	0.00788
582	1.3875	LIVE	6.242E-05	-0.00123	0.00342
582	1.85	LIVE	6.242E-05	-0.00131	-0.00104
582	2.3125	LIVE	6.242E-05	-0.00139	-0.00551
582	2.775	LIVE	6.242E-05	-0.00147	-0.00997
582	3.2375	LIVE	6.242E-05	-0.00155	-0.01443
582	3.7	LIVE	6.242E-05	-0.00163	-0.01889

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
582	0.	WB	0.00071	-0.00962	0.22729
582	0.4625	WB	0.00071	-0.00668	0.16997
582	0.925	WB	0.00071	-0.00374	0.11265
582	1.3875	WB	0.00071	-0.0008	0.05533
582	1.85	WB	0.00071	0.00215	-0.00199
582	2.3125	WB	0.00071	0.00509	-0.05931
582	2.775	WB	0.00071	0.00803	-0.11663
582	3.2375	WB	0.00071	0.01097	-0.17395
582	3.7	WB	0.00071	0.01391	-0.23127
582	0.	WS	0.0017	-0.01095	0.35468
582	0.4625	WS	0.0017	-0.0073	0.26526
582	0.925	WS	0.0017	-0.00364	0.17585
582	1.3875	WS	0.0017	1.560E-05	0.08643
582	1.85	WS	0.0017	0.00367	-0.00299
582	2.3125	WS	0.0017	0.00733	-0.0924
582	2.775	WS	0.0017	0.01098	-0.18182
582	3.2375	WS	0.0017	0.01464	-0.27124
582	3.7	WS	0.0017	0.0183	-0.36066
585	0.	DEAD	-0.00813	-0.01932	-0.08911
585	0.4625	DEAD	-0.00813	-0.01514	-0.05958
585	0.925	DEAD	-0.00813	-0.01096	-0.03383
585	1.3875	DEAD	-0.00813	-0.00678	-0.01184
585	1.85	DEAD	-0.00813	-0.0026	0.00638
585	2.3125	DEAD	-0.00813	0.00158	0.02083
585	2.775	DEAD	-0.00813	0.00576	0.03152
585	3.2375	DEAD	-0.00813	0.00994	0.03844
585	3.7	DEAD	-0.00813	0.01412	0.04159
585	0.	LIVE	-0.00209	-0.00598	-0.01973
585	0.4625	LIVE	-0.00209	-0.0047	-0.01507
585	0.925	LIVE	-0.00209	-0.00341	-0.01041
585	1.3875	LIVE	-0.00209	-0.00213	-0.00575
585	1.85	LIVE	-0.00209	-0.00085	-0.00109
585	2.3125	LIVE	-0.00209	0.00044	0.00357
585	2.775	LIVE	-0.00209	0.00172	0.00823
585	3.2375	LIVE	-0.00209	0.00301	0.01289
585	3.7	LIVE	-0.00209	0.00429	0.01755
585	0.	WB	-0.00102	0.01344	-0.22296
585	0.4625	WB	-0.00102	0.01078	-0.16771
585	0.925	WB	-0.00102	0.00813	-0.11246
585	1.3875	WB	-0.00102	0.00548	-0.05721
585	1.85	WB	-0.00102	0.00282	-0.00196
585	2.3125	WB	-0.00102	0.00017	0.05329
585	2.775	WB	-0.00102	-0.00248	0.10854
585	3.2375	WB	-0.00102	-0.00513	0.16379
585	3.7	WB	-0.00102	-0.00779	0.21904
585	0.	WS	-0.00191	0.01844	-0.35324
585	0.4625	WS	-0.00191	0.01495	-0.26567
585	0.925	WS	-0.00191	0.01145	-0.1781
585	1.3875	WS	-0.00191	0.00795	-0.09053
585	1.85	WS	-0.00191	0.00446	-0.00297
585	2.3125	WS	-0.00191	0.00096	0.0846
585	2.775	WS	-0.00191	-0.00254	0.17217
585	3.2375	WS	-0.00191	-0.00603	0.25973
585	3.7	WS	-0.00191	-0.00953	0.3473

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
586	0.	DEAD	0.00594	0.01255	-0.07222
586	0.49509	DEAD	0.00594	0.00942	-0.04556
586	0.99018	DEAD	0.00594	0.00628	-0.02323
586	1.48527	DEAD	0.00594	0.00315	-0.00522
586	1.98036	DEAD	0.00594	1.012E-05	0.00848
586	2.47545	DEAD	0.00594	-0.00313	0.01786
586	2.97054	DEAD	0.00594	-0.00626	0.02293
586	3.46564	DEAD	0.00594	-0.0094	0.02367
586	3.96073	DEAD	0.00594	-0.01253	0.0201
586	0.	LIVE	0.00148	0.00313	-0.01391
586	0.49509	LIVE	0.00148	0.0023	-0.01065
586	0.99018	LIVE	0.00148	0.00147	-0.0074
586	1.48527	LIVE	0.00148	0.00063	-0.00414
586	1.98036	LIVE	0.00148	-0.0002	-0.00088
586	2.47545	LIVE	0.00148	-0.00103	0.00237
586	2.97054	LIVE	0.00148	-0.00186	0.00563
586	3.46564	LIVE	0.00148	-0.00269	0.00889
586	3.96073	LIVE	0.00148	-0.00352	0.01215
586	0.	WB	-0.00074	0.01015	-0.20508
586	0.49509	WB	-0.00074	0.00676	-0.15346
586	0.99018	WB	-0.00074	0.00337	-0.10184
586	1.48527	WB	-0.00074	-2.145E-05	-0.05022
586	1.98036	WB	-0.00074	-0.00341	0.0014
586	2.47545	WB	-0.00074	-0.0068	0.05303
586	2.97054	WB	-0.00074	-0.01019	0.10465
586	3.46564	WB	-0.00074	-0.01358	0.15627
586	3.96073	WB	-0.00074	-0.01697	0.20789
586	0.	WS	-0.00124	0.01033	-0.32563
586	0.49509	WS	-0.00124	0.0068	-0.24354
586	0.99018	WS	-0.00124	0.00328	-0.16146
586	1.48527	WS	-0.00124	-0.00024	-0.07937
586	1.98036	WS	-0.00124	-0.00377	0.00271
586	2.47545	WS	-0.00124	-0.00729	0.0848
586	2.97054	WS	-0.00124	-0.01081	0.16688
586	3.46564	WS	-0.00124	-0.01434	0.24897
586	3.96073	WS	-0.00124	-0.01786	0.33105
587	0.	DEAD	-0.00289	-0.00065	-0.55511
587	0.48182	DEAD	-0.00289	-0.00039	-0.28077
587	0.96364	DEAD	-0.00289	-0.00013	-0.06068
587	1.44546	DEAD	-0.00289	0.00013	0.10518
587	1.92728	DEAD	-0.00289	0.00038	0.21678
587	2.4091	DEAD	-0.00289	0.00064	0.27414
587	2.89092	DEAD	-0.00289	0.0009	0.27725
587	3.37274	DEAD	-0.00289	0.00116	0.22612
587	3.85456	DEAD	-0.00289	0.00141	0.12074
587	4.33638	DEAD	-0.00289	0.00167	-0.03888
587	4.8182	DEAD	-0.00289	0.00193	-0.25275
587	5.30002	DEAD	-0.00289	0.00219	-0.52086
587	0.	LIVE	-0.00089	-0.00012	-0.17831
587	0.48182	LIVE	-0.00089	-5.579E-05	-0.09024
587	0.96364	LIVE	-0.00089	1.135E-05	-0.01958
587	1.44546	LIVE	-0.00089	7.849E-05	0.03366
587	1.92728	LIVE	-0.00089	0.00015	0.0695
587	2.4091	LIVE	-0.00089	0.00021	0.08792

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
587	2.89092	LIVE	-0.00089	0.00028	0.08893
587	3.37274	LIVE	-0.00089	0.00035	0.07253
587	3.85456	LIVE	-0.00089	0.00041	0.03872
587	4.33638	LIVE	-0.00089	0.00048	-0.0125
587	4.8182	LIVE	-0.00089	0.00055	-0.08114
587	5.30002	LIVE	-0.00089	0.00062	-0.16718
587	0.	WB	0.00428	-0.05794	-0.15271
587	0.48182	WB	0.00428	-0.02585	-0.08044
587	0.96364	WB	0.00428	-0.00051	-0.0221
587	1.44546	WB	0.00428	0.01807	0.02231
587	1.92728	WB	0.00428	0.02989	0.0528
587	2.4091	WB	0.00428	0.03495	0.06935
587	2.89092	WB	0.00428	0.03325	0.07198
587	3.37274	WB	0.00428	0.02479	0.06068
587	3.85456	WB	0.00428	0.00957	0.03545
587	4.33638	WB	0.00428	-0.01241	-0.00371
587	4.8182	WB	0.00428	-0.04115	-0.0568
587	5.30002	WB	0.00428	-0.07665	-0.12382
587	0.	WS	0.00763	-0.0464	-0.01599
587	0.48182	WS	0.00763	-0.01641	-0.01308
587	0.96364	WS	0.00763	0.00682	-0.01018
587	1.44546	WS	0.00763	0.0233	-0.00727
587	1.92728	WS	0.00763	0.03301	-0.00436
587	2.4091	WS	0.00763	0.03596	-0.00146
587	2.89092	WS	0.00763	0.03215	0.00145
587	3.37274	WS	0.00763	0.02158	0.00436
587	3.85456	WS	0.00763	0.00426	0.00727
587	4.33638	WS	0.00763	-0.01983	0.01017
587	4.8182	WS	0.00763	-0.05067	0.01308
587	5.30002	WS	0.00763	-0.08828	0.01599
590	0.	DEAD	-0.00133	-0.02592	-0.46055
590	0.48182	DEAD	-0.00133	-0.0228	-0.19909
590	0.96364	DEAD	-0.00133	-0.01967	0.00813
590	1.44545	DEAD	-0.00133	-0.01655	0.1611
590	1.92727	DEAD	-0.00133	-0.01343	0.25983
590	2.40909	DEAD	-0.00133	-0.01031	0.30431
590	2.89091	DEAD	-0.00133	-0.00718	0.29454
590	3.37273	DEAD	-0.00133	-0.00406	0.23053
590	3.85455	DEAD	-0.00133	-0.00094	0.11228
590	4.33636	DEAD	-0.00133	0.00218	-0.06022
590	4.81818	DEAD	-0.00133	0.00531	-0.28696
590	5.3	DEAD	-0.00133	0.00843	-0.56795
590	0.	LIVE	-0.00041	-0.00787	-0.14876
590	0.48182	LIVE	-0.00041	-0.00692	-0.06474
590	0.96364	LIVE	-0.00041	-0.00597	0.00186
590	1.44545	LIVE	-0.00041	-0.00503	0.05105
590	1.92727	LIVE	-0.00041	-0.00408	0.08283
590	2.40909	LIVE	-0.00041	-0.00313	0.0972
590	2.89091	LIVE	-0.00041	-0.00218	0.09416
590	3.37273	LIVE	-0.00041	-0.00123	0.0737
590	3.85455	LIVE	-0.00041	-0.00028	0.03584
590	4.33636	LIVE	-0.00041	0.00066	-0.01944
590	4.81818	LIVE	-0.00041	0.00161	-0.09212
590	5.3	LIVE	-0.00041	0.00256	-0.18222

