

Project Report

Model File: g+5 apartment design project, Revision 0
13-04-2025

1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Definitions

Tower	Name	Height m	Master Story	Similar To	Splice Story	Color
T1	head room	2.9	No	None	No	Magenta
T1	terrace	3.25	No	None	No	Magenta
T1	Story5	3.25	No	None	No	Yellow
T1	Story4	3.25	No	None	No	Gray8Dark
T1	Story3	3.25	No	None	No	Blue
T1	Story2	3.25	No	None	No	Green
T1	Story1	3.25	No	None	No	Cyan
T1	ground	0.6	No	None	No	Magenta

1.2 Grid Data

Table 1.2 - Grid Definitions - General

Tower	Name	Type	Ux m	Uy m	Rz deg	Story Range	User Top Story	User Bottom Story	Bubble Size mm	Color
T1	G1	Cartesian	0	0	0	User	head room	Base	1250	Gray6

Table 1.3 - Grid Definitions - Grid Lines

Name	Grid Line Type	ID	Ordinate m	Bubble Location	Visible
G1	X (Cartesian)	A	0	End	Yes
G1	X (Cartesian)	B	4.75	End	Yes
G1	X (Cartesian)	C	9.5	End	Yes
G1	X (Cartesian)	D	12.8	End	Yes
G1	X (Cartesian)	E	17.55	End	Yes
G1	X (Cartesian)	F	22.3	End	Yes
G1	X (Cartesian)	G	25.6	End	Yes
G1	X (Cartesian)	H	30.35	End	Yes
G1	X (Cartesian)	I	35.1	End	Yes
G1	Y (Cartesian)	1	0	Start	Yes
G1	Y (Cartesian)	2	5.5	Start	Yes
G1	Y (Cartesian)	3	11	Start	Yes
G1	Y (Cartesian)	4	14.8	Start	Yes
G1	Y (Cartesian)	5	20.3	Start	Yes
G1	Y (Cartesian)	6	25.8	Start	Yes

1.3 Point Coordinates

Table 1.4 - Point Bays

Label	Is Auto Point	X m	Y m	DZBelow m
1	No	0	0	0
2	No	0	5.5	0
3	No	0	11	0
4	No	0	14.8	0
5	No	0	20.3	0
6	No	0	25.8	0
7	No	4.75	0	0
8	No	4.75	5.5	0
9	No	4.75	11	0
10	No	4.75	14.8	0
11	No	4.75	20.3	0
12	No	4.75	25.8	0
13	No	9.5	0	0
14	No	9.5	5.5	0
15	No	9.5	11	0
16	No	9.5	14.8	0
17	No	9.5	20.3	0
18	No	9.5	25.8	0
19	No	12.8	0	0
20	No	12.8	5.5	0
21	No	12.8	11	0
22	No	12.8	14.8	0
23	No	12.8	20.3	0
24	No	12.8	25.8	0
25	No	17.55	0	0
26	No	17.55	5.5	0
27	No	17.55	11	0
28	No	17.55	14.8	0
29	No	17.55	20.3	0
30	No	17.55	25.8	0
31	No	22.3	0	0
32	No	22.3	5.5	0
33	No	22.3	11	0
34	No	22.3	14.8	0
35	No	22.3	20.3	0
36	No	22.3	25.8	0
37	No	25.6	0	0
38	No	25.6	5.5	0
39	No	25.6	11	0
40	No	25.6	14.8	0
41	No	25.6	20.3	0
42	No	25.6	25.8	0
43	No	30.35	0	0
44	No	30.35	5.5	0
45	No	30.35	11	0

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
46	No	30.35	14.8	0
47	No	30.35	20.3	0
48	No	30.35	25.8	0
49	No	35.1	0	0
50	No	35.1	5.5	0
51	No	35.1	11	0
52	No	35.1	14.8	0
53	No	35.1	20.3	0
54	No	35.1	25.8	0
55	No	2.44	14.8	0
56	No	2.44	11	0
57	No	22.3	6.71	0
58	No	32.66	14.8	0
59	No	32.66	11	0
60	No	9.5	19.09	1.225
61	No	12.8	19.09	1.225
62	No	9.5	19.09	0.625
63	No	12.8	19.09	0.625
64	No	9.5	17.34	1.225
65	No	9.5	17.34	0.625
66	No	12.8	17.34	1.225
67	No	12.8	17.34	0.625
68	No	25.6	6.71	0
69	No	10.9	17.34	0.625
70	No	12.8	19.09	0
71	No	11.015	17.34	0.625
72	No	9.5	19.09	0
80	No	11.15	17.34	1.225
81	No	11.15	17.34	0.625
82	No	22.3	6.71	1.225
83	No	22.3	6.71	0.625
84	No	25.6	6.71	1.225
85	No	25.6	6.71	0.625
86	No	22.3	8.46	1.225
87	No	22.3	8.46	0.625
88	No	25.6	8.46	1.225
89	No	25.6	8.46	0.625
91	No	23.95	10.21	0.625
92	No	23.95	8.46	1.225
93	No	23.95	8.46	0.625
105	No	11.15	14.8	0
108	No	23.95	11	0
109	No	2.44	14.4	0
110	No	2.44	11.4	0

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
112	No	32.66	14.4	0
113	No	32.66	11.4	0

Table 1.5 - Point Object Connectivity

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
24	No	head room	16	No	9.5	14.8	23
4	No	head room	17	No	9.5	20.3	23
20	No	head room	22	No	12.8	14.8	23
10	No	head room	23	No	12.8	20.3	23
30	No	head room	32	No	22.3	5.5	23
50	No	head room	33	No	22.3	11	23
40	No	head room	38	No	25.6	5.5	23
44	No	head room	39	No	25.6	11	23
3	No	terrace	1	No	0	0	20.1
13	No	terrace	2	No	0	5.5	20.1
23	No	terrace	3	No	0	11	20.1
33	No	terrace	4	No	0	14.8	20.1
43	No	terrace	5	No	0	20.3	20.1
53	No	terrace	6	No	0	25.8	20.1
63	No	terrace	7	No	4.75	0	20.1
583	No	terrace	8	No	4.75	5.5	20.1
83	No	terrace	9	No	4.75	11	20.1
93	No	terrace	10	No	4.75	14.8	20.1
553	No	terrace	11	No	4.75	20.3	20.1
113	No	terrace	12	No	4.75	25.8	20.1
123	No	terrace	13	No	9.5	0	20.1
133	No	terrace	14	No	9.5	5.5	20.1
143	No	terrace	15	No	9.5	11	20.1
153	No	terrace	16	No	9.5	14.8	20.1
163	No	terrace	17	No	9.5	20.3	20.1
173	No	terrace	18	No	9.5	25.8	20.1
183	No	terrace	19	No	12.8	0	20.1
193	No	terrace	20	No	12.8	5.5	20.1
203	No	terrace	21	No	12.8	11	20.1
213	No	terrace	22	No	12.8	14.8	20.1
223	No	terrace	23	No	12.8	20.3	20.1
233	No	terrace	24	No	12.8	25.8	20.1
243	No	terrace	25	No	17.55	0	20.1
593	No	terrace	26	No	17.55	5.5	20.1
263	No	terrace	27	No	17.55	11	20.1
273	No	terrace	28	No	17.55	14.8	20.1
563	No	terrace	29	No	17.55	20.3	20.1
293	No	terrace	30	No	17.55	25.8	20.1
303	No	terrace	31	No	22.3	0	20.1

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
313	No	terrace	32	No	22.3	5.5	20.1
323	No	terrace	33	No	22.3	11	20.1
333	No	terrace	34	No	22.3	14.8	20.1
343	No	terrace	35	No	22.3	20.3	20.1
353	No	terrace	36	No	22.3	25.8	20.1
363	No	terrace	37	No	25.6	0	20.1
373	No	terrace	38	No	25.6	5.5	20.1
383	No	terrace	39	No	25.6	11	20.1
393	No	terrace	40	No	25.6	14.8	20.1
403	No	terrace	41	No	25.6	20.3	20.1
413	No	terrace	42	No	25.6	25.8	20.1
423	No	terrace	43	No	30.35	0	20.1
603	No	terrace	44	No	30.35	5.5	20.1
443	No	terrace	45	No	30.35	11	20.1
453	No	terrace	46	No	30.35	14.8	20.1
573	No	terrace	47	No	30.35	20.3	20.1
473	No	terrace	48	No	30.35	25.8	20.1
483	No	terrace	49	No	35.1	0	20.1
493	No	terrace	50	No	35.1	5.5	20.1
503	No	terrace	51	No	35.1	11	20.1
513	No	terrace	52	No	35.1	14.8	20.1
523	No	terrace	53	No	35.1	20.3	20.1
533	No	terrace	54	No	35.1	25.8	20.1
284	No	terrace	55	No	2.44	14.8	20.1
300	No	terrace	56	No	2.44	11	20.1
364	No	terrace	58	No	32.66	14.8	20.1
394	No	terrace	59	No	32.66	11	20.1
433	No	terrace	60	Yes	9.5	19.09	18.875
444	No	terrace	61	Yes	12.8	19.09	18.875
465	No	terrace	64	Yes	9.5	17.34	18.875
482	No	terrace	66	Yes	12.8	17.34	18.875
574	No	terrace	80	Yes	11.15	17.34	18.875
604	No	terrace	82	Yes	22.3	6.71	18.875
618	No	terrace	84	Yes	25.6	6.71	18.875
627	No	terrace	86	Yes	22.3	8.46	18.875
636	No	terrace	88	Yes	25.6	8.46	18.875
654	No	terrace	92	Yes	23.95	8.46	18.875
682	No	terrace	105	No	11.15	14.8	20.1
697	No	terrace	108	No	23.95	11	20.1
727	No	terrace	109	No	2.44	14.4	20.1
737	No	terrace	110	No	2.44	11.4	20.1
761	No	terrace	112	No	32.66	14.4	20.1
753	No	terrace	113	No	32.66	11.4	20.1
12	No	terrace	57	No	22.3	6.71	20.1
34	No	terrace	68	No	25.6	6.71	20.1

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
60	No	terrace	70	No	12.8	19.09	20.1
71	No	terrace	72	No	9.5	19.09	20.1
5	No	Story5	1	No	0	0	16.85
15	No	Story5	2	No	0	5.5	16.85
25	No	Story5	3	No	0	11	16.85
35	No	Story5	4	No	0	14.8	16.85
45	No	Story5	5	No	0	20.3	16.85
55	No	Story5	6	No	0	25.8	16.85
65	No	Story5	7	No	4.75	0	16.85
585	No	Story5	8	No	4.75	5.5	16.85
85	No	Story5	9	No	4.75	11	16.85
95	No	Story5	10	No	4.75	14.8	16.85
555	No	Story5	11	No	4.75	20.3	16.85
115	No	Story5	12	No	4.75	25.8	16.85
125	No	Story5	13	No	9.5	0	16.85
135	No	Story5	14	No	9.5	5.5	16.85
145	No	Story5	15	No	9.5	11	16.85
155	No	Story5	16	No	9.5	14.8	16.85
165	No	Story5	17	No	9.5	20.3	16.85
175	No	Story5	18	No	9.5	25.8	16.85
185	No	Story5	19	No	12.8	0	16.85
195	No	Story5	20	No	12.8	5.5	16.85
205	No	Story5	21	No	12.8	11	16.85
215	No	Story5	22	No	12.8	14.8	16.85
225	No	Story5	23	No	12.8	20.3	16.85
235	No	Story5	24	No	12.8	25.8	16.85
245	No	Story5	25	No	17.55	0	16.85
595	No	Story5	26	No	17.55	5.5	16.85
265	No	Story5	27	No	17.55	11	16.85
275	No	Story5	28	No	17.55	14.8	16.85
565	No	Story5	29	No	17.55	20.3	16.85
295	No	Story5	30	No	17.55	25.8	16.85
305	No	Story5	31	No	22.3	0	16.85
315	No	Story5	32	No	22.3	5.5	16.85
325	No	Story5	33	No	22.3	11	16.85
335	No	Story5	34	No	22.3	14.8	16.85
345	No	Story5	35	No	22.3	20.3	16.85
355	No	Story5	36	No	22.3	25.8	16.85
365	No	Story5	37	No	25.6	0	16.85
375	No	Story5	38	No	25.6	5.5	16.85
385	No	Story5	39	No	25.6	11	16.85
395	No	Story5	40	No	25.6	14.8	16.85
405	No	Story5	41	No	25.6	20.3	16.85
415	No	Story5	42	No	25.6	25.8	16.85
425	No	Story5	43	No	30.35	0	16.85

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
605	No	Story5	44	No	30.35	5.5	16.85
445	No	Story5	45	No	30.35	11	16.85
455	No	Story5	46	No	30.35	14.8	16.85
575	No	Story5	47	No	30.35	20.3	16.85
475	No	Story5	48	No	30.35	25.8	16.85
485	No	Story5	49	No	35.1	0	16.85
495	No	Story5	50	No	35.1	5.5	16.85
505	No	Story5	51	No	35.1	11	16.85
515	No	Story5	52	No	35.1	14.8	16.85
525	No	Story5	53	No	35.1	20.3	16.85
535	No	Story5	54	No	35.1	25.8	16.85
286	No	Story5	55	No	2.44	14.8	16.85
304	No	Story5	56	No	2.44	11	16.85
372	No	Story5	58	No	32.66	14.8	16.85
402	No	Story5	59	No	32.66	11	16.85
434	No	Story5	60	Yes	9.5	19.09	15.625
450	No	Story5	61	Yes	12.8	19.09	15.625
466	No	Story5	64	Yes	9.5	17.34	15.625
484	No	Story5	66	Yes	12.8	17.34	15.625
580	No	Story5	80	Yes	11.15	17.34	15.625
610	No	Story5	82	Yes	22.3	6.71	15.625
619	No	Story5	84	Yes	25.6	6.71	15.625
628	No	Story5	86	Yes	22.3	8.46	15.625
637	No	Story5	88	Yes	25.6	8.46	15.625
655	No	Story5	92	Yes	23.95	8.46	15.625
683	No	Story5	105	No	11.15	14.8	16.85
698	No	Story5	108	No	23.95	11	16.85
729	No	Story5	109	No	2.44	14.4	16.85
739	No	Story5	110	No	2.44	11.4	16.85
763	No	Story5	112	No	32.66	14.4	16.85
755	No	Story5	113	No	32.66	11.4	16.85
22	No	Story5	57	No	22.3	6.71	16.85
52	No	Story5	68	No	25.6	6.71	16.85
64	No	Story5	70	No	12.8	19.09	16.85
73	No	Story5	72	No	9.5	19.09	16.85
6	No	Story4	1	No	0	0	13.6
16	No	Story4	2	No	0	5.5	13.6
26	No	Story4	3	No	0	11	13.6
36	No	Story4	4	No	0	14.8	13.6
46	No	Story4	5	No	0	20.3	13.6
56	No	Story4	6	No	0	25.8	13.6
66	No	Story4	7	No	4.75	0	13.6
586	No	Story4	8	No	4.75	5.5	13.6
86	No	Story4	9	No	4.75	11	13.6
96	No	Story4	10	No	4.75	14.8	13.6

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
556	No	Story4	11	No	4.75	20.3	13.6
116	No	Story4	12	No	4.75	25.8	13.6
126	No	Story4	13	No	9.5	0	13.6
136	No	Story4	14	No	9.5	5.5	13.6
146	No	Story4	15	No	9.5	11	13.6
156	No	Story4	16	No	9.5	14.8	13.6
166	No	Story4	17	No	9.5	20.3	13.6
176	No	Story4	18	No	9.5	25.8	13.6
186	No	Story4	19	No	12.8	0	13.6
196	No	Story4	20	No	12.8	5.5	13.6
206	No	Story4	21	No	12.8	11	13.6
216	No	Story4	22	No	12.8	14.8	13.6
226	No	Story4	23	No	12.8	20.3	13.6
236	No	Story4	24	No	12.8	25.8	13.6
246	No	Story4	25	No	17.55	0	13.6
596	No	Story4	26	No	17.55	5.5	13.6
266	No	Story4	27	No	17.55	11	13.6
276	No	Story4	28	No	17.55	14.8	13.6
566	No	Story4	29	No	17.55	20.3	13.6
296	No	Story4	30	No	17.55	25.8	13.6
306	No	Story4	31	No	22.3	0	13.6
316	No	Story4	32	No	22.3	5.5	13.6
326	No	Story4	33	No	22.3	11	13.6
336	No	Story4	34	No	22.3	14.8	13.6
346	No	Story4	35	No	22.3	20.3	13.6
356	No	Story4	36	No	22.3	25.8	13.6
366	No	Story4	37	No	25.6	0	13.6
376	No	Story4	38	No	25.6	5.5	13.6
386	No	Story4	39	No	25.6	11	13.6
396	No	Story4	40	No	25.6	14.8	13.6
406	No	Story4	41	No	25.6	20.3	13.6
416	No	Story4	42	No	25.6	25.8	13.6
426	No	Story4	43	No	30.35	0	13.6
606	No	Story4	44	No	30.35	5.5	13.6
446	No	Story4	45	No	30.35	11	13.6
456	No	Story4	46	No	30.35	14.8	13.6
576	No	Story4	47	No	30.35	20.3	13.6
476	No	Story4	48	No	30.35	25.8	13.6
486	No	Story4	49	No	35.1	0	13.6
496	No	Story4	50	No	35.1	5.5	13.6
506	No	Story4	51	No	35.1	11	13.6
516	No	Story4	52	No	35.1	14.8	13.6
526	No	Story4	53	No	35.1	20.3	13.6
536	No	Story4	54	No	35.1	25.8	13.6
287	No	Story4	55	No	2.44	14.8	13.6

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
310	No	Story4	56	No	2.44	11	13.6
374	No	Story4	58	No	32.66	14.8	13.6
404	No	Story4	59	No	32.66	11	13.6
435	No	Story4	60	Yes	9.5	19.09	12.375
452	No	Story4	61	Yes	12.8	19.09	12.375
467	No	Story4	64	Yes	9.5	17.34	12.375
490	No	Story4	66	Yes	12.8	17.34	12.375
581	No	Story4	80	Yes	11.15	17.34	12.375
611	No	Story4	82	Yes	22.3	6.71	12.375
620	No	Story4	84	Yes	25.6	6.71	12.375
629	No	Story4	86	Yes	22.3	8.46	12.375
638	No	Story4	88	Yes	25.6	8.46	12.375
656	No	Story4	92	Yes	23.95	8.46	12.375
684	No	Story4	105	No	11.15	14.8	13.6
699	No	Story4	108	No	23.95	11	13.6
730	No	Story4	109	No	2.44	14.4	13.6
740	No	Story4	110	No	2.44	11.4	13.6
764	No	Story4	112	No	32.66	14.4	13.6
756	No	Story4	113	No	32.66	11.4	13.6
75	No	Story4	57	No	22.3	6.71	13.6
77	No	Story4	68	No	25.6	6.71	13.6
79	No	Story4	70	No	12.8	19.09	13.6
82	No	Story4	72	No	9.5	19.09	13.6
7	No	Story3	1	No	0	0	10.35
17	No	Story3	2	No	0	5.5	10.35
27	No	Story3	3	No	0	11	10.35
37	No	Story3	4	No	0	14.8	10.35
47	No	Story3	5	No	0	20.3	10.35
57	No	Story3	6	No	0	25.8	10.35
67	No	Story3	7	No	4.75	0	10.35
587	No	Story3	8	No	4.75	5.5	10.35
87	No	Story3	9	No	4.75	11	10.35
97	No	Story3	10	No	4.75	14.8	10.35
557	No	Story3	11	No	4.75	20.3	10.35
117	No	Story3	12	No	4.75	25.8	10.35
127	No	Story3	13	No	9.5	0	10.35
137	No	Story3	14	No	9.5	5.5	10.35
147	No	Story3	15	No	9.5	11	10.35
157	No	Story3	16	No	9.5	14.8	10.35
167	No	Story3	17	No	9.5	20.3	10.35
177	No	Story3	18	No	9.5	25.8	10.35
187	No	Story3	19	No	12.8	0	10.35
197	No	Story3	20	No	12.8	5.5	10.35
207	No	Story3	21	No	12.8	11	10.35
217	No	Story3	22	No	12.8	14.8	10.35

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
227	No	Story3	23	No	12.8	20.3	10.35
237	No	Story3	24	No	12.8	25.8	10.35
247	No	Story3	25	No	17.55	0	10.35
597	No	Story3	26	No	17.55	5.5	10.35
267	No	Story3	27	No	17.55	11	10.35
277	No	Story3	28	No	17.55	14.8	10.35
567	No	Story3	29	No	17.55	20.3	10.35
297	No	Story3	30	No	17.55	25.8	10.35
307	No	Story3	31	No	22.3	0	10.35
317	No	Story3	32	No	22.3	5.5	10.35
327	No	Story3	33	No	22.3	11	10.35
337	No	Story3	34	No	22.3	14.8	10.35
347	No	Story3	35	No	22.3	20.3	10.35
357	No	Story3	36	No	22.3	25.8	10.35
367	No	Story3	37	No	25.6	0	10.35
377	No	Story3	38	No	25.6	5.5	10.35
387	No	Story3	39	No	25.6	11	10.35
397	No	Story3	40	No	25.6	14.8	10.35
407	No	Story3	41	No	25.6	20.3	10.35
417	No	Story3	42	No	25.6	25.8	10.35
427	No	Story3	43	No	30.35	0	10.35
607	No	Story3	44	No	30.35	5.5	10.35
447	No	Story3	45	No	30.35	11	10.35
457	No	Story3	46	No	30.35	14.8	10.35
577	No	Story3	47	No	30.35	20.3	10.35
477	No	Story3	48	No	30.35	25.8	10.35
487	No	Story3	49	No	35.1	0	10.35
497	No	Story3	50	No	35.1	5.5	10.35
507	No	Story3	51	No	35.1	11	10.35
517	No	Story3	52	No	35.1	14.8	10.35
527	No	Story3	53	No	35.1	20.3	10.35
537	No	Story3	54	No	35.1	25.8	10.35
288	No	Story3	55	No	2.44	14.8	10.35
312	No	Story3	56	No	2.44	11	10.35
380	No	Story3	58	No	32.66	14.8	10.35
410	No	Story3	59	No	32.66	11	10.35
436	No	Story3	60	Yes	9.5	19.09	9.125
454	No	Story3	61	Yes	12.8	19.09	9.125
468	No	Story3	64	Yes	9.5	17.34	9.125
492	No	Story3	66	Yes	12.8	17.34	9.125
584	No	Story3	80	Yes	11.15	17.34	9.125
612	No	Story3	82	Yes	22.3	6.71	9.125
621	No	Story3	84	Yes	25.6	6.71	9.125
630	No	Story3	86	Yes	22.3	8.46	9.125
639	No	Story3	88	Yes	25.6	8.46	9.125

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
657	No	Story3	92	Yes	23.95	8.46	9.125
685	No	Story3	105	No	11.15	14.8	10.35
700	No	Story3	108	No	23.95	11	10.35
731	No	Story3	109	No	2.44	14.4	10.35
741	No	Story3	110	No	2.44	11.4	10.35
765	No	Story3	112	No	32.66	14.4	10.35
757	No	Story3	113	No	32.66	11.4	10.35
90	No	Story3	57	No	22.3	6.71	10.35
94	No	Story3	68	No	25.6	6.71	10.35
101	No	Story3	70	No	12.8	19.09	10.35
103	No	Story3	72	No	9.5	19.09	10.35
8	No	Story2	1	No	0	0	7.1
18	No	Story2	2	No	0	5.5	7.1
28	No	Story2	3	No	0	11	7.1
38	No	Story2	4	No	0	14.8	7.1
48	No	Story2	5	No	0	20.3	7.1
58	No	Story2	6	No	0	25.8	7.1
68	No	Story2	7	No	4.75	0	7.1
588	No	Story2	8	No	4.75	5.5	7.1
88	No	Story2	9	No	4.75	11	7.1
98	No	Story2	10	No	4.75	14.8	7.1
558	No	Story2	11	No	4.75	20.3	7.1
118	No	Story2	12	No	4.75	25.8	7.1
128	No	Story2	13	No	9.5	0	7.1
138	No	Story2	14	No	9.5	5.5	7.1
148	No	Story2	15	No	9.5	11	7.1
158	No	Story2	16	No	9.5	14.8	7.1
168	No	Story2	17	No	9.5	20.3	7.1
178	No	Story2	18	No	9.5	25.8	7.1
188	No	Story2	19	No	12.8	0	7.1
198	No	Story2	20	No	12.8	5.5	7.1
208	No	Story2	21	No	12.8	11	7.1
218	No	Story2	22	No	12.8	14.8	7.1
228	No	Story2	23	No	12.8	20.3	7.1
238	No	Story2	24	No	12.8	25.8	7.1
248	No	Story2	25	No	17.55	0	7.1
598	No	Story2	26	No	17.55	5.5	7.1
268	No	Story2	27	No	17.55	11	7.1
278	No	Story2	28	No	17.55	14.8	7.1
568	No	Story2	29	No	17.55	20.3	7.1
298	No	Story2	30	No	17.55	25.8	7.1
308	No	Story2	31	No	22.3	0	7.1
318	No	Story2	32	No	22.3	5.5	7.1
328	No	Story2	33	No	22.3	11	7.1
338	No	Story2	34	No	22.3	14.8	7.1

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
348	No	Story2	35	No	22.3	20.3	7.1
358	No	Story2	36	No	22.3	25.8	7.1
368	No	Story2	37	No	25.6	0	7.1
378	No	Story2	38	No	25.6	5.5	7.1
388	No	Story2	39	No	25.6	11	7.1
398	No	Story2	40	No	25.6	14.8	7.1
408	No	Story2	41	No	25.6	20.3	7.1
418	No	Story2	42	No	25.6	25.8	7.1
428	No	Story2	43	No	30.35	0	7.1
608	No	Story2	44	No	30.35	5.5	7.1
448	No	Story2	45	No	30.35	11	7.1
458	No	Story2	46	No	30.35	14.8	7.1
578	No	Story2	47	No	30.35	20.3	7.1
478	No	Story2	48	No	30.35	25.8	7.1
488	No	Story2	49	No	35.1	0	7.1
498	No	Story2	50	No	35.1	5.5	7.1
508	No	Story2	51	No	35.1	11	7.1
518	No	Story2	52	No	35.1	14.8	7.1
528	No	Story2	53	No	35.1	20.3	7.1
538	No	Story2	54	No	35.1	25.8	7.1
289	No	Story2	55	No	2.44	14.8	7.1
314	No	Story2	56	No	2.44	11	7.1
382	No	Story2	58	No	32.66	14.8	7.1
412	No	Story2	59	No	32.66	11	7.1
437	No	Story2	60	Yes	9.5	19.09	5.875
460	No	Story2	61	Yes	12.8	19.09	5.875
469	No	Story2	64	Yes	9.5	17.34	5.875
494	No	Story2	66	Yes	12.8	17.34	5.875
590	No	Story2	80	Yes	11.15	17.34	5.875
613	No	Story2	82	Yes	22.3	6.71	5.875
622	No	Story2	84	Yes	25.6	6.71	5.875
631	No	Story2	86	Yes	22.3	8.46	5.875
640	No	Story2	88	Yes	25.6	8.46	5.875
658	No	Story2	92	Yes	23.95	8.46	5.875
686	No	Story2	105	No	11.15	14.8	7.1
701	No	Story2	108	No	23.95	11	7.1
732	No	Story2	109	No	2.44	14.4	7.1
742	No	Story2	110	No	2.44	11.4	7.1
766	No	Story2	112	No	32.66	14.4	7.1
758	No	Story2	113	No	32.66	11.4	7.1
105	No	Story2	57	No	22.3	6.71	7.1
107	No	Story2	68	No	25.6	6.71	7.1
109	No	Story2	70	No	12.8	19.09	7.1
114	No	Story2	72	No	9.5	19.09	7.1
9	No	Story1	1	No	0	0	3.85

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
19	No	Story1	2	No	0	5.5	3.85
29	No	Story1	3	No	0	11	3.85
39	No	Story1	4	No	0	14.8	3.85
49	No	Story1	5	No	0	20.3	3.85
59	No	Story1	6	No	0	25.8	3.85
69	No	Story1	7	No	4.75	0	3.85
589	No	Story1	8	No	4.75	5.5	3.85
89	No	Story1	9	No	4.75	11	3.85
99	No	Story1	10	No	4.75	14.8	3.85
559	No	Story1	11	No	4.75	20.3	3.85
119	No	Story1	12	No	4.75	25.8	3.85
129	No	Story1	13	No	9.5	0	3.85
139	No	Story1	14	No	9.5	5.5	3.85
149	No	Story1	15	No	9.5	11	3.85
159	No	Story1	16	No	9.5	14.8	3.85
169	No	Story1	17	No	9.5	20.3	3.85
179	No	Story1	18	No	9.5	25.8	3.85
189	No	Story1	19	No	12.8	0	3.85
199	No	Story1	20	No	12.8	5.5	3.85
209	No	Story1	21	No	12.8	11	3.85
219	No	Story1	22	No	12.8	14.8	3.85
229	No	Story1	23	No	12.8	20.3	3.85
239	No	Story1	24	No	12.8	25.8	3.85
249	No	Story1	25	No	17.55	0	3.85
599	No	Story1	26	No	17.55	5.5	3.85
269	No	Story1	27	No	17.55	11	3.85
279	No	Story1	28	No	17.55	14.8	3.85
569	No	Story1	29	No	17.55	20.3	3.85
299	No	Story1	30	No	17.55	25.8	3.85
309	No	Story1	31	No	22.3	0	3.85
319	No	Story1	32	No	22.3	5.5	3.85
329	No	Story1	33	No	22.3	11	3.85
339	No	Story1	34	No	22.3	14.8	3.85
349	No	Story1	35	No	22.3	20.3	3.85
359	No	Story1	36	No	22.3	25.8	3.85
369	No	Story1	37	No	25.6	0	3.85
379	No	Story1	38	No	25.6	5.5	3.85
389	No	Story1	39	No	25.6	11	3.85
399	No	Story1	40	No	25.6	14.8	3.85
409	No	Story1	41	No	25.6	20.3	3.85
419	No	Story1	42	No	25.6	25.8	3.85
429	No	Story1	43	No	30.35	0	3.85
609	No	Story1	44	No	30.35	5.5	3.85
449	No	Story1	45	No	30.35	11	3.85
459	No	Story1	46	No	30.35	14.8	3.85

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
579	No	Story1	47	No	30.35	20.3	3.85
479	No	Story1	48	No	30.35	25.8	3.85
489	No	Story1	49	No	35.1	0	3.85
499	No	Story1	50	No	35.1	5.5	3.85
509	No	Story1	51	No	35.1	11	3.85
519	No	Story1	52	No	35.1	14.8	3.85
529	No	Story1	53	No	35.1	20.3	3.85
539	No	Story1	54	No	35.1	25.8	3.85
290	No	Story1	55	No	2.44	14.8	3.85
320	No	Story1	56	No	2.44	11	3.85
384	No	Story1	58	No	32.66	14.8	3.85
414	No	Story1	59	No	32.66	11	3.85
431	No	Story1	60	Yes	9.5	19.09	2.625
440	No	Story1	61	Yes	12.8	19.09	2.625
463	No	Story1	64	Yes	9.5	17.34	2.625
474	No	Story1	66	Yes	12.8	17.34	2.625
570	No	Story1	80	Yes	11.15	17.34	2.625
600	No	Story1	82	Yes	22.3	6.71	2.625
616	No	Story1	84	Yes	25.6	6.71	2.625
625	No	Story1	86	Yes	22.3	8.46	2.625
634	No	Story1	88	Yes	25.6	8.46	2.625
652	No	Story1	92	Yes	23.95	8.46	2.625
687	No	Story1	105	No	11.15	14.8	3.85
702	No	Story1	108	No	23.95	11	3.85
733	No	Story1	109	No	2.44	14.4	3.85
743	No	Story1	110	No	2.44	11.4	3.85
767	No	Story1	112	No	32.66	14.4	3.85
759	No	Story1	113	No	32.66	11.4	3.85
122	No	Story1	57	No	22.3	6.71	3.85
130	No	Story1	68	No	25.6	6.71	3.85
134	No	Story1	70	No	12.8	19.09	3.85
142	No	Story1	72	No	9.5	19.09	3.85
1	No	ground	1	No	0	0	0.6
11	No	ground	2	No	0	5.5	0.6
21	No	ground	3	No	0	11	0.6
31	No	ground	4	No	0	14.8	0.6
41	No	ground	5	No	0	20.3	0.6
51	No	ground	6	No	0	25.8	0.6
61	No	ground	7	No	4.75	0	0.6
582	No	ground	8	No	4.75	5.5	0.6
81	No	ground	9	No	4.75	11	0.6
91	No	ground	10	No	4.75	14.8	0.6
552	No	ground	11	No	4.75	20.3	0.6
111	No	ground	12	No	4.75	25.8	0.6
121	No	ground	13	No	9.5	0	0.6

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
131	No	ground	14	No	9.5	5.5	0.6
141	No	ground	15	No	9.5	11	0.6
151	No	ground	16	No	9.5	14.8	0.6
161	No	ground	17	No	9.5	20.3	0.6
171	No	ground	18	No	9.5	25.8	0.6
181	No	ground	19	No	12.8	0	0.6
191	No	ground	20	No	12.8	5.5	0.6
201	No	ground	21	No	12.8	11	0.6
211	No	ground	22	No	12.8	14.8	0.6
221	No	ground	23	No	12.8	20.3	0.6
231	No	ground	24	No	12.8	25.8	0.6
241	No	ground	25	No	17.55	0	0.6
592	No	ground	26	No	17.55	5.5	0.6
261	No	ground	27	No	17.55	11	0.6
271	No	ground	28	No	17.55	14.8	0.6
562	No	ground	29	No	17.55	20.3	0.6
291	No	ground	30	No	17.55	25.8	0.6
301	No	ground	31	No	22.3	0	0.6
311	No	ground	32	No	22.3	5.5	0.6
321	No	ground	33	No	22.3	11	0.6
331	No	ground	34	No	22.3	14.8	0.6
341	No	ground	35	No	22.3	20.3	0.6
351	No	ground	36	No	22.3	25.8	0.6
361	No	ground	37	No	25.6	0	0.6
371	No	ground	38	No	25.6	5.5	0.6
381	No	ground	39	No	25.6	11	0.6
391	No	ground	40	No	25.6	14.8	0.6
401	No	ground	41	No	25.6	20.3	0.6
411	No	ground	42	No	25.6	25.8	0.6
421	No	ground	43	No	30.35	0	0.6
602	No	ground	44	No	30.35	5.5	0.6
441	No	ground	45	No	30.35	11	0.6
451	No	ground	46	No	30.35	14.8	0.6
572	No	ground	47	No	30.35	20.3	0.6
471	No	ground	48	No	30.35	25.8	0.6
481	No	ground	49	No	35.1	0	0.6
491	No	ground	50	No	35.1	5.5	0.6
501	No	ground	51	No	35.1	11	0.6
511	No	ground	52	No	35.1	14.8	0.6
521	No	ground	53	No	35.1	20.3	0.6
531	No	ground	54	No	35.1	25.8	0.6
292	No	ground	55	No	2.44	14.8	0.6
322	No	ground	56	No	2.44	11	0.6
390	No	ground	58	No	32.66	14.8	0.6
420	No	ground	59	No	32.66	11	0.6

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
680	No	ground	105	No	11.15	14.8	0.6
695	No	ground	108	No	23.95	11	0.6
710	No	ground	109	No	2.44	14.4	0.6
711	No	ground	110	No	2.44	11.4	0.6
744	No	ground	112	No	32.66	14.4	0.6
745	No	ground	113	No	32.66	11.4	0.6
150	No	ground	57	No	22.3	6.71	0.6
160	No	ground	68	No	25.6	6.71	0.6
170	No	ground	70	No	12.8	19.09	0.6
182	No	ground	72	No	9.5	19.09	0.6
2	No	Base	1	No	0	0	0
14	No	Base	2	No	0	5.5	0
32	No	Base	3	No	0	11	0
42	No	Base	4	No	0	14.8	0
54	No	Base	5	No	0	20.3	0
62	No	Base	6	No	0	25.8	0
70	No	Base	7	No	4.75	0	0
532	No	Base	8	No	4.75	5.5	0
74	No	Base	9	No	4.75	11	0
76	No	Base	10	No	4.75	14.8	0
534	No	Base	11	No	4.75	20.3	0
80	No	Base	12	No	4.75	25.8	0
84	No	Base	13	No	9.5	0	0
540	No	Base	14	No	9.5	5.5	0
541	No	Base	15	No	9.5	11	0
542	No	Base	16	No	9.5	14.8	0
543	No	Base	17	No	9.5	20.3	0
102	No	Base	18	No	9.5	25.8	0
104	No	Base	19	No	12.8	0	0
544	No	Base	20	No	12.8	5.5	0
545	No	Base	21	No	12.8	11	0
547	No	Base	22	No	12.8	14.8	0
548	No	Base	23	No	12.8	20.3	0
112	No	Base	24	No	12.8	25.8	0
120	No	Base	25	No	17.55	0	0
549	No	Base	26	No	17.55	5.5	0
550	No	Base	27	No	17.55	11	0
551	No	Base	28	No	17.55	14.8	0
554	No	Base	29	No	17.55	20.3	0
154	No	Base	30	No	17.55	25.8	0
164	No	Base	31	No	22.3	0	0
560	No	Base	32	No	22.3	5.5	0
561	No	Base	33	No	22.3	11	0
564	No	Base	34	No	22.3	14.8	0
571	No	Base	35	No	22.3	20.3	0

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
192	No	Base	36	No	22.3	25.8	0
200	No	Base	37	No	25.6	0	0
601	No	Base	38	No	25.6	5.5	0
617	No	Base	39	No	25.6	11	0
626	No	Base	40	No	25.6	14.8	0
635	No	Base	41	No	25.6	20.3	0
230	No	Base	42	No	25.6	25.8	0
234	No	Base	43	No	30.35	0	0
643	No	Base	44	No	30.35	5.5	0
250	No	Base	45	No	30.35	11	0
252	No	Base	46	No	30.35	14.8	0
644	No	Base	47	No	30.35	20.3	0
256	No	Base	48	No	30.35	25.8	0
258	No	Base	49	No	35.1	0	0
260	No	Base	50	No	35.1	5.5	0
264	No	Base	51	No	35.1	11	0
272	No	Base	52	No	35.1	14.8	0
280	No	Base	53	No	35.1	20.3	0
282	No	Base	54	No	35.1	25.8	0
294	No	Base	55	No	2.44	14.8	0
324	No	Base	56	No	2.44	11	0
392	No	Base	58	No	32.66	14.8	0
422	No	Base	59	No	32.66	11	0
439	No	Base	60	Yes	9.5	19.09	-1.225
462	No	Base	61	Yes	12.8	19.09	-1.225
438	No	Base	62	Yes	9.5	19.09	-0.625
461	No	Base	63	Yes	12.8	19.09	-0.625
472	No	Base	64	Yes	9.5	17.34	-1.225
470	No	Base	65	Yes	9.5	17.34	-0.625
502	No	Base	66	Yes	12.8	17.34	-1.225
500	No	Base	67	Yes	12.8	17.34	-0.625
530	No	Base	69	Yes	10.9	17.34	-0.625
546	No	Base	71	Yes	11.015	17.34	-0.625
594	No	Base	80	Yes	11.15	17.34	-1.225
591	No	Base	81	Yes	11.15	17.34	-0.625
615	No	Base	82	Yes	22.3	6.71	-1.225
614	No	Base	83	Yes	22.3	6.71	-0.625
624	No	Base	84	Yes	25.6	6.71	-1.225
623	No	Base	85	Yes	25.6	6.71	-0.625
633	No	Base	86	Yes	22.3	8.46	-1.225
632	No	Base	87	Yes	22.3	8.46	-0.625
642	No	Base	88	Yes	25.6	8.46	-1.225
641	No	Base	89	Yes	25.6	8.46	-0.625
650	No	Base	91	Yes	23.95	10.21	-0.625
660	No	Base	92	Yes	23.95	8.46	-1.225

Table 1.5 - Point Object Connectivity (continued)

UniqueName	Is Auto Point	Story	PointBay	IsSpecial	X m	Y m	Z m
659	No	Base	93	Yes	23.95	8.46	-0.625
646	No	Base	109	No	2.44	14.4	0
645	No	Base	110	No	2.44	11.4	0
647	No	Base	112	No	32.66	14.4	0
648	No	Base	113	No	32.66	11.4	0

1.4 Line Connectivity

Table 1.6 - Column Bays

Label	PointBayI	PointBayJ	IEndStory
C1	1	1	Below
C2	2	2	Below
C3	3	3	Below
C4	4	4	Below
C5	5	5	Below
C6	6	6	Below
C7	7	7	Below
C8	8	8	Below
C9	9	9	Below
C10	10	10	Below
C11	11	11	Below
C12	12	12	Below
C13	13	13	Below
C14	14	14	Below
C15	15	15	Below
C16	16	16	Below
C17	17	17	Below
C18	18	18	Below
C19	19	19	Below
C20	20	20	Below
C21	21	21	Below
C22	22	22	Below
C23	23	23	Below
C24	24	24	Below
C25	25	25	Below
C26	26	26	Below
C27	27	27	Below
C28	28	28	Below
C29	29	29	Below
C30	30	30	Below
C31	31	31	Below
C32	32	32	Below
C33	33	33	Below
C34	34	34	Below
C35	35	35	Below
C36	36	36	Below

Table 1.6 - Column Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
C37	37	37	Below
C38	38	38	Below
C39	39	39	Below
C40	40	40	Below
C41	41	41	Below
C42	42	42	Below
C43	43	43	Below
C44	44	44	Below
C45	45	45	Below
C46	46	46	Below
C47	47	47	Below
C48	48	48	Below
C49	49	49	Below
C50	50	50	Below
C51	51	51	Below
C52	52	52	Below
C53	53	53	Below
C54	54	54	Below
C56	55	55	Below
C57	56	56	Below
C58	58	58	Below
C59	59	59	Below

Table 1.7 - Beam Bays

Label	PointBayI	PointBayJ
B1	1	2
B2	2	3
B3	45	51
B4	4	5
B5	5	6
B6	7	8
B7	8	9
B8	9	10
B9	10	11
B10	11	12
B11	13	14
B12	14	15
B13	15	16
B14	16	17
B15	17	18
B16	19	20
B17	20	21
B18	21	22
B19	22	23
B20	23	24
B21	25	26

Table 1.7 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B22	26	27
B23	27	28
B24	28	29
B25	29	30
B26	31	32
B27	32	33
B28	33	34
B29	34	35
B30	35	36
B31	37	38
B32	38	39
B33	39	40
B34	40	41
B35	41	42
B36	43	44
B37	44	45
B38	45	46
B39	46	47
B40	47	48
B41	49	50
B42	50	51
B43	46	52
B44	52	53
B45	53	54
B46	1	7
B47	7	13
B48	13	19
B49	19	25
B50	25	31
B51	31	37
B52	37	43
B53	43	49
B54	2	8
B55	8	14
B56	14	20
B57	20	26
B58	26	32
B59	32	38
B60	38	44
B61	44	50
B62	51	52
B63	9	15
B64	15	21
B65	21	27
B66	27	33
B67	33	39

Table 1.7 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B68	39	45
B69	3	4
B70	3	56
B71	10	16
B72	16	22
B73	22	28
B74	28	34
B75	34	40
B76	40	46
B77	4	55
B78	5	11
B79	11	17
B80	17	23
B81	23	29
B82	29	35
B83	35	41
B84	41	47
B85	47	53
B86	6	12
B87	12	18
B88	18	24
B89	24	30
B90	30	36
B91	36	42
B92	42	48
B93	48	54
B94	55	10
B95	56	9
B96	46	58
B97	45	59
B98	56	55
B99	59	58

1.5 Area Connectivity

Table 1.8 - Floor Bays

Label	NumPoints	PointNumber	PointBay
F1	4	1	1
F1		2	7
F1		3	8
F1		4	2
F2	4	1	2
F2		2	8
F2		3	9
F2		4	3
F3	4	1	60

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F3		2	64
F3		3	66
F3		4	61
F4	4	1	4
F4		2	10
F4		3	11
F4		4	5
F5	4	1	5
F5		2	11
F5		3	12
F5		4	6
F6	4	1	7
F6		2	13
F6		3	14
F6		4	8
F7	4	1	8
F7		2	14
F7		3	15
F7		4	9
F8	4	1	9
F8		2	15
F8		3	16
F8		4	10
F9	4	1	10
F9		2	16
F9		3	17
F9		4	11
F10	4	1	11
F10		2	17
F10		3	18
F10		4	12
F11	4	1	13
F11		2	19
F11		3	20
F11		4	14
F12	4	1	14
F12		2	20
F12		3	21
F12		4	15
F13	4	1	15
F13		2	21
F13		3	22
F13		4	16
F14	4	1	16
F14		2	22
F14		3	23

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F14		4	17
F15	4	1	17
F15		2	23
F15		3	24
F15		4	18
F16	4	1	19
F16		2	25
F16		3	26
F16		4	20
F17	4	1	20
F17		2	26
F17		3	27
F17		4	21
F18	4	1	21
F18		2	27
F18		3	28
F18		4	22
F19	4	1	22
F19		2	28
F19		3	29
F19		4	23
F20	4	1	23
F20		2	29
F20		3	30
F20		4	24
F21	4	1	25
F21		2	31
F21		3	32
F21		4	26
F22	4	1	26
F22		2	32
F22		3	33
F22		4	27
F23	4	1	27
F23		2	33
F23		3	34
F23		4	28
F24	4	1	28
F24		2	34
F24		3	35
F24		4	29
F25	4	1	29
F25		2	35
F25		3	36
F25		4	30
F26	4	1	31

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F26		2	37
F26		3	38
F26		4	32
F27	4	1	32
F27		2	38
F27		3	39
F27		4	33
F28	4	1	33
F28		2	39
F28		3	40
F28		4	34
F29	4	1	34
F29		2	40
F29		3	41
F29		4	35
F30	4	1	35
F30		2	41
F30		3	42
F30		4	36
F31	4	1	37
F31		2	43
F31		3	44
F31		4	38
F32	4	1	38
F32		2	44
F32		3	45
F32		4	39
F33	4	1	39
F33		2	45
F33		3	46
F33		4	40
F34	4	1	40
F34		2	46
F34		3	47
F34		4	41
F35	4	1	41
F35		2	47
F35		3	48
F35		4	42
F36	4	1	43
F36		2	49
F36		3	50
F36		4	44
F37	4	1	44
F37		2	50
F37		3	51

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F37		4	45
F38	4	1	46
F38		2	45
F38		3	51
F38		4	52
F39	4	1	46
F39		2	52
F39		3	53
F39		4	47
F40	4	1	47
F40		2	53
F40		3	54
F40		4	48
F41	4	1	3
F41		2	9
F41		3	10
F41		4	4
F42	4	1	86
F42		2	82
F42		3	84
F42		4	88
F47	4	1	55
F47		2	56
F47		3	9
F47		4	10
F48	4	1	46
F48		2	58
F48		3	59
F48		4	45
F50	4	1	58
F50		2	59
F50		3	51
F50		4	52
F53	4	1	3
F53		2	56
F53		3	55
F53		4	4

Table 1.9 - Wall Bays

Label	NumPoints	PointNumber	PointBay	PointStory
W1	4	1	3	Below
W1		2	4	Below
W1		3	4	Same
W1		4	3	Same
W2	4	1	59	Below
W2		2	51	Below

Table 1.9 - Wall Bays (continued)

Label	NumPoints	PointNumber	PointBay	PointStory
W2		3	51	Same
W2		4	59	Same
W3	4	1	51	Below
W3		2	52	Below
W3		3	52	Same
W3		4	51	Same
W4	4	1	16	Below
W4		2	64	Same
W4		3	80	Same
W4		4	105	Below
W5	4	1	52	Below
W5		2	58	Below
W5		3	58	Same
W5		4	52	Same
W7	4	1	80	Same
W7		2	66	Same
W7		3	22	Same
W7		4	105	Same
W12	4	1	39	Below
W12		2	88	Same
W12		3	92	Same
W12		4	108	Below
W13	4	1	92	Same
W13		2	86	Same
W13		3	33	Same
W13		4	108	Same
W17	4	1	4	Below
W17		2	3	Below
W17		3	3	Same
W17		4	4	Same
W18	4	1	3	Below
W18		2	56	Below
W18		3	56	Same
W18		4	3	Same
W19	4	1	4	Below
W19		2	55	Below
W19		3	55	Same
W19		4	4	Same
W20	4	1	56	Below
W20		2	110	Below
W20		3	110	Same
W20		4	56	Same
W21	4	1	55	Below
W21		2	109	Below
W21		3	109	Same
W21		4	55	Same

Table 1.9 - Wall Bays (continued)

Label	NumPoints	PointNumber	PointBay	PointStory
W23	4	1	52	Below
W23		2	51	Below
W23		3	51	Same
W23		4	52	Same
W24	4	1	51	Below
W24		2	59	Below
W24		3	59	Same
W24		4	51	Same
W25	4	1	59	Below
W25		2	113	Below
W25		3	113	Same
W25		4	59	Same
W27	4	1	58	Below
W27		2	112	Below
W27		3	112	Same
W27		4	58	Same
W28	4	1	58	Below
W28		2	52	Below
W28		3	52	Same
W28		4	58	Same

Table 1.10 - Null Area Bays

Label	NumPoints	PointNumber	PointBay	PointStory
A1	4	1	23	Below
A1		2	23	Same
A1		3	17	Same
A1		4	17	Below
A2	4	1	17	Below
A2		2	17	Same
A2		3	16	Same
A2		4	16	Below
A3	4	1	16	Below
A3		2	16	Same
A3		3	22	Same
A3		4	22	Below
A4	4	1	22	Below
A4		2	22	Same
A4		3	23	Same
A4		4	23	Below
A5	4	1	20	Below
A5		2	20	Same
A5		3	19	Same
A5		4	19	Below
A6	4	1	19	Below
A6		2	19	Same
A6		3	25	Same

Table 1.10 - Null Area Bays (continued)

Label	NumPoints	PointNumber	PointBay	PointStory
A6		4	25	Below
A7	4	1	25	Below
A7		2	25	Same
A7		3	31	Same
A7		4	31	Below
A8	4	1	31	Below
A8		2	31	Same
A8		3	32	Same
A8		4	32	Below
A9	4	1	32	Below
A9		2	32	Same
A9		3	57	Same
A9		4	57	Below
A10	4	1	57	Below
A10		2	57	Same
A10		3	68	Same
A10		4	68	Below
A11	4	1	68	Below
A11		2	68	Same
A11		3	38	Same
A11		4	38	Below
A12	4	1	38	Below
A12		2	38	Same
A12		3	37	Same
A12		4	37	Below
A13	4	1	37	Below
A13		2	37	Same
A13		3	43	Same
A13		4	43	Below
A14	4	1	43	Below
A14		2	43	Same
A14		3	49	Same
A14		4	49	Below
A15	4	1	49	Below
A15		2	49	Same
A15		3	50	Same
A15		4	50	Below
A16	4	1	50	Below
A16		2	50	Same
A16		3	51	Same
A16		4	51	Below
A18	4	1	52	Below
A18		2	52	Same
A18		3	53	Same
A18		4	53	Below
A19	4	1	53	Below

Table 1.10 - Null Area Bays (continued)

Label	NumPoints	PointNumber	PointBay	PointStory
A19		2	53	Same
A19		3	54	Same
A19		4	54	Below
A20	4	1	54	Below
A20		2	54	Same
A20		3	48	Same
A20		4	48	Below
A21	4	1	48	Below
A21		2	48	Same
A21		3	42	Same
A21		4	42	Below
A22	4	1	42	Below
A22		2	42	Same
A22		3	41	Same
A22		4	41	Below
A23	4	1	41	Below
A23		2	41	Same
A23		3	40	Same
A23		4	40	Below
A24	4	1	40	Below
A24		2	40	Same
A24		3	34	Same
A24		4	34	Below
A25	4	1	34	Below
A25		2	34	Same
A25		3	35	Same
A25		4	35	Below
A26	4	1	35	Below
A26		2	35	Same
A26		3	36	Same
A26		4	36	Below
A27	4	1	36	Below
A27		2	36	Same
A27		3	30	Same
A27		4	30	Below
A28	4	1	30	Below
A28		2	30	Same
A28		3	24	Same
A28		4	24	Below
A29	4	1	24	Below
A29		2	24	Same
A29		3	23	Same
A29		4	23	Below
A30	4	1	23	Below
A30		2	23	Same
A30		3	70	Same

Table 1.10 - Null Area Bays (continued)

Label	NumPoints	PointNumber	PointBay	PointStory
A30		4	70	Below
A31	4	1	70	Below
A31		2	70	Same
A31		3	72	Same
A31		4	72	Below
A32	4	1	72	Below
A32		2	72	Same
A32		3	17	Same
A32		4	17	Below
A33	4	1	17	Below
A33		2	17	Same
A33		3	18	Same
A33		4	18	Below
A34	4	1	18	Below
A34		2	18	Same
A34		3	12	Same
A34		4	12	Below
A35	4	1	12	Below
A35		2	12	Same
A35		3	6	Same
A35		4	6	Below
A36	4	1	6	Below
A36		2	6	Same
A36		3	5	Same
A36		4	5	Below
A37	4	1	5	Below
A37		2	5	Same
A37		3	4	Same
A37		4	4	Below
A39	4	1	3	Below
A39		2	3	Same
A39		3	2	Same
A39		4	2	Below
A40	4	1	2	Below
A40		2	2	Same
A40		3	1	Same
A40		4	1	Below
A41	4	1	1	Below
A41		2	1	Same
A41		3	7	Same
A41		4	7	Below
A42	4	1	7	Below
A42		2	7	Same
A42		3	13	Same
A42		4	13	Below
A43	4	1	13	Below

Table 1.10 - Null Area Bays (continued)

Label	NumPoints	PointNumber	PointBay	PointStory
A43		2	13	Same
A43		3	14	Same
A43		4	14	Below
A44	4	1	14	Below
A44		2	14	Same
A44		3	15	Same
A44		4	15	Below
A45	4	1	15	Below
A45		2	15	Same
A45		3	21	Same
A45		4	21	Below
A46	4	1	21	Below
A46		2	21	Same
A46		3	20	Same
A46		4	20	Below
A48	4	1	59	Below
A48		2	59	Same
A48		3	58	Same
A48		4	58	Below
A51	4	1	55	Below
A51		2	55	Same
A51		3	56	Same
A51		4	56	Below
A53	4	1	24	Below
A53		2	24	Same
A53		3	18	Same
A53		4	18	Below
A54	4	1	13	Below
A54		2	13	Same
A54		3	19	Same
A54		4	19	Below
A55	4	1	31	Below
A55		2	31	Same
A55		3	37	Same
A55		4	37	Below
A56	4	1	42	Below
A56		2	42	Same
A56		3	36	Same
A56		4	36	Below
A57	4	1	32	Below
A57		2	33	Below
A57		3	33	Same
A57		4	32	Same
A58	4	1	38	Below
A58		2	39	Below
A58		3	39	Same

Table 1.10 - Null Area Bays (continued)

Label	NumPoints	PointNumber	PointBay	PointStory
A58		4	38	Same
A59	4	1	32	Below
A59		2	38	Below
A59		3	38	Same
A59		4	32	Same
A60	4	1	33	Below
A60		2	33	Same
A60		3	39	Same
A60		4	39	Below

1.6 Mass

Table 1.11 - Mass Source Definition

Name	Is Default	Include Lateral Mass?	Include Vertical Mass?	Lump Mass?	Source Self Mass?	Source Added Mass?	Source Load Patterns?	Move Mass Centroid?
MsSrc1	Yes	Yes	No	Yes	Yes	Yes	No	No

Table 1.12 - Mass Summary by Story

Story	UX kg	UY kg	UZ kg
head room	35633.65	35633.65	0
terrace	606649.79	606649.79	0
Story5	671409.38	671409.38	0
Story4	671409.38	671409.38	0
Story3	671409.38	671409.38	0
Story2	671409.38	671409.38	0
Story1	671409.38	671409.38	0
ground	685992.38	685992.38	0
Base	28246.56	28246.56	0

Table 1.13 - Mass Summary by Group

Group	Self Mass kg	Self Weight kN	Mass X kg	Mass Y kg	Mass Z kg
All	4713569.28	0	4713569.28	4713569.28	0
Cladding -A28	0	0	0	0	0
Cladding -A27	0	0	0	0	0
Cladding -A56	0	0	0	0	0
Cladding -A21	0	0	0	0	0
Cladding -A20	0	0	0	0	0
Cladding -A19	0	0	0	0	0
Cladding -A18	0	0	0	0	0
Cladding -W23	7239.12	0	7239.12	7239.12	0
Cladding -A16	0	0	0	0	0
Cladding -A15	0	0	0	0	0
Cladding -A14	0	0	0	0	0

Table 1.13 - Mass Summary by Group (continued)

Group	Self Mass kg	Self Weight kN	Mass X kg	Mass Y kg	Mass Z kg
Cladding -A13	0	0	0	0	0
Cladding -A55	0	0	0	0	0
Cladding -A7	0	0	0	0	0
Cladding -A6	0	0	0	0	0
Cladding -A54	0	0	0	0	0
Cladding -A42	0	0	0	0	0
Cladding -A41	0	0	0	0	0
Cladding -A40	0	0	0	0	0
Cladding -A39	0	0	0	0	0
Cladding -W17	7239.12	0	7239.12	7239.12	0
Cladding -A37	0	0	0	0	0
Cladding -A36	0	0	0	0	0
Cladding -A35	0	0	0	0	0
Cladding -A34	0	0	0	0	0
Cladding -A53	0	0	0	0	0
Cladding -A46	0	0	0	0	0
Cladding -A45	0	0	0	0	0
Cladding -A44	0	0	0	0	0
Cladding -A43	0	0	0	0	0
Cladding -W18	23241.39	0	23241.39	23241.39	0
Cladding -A51	0	0	0	0	0
Cladding -W19	23241.39	0	23241.39	23241.39	0
Cladding -A33	0	0	0	0	0
Cladding -A32	0	0	0	0	0
Cladding -A31	0	0	0	0	0
Cladding -A30	0	0	0	0	0
Cladding -A29	0	0	0	0	0
Cladding -A26	0	0	0	0	0
Cladding -A25	0	0	0	0	0
Cladding -A24	0	0	0	0	0
Cladding -A23	0	0	0	0	0
Cladding -A22	0	0	0	0	0
Cladding -W28	23241.39	0	23241.39	23241.39	0
Cladding -A48	0	0	0	0	0
Cladding -W24	23241.39	0	23241.39	23241.39	0
Cladding -A12	0	0	0	0	0
Cladding -A11	0	0	0	0	0
Cladding -A10	0	0	0	0	0
Cladding -A9	0	0	0	0	0
Cladding -A8	0	0	0	0	0
Cladding -A5	0	0	0	0	0
Cladding -A4	0	0	0	0	0
Cladding -A3	0	0	0	0	0
Cladding -A2	0	0	0	0	0

Table 1.13 - Mass Summary by Group (continued)

Group	Self Mass kg	Self Weight kN	Mass X kg	Mass Y kg	Mass Z kg
Cladding -A1	0	0	0	0	0
Cladding -A4	0	0	0	0	0
Cladding -A3	0	0	0	0	0
Cladding -A2	0	0	0	0	0
Cladding -A1	0	0	0	0	0

1.7 Groups

Table 1.14 - Group Definitions

Name	Color	Steel Design?	Concrete Design?	Composite Design?
All	Yellow	No	No	No
Cladding -A28	Yellow	No	No	No
Cladding -A27	Blue	No	No	No
Cladding -A56	Cyan	No	No	No
Cladding -A21	Magenta	No	No	No
Cladding -A20	Gray8Dark	No	No	No
Cladding -A19	Green	No	No	No
Cladding -A18	Red	No	No	No
Cladding -W23	Yellow	No	No	No
Cladding -A16	Blue	No	No	No
Cladding -A15	Cyan	No	No	No
Cladding -A14	Magenta	No	No	No
Cladding -A13	Gray8Dark	No	No	No
Cladding -A55	Green	No	No	No
Cladding -A7	Red	No	No	No
Cladding -A6	Yellow	No	No	No
Cladding -A54	Blue	No	No	No
Cladding -A42	Cyan	No	No	No
Cladding -A41	Magenta	No	No	No
Cladding -A40	Gray8Dark	No	No	No
Cladding -A39	Green	No	No	No
Cladding -W17	Cyan	No	No	No
Cladding -A37	Magenta	No	No	No
Cladding -A36	Gray8Dark	No	No	No
Cladding -A35	Green	No	No	No
Cladding -A34	Red	No	No	No
Cladding -A53	Yellow	No	No	No
Cladding -A46	Blue	No	No	No
Cladding -A45	Cyan	No	No	No
Cladding -A44	Magenta	No	No	No
Cladding -A43	Gray8Dark	No	No	No
Cladding -W18	Green	No	No	No
Cladding -A51	Red	No	No	No
Cladding -W19	Yellow	No	No	No

Table 1.14 - Group Definitions (continued)

Name	Color	Steel Design?	Concrete Design?	Composite Design?
Cladding -A33	Blue	No	No	No
Cladding -A32	Cyan	No	No	No
Cladding -A31	Magenta	No	No	No
Cladding -A30	Gray8Dark	No	No	No
Cladding -A29	Green	No	No	No
Cladding -A26	Red	No	No	No
Cladding -A25	Yellow	No	No	No
Cladding -A24	Gray8Dark	No	No	No
Cladding -A23	Green	No	No	No
Cladding -A22	Red	No	No	No
Cladding -W28	Yellow	No	No	No
Cladding -A48	Blue	No	No	No
Cladding -W24	Cyan	No	No	No
Cladding -A12	Magenta	No	No	No
Cladding -A11	Gray8Dark	No	No	No
Cladding -A10	Green	No	No	No
Cladding -A9	Red	No	No	No
Cladding -A8	Yellow	No	No	No
Cladding -A5	Blue	No	No	No
Cladding -A4	Cyan	No	No	No
Cladding -A3	Magenta	No	No	No
Cladding -A2	Gray8Dark	No	No	No
Cladding -A1	Green	No	No	No
Cladding -A4	Red	No	No	No
Cladding -A3	Yellow	No	No	No
Cladding -A2	Blue	No	No	No
Cladding -A1	Cyan	No	No	No

Table 1.15 - Group Assignments

Group Name	Object Type	Object Unique Name
Cladding -A28	Area	646
Cladding -A28	Area	600
Cladding -A28	Area	554
Cladding -A28	Area	508
Cladding -A28	Area	462
Cladding -A28	Area	416
Cladding -A28	Area	119
Cladding -A27	Area	645
Cladding -A27	Area	599
Cladding -A27	Area	553
Cladding -A27	Area	507
Cladding -A27	Area	461
Cladding -A27	Area	415

Table 1.15 - Group Assignments (continued)

Group Name	Object Type	Object Unique Name
Cladding -A27	Area	118
Cladding -A56	Area	644
Cladding -A21	Area	643
Cladding -A21	Area	593
Cladding -A21	Area	547
Cladding -A21	Area	501
Cladding -A21	Area	455
Cladding -A21	Area	409
Cladding -A21	Area	112
Cladding -A20	Area	642
Cladding -A20	Area	592
Cladding -A20	Area	546
Cladding -A20	Area	500
Cladding -A20	Area	454
Cladding -A20	Area	408
Cladding -A20	Area	110
Cladding -A19	Area	641
Cladding -A19	Area	591
Cladding -A19	Area	545
Cladding -A19	Area	499
Cladding -A19	Area	453
Cladding -A19	Area	389
Cladding -A19	Area	109
Cladding -A18	Area	640
Cladding -A18	Area	590
Cladding -A18	Area	544
Cladding -A18	Area	498
Cladding -A18	Area	452
Cladding -A18	Area	373
Cladding -A18	Area	108
Cladding -W23	Area	293
Cladding -A16	Area	638
Cladding -A16	Area	586
Cladding -A16	Area	540
Cladding -A16	Area	494
Cladding -A16	Area	448
Cladding -A16	Area	292
Cladding -A16	Area	99
Cladding -A15	Area	637
Cladding -A15	Area	585
Cladding -A15	Area	539
Cladding -A15	Area	493
Cladding -A15	Area	447
Cladding -A15	Area	283

Table 1.15 - Group Assignments (continued)

Group Name	Object Type	Object Unique Name
Cladding -A15	Area	79
Cladding -A14	Area	636
Cladding -A14	Area	584
Cladding -A14	Area	538
Cladding -A14	Area	492
Cladding -A14	Area	446
Cladding -A14	Area	280
Cladding -A14	Area	70
Cladding -A13	Area	635
Cladding -A13	Area	583
Cladding -A13	Area	537
Cladding -A13	Area	491
Cladding -A13	Area	445
Cladding -A13	Area	279
Cladding -A13	Area	69
Cladding -A55	Area	634
Cladding -A7	Area	633
Cladding -A7	Area	577
Cladding -A7	Area	531
Cladding -A7	Area	485
Cladding -A7	Area	439
Cladding -A7	Area	232
Cladding -A7	Area	49
Cladding -A6	Area	632
Cladding -A6	Area	576
Cladding -A6	Area	530
Cladding -A6	Area	484
Cladding -A6	Area	438
Cladding -A6	Area	209
Cladding -A6	Area	42
Cladding -A54	Area	631
Cladding -A42	Area	630
Cladding -A42	Area	616
Cladding -A42	Area	570
Cladding -A42	Area	524
Cladding -A42	Area	478
Cladding -A42	Area	432
Cladding -A42	Area	160
Cladding -A41	Area	629
Cladding -A41	Area	615
Cladding -A41	Area	569
Cladding -A41	Area	523
Cladding -A41	Area	477
Cladding -A41	Area	431

Table 1.15 - Group Assignments (continued)

Group Name	Object Type	Object Unique Name
Cladding -A41	Area	159
Cladding -A40	Area	628
Cladding -A40	Area	614
Cladding -A40	Area	568
Cladding -A40	Area	522
Cladding -A40	Area	476
Cladding -A40	Area	430
Cladding -A40	Area	152
Cladding -A39	Area	627
Cladding -A39	Area	613
Cladding -A39	Area	567
Cladding -A39	Area	521
Cladding -A39	Area	475
Cladding -A39	Area	429
Cladding -A39	Area	150
Cladding -W17	Area	239
Cladding -A37	Area	625
Cladding -A37	Area	609
Cladding -A37	Area	563
Cladding -A37	Area	517
Cladding -A37	Area	471
Cladding -A37	Area	425
Cladding -A37	Area	148
Cladding -A36	Area	624
Cladding -A36	Area	608
Cladding -A36	Area	562
Cladding -A36	Area	516
Cladding -A36	Area	470
Cladding -A36	Area	424
Cladding -A36	Area	147
Cladding -A35	Area	623
Cladding -A35	Area	607
Cladding -A35	Area	561
Cladding -A35	Area	515
Cladding -A35	Area	469
Cladding -A35	Area	423
Cladding -A35	Area	146
Cladding -A34	Area	622
Cladding -A34	Area	606
Cladding -A34	Area	560
Cladding -A34	Area	514
Cladding -A34	Area	468
Cladding -A34	Area	422
Cladding -A34	Area	145

Table 1.15 - Group Assignments (continued)

Group Name	Object Type	Object Unique Name
Cladding -A53	Area	621
Cladding -A46	Area	620
Cladding -A46	Area	574
Cladding -A46	Area	528
Cladding -A46	Area	482
Cladding -A46	Area	436
Cladding -A46	Area	172
Cladding -A45	Area	619
Cladding -A45	Area	573
Cladding -A45	Area	527
Cladding -A45	Area	481
Cladding -A45	Area	435
Cladding -A45	Area	170
Cladding -A44	Area	618
Cladding -A44	Area	572
Cladding -A44	Area	526
Cladding -A44	Area	480
Cladding -A44	Area	434
Cladding -A44	Area	169
Cladding -A43	Area	617
Cladding -A43	Area	571
Cladding -A43	Area	525
Cladding -A43	Area	479
Cladding -A43	Area	433
Cladding -A43	Area	162
Cladding -W18	Area	260
Cladding -W18	Area	259
Cladding -W18	Area	258
Cladding -W18	Area	257
Cladding -W18	Area	256
Cladding -A51	Area	611
Cladding -A51	Area	565
Cladding -A51	Area	519
Cladding -A51	Area	473
Cladding -A51	Area	427
Cladding -W19	Area	200
Cladding -W19	Area	199
Cladding -W19	Area	192
Cladding -W19	Area	190
Cladding -W19	Area	189
Cladding -A33	Area	605
Cladding -A33	Area	559
Cladding -A33	Area	513
Cladding -A33	Area	467

Table 1.15 - Group Assignments (continued)

Group Name	Object Type	Object Unique Name
Cladding -A33	Area	421
Cladding -A33	Area	144
Cladding -A32	Area	604
Cladding -A32	Area	558
Cladding -A32	Area	512
Cladding -A32	Area	466
Cladding -A32	Area	420
Cladding -A32	Area	137
Cladding -A31	Area	603
Cladding -A31	Area	557
Cladding -A31	Area	511
Cladding -A31	Area	465
Cladding -A31	Area	419
Cladding -A31	Area	135
Cladding -A30	Area	602
Cladding -A30	Area	556
Cladding -A30	Area	510
Cladding -A30	Area	464
Cladding -A30	Area	418
Cladding -A30	Area	129
Cladding -A29	Area	601
Cladding -A29	Area	555
Cladding -A29	Area	509
Cladding -A29	Area	463
Cladding -A29	Area	417
Cladding -A29	Area	120
Cladding -A26	Area	598
Cladding -A26	Area	552
Cladding -A26	Area	506
Cladding -A26	Area	460
Cladding -A26	Area	414
Cladding -A26	Area	117
Cladding -A25	Area	597
Cladding -A25	Area	551
Cladding -A25	Area	505
Cladding -A25	Area	459
Cladding -A25	Area	413
Cladding -A25	Area	116
Cladding -A24	Area	596
Cladding -A24	Area	550
Cladding -A24	Area	504
Cladding -A24	Area	458
Cladding -A24	Area	412
Cladding -A24	Area	115

Table 1.15 - Group Assignments (continued)

Group Name	Object Type	Object Unique Name
Cladding -A23	Area	595
Cladding -A23	Area	549
Cladding -A23	Area	503
Cladding -A23	Area	457
Cladding -A23	Area	411
Cladding -A23	Area	114
Cladding -A22	Area	594
Cladding -A22	Area	548
Cladding -A22	Area	502
Cladding -A22	Area	456
Cladding -A22	Area	410
Cladding -A22	Area	113
Cladding -W28	Area	289
Cladding -W28	Area	288
Cladding -W28	Area	287
Cladding -W28	Area	286
Cladding -W28	Area	285
Cladding -A48	Area	588
Cladding -A48	Area	542
Cladding -A48	Area	496
Cladding -A48	Area	450
Cladding -A48	Area	329
Cladding -W24	Area	320
Cladding -W24	Area	319
Cladding -W24	Area	312
Cladding -W24	Area	310
Cladding -W24	Area	309
Cladding -A12	Area	582
Cladding -A12	Area	536
Cladding -A12	Area	490
Cladding -A12	Area	444
Cladding -A12	Area	272
Cladding -A12	Area	62
Cladding -A11	Area	581
Cladding -A11	Area	535
Cladding -A11	Area	489
Cladding -A11	Area	443
Cladding -A11	Area	270
Cladding -A11	Area	60
Cladding -A10	Area	580
Cladding -A10	Area	534
Cladding -A10	Area	488
Cladding -A10	Area	442
Cladding -A10	Area	269

Table 1.15 - Group Assignments (continued)

Group Name	Object Type	Object Unique Name
Cladding -A10	Area	59
Cladding -A9	Area	579
Cladding -A9	Area	533
Cladding -A9	Area	487
Cladding -A9	Area	441
Cladding -A9	Area	262
Cladding -A9	Area	52
Cladding -A8	Area	578
Cladding -A8	Area	532
Cladding -A8	Area	486
Cladding -A8	Area	440
Cladding -A8	Area	254
Cladding -A8	Area	50
Cladding -A5	Area	575
Cladding -A5	Area	529
Cladding -A5	Area	483
Cladding -A5	Area	437
Cladding -A5	Area	180
Cladding -A5	Area	40
Cladding -A4	Area	27
Cladding -A3	Area	25
Cladding -A2	Area	24
Cladding -A1	Area	12
Cladding -A4	Area	27
Cladding -A3	Area	25
Cladding -A2	Area	24
Cladding -A1	Area	12

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - General

Material	Type	SymType	Grade	Color	Notes
4000Psi	Concrete	Isotropic	f'c 4000 psi	Gray8Dark	
A416Gr270	Tendon	Uniaxial	Grade 270	Green	
A615Gr60	Rebar	Uniaxial	Grade 60	Blue	
A992Fy50	Steel	Isotropic	Grade 50	Yellow	
Fe500	Steel	Isotropic	Fe500	Green	
M30	Concrete	Isotropic	M30	Cyan	

2.2 Frame Sections

Table 2.2 - Frame Section Property Definitions - Summary (Part 1 of 3)