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
590	0.	WB	-0.00191	0.07733	-0.11789
590	0.48182	WB	-0.00191	0.04155	-0.05103
590	0.96364	WB	-0.00191	0.01254	0.0019
590	1.44545	WB	-0.00191	-0.00972	0.0409
590	1.92727	WB	-0.00191	-0.02522	0.06597
590	2.40909	WB	-0.00191	-0.03396	0.07711
590	2.89091	WB	-0.00191	-0.03594	0.07433
590	3.37273	WB	-0.00191	-0.03116	0.05761
590	3.85455	WB	-0.00191	-0.01962	0.02697
590	4.33636	WB	-0.00191	-0.00132	-0.01761
590	4.81818	WB	-0.00191	0.02374	-0.07611
590	5.3	WB	-0.00191	0.05555	-0.14854
590	0.	WS	-0.00091	0.09526	0.01149
590	0.48182	WS	-0.00091	0.0565	0.00974
590	0.96364	WS	-0.00091	0.02449	0.008
590	1.44545	WS	-0.00091	-0.00076	0.00625
590	1.92727	WS	-0.00091	-0.01924	0.00451
590	2.40909	WS	-0.00091	-0.03097	0.00276
590	2.89091	WS	-0.00091	-0.03594	0.00101
590	3.37273	WS	-0.00091	-0.03415	-0.00073
590	3.85455	WS	-0.00091	-0.0256	-0.00248
590	4.33636	WS	-0.00091	-0.01029	-0.00422
590	4.81818	WS	-0.00091	0.01178	-0.00597
590	5.3	WS	-0.00091	0.04061	-0.00771
593	0.	DEAD	0.00716	-0.01222	-0.46231
593	0.48182	DEAD	0.00716	-0.01092	-0.20096
593	0.96364	DEAD	0.00716	-0.00961	0.00614
593	1.44545	DEAD	0.00716	-0.00831	0.159
593	1.92727	DEAD	0.00716	-0.007	0.25762
593	2.40909	DEAD	0.00716	-0.0057	0.30199
593	2.89091	DEAD	0.00716	-0.00439	0.29211
593	3.37273	DEAD	0.00716	-0.00309	0.22799
593	3.85455	DEAD	0.00716	-0.00178	0.10963
593	4.33636	DEAD	0.00716	-0.00048	-0.06298
593	4.81818	DEAD	0.00716	0.00083	-0.28984
593	5.3	DEAD	0.00716	0.00213	-0.57094
593	0.	LIVE	0.00218	-0.0037	-0.14905
593	0.48182	LIVE	0.00218	-0.00332	-0.0651
593	0.96364	LIVE	0.00218	-0.00293	0.00143
593	1.44545	LIVE	0.00218	-0.00255	0.05055
593	1.92727	LIVE	0.00218	-0.00217	0.08226
593	2.40909	LIVE	0.00218	-0.00179	0.09656
593	2.89091	LIVE	0.00218	-0.00141	0.09345
593	3.37273	LIVE	0.00218	-0.00103	0.07293
593	3.85455	LIVE	0.00218	-0.00065	0.035
593	4.33636	LIVE	0.00218	-0.00026	-0.02035
593	4.81818	LIVE	0.00218	0.00012	-0.0931
593	5.3	LIVE	0.00218	0.0005	-0.18327
593	0.	WB	0.00307	0.07789	-0.11561
593	0.48182	WB	0.00307	0.04202	-0.04905
593	0.96364	WB	0.00307	0.01291	0.00358
593	1.44545	WB	0.00307	-0.00944	0.04229
593	1.92727	WB	0.00307	-0.02504	0.06706
593	2.40909	WB	0.00307	-0.03387	0.07791

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
593	2.89091	WB	0.00307	-0.03594	0.07483
593	3.37273	WB	0.00307	-0.03125	0.05782
593	3.85455	WB	0.00307	-0.0198	0.02688
593	4.33636	WB	0.00307	-0.0016	-0.01799
593	4.81818	WB	0.00307	0.02337	-0.07679
593	5.3	WB	0.00307	0.05509	-0.14952
593	0.	WS	0.00239	0.09399	0.00926
593	0.48182	WS	0.00239	0.0554	0.00781
593	0.96364	WS	0.00239	0.02357	0.00637
593	1.44545	WS	0.00239	-0.00151	0.00492
593	1.92727	WS	0.00239	-0.01982	0.00348
593	2.40909	WS	0.00239	-0.03137	0.00203
593	2.89091	WS	0.00239	-0.03616	0.00059
593	3.37273	WS	0.00239	-0.0342	-0.00086
593	3.85455	WS	0.00239	-0.02547	-0.0023
593	4.33636	WS	0.00239	-0.00999	-0.00375
593	4.81818	WS	0.00239	0.01226	-0.00519
593	5.3	WS	0.00239	0.04126	-0.00664
596	0.	DEAD	0.00619	-0.003	-0.57242
596	0.48182	DEAD	0.00619	-0.00175	-0.29243
596	0.96364	DEAD	0.00619	-0.0005	-0.06669
596	1.44545	DEAD	0.00619	0.00076	0.10481
596	1.92727	DEAD	0.00619	0.00201	0.22207
596	2.40909	DEAD	0.00619	0.00326	0.28508
596	2.89091	DEAD	0.00619	0.00451	0.29385
596	3.37273	DEAD	0.00619	0.00577	0.24837
596	3.85455	DEAD	0.00619	0.00702	0.14864
596	4.33636	DEAD	0.00619	0.00827	-0.00533
596	4.81818	DEAD	0.00619	0.00952	-0.21354
596	5.3	DEAD	0.00619	0.01078	-0.476
596	0.	LIVE	0.00191	-0.00074	-0.18378
596	0.48182	LIVE	0.00191	-0.00038	-0.09394
596	0.96364	LIVE	0.00191	-2.006E-05	-0.0215
596	1.44545	LIVE	0.00191	0.00034	0.03352
596	1.92727	LIVE	0.00191	0.0007	0.07113
596	2.40909	LIVE	0.00191	0.00106	0.09133
596	2.89091	LIVE	0.00191	0.00142	0.09411
596	3.37273	LIVE	0.00191	0.00177	0.07949
596	3.85455	LIVE	0.00191	0.00213	0.04745
596	4.33636	LIVE	0.00191	0.00249	-0.00199
596	4.81818	LIVE	0.00191	0.00285	-0.06885
596	5.3	LIVE	0.00191	0.00321	-0.15312
596	0.	WB	0.00481	-0.05651	-0.15207
596	0.48182	WB	0.00481	-0.02455	-0.07923
596	0.96364	WB	0.00481	0.00066	-0.02032
596	1.44545	WB	0.00481	0.0191	0.02467
596	1.92727	WB	0.00481	0.03078	0.05572
596	2.40909	WB	0.00481	0.0357	0.07285
596	2.89091	WB	0.00481	0.03387	0.07605
596	3.37273	WB	0.00481	0.02527	0.06532
596	3.85455	WB	0.00481	0.00992	0.04065
596	4.33636	WB	0.00481	-0.0122	0.00207
596	4.81818	WB	0.00481	-0.04107	-0.05045
596	5.3	WB	0.00481	-0.07671	-0.1169

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
596	0.	WS	0.00487	-0.04317	-0.0091
596	0.48182	WS	0.00487	-0.01378	-0.00731
596	0.96364	WS	0.00487	0.00884	-0.00553
596	1.44545	WS	0.00487	0.02471	-0.00375
596	1.92727	WS	0.00487	0.03381	-0.00197
596	2.40909	WS	0.00487	0.03616	-0.00019
596	2.89091	WS	0.00487	0.03175	0.00159
596	3.37273	WS	0.00487	0.02058	0.00337
596	3.85455	WS	0.00487	0.00264	0.00516
596	4.33636	WS	0.00487	-0.02205	0.00694
596	4.81818	WS	0.00487	-0.0535	0.00872
596	5.3	WS	0.00487	-0.09171	0.0105
599	0.	DEAD	0.02503	-0.09663	-0.19425
599	0.48182	DEAD	0.02503	-0.08662	0.06011
599	0.96364	DEAD	0.02503	-0.07662	0.25513
599	1.44545	DEAD	0.02503	-0.06661	0.3908
599	1.92727	DEAD	0.02503	-0.0566	0.46714
599	2.40909	DEAD	0.02503	-0.0466	0.48414
599	2.89091	DEAD	0.02503	-0.03659	0.4418
599	3.37273	DEAD	0.02503	-0.02659	0.34012
599	3.85455	DEAD	0.02503	-0.01658	0.17909
599	4.33636	DEAD	0.02503	-0.00658	-0.04127
599	4.81818	DEAD	0.02503	0.00343	-0.32097
599	5.3	DEAD	0.02503	0.01344	-0.66001
599	0.	LIVE	0.00751	-0.02924	-0.0526
599	0.48182	LIVE	0.00751	-0.02625	0.02155
599	0.96364	LIVE	0.00751	-0.02325	0.07829
599	1.44545	LIVE	0.00751	-0.02026	0.11762
599	1.92727	LIVE	0.00751	-0.01727	0.13954
599	2.40909	LIVE	0.00751	-0.01427	0.14405
599	2.89091	LIVE	0.00751	-0.01128	0.13115
599	3.37273	LIVE	0.00751	-0.00828	0.10084
599	3.85455	LIVE	0.00751	-0.00529	0.05311
599	4.33636	LIVE	0.00751	-0.00229	-0.01202
599	4.81818	LIVE	0.00751	0.0007	-0.09457
599	5.3	LIVE	0.00751	0.0037	-0.19453
599	0.	WB	0.00012	0.141	-0.0383
599	0.48182	WB	0.00012	0.08528	0.01994
599	0.96364	WB	0.00012	0.038	0.06425
599	1.44545	WB	0.00012	-0.00082	0.09462
599	1.92727	WB	0.00012	-0.03119	0.11107
599	2.40909	WB	0.00012	-0.05312	0.11359
599	2.89091	WB	0.00012	-0.06659	0.10218
599	3.37273	WB	0.00012	-0.07162	0.07685
599	3.85455	WB	0.00012	-0.06819	0.03758
599	4.33636	WB	0.00012	-0.05632	-0.01562
599	4.81818	WB	0.00012	-0.036	-0.08274
599	5.3	WB	0.00012	-0.00722	-0.16379
599	0.	WS	0.00134	0.24308	0.03723
599	0.48182	WS	0.00134	0.16948	0.03163
599	0.96364	WS	0.00134	0.10432	0.02603
599	1.44545	WS	0.00134	0.04762	0.02043
599	1.92727	WS	0.00134	-0.00064	0.01483
599	2.40909	WS	0.00134	-0.04045	0.00922

Table 29: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	m		Tonf-m	Tonf-m	Tonf-m
599	2.89091	WS	0.00134	-0.07181	0.00362
599	3.37273	WS	0.00134	-0.09472	-0.00198
599	3.85455	WS	0.00134	-0.10918	-0.00758
599	4.33636	WS	0.00134	-0.11519	-0.01318
599	4.81818	WS	0.00134	-0.11275	-0.01878
599	5.3	WS	0.00134	-0.10186	-0.02438
610	0.	DEAD	-0.00085	0.00698	-0.17612
610	0.48182	DEAD	-0.00085	0.00522	0.07305
610	0.96364	DEAD	-0.00085	0.00345	0.26287
610	1.44545	DEAD	-0.00085	0.00168	0.39335
610	1.92727	DEAD	-0.00085	-8.966E-05	0.4645
610	2.40909	DEAD	-0.00085	-0.00186	0.4763
610	2.89091	DEAD	-0.00085	-0.00363	0.42876
610	3.37273	DEAD	-0.00085	-0.00539	0.32189
610	3.85455	DEAD	-0.00085	-0.00716	0.15567
610	4.33636	DEAD	-0.00085	-0.00893	-0.06988
610	4.81818	DEAD	-0.00085	-0.0107	-0.35478
610	5.3	DEAD	-0.00085	-0.01247	-0.69901
610	0.	LIVE	-0.00036	0.00167	-0.04749
610	0.48182	LIVE	-0.00036	0.00122	0.02513
610	0.96364	LIVE	-0.00036	0.00077	0.08034
610	1.44545	LIVE	-0.00036	0.00031	0.11814
610	1.92727	LIVE	-0.00036	-0.00014	0.13853
610	2.40909	LIVE	-0.00036	-0.00059	0.14151
610	2.89091	LIVE	-0.00036	-0.00104	0.12708
610	3.37273	LIVE	-0.00036	-0.00149	0.09524
610	3.85455	LIVE	-0.00036	-0.00195	0.04598
610	4.33636	LIVE	-0.00036	-0.0024	-0.02069
610	4.81818	LIVE	-0.00036	-0.00285	-0.10476
610	5.3	LIVE	-0.00036	-0.0033	-0.20625
610	0.	WB	-0.01836	0.14378	0.03477
610	0.48182	WB	-0.01836	0.08889	0.03101
610	0.96364	WB	-0.01836	0.04244	0.02725
610	1.44545	WB	-0.01836	0.00445	0.02349
610	1.92727	WB	-0.01836	-0.0251	0.01973
610	2.40909	WB	-0.01836	-0.04619	0.01596
610	2.89091	WB	-0.01836	-0.05884	0.0122
610	3.37273	WB	-0.01836	-0.06304	0.00844
610	3.85455	WB	-0.01836	-0.05879	0.00468
610	4.33636	WB	-0.01836	-0.04608	0.00092
610	4.81818	WB	-0.01836	-0.02493	-0.00285
610	5.3	WB	-0.01836	0.00467	-0.00661
610	0.	WS	-0.00951	0.22474	0.00167
610	0.48182	WS	-0.00951	0.1543	0.00117
610	0.96364	WS	-0.00951	0.09232	0.00068
610	1.44545	WS	-0.00951	0.03878	0.00018
610	1.92727	WS	-0.00951	-0.00631	-0.00032
610	2.40909	WS	-0.00951	-0.04296	-0.00081
610	2.89091	WS	-0.00951	-0.07115	-0.00131
610	3.37273	WS	-0.00951	-0.09089	-0.0018
610	3.85455	WS	-0.00951	-0.10218	-0.0023
610	4.33636	WS	-0.00951	-0.10503	-0.00279
610	4.81818	WS	-0.00951	-0.09942	-0.00329
610	5.3	WS	-0.00951	-0.08536	-0.00379

10. Material take-off

This section provides a material take-off.

Table 30: Material List 2 - By Section Property

Table 30: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			m	Tonf
W18X35	Frame	1	0.01468	7.659E-04
COL 30X30	Frame	14	47.33314	10.2358
200x200x5.00MM	Frame	72	146.82855	4.4946
2PAG150X60X17X1.50MM	Frame	44	187.21709	1.6223
2PAG220X80X20X3.00MM-1	Frame	24	107.72153	1.8973
250x250x8.00MM-1	Frame	7	60.20631	3.6595

11. Design preferences

This section provides the design preferences for each type of design, which typically include material reduction factors, framing type, stress ratio limit, deflection limits, and other code specific items.

11.1. Steel design

Table 31: Preferences - Steel Design - AISC 360-16, Part 1 of 4

Table 31: Preferences - Steel Design - AISC 360-16, Part 1 of 4

THDesign	FrameType	PatLLF	SRatioLimit	MaxIter	SDC	SeisCode	SeisLoad	ImpFactor
Envelopes	SMF	0.75	0.95	1	D	No	No	1.

Table 31: Preferences - Steel Design - AISC 360-16, Part 2 of 4

Table 31: Preferences - Steel Design - AISC 360-16, Part 2 of 4

SystemRho	SystemSds	SystemR	SystemCd	Omega0	Provision	AMethod	SOMethod	SRMethod
1.	0.5	8.	5.5	3.	LRFD	Direct Analysis	General 2nd Order	Tau-b Fixed

Table 31: Preferences - Steel Design - AISC 360-16, Part 3 of 4

Table 31: Preferences - Steel Design - AISC 360-16, Part 3 of 4

NLCoeff	PhiB	PhiC	PhiTY	PhiTF	PhiV	PhiVRolledI	PhiVT	PlugWeld
0.002	0.9	0.9	0.9	0.75	0.9	1.	0.9	Yes

Table 31: Preferences - Steel Design - AISC 360-16, Part 4 of 4

Table 31: Preferences - Steel Design - AISC 360-16, Part 4 of 4

HSSWelding	HSSReduceT	CheckDefl	DLRat	SDLAndLLRat	LLRat	TotalRat	NetRat
ERW	No	No	120.	120.	360.	240.	240.

11.2. Concrete design

Table 32: Preferences - Concrete Design - ACI 318-19, Part 1 of 3

Table 32: Preferences - Concrete Design - ACI 318-19, Part 1 of 3

THDesign	NumCurves	NumPoints	MinEccen	BCCDesign	IgnoreBPu	CTorsion	PatLLF	UFLimit
Envelopes	24	11	Yes	Yes	Yes	Yes	0.75	0.95

Table 32: Preferences - Concrete Design - ACI 318-19, Part 2 of 3

Table 32: Preferences - Concrete Design - ACI 318-19, Part 2 of 3

SeisCat	Rho	Sds	PhiT	PhiCTied	PhiCSpiral	PhiV	PhiVSeismic	PhiVJoint
D	1.	0.5	0.9	0.65	0.75	0.75	0.6	0.85

Table 32: Preferences - Concrete Design - ACI 318-19, Part 3 of 3

Table 32: Preferences - Concrete Design - ACI 318-19, Part 3 of 3

TanTheta
1.

Table 33: Preferences - Concrete Shell Design - Eurocode 2-2004

Table 33: Preferences - Concrete Shell Design - Eurocode 2-2004

Country	GammaS	GammaC	AlphaCC
CEN Default	1.15	1.5	1.

11.3. Aluminum design

Table 34: Preferences - Aluminum Design - AA 2015, Part 1 of 2

Table 34: Preferences - Aluminum Design - AA 2015, Part 1 of 2

THDesign	SRatioLimit	Provision	LatFact	UseLatFact	Bridge	PhiTy	PhiTr	PhiC
Envelopes	1.	LRFD	1.333333	No	No	0.9	0.75	0.9

Table 34: Preferences - Aluminum Design - AA 2015, Part 2 of 2

Table 34: Preferences - Aluminum Design - AA 2015, Part 2 of 2

PhiBo	PhiBr	PhiVo	PhiVr
0.9	0.75	0.9	0.75

11.4. Cold formed design

Table 35: Preferences - Cold Formed Design - AISI-16, Part 1 of 2

Table 35: Preferences - Cold Formed Design - AISI-16, Part 1 of 2

THDesign	FrameType	SRatioLimit	SOMethod	Provision	LatFact	UseLatFact	PhiTy	PhiTr
Envelopes	Braced Frame	1.	General 2nd Order	LRFD	1.333333	No	0.9	0.75

Table 35: Preferences - Cold Formed Design - AISI-16, Part 2 of 2

Table 35: Preferences - Cold Formed Design - AISI-16, Part 2 of 2

PhiC	PhiB	PhiBPipe	PhiV
0.85	0.9	0.95	0.95

12. Design overwrites

This section provides the design overwrites for each type of design, which are assigned to individual members of the structure.

12.1. Steel design

Table 36: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Table 36: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Frame	DesignSect	FrameType	Fy	RLLF	AreaRatio	XLMajor
			Tonf/m2			
313	Program Determined	Program Determined	0.	0.	0.	0.
23	Program Determined	Program Determined	0.	0.	0.	0.
30	Program Determined	Program Determined	0.	0.	0.	0.
35	Program Determined	Program Determined	0.	0.	0.	0.
81	Program Determined	Program Determined	0.	0.	0.	0.
85	Program Determined	Program Determined	0.	0.	0.	0.
86	Program Determined	Program Determined	0.	0.	0.	0.
89	Program Determined	Program Determined	0.	0.	0.	0.
90	Program Determined	Program Determined	0.	0.	0.	0.
91	Program Determined	Program Determined	0.	0.	0.	0.
92	Program Determined	Program Determined	0.	0.	0.	0.
95	Program Determined	Program Determined	0.	0.	0.	0.
97	Program Determined	Program Determined	0.	0.	0.	0.
98	Program Determined	Program Determined	0.	0.	0.	0.
103	Program Determined	Program Determined	0.	0.	0.	0.
107	Program Determined	Program Determined	0.	0.	0.	0.
108	Program Determined	Program Determined	0.	0.	0.	0.
109	Program Determined	Program Determined	0.	0.	0.	0.
110	Program Determined	Program Determined	0.	0.	0.	0.
111	Program Determined	Program Determined	0.	0.	0.	0.
112	Program Determined	Program Determined	0.	0.	0.	0.
125	Program Determined	Program Determined	0.	0.	0.	0.
126	Program Determined	Program Determined	0.	0.	0.	0.
127	Program Determined	Program Determined	0.	0.	0.	0.
128	Program Determined	Program Determined	0.	0.	0.	0.
131	Program Determined	Program Determined	0.	0.	0.	0.
140	Program Determined	Program Determined	0.	0.	0.	0.
141	Program Determined	Program Determined	0.	0.	0.	0.
157	Program Determined	Program Determined	0.	0.	0.	0.
172	Program Determined	Program Determined	0.	0.	0.	0.
180	Program Determined	Program Determined	0.	0.	0.	0.
181	Program Determined	Program Determined	0.	0.	0.	0.
182	Program Determined	Program Determined	0.	0.	0.	0.
183	Program Determined	Program Determined	0.	0.	0.	0.
186	Program Determined	Program Determined	0.	0.	0.	0.
190	Program Determined	Program Determined	0.	0.	0.	0.
196	Program Determined	Program Determined	0.	0.	0.	0.
197	Program Determined	Program Determined	0.	0.	0.	0.
199	Program Determined	Program Determined	0.	0.	0.	0.
200	Program Determined	Program Determined	0.	0.	0.	0.
201	Program Determined	Program Determined	0.	0.	0.	0.
202	Program Determined	Program Determined	0.	0.	0.	0.
348	Program Determined	Program Determined	0.	0.	0.	0.
349	Program Determined	Program Determined	0.	0.	0.	0.
350	Program Determined	Program Determined	0.	0.	0.	0.
351	Program Determined	Program Determined	0.	0.	0.	0.
352	Program Determined	Program Determined	0.	0.	0.	0.
353	Program Determined	Program Determined	0.	0.	0.	0.
354	Program Determined	Program Determined	0.	0.	0.	0.
355	Program Determined	Program Determined	0.	0.	0.	0.
356	Program Determined	Program Determined	0.	0.	0.	0.
357	Program Determined	Program Determined	0.	0.	0.	0.
360	Program Determined	Program Determined	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Frame	DesignSect	FrameType	Fy	RLLF	AreaRatio	XLMajor
			Tonf/m2			
361	Program Determined	Program Determined	0.	0.	0.	0.
362	Program Determined	Program Determined	0.	0.	0.	0.
363	Program Determined	Program Determined	0.	0.	0.	0.
364	Program Determined	Program Determined	0.	0.	0.	0.
365	Program Determined	Program Determined	0.	0.	0.	0.
366	Program Determined	Program Determined	0.	0.	0.	0.
367	Program Determined	Program Determined	0.	0.	0.	0.
368	Program Determined	Program Determined	0.	0.	0.	0.
369	Program Determined	Program Determined	0.	0.	0.	0.
406	Program Determined	Program Determined	0.	0.	0.	0.
407	Program Determined	Program Determined	0.	0.	0.	0.
408	Program Determined	Program Determined	0.	0.	0.	0.
409	Program Determined	Program Determined	0.	0.	0.	0.
410	Program Determined	Program Determined	0.	0.	0.	0.
411	Program Determined	Program Determined	0.	0.	0.	0.
413	Program Determined	Program Determined	0.	0.	0.	0.
415	Program Determined	Program Determined	0.	0.	0.	0.
416	Program Determined	Program Determined	0.	0.	0.	0.
421	Program Determined	Program Determined	0.	0.	0.	0.
422	Program Determined	Program Determined	0.	0.	0.	0.
423	Program Determined	Program Determined	0.	0.	0.	0.
424	Program Determined	Program Determined	0.	0.	0.	0.
425	Program Determined	Program Determined	0.	0.	0.	0.
426	Program Determined	Program Determined	0.	0.	0.	0.
430	Program Determined	Program Determined	0.	0.	0.	0.
431	Program Determined	Program Determined	0.	0.	0.	0.
445	Program Determined	Program Determined	0.	0.	0.	0.
446	Program Determined	Program Determined	0.	0.	0.	0.
448	Program Determined	Program Determined	0.	0.	0.	0.
449	Program Determined	Program Determined	0.	0.	0.	0.
450	Program Determined	Program Determined	0.	0.	0.	0.
451	Program Determined	Program Determined	0.	0.	0.	0.
459	Program Determined	Program Determined	0.	0.	0.	0.
460	Program Determined	Program Determined	0.	0.	0.	0.
461	Program Determined	Program Determined	0.	0.	0.	0.
462	Program Determined	Program Determined	0.	0.	0.	0.
465	Program Determined	Program Determined	0.	0.	0.	0.
468	Program Determined	Program Determined	0.	0.	0.	0.
469	Program Determined	Program Determined	0.	0.	0.	0.
470	Program Determined	Program Determined	0.	0.	0.	0.
471	Program Determined	Program Determined	0.	0.	0.	0.
472	Program Determined	Program Determined	0.	0.	0.	0.
473	Program Determined	Program Determined	0.	0.	0.	0.
474	Program Determined	Program Determined	0.	0.	0.	0.
475	Program Determined	Program Determined	0.	0.	0.	0.
478	Program Determined	Program Determined	0.	0.	0.	0.
480	Program Determined	Program Determined	0.	0.	0.	0.
483	Program Determined	Program Determined	0.	0.	0.	0.
484	Program Determined	Program Determined	0.	0.	0.	0.
493	Program Determined	Program Determined	0.	0.	0.	0.
495	Program Determined	Program Determined	0.	0.	0.	0.
496	Program Determined	Program Determined	0.	0.	0.	0.
517	Program Determined	Program Determined	0.	0.	0.	0.
526	Program Determined	Program Determined	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 1 of 7