Name	Material	Shape	Color	Area cm2	J cm4	I33 cm4	I22 cm4	As2 cm2	As3 cm2
beam 350 X 350	M30	Concrete Rectangular	Blue	1225	211338	125052.1	125052.1	1020.8	1020.8
column 1.0 x 0.5	M30	Concrete Rectangular	Yellow	5000	2861002.6	4166666.7	1041666.7	4166.7	4166.7
column 600 X 600	M30	Concrete Rectangular	Magenta	3600	1825200	1080000	1080000	3000	3000
column 500 X 500	M30	Concrete Rectangular	Yellow	2500	880208.3	520833.3	520833.3	2083.3	2083.3

Table 2.2 - Frame Section Property Definitions - Summary (Part 2 of 3)

S33Pos cm3	S33Neg cm3	S22Pos cm3	S22Neg cm3	Z33 cm3	Z22 cm3	R33 mm	R22 mm	CG Offset 3 mm	CG Offset 2 mm	PNA Offset 3 mm	PNA Offset 2 mm	Area Modifier
7145.8	7145.8	7145.8	7145.8	10718.8	10718.8	101	101	0	0	0	0	1
83333.3	83333.3	41666.7	41666.7	125000	62500	288.7	144.3	0	0	0	0	1
36000	36000	36000	36000	54000	54000	173.2	173.2	0	0	0	0	1
20833.3	20833.3	20833.3	20833.3	31250	31250	144.3	144.3	0	0	0	0	1

Table 2.2 - Frame Section Property Definitions - Summary (Part 3 of 3)

As3 Modifier	J Modifier	I33 Modifier	I22 Modifier	Mass Modifier	Weight Modifier
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1

2.3 Shell Sections

Table 2.3 - Area Section Property Definitions - Summary

Name	Type	Element Type	Material	Total Thickness mm	Deck Material	Deck Depth mm
Deck1	Deck	Membrane	4000Psi	162.5	A992Fy50	75
landing slab 250	Slab	Shell-Thin	M30	250		
Plank1	Slab	Membrane	4000Psi	200		
Slab200	Slab	Shell-Thin	M30	200		
Wall1	Wall	Shell-Thin	M30	230		

2.4 Reinforcement Sizes

Table 2.4 - Reinforcing Bar Sizes

Name	Diameter mm	Area cm2
6	6	0.3
8	8	0.5
10	10	0.8
12	12	1.1
14	14	1.5
16	16	2
18	18	2.5
20	20	3.1
22	22	3.8
25	25	4.9
26	26	5.3
28	28	6.2
32	32	8
36	36	10.2
40	40	12.6
50	50	19.6

2.5 Links

Table 2.5 - Link Property Definitions - Summary

Name	Type	Degrees of Freedom	Mass kg	Weight kN	Defined Length m	Defined Area m2
Link1	Linear	U1	0	0	1	1

2.6 Tendon Sections

Table 2.6 - Tendon Section Properties

Name	Material	StrandArea cm2	Color	Notes
Tendon1	A416Gr270	1	Blue	

3 Assignments

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

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	UniqueName	Diaphragm	Restraints
head room	16	24	From Area	
head room	17	4	From Area	
head room	22	20	From Area	
head room	23	10	From Area	
head room	32	30	From Area	
head room	33	50	From Area	
head room	38	40	From Area	
head room	39	44	From Area	
terrace	1	3	From Area	
terrace	2	13	From Area	
terrace	3	23	From Area	
terrace	4	33	From Area	
terrace	5	43	From Area	
terrace	6	53	From Area	
terrace	7	63	From Area	
terrace	8	583	From Area	
terrace	9	83	From Area	
terrace	10	93	From Area	
terrace	11	553	From Area	
terrace	12	113	From Area	
terrace	13	123	From Area	
terrace	14	133	From Area	
terrace	15	143	From Area	
terrace	16	153	From Area	
terrace	17	163	From Area	
terrace	18	173	From Area	
terrace	19	183	From Area	
terrace	20	193	From Area	
terrace	21	203	From Area	
terrace	22	213	From Area	
terrace	23	223	From Area	
terrace	24	233	From Area	
terrace	25	243	From Area	
terrace	26	593	From Area	
terrace	27	263	From Area	
terrace	28	273	From Area	
terrace	29	563	From Area	
terrace	30	293	From Area	
terrace	31	303	From Area	
terrace	32	313	From Area	
terrace	33	323	From Area	
terrace	34	333	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
terrace	35	343	From Area	
terrace	36	353	From Area	
terrace	37	363	From Area	
terrace	38	373	From Area	
terrace	39	383	From Area	
terrace	40	393	From Area	
terrace	41	403	From Area	
terrace	42	413	From Area	
terrace	43	423	From Area	
terrace	44	603	From Area	
terrace	45	443	From Area	
terrace	46	453	From Area	
terrace	47	573	From Area	
terrace	48	473	From Area	
terrace	49	483	From Area	
terrace	50	493	From Area	
terrace	51	503	From Area	
terrace	52	513	From Area	
terrace	53	523	From Area	
terrace	54	533	From Area	
terrace	55	284	From Area	
terrace	56	300	From Area	
terrace	58	364	From Area	
terrace	59	394	From Area	
terrace	60	433	From Area	
terrace	61	444	From Area	
terrace	64	465	From Area	
terrace	66	482	From Area	
terrace	80	574	From Area	
terrace	82	604	From Area	
terrace	84	618	From Area	
terrace	86	627	From Area	
terrace	88	636	From Area	
terrace	92	654	From Area	
terrace	105	682	From Area	
terrace	108	697	From Area	
terrace	109	727	From Area	
terrace	110	737	From Area	
terrace	112	761	From Area	
terrace	113	753	From Area	
terrace	57	12	From Area	
terrace	68	34	From Area	
terrace	70	60	From Area	
terrace	72	71	From Area	
Story5	1	5	From Area	
Story5	2	15	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story5	3	25	From Area	
Story5	4	35	From Area	
Story5	5	45	From Area	
Story5	6	55	From Area	
Story5	7	65	From Area	
Story5	8	585	From Area	
Story5	9	85	From Area	
Story5	10	95	From Area	
Story5	11	555	From Area	
Story5	12	115	From Area	
Story5	13	125	From Area	
Story5	14	135	From Area	
Story5	15	145	From Area	
Story5	16	155	From Area	
Story5	17	165	From Area	
Story5	18	175	From Area	
Story5	19	185	From Area	
Story5	20	195	From Area	
Story5	21	205	From Area	
Story5	22	215	From Area	
Story5	23	225	From Area	
Story5	24	235	From Area	
Story5	25	245	From Area	
Story5	26	595	From Area	
Story5	27	265	From Area	
Story5	28	275	From Area	
Story5	29	565	From Area	
Story5	30	295	From Area	
Story5	31	305	From Area	
Story5	32	315	From Area	
Story5	33	325	From Area	
Story5	34	335	From Area	
Story5	35	345	From Area	
Story5	36	355	From Area	
Story5	37	365	From Area	
Story5	38	375	From Area	
Story5	39	385	From Area	
Story5	40	395	From Area	
Story5	41	405	From Area	
Story5	42	415	From Area	
Story5	43	425	From Area	
Story5	44	605	From Area	
Story5	45	445	From Area	
Story5	46	455	From Area	
Story5	47	575	From Area	
Story5	48	475	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story5	49	485	From Area	
Story5	50	495	From Area	
Story5	51	505	From Area	
Story5	52	515	From Area	
Story5	53	525	From Area	
Story5	54	535	From Area	
Story5	55	286	From Area	
Story5	56	304	From Area	
Story5	58	372	From Area	
Story5	59	402	From Area	
Story5	60	434	From Area	
Story5	61	450	From Area	
Story5	64	466	From Area	
Story5	66	484	From Area	
Story5	80	580	From Area	
Story5	82	610	From Area	
Story5	84	619	From Area	
Story5	86	628	From Area	
Story5	88	637	From Area	
Story5	92	655	From Area	
Story5	105	683	From Area	
Story5	108	698	From Area	
Story5	109	729	From Area	
Story5	110	739	From Area	
Story5	112	763	From Area	
Story5	113	755	From Area	
Story5	57	22	From Area	
Story5	68	52	From Area	
Story5	70	64	From Area	
Story5	72	73	From Area	
Story4	1	6	From Area	
Story4	2	16	From Area	
Story4	3	26	From Area	
Story4	4	36	From Area	
Story4	5	46	From Area	
Story4	6	56	From Area	
Story4	7	66	From Area	
Story4	8	586	From Area	
Story4	9	86	From Area	
Story4	10	96	From Area	
Story4	11	556	From Area	
Story4	12	116	From Area	
Story4	13	126	From Area	
Story4	14	136	From Area	
Story4	15	146	From Area	
Story4	16	156	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story4	17	166	From Area	
Story4	18	176	From Area	
Story4	19	186	From Area	
Story4	20	196	From Area	
Story4	21	206	From Area	
Story4	22	216	From Area	
Story4	23	226	From Area	
Story4	24	236	From Area	
Story4	25	246	From Area	
Story4	26	596	From Area	
Story4	27	266	From Area	
Story4	28	276	From Area	
Story4	29	566	From Area	
Story4	30	296	From Area	
Story4	31	306	From Area	
Story4	32	316	From Area	
Story4	33	326	From Area	
Story4	34	336	From Area	
Story4	35	346	From Area	
Story4	36	356	From Area	
Story4	37	366	From Area	
Story4	38	376	From Area	
Story4	39	386	From Area	
Story4	40	396	From Area	
Story4	41	406	From Area	
Story4	42	416	From Area	
Story4	43	426	From Area	
Story4	44	606	From Area	
Story4	45	446	From Area	
Story4	46	456	From Area	
Story4	47	576	From Area	
Story4	48	476	From Area	
Story4	49	486	From Area	
Story4	50	496	From Area	
Story4	51	506	From Area	
Story4	52	516	From Area	
Story4	53	526	From Area	
Story4	54	536	From Area	
Story4	55	287	From Area	
Story4	56	310	From Area	
Story4	58	374	From Area	
Story4	59	404	From Area	
Story4	60	435	From Area	
Story4	61	452	From Area	
Story4	64	467	From Area	
Story4	66	490	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story4	80	581	From Area	
Story4	82	611	From Area	
Story4	84	620	From Area	
Story4	86	629	From Area	
Story4	88	638	From Area	
Story4	92	656	From Area	
Story4	105	684	From Area	
Story4	108	699	From Area	
Story4	109	730	From Area	
Story4	110	740	From Area	
Story4	112	764	From Area	
Story4	113	756	From Area	
Story4	57	75	From Area	
Story4	68	77	From Area	
Story4	70	79	From Area	
Story4	72	82	From Area	
Story3	1	7	From Area	
Story3	2	17	From Area	
Story3	3	27	From Area	
Story3	4	37	From Area	
Story3	5	47	From Area	
Story3	6	57	From Area	
Story3	7	67	From Area	
Story3	8	587	From Area	
Story3	9	87	From Area	
Story3	10	97	From Area	
Story3	11	557	From Area	
Story3	12	117	From Area	
Story3	13	127	From Area	
Story3	14	137	From Area	
Story3	15	147	From Area	
Story3	16	157	From Area	
Story3	17	167	From Area	
Story3	18	177	From Area	
Story3	19	187	From Area	
Story3	20	197	From Area	
Story3	21	207	From Area	
Story3	22	217	From Area	
Story3	23	227	From Area	
Story3	24	237	From Area	
Story3	25	247	From Area	
Story3	26	597	From Area	
Story3	27	267	From Area	
Story3	28	277	From Area	
Story3	29	567	From Area	
Story3	30	297	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story3	31	307	From Area	
Story3	32	317	From Area	
Story3	33	327	From Area	
Story3	34	337	From Area	
Story3	35	347	From Area	
Story3	36	357	From Area	
Story3	37	367	From Area	
Story3	38	377	From Area	
Story3	39	387	From Area	
Story3	40	397	From Area	
Story3	41	407	From Area	
Story3	42	417	From Area	
Story3	43	427	From Area	
Story3	44	607	From Area	
Story3	45	447	From Area	
Story3	46	457	From Area	
Story3	47	577	From Area	
Story3	48	477	From Area	
Story3	49	487	From Area	
Story3	50	497	From Area	
Story3	51	507	From Area	
Story3	52	517	From Area	
Story3	53	527	From Area	
Story3	54	537	From Area	
Story3	55	288	From Area	
Story3	56	312	From Area	
Story3	58	380	From Area	
Story3	59	410	From Area	
Story3	60	436	From Area	
Story3	61	454	From Area	
Story3	64	468	From Area	
Story3	66	492	From Area	
Story3	80	584	From Area	
Story3	82	612	From Area	
Story3	84	621	From Area	
Story3	86	630	From Area	
Story3	88	639	From Area	
Story3	92	657	From Area	
Story3	105	685	From Area	
Story3	108	700	From Area	
Story3	109	731	From Area	
Story3	110	741	From Area	
Story3	112	765	From Area	
Story3	113	757	From Area	
Story3	57	90	From Area	
Story3	68	94	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story3	70	101	From Area	
Story3	72	103	From Area	
Story2	1	8	From Area	
Story2	2	18	From Area	
Story2	3	28	From Area	
Story2	4	38	From Area	
Story2	5	48	From Area	
Story2	6	58	From Area	
Story2	7	68	From Area	
Story2	8	588	From Area	
Story2	9	88	From Area	
Story2	10	98	From Area	
Story2	11	558	From Area	
Story2	12	118	From Area	
Story2	13	128	From Area	
Story2	14	138	From Area	
Story2	15	148	From Area	
Story2	16	158	From Area	
Story2	17	168	From Area	
Story2	18	178	From Area	
Story2	19	188	From Area	
Story2	20	198	From Area	
Story2	21	208	From Area	
Story2	22	218	From Area	
Story2	23	228	From Area	
Story2	24	238	From Area	
Story2	25	248	From Area	
Story2	26	598	From Area	
Story2	27	268	From Area	
Story2	28	278	From Area	
Story2	29	568	From Area	
Story2	30	298	From Area	
Story2	31	308	From Area	
Story2	32	318	From Area	
Story2	33	328	From Area	
Story2	34	338	From Area	
Story2	35	348	From Area	
Story2	36	358	From Area	
Story2	37	368	From Area	
Story2	38	378	From Area	
Story2	39	388	From Area	
Story2	40	398	From Area	
Story2	41	408	From Area	
Story2	42	418	From Area	
Story2	43	428	From Area	
Story2	44	608	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	45	448	From Area	
Story2	46	458	From Area	
Story2	47	578	From Area	
Story2	48	478	From Area	
Story2	49	488	From Area	
Story2	50	498	From Area	
Story2	51	508	From Area	
Story2	52	518	From Area	
Story2	53	528	From Area	
Story2	54	538	From Area	
Story2	55	289	From Area	
Story2	56	314	From Area	
Story2	58	382	From Area	
Story2	59	412	From Area	
Story2	60	437	From Area	
Story2	61	460	From Area	
Story2	64	469	From Area	
Story2	66	494	From Area	
Story2	80	590	From Area	
Story2	82	613	From Area	
Story2	84	622	From Area	
Story2	86	631	From Area	
Story2	88	640	From Area	
Story2	92	658	From Area	
Story2	105	686	From Area	
Story2	108	701	From Area	
Story2	109	732	From Area	
Story2	110	742	From Area	
Story2	112	766	From Area	
Story2	113	758	From Area	
Story2	57	105	From Area	
Story2	68	107	From Area	
Story2	70	109	From Area	
Story2	72	114	From Area	
Story1	1	9	From Area	
Story1	2	19	From Area	
Story1	3	29	From Area	
Story1	4	39	From Area	
Story1	5	49	From Area	
Story1	6	59	From Area	
Story1	7	69	From Area	
Story1	8	589	From Area	
Story1	9	89	From Area	
Story1	10	99	From Area	
Story1	11	559	From Area	
Story1	12	119	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story1	13	129	From Area	
Story1	14	139	From Area	
Story1	15	149	From Area	
Story1	16	159	From Area	
Story1	17	169	From Area	
Story1	18	179	From Area	
Story1	19	189	From Area	
Story1	20	199	From Area	
Story1	21	209	From Area	
Story1	22	219	From Area	
Story1	23	229	From Area	
Story1	24	239	From Area	
Story1	25	249	From Area	
Story1	26	599	From Area	
Story1	27	269	From Area	
Story1	28	279	From Area	
Story1	29	569	From Area	
Story1	30	299	From Area	
Story1	31	309	From Area	
Story1	32	319	From Area	
Story1	33	329	From Area	
Story1	34	339	From Area	
Story1	35	349	From Area	
Story1	36	359	From Area	
Story1	37	369	From Area	
Story1	38	379	From Area	
Story1	39	389	From Area	
Story1	40	399	From Area	
Story1	41	409	From Area	
Story1	42	419	From Area	
Story1	43	429	From Area	
Story1	44	609	From Area	
Story1	45	449	From Area	
Story1	46	459	From Area	
Story1	47	579	From Area	
Story1	48	479	From Area	
Story1	49	489	From Area	
Story1	50	499	From Area	
Story1	51	509	From Area	
Story1	52	519	From Area	
Story1	53	529	From Area	
Story1	54	539	From Area	
Story1	55	290	From Area	
Story1	56	320	From Area	
Story1	58	384	From Area	
Story1	59	414	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story1	60	431	From Area	
Story1	61	440	From Area	
Story1	64	463	From Area	
Story1	66	474	From Area	
Story1	80	570	From Area	
Story1	82	600	From Area	
Story1	84	616	From Area	
Story1	86	625	From Area	
Story1	88	634	From Area	
Story1	92	652	From Area	
Story1	105	687	From Area	
Story1	108	702	From Area	
Story1	109	733	From Area	
Story1	110	743	From Area	
Story1	112	767	From Area	
Story1	113	759	From Area	
Story1	57	122	From Area	
Story1	68	130	From Area	
Story1	70	134	From Area	
Story1	72	142	From Area	
ground	1	1	From Area	
ground	2	11	From Area	
ground	3	21	From Area	
ground	4	31	From Area	
ground	5	41	From Area	
ground	6	51	From Area	
ground	7	61	From Area	
ground	8	582	From Area	
ground	9	81	From Area	
ground	10	91	From Area	
ground	11	552	From Area	
ground	12	111	From Area	
ground	13	121	From Area	
ground	14	131	From Area	
ground	15	141	From Area	
ground	16	151	From Area	
ground	17	161	From Area	
ground	18	171	From Area	
ground	19	181	From Area	
ground	20	191	From Area	
ground	21	201	From Area	
ground	22	211	From Area	
ground	23	221	From Area	
ground	24	231	From Area	
ground	25	241	From Area	
ground	26	592	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
ground	27	261	From Area	
ground	28	271	From Area	
ground	29	562	From Area	
ground	30	291	From Area	
ground	31	301	From Area	
ground	32	311	From Area	
ground	33	321	From Area	
ground	34	331	From Area	
ground	35	341	From Area	
ground	36	351	From Area	
ground	37	361	From Area	
ground	38	371	From Area	
ground	39	381	From Area	
ground	40	391	From Area	
ground	41	401	From Area	
ground	42	411	From Area	
ground	43	421	From Area	
ground	44	602	From Area	
ground	45	441	From Area	
ground	46	451	From Area	
ground	47	572	From Area	
ground	48	471	From Area	
ground	49	481	From Area	
ground	50	491	From Area	
ground	51	501	From Area	
ground	52	511	From Area	
ground	53	521	From Area	
ground	54	531	From Area	
ground	55	292	From Area	
ground	56	322	From Area	
ground	58	390	From Area	
ground	59	420	From Area	
ground	105	680	From Area	
ground	108	695	From Area	
ground	109	710	From Area	
ground	110	711	From Area	
ground	112	744	From Area	
ground	113	745	From Area	
ground	57	150	From Area	
ground	68	160	From Area	
ground	70	170	From Area	
ground	72	182	From Area	
Base	1	2	From Area	UX; UY; UZ; RX; RY; RZ
Base	2	14	From Area	UX; UY; UZ; RX; RY; RZ
Base	3	32	From Area	UX; UY; UZ; RX; RY; RZ
Base	4	42	From Area	UX; UY; UZ; RX; RY; RZ

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Base	5	54	From Area	UX; UY; UZ; RX; RY; RZ
Base	6	62	From Area	UX; UY; UZ; RX; RY; RZ
Base	7	70	From Area	UX; UY; UZ; RX; RY; RZ
Base	8	532	From Area	UX; UY; UZ
Base	9	74	From Area	UX; UY; UZ; RX; RY; RZ
Base	10	76	From Area	UX; UY; UZ; RX; RY; RZ
Base	11	534	From Area	UX; UY; UZ
Base	12	80	From Area	UX; UY; UZ; RX; RY; RZ
Base	13	84	From Area	UX; UY; UZ; RX; RY; RZ
Base	14	540	From Area	UX; UY; UZ
Base	15	541	From Area	UX; UY; UZ
Base	16	542	From Area	UX; UY; UZ
Base	17	543	From Area	UX; UY; UZ
Base	18	102	From Area	UX; UY; UZ; RX; RY; RZ
Base	19	104	From Area	UX; UY; UZ; RX; RY; RZ
Base	20	544	From Area	UX; UY; UZ
Base	21	545	From Area	UX; UY; UZ
Base	22	547	From Area	UX; UY; UZ
Base	23	548	From Area	UX; UY; UZ
Base	24	112	From Area	UX; UY; UZ; RX; RY; RZ
Base	25	120	From Area	UX; UY; UZ; RX; RY; RZ
Base	26	549	From Area	UX; UY; UZ
Base	27	550	From Area	UX; UY; UZ
Base	28	551	From Area	UX; UY; UZ
Base	29	554	From Area	UX; UY; UZ
Base	30	154	From Area	UX; UY; UZ; RX; RY; RZ
Base	31	164	From Area	UX; UY; UZ; RX; RY; RZ
Base	32	560	From Area	UX; UY; UZ
Base	33	561	From Area	UX; UY; UZ
Base	34	564	From Area	UX; UY; UZ
Base	35	571	From Area	UX; UY; UZ
Base	36	192	From Area	UX; UY; UZ; RX; RY; RZ
Base	37	200	From Area	UX; UY; UZ; RX; RY; RZ
Base	38	601	From Area	UX; UY; UZ
Base	39	617	From Area	UX; UY; UZ
Base	40	626	From Area	UX; UY; UZ
Base	41	635	From Area	UX; UY; UZ
Base	42	230	From Area	UX; UY; UZ; RX; RY; RZ
Base	43	234	From Area	UX; UY; UZ; RX; RY; RZ
Base	44	643	From Area	UX; UY; UZ
Base	45	250	From Area	UX; UY; UZ; RX; RY; RZ
Base	46	252	From Area	UX; UY; UZ; RX; RY; RZ
Base	47	644	From Area	UX; UY; UZ
Base	48	256	From Area	UX; UY; UZ; RX; RY; RZ
Base	49	258	From Area	UX; UY; UZ; RX; RY; RZ
Base	50	260	From Area	UX; UY; UZ; RX; RY; RZ

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Base	51	264	From Area	UX; UY; UZ; RX; RY; RZ
Base	52	272	From Area	UX; UY; UZ; RX; RY; RZ
Base	53	280	From Area	UX; UY; UZ; RX; RY; RZ
Base	54	282	From Area	UX; UY; UZ; RX; RY; RZ
Base	55	294	From Area	UX; UY; UZ
Base	56	324	From Area	UX; UY; UZ
Base	58	392	From Area	UX; UY; UZ
Base	59	422	From Area	UX; UY; UZ
Base	60	439	From Area	
Base	61	462	From Area	
Base	62	438	From Area	
Base	63	461	From Area	
Base	64	472	From Area	
Base	65	470	From Area	
Base	66	502	From Area	
Base	67	500	From Area	
Base	69	530	From Area	
Base	71	546	From Area	
Base	80	594	From Area	
Base	81	591	From Area	
Base	82	615	From Area	
Base	83	614	From Area	
Base	84	624	From Area	
Base	85	623	From Area	
Base	86	633	From Area	
Base	87	632	From Area	
Base	88	642	From Area	
Base	89	641	From Area	
Base	91	650	From Area	
Base	92	660	From Area	
Base	93	659	From Area	
Base	109	646	From Area	UX; UY; UZ
Base	110	645	From Area	UX; UY; UZ
Base	112	647	From Area	UX; UY; UZ
Base	113	648	From Area	UX; UY; UZ

3.2 Frame Assignments**Table 3.2 - Frame Assignments - Summary**

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
head room	B14	67	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
head room	B19	90	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
head room	B27	101	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
head room	B32	108	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
head room	B59	110	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
head room	B67	92	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
head room	B72	91	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
head room	B80	81	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
head room	C16	142	Column	2.9	column 500 X 500	column 500 X 500		3
head room	C17	150	Column	2.9	column 500 X 500	column 500 X 500		3
head room	C22	190	Column	2.9	column 500 X 500	column 500 X 500		3
head room	C23	198	Column	2.9	column 500 X 500	column 500 X 500		3
head room	C32	270	Column	2.9	column 500 X 500	column 500 X 500		3
head room	C33	278	Column	2.9	column 500 X 500	column 500 X 500		3
head room	C38	318	Column	2.9	column 500 X 500	column 500 X 500		3
head room	C39	326	Column	2.9	column 500 X 500	column 500 X 500		3
terrace	B1	552	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B2	561	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B4	579	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B5	588	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B6	597	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B7	606	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B8	615	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	B9	624	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B10	633	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B11	642	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B12	651	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B13	660	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	B14	669	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B15	678	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B16	687	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B17	696	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B18	705	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	B19	714	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B20	723	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B21	732	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B22	741	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B23	750	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	B24	759	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B25	768	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B26	777	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B27	786	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B28	795	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	B29	804	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B30	813	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B31	822	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B32	831	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B33	840	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
terrace	B34	849	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B35	858	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B36	867	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B37	876	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B38	885	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	B39	894	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B40	903	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B41	912	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B42	921	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B44	939	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B45	948	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
terrace	B46	957	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B47	966	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B49	984	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B50	993	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B52	1011	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B53	1020	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B54	1029	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B55	1038	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B57	1056	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B58	1065	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B59	1074	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
terrace	B60	1083	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B61	1092	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B63	1110	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B64	1119	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
terrace	B65	1128	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B66	1137	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B67	1146	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
terrace	B68	1155	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B71	1182	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B72	1191	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
terrace	B73	1200	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B74	1209	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B75	1218	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
terrace	B76	1227	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B78	1245	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B79	1254	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B80	1263	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
terrace	B81	1272	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B82	1281	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B84	1299	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B85	1308	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B86	1317	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
terrace	B87	1326	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B89	1344	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B90	1353	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B92	1371	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B93	1380	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
terrace	B94	483	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
terrace	B95	491	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
terrace	B96	499	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
terrace	B97	507	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
terrace	B98	513	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	B99	514	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
terrace	C1	15	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C2	23	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C3	31	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C4	39	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C5	47	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C6	55	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C7	63	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C8	72	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C9	80	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C10	89	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C11	100	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C12	111	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C13	119	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C14	127	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C15	135	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C16	143	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C17	151	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C18	159	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C19	167	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C20	175	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C21	183	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C22	191	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C23	199	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C24	207	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C25	215	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C26	223	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C27	231	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C28	239	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C29	247	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C30	255	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C31	263	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C32	271	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C33	279	Column	3.25	column 500 X 500	column 500 X 500		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
terrace	C34	287	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C35	295	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C36	303	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C37	311	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C38	319	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C39	327	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C40	335	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C41	343	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C42	351	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C43	359	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C44	367	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C45	375	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C46	383	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C47	391	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C48	399	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C49	407	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C50	415	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C51	423	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C52	431	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C53	439	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C54	447	Column	3.25	column 500 X 500	column 500 X 500		3
terrace	C56	449	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
terrace	C57	457	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
terrace	C58	465	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
terrace	C59	473	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story5	B1	553	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B2	562	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B4	580	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B5	589	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B6	598	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B7	607	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B8	616	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story5	B9	625	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B10	634	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B11	643	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B12	652	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B13	661	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story5	B14	670	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B15	679	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B16	688	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B17	697	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B18	706	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story5	B19	715	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B20	724	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story5	B21	733	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B22	742	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B23	751	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story5	B24	760	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B25	769	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B26	778	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B27	787	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B28	796	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story5	B29	805	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B30	814	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B31	823	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B32	832	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B33	841	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story5	B34	850	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B35	859	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B36	868	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B37	877	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B38	886	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story5	B39	895	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B40	904	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B41	913	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B42	922	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B44	940	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B45	949	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story5	B46	958	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B47	967	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B49	985	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B50	994	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B52	1012	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B53	1021	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B54	1030	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B55	1039	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B57	1057	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B58	1066	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B59	1075	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story5	B60	1084	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B61	1093	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B63	1111	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B64	1120	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story5	B65	1129	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B66	1138	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B67	1147	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story5	B68	1156	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B71	1183	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story5	B72	1192	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story5	B73	1201	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B74	1210	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B75	1219	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story5	B76	1228	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B78	1246	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B79	1255	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B80	1264	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story5	B81	1273	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B82	1282	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B84	1300	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B85	1309	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B86	1318	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B87	1327	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B89	1345	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B90	1354	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B92	1372	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B93	1381	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story5	B94	484	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story5	B95	492	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story5	B96	500	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story5	B97	508	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story5	C1	16	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C2	24	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C3	32	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C4	40	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C5	48	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C6	56	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C7	64	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C8	73	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C9	82	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C10	93	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C11	102	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C12	112	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C13	120	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C14	128	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C15	136	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C16	144	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C17	152	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C18	160	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C19	168	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C20	176	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C21	184	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C22	192	Column	3.25	column 500 X 500	column 500 X 500		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story5	C23	200	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C24	208	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C25	216	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C26	224	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C27	232	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C28	240	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C29	248	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C30	256	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C31	264	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C32	272	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C33	280	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C34	288	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C35	296	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C36	304	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C37	312	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C38	320	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C39	328	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C40	336	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C41	344	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C42	352	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C43	360	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C44	368	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C45	376	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C46	384	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C47	392	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C48	400	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C49	408	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C50	416	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C51	424	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C52	432	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C53	440	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C54	448	Column	3.25	column 500 X 500	column 500 X 500		3
Story5	C56	451	Column	3.25	column 600 X 600	column 600 X 600		3
Story5	C57	459	Column	3.25	column 600 X 600	column 600 X 600		3
Story5	C58	467	Column	3.25	column 600 X 600	column 600 X 600		3
Story5	C59	475	Column	3.25	column 600 X 600	column 600 X 600		3
Story4	B1	554	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B2	563	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B4	581	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B5	590	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B6	599	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B7	608	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B8	617	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story4	B9	626	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story4	B10	635	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B11	644	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B12	653	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B13	662	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story4	B14	671	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B15	680	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B16	689	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B17	698	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B18	707	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story4	B19	716	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B20	725	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B21	734	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B22	743	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B23	752	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story4	B24	761	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B25	770	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B26	779	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B27	788	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B28	797	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story4	B29	806	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B30	815	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B31	824	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B32	833	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B33	842	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story4	B34	851	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B35	860	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B36	869	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B37	878	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B38	887	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story4	B39	896	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B40	905	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B41	914	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B42	923	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B44	941	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B45	950	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story4	B46	959	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B47	968	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B49	986	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B50	995	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B52	1013	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B53	1022	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B54	1031	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B55	1040	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B57	1058	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story4	B58	1067	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B59	1076	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story4	B60	1085	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B61	1094	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B63	1112	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B64	1121	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story4	B65	1130	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B66	1139	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B67	1148	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story4	B68	1157	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B71	1184	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B72	1193	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story4	B73	1202	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B74	1211	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B75	1220	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story4	B76	1229	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B78	1247	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B79	1256	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B80	1265	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story4	B81	1274	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B82	1283	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B84	1301	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B85	1310	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B86	1319	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B87	1328	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B89	1346	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B90	1355	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B92	1373	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B93	1382	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story4	B94	485	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story4	B95	493	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story4	B96	501	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story4	B97	509	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story4	C1	17	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C2	25	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C3	33	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C4	41	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C5	49	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C6	57	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C7	65	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C8	74	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C9	83	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C10	94	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C11	103	Column	3.25	column 500 X 500	column 500 X 500		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story4	C12	113	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C13	121	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C14	129	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C15	137	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C16	145	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C17	153	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C18	161	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C19	169	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C20	177	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C21	185	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C22	193	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C23	201	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C24	209	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C25	217	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C26	225	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C27	233	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C28	241	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C29	249	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C30	257	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C31	265	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C32	273	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C33	281	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C34	289	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C35	297	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C36	305	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C37	313	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C38	321	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C39	329	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C40	337	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C41	345	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C42	353	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C43	361	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C44	369	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C45	377	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C46	385	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C47	393	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C48	401	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C49	409	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C50	417	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C51	425	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C52	433	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C53	441	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C54	450	Column	3.25	column 500 X 500	column 500 X 500		3
Story4	C56	452	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story4	C57	460	Column	3.25	column 600 X 600	column 600 X 600		3
Story4	C58	468	Column	3.25	column 600 X 600	column 600 X 600		3
Story4	C59	476	Column	3.25	column 600 X 600	column 600 X 600		3
Story3	B1	555	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B2	564	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B4	582	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B5	591	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B6	600	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B7	609	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B8	618	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story3	B9	627	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B10	636	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B11	645	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B12	654	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B13	663	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story3	B14	672	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B15	681	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B16	690	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B17	699	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B18	708	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story3	B19	717	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B20	726	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B21	735	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B22	744	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B23	753	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story3	B24	762	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B25	771	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B26	780	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B27	789	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B28	798	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story3	B29	807	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B30	816	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B31	825	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B32	834	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B33	843	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story3	B34	852	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B35	861	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B36	870	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B37	879	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B38	888	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story3	B39	897	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B40	906	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B41	915	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B42	924	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story3	B44	942	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B45	951	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story3	B46	960	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B47	969	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B49	987	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B50	996	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B52	1014	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B53	1023	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B54	1032	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B55	1041	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B57	1059	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B58	1068	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B59	1077	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story3	B60	1086	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B61	1095	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B63	1113	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B64	1122	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story3	B65	1131	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B66	1140	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B67	1149	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story3	B68	1158	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B71	1185	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B72	1194	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story3	B73	1203	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B74	1212	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B75	1221	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story3	B76	1230	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B78	1248	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B79	1257	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B80	1266	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story3	B81	1275	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B82	1284	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B84	1302	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B85	1311	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B86	1320	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B87	1329	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B89	1347	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B90	1356	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B92	1374	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B93	1383	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story3	B94	486	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story3	B95	494	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story3	B96	502	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story3	B97	510	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story3	C1	18	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C2	26	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C3	34	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C4	42	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C5	50	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C6	58	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C7	66	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C8	75	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C9	84	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C10	95	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C11	104	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C12	114	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C13	122	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C14	130	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C15	138	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C16	146	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C17	154	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C18	162	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C19	170	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C20	178	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C21	186	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C22	194	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C23	202	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C24	210	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C25	218	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C26	226	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C27	234	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C28	242	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C29	250	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C30	258	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C31	266	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C32	274	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C33	282	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C34	290	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C35	298	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C36	306	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C37	314	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C38	322	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C39	330	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C40	338	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C41	346	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C42	354	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C43	362	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C44	370	Column	3.25	column 500 X 500	column 500 X 500		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story3	C45	378	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C46	386	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C47	394	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C48	402	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C49	410	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C50	418	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C51	426	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C52	434	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C53	442	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C54	456	Column	3.25	column 500 X 500	column 500 X 500		3
Story3	C56	453	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story3	C57	461	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story3	C58	469	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story3	C59	477	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story2	B1	556	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B2	565	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B4	583	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B5	592	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B6	601	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B7	610	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B8	619	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story2	B9	628	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B10	637	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B11	646	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B12	655	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B13	664	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story2	B14	673	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B15	682	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B16	691	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B17	700	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B18	709	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story2	B19	718	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B20	727	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B21	736	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B22	745	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B23	754	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story2	B24	763	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B25	772	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B26	781	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B27	790	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B28	799	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story2	B29	808	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B30	817	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B31	826	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	B32	835	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B33	844	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story2	B34	853	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B35	862	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B36	871	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B37	880	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B38	889	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story2	B39	898	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B40	907	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B41	916	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B42	925	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B44	943	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B45	952	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story2	B46	961	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B47	970	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B49	988	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B50	997	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B52	1015	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B53	1024	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B54	1033	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B55	1042	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B57	1060	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B58	1069	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B59	1078	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story2	B60	1087	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B61	1096	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B63	1114	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B64	1123	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story2	B65	1132	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B66	1141	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B67	1150	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story2	B68	1159	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B71	1186	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B72	1195	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story2	B73	1204	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B74	1213	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B75	1222	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story2	B76	1231	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B78	1249	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B79	1258	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B80	1267	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story2	B81	1276	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B82	1285	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B84	1303	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	B85	1312	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B86	1321	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B87	1330	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B89	1348	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B90	1357	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B92	1375	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B93	1384	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story2	B94	487	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story2	B95	495	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story2	B96	503	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story2	B97	511	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story2	C1	19	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C2	27	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C3	35	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C4	43	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C5	51	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C6	59	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C7	68	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C8	76	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C9	85	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C10	96	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C11	105	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C12	115	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C13	123	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C14	131	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C15	139	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C16	147	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C17	155	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C18	163	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C19	171	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C20	179	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C21	187	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C22	195	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C23	203	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C24	211	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C25	219	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C26	227	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C27	235	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C28	243	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C29	251	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C30	259	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C31	267	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C32	275	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C33	283	Column	3.25	column 500 X 500	column 500 X 500		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	C34	291	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C35	299	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C36	307	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C37	315	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C38	323	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C39	331	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C40	339	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C41	347	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C42	355	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C43	363	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C44	371	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C45	379	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C46	387	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C47	395	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C48	403	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C49	411	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C50	419	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C51	427	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C52	435	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C53	443	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C54	458	Column	3.25	column 500 X 500	column 500 X 500		3
Story2	C56	454	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story2	C57	462	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story2	C58	470	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story2	C59	478	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story1	B1	557	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B2	566	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B4	584	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B5	593	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B6	602	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B7	611	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B8	620	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story1	B9	629	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B10	638	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B11	647	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B12	656	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B13	665	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story1	B14	674	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B15	683	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B16	692	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B17	701	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B18	710	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story1	B19	719	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B20	728	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story1	B21	737	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B22	746	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B23	755	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story1	B24	764	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B25	773	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B26	782	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B27	791	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B28	800	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story1	B29	809	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B30	818	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B31	827	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B32	836	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B33	845	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story1	B34	854	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B35	863	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B36	872	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B37	881	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B38	890	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
Story1	B39	899	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B40	908	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B41	917	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B42	926	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B44	944	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B45	953	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
Story1	B46	962	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B47	971	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B49	989	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B50	998	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B52	1016	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B53	1025	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B54	1034	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B55	1043	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B57	1061	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B58	1070	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B59	1079	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story1	B60	1088	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B61	1097	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B63	1115	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B64	1124	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story1	B65	1133	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B66	1142	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B67	1151	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story1	B68	1160	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B71	1187	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story1	B72	1196	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story1	B73	1205	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B74	1214	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B75	1223	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story1	B76	1232	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B78	1250	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B79	1259	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B80	1268	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
Story1	B81	1277	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B82	1286	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B84	1304	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B85	1313	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B86	1322	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B87	1331	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B89	1349	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B90	1358	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B92	1376	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B93	1385	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
Story1	B94	488	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story1	B95	496	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story1	B96	504	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story1	B97	512	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
Story1	C1	20	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C2	28	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C3	36	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C4	44	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C5	52	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C6	60	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C7	69	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C8	77	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C9	86	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C10	97	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C11	106	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C12	116	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C13	124	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C14	132	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C15	140	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C16	148	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C17	156	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C18	164	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C19	172	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C20	180	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C21	188	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C22	196	Column	3.25	column 500 X 500	column 500 X 500		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story1	C23	204	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C24	212	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C25	220	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C26	228	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C27	236	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C28	244	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C29	252	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C30	260	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C31	268	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C32	276	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C33	284	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C34	292	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C35	300	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C36	308	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C37	316	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C38	324	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C39	332	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C40	340	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C41	348	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C42	356	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C43	364	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C44	372	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C45	380	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C46	388	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C47	396	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C48	404	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C49	412	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C50	420	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C51	428	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C52	436	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C53	444	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C54	464	Column	3.25	column 500 X 500	column 500 X 500		3
Story1	C56	455	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story1	C57	463	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story1	C58	471	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
Story1	C59	479	Column	3.25	coloumn 600 X 600	coloumn 600 X 600		3
ground	B1	550	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B2	559	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B4	577	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B5	586	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B6	595	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B7	604	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B8	613	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B9	622	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
ground	B10	631	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B11	640	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B12	649	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B13	658	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B14	667	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B15	676	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B16	685	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B17	694	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B18	703	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B19	712	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B20	721	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B21	730	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B22	739	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B23	748	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B24	757	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B25	766	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B26	775	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B27	784	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B28	793	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B29	802	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B30	811	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B31	820	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B32	829	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B33	838	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B34	847	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B35	856	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B36	865	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B37	874	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B38	883	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B39	892	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B40	901	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B41	910	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B42	919	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B44	937	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B45	946	Beam	5.5	beam 350 X 350	beam 350 X 350	0.5	
ground	B46	955	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B47	964	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B48	973	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B49	982	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B50	991	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B51	1000	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B52	1009	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B53	1018	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B54	1027	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
ground	B55	1036	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B56	1045	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B57	1054	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B58	1063	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B59	1072	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B60	1081	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B61	1090	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B63	1108	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B64	1117	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B65	1126	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B66	1135	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B67	1144	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B68	1153	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B71	1180	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B72	1189	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B73	1198	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B74	1207	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B75	1216	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B76	1225	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B78	1243	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B79	1252	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B80	1261	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B81	1270	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B82	1279	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B83	1288	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B84	1297	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B85	1306	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B86	1315	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B87	1324	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B88	1333	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B89	1342	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B90	1351	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B91	1360	Beam	3.3	beam 350 X 350	beam 350 X 350	0.5	
ground	B92	1369	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B93	1378	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B94	481	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
ground	B95	489	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
ground	B96	497	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
ground	B97	505	Beam	2.31	beam 350 X 350	beam 350 X 350	0.5	
ground	B3	1290	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B43	1291	Beam	4.75	beam 350 X 350	beam 350 X 350	0.5	
ground	B62	1292	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B69	1294	Beam	3.8	beam 350 X 350	beam 350 X 350	0.5	
ground	B70	1295	Beam	2.44	beam 350 X 350	beam 350 X 350	0.5	

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
ground	B77	1298	Beam	2.44	beam 350 X 350	beam 350 X 350	0.5	
ground	C1	466	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C2	472	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C3	474	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C4	480	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C5	482	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C6	490	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C7	498	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C8	506	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C9	515	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C10	516	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C11	517	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C12	518	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C13	519	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C14	520	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C15	521	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C16	522	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C17	523	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C18	524	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C19	525	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C20	526	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C21	527	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C22	528	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C23	529	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C24	530	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C25	531	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C26	532	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C27	533	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C28	534	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C29	535	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C30	536	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C31	537	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C32	538	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C33	539	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C34	540	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C35	541	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C36	542	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C37	543	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C38	544	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C39	545	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C40	546	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C41	547	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C42	548	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C43	549	Column	0.6	column 600 X 600	column 600 X 600		3

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
ground	C44	551	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C45	558	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C46	560	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C47	567	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C48	568	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C49	569	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C50	570	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C51	571	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C52	572	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C53	573	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C54	574	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C56	578	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C57	585	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C58	587	Column	0.6	column 600 X 600	column 600 X 600		3
ground	C59	594	Column	0.6	column 600 X 600	column 600 X 600		3

3.3 Shell Assignments

Table 3.3 - Area Assignments - Summary

Story	Label	UniqueName	Section Property	Property Type
head room	F27	9	Slab200	Slab
head room	F14	2	Slab200	Slab
head room	A1	12	None	Null
head room	A2	24	None	Null
head room	A3	25	None	Null
head room	A4	27	None	Null
head room	A57	651	None	Null
head room	A58	652	None	Null
head room	A59	653	None	Null
head room	A60	654	None	Null
terrace	F1	3	Slab200	Slab
terrace	F2	13	Slab200	Slab
terrace	F4	33	Slab200	Slab
terrace	F5	43	Slab200	Slab
terrace	F6	53	Slab200	Slab
terrace	F7	63	Slab200	Slab
terrace	F8	73	Slab200	Slab
terrace	F9	83	Slab200	Slab
terrace	F10	93	Slab200	Slab
terrace	F13	123	Slab200	Slab
terrace	F16	153	Slab200	Slab
terrace	F17	163	Slab200	Slab
terrace	F18	173	Slab200	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
terrace	F19	183	Slab200	Slab
terrace	F20	193	Slab200	Slab
terrace	F21	203	Slab200	Slab
terrace	F22	213	Slab200	Slab
terrace	F23	223	Slab200	Slab
terrace	F24	233	Slab200	Slab
terrace	F25	243	Slab200	Slab
terrace	F28	273	Slab200	Slab
terrace	F31	303	Slab200	Slab
terrace	F32	313	Slab200	Slab
terrace	F33	323	Slab200	Slab
terrace	F34	333	Slab200	Slab
terrace	F35	343	Slab200	Slab
terrace	F36	353	Slab200	Slab
terrace	F37	363	Slab200	Slab
terrace	F39	383	Slab200	Slab
terrace	F40	393	Slab200	Slab
terrace	F3	19	landing slab 250	Slab
terrace	F42	28	landing slab 250	Slab
terrace	F47	374	Slab200	Slab
terrace	F48	390	Slab200	Slab
terrace	F50	405	Slab200	Slab
terrace	F53	404	Slab200	Slab
terrace	W4	80	landing slab 250	Slab
terrace	W7	103	landing slab 250	Slab
terrace	W12	130	landing slab 250	Slab
terrace	W13	138	landing slab 250	Slab
terrace	W17	239	Wall1	Wall
terrace	W18	255	Wall1	Wall
terrace	W19	182	Wall1	Wall
terrace	W20	263	Wall1	Wall
terrace	W21	210	Wall1	Wall
terrace	W23	293	Wall1	Wall
terrace	W24	302	Wall1	Wall
terrace	W25	330	Wall1	Wall
terrace	W27	359	Wall1	Wall
terrace	W28	284	Wall1	Wall
terrace	A5	40	None	Null
terrace	A6	42	None	Null
terrace	A7	49	None	Null
terrace	A8	50	None	Null
terrace	A9	52	None	Null
terrace	A10	59	None	Null
terrace	A11	60	None	Null
terrace	A12	62	None	Null

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
terrace	A13	69	None	Null
terrace	A14	70	None	Null
terrace	A15	79	None	Null
terrace	A16	99	None	Null
terrace	A18	108	None	Null
terrace	A19	109	None	Null
terrace	A20	110	None	Null
terrace	A21	112	None	Null
terrace	A22	113	None	Null
terrace	A23	114	None	Null
terrace	A24	115	None	Null
terrace	A25	116	None	Null
terrace	A26	117	None	Null
terrace	A27	118	None	Null
terrace	A28	119	None	Null
terrace	A29	120	None	Null
terrace	A30	129	None	Null
terrace	A31	135	None	Null
terrace	A32	137	None	Null
terrace	A33	144	None	Null
terrace	A34	145	None	Null
terrace	A35	146	None	Null
terrace	A36	147	None	Null
terrace	A37	148	None	Null
terrace	A39	150	None	Null
terrace	A40	152	None	Null
terrace	A41	159	None	Null
terrace	A42	160	None	Null
terrace	A43	162	None	Null
terrace	A44	169	None	Null
terrace	A45	170	None	Null
terrace	A46	172	None	Null
Story5	F1	4	Slab200	Slab
Story5	F2	14	Slab200	Slab
Story5	F4	34	Slab200	Slab
Story5	F5	44	Slab200	Slab
Story5	F6	54	Slab200	Slab
Story5	F7	64	Slab200	Slab
Story5	F8	74	Slab200	Slab
Story5	F9	84	Slab200	Slab
Story5	F10	94	Slab200	Slab
Story5	F13	124	Slab200	Slab
Story5	F16	154	Slab200	Slab
Story5	F17	164	Slab200	Slab
Story5	F18	174	Slab200	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story5	F19	184	Slab200	Slab
Story5	F20	194	Slab200	Slab
Story5	F21	204	Slab200	Slab
Story5	F22	214	Slab200	Slab
Story5	F23	224	Slab200	Slab
Story5	F24	234	Slab200	Slab
Story5	F25	244	Slab200	Slab
Story5	F28	274	Slab200	Slab
Story5	F31	304	Slab200	Slab
Story5	F32	314	Slab200	Slab
Story5	F33	324	Slab200	Slab
Story5	F34	334	Slab200	Slab
Story5	F35	344	Slab200	Slab
Story5	F36	354	Slab200	Slab
Story5	F37	364	Slab200	Slab
Story5	F39	384	Slab200	Slab
Story5	F40	394	Slab200	Slab
Story5	F3	20	landing slab 250	Slab
Story5	F42	29	landing slab 250	Slab
Story5	F47	375	Slab200	Slab
Story5	F48	392	Slab200	Slab
Story5	W4	82	landing slab 250	Slab
Story5	W7	104	landing slab 250	Slab
Story5	W12	131	landing slab 250	Slab
Story5	W13	139	landing slab 250	Slab
Story5	W17	240	Wall1	Wall
Story5	W18	256	Wall1	Wall
Story5	W19	189	Wall1	Wall
Story5	W20	264	Wall1	Wall
Story5	W21	212	Wall1	Wall
Story5	W23	294	Wall1	Wall
Story5	W24	309	Wall1	Wall
Story5	W25	332	Wall1	Wall
Story5	W27	360	Wall1	Wall
Story5	W28	285	Wall1	Wall
Story5	A5	180	None	Null
Story5	A6	209	None	Null
Story5	A7	232	None	Null
Story5	A8	254	None	Null
Story5	A9	262	None	Null
Story5	A10	269	None	Null
Story5	A11	270	None	Null
Story5	A12	272	None	Null
Story5	A13	279	None	Null
Story5	A14	280	None	Null

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story5	A15	283	None	Null
Story5	A16	292	None	Null
Story5	A18	373	None	Null
Story5	A19	389	None	Null
Story5	A20	408	None	Null
Story5	A21	409	None	Null
Story5	A22	410	None	Null
Story5	A23	411	None	Null
Story5	A24	412	None	Null
Story5	A25	413	None	Null
Story5	A26	414	None	Null
Story5	A27	415	None	Null
Story5	A28	416	None	Null
Story5	A29	417	None	Null
Story5	A30	418	None	Null
Story5	A31	419	None	Null
Story5	A32	420	None	Null
Story5	A33	421	None	Null
Story5	A34	422	None	Null
Story5	A35	423	None	Null
Story5	A36	424	None	Null
Story5	A37	425	None	Null
Story5	A39	429	None	Null
Story5	A40	430	None	Null
Story5	A41	431	None	Null
Story5	A42	432	None	Null
Story5	A43	433	None	Null
Story5	A44	434	None	Null
Story5	A45	435	None	Null
Story5	A46	436	None	Null
Story5	A48	329	None	Null
Story5	A51	427	None	Null
Story4	F1	5	Slab200	Slab
Story4	F2	15	Slab200	Slab
Story4	F4	35	Slab200	Slab
Story4	F5	45	Slab200	Slab
Story4	F6	55	Slab200	Slab
Story4	F7	65	Slab200	Slab
Story4	F8	75	Slab200	Slab
Story4	F9	85	Slab200	Slab
Story4	F10	95	Slab200	Slab
Story4	F13	125	Slab200	Slab
Story4	F16	155	Slab200	Slab
Story4	F17	165	Slab200	Slab
Story4	F18	175	Slab200	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story4	F19	185	Slab200	Slab
Story4	F20	195	Slab200	Slab
Story4	F21	205	Slab200	Slab
Story4	F22	215	Slab200	Slab
Story4	F23	225	Slab200	Slab
Story4	F24	235	Slab200	Slab
Story4	F25	245	Slab200	Slab
Story4	F28	275	Slab200	Slab
Story4	F31	305	Slab200	Slab
Story4	F32	315	Slab200	Slab
Story4	F33	325	Slab200	Slab
Story4	F34	335	Slab200	Slab
Story4	F35	345	Slab200	Slab
Story4	F36	355	Slab200	Slab
Story4	F37	365	Slab200	Slab
Story4	F39	385	Slab200	Slab
Story4	F40	395	Slab200	Slab
Story4	F3	21	landing slab 250	Slab
Story4	F42	30	landing slab 250	Slab
Story4	F47	376	Slab200	Slab
Story4	F48	399	Slab200	Slab
Story4	W4	89	landing slab 250	Slab
Story4	W7	105	landing slab 250	Slab
Story4	W12	132	landing slab 250	Slab
Story4	W13	140	landing slab 250	Slab
Story4	W17	242	Wall1	Wall
Story4	W18	257	Wall1	Wall
Story4	W19	190	Wall1	Wall
Story4	W20	265	Wall1	Wall
Story4	W21	219	Wall1	Wall
Story4	W23	295	Wall1	Wall
Story4	W24	310	Wall1	Wall
Story4	W25	339	Wall1	Wall
Story4	W27	362	Wall1	Wall
Story4	W28	286	Wall1	Wall
Story4	A5	437	None	Null
Story4	A6	438	None	Null
Story4	A7	439	None	Null
Story4	A8	440	None	Null
Story4	A9	441	None	Null
Story4	A10	442	None	Null
Story4	A11	443	None	Null
Story4	A12	444	None	Null
Story4	A13	445	None	Null
Story4	A14	446	None	Null

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story4	A15	447	None	Null
Story4	A16	448	None	Null
Story4	A18	452	None	Null
Story4	A19	453	None	Null
Story4	A20	454	None	Null
Story4	A21	455	None	Null
Story4	A22	456	None	Null
Story4	A23	457	None	Null
Story4	A24	458	None	Null
Story4	A25	459	None	Null
Story4	A26	460	None	Null
Story4	A27	461	None	Null
Story4	A28	462	None	Null
Story4	A29	463	None	Null
Story4	A30	464	None	Null
Story4	A31	465	None	Null
Story4	A32	466	None	Null
Story4	A33	467	None	Null
Story4	A34	468	None	Null
Story4	A35	469	None	Null
Story4	A36	470	None	Null
Story4	A37	471	None	Null
Story4	A39	475	None	Null
Story4	A40	476	None	Null
Story4	A41	477	None	Null
Story4	A42	478	None	Null
Story4	A43	479	None	Null
Story4	A44	480	None	Null
Story4	A45	481	None	Null
Story4	A46	482	None	Null
Story4	A48	450	None	Null
Story4	A51	473	None	Null
Story3	F1	6	Slab200	Slab
Story3	F2	16	Slab200	Slab
Story3	F4	36	Slab200	Slab
Story3	F5	46	Slab200	Slab
Story3	F6	56	Slab200	Slab
Story3	F7	66	Slab200	Slab
Story3	F8	76	Slab200	Slab
Story3	F9	86	Slab200	Slab
Story3	F10	96	Slab200	Slab
Story3	F13	126	Slab200	Slab
Story3	F16	156	Slab200	Slab
Story3	F17	166	Slab200	Slab
Story3	F18	176	Slab200	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story3	F19	186	Slab200	Slab
Story3	F20	196	Slab200	Slab
Story3	F21	206	Slab200	Slab
Story3	F22	216	Slab200	Slab
Story3	F23	226	Slab200	Slab
Story3	F24	236	Slab200	Slab
Story3	F25	246	Slab200	Slab
Story3	F28	276	Slab200	Slab
Story3	F31	306	Slab200	Slab
Story3	F32	316	Slab200	Slab
Story3	F33	326	Slab200	Slab
Story3	F34	336	Slab200	Slab
Story3	F35	346	Slab200	Slab
Story3	F36	356	Slab200	Slab
Story3	F37	366	Slab200	Slab
Story3	F39	386	Slab200	Slab
Story3	F40	396	Slab200	Slab
Story3	F3	22	landing slab 250	Slab
Story3	F42	32	landing slab 250	Slab
Story3	F47	377	Slab200	Slab
Story3	F48	400	Slab200	Slab
Story3	W4	90	landing slab 250	Slab
Story3	W7	106	landing slab 250	Slab
Story3	W12	133	landing slab 250	Slab
Story3	W13	142	landing slab 250	Slab
Story3	W17	249	Wall1	Wall
Story3	W18	258	Wall1	Wall
Story3	W19	192	Wall1	Wall
Story3	W20	266	Wall1	Wall
Story3	W21	220	Wall1	Wall
Story3	W23	296	Wall1	Wall
Story3	W24	312	Wall1	Wall
Story3	W25	340	Wall1	Wall
Story3	W27	369	Wall1	Wall
Story3	W28	287	Wall1	Wall
Story3	A5	483	None	Null
Story3	A6	484	None	Null
Story3	A7	485	None	Null
Story3	A8	486	None	Null
Story3	A9	487	None	Null
Story3	A10	488	None	Null
Story3	A11	489	None	Null
Story3	A12	490	None	Null
Story3	A13	491	None	Null
Story3	A14	492	None	Null

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story3	A15	493	None	Null
Story3	A16	494	None	Null
Story3	A18	498	None	Null
Story3	A19	499	None	Null
Story3	A20	500	None	Null
Story3	A21	501	None	Null
Story3	A22	502	None	Null
Story3	A23	503	None	Null
Story3	A24	504	None	Null
Story3	A25	505	None	Null
Story3	A26	506	None	Null
Story3	A27	507	None	Null
Story3	A28	508	None	Null
Story3	A29	509	None	Null
Story3	A30	510	None	Null
Story3	A31	511	None	Null
Story3	A32	512	None	Null
Story3	A33	513	None	Null
Story3	A34	514	None	Null
Story3	A35	515	None	Null
Story3	A36	516	None	Null
Story3	A37	517	None	Null
Story3	A39	521	None	Null
Story3	A40	522	None	Null
Story3	A41	523	None	Null
Story3	A42	524	None	Null
Story3	A43	525	None	Null
Story3	A44	526	None	Null
Story3	A45	527	None	Null
Story3	A46	528	None	Null
Story3	A48	496	None	Null
Story3	A51	519	None	Null
Story2	F1	7	Slab200	Slab
Story2	F2	17	Slab200	Slab
Story2	F4	37	Slab200	Slab
Story2	F5	47	Slab200	Slab
Story2	F6	57	Slab200	Slab
Story2	F7	67	Slab200	Slab
Story2	F8	77	Slab200	Slab
Story2	F9	87	Slab200	Slab
Story2	F10	97	Slab200	Slab
Story2	F13	127	Slab200	Slab
Story2	F16	157	Slab200	Slab
Story2	F17	167	Slab200	Slab
Story2	F18	177	Slab200	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story2	F19	187	Slab200	Slab
Story2	F20	197	Slab200	Slab
Story2	F21	207	Slab200	Slab
Story2	F22	217	Slab200	Slab
Story2	F23	227	Slab200	Slab
Story2	F24	237	Slab200	Slab
Story2	F25	247	Slab200	Slab
Story2	F28	277	Slab200	Slab
Story2	F31	307	Slab200	Slab
Story2	F32	317	Slab200	Slab
Story2	F33	327	Slab200	Slab
Story2	F34	337	Slab200	Slab
Story2	F35	347	Slab200	Slab
Story2	F36	357	Slab200	Slab
Story2	F37	367	Slab200	Slab
Story2	F39	387	Slab200	Slab
Story2	F40	397	Slab200	Slab
Story2	F3	23	landing slab 250	Slab
Story2	F42	39	landing slab 250	Slab
Story2	F47	378	Slab200	Slab
Story2	F48	401	Slab200	Slab
Story2	W4	92	landing slab 250	Slab
Story2	W7	107	landing slab 250	Slab
Story2	W12	134	landing slab 250	Slab
Story2	W13	143	landing slab 250	Slab
Story2	W17	250	Wall1	Wall
Story2	W18	259	Wall1	Wall
Story2	W19	199	Wall1	Wall
Story2	W20	267	Wall1	Wall
Story2	W21	222	Wall1	Wall
Story2	W23	297	Wall1	Wall
Story2	W24	319	Wall1	Wall
Story2	W25	342	Wall1	Wall
Story2	W27	370	Wall1	Wall
Story2	W28	288	Wall1	Wall
Story2	A5	529	None	Null
Story2	A6	530	None	Null
Story2	A7	531	None	Null
Story2	A8	532	None	Null
Story2	A9	533	None	Null
Story2	A10	534	None	Null
Story2	A11	535	None	Null
Story2	A12	536	None	Null
Story2	A13	537	None	Null
Story2	A14	538	None	Null

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story2	A15	539	None	Null
Story2	A16	540	None	Null
Story2	A18	544	None	Null
Story2	A19	545	None	Null
Story2	A20	546	None	Null
Story2	A21	547	None	Null
Story2	A22	548	None	Null
Story2	A23	549	None	Null
Story2	A24	550	None	Null
Story2	A25	551	None	Null
Story2	A26	552	None	Null
Story2	A27	553	None	Null
Story2	A28	554	None	Null
Story2	A29	555	None	Null
Story2	A30	556	None	Null
Story2	A31	557	None	Null
Story2	A32	558	None	Null
Story2	A33	559	None	Null
Story2	A34	560	None	Null
Story2	A35	561	None	Null
Story2	A36	562	None	Null
Story2	A37	563	None	Null
Story2	A39	567	None	Null
Story2	A40	568	None	Null
Story2	A41	569	None	Null
Story2	A42	570	None	Null
Story2	A43	571	None	Null
Story2	A44	572	None	Null
Story2	A45	573	None	Null
Story2	A46	574	None	Null
Story2	A48	542	None	Null
Story2	A51	565	None	Null
Story1	F1	8	Slab200	Slab
Story1	F2	18	Slab200	Slab
Story1	F4	38	Slab200	Slab
Story1	F5	48	Slab200	Slab
Story1	F6	58	Slab200	Slab
Story1	F7	68	Slab200	Slab
Story1	F8	78	Slab200	Slab
Story1	F9	88	Slab200	Slab
Story1	F10	98	Slab200	Slab
Story1	F13	128	Slab200	Slab
Story1	F16	158	Slab200	Slab
Story1	F17	168	Slab200	Slab
Story1	F18	178	Slab200	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story1	F19	188	Slab200	Slab
Story1	F20	198	Slab200	Slab
Story1	F21	208	Slab200	Slab
Story1	F22	218	Slab200	Slab
Story1	F23	228	Slab200	Slab
Story1	F24	238	Slab200	Slab
Story1	F25	248	Slab200	Slab
Story1	F28	278	Slab200	Slab
Story1	F31	308	Slab200	Slab
Story1	F32	318	Slab200	Slab
Story1	F33	328	Slab200	Slab
Story1	F34	338	Slab200	Slab
Story1	F35	348	Slab200	Slab
Story1	F36	358	Slab200	Slab
Story1	F37	368	Slab200	Slab
Story1	F39	388	Slab200	Slab
Story1	F40	398	Slab200	Slab
Story1	F3	10	landing slab 250	Slab
Story1	F42	26	landing slab 250	Slab
Story1	F47	379	Slab200	Slab
Story1	F48	402	Slab200	Slab
Story1	W4	72	landing slab 250	Slab
Story1	W7	100	landing slab 250	Slab
Story1	W12	122	landing slab 250	Slab
Story1	W13	136	landing slab 250	Slab
Story1	W17	252	Wall1	Wall
Story1	W18	260	Wall1	Wall
Story1	W19	200	Wall1	Wall
Story1	W20	268	Wall1	Wall
Story1	W21	229	Wall1	Wall
Story1	W23	298	Wall1	Wall
Story1	W24	320	Wall1	Wall
Story1	W25	349	Wall1	Wall
Story1	W27	371	Wall1	Wall
Story1	W28	289	Wall1	Wall
Story1	A5	575	None	Null
Story1	A6	576	None	Null
Story1	A7	577	None	Null
Story1	A8	578	None	Null
Story1	A9	579	None	Null
Story1	A10	580	None	Null
Story1	A11	581	None	Null
Story1	A12	582	None	Null
Story1	A13	583	None	Null
Story1	A14	584	None	Null

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story1	A15	585	None	Null
Story1	A16	586	None	Null
Story1	A18	590	None	Null
Story1	A19	591	None	Null
Story1	A20	592	None	Null
Story1	A21	593	None	Null
Story1	A22	594	None	Null
Story1	A23	595	None	Null
Story1	A24	596	None	Null
Story1	A25	597	None	Null
Story1	A26	598	None	Null
Story1	A27	599	None	Null
Story1	A28	600	None	Null
Story1	A29	601	None	Null
Story1	A30	602	None	Null
Story1	A31	603	None	Null
Story1	A32	604	None	Null
Story1	A33	605	None	Null
Story1	A34	606	None	Null
Story1	A35	607	None	Null
Story1	A36	608	None	Null
Story1	A37	609	None	Null
Story1	A39	613	None	Null
Story1	A40	614	None	Null
Story1	A41	615	None	Null
Story1	A42	616	None	Null
Story1	A43	617	None	Null
Story1	A44	618	None	Null
Story1	A45	619	None	Null
Story1	A46	620	None	Null
Story1	A48	588	None	Null
Story1	A51	611	None	Null
ground	F1	1	Slab200	Slab
ground	F2	11	Slab200	Slab
ground	F4	31	Slab200	Slab
ground	F5	41	Slab200	Slab
ground	F6	51	Slab200	Slab
ground	F7	61	Slab200	Slab
ground	F8	71	Slab200	Slab
ground	F9	81	Slab200	Slab
ground	F10	91	Slab200	Slab
ground	F11	101	Slab200	Slab
ground	F12	111	Slab200	Slab
ground	F13	121	Slab200	Slab
ground	F15	141	Slab200	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
ground	F16	151	Slab200	Slab
ground	F17	161	Slab200	Slab
ground	F18	171	Slab200	Slab
ground	F19	181	Slab200	Slab
ground	F20	191	Slab200	Slab
ground	F21	201	Slab200	Slab
ground	F22	211	Slab200	Slab
ground	F23	221	Slab200	Slab
ground	F24	231	Slab200	Slab
ground	F25	241	Slab200	Slab
ground	F26	251	Slab200	Slab
ground	F27	202	Slab200	Slab
ground	F28	271	Slab200	Slab
ground	F29	281	Slab200	Slab
ground	F30	291	Slab200	Slab
ground	F31	301	Slab200	Slab
ground	F32	311	Slab200	Slab
ground	F33	321	Slab200	Slab
ground	F34	331	Slab200	Slab
ground	F35	341	Slab200	Slab
ground	F36	351	Slab200	Slab
ground	F37	361	Slab200	Slab
ground	F39	381	Slab200	Slab
ground	F40	391	Slab200	Slab
ground	F14	179	Slab200	Slab
ground	F38	102	Slab200	Slab
ground	F41	149	Slab200	Slab
ground	W18	230	Wall1	Wall
ground	W19	282	Wall1	Wall
ground	W20	253	Wall1	Wall
ground	W21	290	Wall1	Wall
ground	W25	352	Wall1	Wall
ground	W27	350	Wall1	Wall
ground	W1	261	Wall1	Wall
ground	W2	299	Wall1	Wall
ground	W3	300	Wall1	Wall
ground	W5	322	Wall1	Wall
ground	A6	632	None	Null
ground	A7	633	None	Null
ground	A13	635	None	Null
ground	A14	636	None	Null
ground	A15	637	None	Null
ground	A16	638	None	Null
ground	A18	640	None	Null
ground	A19	641	None	Null

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
ground	A20	642	None	Null
ground	A21	643	None	Null
ground	A27	645	None	Null
ground	A28	646	None	Null
ground	A34	622	None	Null
ground	A35	623	None	Null
ground	A36	624	None	Null
ground	A37	625	None	Null
ground	A39	627	None	Null
ground	A40	628	None	Null
ground	A41	629	None	Null
ground	A42	630	None	Null
ground	A53	621	None	Null
ground	A54	631	None	Null
ground	A55	634	None	Null
ground	A56	644	None	Null
Base	F47	380	Slab200	Slab
Base	F48	403	Slab200	Slab

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
~LLRF	Yes	Other	0	
Dead	No	Dead	1	
Live	No	Live	0	
seismic x	No	Seismic	0	IS 1893:2016
seismic y	No	Seismic	0	IS 1893:2016
windx	No	Wind	0	Indian IS875:1987
windy	No	Wind	0	Indian IS875:1987

4.2 Auto Wind Loading

Indian IS875:1987 Auto Wind Load Calculation

This calculation presents the automatically generated lateral wind loads for load pattern windx according to Indian IS875:1987, as calculated by ETABS.

Exposure Parameters

Exposure From = Shell Objects

Structure Class = Class A

Terrain Category = Category 2

Top Story = head room

Bottom Story = ground

Include Parapet = No

Factors and Coefficients

Risk Coefficient, k_1 [IS 5.3.1]

$$k_1 = 1$$

Topography Factor, k_3 [IS 5.3.3]

$$k_3 = 1$$

Lateral Loading

Design Wind Speed, V_z [IS 5.3]

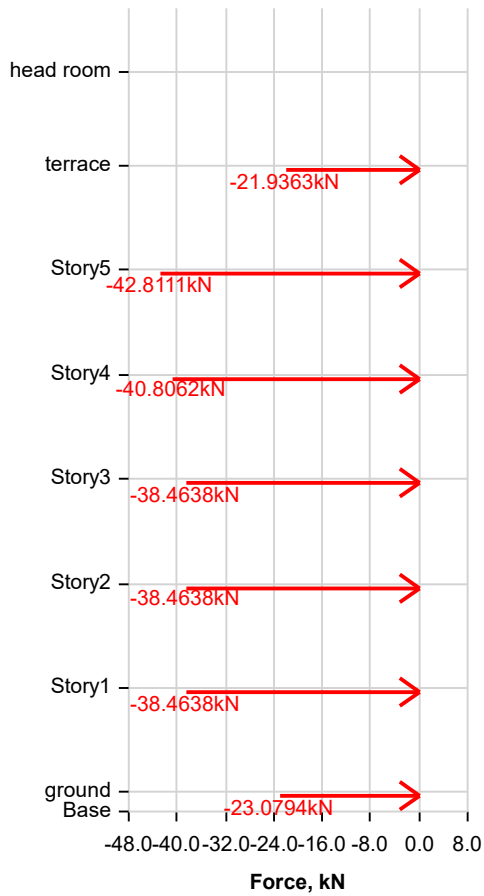
$$V_z = V_b k_1 k_2 k_3$$

$$V_z = 54.1$$

Design Wind Pressure, p_z [IS 5.4]

$$p_z = 0.6 V_z^2$$

Applied Story Forces

Lateral Load to Stories - 0°

Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
head room	23	0	0
terrace	20.1	0	-21.9363
Story5	16.85	0	-42.8111
Story4	13.6	0	-40.8062
Story3	10.35	0	-38.4638
Story2	7.1	0	-38.4638
Story1	3.85	0	-38.4638
ground	0.6	0	-23.0794
Base	0	0	0

Indian IS875:1987 Auto Wind Load Calculation

This calculation presents the automatically generated lateral wind loads for load pattern windy according to Indian IS875:1987, as calculated by ETABS.

Exposure Parameters

Exposure From = Shell Objects

Structure Class = Class A

Terrain Category = Category 2

Top Story = head room

Bottom Story = ground

Include Parapet = No

Factors and Coefficients

Risk Coefficient, k_1 [IS 5.3.1]

$$k_1 = 1$$

Topography Factor, k_3 [IS 5.3.3]

$$k_3 = 1$$

Lateral Loading

Design Wind Speed, V_z [IS 5.3]

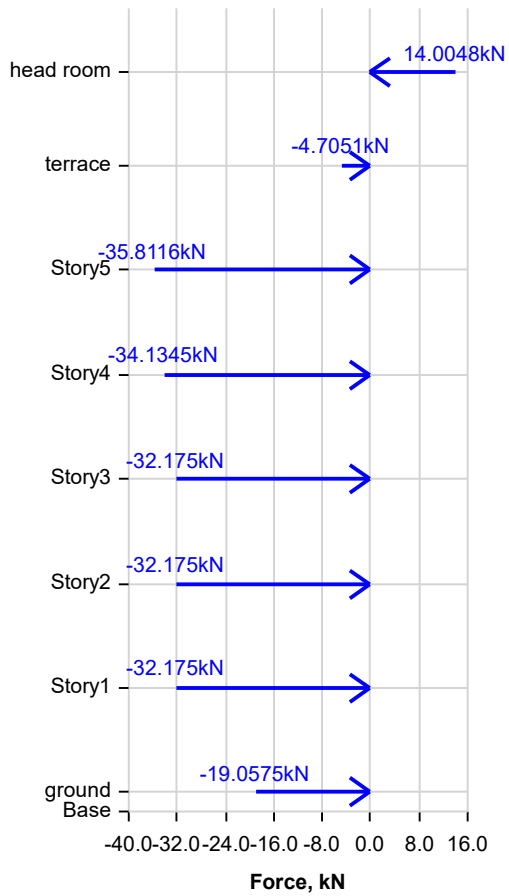
$$V_z = V_b k_1 k_2 k_3$$

$$V_z = 54.1$$

Design Wind Pressure, p_z [IS 5.4]

$$p_z = 0.6 V_z^2$$

Applied Story Forces

Lateral Load to Stories - 0°

Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
head room	23	14.0048	0
terrace	20.1	-4.7051	0
Story5	16.85	-35.8116	0
Story4	13.6	-34.1345	0
Story3	10.35	-32.175	0
Story2	7.1	-32.175	0
Story1	3.85	-32.175	0
ground	0.6	-19.0575	0
Base	0	0	0

4.3 Auto Seismic Loading

IS 1893:2016 Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern seismic x according to IS 1893:2016, as calculated by ETABS.