Frame	DesignSect	FrameType	Fy	RLLF	AreaRatio	XLMajor
			Tonf/m2			
529	Program Determined	Program Determined	0.	0.	0.	0.
532	Program Determined	Program Determined	0.	0.	0.	0.
535	Program Determined	Program Determined	0.	0.	0.	0.
538	Program Determined	Program Determined	0.	0.	0.	0.
541	Program Determined	Program Determined	0.	0.	0.	0.
544	Program Determined	Program Determined	0.	0.	0.	0.
547	Program Determined	Program Determined	0.	0.	0.	0.
550	Program Determined	Program Determined	0.	0.	0.	0.
553	Program Determined	Program Determined	0.	0.	0.	0.
556	Program Determined	Program Determined	0.	0.	0.	0.
557	Program Determined	Program Determined	0.	0.	0.	0.
558	Program Determined	Program Determined	0.	0.	0.	0.
559	Program Determined	Program Determined	0.	0.	0.	0.
560	Program Determined	Program Determined	0.	0.	0.	0.
561	Program Determined	Program Determined	0.	0.	0.	0.
562	Program Determined	Program Determined	0.	0.	0.	0.
564	Program Determined	Program Determined	0.	0.	0.	0.
565	Program Determined	Program Determined	0.	0.	0.	0.
566	Program Determined	Program Determined	0.	0.	0.	0.
567	Program Determined	Program Determined	0.	0.	0.	0.
568	Program Determined	Program Determined	0.	0.	0.	0.
569	Program Determined	Program Determined	0.	0.	0.	0.
570	Program Determined	Program Determined	0.	0.	0.	0.
571	Program Determined	Program Determined	0.	0.	0.	0.
572	Program Determined	Program Determined	0.	0.	0.	0.
573	Program Determined	Program Determined	0.	0.	0.	0.
574	Program Determined	Program Determined	0.	0.	0.	0.
575	Program Determined	Program Determined	0.	0.	0.	0.
576	Program Determined	Program Determined	0.	0.	0.	0.
577	Program Determined	Program Determined	0.	0.	0.	0.
578	Program Determined	Program Determined	0.	0.	0.	0.
581	Program Determined	Program Determined	0.	0.	0.	0.
582	Program Determined	Program Determined	0.	0.	0.	0.
585	Program Determined	Program Determined	0.	0.	0.	0.
586	Program Determined	Program Determined	0.	0.	0.	0.
587	Program Determined	Program Determined	0.	0.	0.	0.
590	Program Determined	Program Determined	0.	0.	0.	0.
593	Program Determined	Program Determined	0.	0.	0.	0.
596	Program Determined	Program Determined	0.	0.	0.	0.
599	Program Determined	Program Determined	0.	0.	0.	0.
610	Program Determined	Program Determined	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Table 36: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Frame	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor	KLTB
313	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.
81	0.	0.	0.	0.	0.	0.	0.
85	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Frame	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor	KLTB
86	0.	0.	0.	0.	0.	0.	0.
89	0.	0.	0.	0.	0.	0.	0.
90	0.	0.	0.	0.	0.	0.	0.
91	0.	0.	0.	0.	0.	0.	0.
92	0.	0.	0.	0.	0.	0.	0.
95	0.	0.	0.	0.	0.	0.	0.
97	0.	0.	0.	0.	0.	0.	0.
98	0.	0.	0.	0.	0.	0.	0.
103	0.	0.	0.	0.	0.	0.	0.
107	0.	0.	0.	0.	0.	0.	0.
108	0.	0.	0.	0.	0.	0.	0.
109	0.	0.	0.	0.	0.	0.	0.
110	0.	0.	0.	0.	0.	0.	0.
111	0.	0.	0.	0.	0.	0.	0.
112	0.	0.	0.	0.	0.	0.	0.
125	0.	0.	0.	0.	0.	0.	0.
126	0.	0.	0.	0.	0.	0.	0.
127	0.	0.	0.	0.	0.	0.	0.
128	0.	0.	0.	0.	0.	0.	0.
131	0.	0.	0.	0.	0.	0.	0.
140	0.	0.	0.	0.	0.	0.	0.
141	0.	0.	0.	0.	0.	0.	0.
157	0.	0.	0.	0.	0.	0.	0.
172	0.	0.	0.	0.	0.	0.	0.
180	0.	0.	0.	0.	0.	0.	0.
181	0.	0.	0.	0.	0.	0.	0.
182	0.	0.	0.	0.	0.	0.	0.
183	0.	0.	0.	0.	0.	0.	0.
186	0.	0.	0.	0.	0.	0.	0.
190	0.	0.	0.	0.	0.	0.	0.
196	0.	0.	0.	0.	0.	0.	0.
197	0.	0.	0.	0.	0.	0.	0.
199	0.	0.	0.	0.	0.	0.	0.
200	0.	0.	0.	0.	0.	0.	0.
201	0.	0.	0.	0.	0.	0.	0.
202	0.	0.	0.	0.	0.	0.	0.
348	0.	0.	0.	0.	0.	0.	0.
349	0.	0.	0.	0.	0.	0.	0.
350	0.	0.	0.	0.	0.	0.	0.
351	0.	0.	0.	0.	0.	0.	0.
352	0.	0.	0.	0.	0.	0.	0.
353	0.	0.	0.	0.	0.	0.	0.
354	0.	0.	0.	0.	0.	0.	0.
355	0.	0.	0.	0.	0.	0.	0.
356	0.	0.	0.	0.	0.	0.	0.
357	0.	0.	0.	0.	0.	0.	0.
360	0.	0.	0.	0.	0.	0.	0.
361	0.	0.	0.	0.	0.	0.	0.
362	0.	0.	0.	0.	0.	0.	0.
363	0.	0.	0.	0.	0.	0.	0.
364	0.	0.	0.	0.	0.	0.	0.
365	0.	0.	0.	0.	0.	0.	0.
366	0.	0.	0.	0.	0.	0.	0.
367	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Frame	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor	KLTB
368	0.	0.	0.	0.	0.	0.	0.
369	0.	0.	0.	0.	0.	0.	0.
406	0.	0.	0.	0.	0.	0.	0.
407	0.	0.	0.	0.	0.	0.	0.
408	0.	0.	0.	0.	0.	0.	0.
409	0.	0.	0.	0.	0.	0.	0.
410	0.	0.	0.	0.	0.	0.	0.
411	0.	0.	0.	0.	0.	0.	0.
413	0.	0.	0.	0.	0.	0.	0.
415	0.	0.	0.	0.	0.	0.	0.
416	0.	0.	0.	0.	0.	0.	0.
421	0.	0.	0.	0.	0.	0.	0.
422	0.	0.	0.	0.	0.	0.	0.
423	0.	0.	0.	0.	0.	0.	0.
424	0.	0.	0.	0.	0.	0.	0.
425	0.	0.	0.	0.	0.	0.	0.
426	0.	0.	0.	0.	0.	0.	0.
430	0.	0.	0.	0.	0.	0.	0.
431	0.	0.	0.	0.	0.	0.	0.
445	0.	0.	0.	0.	0.	0.	0.
446	0.	0.	0.	0.	0.	0.	0.
448	0.	0.	0.	0.	0.	0.	0.
449	0.	0.	0.	0.	0.	0.	0.
450	0.	0.	0.	0.	0.	0.	0.
451	0.	0.	0.	0.	0.	0.	0.
459	0.	0.	0.	0.	0.	0.	0.
460	0.	0.	0.	0.	0.	0.	0.
461	0.	0.	0.	0.	0.	0.	0.
462	0.	0.	0.	0.	0.	0.	0.
465	0.	0.	0.	0.	0.	0.	0.
468	0.	0.	0.	0.	0.	0.	0.
469	0.	0.	0.	0.	0.	0.	0.
470	0.	0.	0.	0.	0.	0.	0.
471	0.	0.	0.	0.	0.	0.	0.
472	0.	0.	0.	0.	0.	0.	0.
473	0.	0.	0.	0.	0.	0.	0.
474	0.	0.	0.	0.	0.	0.	0.
475	0.	0.	0.	0.	0.	0.	0.
478	0.	0.	0.	0.	0.	0.	0.
480	0.	0.	0.	0.	0.	0.	0.
483	0.	0.	0.	0.	0.	0.	0.
484	0.	0.	0.	0.	0.	0.	0.
493	0.	0.	0.	0.	0.	0.	0.
495	0.	0.	0.	0.	0.	0.	0.
496	0.	0.	0.	0.	0.	0.	0.
517	0.	0.	0.	0.	0.	0.	0.
526	0.	0.	0.	0.	0.	0.	0.
529	0.	0.	0.	0.	0.	0.	0.
532	0.	0.	0.	0.	0.	0.	0.
535	0.	0.	0.	0.	0.	0.	0.
538	0.	0.	0.	0.	0.	0.	0.
541	0.	0.	0.	0.	0.	0.	0.
544	0.	0.	0.	0.	0.	0.	0.
547	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 2 of 7

Frame	XLMinor	XLLTB	K1Major	K1Minor	K2Major	K2Minor	KLTB
550	0.	0.	0.	0.	0.	0.	0.
553	0.	0.	0.	0.	0.	0.	0.
556	0.	0.	0.	0.	0.	0.	0.
557	0.	0.	0.	0.	0.	0.	0.
558	0.	0.	0.	0.	0.	0.	0.
559	0.	0.	0.	0.	0.	0.	0.
560	0.	0.	0.	0.	0.	0.	0.
561	0.	0.	0.	0.	0.	0.	0.
562	0.	0.	0.	0.	0.	0.	0.
564	0.	0.	0.	0.	0.	0.	0.
565	0.	0.	0.	0.	0.	0.	0.
566	0.	0.	0.	0.	0.	0.	0.
567	0.	0.	0.	0.	0.	0.	0.
568	0.	0.	0.	0.	0.	0.	0.
569	0.	0.	0.	0.	0.	0.	0.
570	0.	0.	0.	0.	0.	0.	0.
571	0.	0.	0.	0.	0.	0.	0.
572	0.	0.	0.	0.	0.	0.	0.
573	0.	0.	0.	0.	0.	0.	0.
574	0.	0.	0.	0.	0.	0.	0.
575	0.	0.	0.	0.	0.	0.	0.
576	0.	0.	0.	0.	0.	0.	0.
577	0.	0.	0.	0.	0.	0.	0.
578	0.	0.	0.	0.	0.	0.	0.
581	0.	0.	0.	0.	0.	0.	0.
582	0.	0.	0.	0.	0.	0.	0.
585	0.	0.	0.	0.	0.	0.	0.
586	0.	0.	0.	0.	0.	0.	0.
587	0.	0.	0.	0.	0.	0.	0.
590	0.	0.	0.	0.	0.	0.	0.
593	0.	0.	0.	0.	0.	0.	0.
596	0.	0.	0.	0.	0.	0.	0.
599	0.	0.	0.	0.	0.	0.	0.
610	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Table 36: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Frame	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor
313	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.
81	0.	0.	0.	0.	0.	0.	0.
85	0.	0.	0.	0.	0.	0.	0.
86	0.	0.	0.	0.	0.	0.	0.
89	0.	0.	0.	0.	0.	0.	0.
90	0.	0.	0.	0.	0.	0.	0.
91	0.	0.	0.	0.	0.	0.	0.
92	0.	0.	0.	0.	0.	0.	0.
95	0.	0.	0.	0.	0.	0.	0.
97	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Frame	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor
98	0.	0.	0.	0.	0.	0.	0.
103	0.	0.	0.	0.	0.	0.	0.
107	0.	0.	0.	0.	0.	0.	0.
108	0.	0.	0.	0.	0.	0.	0.
109	0.	0.	0.	0.	0.	0.	0.
110	0.	0.	0.	0.	0.	0.	0.
111	0.	0.	0.	0.	0.	0.	0.
112	0.	0.	0.	0.	0.	0.	0.
125	0.	0.	0.	0.	0.	0.	0.
126	0.	0.	0.	0.	0.	0.	0.
127	0.	0.	0.	0.	0.	0.	0.
128	0.	0.	0.	0.	0.	0.	0.
131	0.	0.	0.	0.	0.	0.	0.
140	0.	0.	0.	0.	0.	0.	0.
141	0.	0.	0.	0.	0.	0.	0.
157	0.	0.	0.	0.	0.	0.	0.
172	0.	0.	0.	0.	0.	0.	0.
180	0.	0.	0.	0.	0.	0.	0.
181	0.	0.	0.	0.	0.	0.	0.
182	0.	0.	0.	0.	0.	0.	0.
183	0.	0.	0.	0.	0.	0.	0.
186	0.	0.	0.	0.	0.	0.	0.
190	0.	0.	0.	0.	0.	0.	0.
196	0.	0.	0.	0.	0.	0.	0.
197	0.	0.	0.	0.	0.	0.	0.
199	0.	0.	0.	0.	0.	0.	0.
200	0.	0.	0.	0.	0.	0.	0.
201	0.	0.	0.	0.	0.	0.	0.
202	0.	0.	0.	0.	0.	0.	0.
348	0.	0.	0.	0.	0.	0.	0.
349	0.	0.	0.	0.	0.	0.	0.
350	0.	0.	0.	0.	0.	0.	0.
351	0.	0.	0.	0.	0.	0.	0.
352	0.	0.	0.	0.	0.	0.	0.
353	0.	0.	0.	0.	0.	0.	0.
354	0.	0.	0.	0.	0.	0.	0.
355	0.	0.	0.	0.	0.	0.	0.
356	0.	0.	0.	0.	0.	0.	0.
357	0.	0.	0.	0.	0.	0.	0.
360	0.	0.	0.	0.	0.	0.	0.
361	0.	0.	0.	0.	0.	0.	0.
362	0.	0.	0.	0.	0.	0.	0.
363	0.	0.	0.	0.	0.	0.	0.
364	0.	0.	0.	0.	0.	0.	0.
365	0.	0.	0.	0.	0.	0.	0.
366	0.	0.	0.	0.	0.	0.	0.
367	0.	0.	0.	0.	0.	0.	0.
368	0.	0.	0.	0.	0.	0.	0.
369	0.	0.	0.	0.	0.	0.	0.
406	0.	0.	0.	0.	0.	0.	0.
407	0.	0.	0.	0.	0.	0.	0.
408	0.	0.	0.	0.	0.	0.	0.
409	0.	0.	0.	0.	0.	0.	0.
410	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Frame	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor
411	0.	0.	0.	0.	0.	0.	0.
413	0.	0.	0.	0.	0.	0.	0.
415	0.	0.	0.	0.	0.	0.	0.
416	0.	0.	0.	0.	0.	0.	0.
421	0.	0.	0.	0.	0.	0.	0.
422	0.	0.	0.	0.	0.	0.	0.
423	0.	0.	0.	0.	0.	0.	0.
424	0.	0.	0.	0.	0.	0.	0.
425	0.	0.	0.	0.	0.	0.	0.
426	0.	0.	0.	0.	0.	0.	0.
430	0.	0.	0.	0.	0.	0.	0.
431	0.	0.	0.	0.	0.	0.	0.
445	0.	0.	0.	0.	0.	0.	0.
446	0.	0.	0.	0.	0.	0.	0.
448	0.	0.	0.	0.	0.	0.	0.
449	0.	0.	0.	0.	0.	0.	0.
450	0.	0.	0.	0.	0.	0.	0.
451	0.	0.	0.	0.	0.	0.	0.
459	0.	0.	0.	0.	0.	0.	0.
460	0.	0.	0.	0.	0.	0.	0.
461	0.	0.	0.	0.	0.	0.	0.
462	0.	0.	0.	0.	0.	0.	0.
465	0.	0.	0.	0.	0.	0.	0.
468	0.	0.	0.	0.	0.	0.	0.
469	0.	0.	0.	0.	0.	0.	0.
470	0.	0.	0.	0.	0.	0.	0.
471	0.	0.	0.	0.	0.	0.	0.
472	0.	0.	0.	0.	0.	0.	0.
473	0.	0.	0.	0.	0.	0.	0.
474	0.	0.	0.	0.	0.	0.	0.
475	0.	0.	0.	0.	0.	0.	0.
478	0.	0.	0.	0.	0.	0.	0.
480	0.	0.	0.	0.	0.	0.	0.
483	0.	0.	0.	0.	0.	0.	0.
484	0.	0.	0.	0.	0.	0.	0.
493	0.	0.	0.	0.	0.	0.	0.
495	0.	0.	0.	0.	0.	0.	0.
496	0.	0.	0.	0.	0.	0.	0.
517	0.	0.	0.	0.	0.	0.	0.
526	0.	0.	0.	0.	0.	0.	0.
529	0.	0.	0.	0.	0.	0.	0.
532	0.	0.	0.	0.	0.	0.	0.
535	0.	0.	0.	0.	0.	0.	0.
538	0.	0.	0.	0.	0.	0.	0.
541	0.	0.	0.	0.	0.	0.	0.
544	0.	0.	0.	0.	0.	0.	0.
547	0.	0.	0.	0.	0.	0.	0.
550	0.	0.	0.	0.	0.	0.	0.
553	0.	0.	0.	0.	0.	0.	0.
556	0.	0.	0.	0.	0.	0.	0.
557	0.	0.	0.	0.	0.	0.	0.
558	0.	0.	0.	0.	0.	0.	0.
559	0.	0.	0.	0.	0.	0.	0.
560	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 3 of 7