Direction and Eccentricity

Direction = X

Structural Period

Period Calculation Method = Program Calculated

Factors and Coefficients

Seismic Zone Factor, Z [IS Table 3]

$$Z = 0.1$$

Response Reduction Factor, R [IS Table 9]

$$R = 5$$

Importance Factor, I [IS Table 8]

$$I = 1$$

Site Type [IS Table 1] = II

Seismic Response

Spectral Acceleration Coefficient, S_a/g [IS 6.4.2]

$$\frac{S_a}{g} = 2.5$$

$$\frac{S_a}{g} = 2.5$$

Equivalent Lateral Forces

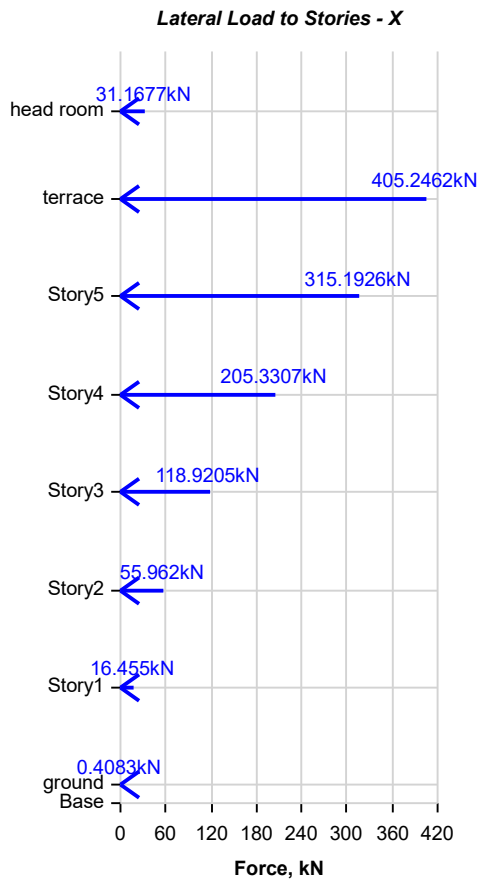
Seismic Coefficient, A_h [IS 6.4.2]

$$A_h = \frac{Z I \frac{S_a}{g}}{2 R}$$

Calculated Base Shear

Direction	Period Used (sec)	W (kN)	V _b (kN)
X	0.507	45947.3209	1148.683

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
head room	23	31.1677	0
terrace	20.1	405.2462	0
Story5	16.85	315.1926	0
Story4	13.6	205.3307	0
Story3	10.35	118.9205	0
Story2	7.1	55.962	0
Story1	3.85	16.455	0
ground	0.6	0.4083	0
Base	0	0	0

IS 1893:2016 Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern seismic y according to IS 1893:2016, as calculated by ETABS.

Direction and Eccentricity

Direction = Y

Structural Period

Period Calculation Method = Program Calculated

Factors and Coefficients

Seismic Zone Factor, Z [IS Table 3]

$$Z = 0.1$$

Response Reduction Factor, R [IS Table 9]

$$R = 5$$

Importance Factor, I [IS Table 8]

$$I = 1$$

Site Type [IS Table 1] = II

Seismic Response

Spectral Acceleration Coefficient, S_a/g [IS 6.4.2]

$$\frac{S_a}{g} = 2.5$$

$$\frac{S_a}{g} = 2.5$$

Equivalent Lateral Forces

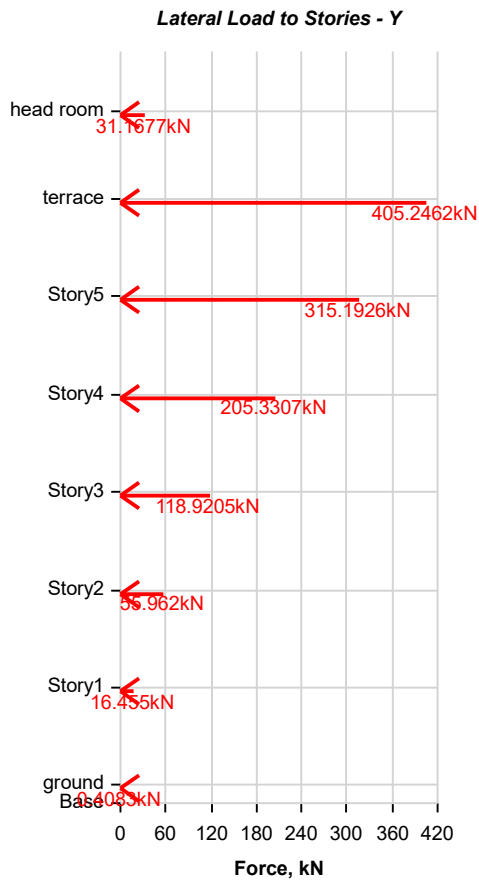
Seismic Coefficient, A_h [IS 6.4.2]

$$A_h = \frac{Z I \frac{S_a}{g}}{2 R}$$

Calculated Base Shear

Direction	Period Used (sec)	W (kN)	V_b (kN)
Y	0.479	45947.3209	1148.683

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
head room	23	0	31.1677
terrace	20.1	0	405.2462
Story5	16.85	0	315.1926
Story4	13.6	0	205.3307
Story3	10.35	0	118.9205
Story2	7.1	0	55.962
Story1	3.85	0	16.455
ground	0.6	0	0.4083
Base	0	0	0

4.4 Applied Loads

4.4.1 Point Loads

Table 4.6 - Joint Loads Assignments - Force

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
head room	16	24	Dead	1	1	1	1	1	1	0	0
head room	17	4	Dead	1	1	1	1	1	1	0	0
head room	22	20	Dead	1	1	1	1	1	1	0	0
head room	23	10	Dead	1	1	1	1	1	1	0	0
head room	32	30	Dead	1	1	1	1	1	1	0	0
head room	33	50	Dead	1	1	1	1	1	1	0	0
head room	38	40	Dead	1	1	1	1	1	1	0	0
head room	39	44	Dead	1	1	1	1	1	1	0	0
terrace	1	3	Dead	1	1	1	1	1	1	0	0
terrace	2	13	Dead	1	1	1	1	1	1	0	0
terrace	3	23	Dead	1	1	1	1	1	1	0	0
terrace	4	33	Dead	1	1	1	1	1	1	0	0
terrace	5	43	Dead	1	1	1	1	1	1	0	0
terrace	6	53	Dead	1	1	1	1	1	1	0	0
terrace	7	63	Dead	1	1	1	1	1	1	0	0
terrace	8	583	Dead	1	1	1	1	1	1	0	0
terrace	9	83	Dead	1	1	1	1	1	1	0	0
terrace	10	93	Dead	1	1	1	1	1	1	0	0
terrace	11	553	Dead	1	1	1	1	1	1	0	0
terrace	12	113	Dead	1	1	1	1	1	1	0	0
terrace	13	123	Dead	1	1	1	1	1	1	0	0
terrace	14	133	Dead	1	1	1	1	1	1	0	0
terrace	15	143	Dead	1	1	1	1	1	1	0	0
terrace	16	153	Dead	1	1	1	1	1	1	0	0
terrace	17	163	Dead	1	1	1	1	1	1	0	0
terrace	18	173	Dead	1	1	1	1	1	1	0	0
terrace	19	183	Dead	1	1	1	1	1	1	0	0
terrace	20	193	Dead	1	1	1	1	1	1	0	0
terrace	21	203	Dead	1	1	1	1	1	1	0	0
terrace	22	213	Dead	1	1	1	1	1	1	0	0
terrace	23	223	Dead	1	1	1	1	1	1	0	0
terrace	24	233	Dead	1	1	1	1	1	1	0	0
terrace	25	243	Dead	1	1	1	1	1	1	0	0
terrace	26	593	Dead	1	1	1	1	1	1	0	0
terrace	27	263	Dead	1	1	1	1	1	1	0	0
terrace	28	273	Dead	1	1	1	1	1	1	0	0
terrace	29	563	Dead	1	1	1	1	1	1	0	0
terrace	30	293	Dead	1	1	1	1	1	1	0	0
terrace	31	303	Dead	1	1	1	1	1	1	0	0
terrace	32	313	Dead	1	1	1	1	1	1	0	0
terrace	33	323	Dead	1	1	1	1	1	1	0	0
terrace	34	333	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
terrace	35	343	Dead	1	1	1	1	1	1	0	0
terrace	36	353	Dead	1	1	1	1	1	1	0	0
terrace	37	363	Dead	1	1	1	1	1	1	0	0
terrace	38	373	Dead	1	1	1	1	1	1	0	0
terrace	39	383	Dead	1	1	1	1	1	1	0	0
terrace	40	393	Dead	1	1	1	1	1	1	0	0
terrace	41	403	Dead	1	1	1	1	1	1	0	0
terrace	42	413	Dead	1	1	1	1	1	1	0	0
terrace	43	423	Dead	1	1	1	1	1	1	0	0
terrace	44	603	Dead	1	1	1	1	1	1	0	0
terrace	45	443	Dead	1	1	1	1	1	1	0	0
terrace	46	453	Dead	1	1	1	1	1	1	0	0
terrace	47	573	Dead	1	1	1	1	1	1	0	0
terrace	48	473	Dead	1	1	1	1	1	1	0	0
terrace	49	483	Dead	1	1	1	1	1	1	0	0
terrace	50	493	Dead	1	1	1	1	1	1	0	0
terrace	51	503	Dead	1	1	1	1	1	1	0	0
terrace	52	513	Dead	1	1	1	1	1	1	0	0
terrace	53	523	Dead	1	1	1	1	1	1	0	0
terrace	54	533	Dead	1	1	1	1	1	1	0	0
terrace	55	284	Dead	1	1	1	1	1	1	0	0
terrace	56	300	Dead	1	1	1	1	1	1	0	0
terrace	58	364	Dead	1	1	1	1	1	1	0	0
terrace	59	394	Dead	1	1	1	1	1	1	0	0
terrace	105	682	Dead	1	1	1	1	1	1	0	0
terrace	108	697	Dead	1	1	1	1	1	1	0	0
terrace	109	727	Dead	1	1	1	1	1	1	0	0
terrace	110	737	Dead	1	1	1	1	1	1	0	0
terrace	112	761	Dead	1	1	1	1	1	1	0	0
terrace	113	753	Dead	1	1	1	1	1	1	0	0
Story5	1	5	Dead	1	1	1	1	1	1	0	0
Story5	2	15	Dead	1	1	1	1	1	1	0	0
Story5	3	25	Dead	1	1	1	1	1	1	0	0
Story5	4	35	Dead	1	1	1	1	1	1	0	0
Story5	5	45	Dead	1	1	1	1	1	1	0	0
Story5	6	55	Dead	1	1	1	1	1	1	0	0
Story5	7	65	Dead	1	1	1	1	1	1	0	0
Story5	8	585	Dead	1	1	1	1	1	1	0	0
Story5	9	85	Dead	1	1	1	1	1	1	0	0
Story5	10	95	Dead	1	1	1	1	1	1	0	0
Story5	11	555	Dead	1	1	1	1	1	1	0	0
Story5	12	115	Dead	1	1	1	1	1	1	0	0
Story5	13	125	Dead	1	1	1	1	1	1	0	0
Story5	14	135	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Story5	15	145	Dead	1	1	1	1	1	1	0	0
Story5	16	155	Dead	1	1	1	1	1	1	0	0
Story5	17	165	Dead	1	1	1	1	1	1	0	0
Story5	18	175	Dead	1	1	1	1	1	1	0	0
Story5	19	185	Dead	1	1	1	1	1	1	0	0
Story5	20	195	Dead	1	1	1	1	1	1	0	0
Story5	21	205	Dead	1	1	1	1	1	1	0	0
Story5	22	215	Dead	1	1	1	1	1	1	0	0
Story5	23	225	Dead	1	1	1	1	1	1	0	0
Story5	24	235	Dead	1	1	1	1	1	1	0	0
Story5	25	245	Dead	1	1	1	1	1	1	0	0
Story5	26	595	Dead	1	1	1	1	1	1	0	0
Story5	27	265	Dead	1	1	1	1	1	1	0	0
Story5	28	275	Dead	1	1	1	1	1	1	0	0
Story5	29	565	Dead	1	1	1	1	1	1	0	0
Story5	30	295	Dead	1	1	1	1	1	1	0	0
Story5	31	305	Dead	1	1	1	1	1	1	0	0
Story5	32	315	Dead	1	1	1	1	1	1	0	0
Story5	33	325	Dead	1	1	1	1	1	1	0	0
Story5	34	335	Dead	1	1	1	1	1	1	0	0
Story5	35	345	Dead	1	1	1	1	1	1	0	0
Story5	36	355	Dead	1	1	1	1	1	1	0	0
Story5	37	365	Dead	1	1	1	1	1	1	0	0
Story5	38	375	Dead	1	1	1	1	1	1	0	0
Story5	39	385	Dead	1	1	1	1	1	1	0	0
Story5	40	395	Dead	1	1	1	1	1	1	0	0
Story5	41	405	Dead	1	1	1	1	1	1	0	0
Story5	42	415	Dead	1	1	1	1	1	1	0	0
Story5	43	425	Dead	1	1	1	1	1	1	0	0
Story5	44	605	Dead	1	1	1	1	1	1	0	0
Story5	45	445	Dead	1	1	1	1	1	1	0	0
Story5	46	455	Dead	1	1	1	1	1	1	0	0
Story5	47	575	Dead	1	1	1	1	1	1	0	0
Story5	48	475	Dead	1	1	1	1	1	1	0	0
Story5	49	485	Dead	1	1	1	1	1	1	0	0
Story5	50	495	Dead	1	1	1	1	1	1	0	0
Story5	51	505	Dead	1	1	1	1	1	1	0	0
Story5	52	515	Dead	1	1	1	1	1	1	0	0
Story5	53	525	Dead	1	1	1	1	1	1	0	0
Story5	54	535	Dead	1	1	1	1	1	1	0	0
Story5	55	286	Dead	1	1	1	1	1	1	0	0
Story5	56	304	Dead	1	1	1	1	1	1	0	0
Story5	58	372	Dead	1	1	1	1	1	1	0	0
Story5	59	402	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Story5	105	683	Dead	1	1	1	1	1	1	0	0
Story5	108	698	Dead	1	1	1	1	1	1	0	0
Story5	109	729	Dead	1	1	1	1	1	1	0	0
Story5	110	739	Dead	1	1	1	1	1	1	0	0
Story5	112	763	Dead	1	1	1	1	1	1	0	0
Story5	113	755	Dead	1	1	1	1	1	1	0	0
Story4	1	6	Dead	1	1	1	1	1	1	0	0
Story4	2	16	Dead	1	1	1	1	1	1	0	0
Story4	3	26	Dead	1	1	1	1	1	1	0	0
Story4	4	36	Dead	1	1	1	1	1	1	0	0
Story4	5	46	Dead	1	1	1	1	1	1	0	0
Story4	6	56	Dead	1	1	1	1	1	1	0	0
Story4	7	66	Dead	1	1	1	1	1	1	0	0
Story4	8	586	Dead	1	1	1	1	1	1	0	0
Story4	9	86	Dead	1	1	1	1	1	1	0	0
Story4	10	96	Dead	1	1	1	1	1	1	0	0
Story4	11	556	Dead	1	1	1	1	1	1	0	0
Story4	12	116	Dead	1	1	1	1	1	1	0	0
Story4	13	126	Dead	1	1	1	1	1	1	0	0
Story4	14	136	Dead	1	1	1	1	1	1	0	0
Story4	15	146	Dead	1	1	1	1	1	1	0	0
Story4	16	156	Dead	1	1	1	1	1	1	0	0
Story4	17	166	Dead	1	1	1	1	1	1	0	0
Story4	18	176	Dead	1	1	1	1	1	1	0	0
Story4	19	186	Dead	1	1	1	1	1	1	0	0
Story4	20	196	Dead	1	1	1	1	1	1	0	0
Story4	21	206	Dead	1	1	1	1	1	1	0	0
Story4	22	216	Dead	1	1	1	1	1	1	0	0
Story4	23	226	Dead	1	1	1	1	1	1	0	0
Story4	24	236	Dead	1	1	1	1	1	1	0	0
Story4	25	246	Dead	1	1	1	1	1	1	0	0
Story4	26	596	Dead	1	1	1	1	1	1	0	0
Story4	27	266	Dead	1	1	1	1	1	1	0	0
Story4	28	276	Dead	1	1	1	1	1	1	0	0
Story4	29	566	Dead	1	1	1	1	1	1	0	0
Story4	30	296	Dead	1	1	1	1	1	1	0	0
Story4	31	306	Dead	1	1	1	1	1	1	0	0
Story4	32	316	Dead	1	1	1	1	1	1	0	0
Story4	33	326	Dead	1	1	1	1	1	1	0	0
Story4	34	336	Dead	1	1	1	1	1	1	0	0
Story4	35	346	Dead	1	1	1	1	1	1	0	0
Story4	36	356	Dead	1	1	1	1	1	1	0	0
Story4	37	366	Dead	1	1	1	1	1	1	0	0
Story4	38	376	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Story4	39	386	Dead	1	1	1	1	1	1	0	0
Story4	40	396	Dead	1	1	1	1	1	1	0	0
Story4	41	406	Dead	1	1	1	1	1	1	0	0
Story4	42	416	Dead	1	1	1	1	1	1	0	0
Story4	43	426	Dead	1	1	1	1	1	1	0	0
Story4	44	606	Dead	1	1	1	1	1	1	0	0
Story4	45	446	Dead	1	1	1	1	1	1	0	0
Story4	46	456	Dead	1	1	1	1	1	1	0	0
Story4	47	576	Dead	1	1	1	1	1	1	0	0
Story4	48	476	Dead	1	1	1	1	1	1	0	0
Story4	49	486	Dead	1	1	1	1	1	1	0	0
Story4	50	496	Dead	1	1	1	1	1	1	0	0
Story4	51	506	Dead	1	1	1	1	1	1	0	0
Story4	52	516	Dead	1	1	1	1	1	1	0	0
Story4	53	526	Dead	1	1	1	1	1	1	0	0
Story4	54	536	Dead	1	1	1	1	1	1	0	0
Story4	55	287	Dead	1	1	1	1	1	1	0	0
Story4	56	310	Dead	1	1	1	1	1	1	0	0
Story4	58	374	Dead	1	1	1	1	1	1	0	0
Story4	59	404	Dead	1	1	1	1	1	1	0	0
Story4	105	684	Dead	1	1	1	1	1	1	0	0
Story4	108	699	Dead	1	1	1	1	1	1	0	0
Story4	109	730	Dead	1	1	1	1	1	1	0	0
Story4	110	740	Dead	1	1	1	1	1	1	0	0
Story4	112	764	Dead	1	1	1	1	1	1	0	0
Story4	113	756	Dead	1	1	1	1	1	1	0	0
Story3	1	7	Dead	1	1	1	1	1	1	0	0
Story3	2	17	Dead	1	1	1	1	1	1	0	0
Story3	3	27	Dead	1	1	1	1	1	1	0	0
Story3	4	37	Dead	1	1	1	1	1	1	0	0
Story3	5	47	Dead	1	1	1	1	1	1	0	0
Story3	6	57	Dead	1	1	1	1	1	1	0	0
Story3	7	67	Dead	1	1	1	1	1	1	0	0
Story3	8	587	Dead	1	1	1	1	1	1	0	0
Story3	9	87	Dead	1	1	1	1	1	1	0	0
Story3	10	97	Dead	1	1	1	1	1	1	0	0
Story3	11	557	Dead	1	1	1	1	1	1	0	0
Story3	12	117	Dead	1	1	1	1	1	1	0	0
Story3	13	127	Dead	1	1	1	1	1	1	0	0
Story3	14	137	Dead	1	1	1	1	1	1	0	0
Story3	15	147	Dead	1	1	1	1	1	1	0	0
Story3	16	157	Dead	1	1	1	1	1	1	0	0
Story3	17	167	Dead	1	1	1	1	1	1	0	0
Story3	18	177	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Story3	19	187	Dead	1	1	1	1	1	1	0	0
Story3	20	197	Dead	1	1	1	1	1	1	0	0
Story3	21	207	Dead	1	1	1	1	1	1	0	0
Story3	22	217	Dead	1	1	1	1	1	1	0	0
Story3	23	227	Dead	1	1	1	1	1	1	0	0
Story3	24	237	Dead	1	1	1	1	1	1	0	0
Story3	25	247	Dead	1	1	1	1	1	1	0	0
Story3	26	597	Dead	1	1	1	1	1	1	0	0
Story3	27	267	Dead	1	1	1	1	1	1	0	0
Story3	28	277	Dead	1	1	1	1	1	1	0	0
Story3	29	567	Dead	1	1	1	1	1	1	0	0
Story3	30	297	Dead	1	1	1	1	1	1	0	0
Story3	31	307	Dead	1	1	1	1	1	1	0	0
Story3	32	317	Dead	1	1	1	1	1	1	0	0
Story3	33	327	Dead	1	1	1	1	1	1	0	0
Story3	34	337	Dead	1	1	1	1	1	1	0	0
Story3	35	347	Dead	1	1	1	1	1	1	0	0
Story3	36	357	Dead	1	1	1	1	1	1	0	0
Story3	37	367	Dead	1	1	1	1	1	1	0	0
Story3	38	377	Dead	1	1	1	1	1	1	0	0
Story3	39	387	Dead	1	1	1	1	1	1	0	0
Story3	40	397	Dead	1	1	1	1	1	1	0	0
Story3	41	407	Dead	1	1	1	1	1	1	0	0
Story3	42	417	Dead	1	1	1	1	1	1	0	0
Story3	43	427	Dead	1	1	1	1	1	1	0	0
Story3	44	607	Dead	1	1	1	1	1	1	0	0
Story3	45	447	Dead	1	1	1	1	1	1	0	0
Story3	46	457	Dead	1	1	1	1	1	1	0	0
Story3	47	577	Dead	1	1	1	1	1	1	0	0
Story3	48	477	Dead	1	1	1	1	1	1	0	0
Story3	49	487	Dead	1	1	1	1	1	1	0	0
Story3	50	497	Dead	1	1	1	1	1	1	0	0
Story3	51	507	Dead	1	1	1	1	1	1	0	0
Story3	52	517	Dead	1	1	1	1	1	1	0	0
Story3	53	527	Dead	1	1	1	1	1	1	0	0
Story3	54	537	Dead	1	1	1	1	1	1	0	0
Story3	55	288	Dead	1	1	1	1	1	1	0	0
Story3	56	312	Dead	1	1	1	1	1	1	0	0
Story3	58	380	Dead	1	1	1	1	1	1	0	0
Story3	59	410	Dead	1	1	1	1	1	1	0	0
Story3	105	685	Dead	1	1	1	1	1	1	0	0
Story3	108	700	Dead	1	1	1	1	1	1	0	0
Story3	109	731	Dead	1	1	1	1	1	1	0	0
Story3	110	741	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Story3	112	765	Dead	1	1	1	1	1	1	0	0
Story3	113	757	Dead	1	1	1	1	1	1	0	0
Story2	1	8	Dead	1	1	1	1	1	1	0	0
Story2	2	18	Dead	1	1	1	1	1	1	0	0
Story2	3	28	Dead	1	1	1	1	1	1	0	0
Story2	4	38	Dead	1	1	1	1	1	1	0	0
Story2	5	48	Dead	1	1	1	1	1	1	0	0
Story2	6	58	Dead	1	1	1	1	1	1	0	0
Story2	7	68	Dead	1	1	1	1	1	1	0	0
Story2	8	588	Dead	1	1	1	1	1	1	0	0
Story2	9	88	Dead	1	1	1	1	1	1	0	0
Story2	10	98	Dead	1	1	1	1	1	1	0	0
Story2	11	558	Dead	1	1	1	1	1	1	0	0
Story2	12	118	Dead	1	1	1	1	1	1	0	0
Story2	13	128	Dead	1	1	1	1	1	1	0	0
Story2	14	138	Dead	1	1	1	1	1	1	0	0
Story2	15	148	Dead	1	1	1	1	1	1	0	0
Story2	16	158	Dead	1	1	1	1	1	1	0	0
Story2	17	168	Dead	1	1	1	1	1	1	0	0
Story2	18	178	Dead	1	1	1	1	1	1	0	0
Story2	19	188	Dead	1	1	1	1	1	1	0	0
Story2	20	198	Dead	1	1	1	1	1	1	0	0
Story2	21	208	Dead	1	1	1	1	1	1	0	0
Story2	22	218	Dead	1	1	1	1	1	1	0	0
Story2	23	228	Dead	1	1	1	1	1	1	0	0
Story2	24	238	Dead	1	1	1	1	1	1	0	0
Story2	25	248	Dead	1	1	1	1	1	1	0	0
Story2	26	598	Dead	1	1	1	1	1	1	0	0
Story2	27	268	Dead	1	1	1	1	1	1	0	0
Story2	28	278	Dead	1	1	1	1	1	1	0	0
Story2	29	568	Dead	1	1	1	1	1	1	0	0
Story2	30	298	Dead	1	1	1	1	1	1	0	0
Story2	31	308	Dead	1	1	1	1	1	1	0	0
Story2	32	318	Dead	1	1	1	1	1	1	0	0
Story2	33	328	Dead	1	1	1	1	1	1	0	0
Story2	34	338	Dead	1	1	1	1	1	1	0	0
Story2	35	348	Dead	1	1	1	1	1	1	0	0
Story2	36	358	Dead	1	1	1	1	1	1	0	0
Story2	37	368	Dead	1	1	1	1	1	1	0	0
Story2	38	378	Dead	1	1	1	1	1	1	0	0
Story2	39	388	Dead	1	1	1	1	1	1	0	0
Story2	40	398	Dead	1	1	1	1	1	1	0	0
Story2	41	408	Dead	1	1	1	1	1	1	0	0
Story2	42	418	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Story2	43	428	Dead	1	1	1	1	1	1	0	0
Story2	44	608	Dead	1	1	1	1	1	1	0	0
Story2	45	448	Dead	1	1	1	1	1	1	0	0
Story2	46	458	Dead	1	1	1	1	1	1	0	0
Story2	47	578	Dead	1	1	1	1	1	1	0	0
Story2	48	478	Dead	1	1	1	1	1	1	0	0
Story2	49	488	Dead	1	1	1	1	1	1	0	0
Story2	50	498	Dead	1	1	1	1	1	1	0	0
Story2	51	508	Dead	1	1	1	1	1	1	0	0
Story2	52	518	Dead	1	1	1	1	1	1	0	0
Story2	53	528	Dead	1	1	1	1	1	1	0	0
Story2	54	538	Dead	1	1	1	1	1	1	0	0
Story2	55	289	Dead	1	1	1	1	1	1	0	0
Story2	56	314	Dead	1	1	1	1	1	1	0	0
Story2	58	382	Dead	1	1	1	1	1	1	0	0
Story2	59	412	Dead	1	1	1	1	1	1	0	0
Story2	105	686	Dead	1	1	1	1	1	1	0	0
Story2	108	701	Dead	1	1	1	1	1	1	0	0
Story2	109	732	Dead	1	1	1	1	1	1	0	0
Story2	110	742	Dead	1	1	1	1	1	1	0	0
Story2	112	766	Dead	1	1	1	1	1	1	0	0
Story2	113	758	Dead	1	1	1	1	1	1	0	0
Story1	1	9	Dead	1	1	1	1	1	1	0	0
Story1	2	19	Dead	1	1	1	1	1	1	0	0
Story1	3	29	Dead	1	1	1	1	1	1	0	0
Story1	4	39	Dead	1	1	1	1	1	1	0	0
Story1	5	49	Dead	1	1	1	1	1	1	0	0
Story1	6	59	Dead	1	1	1	1	1	1	0	0
Story1	7	69	Dead	1	1	1	1	1	1	0	0
Story1	8	589	Dead	1	1	1	1	1	1	0	0
Story1	9	89	Dead	1	1	1	1	1	1	0	0
Story1	10	99	Dead	1	1	1	1	1	1	0	0
Story1	11	559	Dead	1	1	1	1	1	1	0	0
Story1	12	119	Dead	1	1	1	1	1	1	0	0
Story1	13	129	Dead	1	1	1	1	1	1	0	0
Story1	14	139	Dead	1	1	1	1	1	1	0	0
Story1	15	149	Dead	1	1	1	1	1	1	0	0
Story1	16	159	Dead	1	1	1	1	1	1	0	0
Story1	17	169	Dead	1	1	1	1	1	1	0	0
Story1	18	179	Dead	1	1	1	1	1	1	0	0
Story1	19	189	Dead	1	1	1	1	1	1	0	0
Story1	20	199	Dead	1	1	1	1	1	1	0	0
Story1	21	209	Dead	1	1	1	1	1	1	0	0
Story1	22	219	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Story1	23	229	Dead	1	1	1	1	1	1	0	0
Story1	24	239	Dead	1	1	1	1	1	1	0	0
Story1	25	249	Dead	1	1	1	1	1	1	0	0
Story1	26	599	Dead	1	1	1	1	1	1	0	0
Story1	27	269	Dead	1	1	1	1	1	1	0	0
Story1	28	279	Dead	1	1	1	1	1	1	0	0
Story1	29	569	Dead	1	1	1	1	1	1	0	0
Story1	30	299	Dead	1	1	1	1	1	1	0	0
Story1	31	309	Dead	1	1	1	1	1	1	0	0
Story1	32	319	Dead	1	1	1	1	1	1	0	0
Story1	33	329	Dead	1	1	1	1	1	1	0	0
Story1	34	339	Dead	1	1	1	1	1	1	0	0
Story1	35	349	Dead	1	1	1	1	1	1	0	0
Story1	36	359	Dead	1	1	1	1	1	1	0	0
Story1	37	369	Dead	1	1	1	1	1	1	0	0
Story1	38	379	Dead	1	1	1	1	1	1	0	0
Story1	39	389	Dead	1	1	1	1	1	1	0	0
Story1	40	399	Dead	1	1	1	1	1	1	0	0
Story1	41	409	Dead	1	1	1	1	1	1	0	0
Story1	42	419	Dead	1	1	1	1	1	1	0	0
Story1	43	429	Dead	1	1	1	1	1	1	0	0
Story1	44	609	Dead	1	1	1	1	1	1	0	0
Story1	45	449	Dead	1	1	1	1	1	1	0	0
Story1	46	459	Dead	1	1	1	1	1	1	0	0
Story1	47	579	Dead	1	1	1	1	1	1	0	0
Story1	48	479	Dead	1	1	1	1	1	1	0	0
Story1	49	489	Dead	1	1	1	1	1	1	0	0
Story1	50	499	Dead	1	1	1	1	1	1	0	0
Story1	51	509	Dead	1	1	1	1	1	1	0	0
Story1	52	519	Dead	1	1	1	1	1	1	0	0
Story1	53	529	Dead	1	1	1	1	1	1	0	0
Story1	54	539	Dead	1	1	1	1	1	1	0	0
Story1	55	290	Dead	1	1	1	1	1	1	0	0
Story1	56	320	Dead	1	1	1	1	1	1	0	0
Story1	58	384	Dead	1	1	1	1	1	1	0	0
Story1	59	414	Dead	1	1	1	1	1	1	0	0
Story1	105	687	Dead	1	1	1	1	1	1	0	0
Story1	108	702	Dead	1	1	1	1	1	1	0	0
Story1	109	733	Dead	1	1	1	1	1	1	0	0
Story1	110	743	Dead	1	1	1	1	1	1	0	0
Story1	112	767	Dead	1	1	1	1	1	1	0	0
Story1	113	759	Dead	1	1	1	1	1	1	0	0
ground	1	1	Dead	1	1	1	1	1	1	0	0
ground	2	11	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
ground	3	21	Dead	1	1	1	1	1	1	0	0
ground	4	31	Dead	1	1	1	1	1	1	0	0
ground	5	41	Dead	1	1	1	1	1	1	0	0
ground	6	51	Dead	1	1	1	1	1	1	0	0
ground	7	61	Dead	1	1	1	1	1	1	0	0
ground	8	582	Dead	1	1	1	1	1	1	0	0
ground	9	81	Dead	1	1	1	1	1	1	0	0
ground	10	91	Dead	1	1	1	1	1	1	0	0
ground	11	552	Dead	1	1	1	1	1	1	0	0
ground	12	111	Dead	1	1	1	1	1	1	0	0
ground	13	121	Dead	1	1	1	1	1	1	0	0
ground	14	131	Dead	1	1	1	1	1	1	0	0
ground	15	141	Dead	1	1	1	1	1	1	0	0
ground	16	151	Dead	1	1	1	1	1	1	0	0
ground	17	161	Dead	1	1	1	1	1	1	0	0
ground	18	171	Dead	1	1	1	1	1	1	0	0
ground	19	181	Dead	1	1	1	1	1	1	0	0
ground	20	191	Dead	1	1	1	1	1	1	0	0
ground	21	201	Dead	1	1	1	1	1	1	0	0
ground	22	211	Dead	1	1	1	1	1	1	0	0
ground	23	221	Dead	1	1	1	1	1	1	0	0
ground	24	231	Dead	1	1	1	1	1	1	0	0
ground	25	241	Dead	1	1	1	1	1	1	0	0
ground	26	592	Dead	1	1	1	1	1	1	0	0
ground	27	261	Dead	1	1	1	1	1	1	0	0
ground	28	271	Dead	1	1	1	1	1	1	0	0
ground	29	562	Dead	1	1	1	1	1	1	0	0
ground	30	291	Dead	1	1	1	1	1	1	0	0
ground	31	301	Dead	1	1	1	1	1	1	0	0
ground	32	311	Dead	1	1	1	1	1	1	0	0
ground	33	321	Dead	1	1	1	1	1	1	0	0
ground	34	331	Dead	1	1	1	1	1	1	0	0
ground	35	341	Dead	1	1	1	1	1	1	0	0
ground	36	351	Dead	1	1	1	1	1	1	0	0
ground	37	361	Dead	1	1	1	1	1	1	0	0
ground	38	371	Dead	1	1	1	1	1	1	0	0
ground	39	381	Dead	1	1	1	1	1	1	0	0
ground	40	391	Dead	1	1	1	1	1	1	0	0
ground	41	401	Dead	1	1	1	1	1	1	0	0
ground	42	411	Dead	1	1	1	1	1	1	0	0
ground	43	421	Dead	1	1	1	1	1	1	0	0
ground	44	602	Dead	1	1	1	1	1	1	0	0
ground	45	441	Dead	1	1	1	1	1	1	0	0
ground	46	451	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
ground	47	572	Dead	1	1	1	1	1	1	0	0
ground	48	471	Dead	1	1	1	1	1	1	0	0
ground	49	481	Dead	1	1	1	1	1	1	0	0
ground	50	491	Dead	1	1	1	1	1	1	0	0
ground	51	501	Dead	1	1	1	1	1	1	0	0
ground	52	511	Dead	1	1	1	1	1	1	0	0
ground	53	521	Dead	1	1	1	1	1	1	0	0
ground	54	531	Dead	1	1	1	1	1	1	0	0
ground	55	292	Dead	1	1	1	1	1	1	0	0
ground	56	322	Dead	1	1	1	1	1	1	0	0
ground	58	390	Dead	1	1	1	1	1	1	0	0
ground	59	420	Dead	1	1	1	1	1	1	0	0
ground	105	680	Dead	1	1	1	1	1	1	0	0
ground	108	695	Dead	1	1	1	1	1	1	0	0
ground	109	710	Dead	1	1	1	1	1	1	0	0
ground	110	711	Dead	1	1	1	1	1	1	0	0
ground	112	744	Dead	1	1	1	1	1	1	0	0
ground	113	745	Dead	1	1	1	1	1	1	0	0
Base	1	2	Dead	1	1	1	1	1	1	0	0
Base	2	14	Dead	1	1	1	1	1	1	0	0
Base	3	32	Dead	1	1	1	1	1	1	0	0
Base	4	42	Dead	1	1	1	1	1	1	0	0
Base	5	54	Dead	1	1	1	1	1	1	0	0
Base	6	62	Dead	1	1	1	1	1	1	0	0
Base	7	70	Dead	1	1	1	1	1	1	0	0
Base	9	74	Dead	1	1	1	1	1	1	0	0
Base	10	76	Dead	1	1	1	1	1	1	0	0
Base	12	80	Dead	1	1	1	1	1	1	0	0
Base	13	84	Dead	1	1	1	1	1	1	0	0
Base	18	102	Dead	1	1	1	1	1	1	0	0
Base	19	104	Dead	1	1	1	1	1	1	0	0
Base	24	112	Dead	1	1	1	1	1	1	0	0
Base	25	120	Dead	1	1	1	1	1	1	0	0
Base	30	154	Dead	1	1	1	1	1	1	0	0
Base	31	164	Dead	1	1	1	1	1	1	0	0
Base	36	192	Dead	1	1	1	1	1	1	0	0
Base	37	200	Dead	1	1	1	1	1	1	0	0
Base	42	230	Dead	1	1	1	1	1	1	0	0
Base	43	234	Dead	1	1	1	1	1	1	0	0
Base	45	250	Dead	1	1	1	1	1	1	0	0
Base	46	252	Dead	1	1	1	1	1	1	0	0
Base	48	256	Dead	1	1	1	1	1	1	0	0
Base	49	258	Dead	1	1	1	1	1	1	0	0
Base	50	260	Dead	1	1	1	1	1	1	0	0

Table 4.6 - Joint Loads Assignments - Force (continued)

Story	Label	UniqueName	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X Dimension mm	Y Dimension mm
Base	51	264	Dead	1	1	1	1	1	1	0	0
Base	52	272	Dead	1	1	1	1	1	1	0	0
Base	53	280	Dead	1	1	1	1	1	1	0	0
Base	54	282	Dead	1	1	1	1	1	1	0	0
Base	55	294	Dead	1	1	1	1	1	1	0	0
Base	56	324	Dead	1	1	1	1	1	1	0	0
Base	58	392	Dead	1	1	1	1	1	1	0	0
Base	59	422	Dead	1	1	1	1	1	1	0	0

4.4.2 Line Loads

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
head room	B14	67	Dead	Force	Gravity	Relative	0	1	0	5.5
head room	B19	90	Dead	Force	Gravity	Relative	0	1	0	5.5
head room	B27	101	Dead	Force	Gravity	Relative	0	1	0	5.5
head room	B32	108	Dead	Force	Gravity	Relative	0	1	0	5.5
head room	B59	110	Dead	Force	Gravity	Relative	0	1	0	3.3
head room	B67	92	Dead	Force	Gravity	Relative	0	1	0	3.3
head room	B72	91	Dead	Force	Gravity	Relative	0	1	0	3.3
head room	B80	81	Dead	Force	Gravity	Relative	0	1	0	3.3
terrace	B1	552	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B2	561	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B4	579	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B5	588	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B6	597	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B7	606	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B8	615	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B9	624	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B10	633	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B11	642	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B12	651	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B13	660	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B14	669	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B15	678	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B16	687	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B17	696	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B18	705	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B19	714	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B20	723	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B21	732	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B22	741	Dead	Force	Gravity	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
terrace	B23	750	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B24	759	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B25	768	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B26	777	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B27	786	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B28	795	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B29	804	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B30	813	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B31	822	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B32	831	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B33	840	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B34	849	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B35	858	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B36	867	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B37	876	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B38	885	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B39	894	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B40	903	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B41	912	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B42	921	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B44	939	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B45	948	Dead	Force	Gravity	Relative	0	1	0	5.5
terrace	B46	957	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B47	966	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B49	984	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B50	993	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B52	1011	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B53	1020	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B54	1029	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B55	1038	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B57	1056	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B58	1065	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B59	1074	Dead	Force	Gravity	Relative	0	1	0	3.3
terrace	B60	1083	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B61	1092	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B63	1110	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B64	1119	Dead	Force	Gravity	Relative	0	1	0	3.3
terrace	B65	1128	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B66	1137	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B67	1146	Dead	Force	Gravity	Relative	0	1	0	3.3
terrace	B68	1155	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B71	1182	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B72	1191	Dead	Force	Gravity	Relative	0	1	0	3.3
terrace	B73	1200	Dead	Force	Gravity	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
terrace	B74	1209	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B75	1218	Dead	Force	Gravity	Relative	0	1	0	3.3
terrace	B76	1227	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B78	1245	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B79	1254	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B80	1263	Dead	Force	Gravity	Relative	0	1	0	3.3
terrace	B81	1272	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B82	1281	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B84	1299	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B85	1308	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B86	1317	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B87	1326	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B89	1344	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B90	1353	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B92	1371	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B93	1380	Dead	Force	Gravity	Relative	0	1	0	4.75
terrace	B94	483	Dead	Force	Gravity	Relative	0	1	0	2.31
terrace	B95	491	Dead	Force	Gravity	Relative	0	1	0	2.31
terrace	B96	499	Dead	Force	Gravity	Relative	0	1	0	2.31
terrace	B97	507	Dead	Force	Gravity	Relative	0	1	0	2.31
terrace	B98	513	Dead	Force	Gravity	Relative	0	1	0	3.8
terrace	B99	514	Dead	Force	Gravity	Relative	0	1	0	3.8
Story5	B1	553	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B2	562	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B4	580	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B5	589	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B6	598	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B7	607	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B8	616	Dead	Force	Gravity	Relative	0	1	0	3.8
Story5	B9	625	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B10	634	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B11	643	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B12	652	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B13	661	Dead	Force	Gravity	Relative	0	1	0	3.8
Story5	B14	670	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B15	679	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B16	688	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B17	697	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B18	706	Dead	Force	Gravity	Relative	0	1	0	3.8
Story5	B19	715	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B20	724	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B21	733	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B22	742	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B23	751	Dead	Force	Gravity	Relative	0	1	0	3.8

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story5	B24	760	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B25	769	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B26	778	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B27	787	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B28	796	Dead	Force	Gravity	Relative	0	1	0	3.8
Story5	B29	805	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B30	814	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B31	823	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B32	832	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B33	841	Dead	Force	Gravity	Relative	0	1	0	3.8
Story5	B34	850	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B35	859	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B36	868	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B37	877	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B38	886	Dead	Force	Gravity	Relative	0	1	0	3.8
Story5	B39	895	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B40	904	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B41	913	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B42	922	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B44	940	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B45	949	Dead	Force	Gravity	Relative	0	1	0	5.5
Story5	B46	958	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B47	967	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B49	985	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B50	994	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B52	1012	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B53	1021	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B54	1030	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B55	1039	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B57	1057	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B58	1066	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B59	1075	Dead	Force	Gravity	Relative	0	1	0	3.3
Story5	B60	1084	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B61	1093	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B63	1111	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B64	1120	Dead	Force	Gravity	Relative	0	1	0	3.3
Story5	B65	1129	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B66	1138	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B67	1147	Dead	Force	Gravity	Relative	0	1	0	3.3
Story5	B68	1156	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B71	1183	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B72	1192	Dead	Force	Gravity	Relative	0	1	0	3.3
Story5	B73	1201	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B74	1210	Dead	Force	Gravity	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story5	B75	1219	Dead	Force	Gravity	Relative	0	1	0	3.3
Story5	B76	1228	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B78	1246	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B79	1255	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B80	1264	Dead	Force	Gravity	Relative	0	1	0	3.3
Story5	B81	1273	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B82	1282	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B84	1300	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B85	1309	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B86	1318	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B87	1327	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B89	1345	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B90	1354	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B92	1372	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B93	1381	Dead	Force	Gravity	Relative	0	1	0	4.75
Story5	B94	484	Dead	Force	Gravity	Relative	0	1	0	2.31
Story5	B95	492	Dead	Force	Gravity	Relative	0	1	0	2.31
Story5	B96	500	Dead	Force	Gravity	Relative	0	1	0	2.31
Story5	B97	508	Dead	Force	Gravity	Relative	0	1	0	2.31
Story4	B1	554	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B2	563	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B4	581	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B5	590	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B6	599	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B7	608	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B8	617	Dead	Force	Gravity	Relative	0	1	0	3.8
Story4	B9	626	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B10	635	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B11	644	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B12	653	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B13	662	Dead	Force	Gravity	Relative	0	1	0	3.8
Story4	B14	671	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B15	680	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B16	689	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B17	698	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B18	707	Dead	Force	Gravity	Relative	0	1	0	3.8
Story4	B19	716	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B20	725	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B21	734	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B22	743	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B23	752	Dead	Force	Gravity	Relative	0	1	0	3.8
Story4	B24	761	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B25	770	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B26	779	Dead	Force	Gravity	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story4	B27	788	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B28	797	Dead	Force	Gravity	Relative	0	1	0	3.8
Story4	B29	806	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B30	815	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B31	824	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B32	833	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B33	842	Dead	Force	Gravity	Relative	0	1	0	3.8
Story4	B34	851	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B35	860	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B36	869	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B37	878	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B38	887	Dead	Force	Gravity	Relative	0	1	0	3.8
Story4	B39	896	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B40	905	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B41	914	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B42	923	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B44	941	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B45	950	Dead	Force	Gravity	Relative	0	1	0	5.5
Story4	B46	959	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B47	968	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B49	986	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B50	995	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B52	1013	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B53	1022	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B54	1031	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B55	1040	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B57	1058	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B58	1067	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B59	1076	Dead	Force	Gravity	Relative	0	1	0	3.3
Story4	B60	1085	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B61	1094	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B63	1112	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B64	1121	Dead	Force	Gravity	Relative	0	1	0	3.3
Story4	B65	1130	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B66	1139	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B67	1148	Dead	Force	Gravity	Relative	0	1	0	3.3
Story4	B68	1157	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B71	1184	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B72	1193	Dead	Force	Gravity	Relative	0	1	0	3.3
Story4	B73	1202	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B74	1211	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B75	1220	Dead	Force	Gravity	Relative	0	1	0	3.3
Story4	B76	1229	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B78	1247	Dead	Force	Gravity	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story4	B79	1256	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B80	1265	Dead	Force	Gravity	Relative	0	1	0	3.3
Story4	B81	1274	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B82	1283	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B84	1301	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B85	1310	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B86	1319	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B87	1328	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B89	1346	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B90	1355	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B92	1373	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B93	1382	Dead	Force	Gravity	Relative	0	1	0	4.75
Story4	B94	485	Dead	Force	Gravity	Relative	0	1	0	2.31
Story4	B95	493	Dead	Force	Gravity	Relative	0	1	0	2.31
Story4	B96	501	Dead	Force	Gravity	Relative	0	1	0	2.31
Story4	B97	509	Dead	Force	Gravity	Relative	0	1	0	2.31
Story3	B1	555	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B2	564	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B4	582	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B5	591	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B6	600	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B7	609	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B8	618	Dead	Force	Gravity	Relative	0	1	0	3.8
Story3	B9	627	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B10	636	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B11	645	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B12	654	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B13	663	Dead	Force	Gravity	Relative	0	1	0	3.8
Story3	B14	672	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B15	681	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B16	690	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B17	699	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B18	708	Dead	Force	Gravity	Relative	0	1	0	3.8
Story3	B19	717	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B20	726	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B21	735	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B22	744	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B23	753	Dead	Force	Gravity	Relative	0	1	0	3.8
Story3	B24	762	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B25	771	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B26	780	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B27	789	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B28	798	Dead	Force	Gravity	Relative	0	1	0	3.8
Story3	B29	807	Dead	Force	Gravity	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story3	B30	816	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B31	825	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B32	834	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B33	843	Dead	Force	Gravity	Relative	0	1	0	3.8
Story3	B34	852	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B35	861	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B36	870	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B37	879	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B38	888	Dead	Force	Gravity	Relative	0	1	0	3.8
Story3	B39	897	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B40	906	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B41	915	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B42	924	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B44	942	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B45	951	Dead	Force	Gravity	Relative	0	1	0	5.5
Story3	B46	960	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B47	969	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B49	987	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B50	996	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B52	1014	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B53	1023	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B54	1032	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B55	1041	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B57	1059	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B58	1068	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B59	1077	Dead	Force	Gravity	Relative	0	1	0	3.3
Story3	B60	1086	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B61	1095	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B63	1113	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B64	1122	Dead	Force	Gravity	Relative	0	1	0	3.3
Story3	B65	1131	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B66	1140	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B67	1149	Dead	Force	Gravity	Relative	0	1	0	3.3
Story3	B68	1158	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B71	1185	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B72	1194	Dead	Force	Gravity	Relative	0	1	0	3.3
Story3	B73	1203	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B74	1212	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B75	1221	Dead	Force	Gravity	Relative	0	1	0	3.3
Story3	B76	1230	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B78	1248	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B79	1257	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B80	1266	Dead	Force	Gravity	Relative	0	1	0	3.3
Story3	B81	1275	Dead	Force	Gravity	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story3	B82	1284	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B84	1302	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B85	1311	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B86	1320	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B87	1329	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B89	1347	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B90	1356	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B92	1374	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B93	1383	Dead	Force	Gravity	Relative	0	1	0	4.75
Story3	B94	486	Dead	Force	Gravity	Relative	0	1	0	2.31
Story3	B95	494	Dead	Force	Gravity	Relative	0	1	0	2.31
Story3	B96	502	Dead	Force	Gravity	Relative	0	1	0	2.31
Story3	B97	510	Dead	Force	Gravity	Relative	0	1	0	2.31
Story2	B1	556	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B2	565	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B4	583	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B5	592	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B6	601	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B7	610	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B8	619	Dead	Force	Gravity	Relative	0	1	0	3.8
Story2	B9	628	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B10	637	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B11	646	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B12	655	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B13	664	Dead	Force	Gravity	Relative	0	1	0	3.8
Story2	B14	673	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B15	682	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B16	691	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B17	700	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B18	709	Dead	Force	Gravity	Relative	0	1	0	3.8
Story2	B19	718	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B20	727	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B21	736	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B22	745	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B23	754	Dead	Force	Gravity	Relative	0	1	0	3.8
Story2	B24	763	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B25	772	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B26	781	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B27	790	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B28	799	Dead	Force	Gravity	Relative	0	1	0	3.8
Story2	B29	808	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B30	817	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B31	826	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B32	835	Dead	Force	Gravity	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story2	B33	844	Dead	Force	Gravity	Relative	0	1	0	3.8
Story2	B34	853	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B35	862	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B36	871	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B37	880	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B38	889	Dead	Force	Gravity	Relative	0	1	0	3.8
Story2	B39	898	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B40	907	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B41	916	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B42	925	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B44	943	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B45	952	Dead	Force	Gravity	Relative	0	1	0	5.5
Story2	B46	961	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B47	970	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B49	988	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B50	997	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B52	1015	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B53	1024	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B54	1033	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B55	1042	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B57	1060	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B58	1069	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B59	1078	Dead	Force	Gravity	Relative	0	1	0	3.3
Story2	B60	1087	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B61	1096	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B63	1114	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B64	1123	Dead	Force	Gravity	Relative	0	1	0	3.3
Story2	B65	1132	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B66	1141	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B67	1150	Dead	Force	Gravity	Relative	0	1	0	3.3
Story2	B68	1159	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B71	1186	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B72	1195	Dead	Force	Gravity	Relative	0	1	0	3.3
Story2	B73	1204	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B74	1213	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B75	1222	Dead	Force	Gravity	Relative	0	1	0	3.3
Story2	B76	1231	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B78	1249	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B79	1258	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B80	1267	Dead	Force	Gravity	Relative	0	1	0	3.3
Story2	B81	1276	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B82	1285	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B84	1303	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B85	1312	Dead	Force	Gravity	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story2	B86	1321	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B87	1330	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B89	1348	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B90	1357	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B92	1375	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B93	1384	Dead	Force	Gravity	Relative	0	1	0	4.75
Story2	B94	487	Dead	Force	Gravity	Relative	0	1	0	2.31
Story2	B95	495	Dead	Force	Gravity	Relative	0	1	0	2.31
Story2	B96	503	Dead	Force	Gravity	Relative	0	1	0	2.31
Story2	B97	511	Dead	Force	Gravity	Relative	0	1	0	2.31
Story1	B1	557	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B2	566	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B4	584	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B5	593	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B6	602	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B7	611	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B8	620	Dead	Force	Gravity	Relative	0	1	0	3.8
Story1	B9	629	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B10	638	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B11	647	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B12	656	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B13	665	Dead	Force	Gravity	Relative	0	1	0	3.8
Story1	B14	674	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B15	683	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B16	692	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B17	701	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B18	710	Dead	Force	Gravity	Relative	0	1	0	3.8
Story1	B19	719	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B20	728	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B21	737	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B22	746	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B23	755	Dead	Force	Gravity	Relative	0	1	0	3.8
Story1	B24	764	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B25	773	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B26	782	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B27	791	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B28	800	Dead	Force	Gravity	Relative	0	1	0	3.8
Story1	B29	809	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B30	818	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B31	827	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B32	836	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B33	845	Dead	Force	Gravity	Relative	0	1	0	3.8
Story1	B34	854	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B35	863	Dead	Force	Gravity	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story1	B36	872	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B37	881	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B38	890	Dead	Force	Gravity	Relative	0	1	0	3.8
Story1	B39	899	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B40	908	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B41	917	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B42	926	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B44	944	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B45	953	Dead	Force	Gravity	Relative	0	1	0	5.5
Story1	B46	962	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B47	971	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B49	989	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B50	998	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B52	1016	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B53	1025	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B54	1034	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B55	1043	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B57	1061	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B58	1070	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B59	1079	Dead	Force	Gravity	Relative	0	1	0	3.3
Story1	B60	1088	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B61	1097	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B63	1115	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B64	1124	Dead	Force	Gravity	Relative	0	1	0	3.3
Story1	B65	1133	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B66	1142	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B67	1151	Dead	Force	Gravity	Relative	0	1	0	3.3
Story1	B68	1160	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B71	1187	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B72	1196	Dead	Force	Gravity	Relative	0	1	0	3.3
Story1	B73	1205	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B74	1214	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B75	1223	Dead	Force	Gravity	Relative	0	1	0	3.3
Story1	B76	1232	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B78	1250	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B79	1259	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B80	1268	Dead	Force	Gravity	Relative	0	1	0	3.3
Story1	B81	1277	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B82	1286	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B84	1304	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B85	1313	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B86	1322	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B87	1331	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B89	1349	Dead	Force	Gravity	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story1	B90	1358	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B92	1376	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B93	1385	Dead	Force	Gravity	Relative	0	1	0	4.75
Story1	B94	488	Dead	Force	Gravity	Relative	0	1	0	2.31
Story1	B95	496	Dead	Force	Gravity	Relative	0	1	0	2.31
Story1	B96	504	Dead	Force	Gravity	Relative	0	1	0	2.31
Story1	B97	512	Dead	Force	Gravity	Relative	0	1	0	2.31
ground	B1	550	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B2	559	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B4	577	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B5	586	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B6	595	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B7	604	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B8	613	Dead	Force	Gravity	Relative	0	1	0	3.8
ground	B9	622	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B10	631	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B11	640	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B12	649	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B13	658	Dead	Force	Gravity	Relative	0	1	0	3.8
ground	B14	667	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B15	676	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B16	685	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B17	694	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B18	703	Dead	Force	Gravity	Relative	0	1	0	3.8
ground	B19	712	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B20	721	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B21	730	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B22	739	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B23	748	Dead	Force	Gravity	Relative	0	1	0	3.8
ground	B24	757	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B25	766	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B26	775	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B27	784	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B28	793	Dead	Force	Gravity	Relative	0	1	0	3.8
ground	B29	802	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B30	811	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B31	820	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B32	829	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B33	838	Dead	Force	Gravity	Relative	0	1	0	3.8
ground	B34	847	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B35	856	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B36	865	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B37	874	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B38	883	Dead	Force	Gravity	Relative	0	1	0	3.8

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
ground	B39	892	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B40	901	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B41	910	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B42	919	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B44	937	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B45	946	Dead	Force	Gravity	Relative	0	1	0	5.5
ground	B46	955	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B47	964	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B48	973	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B49	982	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B50	991	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B51	1000	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B52	1009	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B53	1018	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B54	1027	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B55	1036	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B56	1045	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B57	1054	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B58	1063	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B59	1072	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B60	1081	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B61	1090	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B63	1108	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B64	1117	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B65	1126	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B66	1135	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B67	1144	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B68	1153	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B71	1180	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B72	1189	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B73	1198	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B74	1207	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B75	1216	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B76	1225	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B78	1243	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B79	1252	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B80	1261	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B81	1270	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B82	1279	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B83	1288	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B84	1297	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B85	1306	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B86	1315	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B87	1324	Dead	Force	Gravity	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
ground	B88	1333	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B89	1342	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B90	1351	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B91	1360	Dead	Force	Gravity	Relative	0	1	0	3.3
ground	B92	1369	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B93	1378	Dead	Force	Gravity	Relative	0	1	0	4.75
ground	B94	481	Dead	Force	Gravity	Relative	0	1	0	2.31
ground	B95	489	Dead	Force	Gravity	Relative	0	1	0	2.31
ground	B96	497	Dead	Force	Gravity	Relative	0	1	0	2.31
ground	B97	505	Dead	Force	Gravity	Relative	0	1	0	2.31
head room	B14	67	seismic x	Force	Global-X	Relative	0	1	0	5.5
head room	B19	90	seismic x	Force	Global-X	Relative	0	1	0	5.5
head room	B27	101	seismic x	Force	Global-X	Relative	0	1	0	5.5
head room	B32	108	seismic x	Force	Global-X	Relative	0	1	0	5.5
head room	B59	110	seismic x	Force	Global-X	Relative	0	1	0	3.3
head room	B67	92	seismic x	Force	Global-X	Relative	0	1	0	3.3
head room	B72	91	seismic x	Force	Global-X	Relative	0	1	0	3.3
head room	B80	81	seismic x	Force	Global-X	Relative	0	1	0	3.3
terrace	B1	552	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B2	561	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B4	579	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B5	588	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B6	597	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B7	606	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B8	615	seismic x	Force	Global-X	Relative	0	1	0	3.8
terrace	B9	624	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B10	633	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B11	642	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B12	651	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B13	660	seismic x	Force	Global-X	Relative	0	1	0	3.8
terrace	B14	669	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B15	678	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B16	687	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B17	696	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B18	705	seismic x	Force	Global-X	Relative	0	1	0	3.8
terrace	B19	714	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B20	723	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B21	732	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B22	741	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B23	750	seismic x	Force	Global-X	Relative	0	1	0	3.8
terrace	B24	759	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B25	768	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B26	777	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B27	786	seismic x	Force	Global-X	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
terrace	B28	795	seismic x	Force	Global-X	Relative	0	1	0	3.8
terrace	B29	804	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B30	813	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B31	822	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B32	831	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B33	840	seismic x	Force	Global-X	Relative	0	1	0	3.8
terrace	B34	849	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B35	858	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B36	867	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B37	876	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B38	885	seismic x	Force	Global-X	Relative	0	1	0	3.8
terrace	B39	894	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B40	903	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B41	912	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B42	921	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B44	939	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B45	948	seismic x	Force	Global-X	Relative	0	1	0	5.5
terrace	B46	957	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B47	966	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B49	984	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B50	993	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B52	1011	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B53	1020	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B54	1029	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B55	1038	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B57	1056	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B58	1065	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B59	1074	seismic x	Force	Global-X	Relative	0	1	0	3.3
terrace	B60	1083	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B61	1092	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B63	1110	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B64	1119	seismic x	Force	Global-X	Relative	0	1	0	3.3
terrace	B65	1128	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B66	1137	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B67	1146	seismic x	Force	Global-X	Relative	0	1	0	3.3
terrace	B68	1155	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B71	1182	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B72	1191	seismic x	Force	Global-X	Relative	0	1	0	3.3
terrace	B73	1200	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B74	1209	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B75	1218	seismic x	Force	Global-X	Relative	0	1	0	3.3
terrace	B76	1227	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B78	1245	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B79	1254	seismic x	Force	Global-X	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
terrace	B80	1263	seismic x	Force	Global-X	Relative	0	1	0	3.3
terrace	B81	1272	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B82	1281	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B84	1299	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B85	1308	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B86	1317	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B87	1326	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B89	1344	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B90	1353	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B92	1371	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B93	1380	seismic x	Force	Global-X	Relative	0	1	0	4.75
terrace	B94	483	seismic x	Force	Global-X	Relative	0	1	0	2.31
terrace	B95	491	seismic x	Force	Global-X	Relative	0	1	0	2.31
terrace	B96	499	seismic x	Force	Global-X	Relative	0	1	0	2.31
terrace	B97	507	seismic x	Force	Global-X	Relative	0	1	0	2.31
terrace	C56	449	seismic x	Force	Global-X	Relative	0	1	0	3.25
terrace	C57	457	seismic x	Force	Global-X	Relative	0	1	0	3.25
terrace	C58	465	seismic x	Force	Global-X	Relative	0	1	0	3.25
terrace	C59	473	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story5	B1	553	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B2	562	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B4	580	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B5	589	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B6	598	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B7	607	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B8	616	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story5	B9	625	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B10	634	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B11	643	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B12	652	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B13	661	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story5	B14	670	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B15	679	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B16	688	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B17	697	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B18	706	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story5	B19	715	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B20	724	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B21	733	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B22	742	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B23	751	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story5	B24	760	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B25	769	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B26	778	seismic x	Force	Global-X	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story5	B27	787	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B28	796	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story5	B29	805	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B30	814	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B31	823	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B32	832	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B33	841	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story5	B34	850	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B35	859	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B36	868	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B37	877	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B38	886	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story5	B39	895	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B40	904	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B41	913	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B42	922	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B44	940	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B45	949	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story5	B46	958	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B47	967	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B49	985	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B50	994	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B52	1012	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B53	1021	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B54	1030	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B55	1039	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B57	1057	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B58	1066	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B59	1075	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story5	B60	1084	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B61	1093	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B63	1111	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B64	1120	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story5	B65	1129	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B66	1138	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B67	1147	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story5	B68	1156	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B71	1183	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B72	1192	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story5	B73	1201	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B74	1210	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B75	1219	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story5	B76	1228	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B78	1246	seismic x	Force	Global-X	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story5	B79	1255	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B80	1264	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story5	B81	1273	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B82	1282	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B84	1300	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B85	1309	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B86	1318	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B87	1327	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B89	1345	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B90	1354	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B92	1372	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B93	1381	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story5	B94	484	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story5	B95	492	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story5	B96	500	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story5	B97	508	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story5	C56	451	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story5	C57	459	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story5	C58	467	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story5	C59	475	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story4	B1	554	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B2	563	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B4	581	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B5	590	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B6	599	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B7	608	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B8	617	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story4	B9	626	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B10	635	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B11	644	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B12	653	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B13	662	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story4	B14	671	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B15	680	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B16	689	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B17	698	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B18	707	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story4	B19	716	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B20	725	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B21	734	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B22	743	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B23	752	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story4	B24	761	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B25	770	seismic x	Force	Global-X	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story4	B26	779	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B27	788	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B28	797	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story4	B29	806	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B30	815	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B31	824	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B32	833	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B33	842	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story4	B34	851	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B35	860	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B36	869	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B37	878	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B38	887	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story4	B39	896	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B40	905	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B41	914	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B42	923	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B44	941	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B45	950	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story4	B46	959	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B47	968	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B49	986	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B50	995	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B52	1013	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B53	1022	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B54	1031	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B55	1040	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B57	1058	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B58	1067	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B59	1076	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story4	B60	1085	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B61	1094	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B63	1112	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B64	1121	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story4	B65	1130	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B66	1139	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B67	1148	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story4	B68	1157	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B71	1184	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B72	1193	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story4	B73	1202	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B74	1211	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B75	1220	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story4	B76	1229	seismic x	Force	Global-X	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story4	B78	1247	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B79	1256	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B80	1265	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story4	B81	1274	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B82	1283	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B84	1301	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B85	1310	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B86	1319	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B87	1328	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B89	1346	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B90	1355	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B92	1373	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B93	1382	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story4	B94	485	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story4	B95	493	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story4	B96	501	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story4	B97	509	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story4	C56	452	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story4	C57	460	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story4	C58	468	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story4	C59	476	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story3	B1	555	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B2	564	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B4	582	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B5	591	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B6	600	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B7	609	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B8	618	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story3	B9	627	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B10	636	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B11	645	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B12	654	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B13	663	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story3	B14	672	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B15	681	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B16	690	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B17	699	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B18	708	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story3	B19	717	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B20	726	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B21	735	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B22	744	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B23	753	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story3	B24	762	seismic x	Force	Global-X	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story3	B25	771	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B26	780	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B27	789	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B28	798	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story3	B29	807	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B30	816	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B31	825	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B32	834	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B33	843	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story3	B34	852	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B35	861	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B36	870	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B37	879	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B38	888	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story3	B39	897	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B40	906	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B41	915	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B42	924	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B44	942	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B45	951	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story3	B46	960	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B47	969	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B49	987	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B50	996	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B52	1014	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B53	1023	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B54	1032	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B55	1041	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B57	1059	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B58	1068	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B59	1077	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story3	B60	1086	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B61	1095	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B63	1113	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B64	1122	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story3	B65	1131	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B66	1140	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B67	1149	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story3	B68	1158	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B71	1185	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B72	1194	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story3	B73	1203	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B74	1212	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B75	1221	seismic x	Force	Global-X	Relative	0	1	0	3.3

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story3	B76	1230	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B78	1248	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B79	1257	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B80	1266	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story3	B81	1275	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B82	1284	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B84	1302	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B85	1311	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B86	1320	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B87	1329	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B89	1347	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B90	1356	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B92	1374	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B93	1383	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story3	B94	486	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story3	B95	494	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story3	B96	502	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story3	B97	510	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story3	C56	453	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story3	C57	461	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story3	C58	469	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story3	C59	477	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story2	B1	556	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B2	565	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B4	583	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B5	592	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B6	601	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B7	610	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B8	619	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story2	B9	628	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B10	637	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B11	646	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B12	655	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B13	664	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story2	B14	673	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B15	682	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B16	691	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B17	700	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B18	709	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story2	B19	718	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B20	727	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B21	736	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B22	745	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B23	754	seismic x	Force	Global-X	Relative	0	1	0	3.8

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story2	B24	763	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B25	772	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B26	781	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B27	790	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B28	799	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story2	B29	808	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B30	817	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B31	826	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B32	835	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B33	844	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story2	B34	853	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B35	862	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B36	871	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B37	880	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B38	889	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story2	B39	898	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B40	907	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B41	916	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B42	925	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B44	943	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B45	952	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story2	B46	961	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B47	970	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B49	988	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B50	997	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B52	1015	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B53	1024	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B54	1033	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B55	1042	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B57	1060	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B58	1069	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B59	1078	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story2	B60	1087	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B61	1096	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B63	1114	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B64	1123	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story2	B65	1132	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B66	1141	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B67	1150	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story2	B68	1159	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B71	1186	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B72	1195	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story2	B73	1204	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B74	1213	seismic x	Force	Global-X	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story2	B75	1222	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story2	B76	1231	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B78	1249	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B79	1258	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B80	1267	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story2	B81	1276	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B82	1285	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B84	1303	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B85	1312	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B86	1321	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B87	1330	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B89	1348	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B90	1357	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B92	1375	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B93	1384	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story2	B94	487	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story2	B95	495	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story2	B96	503	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story2	B97	511	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story2	C56	454	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story2	C57	462	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story2	C58	470	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story2	C59	478	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story1	B1	557	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B2	566	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B4	584	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B5	593	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B6	602	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B7	611	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B8	620	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story1	B9	629	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B10	638	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B11	647	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B12	656	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B13	665	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story1	B14	674	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B15	683	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B16	692	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B17	701	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B18	710	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story1	B19	719	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B20	728	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B21	737	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B22	746	seismic x	Force	Global-X	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story1	B23	755	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story1	B24	764	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B25	773	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B26	782	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B27	791	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B28	800	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story1	B29	809	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B30	818	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B31	827	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B32	836	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B33	845	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story1	B34	854	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B35	863	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B36	872	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B37	881	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B38	890	seismic x	Force	Global-X	Relative	0	1	0	3.8
Story1	B39	899	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B40	908	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B41	917	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B42	926	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B44	944	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B45	953	seismic x	Force	Global-X	Relative	0	1	0	5.5
Story1	B46	962	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B47	971	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B49	989	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B50	998	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B52	1016	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B53	1025	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B54	1034	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B55	1043	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B57	1061	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B58	1070	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B59	1079	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story1	B60	1088	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B61	1097	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B63	1115	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B64	1124	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story1	B65	1133	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B66	1142	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B67	1151	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story1	B68	1160	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B71	1187	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B72	1196	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story1	B73	1205	seismic x	Force	Global-X	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story1	B74	1214	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B75	1223	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story1	B76	1232	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B78	1250	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B79	1259	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B80	1268	seismic x	Force	Global-X	Relative	0	1	0	3.3
Story1	B81	1277	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B82	1286	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B84	1304	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B85	1313	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B86	1322	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B87	1331	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B89	1349	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B90	1358	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B92	1376	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B93	1385	seismic x	Force	Global-X	Relative	0	1	0	4.75
Story1	B94	488	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story1	B95	496	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story1	B96	504	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story1	B97	512	seismic x	Force	Global-X	Relative	0	1	0	2.31
Story1	C56	455	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story1	C57	463	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story1	C58	471	seismic x	Force	Global-X	Relative	0	1	0	3.25
Story1	C59	479	seismic x	Force	Global-X	Relative	0	1	0	3.25
ground	B1	550	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B2	559	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B4	577	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B5	586	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B6	595	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B7	604	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B8	613	seismic x	Force	Global-X	Relative	0	1	0	3.8
ground	B9	622	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B10	631	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B11	640	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B12	649	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B13	658	seismic x	Force	Global-X	Relative	0	1	0	3.8
ground	B14	667	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B15	676	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B16	685	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B17	694	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B18	703	seismic x	Force	Global-X	Relative	0	1	0	3.8
ground	B19	712	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B20	721	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B21	730	seismic x	Force	Global-X	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
ground	B22	739	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B23	748	seismic x	Force	Global-X	Relative	0	1	0	3.8
ground	B24	757	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B25	766	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B26	775	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B27	784	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B28	793	seismic x	Force	Global-X	Relative	0	1	0	3.8
ground	B29	802	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B30	811	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B31	820	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B32	829	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B33	838	seismic x	Force	Global-X	Relative	0	1	0	3.8
ground	B34	847	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B35	856	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B36	865	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B37	874	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B38	883	seismic x	Force	Global-X	Relative	0	1	0	3.8
ground	B39	892	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B40	901	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B41	910	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B42	919	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B44	937	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B45	946	seismic x	Force	Global-X	Relative	0	1	0	5.5
ground	B46	955	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B47	964	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B49	982	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B50	991	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B52	1009	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B53	1018	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B54	1027	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B55	1036	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B57	1054	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B58	1063	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B59	1072	seismic x	Force	Global-X	Relative	0	1	0	3.3
ground	B60	1081	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B61	1090	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B63	1108	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B64	1117	seismic x	Force	Global-X	Relative	0	1	0	3.3
ground	B65	1126	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B66	1135	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B67	1144	seismic x	Force	Global-X	Relative	0	1	0	3.3
ground	B68	1153	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B71	1180	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B72	1189	seismic x	Force	Global-X	Relative	0	1	0	3.3

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
ground	B73	1198	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B74	1207	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B75	1216	seismic x	Force	Global-X	Relative	0	1	0	3.3
ground	B76	1225	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B78	1243	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B79	1252	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B80	1261	seismic x	Force	Global-X	Relative	0	1	0	3.3
ground	B81	1270	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B82	1279	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B84	1297	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B85	1306	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B86	1315	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B87	1324	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B89	1342	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B90	1351	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B92	1369	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B93	1378	seismic x	Force	Global-X	Relative	0	1	0	4.75
ground	B94	481	seismic x	Force	Global-X	Relative	0	1	0	2.31
ground	B95	489	seismic x	Force	Global-X	Relative	0	1	0	2.31
ground	B96	497	seismic x	Force	Global-X	Relative	0	1	0	2.31
ground	B97	505	seismic x	Force	Global-X	Relative	0	1	0	2.31
head room	B14	67	seismic y	Force	Global-Y	Relative	0	1	0	5.5
head room	B19	90	seismic y	Force	Global-Y	Relative	0	1	0	5.5
head room	B27	101	seismic y	Force	Global-Y	Relative	0	1	0	5.5
head room	B32	108	seismic y	Force	Global-Y	Relative	0	1	0	5.5
head room	B59	110	seismic y	Force	Global-Y	Relative	0	1	0	3.3
head room	B67	92	seismic y	Force	Global-Y	Relative	0	1	0	3.3
head room	B72	91	seismic y	Force	Global-Y	Relative	0	1	0	3.3
head room	B80	81	seismic y	Force	Global-Y	Relative	0	1	0	3.3
terrace	B1	552	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B2	561	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B4	579	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B5	588	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B6	597	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B7	606	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B8	615	seismic y	Force	Global-Y	Relative	0	1	0	3.8
terrace	B9	624	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B10	633	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B11	642	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B12	651	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B13	660	seismic y	Force	Global-Y	Relative	0	1	0	3.8
terrace	B14	669	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B15	678	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B16	687	seismic y	Force	Global-Y	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
terrace	B17	696	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B18	705	seismic y	Force	Global-Y	Relative	0	1	0	3.8
terrace	B19	714	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B20	723	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B21	732	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B22	741	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B23	750	seismic y	Force	Global-Y	Relative	0	1	0	3.8
terrace	B24	759	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B25	768	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B26	777	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B27	786	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B28	795	seismic y	Force	Global-Y	Relative	0	1	0	3.8
terrace	B29	804	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B30	813	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B31	822	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B32	831	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B33	840	seismic y	Force	Global-Y	Relative	0	1	0	3.8
terrace	B34	849	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B35	858	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B36	867	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B37	876	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B38	885	seismic y	Force	Global-Y	Relative	0	1	0	3.8
terrace	B39	894	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B40	903	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B41	912	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B42	921	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B44	939	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B45	948	seismic y	Force	Global-Y	Relative	0	1	0	5.5
terrace	B46	957	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B47	966	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B49	984	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B50	993	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B52	1011	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B53	1020	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B54	1029	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B55	1038	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B57	1056	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B58	1065	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B59	1074	seismic y	Force	Global-Y	Relative	0	1	0	3.3
terrace	B60	1083	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B61	1092	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B63	1110	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B64	1119	seismic y	Force	Global-Y	Relative	0	1	0	3.3
terrace	B65	1128	seismic y	Force	Global-Y	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
terrace	B66	1137	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B67	1146	seismic y	Force	Global-Y	Relative	0	1	0	3.3
terrace	B68	1155	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B71	1182	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B72	1191	seismic y	Force	Global-Y	Relative	0	1	0	3.3
terrace	B73	1200	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B74	1209	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B75	1218	seismic y	Force	Global-Y	Relative	0	1	0	3.3
terrace	B76	1227	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B78	1245	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B79	1254	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B80	1263	seismic y	Force	Global-Y	Relative	0	1	0	3.3
terrace	B81	1272	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B82	1281	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B84	1299	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B85	1308	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B86	1317	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B87	1326	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B89	1344	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B90	1353	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B92	1371	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B93	1380	seismic y	Force	Global-Y	Relative	0	1	0	4.75
terrace	B94	483	seismic y	Force	Global-Y	Relative	0	1	0	2.31
terrace	B95	491	seismic y	Force	Global-Y	Relative	0	1	0	2.31
terrace	B96	499	seismic y	Force	Global-Y	Relative	0	1	0	2.31
terrace	B97	507	seismic y	Force	Global-Y	Relative	0	1	0	2.31
terrace	C56	449	seismic y	Force	Global-Y	Relative	0	1	0	3.25
terrace	C57	457	seismic y	Force	Global-Y	Relative	0	1	0	3.25
terrace	C58	465	seismic y	Force	Global-Y	Relative	0	1	0	3.25
terrace	C59	473	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story5	B1	553	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B2	562	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B4	580	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B5	589	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B6	598	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B7	607	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B8	616	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story5	B9	625	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B10	634	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B11	643	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B12	652	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B13	661	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story5	B14	670	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B15	679	seismic y	Force	Global-Y	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story5	B16	688	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B17	697	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B18	706	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story5	B19	715	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B20	724	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B21	733	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B22	742	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B23	751	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story5	B24	760	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B25	769	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B26	778	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B27	787	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B28	796	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story5	B29	805	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B30	814	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B31	823	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B32	832	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B33	841	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story5	B34	850	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B35	859	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B36	868	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B37	877	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B38	886	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story5	B39	895	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B40	904	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B41	913	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B42	922	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B44	940	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B45	949	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story5	B46	958	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B47	967	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B49	985	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B50	994	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B52	1012	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B53	1021	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B54	1030	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B55	1039	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B57	1057	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B58	1066	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B59	1075	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story5	B60	1084	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B61	1093	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B63	1111	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B64	1120	seismic y	Force	Global-Y	Relative	0	1	0	3.3

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story5	B65	1129	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B66	1138	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B67	1147	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story5	B68	1156	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B71	1183	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B72	1192	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story5	B73	1201	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B74	1210	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B75	1219	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story5	B76	1228	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B78	1246	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B79	1255	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B80	1264	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story5	B81	1273	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B82	1282	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B84	1300	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B85	1309	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B86	1318	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B87	1327	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B89	1345	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B90	1354	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B92	1372	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B93	1381	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story5	B94	484	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story5	B95	492	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story5	B96	500	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story5	B97	508	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story5	C56	451	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story5	C57	459	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story5	C58	467	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story5	C59	475	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story4	B1	554	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B2	563	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B4	581	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B5	590	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B6	599	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B7	608	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B8	617	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story4	B9	626	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B10	635	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B11	644	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B12	653	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B13	662	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story4	B14	671	seismic y	Force	Global-Y	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story4	B15	680	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B16	689	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B17	698	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B18	707	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story4	B19	716	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B20	725	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B21	734	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B22	743	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B23	752	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story4	B24	761	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B25	770	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B26	779	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B27	788	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B28	797	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story4	B29	806	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B30	815	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B31	824	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B32	833	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B33	842	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story4	B34	851	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B35	860	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B36	869	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B37	878	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B38	887	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story4	B39	896	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B40	905	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B41	914	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B42	923	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B44	941	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B45	950	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story4	B46	959	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B47	968	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B49	986	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B50	995	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B52	1013	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B53	1022	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B54	1031	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B55	1040	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B57	1058	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B58	1067	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B59	1076	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story4	B60	1085	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B61	1094	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B63	1112	seismic y	Force	Global-Y	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story4	B64	1121	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story4	B65	1130	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B66	1139	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B67	1148	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story4	B68	1157	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B71	1184	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B72	1193	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story4	B73	1202	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B74	1211	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B75	1220	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story4	B76	1229	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B78	1247	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B79	1256	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B80	1265	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story4	B81	1274	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B82	1283	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B84	1301	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B85	1310	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B86	1319	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B87	1328	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B89	1346	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B90	1355	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B92	1373	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B93	1382	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story4	B94	485	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story4	B95	493	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story4	B96	501	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story4	B97	509	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story4	C56	452	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story4	C57	460	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story4	C58	468	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story4	C59	476	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story3	B1	555	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B2	564	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B4	582	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B5	591	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B6	600	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B7	609	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B8	618	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story3	B9	627	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B10	636	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B11	645	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B12	654	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B13	663	seismic y	Force	Global-Y	Relative	0	1	0	3.8

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story3	B14	672	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B15	681	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B16	690	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B17	699	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B18	708	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story3	B19	717	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B20	726	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B21	735	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B22	744	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B23	753	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story3	B24	762	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B25	771	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B26	780	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B27	789	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B28	798	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story3	B29	807	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B30	816	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B31	825	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B32	834	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B33	843	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story3	B34	852	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B35	861	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B36	870	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B37	879	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B38	888	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story3	B39	897	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B40	906	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B41	915	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B42	924	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B44	942	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B45	951	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story3	B46	960	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B47	969	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B49	987	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B50	996	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B52	1014	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B53	1023	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B54	1032	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B55	1041	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B57	1059	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B58	1068	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B59	1077	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story3	B60	1086	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B61	1095	seismic y	Force	Global-Y	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story3	B63	1113	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B64	1122	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story3	B65	1131	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B66	1140	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B67	1149	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story3	B68	1158	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B71	1185	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B72	1194	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story3	B73	1203	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B74	1212	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B75	1221	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story3	B76	1230	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B78	1248	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B79	1257	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B80	1266	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story3	B81	1275	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B82	1284	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B84	1302	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B85	1311	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B86	1320	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B87	1329	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B89	1347	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B90	1356	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B92	1374	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B93	1383	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story3	B94	486	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story3	B95	494	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story3	B96	502	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story3	B97	510	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story3	C56	453	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story3	C57	461	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story3	C58	469	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story3	C59	477	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story2	B1	556	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B2	565	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B4	583	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B5	592	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B6	601	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B7	610	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B8	619	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story2	B9	628	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B10	637	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B11	646	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B12	655	seismic y	Force	Global-Y	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story2	B13	664	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story2	B14	673	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B15	682	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B16	691	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B17	700	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B18	709	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story2	B19	718	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B20	727	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B21	736	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B22	745	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B23	754	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story2	B24	763	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B25	772	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B26	781	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B27	790	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B28	799	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story2	B29	808	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B30	817	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B31	826	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B32	835	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B33	844	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story2	B34	853	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B35	862	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B36	871	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B37	880	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B38	889	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story2	B39	898	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B40	907	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B41	916	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B42	925	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B44	943	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B45	952	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story2	B46	961	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B47	970	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B49	988	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B50	997	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B52	1015	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B53	1024	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B54	1033	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B55	1042	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B57	1060	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B58	1069	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B59	1078	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story2	B60	1087	seismic y	Force	Global-Y	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story2	B61	1096	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B63	1114	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B64	1123	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story2	B65	1132	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B66	1141	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B67	1150	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story2	B68	1159	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B71	1186	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B72	1195	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story2	B73	1204	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B74	1213	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B75	1222	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story2	B76	1231	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B78	1249	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B79	1258	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B80	1267	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story2	B81	1276	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B82	1285	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B84	1303	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B85	1312	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B86	1321	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B87	1330	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B89	1348	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B90	1357	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B92	1375	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B93	1384	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story2	B94	487	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story2	B95	495	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story2	B96	503	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story2	B97	511	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story2	C56	454	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story2	C57	462	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story2	C58	470	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story2	C59	478	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story1	B1	557	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B2	566	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B4	584	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B5	593	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B6	602	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B7	611	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B8	620	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story1	B9	629	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B10	638	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B11	647	seismic y	Force	Global-Y	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story1	B12	656	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B13	665	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story1	B14	674	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B15	683	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B16	692	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B17	701	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B18	710	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story1	B19	719	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B20	728	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B21	737	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B22	746	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B23	755	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story1	B24	764	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B25	773	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B26	782	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B27	791	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B28	800	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story1	B29	809	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B30	818	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B31	827	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B32	836	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B33	845	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story1	B34	854	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B35	863	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B36	872	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B37	881	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B38	890	seismic y	Force	Global-Y	Relative	0	1	0	3.8
Story1	B39	899	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B40	908	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B41	917	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B42	926	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B44	944	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B45	953	seismic y	Force	Global-Y	Relative	0	1	0	5.5
Story1	B46	962	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B47	971	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B49	989	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B50	998	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B52	1016	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B53	1025	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B54	1034	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B55	1043	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B57	1061	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B58	1070	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B59	1079	seismic y	Force	Global-Y	Relative	0	1	0	3.3

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
Story1	B60	1088	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B61	1097	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B63	1115	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B64	1124	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story1	B65	1133	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B66	1142	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B67	1151	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story1	B68	1160	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B71	1187	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B72	1196	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story1	B73	1205	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B74	1214	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B75	1223	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story1	B76	1232	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B78	1250	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B79	1259	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B80	1268	seismic y	Force	Global-Y	Relative	0	1	0	3.3
Story1	B81	1277	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B82	1286	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B84	1304	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B85	1313	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B86	1322	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B87	1331	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B89	1349	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B90	1358	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B92	1376	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B93	1385	seismic y	Force	Global-Y	Relative	0	1	0	4.75
Story1	B94	488	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story1	B95	496	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story1	B96	504	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story1	B97	512	seismic y	Force	Global-Y	Relative	0	1	0	2.31
Story1	C56	455	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story1	C57	463	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story1	C58	471	seismic y	Force	Global-Y	Relative	0	1	0	3.25
Story1	C59	479	seismic y	Force	Global-Y	Relative	0	1	0	3.25
ground	B1	550	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B2	559	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B4	577	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B5	586	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B6	595	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B7	604	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B8	613	seismic y	Force	Global-Y	Relative	0	1	0	3.8
ground	B9	622	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B10	631	seismic y	Force	Global-Y	Relative	0	1	0	5.5

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
ground	B11	640	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B12	649	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B13	658	seismic y	Force	Global-Y	Relative	0	1	0	3.8
ground	B14	667	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B15	676	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B16	685	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B17	694	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B18	703	seismic y	Force	Global-Y	Relative	0	1	0	3.8
ground	B19	712	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B20	721	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B21	730	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B22	739	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B23	748	seismic y	Force	Global-Y	Relative	0	1	0	3.8
ground	B24	757	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B25	766	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B26	775	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B27	784	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B28	793	seismic y	Force	Global-Y	Relative	0	1	0	3.8
ground	B29	802	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B30	811	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B31	820	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B32	829	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B33	838	seismic y	Force	Global-Y	Relative	0	1	0	3.8
ground	B34	847	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B35	856	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B36	865	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B37	874	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B38	883	seismic y	Force	Global-Y	Relative	0	1	0	3.8
ground	B39	892	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B40	901	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B41	910	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B42	919	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B44	937	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B45	946	seismic y	Force	Global-Y	Relative	0	1	0	5.5
ground	B46	955	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B47	964	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B49	982	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B50	991	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B52	1009	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B53	1018	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B54	1027	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B55	1036	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B57	1054	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B58	1063	seismic y	Force	Global-Y	Relative	0	1	0	4.75

Table 4.7 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

Story	Label	UniqueName	Load Pattern	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
ground	B59	1072	seismic y	Force	Global-Y	Relative	0	1	0	3.3
ground	B60	1081	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B61	1090	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B63	1108	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B64	1117	seismic y	Force	Global-Y	Relative	0	1	0	3.3
ground	B65	1126	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B66	1135	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B67	1144	seismic y	Force	Global-Y	Relative	0	1	0	3.3
ground	B68	1153	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B71	1180	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B72	1189	seismic y	Force	Global-Y	Relative	0	1	0	3.3
ground	B73	1198	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B74	1207	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B75	1216	seismic y	Force	Global-Y	Relative	0	1	0	3.3
ground	B76	1225	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B78	1243	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B79	1252	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B80	1261	seismic y	Force	Global-Y	Relative	0	1	0	3.3
ground	B81	1270	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B82	1279	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B84	1297	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B85	1306	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B86	1315	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B87	1324	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B89	1342	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B90	1351	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B92	1369	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B93	1378	seismic y	Force	Global-Y	Relative	0	1	0	4.75
ground	B94	481	seismic y	Force	Global-Y	Relative	0	1	0	2.31
ground	B95	489	seismic y	Force	Global-Y	Relative	0	1	0	2.31
ground	B96	497	seismic y	Force	Global-Y	Relative	0	1	0	2.31
ground	B97	505	seismic y	Force	Global-Y	Relative	0	1	0	2.31

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2)

Force A kN/m	Force B kN/m
12.88	12.88
12.88	12.88
12.88	12.88
12.88	12.88
12.88	12.88
12.88	12.88
12.88	12.88

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

[illegible]

Table 4.7 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

Force A kN/m	Force B kN/m
0.5	0.5
0.5	0.5
0.5	0.5
0.5	0.5
0.5	0.5
0.5	0.5
0.5	0.5
0.5	0.5
0.5	0.5

4.4.3 Area Loads**Table 4.8 - Area Load Assignments - Uniform**

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
head room	F27	9	Dead	Gravity	1.296
head room	F14	2	Dead	Gravity	1.296
terrace	F1	3	Dead	Gravity	2.876
terrace	F2	13	Dead	Gravity	2.876
terrace	F4	33	Dead	Gravity	2.876
terrace	F5	43	Dead	Gravity	2.876
terrace	F6	53	Dead	Gravity	2.876
terrace	F7	63	Dead	Gravity	2.876
terrace	F8	73	Dead	Gravity	2.876
terrace	F9	83	Dead	Gravity	2.876
terrace	F10	93	Dead	Gravity	2.876
terrace	F13	123	Dead	Gravity	2.876
terrace	F16	153	Dead	Gravity	2.876
terrace	F17	163	Dead	Gravity	2.876
terrace	F18	173	Dead	Gravity	2.876
terrace	F19	183	Dead	Gravity	2.876
terrace	F20	193	Dead	Gravity	2.876
terrace	F21	203	Dead	Gravity	2.876
terrace	F22	213	Dead	Gravity	2.876
terrace	F23	223	Dead	Gravity	2.876
terrace	F24	233	Dead	Gravity	2.876
terrace	F25	243	Dead	Gravity	2.876
terrace	F28	273	Dead	Gravity	2.876
terrace	F31	303	Dead	Gravity	2.876
terrace	F32	313	Dead	Gravity	2.876
terrace	F33	323	Dead	Gravity	2.876
terrace	F34	333	Dead	Gravity	2.876
terrace	F35	343	Dead	Gravity	2.876
terrace	F36	353	Dead	Gravity	2.876

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
terrace	F37	363	Dead	Gravity	2.876
terrace	F39	383	Dead	Gravity	2.876
terrace	F40	393	Dead	Gravity	2.876
terrace	F3	19	Dead	Gravity	2.876
terrace	F42	28	Dead	Gravity	2.876
terrace	F47	374	Dead	Gravity	2.876
terrace	F48	390	Dead	Gravity	2.876
terrace	F50	405	Dead	Gravity	2.876
terrace	F53	404	Dead	Gravity	2.876
terrace	W4	80	Dead	Gravity	2.345
terrace	W7	103	Dead	Gravity	2.345
terrace	W12	130	Dead	Gravity	2.345
terrace	W13	138	Dead	Gravity	2.345
Story5	F1	4	Dead	Gravity	1.296
Story5	F2	14	Dead	Gravity	1.296
Story5	F4	34	Dead	Gravity	1.296
Story5	F5	44	Dead	Gravity	1.296
Story5	F6	54	Dead	Gravity	1.296
Story5	F7	64	Dead	Gravity	1.296
Story5	F8	74	Dead	Gravity	1.296
Story5	F9	84	Dead	Gravity	1.296
Story5	F10	94	Dead	Gravity	1.296
Story5	F13	124	Dead	Gravity	1.296
Story5	F16	154	Dead	Gravity	1.296
Story5	F17	164	Dead	Gravity	1.296
Story5	F18	174	Dead	Gravity	1.296
Story5	F19	184	Dead	Gravity	1.296
Story5	F20	194	Dead	Gravity	1.296
Story5	F21	204	Dead	Gravity	1.296
Story5	F22	214	Dead	Gravity	1.296
Story5	F23	224	Dead	Gravity	1.296
Story5	F24	234	Dead	Gravity	1.296
Story5	F25	244	Dead	Gravity	1.296
Story5	F28	274	Dead	Gravity	1.296
Story5	F31	304	Dead	Gravity	1.296
Story5	F32	314	Dead	Gravity	1.296
Story5	F33	324	Dead	Gravity	1.296
Story5	F34	334	Dead	Gravity	1.296
Story5	F35	344	Dead	Gravity	1.296
Story5	F36	354	Dead	Gravity	1.296
Story5	F37	364	Dead	Gravity	1.296
Story5	F39	384	Dead	Gravity	1.296
Story5	F40	394	Dead	Gravity	1.296
Story5	F3	20	Dead	Gravity	1.296
Story5	F42	29	Dead	Gravity	1.296

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story5	F47	375	Dead	Gravity	1.296
Story5	F48	392	Dead	Gravity	1.296
Story5	W4	82	Dead	Gravity	2.345
Story5	W7	104	Dead	Gravity	2.345
Story5	W12	131	Dead	Gravity	2.345
Story5	W13	139	Dead	Gravity	2.345
Story4	F1	5	Dead	Gravity	1.296
Story4	F2	15	Dead	Gravity	1.296
Story4	F4	35	Dead	Gravity	1.296
Story4	F5	45	Dead	Gravity	1.296
Story4	F6	55	Dead	Gravity	1.296
Story4	F7	65	Dead	Gravity	1.296
Story4	F8	75	Dead	Gravity	1.296
Story4	F9	85	Dead	Gravity	1.296
Story4	F10	95	Dead	Gravity	1.296
Story4	F13	125	Dead	Gravity	1.296
Story4	F16	155	Dead	Gravity	1.296
Story4	F17	165	Dead	Gravity	1.296
Story4	F18	175	Dead	Gravity	1.296
Story4	F19	185	Dead	Gravity	1.296
Story4	F20	195	Dead	Gravity	1.296
Story4	F21	205	Dead	Gravity	1.296
Story4	F22	215	Dead	Gravity	1.296
Story4	F23	225	Dead	Gravity	1.296
Story4	F24	235	Dead	Gravity	1.296
Story4	F25	245	Dead	Gravity	1.296
Story4	F28	275	Dead	Gravity	1.296
Story4	F31	305	Dead	Gravity	1.296
Story4	F32	315	Dead	Gravity	1.296
Story4	F33	325	Dead	Gravity	1.296
Story4	F34	335	Dead	Gravity	1.296
Story4	F35	345	Dead	Gravity	1.296
Story4	F36	355	Dead	Gravity	1.296
Story4	F37	365	Dead	Gravity	1.296
Story4	F39	385	Dead	Gravity	1.296
Story4	F40	395	Dead	Gravity	1.296
Story4	F3	21	Dead	Gravity	1.296
Story4	F42	30	Dead	Gravity	1.296
Story4	F47	376	Dead	Gravity	1.296
Story4	F48	399	Dead	Gravity	1.296
Story4	W4	89	Dead	Gravity	2.345
Story4	W7	105	Dead	Gravity	2.345
Story4	W12	132	Dead	Gravity	2.345
Story4	W13	140	Dead	Gravity	2.345
Story3	F1	6	Dead	Gravity	1.296

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story3	F2	16	Dead	Gravity	1.296
Story3	F4	36	Dead	Gravity	1.296
Story3	F5	46	Dead	Gravity	1.296
Story3	F6	56	Dead	Gravity	1.296
Story3	F7	66	Dead	Gravity	1.296
Story3	F8	76	Dead	Gravity	1.296
Story3	F9	86	Dead	Gravity	1.296
Story3	F10	96	Dead	Gravity	1.296
Story3	F13	126	Dead	Gravity	1.296
Story3	F16	156	Dead	Gravity	1.296
Story3	F17	166	Dead	Gravity	1.296
Story3	F18	176	Dead	Gravity	1.296
Story3	F19	186	Dead	Gravity	1.296
Story3	F20	196	Dead	Gravity	1.296
Story3	F21	206	Dead	Gravity	1.296
Story3	F22	216	Dead	Gravity	1.296
Story3	F23	226	Dead	Gravity	1.296
Story3	F24	236	Dead	Gravity	1.296
Story3	F25	246	Dead	Gravity	1.296
Story3	F28	276	Dead	Gravity	1.296
Story3	F31	306	Dead	Gravity	1.296
Story3	F32	316	Dead	Gravity	1.296
Story3	F33	326	Dead	Gravity	1.296
Story3	F34	336	Dead	Gravity	1.296
Story3	F35	346	Dead	Gravity	1.296
Story3	F36	356	Dead	Gravity	1.296
Story3	F37	366	Dead	Gravity	1.296
Story3	F39	386	Dead	Gravity	1.296
Story3	F40	396	Dead	Gravity	1.296
Story3	F3	22	Dead	Gravity	1.296
Story3	F42	32	Dead	Gravity	1.296
Story3	F47	377	Dead	Gravity	1.296
Story3	F48	400	Dead	Gravity	1.296
Story3	W4	90	Dead	Gravity	2.345
Story3	W7	106	Dead	Gravity	2.345
Story3	W12	133	Dead	Gravity	2.345
Story3	W13	142	Dead	Gravity	2.345
Story2	F1	7	Dead	Gravity	1.296
Story2	F2	17	Dead	Gravity	1.296
Story2	F4	37	Dead	Gravity	1.296
Story2	F5	47	Dead	Gravity	1.296
Story2	F6	57	Dead	Gravity	1.296
Story2	F7	67	Dead	Gravity	1.296
Story2	F8	77	Dead	Gravity	1.296
Story2	F9	87	Dead	Gravity	1.296

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F10	97	Dead	Gravity	1.296
Story2	F13	127	Dead	Gravity	1.296
Story2	F16	157	Dead	Gravity	1.296
Story2	F17	167	Dead	Gravity	1.296
Story2	F18	177	Dead	Gravity	1.296
Story2	F19	187	Dead	Gravity	1.296
Story2	F20	197	Dead	Gravity	1.296
Story2	F21	207	Dead	Gravity	1.296
Story2	F22	217	Dead	Gravity	1.296
Story2	F23	227	Dead	Gravity	1.296
Story2	F24	237	Dead	Gravity	1.296
Story2	F25	247	Dead	Gravity	1.296
Story2	F28	277	Dead	Gravity	1.296
Story2	F31	307	Dead	Gravity	1.296
Story2	F32	317	Dead	Gravity	1.296
Story2	F33	327	Dead	Gravity	1.296
Story2	F34	337	Dead	Gravity	1.296
Story2	F35	347	Dead	Gravity	1.296
Story2	F36	357	Dead	Gravity	1.296
Story2	F37	367	Dead	Gravity	1.296
Story2	F39	387	Dead	Gravity	1.296
Story2	F40	397	Dead	Gravity	1.296
Story2	F3	23	Dead	Gravity	1.296
Story2	F42	39	Dead	Gravity	1.296
Story2	F47	378	Dead	Gravity	1.296
Story2	F48	401	Dead	Gravity	1.296
Story2	W4	92	Dead	Gravity	2.345
Story2	W7	107	Dead	Gravity	2.345
Story2	W12	134	Dead	Gravity	2.345
Story2	W13	143	Dead	Gravity	2.345
Story1	F1	8	Dead	Gravity	1.296
Story1	F2	18	Dead	Gravity	1.296
Story1	F4	38	Dead	Gravity	1.296
Story1	F5	48	Dead	Gravity	1.296
Story1	F6	58	Dead	Gravity	1.296
Story1	F7	68	Dead	Gravity	1.296
Story1	F8	78	Dead	Gravity	1.296
Story1	F9	88	Dead	Gravity	1.296
Story1	F10	98	Dead	Gravity	1.296
Story1	F13	128	Dead	Gravity	1.296
Story1	F16	158	Dead	Gravity	1.296
Story1	F17	168	Dead	Gravity	1.296
Story1	F18	178	Dead	Gravity	1.296
Story1	F19	188	Dead	Gravity	1.296
Story1	F20	198	Dead	Gravity	1.296

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story1	F21	208	Dead	Gravity	1.296
Story1	F22	218	Dead	Gravity	1.296
Story1	F23	228	Dead	Gravity	1.296
Story1	F24	238	Dead	Gravity	1.296
Story1	F25	248	Dead	Gravity	1.296
Story1	F28	278	Dead	Gravity	1.296
Story1	F31	308	Dead	Gravity	1.296
Story1	F32	318	Dead	Gravity	1.296
Story1	F33	328	Dead	Gravity	1.296
Story1	F34	338	Dead	Gravity	1.296
Story1	F35	348	Dead	Gravity	1.296
Story1	F36	358	Dead	Gravity	1.296
Story1	F37	368	Dead	Gravity	1.296
Story1	F39	388	Dead	Gravity	1.296
Story1	F40	398	Dead	Gravity	1.296
Story1	F3	10	Dead	Gravity	1.296
Story1	F42	26	Dead	Gravity	1.296
Story1	F47	379	Dead	Gravity	1.296
Story1	F48	402	Dead	Gravity	1.296
Story1	W4	72	Dead	Gravity	2.345
Story1	W7	100	Dead	Gravity	2.345
Story1	W12	122	Dead	Gravity	2.345
Story1	W13	136	Dead	Gravity	2.345
ground	F1	1	Dead	Gravity	1.296
ground	F2	11	Dead	Gravity	1.296
ground	F4	31	Dead	Gravity	1.296
ground	F5	41	Dead	Gravity	1.296
ground	F6	51	Dead	Gravity	1.296
ground	F7	61	Dead	Gravity	1.296
ground	F8	71	Dead	Gravity	1.296
ground	F9	81	Dead	Gravity	1.296
ground	F10	91	Dead	Gravity	1.296
ground	F11	101	Dead	Gravity	1.296
ground	F12	111	Dead	Gravity	1.296
ground	F13	121	Dead	Gravity	1.296
ground	F15	141	Dead	Gravity	1.296
ground	F16	151	Dead	Gravity	1.296
ground	F17	161	Dead	Gravity	1.296
ground	F18	171	Dead	Gravity	1.296
ground	F19	181	Dead	Gravity	1.296
ground	F20	191	Dead	Gravity	1.296
ground	F21	201	Dead	Gravity	1.296
ground	F22	211	Dead	Gravity	1.296
ground	F23	221	Dead	Gravity	1.296
ground	F24	231	Dead	Gravity	1.296

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
ground	F25	241	Dead	Gravity	1.296
ground	F26	251	Dead	Gravity	1.296
ground	F28	271	Dead	Gravity	1.296
ground	F29	281	Dead	Gravity	1.296
ground	F30	291	Dead	Gravity	1.296
ground	F31	301	Dead	Gravity	1.296
ground	F32	311	Dead	Gravity	1.296
ground	F33	321	Dead	Gravity	1.296
ground	F34	331	Dead	Gravity	1.296
ground	F35	341	Dead	Gravity	1.296
ground	F36	351	Dead	Gravity	1.296
ground	F37	361	Dead	Gravity	1.296
ground	F39	381	Dead	Gravity	1.296
ground	F40	391	Dead	Gravity	1.296
Base	F47	380	Dead	Gravity	1.296
Base	F48	403	Dead	Gravity	1.296
head room	F27	9	Live	Gravity	2
head room	F14	2	Live	Gravity	2
terrace	F1	3	Live	Gravity	2
terrace	F2	13	Live	Gravity	2
terrace	F4	33	Live	Gravity	2
terrace	F5	43	Live	Gravity	2
terrace	F6	53	Live	Gravity	2
terrace	F7	63	Live	Gravity	2
terrace	F8	73	Live	Gravity	2
terrace	F9	83	Live	Gravity	2
terrace	F10	93	Live	Gravity	2
terrace	F13	123	Live	Gravity	2
terrace	F16	153	Live	Gravity	2
terrace	F17	163	Live	Gravity	2
terrace	F18	173	Live	Gravity	2
terrace	F19	183	Live	Gravity	2
terrace	F20	193	Live	Gravity	2
terrace	F21	203	Live	Gravity	2
terrace	F22	213	Live	Gravity	2
terrace	F23	223	Live	Gravity	2
terrace	F24	233	Live	Gravity	2
terrace	F25	243	Live	Gravity	2
terrace	F28	273	Live	Gravity	2
terrace	F31	303	Live	Gravity	2
terrace	F32	313	Live	Gravity	2
terrace	F33	323	Live	Gravity	2
terrace	F34	333	Live	Gravity	2
terrace	F35	343	Live	Gravity	2
terrace	F36	353	Live	Gravity	2

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
terrace	F37	363	Live	Gravity	2
terrace	F39	383	Live	Gravity	2
terrace	F40	393	Live	Gravity	2
terrace	F3	19	Live	Gravity	2
terrace	F42	28	Live	Gravity	2
terrace	F47	374	Live	Gravity	2
terrace	F48	390	Live	Gravity	2
terrace	F50	405	Live	Gravity	2
terrace	F53	404	Live	Gravity	2
Story5	F1	4	Live	Gravity	2
Story5	F2	14	Live	Gravity	2
Story5	F4	34	Live	Gravity	2
Story5	F5	44	Live	Gravity	2
Story5	F6	54	Live	Gravity	2
Story5	F7	64	Live	Gravity	2
Story5	F8	74	Live	Gravity	2
Story5	F9	84	Live	Gravity	2
Story5	F10	94	Live	Gravity	2
Story5	F13	124	Live	Gravity	2
Story5	F16	154	Live	Gravity	2
Story5	F17	164	Live	Gravity	2
Story5	F18	174	Live	Gravity	2
Story5	F19	184	Live	Gravity	2
Story5	F20	194	Live	Gravity	2
Story5	F21	204	Live	Gravity	2
Story5	F22	214	Live	Gravity	2
Story5	F23	224	Live	Gravity	2
Story5	F24	234	Live	Gravity	2
Story5	F25	244	Live	Gravity	2
Story5	F28	274	Live	Gravity	2
Story5	F31	304	Live	Gravity	2
Story5	F32	314	Live	Gravity	2
Story5	F33	324	Live	Gravity	2
Story5	F34	334	Live	Gravity	2
Story5	F35	344	Live	Gravity	2
Story5	F36	354	Live	Gravity	2
Story5	F37	364	Live	Gravity	2
Story5	F39	384	Live	Gravity	2
Story5	F40	394	Live	Gravity	2
Story5	F3	20	Live	Gravity	2
Story5	F42	29	Live	Gravity	2
Story5	F47	375	Live	Gravity	2
Story5	F48	392	Live	Gravity	2
Story4	F1	5	Live	Gravity	2
Story4	F2	15	Live	Gravity	2

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story4	F4	35	Live	Gravity	2
Story4	F5	45	Live	Gravity	2
Story4	F6	55	Live	Gravity	2
Story4	F7	65	Live	Gravity	2
Story4	F8	75	Live	Gravity	2
Story4	F9	85	Live	Gravity	2
Story4	F10	95	Live	Gravity	2
Story4	F13	125	Live	Gravity	2
Story4	F16	155	Live	Gravity	2
Story4	F17	165	Live	Gravity	2
Story4	F18	175	Live	Gravity	2
Story4	F19	185	Live	Gravity	2
Story4	F20	195	Live	Gravity	2
Story4	F21	205	Live	Gravity	2
Story4	F22	215	Live	Gravity	2
Story4	F23	225	Live	Gravity	2
Story4	F24	235	Live	Gravity	2
Story4	F25	245	Live	Gravity	2
Story4	F28	275	Live	Gravity	2
Story4	F31	305	Live	Gravity	2
Story4	F32	315	Live	Gravity	2
Story4	F33	325	Live	Gravity	2
Story4	F34	335	Live	Gravity	2
Story4	F35	345	Live	Gravity	2
Story4	F36	355	Live	Gravity	2
Story4	F37	365	Live	Gravity	2
Story4	F39	385	Live	Gravity	2
Story4	F40	395	Live	Gravity	2
Story4	F3	21	Live	Gravity	2
Story4	F42	30	Live	Gravity	2
Story4	F47	376	Live	Gravity	2
Story4	F48	399	Live	Gravity	2
Story3	F1	6	Live	Gravity	2
Story3	F2	16	Live	Gravity	2
Story3	F4	36	Live	Gravity	2
Story3	F5	46	Live	Gravity	2
Story3	F6	56	Live	Gravity	2
Story3	F7	66	Live	Gravity	2
Story3	F8	76	Live	Gravity	2
Story3	F9	86	Live	Gravity	2
Story3	F10	96	Live	Gravity	2
Story3	F13	126	Live	Gravity	2
Story3	F16	156	Live	Gravity	2
Story3	F17	166	Live	Gravity	2
Story3	F18	176	Live	Gravity	2

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story3	F19	186	Live	Gravity	2
Story3	F20	196	Live	Gravity	2
Story3	F21	206	Live	Gravity	2
Story3	F22	216	Live	Gravity	2
Story3	F23	226	Live	Gravity	2
Story3	F24	236	Live	Gravity	2
Story3	F25	246	Live	Gravity	2
Story3	F28	276	Live	Gravity	2
Story3	F31	306	Live	Gravity	2
Story3	F32	316	Live	Gravity	2
Story3	F33	326	Live	Gravity	2
Story3	F34	336	Live	Gravity	2
Story3	F35	346	Live	Gravity	2
Story3	F36	356	Live	Gravity	2
Story3	F37	366	Live	Gravity	2
Story3	F39	386	Live	Gravity	2
Story3	F40	396	Live	Gravity	2
Story3	F3	22	Live	Gravity	2
Story3	F42	32	Live	Gravity	2
Story3	F47	377	Live	Gravity	2
Story3	F48	400	Live	Gravity	2
Story2	F1	7	Live	Gravity	2
Story2	F2	17	Live	Gravity	2
Story2	F4	37	Live	Gravity	2
Story2	F5	47	Live	Gravity	2
Story2	F6	57	Live	Gravity	2
Story2	F7	67	Live	Gravity	2
Story2	F8	77	Live	Gravity	2
Story2	F9	87	Live	Gravity	2
Story2	F10	97	Live	Gravity	2
Story2	F13	127	Live	Gravity	2
Story2	F16	157	Live	Gravity	2
Story2	F17	167	Live	Gravity	2
Story2	F18	177	Live	Gravity	2
Story2	F19	187	Live	Gravity	2
Story2	F20	197	Live	Gravity	2
Story2	F21	207	Live	Gravity	2
Story2	F22	217	Live	Gravity	2
Story2	F23	227	Live	Gravity	2
Story2	F24	237	Live	Gravity	2
Story2	F25	247	Live	Gravity	2
Story2	F28	277	Live	Gravity	2
Story2	F31	307	Live	Gravity	2
Story2	F32	317	Live	Gravity	2
Story2	F33	327	Live	Gravity	2

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F34	337	Live	Gravity	2
Story2	F35	347	Live	Gravity	2
Story2	F36	357	Live	Gravity	2
Story2	F37	367	Live	Gravity	2
Story2	F39	387	Live	Gravity	2
Story2	F40	397	Live	Gravity	2
Story2	F3	23	Live	Gravity	2
Story2	F42	39	Live	Gravity	2
Story2	F47	378	Live	Gravity	2
Story2	F48	401	Live	Gravity	2
Story1	F1	8	Live	Gravity	2
Story1	F2	18	Live	Gravity	2
Story1	F4	38	Live	Gravity	2
Story1	F5	48	Live	Gravity	2
Story1	F6	58	Live	Gravity	2
Story1	F7	68	Live	Gravity	2
Story1	F8	78	Live	Gravity	2
Story1	F9	88	Live	Gravity	2
Story1	F10	98	Live	Gravity	2
Story1	F13	128	Live	Gravity	2
Story1	F16	158	Live	Gravity	2
Story1	F17	168	Live	Gravity	2
Story1	F18	178	Live	Gravity	2
Story1	F19	188	Live	Gravity	2
Story1	F20	198	Live	Gravity	2
Story1	F21	208	Live	Gravity	2
Story1	F22	218	Live	Gravity	2
Story1	F23	228	Live	Gravity	2
Story1	F24	238	Live	Gravity	2
Story1	F25	248	Live	Gravity	2
Story1	F28	278	Live	Gravity	2
Story1	F31	308	Live	Gravity	2
Story1	F32	318	Live	Gravity	2
Story1	F33	328	Live	Gravity	2
Story1	F34	338	Live	Gravity	2
Story1	F35	348	Live	Gravity	2
Story1	F36	358	Live	Gravity	2
Story1	F37	368	Live	Gravity	2
Story1	F39	388	Live	Gravity	2
Story1	F40	398	Live	Gravity	2
Story1	F3	10	Live	Gravity	2
Story1	F42	26	Live	Gravity	2
Story1	F47	379	Live	Gravity	2
Story1	F48	402	Live	Gravity	2
ground	F1	1	Live	Gravity	2

Table 4.8 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
ground	F2	11	Live	Gravity	2
ground	F4	31	Live	Gravity	2
ground	F5	41	Live	Gravity	2
ground	F6	51	Live	Gravity	2
ground	F7	61	Live	Gravity	2
ground	F8	71	Live	Gravity	2
ground	F9	81	Live	Gravity	2
ground	F10	91	Live	Gravity	2
ground	F11	101	Live	Gravity	2
ground	F12	111	Live	Gravity	2
ground	F13	121	Live	Gravity	2
ground	F15	141	Live	Gravity	2
ground	F16	151	Live	Gravity	2
ground	F17	161	Live	Gravity	2
ground	F18	171	Live	Gravity	2
ground	F19	181	Live	Gravity	2
ground	F20	191	Live	Gravity	2
ground	F21	201	Live	Gravity	2
ground	F22	211	Live	Gravity	2
ground	F23	221	Live	Gravity	2
ground	F24	231	Live	Gravity	2
ground	F25	241	Live	Gravity	2
ground	F26	251	Live	Gravity	2
ground	F28	271	Live	Gravity	2
ground	F29	281	Live	Gravity	2
ground	F30	291	Live	Gravity	2
ground	F31	301	Live	Gravity	2
ground	F32	311	Live	Gravity	2
ground	F33	321	Live	Gravity	2
ground	F34	331	Live	Gravity	2
ground	F35	341	Live	Gravity	2
ground	F36	351	Live	Gravity	2
ground	F37	361	Live	Gravity	2
ground	F39	381	Live	Gravity	2
ground	F40	391	Live	Gravity	2
Base	F47	380	Live	Gravity	2
Base	F48	403	Live	Gravity	2

4.5 Functions

4.5.1 Response Spectrum Functions

Table 4.9 - Functions - Response Spectrum - User Defined

Name	Period sec	Value	Damping Ratio
UnifRS	0	1	0.05
UnifRS	1	1	

4.5.2 Time History Functions**Table 4.10 - Functions - Time History - User Defined**

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

4.6 Load Cases**Table 4.11 - Load Case Definitions - Summary**

Name	Type
Dead	Linear Static
Live	Linear Static
Modal	Modal - Eigen
windx	Linear Static
windy	Linear Static
seismic x	Linear Static
seismic y	Linear Static

4.7 Load Combinations**Table 4.12 - Load Combination Definitions**

Name	Type	Is Auto	Load Name	SF	Notes
0.9DL+1.5EQ+X	Linear Add	No	Dead	0.9	
0.9DL+1.5EQ+X			seismic x	1.5	
0.9DL+1.5EQ-X	Linear Add	No	Dead	0.9	
0.9DL+1.5EQ-X			seismic x	-1.5	
0.9DL+1.5EQY-	Linear Add	No	Dead	0.9	
0.9DL+1.5EQY-			seismic y	-1.5	
0.9DL+1.5EQY+	Linear Add	No	Dead	0.9	
0.9DL+1.5EQY+			seismic y	1.5	
1.2(DL+LL+EQ:+Y)	Linear Add	No	Dead	1.2	
1.2(DL+LL+EQ:+Y)			Live	1.2	
1.2(DL+LL+EQ:+Y)			seismic y	1.2	
1.2(DL+LL+EQ:-Y)	Linear Add	No	Dead	1.2	
1.2(DL+LL+EQ:-Y)			Live	1.2	
1.2(DL+LL+EQ:-Y)			seismic y	-1.2	
1.2(DL+LL+EQ:+X)	Linear Add	No	Dead	1.2	
1.2(DL+LL+EQ:+X)			Live	1.2	

Table 4.12 - Load Combination Definitions (continued)

Name	Type	Is Auto	Load Name	SF	Notes
1.2(DL+LL+EQ;+X)			seismic x	1.2	
1.2(DL+LL+EQ;-X)	Linear Add	No	Dead	1.2	
1.2(DL+LL+EQ;-X)			Live	1.2	
1.2(DL+LL+EQ;-X)			seismic x	-1.2	
1.2(DL+LL+WL;+X)	Linear Add	No	Dead	1.2	
1.2(DL+LL+WL;+X)			Live	1.2	
1.2(DL+LL+WL;+X)			windx	1.2	
1.2(DL+LL+WL;+Y)	Linear Add	No	Dead	1.2	
1.2(DL+LL+WL;+Y)			Live	1.2	
1.2(DL+LL+WL;+Y)			windy	1.2	
1.2(DL+LL+WL;-X)	Linear Add	No	Dead	1.2	
1.2(DL+LL+WL;-X)			Live	1.2	
1.2(DL+LL+WL;-X)			windx	-1.2	
1.2(DL+LL+WL;-Y)	Linear Add	No	Dead	1.2	
1.2(DL+LL+WL;-Y)			Live	1.2	
1.2(DL+LL+WL;-Y)			windy	-1.2	
1.5(DL+EQ;+X)	Linear Add	No	Dead	1.5	
1.5(DL+EQ;+X)			seismic x	1.5	
1.5(DL+EQ;+Y)	Linear Add	No	Dead	1.5	
1.5(DL+EQ;+Y)			seismic y	1.5	
1.5(DL+EQ;-X)	Linear Add	No	Dead	1.5	
1.5(DL+EQ;-X)			seismic x	-1.5	
1.5(DL+EQ;-Y)	Linear Add	No	Dead	1.5	
1.5(DL+EQ;-Y)			seismic y	-1.5	
1.5(DL+LL)	Linear Add	No	Dead	1.5	
1.5(DL+LL)			Live	1.5	
1.5(DL+WL;+X)	Linear Add	No	Dead	1.5	
1.5(DL+WL;+X)			windx	1.5	
1.5(DL+WL;+Y)	Linear Add	No	Dead	1.5	
1.5(DL+WL;+Y)			windy	1.5	
1.5(DL+WL;-X)	Linear Add	No	Dead	1.5	
1.5(DL+WL;-X)			windx	-1.5	
1.5(DL+WL;-Y)	Linear Add	No	Dead	1.5	
1.5(DL+WL;-Y)			windy	-1.5	
DWaiS1	Linear Add	Yes	Dead	1.5	Dead [Strength]
DWaiS2	Linear Add	Yes	Dead	1.5	Dead + Live [Strength]
DWaiS2			Live	1.5	
DWaiS3	Linear Add	Yes	Dead	1.2	Dead + Live + Wind + Snow [Strength]
DWaiS3			Live	1.2	
DWaiS3			windx	1.2	
DWaiS4	Linear Add	Yes	Dead	1.2	Dead + Live - Wind + Snow [Strength]
DWaiS4			Live	1.2	
DWaiS4			windx	-1.2	
DWaiS5	Linear Add	Yes	Dead	1.2	Dead + Live + Wind + Snow [Strength]
DWaiS5			Live	1.2	

Table 4.12 - Load Combination Definitions (continued)

Name	Type	Is Auto	Load Name	SF	Notes
DWals5			windy	1.2	
DWals6	Linear Add	Yes	Dead	1.2	Dead + Live - Wind + Snow [Strength]
DWals6			Live	1.2	
DWals6			windy	-1.2	
DWals7	Linear Add	Yes	Dead	1.5	Dead + Wind [Strength]
DWals7			windx	1.5	
DWals8	Linear Add	Yes	Dead	1.5	Dead - Wind [Strength]
DWals8			windx	-1.5	
DWals9	Linear Add	Yes	Dead	1.5	Dead + Wind [Strength]
DWals9			windy	1.5	
DWals10	Linear Add	Yes	Dead	1.5	Dead - Wind [Strength]
DWals10			windy	-1.5	
DWals11	Linear Add	Yes	Dead	0.9	Dead (min) + Wind [Strength]
DWals11			windx	1.5	
DWals12	Linear Add	Yes	Dead	0.9	Dead (min) - Wind [Strength]
DWals12			windx	-1.5	
DWals13	Linear Add	Yes	Dead	0.9	Dead (min) + Wind [Strength]
DWals13			windy	1.5	
DWals14	Linear Add	Yes	Dead	0.9	Dead (min) - Wind [Strength]
DWals14			windy	-1.5	
DWals15	Linear Add	Yes	Dead	1.2	Dead + Live + Static Earthquake [Strength]
DWals15			Live	1.2	
DWals15			seismic x	1.2	
DWals16	Linear Add	Yes	Dead	1.2	Dead + Live - Static Earthquake [Strength]
DWals16			Live	1.2	
DWals16			seismic x	-1.2	
DWals17	Linear Add	Yes	Dead	1.2	Dead + Live + Static Earthquake [Strength]
DWals17			Live	1.2	
DWals17			seismic y	1.2	
DWals18	Linear Add	Yes	Dead	1.2	Dead + Live - Static Earthquake [Strength]
DWals18			Live	1.2	
DWals18			seismic y	-1.2	
DWals19	Linear Add	Yes	Dead	1.5	Dead + Static Earthquake [Strength]
DWals19			seismic x	1.5	
DWals20	Linear Add	Yes	Dead	1.5	Dead - Static Earthquake [Strength]
DWals20			seismic x	-1.5	
DWals21	Linear Add	Yes	Dead	1.5	Dead + Static Earthquake [Strength]
DWals21			seismic y	1.5	
DWals22	Linear Add	Yes	Dead	1.5	Dead - Static Earthquake [Strength]
DWals22			seismic y	-1.5	
DWals23	Linear Add	Yes	Dead	0.9	Dead (min) + Static Earthquake [Strength]
DWals23			seismic x	1.5	
DWals24	Linear Add	Yes	Dead	0.9	Dead (min) - Static Earthquake [Strength]
DWals24			seismic x	-1.5	
DWals25	Linear Add	Yes	Dead	0.9	Dead (min) + Static Earthquake [Strength]

Table 4.12 - Load Combination Definitions (continued)

Name	Type	Is Auto	Load Name	SF	Notes
DWals25			seismic y	1.5	
DWals26	Linear Add	Yes	Dead	0.9	Dead (min) - Static Earthquake [Strength]
DWals26			seismic y	-1.5	

5 Analysis Results

This chapter provides analysis results.

5.1 Structure Results

Table 5.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m
Dead	LinStatic	-490	-490	91646.4873	1186570.4861	-1613908	-2768.5	0
Live	LinStatic	0	0	10851.792	139988.1168	-190448.9496	0	0
windx	LinStatic	0	244.0243	0	-2550.3774	0	4733.2468	0
windy	LinStatic	176.2288	0	0	0	1536.8776	-2479.0641	0
seismic x	LinStatic	-2625.023	0	0	0	-34132.6504	33862.797	0
seismic y	LinStatic	0	-2625.023	0	34132.6504	0	-46069.1663	0
1.5(DL+LL)	Combination	-735	-735	153747.4189	1989837.9043	-2706536	-4152.75	0
1.5(DL+EQ:+X)	Combination	-4672.5345	-735	137469.7309	1779855.7291	-2472061	46641.4455	0
1.5(DL+EQ:-X)	Combination	3202.5345	-735	137469.7309	1779855.7291	-2369663	-54946.9455	0
1.5(DL+EQ:+Y)	Combination	-735	-4672.5345	137469.7309	1831054.7048	-2420862	-73256.4995	0
1.5(DL+EQ:-Y)	Combination	-735	3202.5345	137469.7309	1728656.7535	-2420862	64950.9995	0
1.5(DL+WL:+X)	Combination	-735	-368.9636	137469.7309	1776030.163	-2420862	2947.1202	0
1.5(DL+WL:-X)	Combination	-735	-1101.0364	137469.7309	1783681.2952	-2420862	-11252.6202	0
1.5(DL+WL:+Y)	Combination	-470.6568	-735	137469.7309	1779855.7291	-2418557	-7871.3462	0
1.5(DL+WL:-Y)	Combination	-999.3432	-735	137469.7309	1779855.7291	-2423168	-434.1538	0
1.2(DL+LL+WL:+X)	Combination	-588	-295.1709	122997.9352	1588809.8706	-2165229	2357.6962	0
1.2(DL+LL+WL:-X)	Combination	-588	-880.8291	122997.9352	1594930.7764	-2165229	-9002.0962	0
1.2(DL+LL+WL:+Y)	Combination	-376.5254	-588	122997.9352	1591870.3235	-2163384	-6297.077	0
1.2(DL+LL+WL:-Y)	Combination	-799.4746	-588	122997.9352	1591870.3235	-2167073	-347.323	0
1.2(DL+LL+EQ:+X)	Combination	-3738.0276	-588	122997.9352	1591870.3235	-2206188	37313.1564	0
1.2(DL+LL+EQ:-X)	Combination	2562.0276	-588	122997.9352	1591870.3235	-2124269	-43957.5564	0
1.2(DL+LL+EQ:+Y)	Combination	-588	-3738.0276	122997.9352	1632829.504	-2165229	-58605.1996	0
1.2(DL+LL+EQ:-Y)	Combination	-588	2562.0276	122997.9352	1550911.143	-2165229	51960.7996	0
0.9DL+1.5EQ+X	Combination	-4378.5345	-441	82481.8386	1067913.4375	-1503716	48302.5455	0
0.9DL+1.5EQ-X	Combination	3496.5345	-441	82481.8386	1067913.4375	-1401318	-53285.8455	0
0.9DL+1.5EQY+	Combination	-441	-4378.5345	82481.8386	1119112.4131	-1452517	-71595.3995	0
0.9DL+1.5EQY-	Combination	-441	3496.5345	82481.8386	1016714.4618	-1452517	66612.0995	0
DWals1	Combination	-735	-735	137469.7309	1779855.7291	-2420862	-4152.75	0
DWals2	Combination	-735	-735	153747.4189	1989837.9043	-2706536	-4152.75	0
DWals3	Combination	-588	-295.1709	122997.9352	1588809.8706	-2165229	2357.6962	0
DWals4	Combination	-588	-880.8291	122997.9352	1594930.7764	-2165229	-9002.0962	0
DWals5	Combination	-376.5254	-588	122997.9352	1591870.3235	-2163384	-6297.077	0
DWals6	Combination	-799.4746	-588	122997.9352	1591870.3235	-2167073	-347.323	0
DWals7	Combination	-735	-368.9636	137469.7309	1776030.163	-2420862	2947.1202	0
DWals8	Combination	-735	-1101.0364	137469.7309	1783681.2952	-2420862	-11252.6202	0
DWals9	Combination	-470.6568	-735	137469.7309	1779855.7291	-2418557	-7871.3462	0
DWals10	Combination	-999.3432	-735	137469.7309	1779855.7291	-2423168	-434.1538	0
DWals11	Combination	-441	-74.9636	82481.8386	1064087.8714	-1452517	4608.2202	0
DWals12	Combination	-441	-807.0364	82481.8386	1071739.0036	-1452517	-9591.5202	0
DWals13	Combination	-176.6568	-441	82481.8386	1067913.4375	-1450212	-6210.2462	0
DWals14	Combination	-705.3432	-441	82481.8386	1067913.4375	-1454823	1226.9462	0

Table 5.1 - Base Reactions (Part 1 of 2, continued)

Table 5.1 - Base Reactions (Part 2 of 2, continued)

[illegible]

5.2 Story Results

Table 5.2 - Story Drifts

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
head room	Dead	LinStatic	X	7.5E-05	39	25.6	11	23
head room	Dead	LinStatic	Y	4.5E-05	16	9.5	14.8	23
head room	Live	LinStatic	X	4E-06	16	9.5	14.8	23
head room	Live	LinStatic	Y	2E-06	23	12.8	20.3	23
head room	windx	LinStatic	X	2E-06	38	25.6	5.5	23
head room	windx	LinStatic	Y	1.5E-05	16	9.5	14.8	23
head room	windy	LinStatic	X	6.6E-05	38	25.6	5.5	23
head room	seismic x	LinStatic	X	0.000285	22	12.8	14.8	23
head room	seismic y	LinStatic	Y	0.000202	17	9.5	20.3	23
head room	1.5(DL+LL)	Combination	X	0.000118	39	25.6	11	23
head room	1.5(DL+LL)	Combination	Y	6.8E-05	16	9.5	14.8	23
head room	1.5(DL+EQ:+X)	Combination	X	0.000535	39	25.6	11	23
head room	1.5(DL+EQ:-X)	Combination	X	0.000389	16	9.5	14.8	23
head room	1.5(DL+EQ:+Y)	Combination	X	0.000125	39	25.6	11	23
head room	1.5(DL+EQ:+Y)	Combination	Y	0.000365	16	9.5	14.8	23
head room	1.5(DL+EQ:-Y)	Combination	X	0.000102	33	22.3	11	23

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
head room	1.5(DL+EQ:-Y)	Combination	Y	0.000313	39	25.6	11	23
head room	1.5(DL+WL:+X)	Combination	X	0.000111	39	25.6	11	23
head room	1.5(DL+WL:+X)	Combination	Y	4.4E-05	16	9.5	14.8	23
head room	1.5(DL+WL:-X)	Combination	X	0.000114	39	25.6	11	23
head room	1.5(DL+WL:-X)	Combination	Y	9E-05	16	9.5	14.8	23
head room	1.5(DL+WL:+Y)	Combination	X	0.000202	39	25.6	11	23
head room	1.5(DL+WL:+Y)	Combination	Y	6.5E-05	16	9.5	14.8	23
head room	1.5(DL+WL:-Y)	Combination	X	9.5E-05	17	9.5	20.3	23
head room	1.5(DL+WL:-Y)	Combination	Y	6.9E-05	16	9.5	14.8	23
head room	1.2(DL+LL+WL:+X)	Combination	X	9.3E-05	39	25.6	11	23
head room	1.2(DL+LL+WL:+X)	Combination	Y	3.6E-05	16	9.5	14.8	23
head room	1.2(DL+LL+WL:-X)	Combination	X	9.6E-05	39	25.6	11	23
head room	1.2(DL+LL+WL:-X)	Combination	Y	7.3E-05	16	9.5	14.8	23
head room	1.2(DL+LL+WL:+Y)	Combination	X	0.000166	39	25.6	11	23
head room	1.2(DL+LL+WL:+Y)	Combination	Y	5.3E-05	16	9.5	14.8	23
head room	1.2(DL+LL+WL:-Y)	Combination	X	7.6E-05	17	9.5	20.3	23
head room	1.2(DL+LL+WL:-Y)	Combination	Y	5.7E-05	16	9.5	14.8	23
head room	1.2(DL+LL+EQ:+X)	Combination	X	0.000433	39	25.6	11	23
head room	1.2(DL+LL+EQ:-X)	Combination	X	0.000316	16	9.5	14.8	23
head room	1.2(DL+LL+EQ:+Y)	Combination	X	0.000105	39	25.6	11	23
head room	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000293	16	9.5	14.8	23
head room	1.2(DL+LL+EQ:-Y)	Combination	X	8.5E-05	33	22.3	11	23
head room	1.2(DL+LL+EQ:-Y)	Combination	Y	0.000251	39	25.6	11	23
head room	0.9DL+1.5EQ+X	Combination	X	0.00049	33	22.3	11	23
head room	0.9DL+1.5EQ-X	Combination	X	0.000403	22	12.8	14.8	23
head room	0.9DL+1.5EQY+	Combination	X	8E-05	39	25.6	11	23
head room	0.9DL+1.5EQY+	Combination	Y	0.000338	16	9.5	14.8	23
head room	0.9DL+1.5EQY-	Combination	X	7E-05	32	22.3	5.5	23
head room	0.9DL+1.5EQY-	Combination	Y	0.000307	39	25.6	11	23
head room	DWalS1	Combination	X	0.000112	39	25.6	11	23
head room	DWalS1	Combination	Y	6.7E-05	16	9.5	14.8	23
head room	DWalS2	Combination	X	0.000118	39	25.6	11	23
head room	DWalS2	Combination	Y	6.8E-05	16	9.5	14.8	23
head room	DWalS3	Combination	X	9.3E-05	39	25.6	11	23
head room	DWalS3	Combination	Y	3.6E-05	16	9.5	14.8	23
head room	DWalS4	Combination	X	9.6E-05	39	25.6	11	23
head room	DWalS4	Combination	Y	7.3E-05	16	9.5	14.8	23
head room	DWalS5	Combination	X	0.000166	39	25.6	11	23
head room	DWalS5	Combination	Y	5.3E-05	16	9.5	14.8	23
head room	DWalS6	Combination	X	7.6E-05	17	9.5	20.3	23
head room	DWalS6	Combination	Y	5.7E-05	16	9.5	14.8	23
head room	DWalS7	Combination	X	0.000111	39	25.6	11	23
head room	DWalS7	Combination	Y	4.4E-05	16	9.5	14.8	23
head room	DWalS8	Combination	X	0.000114	39	25.6	11	23
head room	DWalS8	Combination	Y	9E-05	16	9.5	14.8	23

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
head room	DWals9	Combination	X	0.000202	39	25.6	11	23
head room	DWals9	Combination	Y	6.5E-05	16	9.5	14.8	23
head room	DWals10	Combination	X	9.5E-05	17	9.5	20.3	23
head room	DWals10	Combination	Y	6.9E-05	16	9.5	14.8	23
head room	DWals11	Combination	X	6.6E-05	39	25.6	11	23
head room	DWals11	Combination	Y	1.7E-05	16	9.5	14.8	23
head room	DWals12	Combination	X	6.9E-05	39	25.6	11	23
head room	DWals12	Combination	Y	6.3E-05	16	9.5	14.8	23
head room	DWals13	Combination	X	0.000157	39	25.6	11	23
head room	DWals13	Combination	Y	3.8E-05	16	9.5	14.8	23
head room	DWals14	Combination	X	7E-05	17	9.5	20.3	23
head room	DWals14	Combination	Y	4.3E-05	16	9.5	14.8	23
head room	DWals15	Combination	X	0.000433	39	25.6	11	23
head room	DWals16	Combination	X	0.000316	16	9.5	14.8	23
head room	DWals17	Combination	X	0.000105	39	25.6	11	23
head room	DWals17	Combination	Y	0.000293	16	9.5	14.8	23
head room	DWals18	Combination	X	8.5E-05	33	22.3	11	23
head room	DWals18	Combination	Y	0.000251	39	25.6	11	23
head room	DWals19	Combination	X	0.000535	39	25.6	11	23
head room	DWals20	Combination	X	0.000389	16	9.5	14.8	23
head room	DWals21	Combination	X	0.000125	39	25.6	11	23
head room	DWals21	Combination	Y	0.000365	16	9.5	14.8	23
head room	DWals22	Combination	X	0.000102	33	22.3	11	23
head room	DWals22	Combination	Y	0.000313	39	25.6	11	23
head room	DWals23	Combination	X	0.00049	33	22.3	11	23
head room	DWals24	Combination	X	0.000403	22	12.8	14.8	23
head room	DWals25	Combination	X	8E-05	39	25.6	11	23
head room	DWals25	Combination	Y	0.000338	16	9.5	14.8	23
head room	DWals26	Combination	X	7E-05	32	22.3	5.5	23
head room	DWals26	Combination	Y	0.000307	39	25.6	11	23
terrace	Dead	LinStatic	X	7.7E-05	24	12.8	25.8	20.1
terrace	Dead	LinStatic	Y	5.8E-05	1	0	0	20.1
terrace	Live	LinStatic	X	4E-06	31	22.3	0	20.1
terrace	windx	LinStatic	Y	1.9E-05	51	35.1	11	20.1
terrace	windy	LinStatic	X	1.5E-05	1	0	0	20.1
terrace	seismic x	LinStatic	X	0.000359	52	35.1	14.8	20.1
terrace	seismic y	LinStatic	Y	0.000283	4	0	14.8	20.1
terrace	1.5(DL+LL)	Combination	X	0.000122	24	12.8	25.8	20.1
terrace	1.5(DL+LL)	Combination	Y	9.3E-05	1	0	0	20.1
terrace	1.5(DL+EQ:+X)	Combination	X	0.000648	3	0	11	20.1
terrace	1.5(DL+EQ:-X)	Combination	X	0.000499	52	35.1	14.8	20.1
terrace	1.5(DL+EQ:+Y)	Combination	X	0.000141	6	0	25.8	20.1
terrace	1.5(DL+EQ:+Y)	Combination	Y	0.000497	3	0	11	20.1
terrace	1.5(DL+EQ:-Y)	Combination	X	0.000139	1	0	0	20.1
terrace	1.5(DL+EQ:-Y)	Combination	Y	0.000404	54	35.1	25.8	20.1

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
terrace	1.5(DL+WL:+X)	Combination	X	0.000113	24	12.8	25.8	20.1
terrace	1.5(DL+WL:+X)	Combination	Y	6.2E-05	1	0	0	20.1
terrace	1.5(DL+WL:-X)	Combination	X	0.000118	24	12.8	25.8	20.1
terrace	1.5(DL+WL:-X)	Combination	Y	0.000112	1	0	0	20.1
terrace	1.5(DL+WL:+Y)	Combination	X	9.4E-05	5	0	20.3	20.1
terrace	1.5(DL+WL:+Y)	Combination	Y	8.5E-05	1	0	0	20.1
terrace	1.5(DL+WL:-Y)	Combination	X	0.000137	24	12.8	25.8	20.1
terrace	1.5(DL+WL:-Y)	Combination	Y	9E-05	1	0	0	20.1
terrace	1.2(DL+LL+WL:+X)	Combination	X	9.5E-05	24	12.8	25.8	20.1
terrace	1.2(DL+LL+WL:+X)	Combination	Y	5.4E-05	1	0	0	20.1
terrace	1.2(DL+LL+WL:-X)	Combination	X	9.9E-05	24	12.8	25.8	20.1
terrace	1.2(DL+LL+WL:-X)	Combination	Y	9.5E-05	1	0	0	20.1
terrace	1.2(DL+LL+WL:+Y)	Combination	X	8E-05	5	0	20.3	20.1
terrace	1.2(DL+LL+WL:+Y)	Combination	Y	7.3E-05	1	0	0	20.1
terrace	1.2(DL+LL+WL:-Y)	Combination	X	0.000114	24	12.8	25.8	20.1
terrace	1.2(DL+LL+WL:-Y)	Combination	Y	7.7E-05	1	0	0	20.1
terrace	1.2(DL+LL+EQ:+X)	Combination	X	0.000523	3	0	11	20.1
terrace	1.2(DL+LL+EQ:-X)	Combination	X	0.000404	52	35.1	14.8	20.1
terrace	1.2(DL+LL+EQ:+Y)	Combination	X	0.000118	6	0	25.8	20.1
terrace	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000402	1	0	0	20.1
terrace	1.2(DL+LL+EQ:-Y)	Combination	X	0.000115	1	0	0	20.1
terrace	1.2(DL+LL+EQ:-Y)	Combination	Y	0.000328	54	35.1	25.8	20.1
terrace	0.9DL+1.5EQ+X	Combination	X	0.000604	3	0	11	20.1
terrace	0.9DL+1.5EQ-X	Combination	X	0.000515	52	35.1	14.8	20.1
terrace	0.9DL+1.5EQY+	Combination	Y	0.000468	3	0	11	20.1
terrace	0.9DL+1.5EQY-	Combination	X	0.0001	1	0	0	20.1
terrace	0.9DL+1.5EQY-	Combination	Y	0.00041	52	35.1	14.8	20.1
terrace	DWalS1	Combination	X	0.000116	24	12.8	25.8	20.1
terrace	DWalS1	Combination	Y	8.7E-05	1	0	0	20.1
terrace	DWalS2	Combination	X	0.000122	24	12.8	25.8	20.1
terrace	DWalS2	Combination	Y	9.3E-05	1	0	0	20.1
terrace	DWalS3	Combination	X	9.5E-05	24	12.8	25.8	20.1
terrace	DWalS3	Combination	Y	5.4E-05	1	0	0	20.1
terrace	DWalS4	Combination	X	9.9E-05	24	12.8	25.8	20.1
terrace	DWalS4	Combination	Y	9.5E-05	1	0	0	20.1
terrace	DWalS5	Combination	X	8E-05	5	0	20.3	20.1
terrace	DWalS5	Combination	Y	7.3E-05	1	0	0	20.1
terrace	DWalS6	Combination	X	0.000114	24	12.8	25.8	20.1
terrace	DWalS6	Combination	Y	7.7E-05	1	0	0	20.1
terrace	DWalS7	Combination	X	0.000113	24	12.8	25.8	20.1
terrace	DWalS7	Combination	Y	6.2E-05	1	0	0	20.1
terrace	DWalS8	Combination	X	0.000118	24	12.8	25.8	20.1
terrace	DWalS8	Combination	Y	0.000112	1	0	0	20.1
terrace	DWalS9	Combination	X	9.4E-05	5	0	20.3	20.1
terrace	DWalS9	Combination	Y	8.5E-05	1	0	0	20.1

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
terrace	DWals10	Combination	X	0.000137	24	12.8	25.8	20.1
terrace	DWals10	Combination	Y	9E-05	1	0	0	20.1
terrace	DWals11	Combination	X	6.7E-05	24	12.8	25.8	20.1
terrace	DWals12	Combination	X	7.2E-05	24	12.8	25.8	20.1
terrace	DWals12	Combination	Y	7.8E-05	1	0	0	20.1
terrace	DWals13	Combination	X	4.9E-05	5	0	20.3	20.1
terrace	DWals13	Combination	Y	5E-05	1	0	0	20.1
terrace	DWals14	Combination	X	9.1E-05	24	12.8	25.8	20.1
terrace	DWals14	Combination	Y	5.5E-05	1	0	0	20.1
terrace	DWals15	Combination	X	0.000523	3	0	11	20.1
terrace	DWals16	Combination	X	0.000404	52	35.1	14.8	20.1
terrace	DWals17	Combination	X	0.000118	6	0	25.8	20.1
terrace	DWals17	Combination	Y	0.000402	1	0	0	20.1
terrace	DWals18	Combination	X	0.000115	1	0	0	20.1
terrace	DWals18	Combination	Y	0.000328	54	35.1	25.8	20.1
terrace	DWals19	Combination	X	0.000648	3	0	11	20.1
terrace	DWals20	Combination	X	0.000499	52	35.1	14.8	20.1
terrace	DWals21	Combination	X	0.000141	6	0	25.8	20.1
terrace	DWals21	Combination	Y	0.000497	3	0	11	20.1
terrace	DWals22	Combination	X	0.000139	1	0	0	20.1
terrace	DWals22	Combination	Y	0.000404	54	35.1	25.8	20.1
terrace	DWals23	Combination	X	0.000604	3	0	11	20.1
terrace	DWals24	Combination	X	0.000515	52	35.1	14.8	20.1
terrace	DWals25	Combination	Y	0.000468	3	0	11	20.1
terrace	DWals26	Combination	X	0.0001	1	0	0	20.1
terrace	DWals26	Combination	Y	0.00041	52	35.1	14.8	20.1
Story5	Dead	LinStatic	X	7.9E-05	36	22.3	25.8	16.85
Story5	Dead	LinStatic	Y	5.4E-05	6	0	25.8	16.85
Story5	Live	LinStatic	X	4E-06	19	12.8	0	16.85
Story5	windx	LinStatic	Y	2.1E-05	54	35.1	25.8	16.85
Story5	windy	LinStatic	X	1.6E-05	24	12.8	25.8	16.85
Story5	seismic x	LinStatic	X	0.000395	48	30.35	25.8	16.85
Story5	seismic y	LinStatic	Y	0.000315	20	12.8	5.5	16.85
Story5	1.5(DL+LL)	Combination	X	0.000124	36	22.3	25.8	16.85
Story5	1.5(DL+LL)	Combination	Y	8.6E-05	6	0	25.8	16.85
Story5	1.5(DL+EQ:+X)	Combination	X	0.000699	36	22.3	25.8	16.85
Story5	1.5(DL+EQ:-X)	Combination	X	0.000536	19	12.8	0	16.85
Story5	1.5(DL+EQ:-X)	Combination	Y	8E-05	6	0	25.8	16.85
Story5	1.5(DL+EQ:+Y)	Combination	X	0.000115	36	22.3	25.8	16.85
Story5	1.5(DL+EQ:+Y)	Combination	Y	0.000544	6	0	25.8	16.85
Story5	1.5(DL+EQ:-Y)	Combination	X	0.000121	36	22.3	25.8	16.85
Story5	1.5(DL+EQ:-Y)	Combination	Y	0.000442	37	25.6	0	16.85
Story5	1.5(DL+WL:+X)	Combination	X	0.000118	36	22.3	25.8	16.85
Story5	1.5(DL+WL:+X)	Combination	Y	5.4E-05	6	0	25.8	16.85
Story5	1.5(DL+WL:-X)	Combination	X	0.000117	36	22.3	25.8	16.85

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story5	1.5(DL+WL:-X)	Combination	Y	0.000109	6	0	25.8	16.85
Story5	1.5(DL+WL:+Y)	Combination	X	9.4E-05	36	22.3	25.8	16.85
Story5	1.5(DL+WL:+Y)	Combination	Y	7.7E-05	6	0	25.8	16.85
Story5	1.5(DL+WL:-Y)	Combination	X	0.000141	36	22.3	25.8	16.85
Story5	1.5(DL+WL:-Y)	Combination	Y	8.6E-05	6	0	25.8	16.85
Story5	1.2(DL+LL+WL:+X)	Combination	X	9.9E-05	36	22.3	25.8	16.85
Story5	1.2(DL+LL+WL:+X)	Combination	Y	4.7E-05	6	0	25.8	16.85
Story5	1.2(DL+LL+WL:-X)	Combination	X	9.8E-05	36	22.3	25.8	16.85
Story5	1.2(DL+LL+WL:-X)	Combination	Y	9E-05	6	0	25.8	16.85
Story5	1.2(DL+LL+WL:+Y)	Combination	X	8E-05	36	22.3	25.8	16.85
Story5	1.2(DL+LL+WL:+Y)	Combination	Y	6.5E-05	6	0	25.8	16.85
Story5	1.2(DL+LL+WL:-Y)	Combination	X	0.000117	36	22.3	25.8	16.85
Story5	1.2(DL+LL+WL:-Y)	Combination	Y	7.2E-05	6	0	25.8	16.85
Story5	1.2(DL+LL+EQ:+X)	Combination	X	0.000564	36	22.3	25.8	16.85
Story5	1.2(DL+LL+EQ:-X)	Combination	X	0.000434	19	12.8	0	16.85
Story5	1.2(DL+LL+EQ:-X)	Combination	Y	6.8E-05	6	0	25.8	16.85
Story5	1.2(DL+LL+EQ:+Y)	Combination	X	9.7E-05	36	22.3	25.8	16.85
Story5	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000438	6	0	25.8	16.85
Story5	1.2(DL+LL+EQ:-Y)	Combination	X	0.000101	36	22.3	25.8	16.85
Story5	1.2(DL+LL+EQ:-Y)	Combination	Y	0.000357	37	25.6	0	16.85
Story5	0.9DL+1.5EQ+X	Combination	X	0.000652	36	22.3	25.8	16.85
Story5	0.9DL+1.5EQ-X	Combination	X	0.000554	19	12.8	0	16.85
Story5	0.9DL+1.5EQY+	Combination	Y	0.000512	24	12.8	25.8	16.85
Story5	0.9DL+1.5EQY-	Combination	X	7.4E-05	36	22.3	25.8	16.85
Story5	0.9DL+1.5EQY-	Combination	Y	0.000453	31	22.3	0	16.85
Story5	DWalS1	Combination	X	0.000118	36	22.3	25.8	16.85
Story5	DWalS1	Combination	Y	8.1E-05	6	0	25.8	16.85
Story5	DWalS2	Combination	X	0.000124	36	22.3	25.8	16.85
Story5	DWalS2	Combination	Y	8.6E-05	6	0	25.8	16.85
Story5	DWalS3	Combination	X	9.9E-05	36	22.3	25.8	16.85
Story5	DWalS3	Combination	Y	4.7E-05	6	0	25.8	16.85
Story5	DWalS4	Combination	X	9.8E-05	36	22.3	25.8	16.85
Story5	DWalS4	Combination	Y	9E-05	6	0	25.8	16.85
Story5	DWalS5	Combination	X	8E-05	36	22.3	25.8	16.85
Story5	DWalS5	Combination	Y	6.5E-05	6	0	25.8	16.85
Story5	DWalS6	Combination	X	0.000117	36	22.3	25.8	16.85
Story5	DWalS6	Combination	Y	7.2E-05	6	0	25.8	16.85
Story5	DWalS7	Combination	X	0.000118	36	22.3	25.8	16.85
Story5	DWalS7	Combination	Y	5.4E-05	6	0	25.8	16.85
Story5	DWalS8	Combination	X	0.000117	36	22.3	25.8	16.85
Story5	DWalS8	Combination	Y	0.000109	6	0	25.8	16.85
Story5	DWalS9	Combination	X	9.4E-05	36	22.3	25.8	16.85
Story5	DWalS9	Combination	Y	7.7E-05	6	0	25.8	16.85
Story5	DWalS10	Combination	X	0.000141	36	22.3	25.8	16.85
Story5	DWalS10	Combination	Y	8.6E-05	6	0	25.8	16.85