Frame	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor
561	0.	0.	0.	0.	0.	0.	0.
562	0.	0.	0.	0.	0.	0.	0.
564	0.	0.	0.	0.	0.	0.	0.
565	0.	0.	0.	0.	0.	0.	0.
566	0.	0.	0.	0.	0.	0.	0.
567	0.	0.	0.	0.	0.	0.	0.
568	0.	0.	0.	0.	0.	0.	0.
569	0.	0.	0.	0.	0.	0.	0.
570	0.	0.	0.	0.	0.	0.	0.
571	0.	0.	0.	0.	0.	0.	0.
572	0.	0.	0.	0.	0.	0.	0.
573	0.	0.	0.	0.	0.	0.	0.
574	0.	0.	0.	0.	0.	0.	0.
575	0.	0.	0.	0.	0.	0.	0.
576	0.	0.	0.	0.	0.	0.	0.
577	0.	0.	0.	0.	0.	0.	0.
578	0.	0.	0.	0.	0.	0.	0.
581	0.	0.	0.	0.	0.	0.	0.
582	0.	0.	0.	0.	0.	0.	0.
585	0.	0.	0.	0.	0.	0.	0.
586	0.	0.	0.	0.	0.	0.	0.
587	0.	0.	0.	0.	0.	0.	0.
590	0.	0.	0.	0.	0.	0.	0.
593	0.	0.	0.	0.	0.	0.	0.
596	0.	0.	0.	0.	0.	0.	0.
599	0.	0.	0.	0.	0.	0.	0.
610	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Table 36: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					Tonf	Tonf	Tonf-m
313	Program Determined	Program Determined	0.	0.	0.	0.	0.
23	Program Determined	Program Determined	0.	0.	0.	0.	0.
30	Program Determined	Program Determined	0.	0.	0.	0.	0.
35	Program Determined	Program Determined	0.	0.	0.	0.	0.
81	Program Determined	Program Determined	0.	0.	0.	0.	0.
85	Program Determined	Program Determined	0.	0.	0.	0.	0.
86	Program Determined	Program Determined	0.	0.	0.	0.	0.
89	Program Determined	Program Determined	0.	0.	0.	0.	0.
90	Program Determined	Program Determined	0.	0.	0.	0.	0.
91	Program Determined	Program Determined	0.	0.	0.	0.	0.
92	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					Tonf	Tonf	Tonf-m
95	Program Determined	Program Determined	0.	0.	0.	0.	0.
97	Program Determined	Program Determined	0.	0.	0.	0.	0.
98	Program Determined	Program Determined	0.	0.	0.	0.	0.
103	Program Determined	Program Determined	0.	0.	0.	0.	0.
107	Program Determined	Program Determined	0.	0.	0.	0.	0.
108	Program Determined	Program Determined	0.	0.	0.	0.	0.
109	Program Determined	Program Determined	0.	0.	0.	0.	0.
110	Program Determined	Program Determined	0.	0.	0.	0.	0.
111	Program Determined	Program Determined	0.	0.	0.	0.	0.
112	Program Determined	Program Determined	0.	0.	0.	0.	0.
125	Program Determined	Program Determined	0.	0.	0.	0.	0.
126	Program Determined	Program Determined	0.	0.	0.	0.	0.
127	Program Determined	Program Determined	0.	0.	0.	0.	0.
128	Program Determined	Program Determined	0.	0.	0.	0.	0.
131	Program Determined	Program Determined	0.	0.	0.	0.	0.
140	Program Determined	Program Determined	0.	0.	0.	0.	0.
141	Program Determined	Program Determined	0.	0.	0.	0.	0.
157	Program Determined	Program Determined	0.	0.	0.	0.	0.
172	Program Determined	Program Determined	0.	0.	0.	0.	0.
180	Program Determined	Program Determined	0.	0.	0.	0.	0.
181	Program Determined	Program Determined	0.	0.	0.	0.	0.
182	Program Determined	Program Determined	0.	0.	0.	0.	0.
183	Program Determined	Program Determined	0.	0.	0.	0.	0.
186	Program Determined	Program Determined	0.	0.	0.	0.	0.
190	Program Determined	Program Determined	0.	0.	0.	0.	0.
196	Program Determined	Program Determined	0.	0.	0.	0.	0.
197	Program Determined	Program Determined	0.	0.	0.	0.	0.
199	Program Determined	Program Determined	0.	0.	0.	0.	0.
200	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					Tonf	Tonf	Tonf-m
201	Program Determined	Program Determined	0.	0.	0.	0.	0.
202	Program Determined	Program Determined	0.	0.	0.	0.	0.
348	Program Determined	Program Determined	0.	0.	0.	0.	0.
349	Program Determined	Program Determined	0.	0.	0.	0.	0.
350	Program Determined	Program Determined	0.	0.	0.	0.	0.
351	Program Determined	Program Determined	0.	0.	0.	0.	0.
352	Program Determined	Program Determined	0.	0.	0.	0.	0.
353	Program Determined	Program Determined	0.	0.	0.	0.	0.
354	Program Determined	Program Determined	0.	0.	0.	0.	0.
355	Program Determined	Program Determined	0.	0.	0.	0.	0.
356	Program Determined	Program Determined	0.	0.	0.	0.	0.
357	Program Determined	Program Determined	0.	0.	0.	0.	0.
360	Program Determined	Program Determined	0.	0.	0.	0.	0.
361	Program Determined	Program Determined	0.	0.	0.	0.	0.
362	Program Determined	Program Determined	0.	0.	0.	0.	0.
363	Program Determined	Program Determined	0.	0.	0.	0.	0.
364	Program Determined	Program Determined	0.	0.	0.	0.	0.
365	Program Determined	Program Determined	0.	0.	0.	0.	0.
366	Program Determined	Program Determined	0.	0.	0.	0.	0.
367	Program Determined	Program Determined	0.	0.	0.	0.	0.
368	Program Determined	Program Determined	0.	0.	0.	0.	0.
369	Program Determined	Program Determined	0.	0.	0.	0.	0.
406	Program Determined	Program Determined	0.	0.	0.	0.	0.
407	Program Determined	Program Determined	0.	0.	0.	0.	0.
408	Program Determined	Program Determined	0.	0.	0.	0.	0.
409	Program Determined	Program Determined	0.	0.	0.	0.	0.
410	Program Determined	Program Determined	0.	0.	0.	0.	0.
411	Program Determined	Program Determined	0.	0.	0.	0.	0.
413	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					Tonf	Tonf	Tonf-m
415	Program Determined	Program Determined	0.	0.	0.	0.	0.
416	Program Determined	Program Determined	0.	0.	0.	0.	0.
421	Program Determined	Program Determined	0.	0.	0.	0.	0.
422	Program Determined	Program Determined	0.	0.	0.	0.	0.
423	Program Determined	Program Determined	0.	0.	0.	0.	0.
424	Program Determined	Program Determined	0.	0.	0.	0.	0.
425	Program Determined	Program Determined	0.	0.	0.	0.	0.
426	Program Determined	Program Determined	0.	0.	0.	0.	0.
430	Program Determined	Program Determined	0.	0.	0.	0.	0.
431	Program Determined	Program Determined	0.	0.	0.	0.	0.
445	Program Determined	Program Determined	0.	0.	0.	0.	0.
446	Program Determined	Program Determined	0.	0.	0.	0.	0.
448	Program Determined	Program Determined	0.	0.	0.	0.	0.
449	Program Determined	Program Determined	0.	0.	0.	0.	0.
450	Program Determined	Program Determined	0.	0.	0.	0.	0.
451	Program Determined	Program Determined	0.	0.	0.	0.	0.
459	Program Determined	Program Determined	0.	0.	0.	0.	0.
460	Program Determined	Program Determined	0.	0.	0.	0.	0.
461	Program Determined	Program Determined	0.	0.	0.	0.	0.
462	Program Determined	Program Determined	0.	0.	0.	0.	0.
465	Program Determined	Program Determined	0.	0.	0.	0.	0.
468	Program Determined	Program Determined	0.	0.	0.	0.	0.
469	Program Determined	Program Determined	0.	0.	0.	0.	0.
470	Program Determined	Program Determined	0.	0.	0.	0.	0.
471	Program Determined	Program Determined	0.	0.	0.	0.	0.
472	Program Determined	Program Determined	0.	0.	0.	0.	0.
473	Program Determined	Program Determined	0.	0.	0.	0.	0.
474	Program Determined	Program Determined	0.	0.	0.	0.	0.
475	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					Tonf	Tonf	Tonf-m
478	Program Determined	Program Determined	0.	0.	0.	0.	0.
480	Program Determined	Program Determined	0.	0.	0.	0.	0.
483	Program Determined	Program Determined	0.	0.	0.	0.	0.
484	Program Determined	Program Determined	0.	0.	0.	0.	0.
493	Program Determined	Program Determined	0.	0.	0.	0.	0.
495	Program Determined	Program Determined	0.	0.	0.	0.	0.
496	Program Determined	Program Determined	0.	0.	0.	0.	0.
517	Program Determined	Program Determined	0.	0.	0.	0.	0.
526	Program Determined	Program Determined	0.	0.	0.	0.	0.
529	Program Determined	Program Determined	0.	0.	0.	0.	0.
532	Program Determined	Program Determined	0.	0.	0.	0.	0.
535	Program Determined	Program Determined	0.	0.	0.	0.	0.
538	Program Determined	Program Determined	0.	0.	0.	0.	0.
541	Program Determined	Program Determined	0.	0.	0.	0.	0.
544	Program Determined	Program Determined	0.	0.	0.	0.	0.
547	Program Determined	Program Determined	0.	0.	0.	0.	0.
550	Program Determined	Program Determined	0.	0.	0.	0.	0.
553	Program Determined	Program Determined	0.	0.	0.	0.	0.
556	Program Determined	Program Determined	0.	0.	0.	0.	0.
557	Program Determined	Program Determined	0.	0.	0.	0.	0.
558	Program Determined	Program Determined	0.	0.	0.	0.	0.
559	Program Determined	Program Determined	0.	0.	0.	0.	0.
560	Program Determined	Program Determined	0.	0.	0.	0.	0.
561	Program Determined	Program Determined	0.	0.	0.	0.	0.
562	Program Determined	Program Determined	0.	0.	0.	0.	0.
564	Program Determined	Program Determined	0.	0.	0.	0.	0.
565	Program Determined	Program Determined	0.	0.	0.	0.	0.
566	Program Determined	Program Determined	0.	0.	0.	0.	0.
567	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 4 of 7