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story5	DWals11	Combination	X	7.1E-05	36	22.3	25.8	16.85
Story5	DWals12	Combination	X	7E-05	36	22.3	25.8	16.85
Story5	DWals12	Combination	Y	7.6E-05	6	0	25.8	16.85
Story5	DWals13	Combination	X	4.7E-05	36	22.3	25.8	16.85
Story5	DWals13	Combination	Y	4.4E-05	6	0	25.8	16.85
Story5	DWals14	Combination	X	9.4E-05	36	22.3	25.8	16.85
Story5	DWals14	Combination	Y	5.3E-05	6	0	25.8	16.85
Story5	DWals15	Combination	X	0.000564	36	22.3	25.8	16.85
Story5	DWals16	Combination	X	0.000434	19	12.8	0	16.85
Story5	DWals16	Combination	Y	6.8E-05	6	0	25.8	16.85
Story5	DWals17	Combination	X	9.7E-05	36	22.3	25.8	16.85
Story5	DWals17	Combination	Y	0.000438	6	0	25.8	16.85
Story5	DWals18	Combination	X	0.000101	36	22.3	25.8	16.85
Story5	DWals18	Combination	Y	0.000357	37	25.6	0	16.85
Story5	DWals19	Combination	X	0.000699	36	22.3	25.8	16.85
Story5	DWals20	Combination	X	0.000536	19	12.8	0	16.85
Story5	DWals20	Combination	Y	8E-05	6	0	25.8	16.85
Story5	DWals21	Combination	X	0.000115	36	22.3	25.8	16.85
Story5	DWals21	Combination	Y	0.000544	6	0	25.8	16.85
Story5	DWals22	Combination	X	0.000121	36	22.3	25.8	16.85
Story5	DWals22	Combination	Y	0.000442	37	25.6	0	16.85
Story5	DWals23	Combination	X	0.000652	36	22.3	25.8	16.85
Story5	DWals24	Combination	X	0.000554	19	12.8	0	16.85
Story5	DWals25	Combination	Y	0.000512	24	12.8	25.8	16.85
Story5	DWals26	Combination	X	7.4E-05	36	22.3	25.8	16.85
Story5	DWals26	Combination	Y	0.000453	31	22.3	0	16.85
Story4	Dead	LinStatic	X	6.8E-05	24	12.8	25.8	13.6
Story4	Dead	LinStatic	Y	5.2E-05	1	0	0	13.6
Story4	Live	LinStatic	X	2E-06	31	22.3	0	13.6
Story4	windx	LinStatic	Y	2.4E-05	54	35.1	25.8	13.6
Story4	windy	LinStatic	X	1.8E-05	54	35.1	25.8	13.6
Story4	seismic x	LinStatic	X	0.000404	54	35.1	25.8	13.6
Story4	seismic y	LinStatic	Y	0.000346	19	12.8	0	13.6
Story4	1.5(DL+LL)	Combination	X	0.000106	24	12.8	25.8	13.6
Story4	1.5(DL+LL)	Combination	Y	8.1E-05	3	0	11	13.6
Story4	1.5(DL+EQ:+X)	Combination	X	0.000702	42	25.6	25.8	13.6
Story4	1.5(DL+EQ:-X)	Combination	X	0.000533	31	22.3	0	13.6
Story4	1.5(DL+EQ:-X)	Combination	Y	8.1E-05	1	0	0	13.6
Story4	1.5(DL+EQ:+Y)	Combination	X	0.00014	42	25.6	25.8	13.6
Story4	1.5(DL+EQ:+Y)	Combination	Y	0.000585	19	12.8	0	13.6
Story4	1.5(DL+EQ:-Y)	Combination	X	0.000137	6	0	25.8	13.6
Story4	1.5(DL+EQ:-Y)	Combination	Y	0.000469	36	22.3	25.8	13.6
Story4	1.5(DL+WL:+X)	Combination	X	0.000105	24	12.8	25.8	13.6
Story4	1.5(DL+WL:+X)	Combination	Y	4.8E-05	1	0	0	13.6
Story4	1.5(DL+WL:-X)	Combination	X	0.0001	24	12.8	25.8	13.6

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story4	1.5(DL+WL:-X)	Combination	Y	0.000107	3	0	11	13.6
Story4	1.5(DL+WL:+Y)	Combination	X	7.8E-05	24	12.8	25.8	13.6
Story4	1.5(DL+WL:+Y)	Combination	Y	7.4E-05	3	0	11	13.6
Story4	1.5(DL+WL:-Y)	Combination	X	0.000127	24	12.8	25.8	13.6
Story4	1.5(DL+WL:-Y)	Combination	Y	8.2E-05	1	0	0	13.6
Story4	1.2(DL+LL+WL:+X)	Combination	X	8.6E-05	24	12.8	25.8	13.6
Story4	1.2(DL+LL+WL:+X)	Combination	Y	4.2E-05	1	0	0	13.6
Story4	1.2(DL+LL+WL:-X)	Combination	X	8.3E-05	24	12.8	25.8	13.6
Story4	1.2(DL+LL+WL:-X)	Combination	Y	8.9E-05	3	0	11	13.6
Story4	1.2(DL+LL+WL:+Y)	Combination	X	6.5E-05	24	12.8	25.8	13.6
Story4	1.2(DL+LL+WL:+Y)	Combination	Y	6.2E-05	3	0	11	13.6
Story4	1.2(DL+LL+WL:-Y)	Combination	X	0.000104	24	12.8	25.8	13.6
Story4	1.2(DL+LL+WL:-Y)	Combination	Y	6.8E-05	1	0	0	13.6
Story4	1.2(DL+LL+EQ:+X)	Combination	X	0.000563	24	12.8	25.8	13.6
Story4	1.2(DL+LL+EQ:-X)	Combination	X	0.000429	31	22.3	0	13.6
Story4	1.2(DL+LL+EQ:-X)	Combination	Y	6.7E-05	1	0	0	13.6
Story4	1.2(DL+LL+EQ:+Y)	Combination	X	0.000113	42	25.6	25.8	13.6
Story4	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000469	19	12.8	0	13.6
Story4	1.2(DL+LL+EQ:-Y)	Combination	X	0.000112	6	0	25.8	13.6
Story4	1.2(DL+LL+EQ:-Y)	Combination	Y	0.000376	36	22.3	25.8	13.6
Story4	0.9DL+1.5EQ+X	Combination	X	0.000663	42	25.6	25.8	13.6
Story4	0.9DL+1.5EQ-X	Combination	X	0.00056	13	9.5	0	13.6
Story4	0.9DL+1.5EQY+	Combination	Y	0.000559	19	12.8	0	13.6
Story4	0.9DL+1.5EQY-	Combination	X	9.8E-05	6	0	25.8	13.6
Story4	0.9DL+1.5EQY-	Combination	Y	0.000489	36	22.3	25.8	13.6
Story4	DWalS1	Combination	X	0.000102	24	12.8	25.8	13.6
Story4	DWalS1	Combination	Y	7.8E-05	1	0	0	13.6
Story4	DWalS2	Combination	X	0.000106	24	12.8	25.8	13.6
Story4	DWalS2	Combination	Y	8.1E-05	3	0	11	13.6
Story4	DWalS3	Combination	X	8.6E-05	24	12.8	25.8	13.6
Story4	DWalS3	Combination	Y	4.2E-05	1	0	0	13.6
Story4	DWalS4	Combination	X	8.3E-05	24	12.8	25.8	13.6
Story4	DWalS4	Combination	Y	8.9E-05	3	0	11	13.6
Story4	DWalS5	Combination	X	6.5E-05	24	12.8	25.8	13.6
Story4	DWalS5	Combination	Y	6.2E-05	3	0	11	13.6
Story4	DWalS6	Combination	X	0.000104	24	12.8	25.8	13.6
Story4	DWalS6	Combination	Y	6.8E-05	1	0	0	13.6
Story4	DWalS7	Combination	X	0.000105	24	12.8	25.8	13.6
Story4	DWalS7	Combination	Y	4.8E-05	1	0	0	13.6
Story4	DWalS8	Combination	X	0.0001	24	12.8	25.8	13.6
Story4	DWalS8	Combination	Y	0.000107	3	0	11	13.6
Story4	DWalS9	Combination	X	7.8E-05	24	12.8	25.8	13.6
Story4	DWalS9	Combination	Y	7.4E-05	3	0	11	13.6
Story4	DWalS10	Combination	X	0.000127	24	12.8	25.8	13.6
Story4	DWalS10	Combination	Y	8.2E-05	1	0	0	13.6

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story4	DWals11	Combination	X	6.4E-05	24	12.8	25.8	13.6
Story4	DWals12	Combination	X	5.9E-05	24	12.8	25.8	13.6
Story4	DWals12	Combination	Y	7.6E-05	3	0	11	13.6
Story4	DWals13	Combination	X	3.7E-05	24	12.8	25.8	13.6
Story4	DWals13	Combination	Y	4.3E-05	3	0	11	13.6
Story4	DWals14	Combination	X	8.6E-05	24	12.8	25.8	13.6
Story4	DWals14	Combination	Y	5.1E-05	1	0	0	13.6
Story4	DWals15	Combination	X	0.000563	24	12.8	25.8	13.6
Story4	DWals16	Combination	X	0.000429	31	22.3	0	13.6
Story4	DWals16	Combination	Y	6.7E-05	1	0	0	13.6
Story4	DWals17	Combination	X	0.000113	42	25.6	25.8	13.6
Story4	DWals17	Combination	Y	0.000469	19	12.8	0	13.6
Story4	DWals18	Combination	X	0.000112	6	0	25.8	13.6
Story4	DWals18	Combination	Y	0.000376	36	22.3	25.8	13.6
Story4	DWals19	Combination	X	0.000702	42	25.6	25.8	13.6
Story4	DWals20	Combination	X	0.000533	31	22.3	0	13.6
Story4	DWals20	Combination	Y	8.1E-05	1	0	0	13.6
Story4	DWals21	Combination	X	0.00014	42	25.6	25.8	13.6
Story4	DWals21	Combination	Y	0.000585	19	12.8	0	13.6
Story4	DWals22	Combination	X	0.000137	6	0	25.8	13.6
Story4	DWals22	Combination	Y	0.000469	36	22.3	25.8	13.6
Story4	DWals23	Combination	X	0.000663	42	25.6	25.8	13.6
Story4	DWals24	Combination	X	0.00056	13	9.5	0	13.6
Story4	DWals25	Combination	Y	0.000559	19	12.8	0	13.6
Story4	DWals26	Combination	X	9.8E-05	6	0	25.8	13.6
Story4	DWals26	Combination	Y	0.000489	36	22.3	25.8	13.6
Story3	Dead	LinStatic	X	7.1E-05	54	35.1	25.8	10.35
Story3	Dead	LinStatic	Y	5E-05	3	0	11	10.35
Story3	Live	LinStatic	X	2E-06	1	0	0	10.35
Story3	windx	LinStatic	Y	2.5E-05	35	22.3	20.3	10.35
Story3	windy	LinStatic	X	2E-05	42	25.6	25.8	10.35
Story3	seismic x	LinStatic	X	0.000381	43	30.35	0	10.35
Story3	seismic y	LinStatic	Y	0.000351	20	12.8	5.5	10.35
Story3	1.5(DL+LL)	Combination	X	0.000108	54	35.1	25.8	10.35
Story3	1.5(DL+LL)	Combination	Y	7.8E-05	3	0	11	10.35
Story3	1.5(DL+EQ:+X)	Combination	X	0.000678	54	35.1	25.8	10.35
Story3	1.5(DL+EQ:-X)	Combination	X	0.000508	37	25.6	0	10.35
Story3	1.5(DL+EQ:-X)	Combination	Y	7.8E-05	3	0	11	10.35
Story3	1.5(DL+EQ:+Y)	Combination	X	0.000179	54	35.1	25.8	10.35
Story3	1.5(DL+EQ:+Y)	Combination	Y	0.000595	20	12.8	5.5	10.35
Story3	1.5(DL+EQ:-Y)	Combination	X	0.000149	18	9.5	25.8	10.35
Story3	1.5(DL+EQ:-Y)	Combination	Y	0.000465	35	22.3	20.3	10.35
Story3	1.5(DL+WL:+X)	Combination	X	0.000103	54	35.1	25.8	10.35
Story3	1.5(DL+WL:+X)	Combination	Y	4.5E-05	3	0	11	10.35
Story3	1.5(DL+WL:-X)	Combination	X	0.000108	54	35.1	25.8	10.35

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story3	1.5(DL+WL:-X)	Combination	Y	0.000105	3	0	11	10.35
Story3	1.5(DL+WL:+Y)	Combination	X	7.6E-05	54	35.1	25.8	10.35
Story3	1.5(DL+WL:+Y)	Combination	Y	7.2E-05	3	0	11	10.35
Story3	1.5(DL+WL:-Y)	Combination	X	0.000136	54	35.1	25.8	10.35
Story3	1.5(DL+WL:-Y)	Combination	Y	7.8E-05	3	0	11	10.35
Story3	1.2(DL+LL+WL:+X)	Combination	X	8.4E-05	54	35.1	25.8	10.35
Story3	1.2(DL+LL+WL:+X)	Combination	Y	3.8E-05	3	0	11	10.35
Story3	1.2(DL+LL+WL:-X)	Combination	X	8.9E-05	54	35.1	25.8	10.35
Story3	1.2(DL+LL+WL:-X)	Combination	Y	8.7E-05	3	0	11	10.35
Story3	1.2(DL+LL+WL:+Y)	Combination	X	6.2E-05	54	35.1	25.8	10.35
Story3	1.2(DL+LL+WL:+Y)	Combination	Y	6E-05	3	0	11	10.35
Story3	1.2(DL+LL+WL:-Y)	Combination	X	0.000111	54	35.1	25.8	10.35
Story3	1.2(DL+LL+WL:-Y)	Combination	Y	6.5E-05	3	0	11	10.35
Story3	1.2(DL+LL+EQ:+X)	Combination	X	0.000544	54	35.1	25.8	10.35
Story3	1.2(DL+LL+EQ:-X)	Combination	X	0.000408	37	25.6	0	10.35
Story3	1.2(DL+LL+EQ:-X)	Combination	Y	6.5E-05	3	0	11	10.35
Story3	1.2(DL+LL+EQ:+Y)	Combination	X	0.000145	54	35.1	25.8	10.35
Story3	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000476	20	12.8	5.5	10.35
Story3	1.2(DL+LL+EQ:-Y)	Combination	X	0.000121	18	9.5	25.8	10.35
Story3	1.2(DL+LL+EQ:-Y)	Combination	Y	0.000373	35	22.3	20.3	10.35
Story3	0.9DL+1.5EQ+X	Combination	X	0.000635	54	35.1	25.8	10.35
Story3	0.9DL+1.5EQ-X	Combination	X	0.000533	37	25.6	0	10.35
Story3	0.9DL+1.5EQY+	Combination	X	0.000137	54	35.1	25.8	10.35
Story3	0.9DL+1.5EQY+	Combination	Y	0.000567	20	12.8	5.5	10.35
Story3	0.9DL+1.5EQY-	Combination	Y	0.000489	35	22.3	20.3	10.35
Story3	DWalS1	Combination	X	0.000106	54	35.1	25.8	10.35
Story3	DWalS1	Combination	Y	7.5E-05	3	0	11	10.35
Story3	DWalS2	Combination	X	0.000108	54	35.1	25.8	10.35
Story3	DWalS2	Combination	Y	7.8E-05	3	0	11	10.35
Story3	DWalS3	Combination	X	8.4E-05	54	35.1	25.8	10.35
Story3	DWalS3	Combination	Y	3.8E-05	3	0	11	10.35
Story3	DWalS4	Combination	X	8.9E-05	54	35.1	25.8	10.35
Story3	DWalS4	Combination	Y	8.7E-05	3	0	11	10.35
Story3	DWalS5	Combination	X	6.2E-05	54	35.1	25.8	10.35
Story3	DWalS5	Combination	Y	6E-05	3	0	11	10.35
Story3	DWalS6	Combination	X	0.000111	54	35.1	25.8	10.35
Story3	DWalS6	Combination	Y	6.5E-05	3	0	11	10.35
Story3	DWalS7	Combination	X	0.000103	54	35.1	25.8	10.35
Story3	DWalS7	Combination	Y	4.5E-05	3	0	11	10.35
Story3	DWalS8	Combination	X	0.000108	54	35.1	25.8	10.35
Story3	DWalS8	Combination	Y	0.000105	3	0	11	10.35
Story3	DWalS9	Combination	X	7.6E-05	54	35.1	25.8	10.35
Story3	DWalS9	Combination	Y	7.2E-05	3	0	11	10.35
Story3	DWalS10	Combination	X	0.000136	54	35.1	25.8	10.35
Story3	DWalS10	Combination	Y	7.8E-05	3	0	11	10.35

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story3	DWals11	Combination	X	6.1E-05	54	35.1	25.8	10.35
Story3	DWals12	Combination	X	6.6E-05	54	35.1	25.8	10.35
Story3	DWals12	Combination	Y	7.8E-05	20	12.8	5.5	10.35
Story3	DWals13	Combination	X	3.3E-05	54	35.1	25.8	10.35
Story3	DWals13	Combination	Y	4.2E-05	3	0	11	10.35
Story3	DWals14	Combination	X	9.4E-05	54	35.1	25.8	10.35
Story3	DWals14	Combination	Y	4.8E-05	3	0	11	10.35
Story3	DWals15	Combination	X	0.000544	54	35.1	25.8	10.35
Story3	DWals16	Combination	X	0.000408	37	25.6	0	10.35
Story3	DWals16	Combination	Y	6.5E-05	3	0	11	10.35
Story3	DWals17	Combination	X	0.000145	54	35.1	25.8	10.35
Story3	DWals17	Combination	Y	0.000476	20	12.8	5.5	10.35
Story3	DWals18	Combination	X	0.000121	18	9.5	25.8	10.35
Story3	DWals18	Combination	Y	0.000373	35	22.3	20.3	10.35
Story3	DWals19	Combination	X	0.000678	54	35.1	25.8	10.35
Story3	DWals20	Combination	X	0.000508	37	25.6	0	10.35
Story3	DWals20	Combination	Y	7.8E-05	3	0	11	10.35
Story3	DWals21	Combination	X	0.000179	54	35.1	25.8	10.35
Story3	DWals21	Combination	Y	0.000595	20	12.8	5.5	10.35
Story3	DWals22	Combination	X	0.000149	18	9.5	25.8	10.35
Story3	DWals22	Combination	Y	0.000465	35	22.3	20.3	10.35
Story3	DWals23	Combination	X	0.000635	54	35.1	25.8	10.35
Story3	DWals24	Combination	X	0.000533	37	25.6	0	10.35
Story3	DWals25	Combination	X	0.000137	54	35.1	25.8	10.35
Story3	DWals25	Combination	Y	0.000567	20	12.8	5.5	10.35
Story3	DWals26	Combination	Y	0.000489	35	22.3	20.3	10.35
Story2	Dead	LinStatic	X	7.2E-05	42	25.6	25.8	7.1
Story2	Dead	LinStatic	Y	4.7E-05	19	12.8	0	7.1
Story2	Live	LinStatic	X	2E-06	13	9.5	0	7.1
Story2	Live	LinStatic	Y	2E-06	54	35.1	25.8	7.1
Story2	windx	LinStatic	Y	2.8E-05	36	22.3	25.8	7.1
Story2	windy	LinStatic	X	2.4E-05	42	25.6	25.8	7.1
Story2	seismic x	LinStatic	X	0.000331	37	25.6	0	7.1
Story2	seismic y	LinStatic	Y	0.000332	19	12.8	0	7.1
Story2	1.5(DL+LL)	Combination	X	0.00011	42	25.6	25.8	7.1
Story2	1.5(DL+LL)	Combination	Y	7.1E-05	7	4.75	0	7.1
Story2	1.5(DL+EQ:+X)	Combination	X	0.000586	42	25.6	25.8	7.1
Story2	1.5(DL+EQ:-X)	Combination	X	0.000443	49	35.1	0	7.1
Story2	1.5(DL+EQ:-X)	Combination	Y	8.1E-05	19	12.8	0	7.1
Story2	1.5(DL+EQ:+Y)	Combination	X	0.000211	42	25.6	25.8	7.1
Story2	1.5(DL+EQ:+Y)	Combination	Y	0.000568	19	12.8	0	7.1
Story2	1.5(DL+EQ:-Y)	Combination	X	0.000153	6	0	25.8	7.1
Story2	1.5(DL+EQ:-Y)	Combination	Y	0.000433	36	22.3	25.8	7.1
Story2	1.5(DL+WL:+X)	Combination	X	9.9E-05	42	25.6	25.8	7.1
Story2	1.5(DL+WL:+X)	Combination	Y	4E-05	1	0	0	7.1

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story2	1.5(DL+WL:-X)	Combination	X	0.000116	42	25.6	25.8	7.1
Story2	1.5(DL+WL:-X)	Combination	Y	0.00011	19	12.8	0	7.1
Story2	1.5(DL+WL:+Y)	Combination	X	7.2E-05	42	25.6	25.8	7.1
Story2	1.5(DL+WL:+Y)	Combination	Y	7.2E-05	19	12.8	0	7.1
Story2	1.5(DL+WL:-Y)	Combination	X	0.000143	42	25.6	25.8	7.1
Story2	1.5(DL+WL:-Y)	Combination	Y	7.2E-05	1	0	0	7.1
Story2	1.2(DL+LL+WL:+X)	Combination	X	8.1E-05	42	25.6	25.8	7.1
Story2	1.2(DL+LL+WL:+X)	Combination	Y	3.4E-05	1	0	0	7.1
Story2	1.2(DL+LL+WL:-X)	Combination	X	9.5E-05	42	25.6	25.8	7.1
Story2	1.2(DL+LL+WL:-X)	Combination	Y	8.9E-05	19	12.8	0	7.1
Story2	1.2(DL+LL+WL:+Y)	Combination	X	6E-05	42	25.6	25.8	7.1
Story2	1.2(DL+LL+WL:+Y)	Combination	Y	5.8E-05	13	9.5	0	7.1
Story2	1.2(DL+LL+WL:-Y)	Combination	X	0.000117	42	25.6	25.8	7.1
Story2	1.2(DL+LL+WL:-Y)	Combination	Y	5.9E-05	1	0	0	7.1
Story2	1.2(DL+LL+EQ:+X)	Combination	X	0.000472	42	25.6	25.8	7.1
Story2	1.2(DL+LL+EQ:-X)	Combination	X	0.000355	49	35.1	0	7.1
Story2	1.2(DL+LL+EQ:-X)	Combination	Y	6.6E-05	19	12.8	0	7.1
Story2	1.2(DL+LL+EQ:+Y)	Combination	X	0.000171	42	25.6	25.8	7.1
Story2	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000455	19	12.8	0	7.1
Story2	1.2(DL+LL+EQ:-Y)	Combination	X	0.000123	6	0	25.8	7.1
Story2	1.2(DL+LL+EQ:-Y)	Combination	Y	0.000347	36	22.3	25.8	7.1
Story2	0.9DL+1.5EQ+X	Combination	X	0.000544	42	25.6	25.8	7.1
Story2	0.9DL+1.5EQ-X	Combination	X	0.000464	49	35.1	0	7.1
Story2	0.9DL+1.5EQY+	Combination	X	0.000168	42	25.6	25.8	7.1
Story2	0.9DL+1.5EQY+	Combination	Y	0.00054	19	12.8	0	7.1
Story2	0.9DL+1.5EQY-	Combination	Y	0.000459	36	22.3	25.8	7.1
Story2	DWalS1	Combination	X	0.000107	42	25.6	25.8	7.1
Story2	DWalS1	Combination	Y	7.1E-05	19	12.8	0	7.1
Story2	DWalS2	Combination	X	0.00011	42	25.6	25.8	7.1
Story2	DWalS2	Combination	Y	7.1E-05	7	4.75	0	7.1
Story2	DWalS3	Combination	X	8.1E-05	42	25.6	25.8	7.1
Story2	DWalS3	Combination	Y	3.4E-05	1	0	0	7.1
Story2	DWalS4	Combination	X	9.5E-05	42	25.6	25.8	7.1
Story2	DWalS4	Combination	Y	8.9E-05	19	12.8	0	7.1
Story2	DWalS5	Combination	X	6E-05	42	25.6	25.8	7.1
Story2	DWalS5	Combination	Y	5.8E-05	13	9.5	0	7.1
Story2	DWalS6	Combination	X	0.000117	42	25.6	25.8	7.1
Story2	DWalS6	Combination	Y	5.9E-05	1	0	0	7.1
Story2	DWalS7	Combination	X	9.9E-05	42	25.6	25.8	7.1
Story2	DWalS7	Combination	Y	4E-05	1	0	0	7.1
Story2	DWalS8	Combination	X	0.000116	42	25.6	25.8	7.1
Story2	DWalS8	Combination	Y	0.00011	19	12.8	0	7.1
Story2	DWalS9	Combination	X	7.2E-05	42	25.6	25.8	7.1
Story2	DWalS9	Combination	Y	7.2E-05	19	12.8	0	7.1
Story2	DWalS10	Combination	X	0.000143	42	25.6	25.8	7.1

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story2	DWals10	Combination	Y	7.2E-05	1	0	0	7.1
Story2	DWals11	Combination	X	5.6E-05	42	25.6	25.8	7.1
Story2	DWals12	Combination	X	7.3E-05	42	25.6	25.8	7.1
Story2	DWals12	Combination	Y	8.2E-05	19	12.8	0	7.1
Story2	DWals13	Combination	X	3E-05	1	0	0	7.1
Story2	DWals13	Combination	Y	4.4E-05	13	9.5	0	7.1
Story2	DWals14	Combination	X	0.0001	42	25.6	25.8	7.1
Story2	DWals14	Combination	Y	4.4E-05	1	0	0	7.1
Story2	DWals15	Combination	X	0.000472	42	25.6	25.8	7.1
Story2	DWals16	Combination	X	0.000355	49	35.1	0	7.1
Story2	DWals16	Combination	Y	6.6E-05	19	12.8	0	7.1
Story2	DWals17	Combination	X	0.000171	42	25.6	25.8	7.1
Story2	DWals17	Combination	Y	0.000455	19	12.8	0	7.1
Story2	DWals18	Combination	X	0.000123	6	0	25.8	7.1
Story2	DWals18	Combination	Y	0.000347	36	22.3	25.8	7.1
Story2	DWals19	Combination	X	0.000586	42	25.6	25.8	7.1
Story2	DWals20	Combination	X	0.000443	49	35.1	0	7.1
Story2	DWals20	Combination	Y	8.1E-05	19	12.8	0	7.1
Story2	DWals21	Combination	X	0.000211	42	25.6	25.8	7.1
Story2	DWals21	Combination	Y	0.000568	19	12.8	0	7.1
Story2	DWals22	Combination	X	0.000153	6	0	25.8	7.1
Story2	DWals22	Combination	Y	0.000433	36	22.3	25.8	7.1
Story2	DWals23	Combination	X	0.000544	42	25.6	25.8	7.1
Story2	DWals24	Combination	X	0.000464	49	35.1	0	7.1
Story2	DWals25	Combination	X	0.000168	42	25.6	25.8	7.1
Story2	DWals25	Combination	Y	0.00054	19	12.8	0	7.1
Story2	DWals26	Combination	Y	0.000459	36	22.3	25.8	7.1
Story1	Dead	LinStatic	X	4.5E-05	54	35.1	25.8	3.85
Story1	Dead	LinStatic	Y	4.3E-05	24	12.8	25.8	3.85
Story1	Live	LinStatic	X	1E-06	37	25.6	0	3.85
Story1	windx	LinStatic	Y	2.5E-05	36	22.3	25.8	3.85
Story1	windy	LinStatic	X	2.6E-05	54	35.1	25.8	3.85
Story1	seismic x	LinStatic	X	0.000214	36	22.3	25.8	3.85
Story1	seismic y	LinStatic	Y	0.000241	19	12.8	0	3.85
Story1	1.5(DL+LL)	Combination	X	6.9E-05	54	35.1	25.8	3.85
Story1	1.5(DL+LL)	Combination	Y	6.7E-05	24	12.8	25.8	3.85
Story1	1.5(DL+EQ:+X)	Combination	X	0.000381	36	22.3	25.8	3.85
Story1	1.5(DL+EQ:+X)	Combination	Y	5.9E-05	6	0	25.8	3.85
Story1	1.5(DL+EQ:-X)	Combination	X	0.000292	37	25.6	0	3.85
Story1	1.5(DL+EQ:-X)	Combination	Y	7.6E-05	36	22.3	25.8	3.85
Story1	1.5(DL+EQ:+Y)	Combination	X	0.00015	54	35.1	25.8	3.85
Story1	1.5(DL+EQ:+Y)	Combination	Y	0.000419	24	12.8	25.8	3.85
Story1	1.5(DL+EQ:-Y)	Combination	X	0.000119	18	9.5	25.8	3.85
Story1	1.5(DL+EQ:-Y)	Combination	Y	0.000311	19	12.8	0	3.85
Story1	1.5(DL+WL:+X)	Combination	X	6.5E-05	36	22.3	25.8	3.85

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story1	1.5(DL+WL:+X)	Combination	Y	3.4E-05	6	0	25.8	3.85
Story1	1.5(DL+WL:-X)	Combination	X	7.6E-05	54	35.1	25.8	3.85
Story1	1.5(DL+WL:-X)	Combination	Y	0.0001	24	12.8	25.8	3.85
Story1	1.5(DL+WL:+Y)	Combination	X	6.4E-05	13	9.5	0	3.85
Story1	1.5(DL+WL:+Y)	Combination	Y	6.7E-05	24	12.8	25.8	3.85
Story1	1.5(DL+WL:-Y)	Combination	X	0.000107	54	35.1	25.8	3.85
Story1	1.5(DL+WL:-Y)	Combination	Y	6.3E-05	24	12.8	25.8	3.85
Story1	1.2(DL+LL+WL:+X)	Combination	X	5.4E-05	36	22.3	25.8	3.85
Story1	1.2(DL+LL+WL:+X)	Combination	Y	2.9E-05	6	0	25.8	3.85
Story1	1.2(DL+LL+WL:-X)	Combination	X	6.2E-05	54	35.1	25.8	3.85
Story1	1.2(DL+LL+WL:-X)	Combination	Y	8.1E-05	24	12.8	25.8	3.85
Story1	1.2(DL+LL+WL:+Y)	Combination	X	5.1E-05	13	9.5	0	3.85
Story1	1.2(DL+LL+WL:+Y)	Combination	Y	5.5E-05	24	12.8	25.8	3.85
Story1	1.2(DL+LL+WL:-Y)	Combination	X	8.6E-05	54	35.1	25.8	3.85
Story1	1.2(DL+LL+WL:-Y)	Combination	Y	5.2E-05	24	12.8	25.8	3.85
Story1	1.2(DL+LL+EQ:+X)	Combination	X	0.000306	36	22.3	25.8	3.85
Story1	1.2(DL+LL+EQ:+X)	Combination	Y	4.9E-05	6	0	25.8	3.85
Story1	1.2(DL+LL+EQ:-X)	Combination	X	0.000235	37	25.6	0	3.85
Story1	1.2(DL+LL+EQ:-X)	Combination	Y	6.2E-05	30	17.55	25.8	3.85
Story1	1.2(DL+LL+EQ:+Y)	Combination	X	0.000121	54	35.1	25.8	3.85
Story1	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000337	24	12.8	25.8	3.85
Story1	1.2(DL+LL+EQ:-Y)	Combination	X	9.7E-05	18	9.5	25.8	3.85
Story1	1.2(DL+LL+EQ:-Y)	Combination	Y	0.00025	31	22.3	0	3.85
Story1	0.9DL+1.5EQ+X	Combination	X	0.000357	36	22.3	25.8	3.85
Story1	0.9DL+1.5EQ-X	Combination	X	0.000302	37	25.6	0	3.85
Story1	0.9DL+1.5EQ-X	Combination	Y	5.3E-05	36	22.3	25.8	3.85
Story1	0.9DL+1.5EQY+	Combination	X	0.000123	54	35.1	25.8	3.85
Story1	0.9DL+1.5EQY+	Combination	Y	0.000396	36	22.3	25.8	3.85
Story1	0.9DL+1.5EQY-	Combination	Y	0.000331	19	12.8	0	3.85
Story1	DWalS1	Combination	X	6.7E-05	54	35.1	25.8	3.85
Story1	DWalS1	Combination	Y	6.5E-05	24	12.8	25.8	3.85
Story1	DWalS2	Combination	X	6.9E-05	54	35.1	25.8	3.85
Story1	DWalS2	Combination	Y	6.7E-05	24	12.8	25.8	3.85
Story1	DWalS3	Combination	X	5.4E-05	36	22.3	25.8	3.85
Story1	DWalS3	Combination	Y	2.9E-05	6	0	25.8	3.85
Story1	DWalS4	Combination	X	6.2E-05	54	35.1	25.8	3.85
Story1	DWalS4	Combination	Y	8.1E-05	24	12.8	25.8	3.85
Story1	DWalS5	Combination	X	5.1E-05	13	9.5	0	3.85
Story1	DWalS5	Combination	Y	5.5E-05	24	12.8	25.8	3.85
Story1	DWalS6	Combination	X	8.6E-05	54	35.1	25.8	3.85
Story1	DWalS6	Combination	Y	5.2E-05	24	12.8	25.8	3.85
Story1	DWalS7	Combination	X	6.5E-05	36	22.3	25.8	3.85
Story1	DWalS7	Combination	Y	3.4E-05	6	0	25.8	3.85
Story1	DWalS8	Combination	X	7.6E-05	54	35.1	25.8	3.85
Story1	DWalS8	Combination	Y	0.0001	24	12.8	25.8	3.85

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
Story1	DWals9	Combination	X	6.4E-05	13	9.5	0	3.85
Story1	DWals9	Combination	Y	6.7E-05	24	12.8	25.8	3.85
Story1	DWals10	Combination	X	0.000107	54	35.1	25.8	3.85
Story1	DWals10	Combination	Y	6.3E-05	24	12.8	25.8	3.85
Story1	DWals11	Combination	X	4.2E-05	36	22.3	25.8	3.85
Story1	DWals12	Combination	X	4.9E-05	54	35.1	25.8	3.85
Story1	DWals12	Combination	Y	7.4E-05	24	12.8	25.8	3.85
Story1	DWals13	Combination	X	3.9E-05	13	9.5	0	3.85
Story1	DWals13	Combination	Y	4.1E-05	24	12.8	25.8	3.85
Story1	DWals14	Combination	X	8E-05	54	35.1	25.8	3.85
Story1	DWals14	Combination	Y	3.9E-05	42	25.6	25.8	3.85
Story1	DWals15	Combination	X	0.000306	36	22.3	25.8	3.85
Story1	DWals15	Combination	Y	4.9E-05	6	0	25.8	3.85
Story1	DWals16	Combination	X	0.000235	37	25.6	0	3.85
Story1	DWals16	Combination	Y	6.2E-05	30	17.55	25.8	3.85
Story1	DWals17	Combination	X	0.000121	54	35.1	25.8	3.85
Story1	DWals17	Combination	Y	0.000337	24	12.8	25.8	3.85
Story1	DWals18	Combination	X	9.7E-05	18	9.5	25.8	3.85
Story1	DWals18	Combination	Y	0.00025	31	22.3	0	3.85
Story1	DWals19	Combination	X	0.000381	36	22.3	25.8	3.85
Story1	DWals19	Combination	Y	5.9E-05	6	0	25.8	3.85
Story1	DWals20	Combination	X	0.000292	37	25.6	0	3.85
Story1	DWals20	Combination	Y	7.6E-05	36	22.3	25.8	3.85
Story1	DWals21	Combination	X	0.00015	54	35.1	25.8	3.85
Story1	DWals21	Combination	Y	0.000419	24	12.8	25.8	3.85
Story1	DWals22	Combination	X	0.000119	18	9.5	25.8	3.85
Story1	DWals22	Combination	Y	0.000311	19	12.8	0	3.85
Story1	DWals23	Combination	X	0.000357	36	22.3	25.8	3.85
Story1	DWals24	Combination	X	0.000302	37	25.6	0	3.85
Story1	DWals24	Combination	Y	5.3E-05	36	22.3	25.8	3.85
Story1	DWals25	Combination	X	0.000123	54	35.1	25.8	3.85
Story1	DWals25	Combination	Y	0.000396	36	22.3	25.8	3.85
Story1	DWals26	Combination	Y	0.000331	19	12.8	0	3.85
ground	Dead	LinStatic	X	2.5E-05	5	0	20.3	0.6
ground	Dead	LinStatic	Y	3.2E-05	31	22.3	0	0.6
ground	Live	LinStatic	X	3E-06	50	35.1	5.5	0.6
ground	Live	LinStatic	Y	4E-06	18	9.5	25.8	0.6
ground	windx	LinStatic	Y	1E-05	34	22.3	14.8	0.6
ground	windy	LinStatic	X	8E-06	53	35.1	20.3	0.6
ground	seismic x	LinStatic	X	8.8E-05	16	9.5	14.8	0.6
ground	seismic y	LinStatic	Y	9.1E-05	27	17.55	11	0.6
ground	1.5(DL+LL)	Combination	X	4.2E-05	5	0	20.3	0.6
ground	1.5(DL+LL)	Combination	Y	5.4E-05	31	22.3	0	0.6
ground	1.5(DL+EQ:+X)	Combination	X	0.000159	16	9.5	14.8	0.6
ground	1.5(DL+EQ:+X)	Combination	Y	5.2E-05	52	35.1	14.8	0.6

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
ground	1.5(DL+EQ:-X)	Combination	X	0.000114	39	25.6	11	0.6
ground	1.5(DL+EQ:-X)	Combination	Y	5.3E-05	37	25.6	0	0.6
ground	1.5(DL+EQ:+Y)	Combination	X	5.8E-05	55	2.44	14.8	0.6
ground	1.5(DL+EQ:+Y)	Combination	Y	0.000166	34	22.3	14.8	0.6
ground	1.5(DL+EQ:-Y)	Combination	X	4.8E-05	56	2.44	11	0.6
ground	1.5(DL+EQ:-Y)	Combination	Y	0.000128	21	12.8	11	0.6
ground	1.5(DL+WL:+X)	Combination	X	3.8E-05	5	0	20.3	0.6
ground	1.5(DL+WL:+X)	Combination	Y	4.2E-05	37	25.6	0	0.6
ground	1.5(DL+WL:-X)	Combination	X	3.7E-05	2	0	5.5	0.6
ground	1.5(DL+WL:-X)	Combination	Y	5.3E-05	31	22.3	0	0.6
ground	1.5(DL+WL:+Y)	Combination	X	3.9E-05	5	0	20.3	0.6
ground	1.5(DL+WL:+Y)	Combination	Y	4.8E-05	31	22.3	0	0.6
ground	1.5(DL+WL:-Y)	Combination	X	3.8E-05	22	12.8	14.8	0.6
ground	1.5(DL+WL:-Y)	Combination	Y	4.8E-05	31	22.3	0	0.6
ground	1.2(DL+LL+WL:+X)	Combination	X	3.4E-05	5	0	20.3	0.6
ground	1.2(DL+LL+WL:+X)	Combination	Y	3.9E-05	37	25.6	0	0.6
ground	1.2(DL+LL+WL:-X)	Combination	X	3.3E-05	5	0	20.3	0.6
ground	1.2(DL+LL+WL:-X)	Combination	Y	4.8E-05	31	22.3	0	0.6
ground	1.2(DL+LL+WL:+Y)	Combination	X	3.5E-05	5	0	20.3	0.6
ground	1.2(DL+LL+WL:+Y)	Combination	Y	4.3E-05	37	25.6	0	0.6
ground	1.2(DL+LL+WL:-Y)	Combination	X	3.3E-05	5	0	20.3	0.6
ground	1.2(DL+LL+WL:-Y)	Combination	Y	4.4E-05	31	22.3	0	0.6
ground	1.2(DL+LL+EQ:+X)	Combination	X	0.000127	16	9.5	14.8	0.6
ground	1.2(DL+LL+EQ:-X)	Combination	X	9.2E-05	33	22.3	11	0.6
ground	1.2(DL+LL+EQ:-X)	Combination	Y	4.8E-05	37	25.6	0	0.6
ground	1.2(DL+LL+EQ:+Y)	Combination	X	4.7E-05	55	2.44	14.8	0.6
ground	1.2(DL+LL+EQ:+Y)	Combination	Y	0.000135	34	22.3	14.8	0.6
ground	1.2(DL+LL+EQ:-Y)	Combination	X	3.9E-05	6	0	25.8	0.6
ground	1.2(DL+LL+EQ:-Y)	Combination	Y	0.000105	21	12.8	11	0.6
ground	0.9DL+1.5EQ+X	Combination	X	0.000148	16	9.5	14.8	0.6
ground	0.9DL+1.5EQ-X	Combination	X	0.000121	39	25.6	11	0.6
ground	0.9DL+1.5EQ-X	Combination	Y	3.6E-05	4	0	14.8	0.6
ground	0.9DL+1.5EQY+	Combination	X	4.5E-05	55	2.44	14.8	0.6
ground	0.9DL+1.5EQY+	Combination	Y	0.000152	34	22.3	14.8	0.6
ground	0.9DL+1.5EQY-	Combination	X	3.9E-05	56	2.44	11	0.6
ground	0.9DL+1.5EQY-	Combination	Y	0.00013	21	12.8	11	0.6
ground	DWals1	Combination	X	3.8E-05	5	0	20.3	0.6
ground	DWals1	Combination	Y	4.8E-05	31	22.3	0	0.6
ground	DWals2	Combination	X	4.2E-05	5	0	20.3	0.6
ground	DWals2	Combination	Y	5.4E-05	31	22.3	0	0.6
ground	DWals3	Combination	X	3.4E-05	5	0	20.3	0.6
ground	DWals3	Combination	Y	3.9E-05	37	25.6	0	0.6
ground	DWals4	Combination	X	3.3E-05	5	0	20.3	0.6
ground	DWals4	Combination	Y	4.8E-05	31	22.3	0	0.6
ground	DWals5	Combination	X	3.5E-05	5	0	20.3	0.6

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
ground	DWalS5	Combination	Y	4.3E-05	37	25.6	0	0.6
ground	DWalS6	Combination	X	3.3E-05	5	0	20.3	0.6
ground	DWalS6	Combination	Y	4.4E-05	31	22.3	0	0.6
ground	DWalS7	Combination	X	3.8E-05	5	0	20.3	0.6
ground	DWalS7	Combination	Y	4.2E-05	37	25.6	0	0.6
ground	DWalS8	Combination	X	3.7E-05	2	0	5.5	0.6
ground	DWalS8	Combination	Y	5.3E-05	31	22.3	0	0.6
ground	DWalS9	Combination	X	3.9E-05	5	0	20.3	0.6
ground	DWalS9	Combination	Y	4.8E-05	31	22.3	0	0.6
ground	DWalS10	Combination	X	3.8E-05	22	12.8	14.8	0.6
ground	DWalS10	Combination	Y	4.8E-05	31	22.3	0	0.6
ground	DWalS11	Combination	X	2.3E-05	5	0	20.3	0.6
ground	DWalS11	Combination	Y	2.6E-05	30	17.55	25.8	0.6
ground	DWalS12	Combination	X	2.3E-05	2	0	5.5	0.6
ground	DWalS12	Combination	Y	3.4E-05	34	22.3	14.8	0.6
ground	DWalS13	Combination	X	2.4E-05	2	0	5.5	0.6
ground	DWalS13	Combination	Y	2.8E-05	37	25.6	0	0.6
ground	DWalS14	Combination	X	2.5E-05	22	12.8	14.8	0.6
ground	DWalS14	Combination	Y	2.9E-05	31	22.3	0	0.6
ground	DWalS15	Combination	X	0.000127	16	9.5	14.8	0.6
ground	DWalS16	Combination	X	9.2E-05	33	22.3	11	0.6
ground	DWalS16	Combination	Y	4.8E-05	37	25.6	0	0.6
ground	DWalS17	Combination	X	4.7E-05	55	2.44	14.8	0.6
ground	DWalS17	Combination	Y	0.000135	34	22.3	14.8	0.6
ground	DWalS18	Combination	X	3.9E-05	6	0	25.8	0.6
ground	DWalS18	Combination	Y	0.000105	21	12.8	11	0.6
ground	DWalS19	Combination	X	0.000159	16	9.5	14.8	0.6
ground	DWalS19	Combination	Y	5.2E-05	52	35.1	14.8	0.6
ground	DWalS20	Combination	X	0.000114	39	25.6	11	0.6
ground	DWalS20	Combination	Y	5.3E-05	37	25.6	0	0.6
ground	DWalS21	Combination	X	5.8E-05	55	2.44	14.8	0.6
ground	DWalS21	Combination	Y	0.000166	34	22.3	14.8	0.6
ground	DWalS22	Combination	X	4.8E-05	56	2.44	11	0.6
ground	DWalS22	Combination	Y	0.000128	21	12.8	11	0.6
ground	DWalS23	Combination	X	0.000148	16	9.5	14.8	0.6
ground	DWalS24	Combination	X	0.000121	39	25.6	11	0.6
ground	DWalS24	Combination	Y	3.6E-05	4	0	14.8	0.6
ground	DWalS25	Combination	X	4.5E-05	55	2.44	14.8	0.6
ground	DWalS25	Combination	Y	0.000152	34	22.3	14.8	0.6
ground	DWalS26	Combination	X	3.9E-05	56	2.44	11	0.6
ground	DWalS26	Combination	Y	0.00013	21	12.8	11	0.6

Table 5.3 - Story Max Over Avg Drifts

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
head room	Dead	LinStatic	X	0.217	0.141	1.534
head room	Dead	LinStatic	Y	0.13	0.05	2.57
head room	Live	LinStatic	X	0.011	2.599E-06	4315.765
head room	Live	LinStatic	Y	0.005	5.191E-07	9637.975
head room	windx	LinStatic	X	0.005	0.002	2.774
head room	windx	LinStatic	Y	0.045	0.012	3.809
head room	windy	LinStatic	X	0.192	0.065	2.954
head room	seismic x	LinStatic	X	0.826	0.748	1.105
head room	seismic y	LinStatic	Y	0.585	0.572	1.023
head room	1.5(DL+LL)	Combination	X	0.342	0.212	1.613
head room	1.5(DL+LL)	Combination	Y	0.198	0.076	2.622
head room	1.5(DL+EQ:+X)	Combination	X	1.551	1.363	1.138
head room	1.5(DL+EQ:-X)	Combination	X	1.127	0.966	1.166
head room	1.5(DL+EQ:+Y)	Combination	X	0.362	0.218	1.665
head room	1.5(DL+EQ:+Y)	Combination	Y	1.059	0.94	1.126
head room	1.5(DL+EQ:-Y)	Combination	X	0.295	0.179	1.653
head room	1.5(DL+EQ:-Y)	Combination	Y	0.907	0.789	1.151
head room	1.5(DL+WL:+X)	Combination	X	0.321	0.209	1.534
head room	1.5(DL+WL:+X)	Combination	Y	0.127	0.057	2.22
head room	1.5(DL+WL:-X)	Combination	X	0.329	0.215	1.533
head room	1.5(DL+WL:-X)	Combination	Y	0.261	0.094	2.784
head room	1.5(DL+WL:+Y)	Combination	X	0.587	0.297	1.978
head room	1.5(DL+WL:+Y)	Combination	Y	0.187	0.077	2.419
head room	1.5(DL+WL:-Y)	Combination	X	0.275	0.086	3.198
head room	1.5(DL+WL:-Y)	Combination	Y	0.201	0.074	2.728
head room	1.2(DL+LL+WL:+X)	Combination	X	0.27	0.167	1.615
head room	1.2(DL+LL+WL:+X)	Combination	Y	0.105	0.046	2.288
head room	1.2(DL+LL+WL:-X)	Combination	X	0.277	0.172	1.611
head room	1.2(DL+LL+WL:-X)	Combination	Y	0.212	0.075	2.826
head room	1.2(DL+LL+WL:+Y)	Combination	X	0.483	0.237	2.034
head room	1.2(DL+LL+WL:+Y)	Combination	Y	0.153	0.062	2.47
head room	1.2(DL+LL+WL:-Y)	Combination	X	0.221	0.068	3.235
head room	1.2(DL+LL+WL:-Y)	Combination	Y	0.164	0.059	2.781
head room	1.2(DL+LL+EQ:+X)	Combination	X	1.254	1.098	1.142
head room	1.2(DL+LL+EQ:-X)	Combination	X	0.915	0.78	1.173
head room	1.2(DL+LL+EQ:+Y)	Combination	X	0.303	0.182	1.669
head room	1.2(DL+LL+EQ:+Y)	Combination	Y	0.85	0.752	1.13
head room	1.2(DL+LL+EQ:-Y)	Combination	X	0.247	0.141	1.745
head room	1.2(DL+LL+EQ:-Y)	Combination	Y	0.729	0.631	1.155
head room	0.9DL+1.5EQ+X	Combination	X	1.422	1.266	1.124
head room	0.9DL+1.5EQ-X	Combination	X	1.168	1.026	1.138
head room	0.9DL+1.5EQY+	Combination	X	0.232	0.12	1.943
head room	0.9DL+1.5EQY+	Combination	Y	0.981	0.91	1.078
head room	0.9DL+1.5EQY-	Combination	X	0.202	0.105	1.924

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
head room	0.9DL+1.5EQY-	Combination	Y	0.89	0.817	1.089
head room	DWalS1	Combination	X	0.325	0.212	1.534
head room	DWalS1	Combination	Y	0.194	0.076	2.57
head room	DWalS2	Combination	X	0.342	0.212	1.613
head room	DWalS2	Combination	Y	0.198	0.076	2.622
head room	DWalS3	Combination	X	0.27	0.167	1.615
head room	DWalS3	Combination	Y	0.105	0.046	2.288
head room	DWalS4	Combination	X	0.277	0.172	1.611
head room	DWalS4	Combination	Y	0.212	0.075	2.826
head room	DWalS5	Combination	X	0.483	0.237	2.034
head room	DWalS5	Combination	Y	0.153	0.062	2.47
head room	DWalS6	Combination	X	0.221	0.068	3.235
head room	DWalS6	Combination	Y	0.164	0.059	2.781
head room	DWalS7	Combination	X	0.321	0.209	1.534
head room	DWalS7	Combination	Y	0.127	0.057	2.22
head room	DWalS8	Combination	X	0.329	0.215	1.533
head room	DWalS8	Combination	Y	0.261	0.094	2.784
head room	DWalS9	Combination	X	0.587	0.297	1.978
head room	DWalS9	Combination	Y	0.187	0.077	2.419
head room	DWalS10	Combination	X	0.275	0.086	3.198
head room	DWalS10	Combination	Y	0.201	0.074	2.728
head room	DWalS11	Combination	X	0.191	0.124	1.535
head room	DWalS11	Combination	Y	0.05	0.027	1.83
head room	DWalS12	Combination	X	0.199	0.13	1.533
head room	DWalS12	Combination	Y	0.183	0.064	2.886
head room	DWalS13	Combination	X	0.457	0.212	2.156
head room	DWalS13	Combination	Y	0.11	0.047	2.323
head room	DWalS14	Combination	X	0.202	0.013	15.822
head room	DWalS14	Combination	Y	0.124	0.044	2.837
head room	DWalS15	Combination	X	1.254	1.098	1.142
head room	DWalS16	Combination	X	0.915	0.78	1.173
head room	DWalS17	Combination	X	0.303	0.182	1.669
head room	DWalS17	Combination	Y	0.85	0.752	1.13
head room	DWalS18	Combination	X	0.247	0.141	1.745
head room	DWalS18	Combination	Y	0.729	0.631	1.155
head room	DWalS19	Combination	X	1.551	1.363	1.138
head room	DWalS20	Combination	X	1.127	0.966	1.166
head room	DWalS21	Combination	X	0.362	0.218	1.665
head room	DWalS21	Combination	Y	1.059	0.94	1.126
head room	DWalS22	Combination	X	0.295	0.179	1.653
head room	DWalS22	Combination	Y	0.907	0.789	1.151
head room	DWalS23	Combination	X	1.422	1.266	1.124
head room	DWalS24	Combination	X	1.168	1.026	1.138

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
head room	DWals25	Combination	X	0.232	0.12	1.943
head room	DWals25	Combination	Y	0.981	0.91	1.078
head room	DWals26	Combination	X	0.202	0.105	1.924
head room	DWals26	Combination	Y	0.89	0.817	1.089
terrace	Dead	LinStatic	X	0.25	0.151	1.659
terrace	Dead	LinStatic	Y	0.189	0.088	2.154
terrace	Live	LinStatic	X	0.013	3.483E-06	3767.475
terrace	windx	LinStatic	Y	0.062	0.045	1.377
terrace	windy	LinStatic	X	0.05	0.021	2.337
terrace	seismic x	LinStatic	X	1.166	1.114	1.047
terrace	seismic y	LinStatic	Y	0.919	0.854	1.077
terrace	1.5(DL+LL)	Combination	X	0.395	0.228	1.731
terrace	1.5(DL+LL)	Combination	Y	0.303	0.132	2.295
terrace	1.5(DL+EQ:+X)	Combination	X	2.107	1.895	1.112
terrace	1.5(DL+EQ:-X)	Combination	X	1.622	1.419	1.143
terrace	1.5(DL+EQ:+Y)	Combination	X	0.46	0.199	2.307
terrace	1.5(DL+EQ:+Y)	Combination	Y	1.616	1.407	1.149
terrace	1.5(DL+EQ:-Y)	Combination	X	0.45	0.253	1.78
terrace	1.5(DL+EQ:-Y)	Combination	Y	1.312	1.139	1.152
terrace	1.5(DL+WL:+X)	Combination	X	0.368	0.227	1.619
terrace	1.5(DL+WL:+X)	Combination	Y	0.201	0.065	3.081
terrace	1.5(DL+WL:-X)	Combination	X	0.383	0.211	1.818
terrace	1.5(DL+WL:-X)	Combination	Y	0.366	0.198	1.848
terrace	1.5(DL+WL:+Y)	Combination	X	0.307	0.182	1.689
terrace	1.5(DL+WL:+Y)	Combination	Y	0.275	0.135	2.043
terrace	1.5(DL+WL:-Y)	Combination	X	0.445	0.269	1.654
terrace	1.5(DL+WL:-Y)	Combination	Y	0.292	0.128	2.271
terrace	1.2(DL+LL+WL:+X)	Combination	X	0.31	0.182	1.706
terrace	1.2(DL+LL+WL:+X)	Combination	Y	0.177	0.053	3.357
terrace	1.2(DL+LL+WL:-X)	Combination	X	0.322	0.17	1.894
terrace	1.2(DL+LL+WL:-X)	Combination	Y	0.308	0.159	1.942
terrace	1.2(DL+LL+WL:+Y)	Combination	X	0.261	0.147	1.778
terrace	1.2(DL+LL+WL:+Y)	Combination	Y	0.236	0.108	2.181
terrace	1.2(DL+LL+WL:-Y)	Combination	X	0.372	0.215	1.727
terrace	1.2(DL+LL+WL:-Y)	Combination	Y	0.249	0.103	2.414
terrace	1.2(DL+LL+EQ:+X)	Combination	X	1.7	1.515	1.122
terrace	1.2(DL+LL+EQ:-X)	Combination	X	1.312	1.135	1.156
terrace	1.2(DL+LL+EQ:+Y)	Combination	X	0.382	0.16	2.385
terrace	1.2(DL+LL+EQ:+Y)	Combination	Y	1.307	1.127	1.16
terrace	1.2(DL+LL+EQ:-Y)	Combination	X	0.373	0.202	1.849
terrace	1.2(DL+LL+EQ:-Y)	Combination	Y	1.065	0.913	1.167
terrace	0.9DL+1.5EQ+X	Combination	X	1.964	1.805	1.088
terrace	0.9DL+1.5EQ-X	Combination	X	1.673	1.52	1.101

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
terrace	0.9DL+1.5EQY+	Combination	Y	1.521	1.356	1.122
terrace	0.9DL+1.5EQY-	Combination	X	0.326	0.16	2.039
terrace	0.9DL+1.5EQY-	Combination	Y	1.333	1.193	1.117
terrace	DWals1	Combination	X	0.376	0.226	1.659
terrace	DWals1	Combination	Y	0.284	0.132	2.154
terrace	DWals2	Combination	X	0.395	0.228	1.731
terrace	DWals2	Combination	Y	0.303	0.132	2.295
terrace	DWals3	Combination	X	0.31	0.182	1.706
terrace	DWals3	Combination	Y	0.177	0.053	3.357
terrace	DWals4	Combination	X	0.322	0.17	1.894
terrace	DWals4	Combination	Y	0.308	0.159	1.942
terrace	DWals5	Combination	X	0.261	0.147	1.778
terrace	DWals5	Combination	Y	0.236	0.108	2.181
terrace	DWals6	Combination	X	0.372	0.215	1.727
terrace	DWals6	Combination	Y	0.249	0.103	2.414
terrace	DWals7	Combination	X	0.368	0.227	1.619
terrace	DWals7	Combination	Y	0.201	0.065	3.081
terrace	DWals8	Combination	X	0.383	0.211	1.818
terrace	DWals8	Combination	Y	0.366	0.198	1.848
terrace	DWals9	Combination	X	0.307	0.182	1.689
terrace	DWals9	Combination	Y	0.275	0.135	2.043
terrace	DWals10	Combination	X	0.445	0.269	1.654
terrace	DWals10	Combination	Y	0.292	0.128	2.271
terrace	DWals11	Combination	X	0.218	0.134	1.626
terrace	DWals12	Combination	X	0.233	0.12	1.938
terrace	DWals12	Combination	Y	0.252	0.145	1.737
terrace	DWals13	Combination	X	0.16	0.093	1.724
terrace	DWals13	Combination	Y	0.162	0.082	1.972
terrace	DWals14	Combination	X	0.295	0.176	1.678
terrace	DWals14	Combination	Y	0.178	0.076	2.352
terrace	DWals15	Combination	X	1.7	1.515	1.122
terrace	DWals16	Combination	X	1.312	1.135	1.156
terrace	DWals17	Combination	X	0.382	0.16	2.385
terrace	DWals17	Combination	Y	1.307	1.127	1.16
terrace	DWals18	Combination	X	0.373	0.202	1.849
terrace	DWals18	Combination	Y	1.065	0.913	1.167
terrace	DWals19	Combination	X	2.107	1.895	1.112
terrace	DWals20	Combination	X	1.622	1.419	1.143
terrace	DWals21	Combination	X	0.46	0.199	2.307
terrace	DWals21	Combination	Y	1.616	1.407	1.149
terrace	DWals22	Combination	X	0.45	0.253	1.78
terrace	DWals22	Combination	Y	1.312	1.139	1.152
terrace	DWals23	Combination	X	1.964	1.805	1.088

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
terrace	DWals24	Combination	X	1.673	1.52	1.101
terrace	DWals25	Combination	Y	1.521	1.356	1.122
terrace	DWals26	Combination	X	0.326	0.16	2.039
terrace	DWals26	Combination	Y	1.333	1.193	1.117
Story5	Dead	LinStatic	X	0.255	0.176	1.448
Story5	Dead	LinStatic	Y	0.176	0.114	1.539
Story5	Live	LinStatic	X	0.013	4.192E-06	2997.286
Story5	windx	LinStatic	Y	0.07	0.062	1.134
Story5	windy	LinStatic	X	0.05	0.038	1.312
Story5	seismic x	LinStatic	X	1.283	1.264	1.016
Story5	seismic y	LinStatic	Y	1.023	1.007	1.015
Story5	1.5(DL+LL)	Combination	X	0.402	0.264	1.52
Story5	1.5(DL+LL)	Combination	Y	0.279	0.172	1.622
Story5	1.5(DL+EQ:+X)	Combination	X	2.272	2.153	1.055
Story5	1.5(DL+EQ:-X)	Combination	X	1.743	1.625	1.073
Story5	1.5(DL+EQ:-X)	Combination	Y	0.26	0.166	1.562
Story5	1.5(DL+EQ:+Y)	Combination	X	0.373	0.255	1.465
Story5	1.5(DL+EQ:+Y)	Combination	Y	1.767	1.674	1.056
Story5	1.5(DL+EQ:-Y)	Combination	X	0.392	0.274	1.433
Story5	1.5(DL+EQ:-Y)	Combination	Y	1.437	1.338	1.074
Story5	1.5(DL+WL:+X)	Combination	X	0.384	0.262	1.469
Story5	1.5(DL+WL:+X)	Combination	Y	0.176	0.076	2.31
Story5	1.5(DL+WL:-X)	Combination	X	0.381	0.267	1.428
Story5	1.5(DL+WL:-X)	Combination	Y	0.353	0.262	1.347
Story5	1.5(DL+WL:+Y)	Combination	X	0.307	0.207	1.486
Story5	1.5(DL+WL:+Y)	Combination	Y	0.25	0.169	1.48
Story5	1.5(DL+WL:-Y)	Combination	X	0.459	0.322	1.424
Story5	1.5(DL+WL:-Y)	Combination	Y	0.279	0.171	1.633
Story5	1.2(DL+LL+WL:+X)	Combination	X	0.323	0.209	1.541
Story5	1.2(DL+LL+WL:+X)	Combination	Y	0.152	0.061	2.499
Story5	1.2(DL+LL+WL:-X)	Combination	X	0.32	0.214	1.498
Story5	1.2(DL+LL+WL:-X)	Combination	Y	0.294	0.211	1.395
Story5	1.2(DL+LL+WL:+Y)	Combination	X	0.261	0.165	1.578
Story5	1.2(DL+LL+WL:+Y)	Combination	Y	0.211	0.136	1.553
Story5	1.2(DL+LL+WL:-Y)	Combination	X	0.382	0.258	1.482
Story5	1.2(DL+LL+WL:-Y)	Combination	Y	0.235	0.137	1.717
Story5	1.2(DL+LL+EQ:+X)	Combination	X	1.833	1.723	1.064
Story5	1.2(DL+LL+EQ:-X)	Combination	X	1.41	1.3	1.085
Story5	1.2(DL+LL+EQ:-X)	Combination	Y	0.219	0.134	1.638
Story5	1.2(DL+LL+EQ:+Y)	Combination	X	0.314	0.204	1.539
Story5	1.2(DL+LL+EQ:+Y)	Combination	Y	1.425	1.34	1.064
Story5	1.2(DL+LL+EQ:-Y)	Combination	X	0.329	0.219	1.501
Story5	1.2(DL+LL+EQ:-Y)	Combination	Y	1.159	1.069	1.084

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story5	0.9DL+1.5EQ+X	Combination	X	2.119	2.048	1.035
Story5	0.9DL+1.5EQ-X	Combination	X	1.802	1.731	1.041
Story5	0.9DL+1.5EQY+	Combination	Y	1.665	1.604	1.038
Story5	0.9DL+1.5EQY-	Combination	X	0.239	0.168	1.423
Story5	0.9DL+1.5EQY-	Combination	Y	1.473	1.406	1.048
Story5	DWals1	Combination	X	0.383	0.264	1.448
Story5	DWals1	Combination	Y	0.264	0.172	1.539
Story5	DWals2	Combination	X	0.402	0.264	1.52
Story5	DWals2	Combination	Y	0.279	0.172	1.622
Story5	DWals3	Combination	X	0.323	0.209	1.541
Story5	DWals3	Combination	Y	0.152	0.061	2.499
Story5	DWals4	Combination	X	0.32	0.214	1.498
Story5	DWals4	Combination	Y	0.294	0.211	1.395
Story5	DWals5	Combination	X	0.261	0.165	1.578
Story5	DWals5	Combination	Y	0.211	0.136	1.553
Story5	DWals6	Combination	X	0.382	0.258	1.482
Story5	DWals6	Combination	Y	0.235	0.137	1.717
Story5	DWals7	Combination	X	0.384	0.262	1.469
Story5	DWals7	Combination	Y	0.176	0.076	2.31
Story5	DWals8	Combination	X	0.381	0.267	1.428
Story5	DWals8	Combination	Y	0.353	0.262	1.347
Story5	DWals9	Combination	X	0.307	0.207	1.486
Story5	DWals9	Combination	Y	0.25	0.169	1.48
Story5	DWals10	Combination	X	0.459	0.322	1.424
Story5	DWals10	Combination	Y	0.279	0.171	1.633
Story5	DWals11	Combination	X	0.231	0.156	1.484
Story5	DWals12	Combination	X	0.228	0.161	1.414
Story5	DWals12	Combination	Y	0.247	0.192	1.284
Story5	DWals13	Combination	X	0.154	0.101	1.526
Story5	DWals13	Combination	Y	0.144	0.099	1.45
Story5	DWals14	Combination	X	0.305	0.216	1.412
Story5	DWals14	Combination	Y	0.173	0.102	1.697
Story5	DWals15	Combination	X	1.833	1.723	1.064
Story5	DWals16	Combination	X	1.41	1.3	1.085
Story5	DWals16	Combination	Y	0.219	0.134	1.638
Story5	DWals17	Combination	X	0.314	0.204	1.539
Story5	DWals17	Combination	Y	1.425	1.34	1.064
Story5	DWals18	Combination	X	0.329	0.219	1.501
Story5	DWals18	Combination	Y	1.159	1.069	1.084
Story5	DWals19	Combination	X	2.272	2.153	1.055
Story5	DWals20	Combination	X	1.743	1.625	1.073
Story5	DWals20	Combination	Y	0.26	0.166	1.562
Story5	DWals21	Combination	X	0.373	0.255	1.465

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story5	DWalS21	Combination	Y	1.767	1.674	1.056
Story5	DWalS22	Combination	X	0.392	0.274	1.433
Story5	DWalS22	Combination	Y	1.437	1.338	1.074
Story5	DWalS23	Combination	X	2.119	2.048	1.035
Story5	DWalS24	Combination	X	1.802	1.731	1.041
Story5	DWalS25	Combination	Y	1.665	1.604	1.038
Story5	DWalS26	Combination	X	0.239	0.168	1.423
Story5	DWalS26	Combination	Y	1.473	1.406	1.048
Story4	Dead	LinStatic	X	0.222	0.181	1.225
Story4	Dead	LinStatic	Y	0.169	0.123	1.375
Story4	Live	LinStatic	X	0.007	4.573E-06	1562.559
Story4	windx	LinStatic	Y	0.077	0.07	1.093
Story4	windy	LinStatic	X	0.06	0.051	1.182
Story4	seismic x	LinStatic	X	1.312	1.3	1.009
Story4	seismic y	LinStatic	Y	1.125	1.077	1.045
Story4	1.5(DL+LL)	Combination	X	0.343	0.272	1.264
Story4	1.5(DL+LL)	Combination	Y	0.264	0.184	1.436
Story4	1.5(DL+EQ:+X)	Combination	X	2.28	2.217	1.028
Story4	1.5(DL+EQ:-X)	Combination	X	1.734	1.672	1.037
Story4	1.5(DL+EQ:-X)	Combination	Y	0.262	0.19	1.378
Story4	1.5(DL+EQ:+Y)	Combination	X	0.456	0.275	1.657
Story4	1.5(DL+EQ:+Y)	Combination	Y	1.902	1.78	1.069
Story4	1.5(DL+EQ:-Y)	Combination	X	0.446	0.273	1.633
Story4	1.5(DL+EQ:-Y)	Combination	Y	1.525	1.407	1.084
Story4	1.5(DL+WL:+X)	Combination	X	0.34	0.272	1.249
Story4	1.5(DL+WL:+X)	Combination	Y	0.157	0.079	1.998
Story4	1.5(DL+WL:-X)	Combination	X	0.325	0.271	1.201
Story4	1.5(DL+WL:-X)	Combination	Y	0.349	0.289	1.207
Story4	1.5(DL+WL:+Y)	Combination	X	0.253	0.201	1.263
Story4	1.5(DL+WL:+Y)	Combination	Y	0.241	0.185	1.301
Story4	1.5(DL+WL:-Y)	Combination	X	0.412	0.342	1.202
Story4	1.5(DL+WL:-Y)	Combination	Y	0.266	0.183	1.452
Story4	1.2(DL+LL+WL:+X)	Combination	X	0.281	0.218	1.288
Story4	1.2(DL+LL+WL:+X)	Combination	Y	0.135	0.063	2.141
Story4	1.2(DL+LL+WL:-X)	Combination	X	0.269	0.217	1.24
Story4	1.2(DL+LL+WL:-X)	Combination	Y	0.288	0.231	1.246
Story4	1.2(DL+LL+WL:+Y)	Combination	X	0.211	0.16	1.316
Story4	1.2(DL+LL+WL:+Y)	Combination	Y	0.202	0.148	1.362
Story4	1.2(DL+LL+WL:-Y)	Combination	X	0.338	0.274	1.234
Story4	1.2(DL+LL+WL:-Y)	Combination	Y	0.222	0.146	1.513
Story4	1.2(DL+LL+EQ:+X)	Combination	X	1.83	1.772	1.032
Story4	1.2(DL+LL+EQ:-X)	Combination	X	1.395	1.338	1.043
Story4	1.2(DL+LL+EQ:-X)	Combination	Y	0.219	0.153	1.435

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story4	1.2(DL+LL+EQ:+Y)	Combination	X	0.369	0.219	1.685
Story4	1.2(DL+LL+EQ:+Y)	Combination	Y	1.525	1.421	1.073
Story4	1.2(DL+LL+EQ:-Y)	Combination	X	0.363	0.22	1.654
Story4	1.2(DL+LL+EQ:-Y)	Combination	Y	1.223	1.123	1.089
Story4	0.9DL+1.5EQ+X	Combination	X	2.155	2.113	1.02
Story4	0.9DL+1.5EQ-X	Combination	X	1.821	1.783	1.022
Story4	0.9DL+1.5EQY+	Combination	Y	1.817	1.714	1.06
Story4	0.9DL+1.5EQY-	Combination	X	0.318	0.16	1.982
Story4	0.9DL+1.5EQY-	Combination	Y	1.59	1.49	1.067
Story4	DWals1	Combination	X	0.333	0.272	1.225
Story4	DWals1	Combination	Y	0.253	0.184	1.375
Story4	DWals2	Combination	X	0.343	0.272	1.264
Story4	DWals2	Combination	Y	0.264	0.184	1.436
Story4	DWals3	Combination	X	0.281	0.218	1.288
Story4	DWals3	Combination	Y	0.135	0.063	2.141
Story4	DWals4	Combination	X	0.269	0.217	1.24
Story4	DWals4	Combination	Y	0.288	0.231	1.246
Story4	DWals5	Combination	X	0.211	0.16	1.316
Story4	DWals5	Combination	Y	0.202	0.148	1.362
Story4	DWals6	Combination	X	0.338	0.274	1.234
Story4	DWals6	Combination	Y	0.222	0.146	1.513
Story4	DWals7	Combination	X	0.34	0.272	1.249
Story4	DWals7	Combination	Y	0.157	0.079	1.998
Story4	DWals8	Combination	X	0.325	0.271	1.201
Story4	DWals8	Combination	Y	0.349	0.289	1.207
Story4	DWals9	Combination	X	0.253	0.201	1.263
Story4	DWals9	Combination	Y	0.241	0.185	1.301
Story4	DWals10	Combination	X	0.412	0.342	1.202
Story4	DWals10	Combination	Y	0.266	0.183	1.452
Story4	DWals11	Combination	X	0.207	0.164	1.265
Story4	DWals12	Combination	X	0.192	0.162	1.184
Story4	DWals12	Combination	Y	0.248	0.216	1.15
Story4	DWals13	Combination	X	0.12	0.092	1.308
Story4	DWals13	Combination	Y	0.14	0.111	1.252
Story4	DWals14	Combination	X	0.279	0.234	1.192
Story4	DWals14	Combination	Y	0.165	0.109	1.505
Story4	DWals15	Combination	X	1.83	1.772	1.032
Story4	DWals16	Combination	X	1.395	1.338	1.043
Story4	DWals16	Combination	Y	0.219	0.153	1.435
Story4	DWals17	Combination	X	0.369	0.219	1.685
Story4	DWals17	Combination	Y	1.525	1.421	1.073
Story4	DWals18	Combination	X	0.363	0.22	1.654
Story4	DWals18	Combination	Y	1.223	1.123	1.089