Frame	HSSReduceT	HSSWelding	Omega0	Ry	Pnc	Pnt	Mn3
					Tonf	Tonf	Tonf-m
568	Program Determined	Program Determined	0.	0.	0.	0.	0.
569	Program Determined	Program Determined	0.	0.	0.	0.	0.
570	Program Determined	Program Determined	0.	0.	0.	0.	0.
571	Program Determined	Program Determined	0.	0.	0.	0.	0.
572	Program Determined	Program Determined	0.	0.	0.	0.	0.
573	Program Determined	Program Determined	0.	0.	0.	0.	0.
574	Program Determined	Program Determined	0.	0.	0.	0.	0.
575	Program Determined	Program Determined	0.	0.	0.	0.	0.
576	Program Determined	Program Determined	0.	0.	0.	0.	0.
577	Program Determined	Program Determined	0.	0.	0.	0.	0.
578	Program Determined	Program Determined	0.	0.	0.	0.	0.
581	Program Determined	Program Determined	0.	0.	0.	0.	0.
582	Program Determined	Program Determined	0.	0.	0.	0.	0.
585	Program Determined	Program Determined	0.	0.	0.	0.	0.
586	Program Determined	Program Determined	0.	0.	0.	0.	0.
587	Program Determined	Program Determined	0.	0.	0.	0.	0.
590	Program Determined	Program Determined	0.	0.	0.	0.	0.
593	Program Determined	Program Determined	0.	0.	0.	0.	0.
596	Program Determined	Program Determined	0.	0.	0.	0.	0.
599	Program Determined	Program Determined	0.	0.	0.	0.	0.
610	Program Determined	Program Determined	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Table 36: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	Tonf-m	Tonf	Tonf				
313	0.	0.	0.	Program Determined	Program Determined	0.	0.
23	0.	0.	0.	Program Determined	Program Determined	0.	0.
30	0.	0.	0.	Program Determined	Program Determined	0.	0.
35	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	Tonf-m	Tonf	Tonf				
81	0.	0.	0.	Program Determined	Program Determined	0.	0.
85	0.	0.	0.	Program Determined	Program Determined	0.	0.
86	0.	0.	0.	Program Determined	Program Determined	0.	0.
89	0.	0.	0.	Program Determined	Program Determined	0.	0.
90	0.	0.	0.	Program Determined	Program Determined	0.	0.
91	0.	0.	0.	Program Determined	Program Determined	0.	0.
92	0.	0.	0.	Program Determined	Program Determined	0.	0.
95	0.	0.	0.	Program Determined	Program Determined	0.	0.
97	0.	0.	0.	Program Determined	Program Determined	0.	0.
98	0.	0.	0.	Program Determined	Program Determined	0.	0.
103	0.	0.	0.	Program Determined	Program Determined	0.	0.
107	0.	0.	0.	Program Determined	Program Determined	0.	0.
108	0.	0.	0.	Program Determined	Program Determined	0.	0.
109	0.	0.	0.	Program Determined	Program Determined	0.	0.
110	0.	0.	0.	Program Determined	Program Determined	0.	0.
111	0.	0.	0.	Program Determined	Program Determined	0.	0.
112	0.	0.	0.	Program Determined	Program Determined	0.	0.
125	0.	0.	0.	Program Determined	Program Determined	0.	0.
126	0.	0.	0.	Program Determined	Program Determined	0.	0.
127	0.	0.	0.	Program Determined	Program Determined	0.	0.
128	0.	0.	0.	Program Determined	Program Determined	0.	0.
131	0.	0.	0.	Program Determined	Program Determined	0.	0.
140	0.	0.	0.	Program Determined	Program Determined	0.	0.
141	0.	0.	0.	Program Determined	Program Determined	0.	0.
157	0.	0.	0.	Program Determined	Program Determined	0.	0.
172	0.	0.	0.	Program Determined	Program Determined	0.	0.
180	0.	0.	0.	Program Determined	Program Determined	0.	0.
181	0.	0.	0.	Program Determined	Program Determined	0.	0.
182	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	Tonf-m	Tonf	Tonf				
183	0.	0.	0.	Program Determined	Program Determined	0.	0.
186	0.	0.	0.	Program Determined	Program Determined	0.	0.
190	0.	0.	0.	Program Determined	Program Determined	0.	0.
196	0.	0.	0.	Program Determined	Program Determined	0.	0.
197	0.	0.	0.	Program Determined	Program Determined	0.	0.
199	0.	0.	0.	Program Determined	Program Determined	0.	0.
200	0.	0.	0.	Program Determined	Program Determined	0.	0.
201	0.	0.	0.	Program Determined	Program Determined	0.	0.
202	0.	0.	0.	Program Determined	Program Determined	0.	0.
348	0.	0.	0.	Program Determined	Program Determined	0.	0.
349	0.	0.	0.	Program Determined	Program Determined	0.	0.
350	0.	0.	0.	Program Determined	Program Determined	0.	0.
351	0.	0.	0.	Program Determined	Program Determined	0.	0.
352	0.	0.	0.	Program Determined	Program Determined	0.	0.
353	0.	0.	0.	Program Determined	Program Determined	0.	0.
354	0.	0.	0.	Program Determined	Program Determined	0.	0.
355	0.	0.	0.	Program Determined	Program Determined	0.	0.
356	0.	0.	0.	Program Determined	Program Determined	0.	0.
357	0.	0.	0.	Program Determined	Program Determined	0.	0.
360	0.	0.	0.	Program Determined	Program Determined	0.	0.
361	0.	0.	0.	Program Determined	Program Determined	0.	0.
362	0.	0.	0.	Program Determined	Program Determined	0.	0.
363	0.	0.	0.	Program Determined	Program Determined	0.	0.
364	0.	0.	0.	Program Determined	Program Determined	0.	0.
365	0.	0.	0.	Program Determined	Program Determined	0.	0.
366	0.	0.	0.	Program Determined	Program Determined	0.	0.
367	0.	0.	0.	Program Determined	Program Determined	0.	0.
368	0.	0.	0.	Program Determined	Program Determined	0.	0.
369	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	Tonf-m	Tonf	Tonf				
406	0.	0.	0.	Program Determined	Program Determined	0.	0.
407	0.	0.	0.	Program Determined	Program Determined	0.	0.
408	0.	0.	0.	Program Determined	Program Determined	0.	0.
409	0.	0.	0.	Program Determined	Program Determined	0.	0.
410	0.	0.	0.	Program Determined	Program Determined	0.	0.
411	0.	0.	0.	Program Determined	Program Determined	0.	0.
413	0.	0.	0.	Program Determined	Program Determined	0.	0.
415	0.	0.	0.	Program Determined	Program Determined	0.	0.
416	0.	0.	0.	Program Determined	Program Determined	0.	0.
421	0.	0.	0.	Program Determined	Program Determined	0.	0.
422	0.	0.	0.	Program Determined	Program Determined	0.	0.
423	0.	0.	0.	Program Determined	Program Determined	0.	0.
424	0.	0.	0.	Program Determined	Program Determined	0.	0.
425	0.	0.	0.	Program Determined	Program Determined	0.	0.
426	0.	0.	0.	Program Determined	Program Determined	0.	0.
430	0.	0.	0.	Program Determined	Program Determined	0.	0.
431	0.	0.	0.	Program Determined	Program Determined	0.	0.
445	0.	0.	0.	Program Determined	Program Determined	0.	0.
446	0.	0.	0.	Program Determined	Program Determined	0.	0.
448	0.	0.	0.	Program Determined	Program Determined	0.	0.
449	0.	0.	0.	Program Determined	Program Determined	0.	0.
450	0.	0.	0.	Program Determined	Program Determined	0.	0.
451	0.	0.	0.	Program Determined	Program Determined	0.	0.
459	0.	0.	0.	Program Determined	Program Determined	0.	0.
460	0.	0.	0.	Program Determined	Program Determined	0.	0.
461	0.	0.	0.	Program Determined	Program Determined	0.	0.
462	0.	0.	0.	Program Determined	Program Determined	0.	0.
465	0.	0.	0.	Program Determined	Program Determined	0.	0.
468	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	Tonf-m	Tonf	Tonf				
469	0.	0.	0.	Program Determined	Program Determined	0.	0.
470	0.	0.	0.	Program Determined	Program Determined	0.	0.
471	0.	0.	0.	Program Determined	Program Determined	0.	0.
472	0.	0.	0.	Program Determined	Program Determined	0.	0.
473	0.	0.	0.	Program Determined	Program Determined	0.	0.
474	0.	0.	0.	Program Determined	Program Determined	0.	0.
475	0.	0.	0.	Program Determined	Program Determined	0.	0.
478	0.	0.	0.	Program Determined	Program Determined	0.	0.
480	0.	0.	0.	Program Determined	Program Determined	0.	0.
483	0.	0.	0.	Program Determined	Program Determined	0.	0.
484	0.	0.	0.	Program Determined	Program Determined	0.	0.
493	0.	0.	0.	Program Determined	Program Determined	0.	0.
495	0.	0.	0.	Program Determined	Program Determined	0.	0.
496	0.	0.	0.	Program Determined	Program Determined	0.	0.
517	0.	0.	0.	Program Determined	Program Determined	0.	0.
526	0.	0.	0.	Program Determined	Program Determined	0.	0.
529	0.	0.	0.	Program Determined	Program Determined	0.	0.
532	0.	0.	0.	Program Determined	Program Determined	0.	0.
535	0.	0.	0.	Program Determined	Program Determined	0.	0.
538	0.	0.	0.	Program Determined	Program Determined	0.	0.
541	0.	0.	0.	Program Determined	Program Determined	0.	0.
544	0.	0.	0.	Program Determined	Program Determined	0.	0.
547	0.	0.	0.	Program Determined	Program Determined	0.	0.
550	0.	0.	0.	Program Determined	Program Determined	0.	0.
553	0.	0.	0.	Program Determined	Program Determined	0.	0.
556	0.	0.	0.	Program Determined	Program Determined	0.	0.
557	0.	0.	0.	Program Determined	Program Determined	0.	0.
558	0.	0.	0.	Program Determined	Program Determined	0.	0.
559	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 5 of 7

Frame	Mn2	Vn2	Vn3	CheckDefl	DeflType	DLRat	SDLAndLLRat
	Tonf-m	Tonf	Tonf				
560	0.	0.	0.	Program Determined	Program Determined	0.	0.
561	0.	0.	0.	Program Determined	Program Determined	0.	0.
562	0.	0.	0.	Program Determined	Program Determined	0.	0.
564	0.	0.	0.	Program Determined	Program Determined	0.	0.
565	0.	0.	0.	Program Determined	Program Determined	0.	0.
566	0.	0.	0.	Program Determined	Program Determined	0.	0.
567	0.	0.	0.	Program Determined	Program Determined	0.	0.
568	0.	0.	0.	Program Determined	Program Determined	0.	0.
569	0.	0.	0.	Program Determined	Program Determined	0.	0.
570	0.	0.	0.	Program Determined	Program Determined	0.	0.
571	0.	0.	0.	Program Determined	Program Determined	0.	0.
572	0.	0.	0.	Program Determined	Program Determined	0.	0.
573	0.	0.	0.	Program Determined	Program Determined	0.	0.
574	0.	0.	0.	Program Determined	Program Determined	0.	0.
575	0.	0.	0.	Program Determined	Program Determined	0.	0.
576	0.	0.	0.	Program Determined	Program Determined	0.	0.
577	0.	0.	0.	Program Determined	Program Determined	0.	0.
578	0.	0.	0.	Program Determined	Program Determined	0.	0.
581	0.	0.	0.	Program Determined	Program Determined	0.	0.
582	0.	0.	0.	Program Determined	Program Determined	0.	0.
585	0.	0.	0.	Program Determined	Program Determined	0.	0.
586	0.	0.	0.	Program Determined	Program Determined	0.	0.
587	0.	0.	0.	Program Determined	Program Determined	0.	0.
590	0.	0.	0.	Program Determined	Program Determined	0.	0.
593	0.	0.	0.	Program Determined	Program Determined	0.	0.
596	0.	0.	0.	Program Determined	Program Determined	0.	0.
599	0.	0.	0.	Program Determined	Program Determined	0.	0.
610	0.	0.	0.	Program Determined	Program Determined	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Table 36: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Frame	LLRat	TotalRat	NetRat	DLAbs	SDLAndLLAbs	LLAbs	TotalAbs
				m	m	m	m
313	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.
81	0.	0.	0.	0.	0.	0.	0.
85	0.	0.	0.	0.	0.	0.	0.
86	0.	0.	0.	0.	0.	0.	0.
89	0.	0.	0.	0.	0.	0.	0.
90	0.	0.	0.	0.	0.	0.	0.
91	0.	0.	0.	0.	0.	0.	0.
92	0.	0.	0.	0.	0.	0.	0.
95	0.	0.	0.	0.	0.	0.	0.
97	0.	0.	0.	0.	0.	0.	0.
98	0.	0.	0.	0.	0.	0.	0.
103	0.	0.	0.	0.	0.	0.	0.
107	0.	0.	0.	0.	0.	0.	0.
108	0.	0.	0.	0.	0.	0.	0.
109	0.	0.	0.	0.	0.	0.	0.
110	0.	0.	0.	0.	0.	0.	0.
111	0.	0.	0.	0.	0.	0.	0.
112	0.	0.	0.	0.	0.	0.	0.
125	0.	0.	0.	0.	0.	0.	0.
126	0.	0.	0.	0.	0.	0.	0.
127	0.	0.	0.	0.	0.	0.	0.
128	0.	0.	0.	0.	0.	0.	0.
131	0.	0.	0.	0.	0.	0.	0.
140	0.	0.	0.	0.	0.	0.	0.
141	0.	0.	0.	0.	0.	0.	0.
157	0.	0.	0.	0.	0.	0.	0.
172	0.	0.	0.	0.	0.	0.	0.
180	0.	0.	0.	0.	0.	0.	0.
181	0.	0.	0.	0.	0.	0.	0.
182	0.	0.	0.	0.	0.	0.	0.
183	0.	0.	0.	0.	0.	0.	0.
186	0.	0.	0.	0.	0.	0.	0.
190	0.	0.	0.	0.	0.	0.	0.
196	0.	0.	0.	0.	0.	0.	0.
197	0.	0.	0.	0.	0.	0.	0.
199	0.	0.	0.	0.	0.	0.	0.
200	0.	0.	0.	0.	0.	0.	0.
201	0.	0.	0.	0.	0.	0.	0.
202	0.	0.	0.	0.	0.	0.	0.
348	0.	0.	0.	0.	0.	0.	0.
349	0.	0.	0.	0.	0.	0.	0.
350	0.	0.	0.	0.	0.	0.	0.
351	0.	0.	0.	0.	0.	0.	0.
352	0.	0.	0.	0.	0.	0.	0.
353	0.	0.	0.	0.	0.	0.	0.
354	0.	0.	0.	0.	0.	0.	0.
355	0.	0.	0.	0.	0.	0.	0.
356	0.	0.	0.	0.	0.	0.	0.
357	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Frame	LLRat	TotalRat	NetRat	DLAbs	SDLAndLLAbs	LLAbs	TotalAbs
				m	m	m	m
360	0.	0.	0.	0.	0.	0.	0.
361	0.	0.	0.	0.	0.	0.	0.
362	0.	0.	0.	0.	0.	0.	0.
363	0.	0.	0.	0.	0.	0.	0.
364	0.	0.	0.	0.	0.	0.	0.
365	0.	0.	0.	0.	0.	0.	0.
366	0.	0.	0.	0.	0.	0.	0.
367	0.	0.	0.	0.	0.	0.	0.
368	0.	0.	0.	0.	0.	0.	0.
369	0.	0.	0.	0.	0.	0.	0.
406	0.	0.	0.	0.	0.	0.	0.
407	0.	0.	0.	0.	0.	0.	0.
408	0.	0.	0.	0.	0.	0.	0.
409	0.	0.	0.	0.	0.	0.	0.
410	0.	0.	0.	0.	0.	0.	0.
411	0.	0.	0.	0.	0.	0.	0.
413	0.	0.	0.	0.	0.	0.	0.
415	0.	0.	0.	0.	0.	0.	0.
416	0.	0.	0.	0.	0.	0.	0.
421	0.	0.	0.	0.	0.	0.	0.
422	0.	0.	0.	0.	0.	0.	0.
423	0.	0.	0.	0.	0.	0.	0.
424	0.	0.	0.	0.	0.	0.	0.
425	0.	0.	0.	0.	0.	0.	0.
426	0.	0.	0.	0.	0.	0.	0.
430	0.	0.	0.	0.	0.	0.	0.
431	0.	0.	0.	0.	0.	0.	0.
445	0.	0.	0.	0.	0.	0.	0.
446	0.	0.	0.	0.	0.	0.	0.
448	0.	0.	0.	0.	0.	0.	0.
449	0.	0.	0.	0.	0.	0.	0.
450	0.	0.	0.	0.	0.	0.	0.
451	0.	0.	0.	0.	0.	0.	0.
459	0.	0.	0.	0.	0.	0.	0.
460	0.	0.	0.	0.	0.	0.	0.
461	0.	0.	0.	0.	0.	0.	0.
462	0.	0.	0.	0.	0.	0.	0.
465	0.	0.	0.	0.	0.	0.	0.
468	0.	0.	0.	0.	0.	0.	0.
469	0.	0.	0.	0.	0.	0.	0.
470	0.	0.	0.	0.	0.	0.	0.
471	0.	0.	0.	0.	0.	0.	0.
472	0.	0.	0.	0.	0.	0.	0.
473	0.	0.	0.	0.	0.	0.	0.
474	0.	0.	0.	0.	0.	0.	0.
475	0.	0.	0.	0.	0.	0.	0.
478	0.	0.	0.	0.	0.	0.	0.
480	0.	0.	0.	0.	0.	0.	0.
483	0.	0.	0.	0.	0.	0.	0.
484	0.	0.	0.	0.	0.	0.	0.
493	0.	0.	0.	0.	0.	0.	0.
495	0.	0.	0.	0.	0.	0.	0.
496	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 6 of 7