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story4	DWalS19	Combination	X	2.28	2.217	1.028
Story4	DWalS20	Combination	X	1.734	1.672	1.037
Story4	DWalS20	Combination	Y	0.262	0.19	1.378
Story4	DWalS21	Combination	X	0.456	0.275	1.657
Story4	DWalS21	Combination	Y	1.902	1.78	1.069
Story4	DWalS22	Combination	X	0.446	0.273	1.633
Story4	DWalS22	Combination	Y	1.525	1.407	1.084
Story4	DWalS23	Combination	X	2.155	2.113	1.02
Story4	DWalS24	Combination	X	1.821	1.783	1.022
Story4	DWalS25	Combination	Y	1.817	1.714	1.06
Story4	DWalS26	Combination	X	0.318	0.16	1.982
Story4	DWalS26	Combination	Y	1.59	1.49	1.067
Story3	Dead	LinStatic	X	0.229	0.185	1.241
Story3	Dead	LinStatic	Y	0.163	0.125	1.303
Story3	Live	LinStatic	X	0.005	4.302E-06	1182.219
Story3	windx	LinStatic	Y	0.083	0.074	1.12
Story3	windy	LinStatic	X	0.066	0.054	1.207
Story3	seismic x	LinStatic	X	1.24	1.236	1.003
Story3	seismic y	LinStatic	Y	1.14	1.066	1.07
Story3	1.5(DL+LL)	Combination	X	0.351	0.277	1.267
Story3	1.5(DL+LL)	Combination	Y	0.253	0.187	1.353
Story3	1.5(DL+EQ:+X)	Combination	X	2.202	2.136	1.031
Story3	1.5(DL+EQ:-X)	Combination	X	1.649	1.582	1.043
Story3	1.5(DL+EQ:-X)	Combination	Y	0.253	0.194	1.306
Story3	1.5(DL+EQ:+Y)	Combination	X	0.582	0.295	1.971
Story3	1.5(DL+EQ:+Y)	Combination	Y	1.933	1.776	1.088
Story3	1.5(DL+EQ:-Y)	Combination	X	0.485	0.245	1.98
Story3	1.5(DL+EQ:-Y)	Combination	Y	1.511	1.379	1.096
Story3	1.5(DL+WL:+X)	Combination	X	0.335	0.276	1.215
Story3	1.5(DL+WL:+X)	Combination	Y	0.145	0.079	1.84
Story3	1.5(DL+WL:-X)	Combination	X	0.352	0.278	1.268
Story3	1.5(DL+WL:-X)	Combination	Y	0.342	0.295	1.16
Story3	1.5(DL+WL:+Y)	Combination	X	0.246	0.193	1.272
Story3	1.5(DL+WL:+Y)	Combination	Y	0.234	0.188	1.244
Story3	1.5(DL+WL:-Y)	Combination	X	0.442	0.361	1.225
Story3	1.5(DL+WL:-Y)	Combination	Y	0.254	0.186	1.362
Story3	1.2(DL+LL+WL:+X)	Combination	X	0.274	0.221	1.24
Story3	1.2(DL+LL+WL:+X)	Combination	Y	0.124	0.063	1.961
Story3	1.2(DL+LL+WL:-X)	Combination	X	0.288	0.223	1.293
Story3	1.2(DL+LL+WL:-X)	Combination	Y	0.282	0.236	1.192
Story3	1.2(DL+LL+WL:+Y)	Combination	X	0.203	0.155	1.308
Story3	1.2(DL+LL+WL:+Y)	Combination	Y	0.195	0.151	1.294
Story3	1.2(DL+LL+WL:-Y)	Combination	X	0.36	0.289	1.245

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story3	1.2(DL+LL+WL:-Y)	Combination	Y	0.211	0.149	1.413
Story3	1.2(DL+LL+EQ;+X)	Combination	X	1.768	1.709	1.034
Story3	1.2(DL+LL+EQ;-X)	Combination	X	1.325	1.265	1.047
Story3	1.2(DL+LL+EQ;-X)	Combination	Y	0.21	0.155	1.354
Story3	1.2(DL+LL+EQ;+Y)	Combination	X	0.472	0.236	1.994
Story3	1.2(DL+LL+EQ;+Y)	Combination	Y	1.548	1.418	1.092
Story3	1.2(DL+LL+EQ;-Y)	Combination	X	0.393	0.196	2.011
Story3	1.2(DL+LL+EQ;-Y)	Combination	Y	1.211	1.1	1.1
Story3	0.9DL+1.5EQ+X	Combination	X	2.064	2.025	1.019
Story3	0.9DL+1.5EQ-X	Combination	X	1.733	1.693	1.024
Story3	0.9DL+1.5EQY+	Combination	X	0.444	0.184	2.41
Story3	0.9DL+1.5EQY+	Combination	Y	1.843	1.705	1.081
Story3	0.9DL+1.5EQY-	Combination	Y	1.591	1.467	1.084
Story3	DWals1	Combination	X	0.344	0.277	1.241
Story3	DWals1	Combination	Y	0.244	0.187	1.303
Story3	DWals2	Combination	X	0.351	0.277	1.267
Story3	DWals2	Combination	Y	0.253	0.187	1.353
Story3	DWals3	Combination	X	0.274	0.221	1.24
Story3	DWals3	Combination	Y	0.124	0.063	1.961
Story3	DWals4	Combination	X	0.288	0.223	1.293
Story3	DWals4	Combination	Y	0.282	0.236	1.192
Story3	DWals5	Combination	X	0.203	0.155	1.308
Story3	DWals5	Combination	Y	0.195	0.151	1.294
Story3	DWals6	Combination	X	0.36	0.289	1.245
Story3	DWals6	Combination	Y	0.211	0.149	1.413
Story3	DWals7	Combination	X	0.335	0.276	1.215
Story3	DWals7	Combination	Y	0.145	0.079	1.84
Story3	DWals8	Combination	X	0.352	0.278	1.268
Story3	DWals8	Combination	Y	0.342	0.295	1.16
Story3	DWals9	Combination	X	0.246	0.193	1.272
Story3	DWals9	Combination	Y	0.234	0.188	1.244
Story3	DWals10	Combination	X	0.442	0.361	1.225
Story3	DWals10	Combination	Y	0.254	0.186	1.362
Story3	DWals11	Combination	X	0.198	0.161	1.23
Story3	DWals12	Combination	X	0.215	0.167	1.285
Story3	DWals12	Combination	Y	0.252	0.224	1.127
Story3	DWals13	Combination	X	0.108	0.082	1.312
Story3	DWals13	Combination	Y	0.136	0.113	1.204
Story3	DWals14	Combination	X	0.304	0.25	1.218
Story3	DWals14	Combination	Y	0.156	0.111	1.402
Story3	DWals15	Combination	X	1.768	1.709	1.034
Story3	DWals16	Combination	X	1.325	1.265	1.047
Story3	DWals16	Combination	Y	0.21	0.155	1.354

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story3	DWals17	Combination	X	0.472	0.236	1.994
Story3	DWals17	Combination	Y	1.548	1.418	1.092
Story3	DWals18	Combination	X	0.393	0.196	2.011
Story3	DWals18	Combination	Y	1.211	1.1	1.1
Story3	DWals19	Combination	X	2.202	2.136	1.031
Story3	DWals20	Combination	X	1.649	1.582	1.043
Story3	DWals20	Combination	Y	0.253	0.194	1.306
Story3	DWals21	Combination	X	0.582	0.295	1.971
Story3	DWals21	Combination	Y	1.933	1.776	1.088
Story3	DWals22	Combination	X	0.485	0.245	1.98
Story3	DWals22	Combination	Y	1.511	1.379	1.096
Story3	DWals23	Combination	X	2.064	2.025	1.019
Story3	DWals24	Combination	X	1.733	1.693	1.024
Story3	DWals25	Combination	X	0.444	0.184	2.41
Story3	DWals25	Combination	Y	1.843	1.705	1.081
Story3	DWals26	Combination	Y	1.591	1.467	1.084
Story2	Dead	LinStatic	X	0.233	0.175	1.327
Story2	Dead	LinStatic	Y	0.153	0.117	1.307
Story2	Live	LinStatic	X	0.007	7.139E-06	945.486
Story2	Live	LinStatic	Y	0.006	2.434E-06	2422.887
Story2	windx	LinStatic	Y	0.091	0.076	1.201
Story2	windy	LinStatic	X	0.077	0.053	1.444
Story2	seismic x	LinStatic	X	1.077	1.055	1.021
Story2	seismic y	LinStatic	Y	1.078	0.97	1.111
Story2	1.5(DL+LL)	Combination	X	0.359	0.266	1.351
Story2	1.5(DL+LL)	Combination	Y	0.232	0.173	1.342
Story2	1.5(DL+EQ:+X)	Combination	X	1.906	1.839	1.037
Story2	1.5(DL+EQ:-X)	Combination	X	1.439	1.323	1.087
Story2	1.5(DL+EQ:-X)	Combination	Y	0.265	0.196	1.349
Story2	1.5(DL+EQ:+Y)	Combination	X	0.684	0.292	2.344
Story2	1.5(DL+EQ:+Y)	Combination	Y	1.846	1.631	1.132
Story2	1.5(DL+EQ:-Y)	Combination	X	0.497	0.195	2.544
Story2	1.5(DL+EQ:-Y)	Combination	Y	1.407	1.241	1.134
Story2	1.5(DL+WL:+X)	Combination	X	0.32	0.255	1.255
Story2	1.5(DL+WL:+X)	Combination	Y	0.13	0.071	1.833
Story2	1.5(DL+WL:-X)	Combination	X	0.377	0.266	1.418
Story2	1.5(DL+WL:-X)	Combination	Y	0.359	0.295	1.215
Story2	1.5(DL+WL:+Y)	Combination	X	0.233	0.166	1.407
Story2	1.5(DL+WL:+Y)	Combination	Y	0.233	0.183	1.275
Story2	1.5(DL+WL:-Y)	Combination	X	0.464	0.36	1.291
Story2	1.5(DL+WL:-Y)	Combination	Y	0.232	0.171	1.362
Story2	1.2(DL+LL+WL:+X)	Combination	X	0.264	0.204	1.294
Story2	1.2(DL+LL+WL:+X)	Combination	Y	0.111	0.057	1.958

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story2	1.2(DL+LL+WL:-X)	Combination	X	0.31	0.215	1.44
Story2	1.2(DL+LL+WL:-X)	Combination	Y	0.288	0.234	1.234
Story2	1.2(DL+LL+WL:+Y)	Combination	X	0.195	0.135	1.443
Story2	1.2(DL+LL+WL:+Y)	Combination	Y	0.188	0.144	1.309
Story2	1.2(DL+LL+WL:-Y)	Combination	X	0.38	0.29	1.308
Story2	1.2(DL+LL+WL:-Y)	Combination	Y	0.193	0.137	1.414
Story2	1.2(DL+LL+EQ:+X)	Combination	X	1.533	1.474	1.04
Story2	1.2(DL+LL+EQ:-X)	Combination	X	1.154	1.056	1.093
Story2	1.2(DL+LL+EQ:-X)	Combination	Y	0.213	0.155	1.373
Story2	1.2(DL+LL+EQ:+Y)	Combination	X	0.556	0.236	2.356
Story2	1.2(DL+LL+EQ:+Y)	Combination	Y	1.478	1.302	1.135
Story2	1.2(DL+LL+EQ:-Y)	Combination	X	0.401	0.154	2.605
Story2	1.2(DL+LL+EQ:-Y)	Combination	Y	1.127	0.99	1.138
Story2	0.9DL+1.5EQ+X	Combination	X	1.767	1.725	1.024
Story2	0.9DL+1.5EQ-X	Combination	X	1.509	1.429	1.057
Story2	0.9DL+1.5EQY+	Combination	X	0.545	0.187	2.919
Story2	0.9DL+1.5EQY+	Combination	Y	1.754	1.561	1.124
Story2	0.9DL+1.5EQY-	Combination	Y	1.491	1.327	1.123
Story2	DWals1	Combination	X	0.349	0.263	1.327
Story2	DWals1	Combination	Y	0.23	0.176	1.307
Story2	DWals2	Combination	X	0.359	0.266	1.351
Story2	DWals2	Combination	Y	0.232	0.173	1.342
Story2	DWals3	Combination	X	0.264	0.204	1.294
Story2	DWals3	Combination	Y	0.111	0.057	1.958
Story2	DWals4	Combination	X	0.31	0.215	1.44
Story2	DWals4	Combination	Y	0.288	0.234	1.234
Story2	DWals5	Combination	X	0.195	0.135	1.443
Story2	DWals5	Combination	Y	0.188	0.144	1.309
Story2	DWals6	Combination	X	0.38	0.29	1.308
Story2	DWals6	Combination	Y	0.193	0.137	1.414
Story2	DWals7	Combination	X	0.32	0.255	1.255
Story2	DWals7	Combination	Y	0.13	0.071	1.833
Story2	DWals8	Combination	X	0.377	0.266	1.418
Story2	DWals8	Combination	Y	0.359	0.295	1.215
Story2	DWals9	Combination	X	0.233	0.166	1.407
Story2	DWals9	Combination	Y	0.233	0.183	1.275
Story2	DWals10	Combination	X	0.464	0.36	1.291
Story2	DWals10	Combination	Y	0.232	0.171	1.362
Story2	DWals11	Combination	X	0.181	0.14	1.294
Story2	DWals12	Combination	X	0.238	0.161	1.477
Story2	DWals12	Combination	Y	0.267	0.225	1.186
Story2	DWals13	Combination	X	0.097	0.062	1.555
Story2	DWals13	Combination	Y	0.142	0.113	1.258

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story2	DWalS14	Combination	X	0.325	0.253	1.282
Story2	DWalS14	Combination	Y	0.144	0.102	1.415
Story2	DWalS15	Combination	X	1.533	1.474	1.04
Story2	DWalS16	Combination	X	1.154	1.056	1.093
Story2	DWalS16	Combination	Y	0.213	0.155	1.373
Story2	DWalS17	Combination	X	0.556	0.236	2.356
Story2	DWalS17	Combination	Y	1.478	1.302	1.135
Story2	DWalS18	Combination	X	0.401	0.154	2.605
Story2	DWalS18	Combination	Y	1.127	0.99	1.138
Story2	DWalS19	Combination	X	1.906	1.839	1.037
Story2	DWalS20	Combination	X	1.439	1.323	1.087
Story2	DWalS20	Combination	Y	0.265	0.196	1.349
Story2	DWalS21	Combination	X	0.684	0.292	2.344
Story2	DWalS21	Combination	Y	1.846	1.631	1.132
Story2	DWalS22	Combination	X	0.497	0.195	2.544
Story2	DWalS22	Combination	Y	1.407	1.241	1.134
Story2	DWalS23	Combination	X	1.767	1.725	1.024
Story2	DWalS24	Combination	X	1.509	1.429	1.057
Story2	DWalS25	Combination	X	0.545	0.187	2.919
Story2	DWalS25	Combination	Y	1.754	1.561	1.124
Story2	DWalS26	Combination	Y	1.491	1.327	1.123
Story1	Dead	LinStatic	X	0.146	0.1	1.456
Story1	Dead	LinStatic	Y	0.141	0.097	1.448
Story1	Live	LinStatic	X	0.004	1.818E-05	217.841
Story1	windx	LinStatic	Y	0.083	0.061	1.348
Story1	windy	LinStatic	X	0.085	0.041	2.083
Story1	seismic x	LinStatic	X	0.696	0.658	1.059
Story1	seismic y	LinStatic	Y	0.782	0.675	1.158
Story1	1.5(DL+LL)	Combination	X	0.224	0.15	1.493
Story1	1.5(DL+LL)	Combination	Y	0.217	0.144	1.502
Story1	1.5(DL+EQ:+X)	Combination	X	1.238	1.148	1.078
Story1	1.5(DL+EQ:+X)	Combination	Y	0.191	0.129	1.477
Story1	1.5(DL+EQ:-X)	Combination	X	0.95	0.834	1.139
Story1	1.5(DL+EQ:-X)	Combination	Y	0.247	0.164	1.507
Story1	1.5(DL+EQ:+Y)	Combination	X	0.487	0.17	2.855
Story1	1.5(DL+EQ:+Y)	Combination	Y	1.362	1.15	1.185
Story1	1.5(DL+EQ:-Y)	Combination	X	0.386	0.154	2.513
Story1	1.5(DL+EQ:-Y)	Combination	Y	1.01	0.853	1.185
Story1	1.5(DL+WL:+X)	Combination	X	0.213	0.159	1.342
Story1	1.5(DL+WL:+X)	Combination	Y	0.111	0.056	1.959
Story1	1.5(DL+WL:-X)	Combination	X	0.248	0.154	1.613
Story1	1.5(DL+WL:-X)	Combination	Y	0.324	0.242	1.342
Story1	1.5(DL+WL:+Y)	Combination	X	0.207	0.102	2.029

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story1	1.5(DL+WL:+Y)	Combination	Y	0.219	0.145	1.509
Story1	1.5(DL+WL:-Y)	Combination	X	0.347	0.25	1.388
Story1	1.5(DL+WL:-Y)	Combination	Y	0.204	0.141	1.446
Story1	1.2(DL+LL+WL:+X)	Combination	X	0.175	0.127	1.379
Story1	1.2(DL+LL+WL:+X)	Combination	Y	0.096	0.045	2.115
Story1	1.2(DL+LL+WL:-X)	Combination	X	0.202	0.123	1.65
Story1	1.2(DL+LL+WL:-X)	Combination	Y	0.264	0.192	1.375
Story1	1.2(DL+LL+WL:+Y)	Combination	X	0.164	0.079	2.09
Story1	1.2(DL+LL+WL:+Y)	Combination	Y	0.18	0.115	1.565
Story1	1.2(DL+LL+WL:-Y)	Combination	X	0.281	0.2	1.406
Story1	1.2(DL+LL+WL:-Y)	Combination	Y	0.167	0.113	1.488
Story1	1.2(DL+LL+EQ:+X)	Combination	X	0.995	0.919	1.083
Story1	1.2(DL+LL+EQ:+X)	Combination	Y	0.16	0.105	1.528
Story1	1.2(DL+LL+EQ:-X)	Combination	X	0.765	0.668	1.145
Story1	1.2(DL+LL+EQ:-X)	Combination	Y	0.201	0.129	1.554
Story1	1.2(DL+LL+EQ:+Y)	Combination	X	0.393	0.136	2.893
Story1	1.2(DL+LL+EQ:+Y)	Combination	Y	1.094	0.92	1.19
Story1	1.2(DL+LL+EQ:-Y)	Combination	X	0.314	0.123	2.542
Story1	1.2(DL+LL+EQ:-Y)	Combination	Y	0.811	0.681	1.191
Story1	0.9DL+1.5EQ+X	Combination	X	1.161	1.085	1.07
Story1	0.9DL+1.5EQ-X	Combination	X	0.983	0.894	1.099
Story1	0.9DL+1.5EQ-X	Combination	Y	0.172	0.11	1.559
Story1	0.9DL+1.5EQY+	Combination	X	0.399	0.11	3.619
Story1	0.9DL+1.5EQY+	Combination	Y	1.286	1.095	1.174
Story1	0.9DL+1.5EQY-	Combination	Y	1.075	0.917	1.172
Story1	DWals1	Combination	X	0.219	0.151	1.456
Story1	DWals1	Combination	Y	0.211	0.146	1.448
Story1	DWals2	Combination	X	0.224	0.15	1.493
Story1	DWals2	Combination	Y	0.217	0.144	1.502
Story1	DWals3	Combination	X	0.175	0.127	1.379
Story1	DWals3	Combination	Y	0.096	0.045	2.115
Story1	DWals4	Combination	X	0.202	0.123	1.65
Story1	DWals4	Combination	Y	0.264	0.192	1.375
Story1	DWals5	Combination	X	0.164	0.079	2.09
Story1	DWals5	Combination	Y	0.18	0.115	1.565
Story1	DWals6	Combination	X	0.281	0.2	1.406
Story1	DWals6	Combination	Y	0.167	0.113	1.488
Story1	DWals7	Combination	X	0.213	0.159	1.342
Story1	DWals7	Combination	Y	0.111	0.056	1.959
Story1	DWals8	Combination	X	0.248	0.154	1.613
Story1	DWals8	Combination	Y	0.324	0.242	1.342
Story1	DWals9	Combination	X	0.207	0.102	2.029
Story1	DWals9	Combination	Y	0.219	0.145	1.509

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
Story1	DWalS10	Combination	X	0.347	0.25	1.388
Story1	DWalS10	Combination	Y	0.204	0.141	1.446
Story1	DWalS11	Combination	X	0.135	0.102	1.331
Story1	DWalS12	Combination	X	0.161	0.094	1.714
Story1	DWalS12	Combination	Y	0.24	0.183	1.309
Story1	DWalS13	Combination	X	0.125	0.045	2.797
Story1	DWalS13	Combination	Y	0.134	0.087	1.55
Story1	DWalS14	Combination	X	0.259	0.182	1.424
Story1	DWalS14	Combination	Y	0.125	0.085	1.467
Story1	DWalS15	Combination	X	0.995	0.919	1.083
Story1	DWalS15	Combination	Y	0.16	0.105	1.528
Story1	DWalS16	Combination	X	0.765	0.668	1.145
Story1	DWalS16	Combination	Y	0.201	0.129	1.554
Story1	DWalS17	Combination	X	0.393	0.136	2.893
Story1	DWalS17	Combination	Y	1.094	0.92	1.19
Story1	DWalS18	Combination	X	0.314	0.123	2.542
Story1	DWalS18	Combination	Y	0.811	0.681	1.191
Story1	DWalS19	Combination	X	1.238	1.148	1.078
Story1	DWalS19	Combination	Y	0.191	0.129	1.477
Story1	DWalS20	Combination	X	0.95	0.834	1.139
Story1	DWalS20	Combination	Y	0.247	0.164	1.507
Story1	DWalS21	Combination	X	0.487	0.17	2.855
Story1	DWalS21	Combination	Y	1.362	1.15	1.185
Story1	DWalS22	Combination	X	0.386	0.154	2.513
Story1	DWalS22	Combination	Y	1.01	0.853	1.185
Story1	DWalS23	Combination	X	1.161	1.085	1.07
Story1	DWalS24	Combination	X	0.983	0.894	1.099
Story1	DWalS24	Combination	Y	0.172	0.11	1.559
Story1	DWalS25	Combination	X	0.399	0.11	3.619
Story1	DWalS25	Combination	Y	1.286	1.095	1.174
Story1	DWalS26	Combination	Y	1.075	0.917	1.172
ground	Dead	LinStatic	X	0.015	0.005	3.255
ground	Dead	LinStatic	Y	0.019	0.005	4.154
ground	Live	LinStatic	X	0.002	4.134E-07	4535.554
ground	Live	LinStatic	Y	0.003	2.117E-06	1256.086
ground	windx	LinStatic	Y	0.006	0.003	1.806
ground	windy	LinStatic	X	0.005	0.002	2.5
ground	seismic x	LinStatic	X	0.053	0.036	1.461
ground	seismic y	LinStatic	Y	0.054	0.038	1.436
ground	1.5(DL+LL)	Combination	X	0.025	0.007	3.655
ground	1.5(DL+LL)	Combination	Y	0.033	0.007	4.74
ground	1.5(DL+EQ:+X)	Combination	X	0.095	0.06	1.595
ground	1.5(DL+EQ:+X)	Combination	Y	0.031	0.006	4.88

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
ground	1.5(DL+EQ:-X)	Combination	X	0.068	0.039	1.739
ground	1.5(DL+EQ:-X)	Combination	Y	0.032	0.008	3.838
ground	1.5(DL+EQ:+Y)	Combination	X	0.035	0.008	4.309
ground	1.5(DL+EQ:+Y)	Combination	Y	0.099	0.06	1.647
ground	1.5(DL+EQ:-Y)	Combination	X	0.029	0.007	4.083
ground	1.5(DL+EQ:-Y)	Combination	Y	0.077	0.044	1.745
ground	1.5(DL+WL:+X)	Combination	X	0.023	0.007	3.14
ground	1.5(DL+WL:+X)	Combination	Y	0.025	0.002	11.498
ground	1.5(DL+WL:-X)	Combination	X	0.022	0.006	3.557
ground	1.5(DL+WL:-X)	Combination	Y	0.032	0.012	2.751
ground	1.5(DL+WL:+Y)	Combination	X	0.023	0.004	5.835
ground	1.5(DL+WL:+Y)	Combination	Y	0.029	0.007	4.109
ground	1.5(DL+WL:-Y)	Combination	X	0.023	0.01	2.364
ground	1.5(DL+WL:-Y)	Combination	Y	0.029	0.007	4.199
ground	1.2(DL+LL+WL:+X)	Combination	X	0.021	0.006	3.524
ground	1.2(DL+LL+WL:+X)	Combination	Y	0.024	0.002	13.313
ground	1.2(DL+LL+WL:-X)	Combination	X	0.02	0.005	3.8
ground	1.2(DL+LL+WL:-X)	Combination	Y	0.029	0.009	3.097
ground	1.2(DL+LL+WL:+Y)	Combination	X	0.021	0.003	6.541
ground	1.2(DL+LL+WL:+Y)	Combination	Y	0.026	0.006	4.689
ground	1.2(DL+LL+WL:-Y)	Combination	X	0.02	0.008	2.556
ground	1.2(DL+LL+WL:-Y)	Combination	Y	0.026	0.005	4.787
ground	1.2(DL+LL+EQ:+X)	Combination	X	0.076	0.047	1.619
ground	1.2(DL+LL+EQ:-X)	Combination	X	0.055	0.031	1.777
ground	1.2(DL+LL+EQ:-X)	Combination	Y	0.029	0.007	4.067
ground	1.2(DL+LL+EQ:+Y)	Combination	X	0.028	0.006	4.758
ground	1.2(DL+LL+EQ:+Y)	Combination	Y	0.081	0.048	1.682
ground	1.2(DL+LL+EQ:-Y)	Combination	X	0.023	0.005	4.483
ground	1.2(DL+LL+EQ:-Y)	Combination	Y	0.063	0.035	1.794
ground	0.9DL+1.5EQ+X	Combination	X	0.089	0.058	1.536
ground	0.9DL+1.5EQ-X	Combination	X	0.073	0.045	1.605
ground	0.9DL+1.5EQ-X	Combination	Y	0.022	0.005	4.231
ground	0.9DL+1.5EQY+	Combination	X	0.027	0.006	4.531
ground	0.9DL+1.5EQY+	Combination	Y	0.091	0.059	1.56
ground	0.9DL+1.5EQY-	Combination	X	0.023	0.005	4.529
ground	0.9DL+1.5EQY-	Combination	Y	0.078	0.049	1.598
ground	DWals1	Combination	X	0.023	0.007	3.255
ground	DWals1	Combination	Y	0.029	0.007	4.154
ground	DWals2	Combination	X	0.025	0.007	3.655
ground	DWals2	Combination	Y	0.033	0.007	4.74
ground	DWals3	Combination	X	0.021	0.006	3.524
ground	DWals3	Combination	Y	0.024	0.002	13.313
ground	DWals4	Combination	X	0.02	0.005	3.8

Table 5.3 - Story Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Direction	Max Drift mm	Avg Drift mm	Ratio
ground	DWalS4	Combination	Y	0.029	0.009	3.097
ground	DWalS5	Combination	X	0.021	0.003	6.541
ground	DWalS5	Combination	Y	0.026	0.006	4.689
ground	DWalS6	Combination	X	0.02	0.008	2.556
ground	DWalS6	Combination	Y	0.026	0.005	4.787
ground	DWalS7	Combination	X	0.023	0.007	3.14
ground	DWalS7	Combination	Y	0.025	0.002	11.498
ground	DWalS8	Combination	X	0.022	0.006	3.557
ground	DWalS8	Combination	Y	0.032	0.012	2.751
ground	DWalS9	Combination	X	0.023	0.004	5.835
ground	DWalS9	Combination	Y	0.029	0.007	4.109
ground	DWalS10	Combination	X	0.023	0.01	2.364
ground	DWalS10	Combination	Y	0.029	0.007	4.199
ground	DWalS11	Combination	X	0.014	0.005	3.072
ground	DWalS11	Combination	Y	0.015	0.0004791	32.031
ground	DWalS12	Combination	X	0.014	0.004	3.714
ground	DWalS12	Combination	Y	0.021	0.009	2.31
ground	DWalS13	Combination	X	0.014	0.001	11.563
ground	DWalS13	Combination	Y	0.017	0.004	4.064
ground	DWalS14	Combination	X	0.015	0.008	2.006
ground	DWalS14	Combination	Y	0.017	0.004	4.229
ground	DWalS15	Combination	X	0.076	0.047	1.619
ground	DWalS16	Combination	X	0.055	0.031	1.777
ground	DWalS16	Combination	Y	0.029	0.007	4.067
ground	DWalS17	Combination	X	0.028	0.006	4.758
ground	DWalS17	Combination	Y	0.081	0.048	1.682
ground	DWalS18	Combination	X	0.023	0.005	4.483
ground	DWalS18	Combination	Y	0.063	0.035	1.794
ground	DWalS19	Combination	X	0.095	0.06	1.595
ground	DWalS19	Combination	Y	0.031	0.006	4.88
ground	DWalS20	Combination	X	0.068	0.039	1.739
ground	DWalS20	Combination	Y	0.032	0.008	3.838
ground	DWalS21	Combination	X	0.035	0.008	4.309
ground	DWalS21	Combination	Y	0.099	0.06	1.647
ground	DWalS22	Combination	X	0.029	0.007	4.083
ground	DWalS22	Combination	Y	0.077	0.044	1.745
ground	DWalS23	Combination	X	0.089	0.058	1.536
ground	DWalS24	Combination	X	0.073	0.045	1.605
ground	DWalS24	Combination	Y	0.022	0.005	4.231
ground	DWalS25	Combination	X	0.027	0.006	4.531
ground	DWalS25	Combination	Y	0.091	0.059	1.56
ground	DWalS26	Combination	X	0.023	0.005	4.529
ground	DWalS26	Combination	Y	0.078	0.049	1.598

Table 5.4 - Story Forces

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
head room	Dead	LinStatic	Top	769.389	-8	-8	-45.2	9917.118	-13510.7768
head room	Dead	LinStatic	Bottom	914.3462	-8	-8	-45.2	11810.2656	-16077.9753
head room	Live	LinStatic	Top	72.6	0	0	0	936.54	-1274.13
head room	Live	LinStatic	Bottom	72.6	0	0	0	936.54	-1274.13
head room	windx	LinStatic	Top	0	0	0	-32.267	0	0
head room	windx	LinStatic	Bottom	0	0	0	-32.267	0	0
head room	windy	LinStatic	Top	0	-14.0048	0	76.4661	0	0
head room	windy	LinStatic	Bottom	0	-14.0048	0	76.4661	0	-40.6139
head room	seismic x	LinStatic	Top	0	-48.7677	0	629.1034	0	0
head room	seismic x	LinStatic	Bottom	0	-48.7677	0	629.1034	0	-141.4263
head room	seismic y	LinStatic	Top	0	0	-48.7677	-855.8732	0	0
head room	seismic y	LinStatic	Bottom	0	0	-48.7677	-855.8732	141.4263	0
head room	1.5(DL+LL)	Combination	Top	1262.9835	-12	-12	-67.8	16280.4869	-22177.3601
head room	1.5(DL+LL)	Combination	Bottom	1480.4193	-12	-12	-67.8	19120.2084	-26028.158
head room	1.5(DL+EQ:+X)	Combination	Top	1154.0835	-85.1516	-12	875.8551	14875.6769	-20266.1651
head room	1.5(DL+EQ:+X)	Combination	Bottom	1371.5193	-85.1516	-12	875.8551	17715.3984	-24329.1025
head room	1.5(DL+EQ:-X)	Combination	Top	1154.0835	61.1516	-12	-1011.4551	14875.6769	-20266.1651
head room	1.5(DL+EQ:-X)	Combination	Bottom	1371.5193	61.1516	-12	-1011.4551	17715.3984	-23904.8235
head room	1.5(DL+EQ:+Y)	Combination	Top	1154.0835	-12	-85.1516	-1351.6098	14875.6769	-20266.1651
head room	1.5(DL+EQ:+Y)	Combination	Bottom	1371.5193	-12	-85.1516	-1351.6098	17927.5379	-24116.963
head room	1.5(DL+EQ:-Y)	Combination	Top	1154.0835	-12	61.1516	1216.0098	14875.6769	-20266.1651
head room	1.5(DL+EQ:-Y)	Combination	Bottom	1371.5193	-12	61.1516	1216.0098	17503.2589	-24116.963
head room	1.5(DL+WL:+X)	Combination	Top	1154.0835	-12	-12	-116.2005	14875.6769	-20266.1651
head room	1.5(DL+WL:+X)	Combination	Bottom	1371.5193	-12	-12	-116.2005	17715.3984	-24116.963
head room	1.5(DL+WL:-X)	Combination	Top	1154.0835	-12	-12	-19.3995	14875.6769	-20266.1651
head room	1.5(DL+WL:-X)	Combination	Bottom	1371.5193	-12	-12	-19.3995	17715.3984	-24116.963
head room	1.5(DL+WL:+Y)	Combination	Top	1154.0835	-33.0072	-12	46.8992	14875.6769	-20266.1651
head room	1.5(DL+WL:+Y)	Combination	Bottom	1371.5193	-33.0072	-12	46.8992	17715.3984	-24177.8838
head room	1.5(DL+WL:-Y)	Combination	Top	1154.0835	9.0072	-12	-182.4992	14875.6769	-20266.1651

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
head room	1.5(DL+WL:-Y)	Combination	Bottom	1371.5193	9.0072	-12	-182.4992	17715.3984	-24056.0421
head room	1.2(DL+LL+WL:+X)	Combination	Top	1010.3868	-9.6	-9.6	-92.9604	13024.3895	-17741.8881
head room	1.2(DL+LL+WL:+X)	Combination	Bottom	1184.3354	-9.6	-9.6	-92.9604	15296.1667	-20822.5264
head room	1.2(DL+LL+WL:-X)	Combination	Top	1010.3868	-9.6	-9.6	-15.5196	13024.3895	-17741.8881
head room	1.2(DL+LL+WL:-X)	Combination	Bottom	1184.3354	-9.6	-9.6	-15.5196	15296.1667	-20822.5264
head room	1.2(DL+LL+WL:+Y)	Combination	Top	1010.3868	-26.4057	-9.6	37.5194	13024.3895	-17741.8881
head room	1.2(DL+LL+WL:+Y)	Combination	Bottom	1184.3354	-26.4057	-9.6	37.5194	15296.1667	-20871.263
head room	1.2(DL+LL+WL:-Y)	Combination	Top	1010.3868	7.2057	-9.6	-145.9994	13024.3895	-17741.8881
head room	1.2(DL+LL+WL:-Y)	Combination	Bottom	1184.3354	7.2057	-9.6	-145.9994	15296.1667	-20773.7897
head room	1.2(DL+LL+EQ:+X)	Combination	Top	1010.3868	-68.1212	-9.6	700.684	13024.3895	-17741.8881
head room	1.2(DL+LL+EQ:+X)	Combination	Bottom	1184.3354	-68.1212	-9.6	700.684	15296.1667	-20992.238
head room	1.2(DL+LL+EQ:-X)	Combination	Top	1010.3868	48.9212	-9.6	-809.164	13024.3895	-17741.8881
head room	1.2(DL+LL+EQ:-X)	Combination	Bottom	1184.3354	48.9212	-9.6	-809.164	15296.1667	-20652.8148
head room	1.2(DL+LL+EQ:+Y)	Combination	Top	1010.3868	-9.6	-68.1212	-1081.2878	13024.3895	-17741.8881
head room	1.2(DL+LL+EQ:+Y)	Combination	Bottom	1184.3354	-9.6	-68.1212	-1081.2878	15465.8783	-20822.5264
head room	1.2(DL+LL+EQ:-Y)	Combination	Top	1010.3868	-9.6	48.9212	972.8078	13024.3895	-17741.8881
head room	1.2(DL+LL+EQ:-Y)	Combination	Bottom	1184.3354	-9.6	48.9212	972.8078	15126.4551	-20822.5264
head room	0.9DL+1.5EQ+X	Combination	Top	692.4501	-80.3516	-7.2	902.9751	8925.4062	-12159.6991
head room	0.9DL+1.5EQ+X	Combination	Bottom	822.9116	-80.3516	-7.2	902.9751	10629.239	-14682.3173
head room	0.9DL+1.5EQ-X	Combination	Top	692.4501	65.9516	-7.2	-984.3351	8925.4062	-12159.6991
head room	0.9DL+1.5EQ-X	Combination	Bottom	822.9116	65.9516	-7.2	-984.3351	10629.239	-14258.0383
head room	0.9DL+1.5EQY+	Combination	Top	692.4501	-7.2	-80.3516	-1324.4898	8925.4062	-12159.6991
head room	0.9DL+1.5EQY+	Combination	Bottom	822.9116	-7.2	-80.3516	-1324.4898	10841.3786	-14470.1778

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
head room	0.9DL+1.5EQY-	Combination	Top	692.4501	-7.2	65.9516	1243.1298	8925.4062	-12159.6991
head room	0.9DL+1.5EQY-	Combination	Bottom	822.9116	-7.2	65.9516	1243.1298	10417.0995	-14470.1778
head room	DWals1	Combination	Top	1154.0835	-12	-12	-67.8	14875.6769	-20266.1651
head room	DWals1	Combination	Bottom	1371.5193	-12	-12	-67.8	17715.3984	-24116.963
head room	DWals2	Combination	Top	1262.9835	-12	-12	-67.8	16280.4869	-22177.3601
head room	DWals2	Combination	Bottom	1480.4193	-12	-12	-67.8	19120.2084	-26028.158
head room	DWals3	Combination	Top	1010.3868	-9.6	-9.6	-92.9604	13024.3895	-17741.8881
head room	DWals3	Combination	Bottom	1184.3354	-9.6	-9.6	-92.9604	15296.1667	-20822.5264
head room	DWals4	Combination	Top	1010.3868	-9.6	-9.6	-15.5196	13024.3895	-17741.8881
head room	DWals4	Combination	Bottom	1184.3354	-9.6	-9.6	-15.5196	15296.1667	-20822.5264
head room	DWals5	Combination	Top	1010.3868	-26.4057	-9.6	37.5194	13024.3895	-17741.8881
head room	DWals5	Combination	Bottom	1184.3354	-26.4057	-9.6	37.5194	15296.1667	-20871.263
head room	DWals6	Combination	Top	1010.3868	7.2057	-9.6	-145.9994	13024.3895	-17741.8881
head room	DWals6	Combination	Bottom	1184.3354	7.2057	-9.6	-145.9994	15296.1667	-20773.7897
head room	DWals7	Combination	Top	1154.0835	-12	-12	-116.2005	14875.6769	-20266.1651
head room	DWals7	Combination	Bottom	1371.5193	-12	-12	-116.2005	17715.3984	-24116.963
head room	DWals8	Combination	Top	1154.0835	-12	-12	-19.3995	14875.6769	-20266.1651
head room	DWals8	Combination	Bottom	1371.5193	-12	-12	-19.3995	17715.3984	-24116.963
head room	DWals9	Combination	Top	1154.0835	-33.0072	-12	46.8992	14875.6769	-20266.1651
head room	DWals9	Combination	Bottom	1371.5193	-33.0072	-12	46.8992	17715.3984	-24177.8838
head room	DWals10	Combination	Top	1154.0835	9.0072	-12	-182.4992	14875.6769	-20266.1651
head room	DWals10	Combination	Bottom	1371.5193	9.0072	-12	-182.4992	17715.3984	-24056.0421
head room	DWals11	Combination	Top	692.4501	-7.2	-7.2	-89.0805	8925.4062	-12159.6991

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
head room	DWalS11	Combination	Bottom	822.9116	-7.2	-7.2	-89.0805	10629.239	-14470.1778
head room	DWalS12	Combination	Top	692.4501	-7.2	-7.2	7.7205	8925.4062	-12159.6991
head room	DWalS12	Combination	Bottom	822.9116	-7.2	-7.2	7.7205	10629.239	-14470.1778
head room	DWalS13	Combination	Top	692.4501	-28.2072	-7.2	74.0192	8925.4062	-12159.6991
head room	DWalS13	Combination	Bottom	822.9116	-28.2072	-7.2	74.0192	10629.239	-14531.0986
head room	DWalS14	Combination	Top	692.4501	13.8072	-7.2	-155.3792	8925.4062	-12159.6991
head room	DWalS14	Combination	Bottom	822.9116	13.8072	-7.2	-155.3792	10629.239	-14409.257
head room	DWalS15	Combination	Top	1010.3868	-68.1212	-9.6	700.684	13024.3895	-17741.8881
head room	DWalS15	Combination	Bottom	1184.3354	-68.1212	-9.6	700.684	15296.1667	-20992.238
head room	DWalS16	Combination	Top	1010.3868	48.9212	-9.6	-809.164	13024.3895	-17741.8881
head room	DWalS16	Combination	Bottom	1184.3354	48.9212	-9.6	-809.164	15296.1667	-20652.8148
head room	DWalS17	Combination	Top	1010.3868	-9.6	-68.1212	-1081.2878	13024.3895	-17741.8881
head room	DWalS17	Combination	Bottom	1184.3354	-9.6	-68.1212	-1081.2878	15465.8783	-20822.5264
head room	DWalS18	Combination	Top	1010.3868	-9.6	48.9212	972.8078	13024.3895	-17741.8881
head room	DWalS18	Combination	Bottom	1184.3354	-9.6	48.9212	972.8078	15126.4551	-20822.5264
head room	DWalS19	Combination	Top	1154.0835	-85.1516	-12	875.8551	14875.6769	-20266.1651
head room	DWalS19	Combination	Bottom	1371.5193	-85.1516	-12	875.8551	17715.3984	-24329.1025
head room	DWalS20	Combination	Top	1154.0835	61.1516	-12	-1011.4551	14875.6769	-20266.1651
head room	DWalS20	Combination	Bottom	1371.5193	61.1516	-12	-1011.4551	17715.3984	-23904.8235
head room	DWalS21	Combination	Top	1154.0835	-12	-85.1516	-1351.6098	14875.6769	-20266.1651
head room	DWalS21	Combination	Bottom	1371.5193	-12	-85.1516	-1351.6098	17927.5379	-24116.963
head room	DWalS22	Combination	Top	1154.0835	-12	61.1516	1216.0098	14875.6769	-20266.1651
head room	DWalS22	Combination	Bottom	1371.5193	-12	61.1516	1216.0098	17503.2589	-24116.963

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
head room	DWalS23	Combination	Top	692.4501	-80.3516	-7.2	902.9751	8925.4062	-12159.6991
head room	DWalS23	Combination	Bottom	822.9116	-80.3516	-7.2	902.9751	10629.239	-14682.3173
head room	DWalS24	Combination	Top	692.4501	65.9516	-7.2	-984.3351	8925.4062	-12159.6991
head room	DWalS24	Combination	Bottom	822.9116	65.9516	-7.2	-984.3351	10629.239	-14258.0383
head room	DWalS25	Combination	Top	692.4501	-7.2	-80.3516	-1324.4898	8925.4062	-12159.6991
head room	DWalS25	Combination	Bottom	822.9116	-7.2	-80.3516	-1324.4898	10841.3786	-14470.1778
head room	DWalS26	Combination	Top	692.4501	-7.2	65.9516	1243.1298	8925.4062	-12159.6991
head room	DWalS26	Combination	Bottom	822.9116	-7.2	65.9516	1243.1298	10417.0995	-14470.1778
terrace	Dead	LinStatic	Top	13291.2773	-72	-72	-406.8	171408.6774	-233357.1169
terrace	Dead	LinStatic	Bottom	15136.472	-72	-72	-406.8	195445.6886	-265974.2833
terrace	Live	LinStatic	Top	1593.36	0	0	0	20554.344	-27963.468
terrace	Live	LinStatic	Bottom	1616.46	0	0	0	20852.334	-28368.873
terrace	windx	LinStatic	Top	0	0	21.9363	368.2537	0	0
terrace	windx	LinStatic	Bottom	0	0	21.9363	368.2537	-71.2931	0
terrace	windy	LinStatic	Top	0	-9.2997	0	-85.746	0	-40.6139
terrace	windy	LinStatic	Bottom	0	-9.2997	0	-85.746	0	-70.8379
terrace	seismic x	LinStatic	Top	0	-648.106	0	8360.5674	0	-141.4263
terrace	seismic x	LinStatic	Bottom	0	-663.3339	0	8557.0072	0	-2276.0073
terrace	seismic y	LinStatic	Top	0	0	-648.106	-11374.2603	141.4263	0
terrace	seismic y	LinStatic	Bottom	0	0	-663.3339	-11641.5098	2276.0073	0
terrace	1.5(DL+LL)	Combination	Top	22326.956	-108	-108	-610.2	287944.5321	-391980.8774
terrace	1.5(DL+LL)	Combination	Bottom	25129.398	-108	-108	-610.2	324447.0339	-441514.7344
terrace	1.5(DL+EQ:+X)	Combination	Top	19936.916	-1080.159	-108	11930.651	257113.0161	-350247.8149
terrace	1.5(DL+EQ:+X)	Combination	Bottom	22704.708	-1103.0008	-108	12225.3108	293168.5329	-402375.4359
terrace	1.5(DL+EQ:-X)	Combination	Top	19936.916	864.159	-108	-13151.051	257113.0161	-349823.5359
terrace	1.5(DL+EQ:-X)	Combination	Bottom	22704.708	887.0008	-108	-13445.7108	293168.5329	-395547.414
terrace	1.5(DL+EQ:+Y)	Combination	Top	19936.916	-108	-1080.159	-17671.5904	257325.1556	-350035.6754

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
terrace	1.5(DL+EQ:+Y)	Combination	Bottom	22704.708	-108	-1103.0008	-18072.4646	296582.5438	-398961.4249
terrace	1.5(DL+EQ:-Y)	Combination	Top	19936.916	-108	864.159	16451.1904	256900.8766	-350035.6754
terrace	1.5(DL+EQ:-Y)	Combination	Bottom	22704.708	-108	887.0008	16852.0646	289754.5219	-398961.4249
terrace	1.5(DL+WL:+X)	Combination	Top	19936.916	-108	-75.0955	-57.8194	257113.0161	-350035.6754
terrace	1.5(DL+WL:+X)	Combination	Bottom	22704.708	-108	-75.0955	-57.8194	293061.5932	-398961.4249
terrace	1.5(DL+WL:-X)	Combination	Top	19936.916	-108	-140.9045	-1162.5806	257113.0161	-350035.6754
terrace	1.5(DL+WL:-X)	Combination	Bottom	22704.708	-108	-140.9045	-1162.5806	293275.4725	-398961.4249
terrace	1.5(DL+WL:+Y)	Combination	Top	19936.916	-121.9496	-108	-738.819	257113.0161	-350096.5962
terrace	1.5(DL+WL:+Y)	Combination	Bottom	22704.708	-121.9496	-108	-738.819	293168.5329	-399067.6819
terrace	1.5(DL+WL:-Y)	Combination	Top	19936.916	-94.0504	-108	-481.581	257113.0161	-349974.7545
terrace	1.5(DL+WL:-Y)	Combination	Bottom	22704.708	-94.0504	-108	-481.581	293168.5329	-398855.168
terrace	1.2(DL+LL+WL:+X)	Combination	Top	17861.5648	-86.4	-60.0764	-46.2555	230355.6257	-313584.7019
terrace	1.2(DL+LL+WL:+X)	Combination	Bottom	20103.5184	-86.4	-60.0764	-46.2555	259472.0754	-353211.7876
terrace	1.2(DL+LL+WL:-X)	Combination	Top	17861.5648	-86.4	-112.7236	-930.0645	230355.6257	-313584.7019
terrace	1.2(DL+LL+WL:-X)	Combination	Bottom	20103.5184	-86.4	-112.7236	-930.0645	259643.1788	-353211.7876
terrace	1.2(DL+LL+WL:+Y)	Combination	Top	17861.5648	-97.5597	-86.4	-591.0552	230355.6257	-313633.4385
terrace	1.2(DL+LL+WL:+Y)	Combination	Bottom	20103.5184	-97.5597	-86.4	-591.0552	259557.6271	-353296.7931
terrace	1.2(DL+LL+WL:-Y)	Combination	Top	17861.5648	-75.2403	-86.4	-385.2648	230355.6257	-313535.9652
terrace	1.2(DL+LL+WL:-Y)	Combination	Bottom	20103.5184	-75.2403	-86.4	-385.2648	259557.6271	-353126.782
terrace	1.2(DL+LL+EQ:+X)	Combination	Top	17861.5648	-864.1272	-86.4	9544.5208	230355.6257	-313754.4135
terrace	1.2(DL+LL+EQ:+X)	Combination	Bottom	20103.5184	-882.4007	-86.4	9780.2486	259557.6271	-355942.9963
terrace	1.2(DL+LL+EQ:-X)	Combination	Top	17861.5648	691.3272	-86.4	-10520.8408	230355.6257	-313414.9903
terrace	1.2(DL+LL+EQ:-X)	Combination	Bottom	20103.5184	709.6007	-86.4	-10756.5686	259557.6271	-350480.5788

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
terrace	1.2(DL+LL+EQ:+Y)	Combination	Top	17861.5648	-86.4	-864.1272	-14137.2723	230525.3373	-313584.7019
terrace	1.2(DL+LL+EQ:+Y)	Combination	Bottom	20103.5184	-86.4	-882.4007	-14457.9717	262288.8359	-353211.7876
terrace	1.2(DL+LL+EQ:-Y)	Combination	Top	17861.5648	-86.4	691.3272	13160.9523	230185.9141	-313584.7019
terrace	1.2(DL+LL+EQ:-Y)	Combination	Bottom	20103.5184	-86.4	709.6007	13481.6517	256826.4183	-353211.7876
terrace	0.9DL+1.5EQ+X	Combination	Top	11962.1496	-1036.959	-64.8	12174.731	154267.8096	-210233.5447
terrace	0.9DL+1.5EQ+X	Combination	Bottom	13622.8248	-1059.8008	-64.8	12469.3908	175901.1197	-242790.8659
terrace	0.9DL+1.5EQ-X	Combination	Top	11962.1496	907.359	-64.8	-12906.971	154267.8096	-209809.2657
terrace	0.9DL+1.5EQ-X	Combination	Bottom	13622.8248	930.2008	-64.8	-13201.6308	175901.1197	-235962.844
terrace	0.9DL+1.5EQY+	Combination	Top	11962.1496	-64.8	-1036.959	-17427.5104	154479.9492	-210021.4052
terrace	0.9DL+1.5EQY+	Combination	Bottom	13622.8248	-64.8	-1059.8008	-17828.3846	179315.1307	-239376.855
terrace	0.9DL+1.5EQY-	Combination	Top	11962.1496	-64.8	907.359	16695.2704	154055.6701	-210021.4052
terrace	0.9DL+1.5EQY-	Combination	Bottom	13622.8248	-64.8	930.2008	17096.1446	172487.1088	-239376.855
terrace	DWals1	Combination	Top	19936.916	-108	-108	-610.2	257113.0161	-350035.6754
terrace	DWals1	Combination	Bottom	22704.708	-108	-108	-610.2	293168.5329	-398961.4249
terrace	DWals2	Combination	Top	22326.956	-108	-108	-610.2	287944.5321	-391980.8774
terrace	DWals2	Combination	Bottom	25129.398	-108	-108	-610.2	324447.0339	-441514.7344
terrace	DWals3	Combination	Top	17861.5648	-86.4	-60.0764	-46.2555	230355.6257	-313584.7019
terrace	DWals3	Combination	Bottom	20103.5184	-86.4	-60.0764	-46.2555	259472.0754	-353211.7876
terrace	DWals4	Combination	Top	17861.5648	-86.4	-112.7236	-930.0645	230355.6257	-313584.7019
terrace	DWals4	Combination	Bottom	20103.5184	-86.4	-112.7236	-930.0645	259643.1788	-353211.7876
terrace	DWals5	Combination	Top	17861.5648	-97.5597	-86.4	-591.0552	230355.6257	-313633.4385
terrace	DWals5	Combination	Bottom	20103.5184	-97.5597	-86.4	-591.0552	259557.6271	-353296.7931
terrace	DWals6	Combination	Top	17861.5648	-75.2403	-86.4	-385.2648	230355.6257	-313535.9652

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
terrace	DWalS6	Combination	Bottom	20103.5184	-75.2403	-86.4	-385.2648	259557.6271	-353126.782
terrace	DWalS7	Combination	Top	19936.916	-108	-75.0955	-57.8194	257113.0161	-350035.6754
terrace	DWalS7	Combination	Bottom	22704.708	-108	-75.0955	-57.8194	293061.5932	-398961.4249
terrace	DWalS8	Combination	Top	19936.916	-108	-140.9045	-1162.5806	257113.0161	-350035.6754
terrace	DWalS8	Combination	Bottom	22704.708	-108	-140.9045	-1162.5806	293275.4725	-398961.4249
terrace	DWalS9	Combination	Top	19936.916	-121.9496	-108	-738.819	257113.0161	-350096.5962
terrace	DWalS9	Combination	Bottom	22704.708	-121.9496	-108	-738.819	293168.5329	-399067.6819
terrace	DWalS10	Combination	Top	19936.916	-94.0504	-108	-481.581	257113.0161	-349974.7545
terrace	DWalS10	Combination	Bottom	22704.708	-94.0504	-108	-481.581	293168.5329	-398855.168
terrace	DWalS11	Combination	Top	11962.1496	-64.8	-31.8955	186.2606	154267.8096	-210021.4052
terrace	DWalS11	Combination	Bottom	13622.8248	-64.8	-31.8955	186.2606	175794.1801	-239376.855
terrace	DWalS12	Combination	Top	11962.1496	-64.8	-97.7045	-918.5006	154267.8096	-210021.4052
terrace	DWalS12	Combination	Bottom	13622.8248	-64.8	-97.7045	-918.5006	176008.0594	-239376.855
terrace	DWalS13	Combination	Top	11962.1496	-78.7496	-64.8	-494.739	154267.8096	-210082.326
terrace	DWalS13	Combination	Bottom	13622.8248	-78.7496	-64.8	-494.739	175901.1197	-239483.1119
terrace	DWalS14	Combination	Top	11962.1496	-50.8504	-64.8	-237.501	154267.8096	-209960.4844
terrace	DWalS14	Combination	Bottom	13622.8248	-50.8504	-64.8	-237.501	175901.1197	-239270.5981
terrace	DWalS15	Combination	Top	17861.5648	-864.1272	-86.4	9544.5208	230355.6257	-313754.4135
terrace	DWalS15	Combination	Bottom	20103.5184	-882.4007	-86.4	9780.2486	259557.6271	-355942.9963
terrace	DWalS16	Combination	Top	17861.5648	691.3272	-86.4	-10520.8408	230355.6257	-313414.9903
terrace	DWalS16	Combination	Bottom	20103.5184	709.6007	-86.4	-10756.5686	259557.6271	-350480.5788
terrace	DWalS17	Combination	Top	17861.5648	-86.4	-864.1272	-14137.2723	230525.3373	-313584.7019
terrace	DWalS17	Combination	Bottom	20103.5184	-86.4	-882.4007	-14457.9717	262288.8359	-353211.7876

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
terrace	DWalS18	Combination	Top	17861.5648	-86.4	691.3272	13160.9523	230185.9141	-313584.7019
terrace	DWalS18	Combination	Bottom	20103.5184	-86.4	709.6007	13481.6517	256826.4183	-353211.7876
terrace	DWalS19	Combination	Top	19936.916	-1080.159	-108	11930.651	257113.0161	-350247.8149
terrace	DWalS19	Combination	Bottom	22704.708	-1103.0008	-108	12225.3108	293168.5329	-402375.4359
terrace	DWalS20	Combination	Top	19936.916	864.159	-108	-13151.051	257113.0161	-349823.5359
terrace	DWalS20	Combination	Bottom	22704.708	887.0008	-108	-13445.7108	293168.5329	-395547.414
terrace	DWalS21	Combination	Top	19936.916	-108	-1080.159	-17671.5904	257325.1556	-350035.6754
terrace	DWalS21	Combination	Bottom	22704.708	-108	-1103.0008	-18072.4646	296582.5438	-398961.4249
terrace	DWalS22	Combination	Top	19936.916	-108	864.159	16451.1904	256900.8766	-350035.6754
terrace	DWalS22	Combination	Bottom	22704.708	-108	887.0008	16852.0646	289754.5219	-398961.4249
terrace	DWalS23	Combination	Top	11962.1496	-1036.959	-64.8	12174.731	154267.8096	-210233.5447
terrace	DWalS23	Combination	Bottom	13622.8248	-1059.8008	-64.8	12469.3908	175901.1197	-242790.8659
terrace	DWalS24	Combination	Top	11962.1496	907.359	-64.8	-12906.971	154267.8096	-209809.2657
terrace	DWalS24	Combination	Bottom	13622.8248	930.2008	-64.8	-13201.6308	175901.1197	-235962.844
terrace	DWalS25	Combination	Top	11962.1496	-64.8	-1036.959	-17427.5104	154479.9492	-210021.4052
terrace	DWalS25	Combination	Bottom	13622.8248	-64.8	-1059.8008	-17828.3846	179315.1307	-239376.855
terrace	DWalS26	Combination	Top	11962.1496	-64.8	907.359	16695.2704	154055.6701	-210021.4052
terrace	DWalS26	Combination	Bottom	13622.8248	-64.8	930.2008	17096.1446	172487.1088	-239376.855
Story5	Dead	LinStatic	Top	26077.7949	-136	-136	-768.4	336524.7538	-458058.5
Story5	Dead	LinStatic	Bottom	27904.7405	-136	-136	-768.4	360534.3529	-490563.3964
Story5	Live	LinStatic	Top	3100.132	0	0	0	39991.7028	-54407.3166
Story5	Live	LinStatic	Bottom	3123.232	0	0	0	40289.6928	-54812.7216
Story5	windx	LinStatic	Top	0	0	64.7475	1211.2665	-71.2931	0
Story5	windx	LinStatic	Bottom	0	0	64.7475	1211.2665	-281.7223	0
Story5	windy	LinStatic	Top	0	26.5119	0	-547.7154	0	-70.8379
Story5	windy	LinStatic	Bottom	0	26.5119	0	-547.7154	0	15.3256
Story5	seismic x	LinStatic	Top	0	-1175.2128	0	15160.2457	0	-2276.0073

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story5	seismic x	LinStatic	Bottom	0	-1187.8465	0	15323.2194	0	-6118.4321
Story5	seismic y	LinStatic	Top	0	0	-1175.2128	-20624.9854	2276.0073	0
Story5	seismic y	LinStatic	Bottom	0	0	-1187.8465	-20846.7055	6118.4321	0
Story5	1.5(DL+LL)	Combination	Top	43766.8903	-204	-204	-1152.6	564774.685	-768698.7249
Story5	1.5(DL+LL)	Combination	Bottom	46541.9588	-204	-204	-1152.6	601236.0686	-818064.177
Story5	1.5(DL+EQ:+X)	Combination	Top	39116.6923	-1966.8193	-204	21587.7685	504787.1308	-690501.761
Story5	1.5(DL+EQ:+X)	Combination	Bottom	41857.1108	-1985.7697	-204	21832.2291	540801.5294	-745022.7429
Story5	1.5(DL+EQ:-X)	Combination	Top	39116.6923	1558.8193	-204	-23892.9685	504787.1308	-683673.739
Story5	1.5(DL+EQ:-X)	Combination	Bottom	41857.1108	1577.7697	-204	-24137.4291	540801.5294	-726667.4464
Story5	1.5(DL+EQ:+Y)	Combination	Top	39116.6923	-204	-1966.8193	-32090.0781	508201.1417	-687087.75
Story5	1.5(DL+EQ:+Y)	Combination	Bottom	41857.1108	-204	-1985.7697	-32422.6582	549979.1776	-735845.0946
Story5	1.5(DL+EQ:-Y)	Combination	Top	39116.6923	-204	1558.8193	29784.8781	501373.1198	-687087.75
Story5	1.5(DL+EQ:-Y)	Combination	Bottom	41857.1108	-204	1577.7697	30117.4582	531623.8812	-735845.0946
Story5	1.5(DL+WL:+X)	Combination	Top	39116.6923	-204	-106.8788	664.2997	504680.1911	-687087.75
Story5	1.5(DL+WL:+X)	Combination	Bottom	41857.1108	-204	-106.8788	664.2997	540378.9459	-735845.0946
Story5	1.5(DL+WL:-X)	Combination	Top	39116.6923	-204	-301.1212	-2969.4997	504894.0704	-687087.75
Story5	1.5(DL+WL:-X)	Combination	Bottom	41857.1108	-204	-301.1212	-2969.4997	541224.1129	-735845.0946
Story5	1.5(DL+WL:+Y)	Combination	Top	39116.6923	-164.2322	-204	-1974.1731	504787.1308	-687194.0069
Story5	1.5(DL+WL:+Y)	Combination	Bottom	41857.1108	-164.2322	-204	-1974.1731	540801.5294	-735822.1062
Story5	1.5(DL+WL:-Y)	Combination	Top	39116.6923	-243.7678	-204	-331.0269	504787.1308	-686981.4931
Story5	1.5(DL+WL:-Y)	Combination	Bottom	41857.1108	-243.7678	-204	-331.0269	540801.5294	-735868.0831
Story5	1.2(DL+LL+WL:+X)	Combination	Top	35013.5122	-163.2	-85.5031	531.4398	451734.1963	-614958.9799
Story5	1.2(DL+LL+WL:+X)	Combination	Bottom	37233.567	-163.2	-85.5031	531.4398	480650.7881	-654451.3416

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story5	1.2(DL+LL+WL:-X)	Combination	Top	35013.5122	-163.2	-240.8969	-2375.5998	451905.2997	-614958.9799
Story5	1.2(DL+LL+WL:-X)	Combination	Bottom	37233.567	-163.2	-240.8969	-2375.5998	481326.9217	-654451.3416
Story5	1.2(DL+LL+WL:+Y)	Combination	Top	35013.5122	-131.3858	-163.2	-1579.3384	451819.748	-615043.9854
Story5	1.2(DL+LL+WL:+Y)	Combination	Bottom	37233.567	-131.3858	-163.2	-1579.3384	480988.8549	-654432.9509
Story5	1.2(DL+LL+WL:-Y)	Combination	Top	35013.5122	-195.0142	-163.2	-264.8216	451819.748	-614873.9744
Story5	1.2(DL+LL+WL:-Y)	Combination	Bottom	37233.567	-195.0142	-163.2	-264.8216	480988.8549	-654469.7324
Story5	1.2(DL+LL+EQ:+X)	Combination	Top	35013.5122	-1573.4554	-163.2	17270.2148	451819.748	-617690.1887
Story5	1.2(DL+LL+EQ:+X)	Combination	Bottom	37233.567	-1588.6158	-163.2	17465.7833	480988.8549	-661793.4602
Story5	1.2(DL+LL+EQ:-X)	Combination	Top	35013.5122	1247.0554	-163.2	-19114.3748	451819.748	-612227.7711
Story5	1.2(DL+LL+EQ:-X)	Combination	Bottom	37233.567	1262.2158	-163.2	-19309.9433	480988.8549	-647109.2231
Story5	1.2(DL+LL+EQ:+Y)	Combination	Top	35013.5122	-163.2	-1573.4554	-25672.0625	454550.9567	-614958.9799
Story5	1.2(DL+LL+EQ:+Y)	Combination	Bottom	37233.567	-163.2	-1588.6158	-25938.1266	488330.9734	-654451.3416
Story5	1.2(DL+LL+EQ:-Y)	Combination	Top	35013.5122	-163.2	1247.0554	23827.9025	449088.5392	-614958.9799
Story5	1.2(DL+LL+EQ:-Y)	Combination	Bottom	37233.567	-163.2	1262.2158	24093.9666	473646.7363	-654451.3416
Story5	0.9DL+1.5EQ+X	Combination	Top	23470.0154	-1885.2193	-122.4	22048.8085	302872.2785	-415666.661
Story5	0.9DL+1.5EQ+X	Combination	Bottom	25114.2665	-1904.1697	-122.4	22293.2691	324480.9176	-450684.705
Story5	0.9DL+1.5EQ-X	Combination	Top	23470.0154	1640.4193	-122.4	-23431.9285	302872.2785	-408838.639
Story5	0.9DL+1.5EQ-X	Combination	Bottom	25114.2665	1659.3697	-122.4	-23676.3891	324480.9176	-432329.4086
Story5	0.9DL+1.5EQY+	Combination	Top	23470.0154	-122.4	-1885.2193	-31629.0381	306286.2894	-412252.65
Story5	0.9DL+1.5EQY+	Combination	Bottom	25114.2665	-122.4	-1904.1697	-31961.6182	333658.5658	-441507.0568
Story5	0.9DL+1.5EQY-	Combination	Top	23470.0154	-122.4	1640.4193	30245.9181	299458.2675	-412252.65
Story5	0.9DL+1.5EQY-	Combination	Bottom	25114.2665	-122.4	1659.3697	30578.4982	315303.2694	-441507.0568
Story5	DWals1	Combination	Top	39116.6923	-204	-204	-1152.6	504787.1308	-687087.75

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story5	DWals1	Combination	Bottom	41857.1108	-204	-204	-1152.6	540801.5294	-735845.0946
Story5	DWals2	Combination	Top	43766.8903	-204	-204	-1152.6	564774.685	-768698.7249
Story5	DWals2	Combination	Bottom	46541.9588	-204	-204	-1152.6	601236.0686	-818064.177
Story5	DWals3	Combination	Top	35013.5122	-163.2	-85.5031	531.4398	451734.1963	-614958.9799
Story5	DWals3	Combination	Bottom	37233.567	-163.2	-85.5031	531.4398	480650.7881	-654451.3416
Story5	DWals4	Combination	Top	35013.5122	-163.2	-240.8969	-2375.5998	451905.2997	-614958.9799
Story5	DWals4	Combination	Bottom	37233.567	-163.2	-240.8969	-2375.5998	481326.9217	-654451.3416
Story5	DWals5	Combination	Top	35013.5122	-131.3858	-163.2	-1579.3384	451819.748	-615043.9854
Story5	DWals5	Combination	Bottom	37233.567	-131.3858	-163.2	-1579.3384	480988.8549	-654432.9509
Story5	DWals6	Combination	Top	35013.5122	-195.0142	-163.2	-264.8216	451819.748	-614873.9744
Story5	DWals6	Combination	Bottom	37233.567	-195.0142	-163.2	-264.8216	480988.8549	-654469.7324
Story5	DWals7	Combination	Top	39116.6923	-204	-106.8788	664.2997	504680.1911	-687087.75
Story5	DWals7	Combination	Bottom	41857.1108	-204	-106.8788	664.2997	540378.9459	-735845.0946
Story5	DWals8	Combination	Top	39116.6923	-204	-301.1212	-2969.4997	504894.0704	-687087.75
Story5	DWals8	Combination	Bottom	41857.1108	-204	-301.1212	-2969.4997	541224.1129	-735845.0946
Story5	DWals9	Combination	Top	39116.6923	-164.2322	-204	-1974.1731	504787.1308	-687194.0069
Story5	DWals9	Combination	Bottom	41857.1108	-164.2322	-204	-1974.1731	540801.5294	-735822.1062
Story5	DWals10	Combination	Top	39116.6923	-243.7678	-204	-331.0269	504787.1308	-686981.4931
Story5	DWals10	Combination	Bottom	41857.1108	-243.7678	-204	-331.0269	540801.5294	-735868.0831
Story5	DWals11	Combination	Top	23470.0154	-122.4	-25.2788	1125.3397	302765.3388	-412252.65
Story5	DWals11	Combination	Bottom	25114.2665	-122.4	-25.2788	1125.3397	324058.3342	-441507.0568
Story5	DWals12	Combination	Top	23470.0154	-122.4	-219.5212	-2508.4597	302979.2181	-412252.65
Story5	DWals12	Combination	Bottom	25114.2665	-122.4	-219.5212	-2508.4597	324903.5011	-441507.0568

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story5	DWalS13	Combination	Top	23470.0154	-82.6322	-122.4	-1513.1331	302872.2785	-412358.9069
Story5	DWalS13	Combination	Bottom	25114.2665	-82.6322	-122.4	-1513.1331	324480.9176	-441484.0683
Story5	DWalS14	Combination	Top	23470.0154	-162.1678	-122.4	130.0131	302872.2785	-412146.3931
Story5	DWalS14	Combination	Bottom	25114.2665	-162.1678	-122.4	130.0131	324480.9176	-441530.0452
Story5	DWalS15	Combination	Top	35013.5122	-1573.4554	-163.2	17270.2148	451819.748	-617690.1887
Story5	DWalS15	Combination	Bottom	37233.567	-1588.6158	-163.2	17465.7833	480988.8549	-661793.4602
Story5	DWalS16	Combination	Top	35013.5122	1247.0554	-163.2	-19114.3748	451819.748	-612227.7711
Story5	DWalS16	Combination	Bottom	37233.567	1262.2158	-163.2	-19309.9433	480988.8549	-647109.2231
Story5	DWalS17	Combination	Top	35013.5122	-163.2	-1573.4554	-25672.0625	454550.9567	-614958.9799
Story5	DWalS17	Combination	Bottom	37233.567	-163.2	-1588.6158	-25938.1266	488330.9734	-654451.3416
Story5	DWalS18	Combination	Top	35013.5122	-163.2	1247.0554	23827.9025	449088.5392	-614958.9799
Story5	DWalS18	Combination	Bottom	37233.567	-163.2	1262.2158	24093.9666	473646.7363	-654451.3416
Story5	DWalS19	Combination	Top	39116.6923	-1966.8193	-204	21587.7685	504787.1308	-690501.761
Story5	DWalS19	Combination	Bottom	41857.1108	-1985.7697	-204	21832.2291	540801.5294	-745022.7429
Story5	DWalS20	Combination	Top	39116.6923	1558.8193	-204	-23892.9685	504787.1308	-683673.739
Story5	DWalS20	Combination	Bottom	41857.1108	1577.7697	-204	-24137.4291	540801.5294	-726667.4464
Story5	DWalS21	Combination	Top	39116.6923	-204	-1966.8193	-32090.0781	508201.1417	-687087.75
Story5	DWalS21	Combination	Bottom	41857.1108	-204	-1985.7697	-32422.6582	549979.1776	-735845.0946
Story5	DWalS22	Combination	Top	39116.6923	-204	1558.8193	29784.8781	501373.1198	-687087.75
Story5	DWalS22	Combination	Bottom	41857.1108	-204	1577.7697	30117.4582	531623.8812	-735845.0946
Story5	DWalS23	Combination	Top	23470.0154	-1885.2193	-122.4	22048.8085	302872.2785	-415666.661
Story5	DWalS23	Combination	Bottom	25114.2665	-1904.1697	-122.4	22293.2691	324480.9176	-450684.705
Story5	DWalS24	Combination	Top	23470.0154	1640.4193	-122.4	-23431.9285	302872.2785	-408838.639

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story5	DWaiS24	Combination	Bottom	25114.2665	1659.3697	-122.4	-23676.3891	324480.9176	-432329.4086
Story5	DWaiS25	Combination	Top	23470.0154	-122.4	-1885.2193	-31629.0381	306286.2894	-412252.65
Story5	DWaiS25	Combination	Bottom	25114.2665	-122.4	-1904.1697	-31961.6182	333658.5658	-441507.0568
Story5	DWaiS26	Combination	Top	23470.0154	-122.4	1640.4193	30245.9181	299458.2675	-412252.65
Story5	DWaiS26	Combination	Bottom	25114.2665	-122.4	1659.3697	30578.4982	315303.2694	-441507.0568
Story4	Dead	LinStatic	Top	38846.0634	-200	-200	-1130	501613.4182	-682647.6131
Story4	Dead	LinStatic	Bottom	40673.0091	-200	-200	-1130	525831.0173	-715360.5096
Story4	Live	LinStatic	Top	4606.904	0	0	0	59429.0616	-80851.1652
Story4	Live	LinStatic	Bottom	4630.004	0	0	0	59727.0516	-81256.5702
Story4	windx	LinStatic	Top	0	0	105.5536	2014.7993	-281.7223	0
Story4	windx	LinStatic	Bottom	0	0	105.5536	2014.7993	-624.7717	0
Story4	windy	LinStatic	Top	0	60.6463	0	-988.0499	0	15.3256
Story4	windy	LinStatic	Bottom	0	60.6463	0	-988.0499	0	212.4262
Story4	seismic x	LinStatic	Top	0	-1592.0015	0	20536.8192	0	-6118.4321
Story4	seismic x	LinStatic	Bottom	0	-1602.4972	0	20672.214	0	-11311.0908
Story4	seismic y	LinStatic	Top	0	0	-1592.0015	-27939.6262	6118.4321	0
Story4	seismic y	LinStatic	Bottom	0	0	-1602.4972	-28123.8261	11311.0908	0
Story4	1.5(DL+LL)	Combination	Top	65179.4511	-300	-300	-1695	841563.7197	-1145248
Story4	1.5(DL+LL)	Combination	Bottom	67954.5196	-300	-300	-1695	878337.1033	-1194926
Story4	1.5(DL+EQ:+X)	Combination	Top	58269.0951	-2688.0022	-300	29110.2289	752420.1273	-1033149
Story4	1.5(DL+EQ:+X)	Combination	Bottom	61009.5136	-2703.7458	-300	29313.321	788746.5259	-1090007
Story4	1.5(DL+EQ:-X)	Combination	Top	58269.0951	2088.0022	-300	-32500.2289	752420.1273	-1014794
Story4	1.5(DL+EQ:-X)	Combination	Bottom	61009.5136	2103.7458	-300	-32703.321	788746.5259	-1056074
Story4	1.5(DL+EQ:+Y)	Combination	Top	58269.0951	-300	-2688.0022	-43604.4393	761597.7755	-1023971
Story4	1.5(DL+EQ:+Y)	Combination	Bottom	61009.5136	-300	-2703.7458	-43880.7391	805713.1622	-1073041
Story4	1.5(DL+EQ:-Y)	Combination	Top	58269.0951	-300	2088.0022	40214.4393	743242.4791	-1023971
Story4	1.5(DL+EQ:-Y)	Combination	Bottom	61009.5136	-300	2103.7458	40490.7391	771779.8897	-1073041