Frame	LLRat	TotalRat	NetRat	DLAbs	SDLAndLLAbs	LLAbs	TotalAbs
				m	m	m	m
517	0.	0.	0.	0.	0.	0.	0.
526	0.	0.	0.	0.	0.	0.	0.
529	0.	0.	0.	0.	0.	0.	0.
532	0.	0.	0.	0.	0.	0.	0.
535	0.	0.	0.	0.	0.	0.	0.
538	0.	0.	0.	0.	0.	0.	0.
541	0.	0.	0.	0.	0.	0.	0.
544	0.	0.	0.	0.	0.	0.	0.
547	0.	0.	0.	0.	0.	0.	0.
550	0.	0.	0.	0.	0.	0.	0.
553	0.	0.	0.	0.	0.	0.	0.
556	0.	0.	0.	0.	0.	0.	0.
557	0.	0.	0.	0.	0.	0.	0.
558	0.	0.	0.	0.	0.	0.	0.
559	0.	0.	0.	0.	0.	0.	0.
560	0.	0.	0.	0.	0.	0.	0.
561	0.	0.	0.	0.	0.	0.	0.
562	0.	0.	0.	0.	0.	0.	0.
564	0.	0.	0.	0.	0.	0.	0.
565	0.	0.	0.	0.	0.	0.	0.
566	0.	0.	0.	0.	0.	0.	0.
567	0.	0.	0.	0.	0.	0.	0.
568	0.	0.	0.	0.	0.	0.	0.
569	0.	0.	0.	0.	0.	0.	0.
570	0.	0.	0.	0.	0.	0.	0.
571	0.	0.	0.	0.	0.	0.	0.
572	0.	0.	0.	0.	0.	0.	0.
573	0.	0.	0.	0.	0.	0.	0.
574	0.	0.	0.	0.	0.	0.	0.
575	0.	0.	0.	0.	0.	0.	0.
576	0.	0.	0.	0.	0.	0.	0.
577	0.	0.	0.	0.	0.	0.	0.
578	0.	0.	0.	0.	0.	0.	0.
581	0.	0.	0.	0.	0.	0.	0.
582	0.	0.	0.	0.	0.	0.	0.
585	0.	0.	0.	0.	0.	0.	0.
586	0.	0.	0.	0.	0.	0.	0.
587	0.	0.	0.	0.	0.	0.	0.
590	0.	0.	0.	0.	0.	0.	0.
593	0.	0.	0.	0.	0.	0.	0.
596	0.	0.	0.	0.	0.	0.	0.
599	0.	0.	0.	0.	0.	0.	0.
610	0.	0.	0.	0.	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Table 36: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Frame	NetAbs	SpecCamber	DCLimit
	m	m	
313	0.	0.	0.
23	0.	0.	0.
30	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Frame	NetAbs	SpecCamber	DCLimit
	m	m	
35	0.	0.	0.
81	0.	0.	0.
85	0.	0.	0.
86	0.	0.	0.
89	0.	0.	0.
90	0.	0.	0.
91	0.	0.	0.
92	0.	0.	0.
95	0.	0.	0.
97	0.	0.	0.
98	0.	0.	0.
103	0.	0.	0.
107	0.	0.	0.
108	0.	0.	0.
109	0.	0.	0.
110	0.	0.	0.
111	0.	0.	0.
112	0.	0.	0.
125	0.	0.	0.
126	0.	0.	0.
127	0.	0.	0.
128	0.	0.	0.
131	0.	0.	0.
140	0.	0.	0.
141	0.	0.	0.
157	0.	0.	0.
172	0.	0.	0.
180	0.	0.	0.
181	0.	0.	0.
182	0.	0.	0.
183	0.	0.	0.
186	0.	0.	0.
190	0.	0.	0.
196	0.	0.	0.
197	0.	0.	0.
199	0.	0.	0.
200	0.	0.	0.
201	0.	0.	0.
202	0.	0.	0.
348	0.	0.	0.
349	0.	0.	0.
350	0.	0.	0.
351	0.	0.	0.
352	0.	0.	0.
353	0.	0.	0.
354	0.	0.	0.
355	0.	0.	0.
356	0.	0.	0.
357	0.	0.	0.
360	0.	0.	0.
361	0.	0.	0.
362	0.	0.	0.
363	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Frame	NetAbs	SpecCamber	DCLimit
	m	m	
364	0.	0.	0.
365	0.	0.	0.
366	0.	0.	0.
367	0.	0.	0.
368	0.	0.	0.
369	0.	0.	0.
406	0.	0.	0.
407	0.	0.	0.
408	0.	0.	0.
409	0.	0.	0.
410	0.	0.	0.
411	0.	0.	0.
413	0.	0.	0.
415	0.	0.	0.
416	0.	0.	0.
421	0.	0.	0.
422	0.	0.	0.
423	0.	0.	0.
424	0.	0.	0.
425	0.	0.	0.
426	0.	0.	0.
430	0.	0.	0.
431	0.	0.	0.
445	0.	0.	0.
446	0.	0.	0.
448	0.	0.	0.
449	0.	0.	0.
450	0.	0.	0.
451	0.	0.	0.
459	0.	0.	0.
460	0.	0.	0.
461	0.	0.	0.
462	0.	0.	0.
465	0.	0.	0.
468	0.	0.	0.
469	0.	0.	0.
470	0.	0.	0.
471	0.	0.	0.
472	0.	0.	0.
473	0.	0.	0.
474	0.	0.	0.
475	0.	0.	0.
478	0.	0.	0.
480	0.	0.	0.
483	0.	0.	0.
484	0.	0.	0.
493	0.	0.	0.
495	0.	0.	0.
496	0.	0.	0.
517	0.	0.	0.
526	0.	0.	0.
529	0.	0.	0.
532	0.	0.	0.

Table 36: Overwrites - Steel Design - AISC 360-16, Part 7 of 7

Frame	NetAbs	SpecCamber	DCLimit
	m	m	
535	0.	0.	0.
538	0.	0.	0.
541	0.	0.	0.
544	0.	0.	0.
547	0.	0.	0.
550	0.	0.	0.
553	0.	0.	0.
556	0.	0.	0.
557	0.	0.	0.
558	0.	0.	0.
559	0.	0.	0.
560	0.	0.	0.
561	0.	0.	0.
562	0.	0.	0.
564	0.	0.	0.
565	0.	0.	0.
566	0.	0.	0.
567	0.	0.	0.
568	0.	0.	0.
569	0.	0.	0.
570	0.	0.	0.
571	0.	0.	0.
572	0.	0.	0.
573	0.	0.	0.
574	0.	0.	0.
575	0.	0.	0.
576	0.	0.	0.
577	0.	0.	0.
578	0.	0.	0.
581	0.	0.	0.
582	0.	0.	0.
585	0.	0.	0.
586	0.	0.	0.
587	0.	0.	0.
590	0.	0.	0.
593	0.	0.	0.
596	0.	0.	0.
599	0.	0.	0.
610	0.	0.	0.

12.2. Concrete design

Table 37: Overwrites - Concrete Design - ACI 318-19, Part 1 of 3

Table 37: Overwrites - Concrete Design - ACI 318-19, Part 1 of 3

Frame	DesignSect	FrameType	RLLF	XLMajor	XLMinor	XKMajor
509	Program Determined	Program Determined	0.	0.	0.	0.
510	Program Determined	Program Determined	0.	0.	0.	0.
511	Program Determined	Program Determined	0.	0.	0.	0.

Table 37: Overwrites - Concrete Design - ACI 318-19, Part 1 of 3

Frame	DesignSect	FrameType	RLLF	XLMajor	XLMinor	XKMajor
512	Program Determined	Program Determined	0.	0.	0.	0.
513	Program Determined	Program Determined	0.	0.	0.	0.
515	Program Determined	Program Determined	0.	0.	0.	0.
518	Program Determined	Program Determined	0.	0.	0.	0.
519	Program Determined	Program Determined	0.	0.	0.	0.
521	Program Determined	Program Determined	0.	0.	0.	0.
522	Program Determined	Program Determined	0.	0.	0.	0.
523	Program Determined	Program Determined	0.	0.	0.	0.
524	Program Determined	Program Determined	0.	0.	0.	0.
525	Program Determined	Program Determined	0.	0.	0.	0.
563	Program Determined	Program Determined	0.	0.	0.	0.

Table 37: Overwrites - Concrete Design - ACI 318-19, Part 2 of 3

Table 37: Overwrites - Concrete Design - ACI 318-19, Part 2 of 3

Frame	XKMinor	CmMajor	CmMinor	DnsMajor	DnsMinor	DsMajor	DsMinor
509	0.	0.	0.	0.	0.	0.	0.
510	0.	0.	0.	0.	0.	0.	0.
511	0.	0.	0.	0.	0.	0.	0.
512	0.	0.	0.	0.	0.	0.	0.
513	0.	0.	0.	0.	0.	0.	0.
515	0.	0.	0.	0.	0.	0.	0.
518	0.	0.	0.	0.	0.	0.	0.
519	0.	0.	0.	0.	0.	0.	0.
521	0.	0.	0.	0.	0.	0.	0.
522	0.	0.	0.	0.	0.	0.	0.
523	0.	0.	0.	0.	0.	0.	0.
524	0.	0.	0.	0.	0.	0.	0.
525	0.	0.	0.	0.	0.	0.	0.
563	0.	0.	0.	0.	0.	0.	0.

Table 37: Overwrites - Concrete Design - ACI 318-19, Part 3 of 3

Table 37: Overwrites - Concrete Design - ACI 318-19, Part 3 of 3

Frame	CTorsion	TanTheta	TorsCover m
509			
510			
511			
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525			
563			