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story4	1.5(DL+WL:+X)	Combination	Top	58269.0951	-300	-141.6695	1327.199	751997.5438	-1023971
Story4	1.5(DL+WL:+X)	Combination	Bottom	61009.5136	-300	-141.6695	1327.199	787809.3684	-1073041
Story4	1.5(DL+WL:-X)	Combination	Top	58269.0951	-300	-458.3305	-4717.199	752842.7108	-1023971
Story4	1.5(DL+WL:-X)	Combination	Bottom	61009.5136	-300	-458.3305	-4717.199	789683.6834	-1073041
Story4	1.5(DL+WL:+Y)	Combination	Top	58269.0951	-209.0305	-300	-3177.0748	752420.1273	-1023948
Story4	1.5(DL+WL:+Y)	Combination	Bottom	61009.5136	-209.0305	-300	-3177.0748	788746.5259	-1072722
Story4	1.5(DL+WL:-Y)	Combination	Top	58269.0951	-390.9695	-300	-212.9252	752420.1273	-1023994
Story4	1.5(DL+WL:-Y)	Combination	Bottom	61009.5136	-390.9695	-300	-212.9252	788746.5259	-1073359
Story4	1.2(DL+LL+WL:+X)	Combination	Top	52143.5609	-240	-113.3356	1061.7592	672912.909	-916198.534
Story4	1.2(DL+LL+WL:+X)	Combination	Bottom	54363.6157	-240	-113.3356	1061.7592	701919.9567	-955940.4957
Story4	1.2(DL+LL+WL:-X)	Combination	Top	52143.5609	-240	-366.6644	-3773.7592	673589.0425	-916198.534
Story4	1.2(DL+LL+WL:-X)	Combination	Bottom	54363.6157	-240	-366.6644	-3773.7592	703419.4087	-955940.4957
Story4	1.2(DL+LL+WL:+Y)	Combination	Top	52143.5609	-167.2244	-240	-2541.6599	673250.9758	-916180.1432
Story4	1.2(DL+LL+WL:+Y)	Combination	Bottom	54363.6157	-167.2244	-240	-2541.6599	702669.6827	-955685.5843
Story4	1.2(DL+LL+WL:-Y)	Combination	Top	52143.5609	-312.7756	-240	-170.3401	673250.9758	-916216.9248
Story4	1.2(DL+LL+WL:-Y)	Combination	Bottom	54363.6157	-312.7756	-240	-170.3401	702669.6827	-956195.4071
Story4	1.2(DL+LL+EQ:+X)	Combination	Top	52143.5609	-2150.4018	-240	23288.1831	673250.9758	-923540.6526
Story4	1.2(DL+LL+EQ:+X)	Combination	Bottom	54363.6157	-2162.9967	-240	23450.6568	702669.6827	-969513.8047
Story4	1.2(DL+LL+EQ:-X)	Combination	Top	52143.5609	1670.4018	-240	-26000.1831	673250.9758	-908856.4154
Story4	1.2(DL+LL+EQ:-X)	Combination	Bottom	54363.6157	1682.9967	-240	-26162.6568	702669.6827	-942367.1867
Story4	1.2(DL+LL+EQ:+Y)	Combination	Top	52143.5609	-240	-2150.4018	-34883.5514	680593.0943	-916198.534
Story4	1.2(DL+LL+EQ:+Y)	Combination	Bottom	54363.6157	-240	-2162.9967	-35104.5913	716242.9916	-955940.4957
Story4	1.2(DL+LL+EQ:-Y)	Combination	Top	52143.5609	-240	1670.4018	32171.5514	665908.8572	-916198.534

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story4	1.2(DL+LL+EQ:-Y)	Combination	Bottom	54363.6157	-240	1682.9967	32392.5913	689096.3737	-955940.4957
Story4	0.9DL+1.5EQ+X	Combination	Top	34961.4571	-2568.0022	-180	29788.2289	451452.0764	-623560.5
Story4	0.9DL+1.5EQ+X	Combination	Bottom	36605.7082	-2583.7458	-180	29991.321	473247.9156	-660791.0948
Story4	0.9DL+1.5EQ-X	Combination	Top	34961.4571	2208.0022	-180	-31822.2289	451452.0764	-605205.2036
Story4	0.9DL+1.5EQ-X	Combination	Bottom	36605.7082	2223.7458	-180	-32025.321	473247.9156	-626857.8224
Story4	0.9DL+1.5EQY+	Combination	Top	34961.4571	-180	-2568.0022	-42926.4393	460629.7246	-614382.8518
Story4	0.9DL+1.5EQY+	Combination	Bottom	36605.7082	-180	-2583.7458	-43202.7391	490214.5518	-643824.4586
Story4	0.9DL+1.5EQY-	Combination	Top	34961.4571	-180	2208.0022	40892.4393	442274.4282	-614382.8518
Story4	0.9DL+1.5EQY-	Combination	Bottom	36605.7082	-180	2223.7458	41168.7391	456281.2793	-643824.4586
Story4	DWals1	Combination	Top	58269.0951	-300	-300	-1695	752420.1273	-1023971
Story4	DWals1	Combination	Bottom	61009.5136	-300	-300	-1695	788746.5259	-1073041
Story4	DWals2	Combination	Top	65179.4511	-300	-300	-1695	841563.7197	-1145248
Story4	DWals2	Combination	Bottom	67954.5196	-300	-300	-1695	878337.1033	-1194926
Story4	DWals3	Combination	Top	52143.5609	-240	-113.3356	1061.7592	672912.909	-916198.534
Story4	DWals3	Combination	Bottom	54363.6157	-240	-113.3356	1061.7592	701919.9567	-955940.4957
Story4	DWals4	Combination	Top	52143.5609	-240	-366.6644	-3773.7592	673589.0425	-916198.534
Story4	DWals4	Combination	Bottom	54363.6157	-240	-366.6644	-3773.7592	703419.4087	-955940.4957
Story4	DWals5	Combination	Top	52143.5609	-167.2244	-240	-2541.6599	673250.9758	-916180.1432
Story4	DWals5	Combination	Bottom	54363.6157	-167.2244	-240	-2541.6599	702669.6827	-955685.5843
Story4	DWals6	Combination	Top	52143.5609	-312.7756	-240	-170.3401	673250.9758	-916216.9248
Story4	DWals6	Combination	Bottom	54363.6157	-312.7756	-240	-170.3401	702669.6827	-956195.4071
Story4	DWals7	Combination	Top	58269.0951	-300	-141.6695	1327.199	751997.5438	-1023971
Story4	DWals7	Combination	Bottom	61009.5136	-300	-141.6695	1327.199	787809.3684	-1073041

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story4	DWals8	Combination	Top	58269.0951	-300	-458.3305	-4717.199	752842.7108	-1023971
Story4	DWals8	Combination	Bottom	61009.5136	-300	-458.3305	-4717.199	789683.6834	-1073041
Story4	DWals9	Combination	Top	58269.0951	-209.0305	-300	-3177.0748	752420.1273	-1023948
Story4	DWals9	Combination	Bottom	61009.5136	-209.0305	-300	-3177.0748	788746.5259	-1072722
Story4	DWals10	Combination	Top	58269.0951	-390.9695	-300	-212.9252	752420.1273	-1023994
Story4	DWals10	Combination	Bottom	61009.5136	-390.9695	-300	-212.9252	788746.5259	-1073359
Story4	DWals11	Combination	Top	34961.4571	-180	-21.6695	2005.199	451029.4929	-614382.8518
Story4	DWals11	Combination	Bottom	36605.7082	-180	-21.6695	2005.199	472310.7581	-643824.4586
Story4	DWals12	Combination	Top	34961.4571	-180	-338.3305	-4039.199	451874.6599	-614382.8518
Story4	DWals12	Combination	Bottom	36605.7082	-180	-338.3305	-4039.199	474185.0731	-643824.4586
Story4	DWals13	Combination	Top	34961.4571	-89.0305	-180	-2499.0748	451452.0764	-614359.8634
Story4	DWals13	Combination	Bottom	36605.7082	-89.0305	-180	-2499.0748	473247.9156	-643505.8193
Story4	DWals14	Combination	Top	34961.4571	-270.9695	-180	465.0748	451452.0764	-614405.8403
Story4	DWals14	Combination	Bottom	36605.7082	-270.9695	-180	465.0748	473247.9156	-644143.0979
Story4	DWals15	Combination	Top	52143.5609	-2150.4018	-240	23288.1831	673250.9758	-923540.6526
Story4	DWals15	Combination	Bottom	54363.6157	-2162.9967	-240	23450.6568	702669.6827	-969513.8047
Story4	DWals16	Combination	Top	52143.5609	1670.4018	-240	-26000.1831	673250.9758	-908856.4154
Story4	DWals16	Combination	Bottom	54363.6157	1682.9967	-240	-26162.6568	702669.6827	-942367.1867
Story4	DWals17	Combination	Top	52143.5609	-240	-2150.4018	-34883.5514	680593.0943	-916198.534
Story4	DWals17	Combination	Bottom	54363.6157	-240	-2162.9967	-35104.5913	716242.9916	-955940.4957
Story4	DWals18	Combination	Top	52143.5609	-240	1670.4018	32171.5514	665908.8572	-916198.534
Story4	DWals18	Combination	Bottom	54363.6157	-240	1682.9967	32392.5913	689096.3737	-955940.4957
Story4	DWals19	Combination	Top	58269.0951	-2688.0022	-300	29110.2289	752420.1273	-1033149

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story4	DWaiS19	Combination	Bottom	61009.5136	-2703.7458	-300	29313.321	788746.5259	-1090007
Story4	DWaiS20	Combination	Top	58269.0951	2088.0022	-300	-32500.2289	752420.1273	-1014794
Story4	DWaiS20	Combination	Bottom	61009.5136	2103.7458	-300	-32703.321	788746.5259	-1056074
Story4	DWaiS21	Combination	Top	58269.0951	-300	-2688.0022	-43604.4393	761597.7755	-1023971
Story4	DWaiS21	Combination	Bottom	61009.5136	-300	-2703.7458	-43880.7391	805713.1622	-1073041
Story4	DWaiS22	Combination	Top	58269.0951	-300	2088.0022	40214.4393	743242.4791	-1023971
Story4	DWaiS22	Combination	Bottom	61009.5136	-300	2103.7458	40490.7391	771779.8897	-1073041
Story4	DWaiS23	Combination	Top	34961.4571	-2568.0022	-180	29788.2289	451452.0764	-623560.5
Story4	DWaiS23	Combination	Bottom	36605.7082	-2583.7458	-180	29991.321	473247.9156	-660791.0948
Story4	DWaiS24	Combination	Top	34961.4571	2208.0022	-180	-31822.2289	451452.0764	-605205.2036
Story4	DWaiS24	Combination	Bottom	36605.7082	2223.7458	-180	-32025.321	473247.9156	-626857.8224
Story4	DWaiS25	Combination	Top	34961.4571	-180	-2568.0022	-42926.4393	460629.7246	-614382.8518
Story4	DWaiS25	Combination	Bottom	36605.7082	-180	-2583.7458	-43202.7391	490214.5518	-643824.4586
Story4	DWaiS26	Combination	Top	34961.4571	-180	2208.0022	40892.4393	442274.4282	-614382.8518
Story4	DWaiS26	Combination	Bottom	36605.7082	-180	2223.7458	41168.7391	456281.2793	-643824.4586
Story3	Dead	LinStatic	Top	51614.332	-264	-264	-1491.6	666910.0826	-907444.7263
Story3	Dead	LinStatic	Bottom	53441.2776	-264	-264	-1491.6	691335.6816	-940365.6227
Story3	Live	LinStatic	Top	6113.676	0	0	0	78866.4204	-107295.0138
Story3	Live	LinStatic	Bottom	6136.776	0	0	0	79164.4104	-107700.4188
Story3	windx	LinStatic	Top	0	0	144.0174	2772.2062	-624.7717	0
Story3	windx	LinStatic	Bottom	0	0	144.0174	2772.2062	-1092.8282	0
Story3	windy	LinStatic	Top	0	92.8213	0	-1403.1074	0	212.4262
Story3	windy	LinStatic	Bottom	0	92.8213	0	-1403.1074	0	514.0955
Story3	seismic x	LinStatic	Top	0	-1921.9236	0	24792.814	0	-11311.0908
Story3	seismic x	LinStatic	Bottom	0	-1930.7378	0	24906.517	0	-17572.5911
Story3	seismic y	LinStatic	Top	0	0	-1921.9236	-33729.7586	11311.0908	0

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story3	seismic y	LinStatic	Bottom	0	0	-1930.7378	-33884.4475	17572.5911	0
Story3	1.5(DL+LL)	Combination	Top	86592.012	-396	-396	-2237.4	1118664.7544	-1522110
Story3	1.5(DL+LL)	Combination	Bottom	89367.0805	-396	-396	-2237.4	1155750.1381	-1572099
Story3	1.5(DL+EQ:+X)	Combination	Top	77421.498	-3278.8853	-396	34951.821	1000365.1238	-1378134
Story3	1.5(DL+EQ:+X)	Combination	Bottom	80161.9165	-3292.1066	-396	35122.3755	1037003.5225	-1436907
Story3	1.5(DL+EQ:-X)	Combination	Top	77421.498	2486.8853	-396	-39426.621	1000365.1238	-1344200
Story3	1.5(DL+EQ:-X)	Combination	Bottom	80161.9165	2500.1066	-396	-39597.1755	1037003.5225	-1384190
Story3	1.5(DL+EQ:+Y)	Combination	Top	77421.498	-396	-3278.8853	-52832.0379	1017331.7601	-1361167
Story3	1.5(DL+EQ:+Y)	Combination	Bottom	80161.9165	-396	-3292.1066	-53064.0713	1063362.4092	-1410548
Story3	1.5(DL+EQ:-Y)	Combination	Top	77421.498	-396	2486.8853	48357.2379	983398.4876	-1361167
Story3	1.5(DL+EQ:-Y)	Combination	Bottom	80161.9165	-396	2500.1066	48589.2713	1010644.6358	-1410548
Story3	1.5(DL+WL:+X)	Combination	Top	77421.498	-396	-179.9739	1920.9092	999427.9663	-1361167
Story3	1.5(DL+WL:+X)	Combination	Bottom	80161.9165	-396	-179.9739	1920.9092	1035364.2802	-1410548
Story3	1.5(DL+WL:-X)	Combination	Top	77421.498	-396	-612.0261	-6395.7092	1001302.2813	-1361167
Story3	1.5(DL+WL:-X)	Combination	Bottom	80161.9165	-396	-612.0261	-6395.7092	1038642.7648	-1410548
Story3	1.5(DL+WL:+Y)	Combination	Top	77421.498	-256.768	-396	-4342.0611	1000365.1238	-1360848
Story3	1.5(DL+WL:+Y)	Combination	Bottom	80161.9165	-256.768	-396	-4342.0611	1037003.5225	-1409777
Story3	1.5(DL+WL:-Y)	Combination	Top	77421.498	-535.232	-396	-132.7389	1000365.1238	-1361486
Story3	1.5(DL+WL:-Y)	Combination	Bottom	80161.9165	-535.232	-396	-132.7389	1037003.5225	-1411320
Story3	1.2(DL+LL+WL:+X)	Combination	Top	69273.6096	-316.8	-143.9791	1536.7274	894182.0775	-1217688
Story3	1.2(DL+LL+WL:+X)	Combination	Bottom	71493.6644	-316.8	-143.9791	1536.7274	923288.7166	-1257679
Story3	1.2(DL+LL+WL:-X)	Combination	Top	69273.6096	-316.8	-489.6209	-5116.5674	895681.5296	-1217688
Story3	1.2(DL+LL+WL:-X)	Combination	Bottom	71493.6644	-316.8	-489.6209	-5116.5674	925911.5043	-1257679

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story3	1.2(DL+LL+WL:+Y)	Combination	Top	69273.6096	-205.4144	-316.8	-3473.6489	894931.8035	-1217433
Story3	1.2(DL+LL+WL:+Y)	Combination	Bottom	71493.6644	-205.4144	-316.8	-3473.6489	924600.1105	-1257062
Story3	1.2(DL+LL+WL:-Y)	Combination	Top	69273.6096	-428.1856	-316.8	-106.1911	894931.8035	-1217943
Story3	1.2(DL+LL+WL:-Y)	Combination	Bottom	71493.6644	-428.1856	-316.8	-106.1911	924600.1105	-1258296
Story3	1.2(DL+LL+EQ:+X)	Combination	Top	69273.6096	-2623.1083	-316.8	27961.4568	894931.8035	-1231261
Story3	1.2(DL+LL+EQ:+X)	Combination	Bottom	71493.6644	-2633.6853	-316.8	28097.9004	924600.1105	-1278766
Story3	1.2(DL+LL+EQ:-X)	Combination	Top	69273.6096	1989.5083	-316.8	-31541.2968	894931.8035	-1204114
Story3	1.2(DL+LL+EQ:-X)	Combination	Bottom	71493.6644	2000.0853	-316.8	-31677.7404	924600.1105	-1236592
Story3	1.2(DL+LL+EQ:+Y)	Combination	Top	69273.6096	-316.8	-2623.1083	-42265.6303	908505.1125	-1217688
Story3	1.2(DL+LL+EQ:+Y)	Combination	Bottom	71493.6644	-316.8	-2633.6853	-42451.257	945687.2198	-1257679
Story3	1.2(DL+LL+EQ:-Y)	Combination	Top	69273.6096	-316.8	1989.5083	38685.7903	881358.4946	-1217688
Story3	1.2(DL+LL+EQ:-Y)	Combination	Bottom	71493.6644	-316.8	2000.0853	38871.417	903513.0011	-1257679
Story3	0.9DL+1.5EQ+X	Combination	Top	46452.8988	-3120.4853	-237.6	35846.781	600219.0743	-833666.8899
Story3	0.9DL+1.5EQ+X	Combination	Bottom	48097.1499	-3133.7066	-237.6	36017.3355	622202.1135	-872687.9471
Story3	0.9DL+1.5EQ-X	Combination	Top	46452.8988	2645.2853	-237.6	-38531.661	600219.0743	-799733.6174
Story3	0.9DL+1.5EQ-X	Combination	Bottom	48097.1499	2658.5066	-237.6	-38702.2155	622202.1135	-819970.1737
Story3	0.9DL+1.5EQY+	Combination	Top	46452.8988	-237.6	-3120.4853	-51937.0779	617185.7105	-816700.2536
Story3	0.9DL+1.5EQY+	Combination	Bottom	48097.1499	-237.6	-3133.7066	-52169.1113	648561.0002	-846329.0604
Story3	0.9DL+1.5EQY-	Combination	Top	46452.8988	-237.6	2645.2853	49252.1979	583252.4381	-816700.2536
Story3	0.9DL+1.5EQY-	Combination	Bottom	48097.1499	-237.6	2658.5066	49484.2313	595843.2268	-846329.0604
Story3	DWals1	Combination	Top	77421.498	-396	-396	-2237.4	1000365.1238	-1361167
Story3	DWals1	Combination	Bottom	80161.9165	-396	-396	-2237.4	1037003.5225	-1410548
Story3	DWals2	Combination	Top	86592.012	-396	-396	-2237.4	1118664.7544	-1522110

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story3	DWals2	Combination	Bottom	89367.0805	-396	-396	-2237.4	1155750.1381	-1572099
Story3	DWals3	Combination	Top	69273.6096	-316.8	-143.9791	1536.7274	894182.0775	-1217688
Story3	DWals3	Combination	Bottom	71493.6644	-316.8	-143.9791	1536.7274	923288.7166	-1257679
Story3	DWals4	Combination	Top	69273.6096	-316.8	-489.6209	-5116.5674	895681.5296	-1217688
Story3	DWals4	Combination	Bottom	71493.6644	-316.8	-489.6209	-5116.5674	925911.5043	-1257679
Story3	DWals5	Combination	Top	69273.6096	-205.4144	-316.8	-3473.6489	894931.8035	-1217433
Story3	DWals5	Combination	Bottom	71493.6644	-205.4144	-316.8	-3473.6489	924600.1105	-1257062
Story3	DWals6	Combination	Top	69273.6096	-428.1856	-316.8	-106.1911	894931.8035	-1217943
Story3	DWals6	Combination	Bottom	71493.6644	-428.1856	-316.8	-106.1911	924600.1105	-1258296
Story3	DWals7	Combination	Top	77421.498	-396	-179.9739	1920.9092	999427.9663	-1361167
Story3	DWals7	Combination	Bottom	80161.9165	-396	-179.9739	1920.9092	1035364.2802	-1410548
Story3	DWals8	Combination	Top	77421.498	-396	-612.0261	-6395.7092	1001302.2813	-1361167
Story3	DWals8	Combination	Bottom	80161.9165	-396	-612.0261	-6395.7092	1038642.7648	-1410548
Story3	DWals9	Combination	Top	77421.498	-256.768	-396	-4342.0611	1000365.1238	-1360848
Story3	DWals9	Combination	Bottom	80161.9165	-256.768	-396	-4342.0611	1037003.5225	-1409777
Story3	DWals10	Combination	Top	77421.498	-535.232	-396	-132.7389	1000365.1238	-1361486
Story3	DWals10	Combination	Bottom	80161.9165	-535.232	-396	-132.7389	1037003.5225	-1411320
Story3	DWals11	Combination	Top	46452.8988	-237.6	-21.5739	2815.8692	599281.9168	-816700.2536
Story3	DWals11	Combination	Bottom	48097.1499	-237.6	-21.5739	2815.8692	620562.8712	-846329.0604
Story3	DWals12	Combination	Top	46452.8988	-237.6	-453.6261	-5500.7492	601156.2318	-816700.2536
Story3	DWals12	Combination	Bottom	48097.1499	-237.6	-453.6261	-5500.7492	623841.3558	-846329.0604
Story3	DWals13	Combination	Top	46452.8988	-98.368	-237.6	-3447.1011	600219.0743	-816381.6144
Story3	DWals13	Combination	Bottom	48097.1499	-98.368	-237.6	-3447.1011	622202.1135	-845557.9172

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story3	DWalS14	Combination	Top	46452.8988	-376.832	-237.6	762.2211	600219.0743	-817018.8929
Story3	DWalS14	Combination	Bottom	48097.1499	-376.832	-237.6	762.2211	622202.1135	-847100.2037
Story3	DWalS15	Combination	Top	69273.6096	-2623.1083	-316.8	27961.4568	894931.8035	-1231261
Story3	DWalS15	Combination	Bottom	71493.6644	-2633.6853	-316.8	28097.9004	924600.1105	-1278766
Story3	DWalS16	Combination	Top	69273.6096	1989.5083	-316.8	-31541.2968	894931.8035	-1204114
Story3	DWalS16	Combination	Bottom	71493.6644	2000.0853	-316.8	-31677.7404	924600.1105	-1236592
Story3	DWalS17	Combination	Top	69273.6096	-316.8	-2623.1083	-42265.6303	908505.1125	-1217688
Story3	DWalS17	Combination	Bottom	71493.6644	-316.8	-2633.6853	-42451.257	945687.2198	-1257679
Story3	DWalS18	Combination	Top	69273.6096	-316.8	1989.5083	38685.7903	881358.4946	-1217688
Story3	DWalS18	Combination	Bottom	71493.6644	-316.8	2000.0853	38871.417	903513.0011	-1257679
Story3	DWalS19	Combination	Top	77421.498	-3278.8853	-396	34951.821	1000365.1238	-1378134
Story3	DWalS19	Combination	Bottom	80161.9165	-3292.1066	-396	35122.3755	1037003.5225	-1436907
Story3	DWalS20	Combination	Top	77421.498	2486.8853	-396	-39426.621	1000365.1238	-1344200
Story3	DWalS20	Combination	Bottom	80161.9165	2500.1066	-396	-39597.1755	1037003.5225	-1384190
Story3	DWalS21	Combination	Top	77421.498	-396	-3278.8853	-52832.0379	1017331.7601	-1361167
Story3	DWalS21	Combination	Bottom	80161.9165	-396	-3292.1066	-53064.0713	1063362.4092	-1410548
Story3	DWalS22	Combination	Top	77421.498	-396	2486.8853	48357.2379	983398.4876	-1361167
Story3	DWalS22	Combination	Bottom	80161.9165	-396	2500.1066	48589.2713	1010644.6358	-1410548
Story3	DWalS23	Combination	Top	46452.8988	-3120.4853	-237.6	35846.781	600219.0743	-833666.8899
Story3	DWalS23	Combination	Bottom	48097.1499	-3133.7066	-237.6	36017.3355	622202.1135	-872687.9471
Story3	DWalS24	Combination	Top	46452.8988	2645.2853	-237.6	-38531.661	600219.0743	-799733.6174
Story3	DWalS24	Combination	Bottom	48097.1499	2658.5066	-237.6	-38702.2155	622202.1135	-819970.1737
Story3	DWalS25	Combination	Top	46452.8988	-237.6	-3120.4853	-51937.0779	617185.7105	-816700.2536

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story3	DWals25	Combination	Bottom	48097.1499	-237.6	-3133.7066	-52169.1113	648561.0002	-846329.0604
Story3	DWals26	Combination	Top	46452.8988	-237.6	2645.2853	49252.1979	583252.4381	-816700.2536
Story3	DWals26	Combination	Bottom	48097.1499	-237.6	2658.5066	49484.2313	595843.2268	-846329.0604
Story2	Dead	LinStatic	Top	64382.6005	-328	-328	-1853.2	832414.7469	-1132450
Story2	Dead	LinStatic	Bottom	66209.5462	-328	-328	-1853.2	857048.346	-1165579
Story2	Live	LinStatic	Top	7620.448	0	0	0	98303.7792	-133738.8624
Story2	Live	LinStatic	Bottom	7643.548	0	0	0	98601.7692	-134144.2674
Story2	windx	LinStatic	Top	0	0	182.4811	3529.613	-1092.8282	0
Story2	windx	LinStatic	Bottom	0	0	182.4811	3529.613	-1685.8919	0
Story2	windy	LinStatic	Top	0	124.9963	0	-1818.1649	0	514.0955
Story2	windy	LinStatic	Bottom	0	124.9963	0	-1818.1649	0	920.3335
Story2	seismic x	LinStatic	Top	0	-2188.4307	0	28230.7559	0	-17572.5911
Story2	seismic x	LinStatic	Bottom	0	-2196.0197	0	28328.6542	0	-24697.7586
Story2	seismic y	LinStatic	Top	0	0	-2188.4307	-38406.9586	17572.5911	0
Story2	seismic y	LinStatic	Bottom	0	0	-2196.0197	-38540.1458	24697.7586	0
Story2	1.5(DL+LL)	Combination	Top	108004.5728	-492	-492	-2779.8	1396077.7892	-1899283
Story2	1.5(DL+LL)	Combination	Bottom	110779.6413	-492	-492	-2779.8	1433475.1728	-1949585
Story2	1.5(DL+EQ:+X)	Combination	Top	96573.9008	-3774.646	-492	39566.3338	1248622.1204	-1725034
Story2	1.5(DL+EQ:+X)	Combination	Bottom	99314.3193	-3786.0296	-492	39713.1813	1285572.519	-1785415
Story2	1.5(DL+EQ:-X)	Combination	Top	96573.9008	2790.646	-492	-45125.9338	1248622.1204	-1672316
Story2	1.5(DL+EQ:-X)	Combination	Bottom	99314.3193	2802.0296	-492	-45272.7813	1285572.519	-1711321
Story2	1.5(DL+EQ:+Y)	Combination	Top	96573.9008	-492	-3774.646	-60390.2379	1274981.0071	-1698675
Story2	1.5(DL+EQ:+Y)	Combination	Bottom	99314.3193	-492	-3786.0296	-60590.0187	1322619.1569	-1748368
Story2	1.5(DL+EQ:-Y)	Combination	Top	96573.9008	-492	2790.646	54830.6379	1222263.2337	-1698675
Story2	1.5(DL+EQ:-Y)	Combination	Bottom	99314.3193	-492	2802.0296	55030.4187	1248525.8811	-1748368
Story2	1.5(DL+WL:+X)	Combination	Top	96573.9008	-492	-218.2783	2514.6195	1246982.8781	-1698675
Story2	1.5(DL+WL:+X)	Combination	Bottom	99314.3193	-492	-218.2783	2514.6195	1283043.6811	-1748368

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	1.5(DL+WL:-X)	Combination	Top	96573.9008	-492	-765.7217	-8074.2195	1250261.3627	-1698675
Story2	1.5(DL+WL:-X)	Combination	Bottom	99314.3193	-492	-765.7217	-8074.2195	1288101.3569	-1748368
Story2	1.5(DL+WL:+Y)	Combination	Top	96573.9008	-304.5055	-492	-5507.0473	1248622.1204	-1697904
Story2	1.5(DL+WL:+Y)	Combination	Bottom	99314.3193	-304.5055	-492	-5507.0473	1285572.519	-1746988
Story2	1.5(DL+WL:-Y)	Combination	Top	96573.9008	-679.4945	-492	-52.5527	1248622.1204	-1699446
Story2	1.5(DL+WL:-Y)	Combination	Bottom	99314.3193	-679.4945	-492	-52.5527	1285572.519	-1749749
Story2	1.2(DL+LL+WL:+X)	Combination	Top	86403.6582	-393.6	-174.6226	2011.6956	1115550.8375	-1519426
Story2	1.2(DL+LL+WL:+X)	Combination	Bottom	88623.713	-393.6	-174.6226	2011.6956	1144757.0679	-1559668
Story2	1.2(DL+LL+WL:-X)	Combination	Top	86403.6582	-393.6	-612.5774	-6459.3756	1118173.6252	-1519426
Story2	1.2(DL+LL+WL:-X)	Combination	Bottom	88623.713	-393.6	-612.5774	-6459.3756	1148803.2086	-1559668
Story2	1.2(DL+LL+WL:+Y)	Combination	Top	86403.6582	-243.6044	-393.6	-4405.6379	1116862.2313	-1518810
Story2	1.2(DL+LL+WL:+Y)	Combination	Bottom	88623.713	-243.6044	-393.6	-4405.6379	1146780.1382	-1558563
Story2	1.2(DL+LL+WL:-Y)	Combination	Top	86403.6582	-543.5956	-393.6	-42.0421	1116862.2313	-1520043
Story2	1.2(DL+LL+WL:-Y)	Combination	Bottom	88623.713	-543.5956	-393.6	-42.0421	1146780.1382	-1560772
Story2	1.2(DL+LL+EQ:+X)	Combination	Top	86403.6582	-3019.7168	-393.6	31653.0671	1116862.2313	-1540514
Story2	1.2(DL+LL+EQ:+X)	Combination	Bottom	88623.713	-3028.8236	-393.6	31770.545	1146780.1382	-1589305
Story2	1.2(DL+LL+EQ;-X)	Combination	Top	86403.6582	2232.5168	-393.6	-36100.7471	1116862.2313	-1498339
Story2	1.2(DL+LL+EQ;-X)	Combination	Bottom	88623.713	2241.6236	-393.6	-36218.225	1146780.1382	-1530030
Story2	1.2(DL+LL+EQ:+Y)	Combination	Top	86403.6582	-393.6	-3019.7168	-48312.1903	1137949.3407	-1519426
Story2	1.2(DL+LL+EQ:+Y)	Combination	Bottom	88623.713	-393.6	-3028.8236	-48472.015	1176417.4486	-1559668
Story2	1.2(DL+LL+EQ:-Y)	Combination	Top	86403.6582	-393.6	2232.5168	43864.5103	1095775.122	-1519426
Story2	1.2(DL+LL+EQ:-Y)	Combination	Bottom	88623.713	-393.6	2241.6236	44024.335	1117142.8279	-1559668
Story2	0.9DL+1.5EQ+X	Combination	Top	57944.3405	-3577.846	-295.2	40678.2538	749173.2722	-1045564

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	0.9DL+1.5EQ+X	Combination	Bottom	59588.5916	-3589.2296	-295.2	40825.1013	771343.5114	-1086068
Story2	0.9DL+1.5EQ-X	Combination	Top	57944.3405	2987.446	-295.2	-44014.0138	749173.2722	-992845.9688
Story2	0.9DL+1.5EQ-X	Combination	Bottom	59588.5916	2998.8296	-295.2	-44160.8613	771343.5114	-1011974
Story2	0.9DL+1.5EQY+	Combination	Top	57944.3405	-295.2	-3577.846	-59278.3179	775532.1589	-1019205
Story2	0.9DL+1.5EQY+	Combination	Bottom	59588.5916	-295.2	-3589.2296	-59478.0987	808390.1493	-1049021
Story2	0.9DL+1.5EQY-	Combination	Top	57944.3405	-295.2	2987.446	55942.5579	722814.3855	-1019205
Story2	0.9DL+1.5EQY-	Combination	Bottom	59588.5916	-295.2	2998.8296	56142.3387	734296.8735	-1049021
Story2	DWals1	Combination	Top	96573.9008	-492	-492	-2779.8	1248622.1204	-1698675
Story2	DWals1	Combination	Bottom	99314.3193	-492	-492	-2779.8	1285572.519	-1748368
Story2	DWals2	Combination	Top	108004.5728	-492	-492	-2779.8	1396077.7892	-1899283
Story2	DWals2	Combination	Bottom	110779.6413	-492	-492	-2779.8	1433475.1728	-1949585
Story2	DWals3	Combination	Top	86403.6582	-393.6	-174.6226	2011.6956	1115550.8375	-1519426
Story2	DWals3	Combination	Bottom	88623.713	-393.6	-174.6226	2011.6956	1144757.0679	-1559668
Story2	DWals4	Combination	Top	86403.6582	-393.6	-612.5774	-6459.3756	1118173.6252	-1519426
Story2	DWals4	Combination	Bottom	88623.713	-393.6	-612.5774	-6459.3756	1148803.2086	-1559668
Story2	DWals5	Combination	Top	86403.6582	-243.6044	-393.6	-4405.6379	1116862.2313	-1518810
Story2	DWals5	Combination	Bottom	88623.713	-243.6044	-393.6	-4405.6379	1146780.1382	-1558563
Story2	DWals6	Combination	Top	86403.6582	-543.5956	-393.6	-42.0421	1116862.2313	-1520043
Story2	DWals6	Combination	Bottom	88623.713	-543.5956	-393.6	-42.0421	1146780.1382	-1560772
Story2	DWals7	Combination	Top	96573.9008	-492	-218.2783	2514.6195	1246982.8781	-1698675
Story2	DWals7	Combination	Bottom	99314.3193	-492	-218.2783	2514.6195	1283043.6811	-1748368
Story2	DWals8	Combination	Top	96573.9008	-492	-765.7217	-8074.2195	1250261.3627	-1698675
Story2	DWals8	Combination	Bottom	99314.3193	-492	-765.7217	-8074.2195	1288101.3569	-1748368

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	DWalS9	Combination	Top	96573.9008	-304.5055	-492	-5507.0473	1248622.1204	-1697904
Story2	DWalS9	Combination	Bottom	99314.3193	-304.5055	-492	-5507.0473	1285572.519	-1746988
Story2	DWalS10	Combination	Top	96573.9008	-679.4945	-492	-52.5527	1248622.1204	-1699446
Story2	DWalS10	Combination	Bottom	99314.3193	-679.4945	-492	-52.5527	1285572.519	-1749749
Story2	DWalS11	Combination	Top	57944.3405	-295.2	-21.4783	3626.5395	747534.0299	-1019205
Story2	DWalS11	Combination	Bottom	59588.5916	-295.2	-21.4783	3626.5395	768814.6735	-1049021
Story2	DWalS12	Combination	Top	57944.3405	-295.2	-568.9217	-6962.2995	750812.5145	-1019205
Story2	DWalS12	Combination	Bottom	59588.5916	-295.2	-568.9217	-6962.2995	773872.3493	-1049021
Story2	DWalS13	Combination	Top	57944.3405	-107.7055	-295.2	-4395.1273	749173.2722	-1018434
Story2	DWalS13	Combination	Bottom	59588.5916	-107.7055	-295.2	-4395.1273	771343.5114	-1047640
Story2	DWalS14	Combination	Top	57944.3405	-482.6945	-295.2	1059.3673	749173.2722	-1019976
Story2	DWalS14	Combination	Bottom	59588.5916	-482.6945	-295.2	1059.3673	771343.5114	-1050401
Story2	DWalS15	Combination	Top	86403.6582	-3019.7168	-393.6	31653.0671	1116862.2313	-1540514
Story2	DWalS15	Combination	Bottom	88623.713	-3028.8236	-393.6	31770.545	1146780.1382	-1589305
Story2	DWalS16	Combination	Top	86403.6582	2232.5168	-393.6	-36100.7471	1116862.2313	-1498339
Story2	DWalS16	Combination	Bottom	88623.713	2241.6236	-393.6	-36218.225	1146780.1382	-1530030
Story2	DWalS17	Combination	Top	86403.6582	-393.6	-3019.7168	-48312.1903	1137949.3407	-1519426
Story2	DWalS17	Combination	Bottom	88623.713	-393.6	-3028.8236	-48472.015	1176417.4486	-1559668
Story2	DWalS18	Combination	Top	86403.6582	-393.6	2232.5168	43864.5103	1095775.122	-1519426
Story2	DWalS18	Combination	Bottom	88623.713	-393.6	2241.6236	44024.335	1117142.8279	-1559668
Story2	DWalS19	Combination	Top	96573.9008	-3774.646	-492	39566.3338	1248622.1204	-1725034
Story2	DWalS19	Combination	Bottom	99314.3193	-3786.0296	-492	39713.1813	1285572.519	-1785415
Story2	DWalS20	Combination	Top	96573.9008	2790.646	-492	-45125.9338	1248622.1204	-1672316

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	DWaiS20	Combination	Bottom	99314.3193	2802.0296	-492	-45272.7813	1285572.519	-1711321
Story2	DWaiS21	Combination	Top	96573.9008	-492	-3774.646	-60390.2379	1274981.0071	-1698675
Story2	DWaiS21	Combination	Bottom	99314.3193	-492	-3786.0296	-60590.0187	1322619.1569	-1748368
Story2	DWaiS22	Combination	Top	96573.9008	-492	2790.646	54830.6379	1222263.2337	-1698675
Story2	DWaiS22	Combination	Bottom	99314.3193	-492	2802.0296	55030.4187	1248525.8811	-1748368
Story2	DWaiS23	Combination	Top	57944.3405	-3577.846	-295.2	40678.2538	749173.2722	-1045564
Story2	DWaiS23	Combination	Bottom	59588.5916	-3589.2296	-295.2	40825.1013	771343.5114	-1086068
Story2	DWaiS24	Combination	Top	57944.3405	2987.446	-295.2	-44014.0138	749173.2722	-992845.9688
Story2	DWaiS24	Combination	Bottom	59588.5916	2998.8296	-295.2	-44160.8613	771343.5114	-1011974
Story2	DWaiS25	Combination	Top	57944.3405	-295.2	-3577.846	-59278.3179	775532.1589	-1019205
Story2	DWaiS25	Combination	Bottom	59588.5916	-295.2	-3589.2296	-59478.0987	808390.1493	-1049021
Story2	DWaiS26	Combination	Top	57944.3405	-295.2	2987.446	55942.5579	722814.3855	-1019205
Story2	DWaiS26	Combination	Bottom	59588.5916	-295.2	2998.8296	56142.3387	734296.8735	-1049021
Story1	Dead	LinStatic	Top	77150.8691	-392	-392	-2214.8	998127.4113	-1357663
Story1	Dead	LinStatic	Bottom	78977.8148	-392	-392	-2214.8	1022969.0104	-1391000
Story1	Live	LinStatic	Top	9127.22	0	0	0	117741.138	-160182.711
Story1	Live	LinStatic	Bottom	9150.32	0	0	0	118039.128	-160588.116
Story1	windx	LinStatic	Top	0	0	220.9449	4287.0198	-1685.8919	0
Story1	windx	LinStatic	Bottom	0	0	220.9449	4287.0198	-2403.9628	0
Story1	windy	LinStatic	Top	0	157.1713	0	-2233.2224	0	920.3335
Story1	windy	LinStatic	Bottom	0	157.1713	0	-2233.2224	0	1431.1404
Story1	seismic x	LinStatic	Top	0	-2414.9745	0	31153.1708	0	-24697.7586
Story1	seismic x	LinStatic	Bottom	0	-2421.7947	0	31241.1516	0	-32557.6366
Story1	seismic y	LinStatic	Top	0	0	-2414.9745	-42382.8021	24697.7586	0
Story1	seismic y	LinStatic	Bottom	0	0	-2421.7947	-42502.4969	32557.6366	0
Story1	1.5(DL+LL)	Combination	Top	129417.1336	-588	-588	-3322.2	1673802.8239	-2276768
Story1	1.5(DL+LL)	Combination	Bottom	132192.2021	-588	-588	-3322.2	1711512.2075	-2327382

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	1.5(DL+EQ:+X)	Combination	Top	115726.3036	-4210.4617	-588	43407.5562	1497191.1169	-2073541
Story1	1.5(DL+EQ:+X)	Combination	Bottom	118466.7221	-4220.692	-588	43539.5273	1534453.5155	-2135336
Story1	1.5(DL+EQ:-X)	Combination	Top	115726.3036	3034.4617	-588	-50051.9562	1497191.1169	-1999448
Story1	1.5(DL+EQ:-X)	Combination	Bottom	118466.7221	3044.692	-588	-50183.9273	1534453.5155	-2037663
Story1	1.5(DL+EQ:+Y)	Combination	Top	115726.3036	-588	-4210.4617	-66896.4032	1534237.7548	-2036494
Story1	1.5(DL+EQ:+Y)	Combination	Bottom	118466.7221	-588	-4220.692	-67075.9453	1583289.9705	-2086500
Story1	1.5(DL+EQ:-Y)	Combination	Top	115726.3036	-588	3034.4617	60252.0032	1460144.479	-2036494
Story1	1.5(DL+EQ:-Y)	Combination	Bottom	118466.7221	-588	3044.692	60431.5453	1485617.0606	-2086500
Story1	1.5(DL+WL:+X)	Combination	Top	115726.3036	-588	-256.5827	3108.3297	1494662.279	-2036494
Story1	1.5(DL+WL:+X)	Combination	Bottom	118466.7221	-588	-256.5827	3108.3297	1530847.5713	-2086500
Story1	1.5(DL+WL:-X)	Combination	Top	115726.3036	-588	-919.4173	-9752.7297	1499719.9548	-2036494
Story1	1.5(DL+WL:-X)	Combination	Bottom	118466.7221	-588	-919.4173	-9752.7297	1538059.4598	-2086500
Story1	1.5(DL+WL:+Y)	Combination	Top	115726.3036	-352.243	-588	-6672.0336	1497191.1169	-2035114
Story1	1.5(DL+WL:+Y)	Combination	Bottom	118466.7221	-352.243	-588	-6672.0336	1534453.5155	-2084353
Story1	1.5(DL+WL:-Y)	Combination	Top	115726.3036	-823.757	-588	27.6336	1497191.1169	-2037875
Story1	1.5(DL+WL:-Y)	Combination	Bottom	118466.7221	-823.757	-588	27.6336	1534453.5155	-2088646
Story1	1.2(DL+LL+WL:+X)	Combination	Top	103533.7069	-470.4	-205.2661	2486.6637	1337019.1888	-1821415
Story1	1.2(DL+LL+WL:+X)	Combination	Bottom	105753.7617	-470.4	-205.2661	2486.6637	1366325.0106	-1861906
Story1	1.2(DL+LL+WL:-X)	Combination	Top	103533.7069	-470.4	-735.5339	-7802.1837	1341065.3294	-1821415
Story1	1.2(DL+LL+WL:-X)	Combination	Bottom	105753.7617	-470.4	-735.5339	-7802.1837	1372094.5214	-1861906
Story1	1.2(DL+LL+WL:+Y)	Combination	Top	103533.7069	-281.7944	-470.4	-5337.6269	1339042.2591	-1820310
Story1	1.2(DL+LL+WL:+Y)	Combination	Bottom	105753.7617	-281.7944	-470.4	-5337.6269	1369209.766	-1860188
Story1	1.2(DL+LL+WL:-Y)	Combination	Top	103533.7069	-659.0056	-470.4	22.1069	1339042.2591	-1822519

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	1.2(DL+LL+WL;-Y)	Combination	Bottom	105753.7617	-659.0056	-470.4	22.1069	1369209.766	-1863623
Story1	1.2(DL+LL+EQ;+X)	Combination	Top	103533.7069	-3368.3694	-470.4	34726.045	1339042.2591	-1851052
Story1	1.2(DL+LL+EQ;+X)	Combination	Bottom	105753.7617	-3376.5536	-470.4	34831.6219	1369209.766	-1900975
Story1	1.2(DL+LL+EQ;-X)	Combination	Top	103533.7069	2427.5694	-470.4	-40041.565	1339042.2591	-1791777
Story1	1.2(DL+LL+EQ;-X)	Combination	Bottom	105753.7617	2435.7536	-470.4	-40147.1419	1369209.766	-1822836
Story1	1.2(DL+LL+EQ;+Y)	Combination	Top	103533.7069	-470.4	-3368.3694	-53517.1226	1368679.5695	-1821415
Story1	1.2(DL+LL+EQ;+Y)	Combination	Bottom	105753.7617	-470.4	-3376.5536	-53660.7563	1408278.93	-1861906
Story1	1.2(DL+LL+EQ;-Y)	Combination	Top	103533.7069	-470.4	2427.5694	48201.6026	1309404.9488	-1821415
Story1	1.2(DL+LL+EQ;-Y)	Combination	Bottom	105753.7617	-470.4	2435.7536	48345.2363	1330140.6021	-1861906
Story1	0.9DL+1.5EQ+X	Combination	Top	69435.7822	-3975.2617	-352.8	44736.4362	898314.6701	-1258943
Story1	0.9DL+1.5EQ+X	Combination	Bottom	71080.0333	-3985.492	-352.8	44868.4073	920672.1093	-1300736
Story1	0.9DL+1.5EQ-X	Combination	Top	69435.7822	3269.6617	-352.8	-48723.0762	898314.6701	-1184850
Story1	0.9DL+1.5EQ-X	Combination	Bottom	71080.0333	3279.892	-352.8	-48855.0473	920672.1093	-1203063
Story1	0.9DL+1.5EQY+	Combination	Top	69435.7822	-352.8	-3975.2617	-65567.5232	935361.3081	-1221897
Story1	0.9DL+1.5EQY+	Combination	Bottom	71080.0333	-352.8	-3985.492	-65747.0653	969508.5642	-1251900
Story1	0.9DL+1.5EQY-	Combination	Top	69435.7822	-352.8	3269.6617	61580.8832	861268.0322	-1221897
Story1	0.9DL+1.5EQY-	Combination	Bottom	71080.0333	-352.8	3279.892	61760.4253	871835.6544	-1251900
Story1	DWals1	Combination	Top	115726.3036	-588	-588	-3322.2	1497191.1169	-2036494
Story1	DWals1	Combination	Bottom	118466.7221	-588	-588	-3322.2	1534453.5155	-2086500
Story1	DWals2	Combination	Top	129417.1336	-588	-588	-3322.2	1673802.8239	-2276768
Story1	DWals2	Combination	Bottom	132192.2021	-588	-588	-3322.2	1711512.2075	-2327382
Story1	DWals3	Combination	Top	103533.7069	-470.4	-205.2661	2486.6637	1337019.1888	-1821415
Story1	DWals3	Combination	Bottom	105753.7617	-470.4	-205.2661	2486.6637	1366325.0106	-1861906

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	DWals4	Combination	Top	103533.7069	-470.4	-735.5339	-7802.1837	1341065.3294	-1821415
Story1	DWals4	Combination	Bottom	105753.7617	-470.4	-735.5339	-7802.1837	1372094.5214	-1861906
Story1	DWals5	Combination	Top	103533.7069	-281.7944	-470.4	-5337.6269	1339042.2591	-1820310
Story1	DWals5	Combination	Bottom	105753.7617	-281.7944	-470.4	-5337.6269	1369209.766	-1860188
Story1	DWals6	Combination	Top	103533.7069	-659.0056	-470.4	22.1069	1339042.2591	-1822519
Story1	DWals6	Combination	Bottom	105753.7617	-659.0056	-470.4	22.1069	1369209.766	-1863623
Story1	DWals7	Combination	Top	115726.3036	-588	-256.5827	3108.3297	1494662.279	-2036494
Story1	DWals7	Combination	Bottom	118466.7221	-588	-256.5827	3108.3297	1530847.5713	-2086500
Story1	DWals8	Combination	Top	115726.3036	-588	-919.4173	-9752.7297	1499719.9548	-2036494
Story1	DWals8	Combination	Bottom	118466.7221	-588	-919.4173	-9752.7297	1538059.4598	-2086500
Story1	DWals9	Combination	Top	115726.3036	-352.243	-588	-6672.0336	1497191.1169	-2035114
Story1	DWals9	Combination	Bottom	118466.7221	-352.243	-588	-6672.0336	1534453.5155	-2084353
Story1	DWals10	Combination	Top	115726.3036	-823.757	-588	27.6336	1497191.1169	-2037875
Story1	DWals10	Combination	Bottom	118466.7221	-823.757	-588	27.6336	1534453.5155	-2088646
Story1	DWals11	Combination	Top	69435.7822	-352.8	-21.3827	4437.2097	895785.8322	-1221897
Story1	DWals11	Combination	Bottom	71080.0333	-352.8	-21.3827	4437.2097	917066.1651	-1251900
Story1	DWals12	Combination	Top	69435.7822	-352.8	-684.2173	-8423.8497	900843.508	-1221897
Story1	DWals12	Combination	Bottom	71080.0333	-352.8	-684.2173	-8423.8497	924278.0536	-1251900
Story1	DWals13	Combination	Top	69435.7822	-117.043	-352.8	-5343.1536	898314.6701	-1220516
Story1	DWals13	Combination	Bottom	71080.0333	-117.043	-352.8	-5343.1536	920672.1093	-1249753
Story1	DWals14	Combination	Top	69435.7822	-588.557	-352.8	1356.5136	898314.6701	-1223277
Story1	DWals14	Combination	Bottom	71080.0333	-588.557	-352.8	1356.5136	920672.1093	-1254047
Story1	DWals15	Combination	Top	103533.7069	-3368.3694	-470.4	34726.045	1339042.2591	-1851052

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	DWalS15	Combination	Bottom	105753.7617	-3376.5536	-470.4	34831.6219	1369209.766	-1900975
Story1	DWalS16	Combination	Top	103533.7069	2427.5694	-470.4	-40041.565	1339042.2591	-1791777
Story1	DWalS16	Combination	Bottom	105753.7617	2435.7536	-470.4	-40147.1419	1369209.766	-1822836
Story1	DWalS17	Combination	Top	103533.7069	-470.4	-3368.3694	-53517.1226	1368679.5695	-1821415
Story1	DWalS17	Combination	Bottom	105753.7617	-470.4	-3376.5536	-53660.7563	1408278.93	-1861906
Story1	DWalS18	Combination	Top	103533.7069	-470.4	2427.5694	48201.6026	1309404.9488	-1821415
Story1	DWalS18	Combination	Bottom	105753.7617	-470.4	2435.7536	48345.2363	1330140.6021	-1861906
Story1	DWalS19	Combination	Top	115726.3036	-4210.4617	-588	43407.5562	1497191.1169	-2073541
Story1	DWalS19	Combination	Bottom	118466.7221	-4220.692	-588	43539.5273	1534453.5155	-2135336
Story1	DWalS20	Combination	Top	115726.3036	3034.4617	-588	-50051.9562	1497191.1169	-1999448
Story1	DWalS20	Combination	Bottom	118466.7221	3044.692	-588	-50183.9273	1534453.5155	-2037663
Story1	DWalS21	Combination	Top	115726.3036	-588	-4210.4617	-66896.4032	1534237.7548	-2036494
Story1	DWalS21	Combination	Bottom	118466.7221	-588	-4220.692	-67075.9453	1583289.9705	-2086500
Story1	DWalS22	Combination	Top	115726.3036	-588	3034.4617	60252.0032	1460144.479	-2036494
Story1	DWalS22	Combination	Bottom	118466.7221	-588	3044.692	60431.5453	1485617.0606	-2086500
Story1	DWalS23	Combination	Top	69435.7822	-3975.2617	-352.8	44736.4362	898314.6701	-1258943
Story1	DWalS23	Combination	Bottom	71080.0333	-3985.492	-352.8	44868.4073	920672.1093	-1300736
Story1	DWalS24	Combination	Top	69435.7822	3269.6617	-352.8	-48723.0762	898314.6701	-1184850
Story1	DWalS24	Combination	Bottom	71080.0333	3279.892	-352.8	-48855.0473	920672.1093	-1203063
Story1	DWalS25	Combination	Top	69435.7822	-352.8	-3975.2617	-65567.5232	935361.3081	-1221897
Story1	DWalS25	Combination	Bottom	71080.0333	-352.8	-3985.492	-65747.0653	969508.5642	-1251900
Story1	DWalS26	Combination	Top	69435.7822	-352.8	3269.6617	61580.8832	861268.0322	-1221897
Story1	DWalS26	Combination	Bottom	71080.0333	-352.8	3279.892	61760.4253	871835.6544	-1251900

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
ground	Dead	LinStatic	Top	91191.4804	-456	-456	-2576.4	1180461.2977	-1605615
ground	Dead	LinStatic	Bottom	91569.9806	-456	-456	-2576.4	1185617.5502	-1612532
ground	Live	LinStatic	Top	10816.68	0	0	0	139535.172	-189832.734
ground	Live	LinStatic	Bottom	10816.68	0	0	0	139535.172	-189832.734
ground	windx	LinStatic	Top	0	0	244.0243	4733.2468	-2403.9628	0
ground	windx	LinStatic	Bottom	0	0	244.0243	4733.2468	-2550.3774	0
ground	windy	LinStatic	Top	0	176.2288	0	-2479.0641	0	1431.1404
ground	windy	LinStatic	Bottom	0	176.2288	0	-2479.0641	0	1536.8776
ground	seismic x	LinStatic	Top	0	-2625.023	0	33862.797	0	-32557.6366
ground	seismic x	LinStatic	Bottom	0	-2625.023	0	33862.797	0	-34132.6504
ground	seismic y	LinStatic	Top	0	0	-2625.023	-46069.1663	32557.6366	0
ground	seismic y	LinStatic	Bottom	0	0	-2625.023	-46069.1663	34132.6504	0
ground	1.5(DL+LL)	Combination	Top	153012.2407	-684	-684	-3864.6	1979994.7045	-2693172
ground	1.5(DL+LL)	Combination	Bottom	153579.991	-684	-684	-3864.6	1987729.0834	-2703546
ground	1.5(DL+EQ:+X)	Combination	Top	136787.2207	-4621.5345	-684	46929.5955	1770691.9465	-2457259
ground	1.5(DL+EQ:+X)	Combination	Bottom	137354.971	-4621.5345	-684	46929.5955	1778426.3254	-2469996
ground	1.5(DL+EQ:-X)	Combination	Top	136787.2207	3253.5345	-684	-54658.7955	1770691.9465	-2359587
ground	1.5(DL+EQ:-X)	Combination	Bottom	137354.971	3253.5345	-684	-54658.7955	1778426.3254	-2367598
ground	1.5(DL+EQ:+Y)	Combination	Top	136787.2207	-684	-4621.5345	-72968.3495	1819528.4015	-2408423
ground	1.5(DL+EQ:+Y)	Combination	Bottom	137354.971	-684	-4621.5345	-72968.3495	1829625.301	-2418797
ground	1.5(DL+EQ:-Y)	Combination	Top	136787.2207	-684	3253.5345	65239.1495	1721855.4916	-2408423
ground	1.5(DL+EQ:-Y)	Combination	Bottom	137354.971	-684	3253.5345	65239.1495	1727227.3497	-2418797
ground	1.5(DL+WL:+X)	Combination	Top	136787.2207	-684	-317.9636	3235.2702	1767086.0023	-2408423
ground	1.5(DL+WL:+X)	Combination	Bottom	137354.971	-684	-317.9636	3235.2702	1774600.7593	-2418797
ground	1.5(DL+WL:-X)	Combination	Top	136787.2207	-684	-1050.0364	-10964.4702	1774297.8908	-2408423
ground	1.5(DL+WL:-X)	Combination	Bottom	137354.971	-684	-1050.0364	-10964.4702	1782251.8915	-2418797
ground	1.5(DL+WL:+Y)	Combination	Top	136787.2207	-419.6568	-684	-7583.1962	1770691.9465	-2406276

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
ground	1.5(DL+WL:+Y)	Combination	Bottom	137354.971	-419.6568	-684	-7583.1962	1778426.3254	-2416492
ground	1.5(DL+WL:-Y)	Combination	Top	136787.2207	-948.3432	-684	-146.0038	1770691.9465	-2410570
ground	1.5(DL+WL:-Y)	Combination	Bottom	137354.971	-948.3432	-684	-146.0038	1778426.3254	-2421103
ground	1.2(DL+LL+WL:+X)	Combination	Top	122409.7925	-547.2	-254.3709	2588.2162	1581111.0082	-2154538
ground	1.2(DL+LL+WL:+X)	Combination	Bottom	122863.9928	-547.2	-254.3709	2588.2162	1587122.8138	-2162837
ground	1.2(DL+LL+WL:-X)	Combination	Top	122409.7925	-547.2	-840.0291	-8771.5762	1586880.519	-2154538
ground	1.2(DL+LL+WL:-X)	Combination	Bottom	122863.9928	-547.2	-840.0291	-8771.5762	1593243.7196	-2162837
ground	1.2(DL+LL+WL:+Y)	Combination	Top	122409.7925	-335.7254	-547.2	-6066.557	1583995.7636	-2152820
ground	1.2(DL+LL+WL:+Y)	Combination	Bottom	122863.9928	-335.7254	-547.2	-6066.557	1590183.2667	-2160993
ground	1.2(DL+LL+WL:-Y)	Combination	Top	122409.7925	-758.6746	-547.2	-116.803	1583995.7636	-2156255
ground	1.2(DL+LL+WL:-Y)	Combination	Bottom	122863.9928	-758.6746	-547.2	-116.803	1590183.2667	-2164681
ground	1.2(DL+LL+EQ:+X)	Combination	Top	122409.7925	-3697.2276	-547.2	37543.6764	1583995.7636	-2193607
ground	1.2(DL+LL+EQ:+X)	Combination	Bottom	122863.9928	-3697.2276	-547.2	37543.6764	1590183.2667	-2203796
ground	1.2(DL+LL+EQ:-X)	Combination	Top	122409.7925	2602.8276	-547.2	-43727.0364	1583995.7636	-2115468
ground	1.2(DL+LL+EQ:-X)	Combination	Bottom	122863.9928	2602.8276	-547.2	-43727.0364	1590183.2667	-2121878
ground	1.2(DL+LL+EQ:+Y)	Combination	Top	122409.7925	-547.2	-3697.2276	-58374.6796	1623064.9276	-2154538
ground	1.2(DL+LL+EQ:+Y)	Combination	Bottom	122863.9928	-547.2	-3697.2276	-58374.6796	1631142.4472	-2162837
ground	1.2(DL+LL+EQ:-Y)	Combination	Top	122409.7925	-547.2	2602.8276	52191.3196	1544926.5997	-2154538
ground	1.2(DL+LL+EQ:-Y)	Combination	Bottom	122863.9928	-547.2	2602.8276	52191.3196	1549224.0862	-2162837
ground	0.9DL+1.5EQ+X	Combination	Top	82072.3324	-4347.9345	-410.4	48475.4355	1062415.1679	-1493890
ground	0.9DL+1.5EQ+X	Combination	Bottom	82412.9826	-4347.9345	-410.4	48475.4355	1067055.7952	-1502477
ground	0.9DL+1.5EQ-X	Combination	Top	82072.3324	3527.1345	-410.4	-53112.9555	1062415.1679	-1396217
ground	0.9DL+1.5EQ-X	Combination	Bottom	82412.9826	3527.1345	-410.4	-53112.9555	1067055.7952	-1400079

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
ground	0.9DL+1.5EQY+	Combination	Top	82072.3324	-410.4	-4347.9345	-71422.5095	1111251.6228	-1445054
ground	0.9DL+1.5EQY+	Combination	Bottom	82412.9826	-410.4	-4347.9345	-71422.5095	1118254.7709	-1451278
ground	0.9DL+1.5EQY-	Combination	Top	82072.3324	-410.4	3527.1345	66784.9895	1013578.713	-1445054
ground	0.9DL+1.5EQY-	Combination	Bottom	82412.9826	-410.4	3527.1345	66784.9895	1015856.8196	-1451278
ground	DWals1	Combination	Top	136787.2207	-684	-684	-3864.6	1770691.9465	-2408423
ground	DWals1	Combination	Bottom	137354.971	-684	-684	-3864.6	1778426.3254	-2418797
ground	DWals2	Combination	Top	153012.2407	-684	-684	-3864.6	1979994.7045	-2693172
ground	DWals2	Combination	Bottom	153579.991	-684	-684	-3864.6	1987729.0834	-2703546
ground	DWals3	Combination	Top	122409.7925	-547.2	-254.3709	2588.2162	1581111.0082	-2154538
ground	DWals3	Combination	Bottom	122863.9928	-547.2	-254.3709	2588.2162	1587122.8138	-2162837
ground	DWals4	Combination	Top	122409.7925	-547.2	-840.0291	-8771.5762	1586880.519	-2154538
ground	DWals4	Combination	Bottom	122863.9928	-547.2	-840.0291	-8771.5762	1593243.7196	-2162837
ground	DWals5	Combination	Top	122409.7925	-335.7254	-547.2	-6066.557	1583995.7636	-2152820
ground	DWals5	Combination	Bottom	122863.9928	-335.7254	-547.2	-6066.557	1590183.2667	-2160993
ground	DWals6	Combination	Top	122409.7925	-758.6746	-547.2	-116.803	1583995.7636	-2156255
ground	DWals6	Combination	Bottom	122863.9928	-758.6746	-547.2	-116.803	1590183.2667	-2164681
ground	DWals7	Combination	Top	136787.2207	-684	-317.9636	3235.2702	1767086.0023	-2408423
ground	DWals7	Combination	Bottom	137354.971	-684	-317.9636	3235.2702	1774600.7593	-2418797
ground	DWals8	Combination	Top	136787.2207	-684	-1050.0364	-10964.4702	1774297.8908	-2408423
ground	DWals8	Combination	Bottom	137354.971	-684	-1050.0364	-10964.4702	1782251.8915	-2418797
ground	DWals9	Combination	Top	136787.2207	-419.6568	-684	-7583.1962	1770691.9465	-2406276
ground	DWals9	Combination	Bottom	137354.971	-419.6568	-684	-7583.1962	1778426.3254	-2416492
ground	DWals10	Combination	Top	136787.2207	-948.3432	-684	-146.0038	1770691.9465	-2410570

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
ground	DWalS10	Combination	Bottom	137354.971	-948.3432	-684	-146.0038	1778426.3254	-2421103
ground	DWalS11	Combination	Top	82072.3324	-410.4	-44.3636	4781.1102	1058809.2236	-1445054
ground	DWalS11	Combination	Bottom	82412.9826	-410.4	-44.3636	4781.1102	1063230.2291	-1451278
ground	DWalS12	Combination	Top	82072.3324	-410.4	-776.4364	-9418.6302	1066021.1122	-1445054
ground	DWalS12	Combination	Bottom	82412.9826	-410.4	-776.4364	-9418.6302	1070881.3613	-1451278
ground	DWalS13	Combination	Top	82072.3324	-146.0568	-410.4	-6037.3562	1062415.1679	-1442907
ground	DWalS13	Combination	Bottom	82412.9826	-146.0568	-410.4	-6037.3562	1067055.7952	-1448973
ground	DWalS14	Combination	Top	82072.3324	-674.7432	-410.4	1399.8362	1062415.1679	-1447200
ground	DWalS14	Combination	Bottom	82412.9826	-674.7432	-410.4	1399.8362	1067055.7952	-1453584
ground	DWalS15	Combination	Top	122409.7925	-3697.2276	-547.2	37543.6764	1583995.7636	-2193607
ground	DWalS15	Combination	Bottom	122863.9928	-3697.2276	-547.2	37543.6764	1590183.2667	-2203796
ground	DWalS16	Combination	Top	122409.7925	2602.8276	-547.2	-43727.0364	1583995.7636	-2115468
ground	DWalS16	Combination	Bottom	122863.9928	2602.8276	-547.2	-43727.0364	1590183.2667	-2121878
ground	DWalS17	Combination	Top	122409.7925	-547.2	-3697.2276	-58374.6796	1623064.9276	-2154538
ground	DWalS17	Combination	Bottom	122863.9928	-547.2	-3697.2276	-58374.6796	1631142.4472	-2162837
ground	DWalS18	Combination	Top	122409.7925	-547.2	2602.8276	52191.3196	1544926.5997	-2154538
ground	DWalS18	Combination	Bottom	122863.9928	-547.2	2602.8276	52191.3196	1549224.0862	-2162837
ground	DWalS19	Combination	Top	136787.2207	-4621.5345	-684	46929.5955	1770691.9465	-2457259
ground	DWalS19	Combination	Bottom	137354.971	-4621.5345	-684	46929.5955	1778426.3254	-2469996
ground	DWalS20	Combination	Top	136787.2207	3253.5345	-684	-54658.7955	1770691.9465	-2359587
ground	DWalS20	Combination	Bottom	137354.971	3253.5345	-684	-54658.7955	1778426.3254	-2367598
ground	DWalS21	Combination	Top	136787.2207	-684	-4621.5345	-72968.3495	1819528.4015	-2408423
ground	DWalS21	Combination	Bottom	137354.971	-684	-4621.5345	-72968.3495	1829625.301	-2418797

Table 5.4 - Story Forces (continued)

Story	Output Case	Case Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
ground	DWalS22	Combination	Top	136787.2207	-684	3253.5345	65239.1495	1721855.4916	-2408423
ground	DWalS22	Combination	Bottom	137354.971	-684	3253.5345	65239.1495	1727227.3497	-2418797
ground	DWalS23	Combination	Top	82072.3324	-4347.9345	-410.4	48475.4355	1062415.1679	-1493890
ground	DWalS23	Combination	Bottom	82412.9826	-4347.9345	-410.4	48475.4355	1067055.7952	-1502477
ground	DWalS24	Combination	Top	82072.3324	3527.1345	-410.4	-53112.9555	1062415.1679	-1396217
ground	DWalS24	Combination	Bottom	82412.9826	3527.1345	-410.4	-53112.9555	1067055.7952	-1400079
ground	DWalS25	Combination	Top	82072.3324	-410.4	-4347.9345	-71422.5095	1111251.6228	-1445054
ground	DWalS25	Combination	Bottom	82412.9826	-410.4	-4347.9345	-71422.5095	1118254.7709	-1451278
ground	DWalS26	Combination	Top	82072.3324	-410.4	3527.1345	66784.9895	1013578.713	-1445054
ground	DWalS26	Combination	Bottom	82412.9826	-410.4	3527.1345	66784.9895	1015856.8196	-1451278

5.3 Point Results

Table 5.5 - Joint Reactions

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	2	Dead	LinStatic	20.338	27.3395	956.9597	24.393	-23.8806	-1.6267
Base	1	2	Live	LinStatic	3.7835	4.8125	87.8891	2.7964	-2.0654	0.0102
Base	1	2	windx	LinStatic	1.0806	-0.3518	2.2675	-1.0401	1.3407	0.1233
Base	1	2	windy	LinStatic	-2.0266	0.7829	1.8602	-0.7878	-1.3769	-0.1216
Base	1	2	seismic x	LinStatic	-22.4103	-10.3874	-50.0984	5.5141	-30.2131	0.3939
Base	1	2	seismic y	LinStatic	-9.8616	-27.2753	-34.9811	32.7793	-10.7058	-0.8675
Base	1	2	1.5(DL+LL)	Combination	36.1823	48.2281	1567.2732	40.7841	-38.9191	-2.4248
Base	1	2	1.5(DL+EQ:+X)	Combination	-3.1084	25.4282	1360.2919	44.8606	-81.1406	-1.8493
Base	1	2	1.5(DL+EQ:-X)	Combination	64.1224	56.5904	1510.5871	28.3183	9.4987	-3.0309
Base	1	2	1.5(DL+EQ:+Y)	Combination	15.7146	0.0963	1382.9678	85.7584	-51.8796	-3.7413
Base	1	2	1.5(DL+EQ:-Y)	Combination	45.2995	81.9223	1487.9112	-12.5796	-19.7622	-1.1389
Base	1	2	1.5(DL+WL:+X)	Combination	32.1279	40.4817	1438.8407	35.0293	-33.8098	-2.2552
Base	1	2	1.5(DL+WL:-X)	Combination	28.8862	41.5369	1432.0383	38.1496	-37.832	-2.625
Base	1	2	1.5(DL+WL:+Y)	Combination	27.4672	42.1836	1438.2297	35.4077	-37.8863	-2.6225
Base	1	2	1.5(DL+WL:-Y)	Combination	33.5469	39.835	1432.6492	37.7712	-33.7556	-2.2577
Base	1	2	1.2(DL+LL+WL:+X)	Combination	30.2425	38.1604	1256.5395	31.3792	-29.5264	-1.7919
Base	1	2	1.2(DL+LL+WL:-X)	Combination	27.6492	39.0046	1251.0976	33.8754	-32.7441	-2.0878
Base	1	2	1.2(DL+LL+WL:+Y)	Combination	26.5139	39.5219	1256.0507	31.6819	-32.7875	-2.0857
Base	1	2	1.2(DL+LL+WL:-Y)	Combination	31.3777	37.6431	1251.5863	33.5727	-29.483	-1.794
Base	1	2	1.2(DL+LL+EQ:+X)	Combination	2.0535	26.1176	1193.7004	39.2442	-67.391	-1.4672
Base	1	2	1.2(DL+LL+EQ:-X)	Combination	55.8381	51.0474	1313.9366	26.0104	5.1205	-2.4125

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	2	1.2(DL+LL+EQ:+Y)	Combination	17.1119	5.8521	1211.8412	71.9625	-43.9822	-2.9808
Base	1	2	1.2(DL+LL+EQ:-Y)	Combination	40.7798	71.3129	1295.7959	-6.7079	-18.2883	-0.8989
Base	1	2	0.9DL+1.5EQ+X	Combination	-15.3112	9.0244	786.1161	30.2248	-66.8122	-0.8733
Base	1	2	0.9DL+1.5EQ-X	Combination	51.9196	40.1867	936.4113	13.6825	23.8271	-2.0549
Base	1	2	0.9DL+1.5EQY+	Combination	3.5117	-16.3074	808.792	71.1227	-37.5513	-2.7652
Base	1	2	0.9DL+1.5EQY-	Combination	33.0967	65.5186	913.7354	-27.2153	-5.4339	-0.1629
Base	1	2	DWals1	Combination	30.507	41.0093	1435.4395	36.5894	-35.8209	-2.4401
Base	1	2	DWals2	Combination	36.1823	48.2281	1567.2732	40.7841	-38.9191	-2.4248
Base	1	2	DWals3	Combination	30.2425	38.1604	1256.5395	31.3792	-29.5264	-1.7919
Base	1	2	DWals4	Combination	27.6492	39.0046	1251.0976	33.8754	-32.7441	-2.0878
Base	1	2	DWals5	Combination	26.5139	39.5219	1256.0507	31.6819	-32.7875	-2.0857
Base	1	2	DWals6	Combination	31.3777	37.6431	1251.5863	33.5727	-29.483	-1.794
Base	1	2	DWals7	Combination	32.1279	40.4817	1438.8407	35.0293	-33.8098	-2.2552
Base	1	2	DWals8	Combination	28.8862	41.5369	1432.0383	38.1496	-37.832	-2.625
Base	1	2	DWals9	Combination	27.4672	42.1836	1438.2297	35.4077	-37.8863	-2.6225
Base	1	2	DWals10	Combination	33.5469	39.835	1432.6492	37.7712	-33.7556	-2.2577
Base	1	2	DWals11	Combination	19.9251	24.0779	864.6649	20.3935	-19.4815	-1.2791
Base	1	2	DWals12	Combination	16.6834	25.1332	857.8625	23.5138	-23.5037	-1.649
Base	1	2	DWals13	Combination	15.2643	25.7799	864.0539	20.7719	-23.5579	-1.6464
Base	1	2	DWals14	Combination	21.3441	23.4313	858.4735	23.1354	-19.4272	-1.2817
Base	1	2	DWals15	Combination	2.0535	26.1176	1193.7004	39.2442	-67.391	-1.4672
Base	1	2	DWals16	Combination	55.8381	51.0474	1313.9366	26.0104	5.1205	-2.4125
Base	1	2	DWals17	Combination	17.1119	5.8521	1211.8412	71.9625	-43.9822	-2.9808
Base	1	2	DWals18	Combination	40.7798	71.3129	1295.7959	-6.7079	-18.2883	-0.8989
Base	1	2	DWals19	Combination	-3.1084	25.4282	1360.2919	44.8606	-81.1406	-1.8493
Base	1	2	DWals20	Combination	64.1224	56.5904	1510.5871	28.3183	9.4987	-3.0309
Base	1	2	DWals21	Combination	15.7146	0.0963	1382.9678	85.7584	-51.8796	-3.7413
Base	1	2	DWals22	Combination	45.2995	81.9223	1487.9112	-12.5796	-19.7622	-1.1389
Base	1	2	DWals23	Combination	-15.3112	9.0244	786.1161	30.2248	-66.8122	-0.8733
Base	1	2	DWals24	Combination	51.9196	40.1867	936.4113	13.6825	23.8271	-2.0549
Base	1	2	DWals25	Combination	3.5117	-16.3074	808.792	71.1227	-37.5513	-2.7652
Base	1	2	DWals26	Combination	33.0967	65.5186	913.7354	-27.2153	-5.4339	-0.1629
Base	2	14	Dead	LinStatic	38.1314	-18.484	1519.1052	6.7811	-28.3057	-1.7376
Base	2	14	Live	LinStatic	9.4188	-1.4567	176.9452	0.1493	-3.5518	-0.0246
Base	2	14	windx	LinStatic	0.3525	2.3477	1.6196	-2.4648	0.5909	0.0695
Base	2	14	windy	LinStatic	-2.4629	0.6931	2.5802	-0.6684	-1.1157	-0.0463
Base	2	14	seismic x	LinStatic	-40.2481	-11.2445	-71.3503	5.7533	-38.979	0.1223
Base	2	14	seismic y	LinStatic	-0.0598	-40.9089	-24.8012	38.611	-2.9828	-0.9203
Base	2	14	1.5(DL+LL)	Combination	71.3253	-29.9111	2544.0756	10.3955	-47.7862	-2.6433
Base	2	14	1.5(DL+EQ:+X)	Combination	-3.1751	-44.5929	2171.6323	18.8016	-100.9271	-2.423
Base	2	14	1.5(DL+EQ:-X)	Combination	117.5692	-10.8593	2385.6833	1.5417	16.0099	-2.7899
Base	2	14	1.5(DL+EQ:+Y)	Combination	57.1074	-89.0895	2241.456	68.0882	-46.9328	-3.9869
Base	2	14	1.5(DL+EQ:-Y)	Combination	57.2867	33.6373	2315.8596	-47.7449	-37.9844	-1.226
Base	2	14	1.5(DL+WL:+X)	Combination	57.7257	-24.2045	2281.0871	6.4745	-41.5722	-2.5022
Base	2	14	1.5(DL+WL:-X)	Combination	56.6684	-31.2477	2276.2285	13.8688	-43.3449	-2.7108

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	2	14	1.5(DL+WL:+Y)	Combination	53.5026	-26.6864	2282.528	9.1691	-44.1321	-2.676
Base	2	14	1.5(DL+WL:-Y)	Combination	60.8914	-28.7657	2274.7876	11.1743	-40.7851	-2.5369
Base	2	14	1.2(DL+LL+WL:+X)	Combination	57.4832	-21.1116	2037.204	5.3587	-37.5199	-2.0312
Base	2	14	1.2(DL+LL+WL:-X)	Combination	56.6373	-26.7462	2033.317	11.2741	-38.9381	-2.1981
Base	2	14	1.2(DL+LL+WL:+Y)	Combination	54.1047	-23.0972	2038.3567	7.5144	-39.5678	-2.1703
Base	2	14	1.2(DL+LL+WL:-Y)	Combination	60.0157	-24.7606	2032.1643	9.1185	-36.8902	-2.059
Base	2	14	1.2(DL+LL+EQ:+X)	Combination	8.7625	-37.4223	1949.6401	15.2204	-85.0038	-1.9679
Base	2	14	1.2(DL+LL+EQ:-X)	Combination	105.358	-10.4355	2120.8809	1.4125	8.5458	-2.2614
Base	2	14	1.2(DL+LL+EQ:+Y)	Combination	56.9885	-73.0196	2005.4991	54.6496	-41.8083	-3.219
Base	2	14	1.2(DL+LL+EQ:-Y)	Combination	57.1319	25.1618	2065.0219	-38.0168	-34.6496	-1.0103
Base	2	14	0.9DL+1.5EQ+X	Combination	-26.054	-33.5024	1260.1692	14.7329	-83.9437	-1.3804
Base	2	14	0.9DL+1.5EQ-X	Combination	94.6904	0.2311	1474.2202	-2.5269	32.9934	-1.7473
Base	2	14	0.9DL+1.5EQY+	Combination	34.2286	-77.9991	1329.9929	64.0195	-29.9493	-2.9443
Base	2	14	0.9DL+1.5EQY-	Combination	34.4079	44.7278	1404.3965	-51.8135	-21.001	-0.1834
Base	2	14	DWals1	Combination	57.197	-27.7261	2278.6578	10.1717	-42.4586	-2.6065
Base	2	14	DWals2	Combination	71.3253	-29.9111	2544.0756	10.3955	-47.7862	-2.6433
Base	2	14	DWals3	Combination	57.4832	-21.1116	2037.204	5.3587	-37.5199	-2.0312
Base	2	14	DWals4	Combination	56.6373	-26.7462	2033.317	11.2741	-38.9381	-2.1981
Base	2	14	DWals5	Combination	54.1047	-23.0972	2038.3567	7.5144	-39.5678	-2.1703
Base	2	14	DWals6	Combination	60.0157	-24.7606	2032.1643	9.1185	-36.8902	-2.059
Base	2	14	DWals7	Combination	57.7257	-24.2045	2281.0871	6.4745	-41.5722	-2.5022
Base	2	14	DWals8	Combination	56.6684	-31.2477	2276.2285	13.8688	-43.3449	-2.7108
Base	2	14	DWals9	Combination	53.5026	-26.6864	2282.528	9.1691	-44.1321	-2.676
Base	2	14	DWals10	Combination	60.8914	-28.7657	2274.7876	11.1743	-40.7851	-2.5369
Base	2	14	DWals11	Combination	34.8469	-13.114	1369.624	2.4059	-24.5888	-1.4596
Base	2	14	DWals12	Combination	33.7895	-20.1573	1364.7654	9.8001	-26.3615	-1.6682
Base	2	14	DWals13	Combination	30.6238	-15.596	1371.0649	5.1004	-27.1487	-1.6334
Base	2	14	DWals14	Combination	38.0126	-17.6753	1363.3244	7.1056	-23.8016	-1.4944
Base	2	14	DWals15	Combination	8.7625	-37.4223	1949.6401	15.2204	-85.0038	-1.9679
Base	2	14	DWals16	Combination	105.358	-10.4355	2120.8809	1.4125	8.5458	-2.2614
Base	2	14	DWals17	Combination	56.9885	-73.0196	2005.4991	54.6496	-41.8083	-3.219
Base	2	14	DWals18	Combination	57.1319	25.1618	2065.0219	-38.0168	-34.6496	-1.0103
Base	2	14	DWals19	Combination	-3.1751	-44.5929	2171.6323	18.8016	-100.9271	-2.423
Base	2	14	DWals20	Combination	117.5692	-10.8593	2385.6833	1.5417	16.0099	-2.7899
Base	2	14	DWals21	Combination	57.1074	-89.0895	2241.456	68.0882	-46.9328	-3.9869
Base	2	14	DWals22	Combination	57.2867	33.6373	2315.8596	-47.7449	-37.9844	-1.226
Base	2	14	DWals23	Combination	-26.054	-33.5024	1260.1692	14.7329	-83.9437	-1.3804
Base	2	14	DWals24	Combination	94.6904	0.2311	1474.2202	-2.5269	32.9934	-1.7473
Base	2	14	DWals25	Combination	34.2286	-77.9991	1329.9929	64.0195	-29.9493	-2.9443
Base	2	14	DWals26	Combination	34.4079	44.7278	1404.3965	-51.8135	-21.001	-0.1834
Base	3	32	Dead	LinStatic	7.4059	-64.7268	758.6629	6.2526	-3.4418	-1.1011
Base	3	32	Live	LinStatic	7.1639	-0.9034	113.466	-0.5713	1.3036	0.0097
Base	3	32	windx	LinStatic	1.0219	34.799	122.7431	-6.4718	0.6212	0.0213
Base	3	32	windy	LinStatic	6.2966	4.5543	73.1224	-1.0129	2.0198	-0.0782
Base	3	32	seismic x	LinStatic	-274.5458	-79.9515	-1722.5101	19.1463	-76.2793	1.8251

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	3	32	seismic y	LinStatic	-4.5555	-437.0473	-1694.5094	82.9931	-6.0388	-0.4563
Base	3	32	1.5(DL+LL)	Combination	21.8548	-98.4454	1308.1934	8.522	-3.2073	-1.6371
Base	3	32	1.5(DL+EQ:+X)	Combination	-400.7098	-217.0174	-1445.7708	38.0984	-119.5816	1.086
Base	3	32	1.5(DL+EQ:-X)	Combination	422.9276	22.837	3721.7595	-19.3405	109.2562	-4.3893
Base	3	32	1.5(DL+EQ:+Y)	Combination	4.2757	-752.6612	-1403.7698	133.8686	-14.221	-2.336
Base	3	32	1.5(DL+EQ:-Y)	Combination	17.9421	558.4807	3679.7585	-115.1106	3.8956	-0.9673
Base	3	32	1.5(DL+WL:+X)	Combination	12.6417	-44.8917	1322.109	-0.3287	-4.2309	-1.6197
Base	3	32	1.5(DL+WL:-X)	Combination	9.5761	-149.2887	953.8798	19.0866	-6.0945	-1.6836
Base	3	32	1.5(DL+WL:+Y)	Combination	20.5538	-90.2588	1247.6779	7.8597	-2.133	-1.769
Base	3	32	1.5(DL+WL:-Y)	Combination	1.664	-103.9217	1028.3108	10.8983	-8.1924	-1.5343
Base	3	32	1.2(DL+LL+WL:+X)	Combination	18.7101	-36.9975	1193.8464	-0.9485	-1.8204	-1.2841
Base	3	32	1.2(DL+LL+WL:-X)	Combination	16.2576	-120.5151	899.263	14.5838	-3.3112	-1.3352
Base	3	32	1.2(DL+LL+WL:+Y)	Combination	25.0398	-73.2911	1134.3016	5.6022	-0.142	-1.4035
Base	3	32	1.2(DL+LL+WL:-Y)	Combination	9.9279	-84.2215	958.8079	8.0331	-4.9896	-1.2158
Base	3	32	1.2(DL+LL+EQ:+X)	Combination	-311.9711	-174.6981	-1020.4574	29.7932	-94.1009	0.8805
Base	3	32	1.2(DL+LL+EQ:-X)	Combination	346.9388	17.1855	3113.5668	-16.158	88.9693	-3.4998
Base	3	32	1.2(DL+LL+EQ:+Y)	Combination	12.0172	-603.2131	-986.8566	106.4093	-9.8124	-1.8572
Base	3	32	1.2(DL+LL+EQ:-Y)	Combination	22.9504	445.7005	3079.966	-92.7741	4.6808	-0.7622
Base	3	32	0.9DL+1.5EQ+X	Combination	-405.1533	-178.1814	-1900.9685	34.3468	-117.5165	1.7467
Base	3	32	0.9DL+1.5EQ-X	Combination	418.484	61.6731	3266.5617	-23.0921	111.3213	-3.7286
Base	3	32	0.9DL+1.5EQY+	Combination	-0.1679	-713.8251	-1858.9675	130.117	-12.1559	-1.6754
Base	3	32	0.9DL+1.5EQY-	Combination	13.4986	597.3168	3224.5608	-118.8622	5.9606	-0.3066
Base	3	32	DWals1	Combination	11.1089	-97.0902	1137.9944	9.379	-5.1627	-1.6516
Base	3	32	DWals2	Combination	21.8548	-98.4454	1308.1934	8.522	-3.2073	-1.6371
Base	3	32	DWals3	Combination	18.7101	-36.9975	1193.8464	-0.9485	-1.8204	-1.2841
Base	3	32	DWals4	Combination	16.2576	-120.5151	899.263	14.5838	-3.3112	-1.3352
Base	3	32	DWals5	Combination	25.0398	-73.2911	1134.3016	5.6022	-0.142	-1.4035
Base	3	32	DWals6	Combination	9.9279	-84.2215	958.8079	8.0331	-4.9896	-1.2158
Base	3	32	DWals7	Combination	12.6417	-44.8917	1322.109	-0.3287	-4.2309	-1.6197
Base	3	32	DWals8	Combination	9.5761	-149.2887	953.8798	19.0866	-6.0945	-1.6836
Base	3	32	DWals9	Combination	20.5538	-90.2588	1247.6779	7.8597	-2.133	-1.769
Base	3	32	DWals10	Combination	1.664	-103.9217	1028.3108	10.8983	-8.1924	-1.5343
Base	3	32	DWals11	Combination	8.1982	-6.0556	866.9112	-4.0803	-2.1658	-0.959
Base	3	32	DWals12	Combination	5.1325	-110.4526	498.682	15.335	-4.0294	-1.0229
Base	3	32	DWals13	Combination	16.1102	-51.4227	792.4802	4.1081	-0.0679	-1.1083
Base	3	32	DWals14	Combination	-2.7796	-65.0856	573.1131	7.1467	-6.1274	-0.8737
Base	3	32	DWals15	Combination	-311.9711	-174.6981	-1020.4574	29.7932	-94.1009	0.8805
Base	3	32	DWals16	Combination	346.9388	17.1855	3113.5668	-16.158	88.9693	-3.4998
Base	3	32	DWals17	Combination	12.0172	-603.2131	-986.8566	106.4093	-9.8124	-1.8572
Base	3	32	DWals18	Combination	22.9504	445.7005	3079.966	-92.7741	4.6808	-0.7622
Base	3	32	DWals19	Combination	-400.7098	-217.0174	-1445.7708	38.0984	-119.5816	1.086
Base	3	32	DWals20	Combination	422.9276	22.837	3721.7595	-19.3405	109.2562	-4.3893
Base	3	32	DWals21	Combination	4.2757	-752.6612	-1403.7698	133.8686	-14.221	-2.336
Base	3	32	DWals22	Combination	17.9421	558.4807	3679.7585	-115.1106	3.8956	-0.9673
Base	3	32	DWals23	Combination	-405.1533	-178.1814	-1900.9685	34.3468	-117.5165	1.7467

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	3	32	DWals24	Combination	418.484	61.6731	3266.5617	-23.0921	111.3213	-3.7286
Base	3	32	DWals25	Combination	-0.1679	-713.8251	-1858.9675	130.117	-12.1559	-1.6754
Base	3	32	DWals26	Combination	13.4986	597.3168	3224.5608	-118.8622	5.9606	-0.3066
Base	4	42	Dead	LinStatic	6.167	-87.5416	1318.653	20.0893	-2.001	-1.5061
Base	4	42	Live	LinStatic	6.7551	-2.2782	131.1116	1.2193	1.2712	0.0132
Base	4	42	windx	LinStatic	0.1615	34.2636	-120.1445	-6.4125	-0.3703	0.0788
Base	4	42	windy	LinStatic	7.7199	0.1278	55.0807	0.1391	2.2969	0.0414
Base	4	42	seismic x	LinStatic	-283.3558	71.1856	-1732.0469	-17.9429	-77.9995	-1.7296
Base	4	42	seismic y	LinStatic	3.0417	-435.4535	1683.442	82.5737	5.5471	-0.4921
Base	4	42	1.5(DL+LL)	Combination	19.3832	-134.7297	2174.6469	31.9629	-1.0946	-2.2393
Base	4	42	1.5(DL+EQ:+X)	Combination	-415.7832	-24.5339	-620.091	3.2196	-120.0007	-4.8536
Base	4	42	1.5(DL+EQ:-X)	Combination	434.2842	-238.0908	4576.0498	57.0482	113.9977	0.3353
Base	4	42	1.5(DL+EQ:+Y)	Combination	13.813	-784.4926	4503.1425	153.9945	5.3192	-2.9973
Base	4	42	1.5(DL+EQ:-Y)	Combination	4.6881	521.8678	-547.1836	-93.7267	-11.3221	-1.5209
Base	4	42	1.5(DL+WL:+X)	Combination	9.4928	-79.917	1797.7626	20.5151	-3.557	-2.1409
Base	4	42	1.5(DL+WL:-X)	Combination	9.0083	-182.7078	2158.1962	39.7527	-2.446	-2.3773
Base	4	42	1.5(DL+WL:+Y)	Combination	20.8304	-131.1207	2060.6004	30.3426	0.4439	-2.197
Base	4	42	1.5(DL+WL:-Y)	Combination	-2.3294	-131.5041	1895.3584	29.9253	-6.4469	-2.3213
Base	4	42	1.2(DL+LL+WL:+X)	Combination	15.7003	-66.6674	1595.544	17.8752	-1.3201	-1.6969
Base	4	42	1.2(DL+LL+WL:-X)	Combination	15.3127	-148.9001	1883.891	33.2653	-0.4313	-1.886
Base	4	42	1.2(DL+LL+WL:+Y)	Combination	24.7705	-107.6304	1805.8143	25.7372	1.8806	-1.7417
Base	4	42	1.2(DL+LL+WL:-Y)	Combination	6.2426	-107.9371	1673.6207	25.4034	-3.632	-1.8412
Base	4	42	1.2(DL+LL+EQ:+X)	Combination	-324.5204	-22.361	-338.7388	4.0389	-94.4751	-3.867
Base	4	42	1.2(DL+LL+EQ:-X)	Combination	355.5335	-193.2065	3818.1738	47.1017	92.7237	0.2841
Base	4	42	1.2(DL+LL+EQ:+Y)	Combination	19.1565	-630.3279	3759.8479	124.6588	5.7808	-2.382
Base	4	42	1.2(DL+LL+EQ:-Y)	Combination	11.8565	414.7604	-280.4129	-73.5182	-7.5322	-1.2009
Base	4	42	0.9DL+1.5EQ+X	Combination	-419.4834	27.991	-1411.2828	-8.8339	-118.8001	-3.9499
Base	4	42	0.9DL+1.5EQ-X	Combination	430.584	-185.5659	3784.8581	44.9947	115.1983	1.239
Base	4	42	0.9DL+1.5EQY+	Combination	10.1128	-731.9676	3711.9507	141.9409	6.5197	-2.0937
Base	4	42	0.9DL+1.5EQY-	Combination	0.9878	574.3928	-1338.3754	-105.7802	-10.1215	-0.6173
Base	4	42	DWals1	Combination	9.2505	-131.3124	1977.9794	30.1339	-3.0015	-2.2591
Base	4	42	DWals2	Combination	19.3832	-134.7297	2174.6469	31.9629	-1.0946	-2.2393
Base	4	42	DWals3	Combination	15.7003	-66.6674	1595.544	17.8752	-1.3201	-1.6969
Base	4	42	DWals4	Combination	15.3127	-148.9001	1883.891	33.2653	-0.4313	-1.886
Base	4	42	DWals5	Combination	24.7705	-107.6304	1805.8143	25.7372	1.8806	-1.7417
Base	4	42	DWals6	Combination	6.2426	-107.9371	1673.6207	25.4034	-3.632	-1.8412
Base	4	42	DWals7	Combination	9.4928	-79.917	1797.7626	20.5151	-3.557	-2.1409
Base	4	42	DWals8	Combination	9.0083	-182.7078	2158.1962	39.7527	-2.446	-2.3773
Base	4	42	DWals9	Combination	20.8304	-131.1207	2060.6004	30.3426	0.4439	-2.197
Base	4	42	DWals10	Combination	-2.3294	-131.5041	1895.3584	29.9253	-6.4469	-2.3213
Base	4	42	DWals11	Combination	5.7926	-27.392	1006.5708	8.4615	-2.3564	-1.2373
Base	4	42	DWals12	Combination	5.3081	-130.1828	1367.0045	27.6992	-1.2454	-1.4737
Base	4	42	DWals13	Combination	17.1302	-78.5957	1269.4087	18.289	1.6445	-1.2933
Base	4	42	DWals14	Combination	-6.0296	-78.9791	1104.1666	17.8717	-5.2463	-1.4176
Base	4	42	DWals15	Combination	-324.5204	-22.361	-338.7388	4.0389	-94.4751	-3.867

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	4	42	DWals16	Combination	355.5335	-193.2065	3818.1738	47.1017	92.7237	0.2841
Base	4	42	DWals17	Combination	19.1565	-630.3279	3759.8479	124.6588	5.7808	-2.382
Base	4	42	DWals18	Combination	11.8565	414.7604	-280.4129	-73.5182	-7.5322	-1.2009
Base	4	42	DWals19	Combination	-415.7832	-24.5339	-620.091	3.2196	-120.0007	-4.8536
Base	4	42	DWals20	Combination	434.2842	-238.0908	4576.0498	57.0482	113.9977	0.3353
Base	4	42	DWals21	Combination	13.813	-784.4926	4503.1425	153.9945	5.3192	-2.9973
Base	4	42	DWals22	Combination	4.6881	521.8678	-547.1836	-93.7267	-11.3221	-1.5209
Base	4	42	DWals23	Combination	-419.4834	27.991	-1411.2828	-8.8339	-118.8001	-3.9499
Base	4	42	DWals24	Combination	430.584	-185.5659	3784.8581	44.9947	115.1983	1.239
Base	4	42	DWals25	Combination	10.1128	-731.9676	3711.9507	141.9409	6.5197	-2.0937
Base	4	42	DWals26	Combination	0.9878	574.3928	-1338.3754	-105.7802	-10.1215	-0.6173
Base	5	54	Dead	LinStatic	35.642	3.3137	1524.2911	3.0018	-28.9933	-1.3937
Base	5	54	Live	LinStatic	8.9659	1.5508	176.9605	-0.0345	-3.8684	0.0317
Base	5	54	windx	LinStatic	-0.0862	4.2741	-1.6149	-3.6798	-0.3833	0.0966
Base	5	54	windy	LinStatic	-2.17	-0.5837	2.4873	0.4066	-0.5318	0.0186
Base	5	54	seismic x	LinStatic	-43.293	11.5797	-70.8368	-5.7265	-41.9109	-0.026
Base	5	54	seismic y	LinStatic	0.6306	-40.9535	24.5377	38.8854	2.73	-0.8856
Base	5	54	1.5(DL+LL)	Combination	66.9118	7.2968	2551.8773	4.4509	-49.2926	-2.043
Base	5	54	1.5(DL+EQ:+X)	Combination	-11.4765	22.3401	2180.1814	-4.087	-106.3564	-2.1296
Base	5	54	1.5(DL+EQ:-X)	Combination	118.4026	-12.3991	2392.6918	13.0924	19.3764	-2.0516
Base	5	54	1.5(DL+EQ:+Y)	Combination	54.4089	-56.4597	2323.2431	62.8308	-39.395	-3.419
Base	5	54	1.5(DL+EQ:-Y)	Combination	52.5172	66.4008	2249.63	-53.8254	-47.585	-0.7622
Base	5	54	1.5(DL+WL:+X)	Combination	53.3338	11.3817	2284.0143	-1.017	-44.0649	-1.9456
Base	5	54	1.5(DL+WL:-X)	Combination	53.5923	-1.4407	2288.8589	10.0224	-42.915	-2.2355
Base	5	54	1.5(DL+WL:+Y)	Combination	50.2081	4.095	2290.1675	5.1126	-44.2877	-2.0627
Base	5	54	1.5(DL+WL:-Y)	Combination	56.718	5.8461	2282.7057	3.8928	-42.6922	-2.1184
Base	5	54	1.2(DL+LL+WL:+X)	Combination	53.4261	10.9664	2039.564	-0.8551	-39.8941	-1.5185
Base	5	54	1.2(DL+LL+WL:-X)	Combination	53.6329	0.7085	2043.4397	7.9765	-38.9742	-1.7504
Base	5	54	1.2(DL+LL+WL:+Y)	Combination	50.9255	5.137	2044.4865	4.0486	-40.0723	-1.6121
Base	5	54	1.2(DL+LL+WL:-Y)	Combination	56.1334	6.5378	2038.5171	3.0728	-38.7959	-1.6567
Base	5	54	1.2(DL+LL+EQ:+X)	Combination	1.5778	19.7331	1956.4976	-3.311	-89.7272	-1.6656
Base	5	54	1.2(DL+LL+EQ:-X)	Combination	105.4811	-8.0583	2126.506	10.4325	10.859	-1.6032
Base	5	54	1.2(DL+LL+EQ:+Y)	Combination	54.2861	-43.3068	2070.947	50.2232	-36.1581	-2.6971
Base	5	54	1.2(DL+LL+EQ:-Y)	Combination	52.7728	54.9816	2012.0566	-43.1017	-42.7101	-0.5717
Base	5	54	0.9DL+1.5EQ+X	Combination	-32.8617	20.3519	1265.6067	-5.8881	-88.9604	-1.2933
Base	5	54	0.9DL+1.5EQ-X	Combination	97.0174	-14.3873	1478.1172	11.2913	36.7724	-1.2154
Base	5	54	0.9DL+1.5EQY+	Combination	33.0237	-58.4479	1408.6685	61.0297	-21.999	-2.5828
Base	5	54	0.9DL+1.5EQY-	Combination	31.132	64.4125	1335.0554	-55.6265	-30.189	0.0741
Base	5	54	DWals1	Combination	53.463	4.9705	2286.4366	4.5027	-43.49	-2.0906
Base	5	54	DWals2	Combination	66.9118	7.2968	2551.8773	4.4509	-49.2926	-2.043
Base	5	54	DWals3	Combination	53.4261	10.9664	2039.564	-0.8551	-39.8941	-1.5185
Base	5	54	DWals4	Combination	53.6329	0.7085	2043.4397	7.9765	-38.9742	-1.7504
Base	5	54	DWals5	Combination	50.9255	5.137	2044.4865	4.0486	-40.0723	-1.6121
Base	5	54	DWals6	Combination	56.1334	6.5378	2038.5171	3.0728	-38.7959	-1.6567
Base	5	54	DWals7	Combination	53.3338	11.3817	2284.0143	-1.017	-44.0649	-1.9456

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	5	54	DWals8	Combination	53.5923	-1.4407	2288.8589	10.0224	-42.915	-2.2355
Base	5	54	DWals9	Combination	50.2081	4.095	2290.1675	5.1126	-44.2877	-2.0627
Base	5	54	DWals10	Combination	56.718	5.8461	2282.7057	3.8928	-42.6922	-2.1184
Base	5	54	DWals11	Combination	31.9486	9.3935	1369.4396	-2.8181	-26.6689	-1.1094
Base	5	54	DWals12	Combination	32.2071	-3.4289	1374.2843	8.2214	-25.5191	-1.3993
Base	5	54	DWals13	Combination	28.8229	2.1068	1375.5928	3.3115	-26.8917	-1.2265
Base	5	54	DWals14	Combination	35.3328	3.8579	1368.1311	2.0918	-25.2962	-1.2822
Base	5	54	DWals15	Combination	1.5778	19.7331	1956.4976	-3.311	-89.7272	-1.6656
Base	5	54	DWals16	Combination	105.4811	-8.0583	2126.506	10.4325	10.859	-1.6032
Base	5	54	DWals17	Combination	54.2861	-43.3068	2070.947	50.2232	-36.1581	-2.6971
Base	5	54	DWals18	Combination	52.7728	54.9816	2012.0566	-43.1017	-42.7101	-0.5717
Base	5	54	DWals19	Combination	-11.4765	22.3401	2180.1814	-4.087	-106.3564	-2.1296
Base	5	54	DWals20	Combination	118.4026	-12.3991	2392.6918	13.0924	19.3764	-2.0516
Base	5	54	DWals21	Combination	54.4089	-56.4597	2323.2431	62.8308	-39.395	-3.419
Base	5	54	DWals22	Combination	52.5172	66.4008	2249.63	-53.8254	-47.585	-0.7622
Base	5	54	DWals23	Combination	-32.8617	20.3519	1265.6067	-5.8881	-88.9604	-1.2933
Base	5	54	DWals24	Combination	97.0174	-14.3873	1478.1172	11.2913	36.7724	-1.2154
Base	5	54	DWals25	Combination	33.0237	-58.4479	1408.6685	61.0297	-21.999	-2.5828
Base	5	54	DWals26	Combination	31.132	64.4125	1335.0554	-55.6265	-30.189	0.0741
Base	6	62	Dead	LinStatic	21.5547	-38.0416	965.1564	-16.5332	-22.1281	-1.7958
Base	6	62	Live	LinStatic	3.5498	-4.6632	88.0256	-2.702	-2.3387	-0.0011
Base	6	62	windx	LinStatic	-0.8718	5.8774	-2.32	-4.8024	-1.0462	-0.0092
Base	6	62	windy	LinStatic	-1.7334	-0.7151	1.7158	0.5454	-0.4685	0.0849
Base	6	62	seismic x	LinStatic	-25.0901	11.1346	-50.0625	-5.7031	-33.9403	-0.318
Base	6	62	seismic y	LinStatic	10.1492	-27.5705	34.7075	33.1857	9.9766	-0.8151
Base	6	62	1.5(DL+LL)	Combination	37.6568	-64.0573	1579.773	-28.8528	-36.7002	-2.6954
Base	6	62	1.5(DL+EQ:+X)	Combination	-5.3031	-40.3606	1372.6408	-33.3545	-84.1026	-3.1707
Base	6	62	1.5(DL+EQ:-X)	Combination	69.9673	-73.7644	1522.8285	-16.2451	17.7184	-2.2168
Base	6	62	1.5(DL+EQ:+Y)	Combination	47.5559	-98.4182	1499.7959	24.9788	-18.2273	-3.9164
Base	6	62	1.5(DL+EQ:-Y)	Combination	17.1083	-15.7067	1395.6734	-74.5783	-48.157	-1.4711
Base	6	62	1.5(DL+WL:+X)	Combination	31.0244	-48.2464	1444.2547	-32.0034	-34.7615	-2.7075
Base	6	62	1.5(DL+WL:-X)	Combination	33.6399	-65.8785	1451.2146	-17.5961	-31.6228	-2.68
Base	6	62	1.5(DL+WL:+Y)	Combination	29.732	-58.1352	1450.3083	-23.9816	-33.8949	-2.5664
Base	6	62	1.5(DL+WL:-Y)	Combination	34.9322	-55.9898	1445.161	-25.6179	-32.4894	-2.8211
Base	6	62	1.2(DL+LL+WL:+X)	Combination	29.0793	-44.193	1261.0344	-28.8452	-30.6156	-2.1674
Base	6	62	1.2(DL+LL+WL:-X)	Combination	31.1716	-58.2987	1266.6023	-17.3193	-28.1046	-2.1453
Base	6	62	1.2(DL+LL+WL:+Y)	Combination	28.0454	-52.104	1265.8773	-22.4277	-29.9223	-2.0545
Base	6	62	1.2(DL+LL+WL:-Y)	Combination	32.2055	-50.3877	1261.7595	-23.7368	-28.7979	-2.2582
Base	6	62	1.2(DL+LL+EQ:+X)	Combination	0.0173	-37.8843	1203.7433	-29.926	-70.0885	-2.5379
Base	6	62	1.2(DL+LL+EQ:-X)	Combination	60.2336	-64.6074	1323.8934	-16.2385	11.3682	-1.7748
Base	6	62	1.2(DL+LL+EQ:+Y)	Combination	42.3045	-84.3305	1305.4674	16.7406	-17.3883	-3.1345
Base	6	62	1.2(DL+LL+EQ:-Y)	Combination	17.9464	-18.1613	1222.1694	-62.905	-41.332	-1.1782
Base	6	62	0.9DL+1.5EQ+X	Combination	-18.2359	-17.5356	793.547	-23.4346	-70.8257	-2.0932
Base	6	62	0.9DL+1.5EQ-X	Combination	57.0344	-50.9394	943.7346	-6.3251	30.9952	-1.1393
Base	6	62	0.9DL+1.5EQY+	Combination	34.6231	-75.5932	920.702	34.8987	-4.9504	-2.8389

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	6	62	0.9DL+1.5EQY-	Combination	4.1755	7.1183	816.5795	-64.6584	-34.8801	-0.3936
Base	6	62	DWals1	Combination	32.3321	-57.0625	1447.7347	-24.7998	-33.1921	-2.6938
Base	6	62	DWals2	Combination	37.6568	-64.0573	1579.773	-28.8528	-36.7002	-2.6954
Base	6	62	DWals3	Combination	29.0793	-44.193	1261.0344	-28.8452	-30.6156	-2.1674
Base	6	62	DWals4	Combination	31.1716	-58.2987	1266.6023	-17.3193	-28.1046	-2.1453
Base	6	62	DWals5	Combination	28.0454	-52.104	1265.8773	-22.4277	-29.9223	-2.0545
Base	6	62	DWals6	Combination	32.2055	-50.3877	1261.7595	-23.7368	-28.7979	-2.2582
Base	6	62	DWals7	Combination	31.0244	-48.2464	1444.2547	-32.0034	-34.7615	-2.7075
Base	6	62	DWals8	Combination	33.6399	-65.8785	1451.2146	-17.5961	-31.6228	-2.68
Base	6	62	DWals9	Combination	29.732	-58.1352	1450.3083	-23.9816	-33.8949	-2.5664
Base	6	62	DWals10	Combination	34.9322	-55.9898	1445.161	-25.6179	-32.4894	-2.8211
Base	6	62	DWals11	Combination	18.0915	-25.4214	865.1608	-22.0835	-21.4846	-1.63
Base	6	62	DWals12	Combination	20.707	-43.0536	872.1207	-7.6762	-18.3459	-1.6025
Base	6	62	DWals13	Combination	16.7992	-35.3102	871.2144	-14.0617	-20.618	-1.4889
Base	6	62	DWals14	Combination	21.9994	-33.1648	866.0671	-15.698	-19.2125	-1.7436
Base	6	62	DWals15	Combination	0.0173	-37.8843	1203.7433	-29.926	-70.0885	-2.5379
Base	6	62	DWals16	Combination	60.2336	-64.6074	1323.8934	-16.2385	11.3682	-1.7748
Base	6	62	DWals17	Combination	42.3045	-84.3305	1305.4674	16.7406	-17.3883	-3.1345
Base	6	62	DWals18	Combination	17.9464	-18.1613	1222.1694	-62.905	-41.332	-1.1782
Base	6	62	DWals19	Combination	-5.3031	-40.3606	1372.6408	-33.3545	-84.1026	-3.1707
Base	6	62	DWals20	Combination	69.9673	-73.7644	1522.8285	-16.2451	17.7184	-2.2168
Base	6	62	DWals21	Combination	47.5559	-98.4182	1499.7959	24.9788	-18.2273	-3.9164
Base	6	62	DWals22	Combination	17.1083	-15.7067	1395.6734	-74.5783	-48.157	-1.4711
Base	6	62	DWals23	Combination	-18.2359	-17.5356	793.547	-23.4346	-70.8257	-2.0932
Base	6	62	DWals24	Combination	57.0344	-50.9394	943.7346	-6.3251	30.9952	-1.1393
Base	6	62	DWals25	Combination	34.6231	-75.5932	920.702	34.8987	-4.9504	-2.8389
Base	6	62	DWals26	Combination	4.1755	7.1183	816.5795	-64.6584	-34.8801	-0.3936
Base	7	70	Dead	LinStatic	-14.8982	48.8307	1519.7714	31.9209	-11.5399	-1.3744
Base	7	70	Live	LinStatic	-1.2168	11.5323	181.912	4.974	-0.271	0.0136
Base	7	70	windx	LinStatic	0.892	-0.2371	2.7818	-1.3805	1.195	0.0424
Base	7	70	windy	LinStatic	0.2651	0.3545	0.2885	-0.1688	-0.0781	-0.042
Base	7	70	seismic x	LinStatic	-28.8323	-4.6666	-0.1618	2.2059	-33.1022	0.4636
Base	7	70	seismic y	LinStatic	-7.7155	-43.7093	-43.6248	42.7642	-9.522	-0.3946
Base	7	70	1.5(DL+LL)	Combination	-24.1725	90.5445	2552.5252	55.3424	-17.7163	-2.0411
Base	7	70	1.5(DL+EQ:+X)	Combination	-65.5957	66.2461	2279.4145	51.1902	-66.9631	-1.3662
Base	7	70	1.5(DL+EQ:-X)	Combination	20.9012	80.2459	2279.8998	44.5726	32.3435	-2.7569
Base	7	70	1.5(DL+EQ:+Y)	Combination	-33.9204	7.6821	2214.22	112.0277	-31.5928	-2.6534
Base	7	70	1.5(DL+EQ:-Y)	Combination	-10.7741	138.8099	2345.0944	-16.2649	-3.0268	-1.4697
Base	7	70	1.5(DL+WL:+X)	Combination	-21.0093	72.8903	2283.8298	45.8106	-15.5173	-1.9979
Base	7	70	1.5(DL+WL:-X)	Combination	-23.6852	73.6017	2275.4845	49.9521	-19.1023	-2.1252
Base	7	70	1.5(DL+WL:+Y)	Combination	-21.9496	73.7778	2280.0899	47.6281	-17.4269	-2.1245
Base	7	70	1.5(DL+WL:-Y)	Combination	-22.745	72.7142	2279.2245	48.1346	-17.1927	-1.9985
Base	7	70	1.2(DL+LL+WL:+X)	Combination	-18.2676	72.1511	2045.3583	42.6173	-12.7391	-1.5819
Base	7	70	1.2(DL+LL+WL:-X)	Combination	-20.4084	72.7201	2038.682	45.9305	-15.607	-1.6838
Base	7	70	1.2(DL+LL+WL:+Y)	Combination	-19.0198	72.8611	2042.3663	44.0713	-14.2667	-1.6832

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	7	70	1.2(DL+LL+WL:-Y)	Combination	-19.6562	72.0101	2041.674	44.4765	-14.0794	-1.5825
Base	7	70	1.2(DL+LL+EQ:+X)	Combination	-53.9368	66.8357	2041.826	46.921	-53.8957	-1.0766
Base	7	70	1.2(DL+LL+EQ:-X)	Combination	15.2608	78.0355	2042.2142	41.6269	25.5496	-2.1891
Base	7	70	1.2(DL+LL+EQ:+Y)	Combination	-28.5965	19.9845	1989.6704	95.5909	-25.5994	-2.1064
Base	7	70	1.2(DL+LL+EQ:-Y)	Combination	-10.0795	124.8867	2094.3699	-7.0431	-2.7466	-1.1594
Base	7	70	0.9DL+1.5EQ+X	Combination	-56.6568	36.9477	1367.5517	32.0376	-60.0392	-0.5416
Base	7	70	0.9DL+1.5EQ-X	Combination	29.8401	50.9475	1368.0369	25.42	39.2674	-1.9323
Base	7	70	0.9DL+1.5EQY+	Combination	-24.9815	-21.6163	1302.3571	92.8751	-24.6689	-1.8288
Base	7	70	0.9DL+1.5EQY-	Combination	-1.8352	109.5115	1433.2315	-35.4174	3.8971	-0.645
Base	7	70	DWals1	Combination	-22.3473	73.246	2279.6572	47.8814	-17.3098	-2.0615
Base	7	70	DWals2	Combination	-24.1725	90.5445	2552.5252	55.3424	-17.7163	-2.0411
Base	7	70	DWals3	Combination	-18.2676	72.1511	2045.3583	42.6173	-12.7391	-1.5819
Base	7	70	DWals4	Combination	-20.4084	72.7201	2038.682	45.9305	-15.607	-1.6838
Base	7	70	DWals5	Combination	-19.0198	72.8611	2042.3663	44.0713	-14.2667	-1.6832
Base	7	70	DWals6	Combination	-19.6562	72.0101	2041.674	44.4765	-14.0794	-1.5825
Base	7	70	DWals7	Combination	-21.0093	72.8903	2283.8298	45.8106	-15.5173	-1.9979
Base	7	70	DWals8	Combination	-23.6852	73.6017	2275.4845	49.9521	-19.1023	-2.1252
Base	7	70	DWals9	Combination	-21.9496	73.7778	2280.0899	47.6281	-17.4269	-2.1245
Base	7	70	DWals10	Combination	-22.745	72.7142	2279.2245	48.1346	-17.1927	-1.9985
Base	7	70	DWals11	Combination	-12.0704	43.5919	1371.967	26.6581	-8.5934	-1.1733
Base	7	70	DWals12	Combination	-14.7463	44.3033	1363.6216	30.7996	-12.1783	-1.3006
Base	7	70	DWals13	Combination	-13.0107	44.4794	1368.227	28.4756	-10.503	-1.2999
Base	7	70	DWals14	Combination	-13.8061	43.4158	1367.3616	28.9821	-10.2688	-1.1739
Base	7	70	DWals15	Combination	-53.9368	66.8357	2041.826	46.921	-53.8957	-1.0766
Base	7	70	DWals16	Combination	15.2608	78.0355	2042.2142	41.6269	25.5496	-2.1891
Base	7	70	DWals17	Combination	-28.5965	19.9845	1989.6704	95.5909	-25.5994	-2.1064
Base	7	70	DWals18	Combination	-10.0795	124.8867	2094.3699	-7.0431	-2.7466	-1.1594
Base	7	70	DWals19	Combination	-65.5957	66.2461	2279.4145	51.1902	-66.9631	-1.3662
Base	7	70	DWals20	Combination	20.9012	80.2459	2279.8998	44.5726	32.3435	-2.7569
Base	7	70	DWals21	Combination	-33.9204	7.6821	2214.22	112.0277	-31.5928	-2.6534
Base	7	70	DWals22	Combination	-10.7741	138.8099	2345.0944	-16.2649	-3.0268	-1.4697
Base	7	70	DWals23	Combination	-56.6568	36.9477	1367.5517	32.0376	-60.0392	-0.5416
Base	7	70	DWals24	Combination	29.8401	50.9475	1368.0369	25.42	39.2674	-1.9323
Base	7	70	DWals25	Combination	-24.9815	-21.6163	1302.3571	92.8751	-24.6689	-1.8288
Base	7	70	DWals26	Combination	-1.8352	109.5115	1433.2315	-35.4174	3.8971	-0.645
Base	8	532	Dead	LinStatic	0.8205	-8.9654	2393.3603	0	0	0
Base	8	532	Live	LinStatic	-0.656	-1.8932	362.2558	0	0	0
Base	8	532	windx	LinStatic	-0.5522	-1.4697	0.7022	0	0	0
Base	8	532	windy	LinStatic	-0.0848	0.0573	-0.4445	0	0	0
Base	8	532	seismic x	LinStatic	13.2243	-1.3295	15.9063	0	0	0
Base	8	532	seismic y	LinStatic	4.829	15.0308	-10.8813	0	0	0
Base	8	532	1.5(DL+LL)	Combination	0.2468	-16.2879	4133.4241	0	0	0
Base	8	532	1.5(DL+EQ:+X)	Combination	21.0672	-15.4423	3613.8998	0	0	0
Base	8	532	1.5(DL+EQ:-X)	Combination	-18.6056	-11.4539	3566.181	0	0	0
Base	8	532	1.5(DL+EQ:+Y)	Combination	8.4743	9.0981	3573.7185	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	8	532	1.5(DL+EQ:-Y)	Combination	-6.0127	-35.9944	3606.3623	0	0	0
Base	8	532	1.5(DL+WL:+X)	Combination	0.4025	-15.6527	3591.0937	0	0	0
Base	8	532	1.5(DL+WL:-X)	Combination	2.059	-11.2435	3588.9871	0	0	0
Base	8	532	1.5(DL+WL:+Y)	Combination	1.1037	-13.3622	3589.3736	0	0	0
Base	8	532	1.5(DL+WL:-Y)	Combination	1.3579	-13.5341	3590.7072	0	0	0
Base	8	532	1.2(DL+LL+WL:+X)	Combination	-0.4652	-14.7941	3307.5819	0	0	0
Base	8	532	1.2(DL+LL+WL:-X)	Combination	0.86	-11.2667	3305.8966	0	0	0
Base	8	532	1.2(DL+LL+WL:+Y)	Combination	0.0957	-12.9616	3306.2058	0	0	0
Base	8	532	1.2(DL+LL+WL:-Y)	Combination	0.2991	-13.0991	3307.2727	0	0	0
Base	8	532	1.2(DL+LL+EQ:+X)	Combination	16.0665	-14.6257	3325.8268	0	0	0
Base	8	532	1.2(DL+LL+EQ:-X)	Combination	-15.6717	-11.435	3287.6518	0	0	0
Base	8	532	1.2(DL+LL+EQ:+Y)	Combination	5.9922	5.0066	3293.6818	0	0	0
Base	8	532	1.2(DL+LL+EQ:-Y)	Combination	-5.5974	-31.0674	3319.7968	0	0	0
Base	8	532	0.9DL+1.5EQ+X	Combination	20.5749	-10.0631	2177.8836	0	0	0
Base	8	532	0.9DL+1.5EQ-X	Combination	-19.098	-6.0746	2130.1648	0	0	0
Base	8	532	0.9DL+1.5EQY+	Combination	7.982	14.4774	2137.7023	0	0	0
Base	8	532	0.9DL+1.5EQY-	Combination	-6.505	-30.6151	2170.3461	0	0	0
Base	8	532	DWals1	Combination	1.2308	-13.4481	3590.0404	0	0	0
Base	8	532	DWals2	Combination	0.2468	-16.2879	4133.4241	0	0	0
Base	8	532	DWals3	Combination	-0.4652	-14.7941	3307.5819	0	0	0
Base	8	532	DWals4	Combination	0.86	-11.2667	3305.8966	0	0	0
Base	8	532	DWals5	Combination	0.0957	-12.9616	3306.2058	0	0	0
Base	8	532	DWals6	Combination	0.2991	-13.0991	3307.2727	0	0	0
Base	8	532	DWals7	Combination	0.4025	-15.6527	3591.0937	0	0	0
Base	8	532	DWals8	Combination	2.059	-11.2435	3588.9871	0	0	0
Base	8	532	DWals9	Combination	1.1037	-13.3622	3589.3736	0	0	0
Base	8	532	DWals10	Combination	1.3579	-13.5341	3590.7072	0	0	0
Base	8	532	DWals11	Combination	-0.0898	-10.2735	2155.0775	0	0	0
Base	8	532	DWals12	Combination	1.5667	-5.8642	2152.971	0	0	0
Base	8	532	DWals13	Combination	0.6113	-7.9829	2153.3574	0	0	0
Base	8	532	DWals14	Combination	0.8656	-8.1548	2154.691	0	0	0
Base	8	532	DWals15	Combination	16.0665	-14.6257	3325.8268	0	0	0
Base	8	532	DWals16	Combination	-15.6717	-11.435	3287.6518	0	0	0
Base	8	532	DWals17	Combination	5.9922	5.0066	3293.6818	0	0	0
Base	8	532	DWals18	Combination	-5.5974	-31.0674	3319.7968	0	0	0
Base	8	532	DWals19	Combination	21.0672	-15.4423	3613.8998	0	0	0
Base	8	532	DWals20	Combination	-18.6056	-11.4539	3566.181	0	0	0
Base	8	532	DWals21	Combination	8.4743	9.0981	3573.7185	0	0	0
Base	8	532	DWals22	Combination	-6.0127	-35.9944	3606.3623	0	0	0
Base	8	532	DWals23	Combination	20.5749	-10.0631	2177.8836	0	0	0
Base	8	532	DWals24	Combination	-19.098	-6.0746	2130.1648	0	0	0
Base	8	532	DWals25	Combination	7.982	14.4774	2137.7023	0	0	0
Base	8	532	DWals26	Combination	-6.505	-30.6151	2170.3461	0	0	0
Base	9	74	Dead	LinStatic	21.0313	-45.3544	1494.0617	-0.2631	-18.0319	-1.3118
Base	9	74	Live	LinStatic	7.0976	-8.8567	196.4982	-1.9114	-1.4371	0.0079

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	9	74	windx	LinStatic	-0.3917	4.4386	6.3941	-3.7945	-0.0908	0.0296
Base	9	74	windy	LinStatic	2.3543	-0.0407	-6.5154	0.0242	1.7336	-0.0429
Base	9	74	seismic x	LinStatic	-73.7328	-0.4856	202.1282	0.2011	-52.3471	0.3506
Base	9	74	seismic y	LinStatic	8.6935	-58.9182	-101.3659	48.8439	3.3722	-0.2022
Base	9	74	1.5(DL+LL)	Combination	42.1933	-81.3166	2535.8398	-3.2619	-29.2034	-1.9559
Base	9	74	1.5(DL+EQ:+X)	Combination	-79.0523	-68.76	2544.2849	-0.0931	-105.5686	-1.4419
Base	9	74	1.5(DL+EQ:-X)	Combination	142.1461	-67.3032	1937.9002	-0.6963	51.4728	-2.4936
Base	9	74	1.5(DL+EQ:+Y)	Combination	44.5872	-156.4089	2089.0436	72.8711	-21.9896	-2.271
Base	9	74	1.5(DL+EQ:-Y)	Combination	18.5066	20.3457	2393.1414	-73.6605	-32.1061	-1.6644
Base	9	74	1.5(DL+WL:+X)	Combination	30.9593	-61.3737	2250.6836	-6.0865	-27.1841	-1.9234
Base	9	74	1.5(DL+WL:-X)	Combination	32.1345	-74.6895	2231.5014	5.2971	-26.9116	-2.0121
Base	9	74	1.5(DL+WL:+Y)	Combination	35.0783	-68.0926	2231.3194	-0.3585	-24.4475	-2.0322
Base	9	74	1.5(DL+WL:-Y)	Combination	28.0155	-67.9706	2250.8656	-0.431	-29.6482	-1.9033
Base	9	74	1.2(DL+LL+WL:+X)	Combination	33.2846	-59.727	2036.3447	-7.163	-23.4717	-1.5293
Base	9	74	1.2(DL+LL+WL:-X)	Combination	34.2248	-70.3796	2020.999	1.9439	-23.2538	-1.6002
Base	9	74	1.2(DL+LL+WL:+Y)	Combination	36.5798	-65.1021	2020.8534	-2.5805	-21.2825	-1.6163
Base	9	74	1.2(DL+LL+WL:-Y)	Combination	30.9295	-65.0045	2036.4903	-2.6385	-25.443	-1.5132
Base	9	74	1.2(DL+LL+EQ:+X)	Combination	-54.7247	-65.636	2271.2257	-2.3682	-86.1793	-1.1441
Base	9	74	1.2(DL+LL+EQ:-X)	Combination	122.234	-64.4706	1786.118	-2.8508	39.4538	-1.9854
Base	9	74	1.2(DL+LL+EQ:+Y)	Combination	44.1869	-135.7551	1907.0327	56.0031	-19.3162	-1.8074
Base	9	74	1.2(DL+LL+EQ:-Y)	Combination	23.3224	5.6485	2150.311	-61.2222	-27.4094	-1.3221
Base	9	74	0.9DL+1.5EQ+X	Combination	-91.6711	-41.5473	1647.8479	0.0648	-94.7494	-0.6548
Base	9	74	0.9DL+1.5EQ-X	Combination	129.5273	-40.0906	1041.4632	-0.5384	62.292	-1.7065
Base	9	74	0.9DL+1.5EQY+	Combination	31.9684	-129.1963	1192.6066	73.029	-11.1705	-1.4839
Base	9	74	0.9DL+1.5EQY-	Combination	5.8878	47.5583	1496.7044	-73.5027	-21.287	-0.8773
Base	9	74	DWals1	Combination	31.5469	-68.0316	2241.0925	-0.3947	-27.0479	-1.9677
Base	9	74	DWals2	Combination	42.1933	-81.3166	2535.8398	-3.2619	-29.2034	-1.9559
Base	9	74	DWals3	Combination	33.2846	-59.727	2036.3447	-7.163	-23.4717	-1.5293
Base	9	74	DWals4	Combination	34.2248	-70.3796	2020.999	1.9439	-23.2538	-1.6002
Base	9	74	DWals5	Combination	36.5798	-65.1021	2020.8534	-2.5805	-21.2825	-1.6163
Base	9	74	DWals6	Combination	30.9295	-65.0045	2036.4903	-2.6385	-25.443	-1.5132
Base	9	74	DWals7	Combination	30.9593	-61.3737	2250.6836	-6.0865	-27.1841	-1.9234
Base	9	74	DWals8	Combination	32.1345	-74.6895	2231.5014	5.2971	-26.9116	-2.0121
Base	9	74	DWals9	Combination	35.0783	-68.0926	2231.3194	-0.3585	-24.4475	-2.0322
Base	9	74	DWals10	Combination	28.0155	-67.9706	2250.8656	-0.431	-29.6482	-1.9033
Base	9	74	DWals11	Combination	18.3405	-34.1611	1354.2466	-5.9286	-16.365	-1.1363
Base	9	74	DWals12	Combination	19.5157	-47.4768	1335.0644	5.455	-16.0925	-1.225
Base	9	74	DWals13	Combination	22.4595	-40.88	1334.8824	-0.2006	-13.6284	-1.2451
Base	9	74	DWals14	Combination	15.3967	-40.758	1354.4286	-0.2731	-18.8291	-1.1162
Base	9	74	DWals15	Combination	-54.7247	-65.636	2271.2257	-2.3682	-86.1793	-1.1441
Base	9	74	DWals16	Combination	122.234	-64.4706	1786.118	-2.8508	39.4538	-1.9854
Base	9	74	DWals17	Combination	44.1869	-135.7551	1907.0327	56.0031	-19.3162	-1.8074
Base	9	74	DWals18	Combination	23.3224	5.6485	2150.311	-61.2222	-27.4094	-1.3221
Base	9	74	DWals19	Combination	-79.0523	-68.76	2544.2849	-0.0931	-105.5686	-1.4419
Base	9	74	DWals20	Combination	142.1461	-67.3032	1937.9002	-0.6963	51.4728	-2.4936

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	9	74	DWals21	Combination	44.5872	-156.4089	2089.0436	72.8711	-21.9896	-2.271
Base	9	74	DWals22	Combination	18.5066	20.3457	2393.1414	-73.6605	-32.1061	-1.6644
Base	9	74	DWals23	Combination	-91.6711	-41.5473	1647.8479	0.0648	-94.7494	-0.6548
Base	9	74	DWals24	Combination	129.5273	-40.0906	1041.4632	-0.5384	62.292	-1.7065
Base	9	74	DWals25	Combination	31.9684	-129.1963	1192.6066	73.029	-11.1705	-1.4839
Base	9	74	DWals26	Combination	5.8878	47.5583	1496.7044	-73.5027	-21.287	-0.8773
Base	10	76	Dead	LinStatic	15.4073	27.92	1542.2307	11.4872	-20.3093	-1.1619
Base	10	76	Live	LinStatic	6.5078	9.5305	199.1122	1.6205	-1.6658	0.0455
Base	10	76	windx	LinStatic	0.6195	5.0962	-6.3834	-4.1769	0.216	0.0286
Base	10	76	windy	LinStatic	2.7505	-0.0571	-7.8422	0.0809	1.9953	0.0074
Base	10	76	seismic x	LinStatic	-77.2755	0.6475	189.6831	-0.9187	-54.0957	-0.2069
Base	10	76	seismic y	LinStatic	-8.1636	-59.0384	100.6528	48.9365	-3.2512	-0.1903
Base	10	76	1.5(DL+LL)	Combination	32.8726	56.1758	2612.0143	19.6616	-32.9626	-1.6746
Base	10	76	1.5(DL+EQ:+X)	Combination	-92.8024	42.8513	2597.8706	15.8528	-111.6076	-2.0531
Base	10	76	1.5(DL+EQ:-X)	Combination	139.0242	40.9087	2028.8215	18.6089	50.6796	-1.4324
Base	10	76	1.5(DL+EQ:+Y)	Combination	10.8655	-46.6776	2464.3252	90.6356	-35.3408	-2.0282
Base	10	76	1.5(DL+EQ:-Y)	Combination	35.3562	130.4376	2162.3669	-56.1739	-25.5871	-1.4573
Base	10	76	1.5(DL+WL:+X)	Combination	24.0401	49.5242	2303.771	10.9654	-30.1399	-1.6999
Base	10	76	1.5(DL+WL:-X)	Combination	22.1817	34.2357	2322.9211	23.4963	-30.788	-1.7856
Base	10	76	1.5(DL+WL:+Y)	Combination	27.2366	41.7943	2301.5827	17.3522	-27.471	-1.7316
Base	10	76	1.5(DL+WL:-Y)	Combination	18.9852	41.9657	2325.1094	17.1095	-33.4569	-1.7539
Base	10	76	1.2(DL+LL+WL:+X)	Combination	27.0414	51.056	2081.9514	10.717	-26.1108	-1.3054
Base	10	76	1.2(DL+LL+WL:-X)	Combination	25.5547	38.8252	2097.2715	20.7416	-26.6293	-1.3739
Base	10	76	1.2(DL+LL+WL:+Y)	Combination	29.5986	44.872	2080.2008	15.8264	-23.9757	-1.3307
Base	10	76	1.2(DL+LL+WL:-Y)	Combination	22.9975	45.0092	2099.0221	15.6322	-28.7644	-1.3486
Base	10	76	1.2(DL+LL+EQ:+X)	Combination	-66.4326	45.7176	2317.2311	14.6269	-91.285	-1.5879
Base	10	76	1.2(DL+LL+EQ:-X)	Combination	119.0287	44.1636	1861.9918	16.8318	38.5448	-1.0914
Base	10	76	1.2(DL+LL+EQ:+Y)	Combination	16.5018	-25.9055	2210.3948	74.4531	-30.2716	-1.568
Base	10	76	1.2(DL+LL+EQ:-Y)	Combination	36.0943	115.7867	1968.8281	-42.9945	-22.4686	-1.1113
Base	10	76	0.9DL+1.5EQ+X	Combination	-102.0468	26.0993	1672.5322	8.9605	-99.422	-1.356
Base	10	76	0.9DL+1.5EQ-X	Combination	129.7798	24.1567	1103.483	11.7166	62.8652	-0.7353
Base	10	76	0.9DL+1.5EQY+	Combination	1.6212	-63.4296	1538.9868	83.7432	-23.1552	-1.3311
Base	10	76	0.9DL+1.5EQY-	Combination	26.1119	113.6856	1237.0285	-63.0662	-13.4015	-0.7602
Base	10	76	DWals1	Combination	23.1109	41.88	2313.346	17.2309	-30.464	-1.7428
Base	10	76	DWals2	Combination	32.8726	56.1758	2612.0143	19.6616	-32.9626	-1.6746
Base	10	76	DWals3	Combination	27.0414	51.056	2081.9514	10.717	-26.1108	-1.3054
Base	10	76	DWals4	Combination	25.5547	38.8252	2097.2715	20.7416	-26.6293	-1.3739
Base	10	76	DWals5	Combination	29.5986	44.872	2080.2008	15.8264	-23.9757	-1.3307
Base	10	76	DWals6	Combination	22.9975	45.0092	2099.0221	15.6322	-28.7644	-1.3486
Base	10	76	DWals7	Combination	24.0401	49.5242	2303.771	10.9654	-30.1399	-1.6999
Base	10	76	DWals8	Combination	22.1817	34.2357	2322.9211	23.4963	-30.788	-1.7856
Base	10	76	DWals9	Combination	27.2366	41.7943	2301.5827	17.3522	-27.471	-1.7316
Base	10	76	DWals10	Combination	18.9852	41.9657	2325.1094	17.1095	-33.4569	-1.7539
Base	10	76	DWals11	Combination	14.7957	32.7722	1378.4326	4.0731	-17.9543	-1.0028
Base	10	76	DWals12	Combination	12.9373	17.4838	1397.5827	16.6039	-18.6025	-1.0885

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	76	DWals13	Combination	17.9922	25.0423	1376.2443	10.4599	-15.2854	-1.0345
Base	10	76	DWals14	Combination	9.7408	25.2137	1399.771	10.2172	-21.2713	-1.0568
Base	10	76	DWals15	Combination	-66.4326	45.7176	2317.2311	14.6269	-91.285	-1.5879
Base	10	76	DWals16	Combination	119.0287	44.1636	1861.9918	16.8318	38.5448	-1.0914
Base	10	76	DWals17	Combination	16.5018	-25.9055	2210.3948	74.4531	-30.2716	-1.568
Base	10	76	DWals18	Combination	36.0943	115.7867	1968.8281	-42.9945	-22.4686	-1.1113
Base	10	76	DWals19	Combination	-92.8024	42.8513	2597.8706	15.8528	-111.6076	-2.0531
Base	10	76	DWals20	Combination	139.0242	40.9087	2028.8215	18.6089	50.6796	-1.4324
Base	10	76	DWals21	Combination	10.8655	-46.6776	2464.3252	90.6356	-35.3408	-2.0282
Base	10	76	DWals22	Combination	35.3562	130.4376	2162.3669	-56.1739	-25.5871	-1.4573
Base	10	76	DWals23	Combination	-102.0468	26.0993	1672.5322	8.9605	-99.422	-1.356
Base	10	76	DWals24	Combination	129.7798	24.1567	1103.483	11.7166	62.8652	-0.7353
Base	10	76	DWals25	Combination	1.6212	-63.4296	1538.9868	83.7432	-23.1552	-1.3311
Base	10	76	DWals26	Combination	26.1119	113.6856	1237.0285	-63.0662	-13.4015	-0.7602
Base	11	534	Dead	LinStatic	-0.9478	13.8859	2412.0324	0	0	0
Base	11	534	Live	LinStatic	-0.6565	2.5118	362.9318	0	0	0
Base	11	534	windx	LinStatic	0.4561	-0.995	-0.6657	0	0	0
Base	11	534	windy	LinStatic	-0.6463	-0.0089	-0.3848	0	0	0
Base	11	534	seismic x	LinStatic	13.7976	1.0543	11.9967	0	0	0
Base	11	534	seismic y	LinStatic	-3.6266	14.9521	10.9883	0	0	0
Base	11	534	1.5(DL+LL)	Combination	-2.4063	24.5965	4162.4464	0	0	0
Base	11	534	1.5(DL+EQ:+X)	Combination	19.2748	22.4102	3636.0437	0	0	0
Base	11	534	1.5(DL+EQ:-X)	Combination	-22.1181	19.2473	3600.0535	0	0	0
Base	11	534	1.5(DL+EQ:+Y)	Combination	-6.8616	43.257	3634.5311	0	0	0
Base	11	534	1.5(DL+EQ:-Y)	Combination	4.0183	-1.5994	3601.5661	0	0	0
Base	11	534	1.5(DL+WL:+X)	Combination	-0.7375	19.3362	3617.0501	0	0	0
Base	11	534	1.5(DL+WL:-X)	Combination	-2.1058	22.3214	3619.0471	0	0	0
Base	11	534	1.5(DL+WL:+Y)	Combination	-2.3911	20.8155	3617.4714	0	0	0
Base	11	534	1.5(DL+WL:-Y)	Combination	-0.4522	20.8421	3618.6258	0	0	0
Base	11	534	1.2(DL+LL+WL:+X)	Combination	-1.3778	18.4832	3329.1583	0	0	0
Base	11	534	1.2(DL+LL+WL:-X)	Combination	-2.4724	20.8713	3330.7559	0	0	0
Base	11	534	1.2(DL+LL+WL:+Y)	Combination	-2.7006	19.6666	3329.4953	0	0	0
Base	11	534	1.2(DL+LL+WL:-Y)	Combination	-1.1495	19.6879	3330.4188	0	0	0
Base	11	534	1.2(DL+LL+EQ:+X)	Combination	14.6321	20.9424	3344.3532	0	0	0
Base	11	534	1.2(DL+LL+EQ:-X)	Combination	-18.4822	18.4121	3315.561	0	0	0
Base	11	534	1.2(DL+LL+EQ:+Y)	Combination	-6.277	37.6198	3343.1431	0	0	0
Base	11	534	1.2(DL+LL+EQ:-Y)	Combination	2.4269	1.7346	3316.7711	0	0	0
Base	11	534	0.9DL+1.5EQ+X	Combination	19.8435	14.0787	2188.8243	0	0	0
Base	11	534	0.9DL+1.5EQ-X	Combination	-21.5495	10.9158	2152.834	0	0	0
Base	11	534	0.9DL+1.5EQY+	Combination	-6.293	34.9255	2187.3117	0	0	0
Base	11	534	0.9DL+1.5EQY-	Combination	4.587	-9.9309	2154.3466	0	0	0
Base	11	534	DWals1	Combination	-1.4217	20.8288	3618.0486	0	0	0
Base	11	534	DWals2	Combination	-2.4063	24.5965	4162.4464	0	0	0
Base	11	534	DWals3	Combination	-1.3778	18.4832	3329.1583	0	0	0
Base	11	534	DWals4	Combination	-2.4724	20.8713	3330.7559	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	11	534	DWals5	Combination	-2.7006	19.6666	3329.4953	0	0	0
Base	11	534	DWals6	Combination	-1.1495	19.6879	3330.4188	0	0	0
Base	11	534	DWals7	Combination	-0.7375	19.3362	3617.0501	0	0	0
Base	11	534	DWals8	Combination	-2.1058	22.3214	3619.0471	0	0	0
Base	11	534	DWals9	Combination	-2.3911	20.8155	3617.4714	0	0	0
Base	11	534	DWals10	Combination	-0.4522	20.8421	3618.6258	0	0	0
Base	11	534	DWals11	Combination	-0.1688	11.0047	2169.8307	0	0	0
Base	11	534	DWals12	Combination	-1.5371	13.9898	2171.8276	0	0	0
Base	11	534	DWals13	Combination	-1.8224	12.4839	2170.252	0	0	0
Base	11	534	DWals14	Combination	0.1164	12.5106	2171.4063	0	0	0
Base	11	534	DWals15	Combination	14.6321	20.9424	3344.3532	0	0	0
Base	11	534	DWals16	Combination	-18.4822	18.4121	3315.561	0	0	0
Base	11	534	DWals17	Combination	-6.277	37.6198	3343.1431	0	0	0
Base	11	534	DWals18	Combination	2.4269	1.7346	3316.7711	0	0	0
Base	11	534	DWals19	Combination	19.2748	22.4102	3636.0437	0	0	0
Base	11	534	DWals20	Combination	-22.1181	19.2473	3600.0535	0	0	0
Base	11	534	DWals21	Combination	-6.8616	43.257	3634.5311	0	0	0
Base	11	534	DWals22	Combination	4.0183	-1.5994	3601.5661	0	0	0
Base	11	534	DWals23	Combination	19.8435	14.0787	2188.8243	0	0	0
Base	11	534	DWals24	Combination	-21.5495	10.9158	2152.834	0	0	0
Base	11	534	DWals25	Combination	-6.293	34.9255	2187.3117	0	0	0
Base	11	534	DWals26	Combination	4.587	-9.9309	2154.3466	0	0	0
Base	12	80	Dead	LinStatic	-14.7767	-63.0241	1532.024	-21.9958	-10.3922	-1.6254
Base	12	80	Live	LinStatic	-1.3894	-11.3789	182.3512	-5.0042	-0.541	-0.008
Base	12	80	windx	LinStatic	-0.958	9.1402	-2.8827	-6.6101	-1.1268	0.0405
Base	12	80	windy	LinStatic	0.4395	-0.4548	-0.2408	0.284	0.7596	0.0074
Base	12	80	seismic x	LinStatic	-32.2455	6.5448	0.3002	-3.7369	-37.0844	-0.383
Base	12	80	seismic y	LinStatic	8.4576	-43.9987	43.6476	42.9092	9.0084	-0.3538
Base	12	80	1.5(DL+LL)	Combination	-24.2491	-111.6044	2571.5627	-40.5	-16.3998	-2.4501
Base	12	80	1.5(DL+EQ:+X)	Combination	-70.5332	-84.7189	2298.4862	-38.5991	-71.2148	-3.0127
Base	12	80	1.5(DL+EQ:-X)	Combination	26.2032	-104.3532	2297.5857	-27.3884	40.0383	-1.8636
Base	12	80	1.5(DL+EQ:+Y)	Combination	-9.4786	-160.5341	2363.5074	31.3701	-2.0756	-2.9688
Base	12	80	1.5(DL+EQ:-Y)	Combination	-34.8514	-28.538	2232.5645	-97.3576	-29.1009	-1.9075
Base	12	80	1.5(DL+WL:+X)	Combination	-23.602	-80.8257	2293.7119	-42.9089	-17.2784	-2.3774
Base	12	80	1.5(DL+WL:-X)	Combination	-20.728	-108.2465	2302.3599	-23.0786	-13.8981	-2.4989
Base	12	80	1.5(DL+WL:+Y)	Combination	-21.5058	-95.2184	2297.6748	-32.5678	-14.4488	-2.427
Base	12	80	1.5(DL+WL:-Y)	Combination	-22.8242	-93.8538	2298.3971	-33.4197	-16.7277	-2.4493
Base	12	80	1.2(DL+LL+WL:+X)	Combination	-20.5489	-78.3152	2053.791	-40.3321	-14.472	-1.9115
Base	12	80	1.2(DL+LL+WL:-X)	Combination	-18.2497	-100.2518	2060.7094	-24.4679	-11.7677	-2.0087
Base	12	80	1.2(DL+LL+WL:+Y)	Combination	-18.8719	-89.8294	2056.9613	-32.0592	-12.2083	-1.9512
Base	12	80	1.2(DL+LL+WL:-Y)	Combination	-19.9266	-88.7377	2057.5391	-32.7408	-14.0314	-1.969
Base	12	80	1.2(DL+LL+EQ:+X)	Combination	-58.0938	-81.4298	2057.6104	-36.8843	-57.6211	-2.4197
Base	12	80	1.2(DL+LL+EQ:-X)	Combination	19.2953	-97.1373	2056.89	-27.9157	31.3814	-1.5005
Base	12	80	1.2(DL+LL+EQ:+Y)	Combination	-9.2501	-142.082	2109.6274	19.0911	-2.3097	-2.3846
Base	12	80	1.2(DL+LL+EQ:-Y)	Combination	-29.5484	-36.4851	2004.873	-83.8911	-23.93	-1.5356

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	12	80	0.9DL+1.5EQ+X	Combination	-61.6672	-46.9045	1379.2718	-25.4016	-64.9795	-2.0374
Base	12	80	0.9DL+1.5EQ-X	Combination	35.0692	-66.5388	1378.3713	-14.1909	46.2736	-0.8884
Base	12	80	0.9DL+1.5EQY+	Combination	-0.6126	-122.7197	1444.293	44.5676	4.1597	-1.9936
Base	12	80	0.9DL+1.5EQY-	Combination	-25.9854	9.2764	1313.3501	-84.1601	-22.8656	-0.9322
Base	12	80	DWals1	Combination	-22.165	-94.5361	2298.0359	-32.9937	-15.5883	-2.4382
Base	12	80	DWals2	Combination	-24.2491	-111.6044	2571.5627	-40.5	-16.3998	-2.4501
Base	12	80	DWals3	Combination	-20.5489	-78.3152	2053.791	-40.3321	-14.472	-1.9115
Base	12	80	DWals4	Combination	-18.2497	-100.2518	2060.7094	-24.4679	-11.7677	-2.0087
Base	12	80	DWals5	Combination	-18.8719	-89.8294	2056.9613	-32.0592	-12.2083	-1.9512
Base	12	80	DWals6	Combination	-19.9266	-88.7377	2057.5391	-32.7408	-14.0314	-1.969
Base	12	80	DWals7	Combination	-23.602	-80.8257	2293.7119	-42.9089	-17.2784	-2.3774
Base	12	80	DWals8	Combination	-20.728	-108.2465	2302.3599	-23.0786	-13.8981	-2.4989
Base	12	80	DWals9	Combination	-21.5058	-95.2184	2297.6748	-32.5678	-14.4488	-2.427
Base	12	80	DWals10	Combination	-22.8242	-93.8538	2298.3971	-33.4197	-16.7277	-2.4493
Base	12	80	DWals11	Combination	-14.736	-43.0113	1374.4975	-29.7114	-11.0431	-1.4021
Base	12	80	DWals12	Combination	-11.862	-70.432	1383.1456	-9.8811	-7.6628	-1.5237
Base	12	80	DWals13	Combination	-12.6398	-57.4039	1378.4604	-19.3703	-8.2135	-1.4517
Base	12	80	DWals14	Combination	-13.9582	-56.0394	1379.1827	-20.2222	-10.4924	-1.4741
Base	12	80	DWals15	Combination	-58.0938	-81.4298	2057.6104	-36.8843	-57.6211	-2.4197
Base	12	80	DWals16	Combination	19.2953	-97.1373	2056.89	-27.9157	31.3814	-1.5005
Base	12	80	DWals17	Combination	-9.2501	-142.082	2109.6274	19.0911	-2.3097	-2.3846
Base	12	80	DWals18	Combination	-29.5484	-36.4851	2004.873	-83.8911	-23.93	-1.5356
Base	12	80	DWals19	Combination	-70.5332	-84.7189	2298.4862	-38.5991	-71.2148	-3.0127
Base	12	80	DWals20	Combination	26.2032	-104.3532	2297.5857	-27.3884	40.0383	-1.8636
Base	12	80	DWals21	Combination	-9.4786	-160.5341	2363.5074	31.3701	-2.0756	-2.9688
Base	12	80	DWals22	Combination	-34.8514	-28.538	2232.5645	-97.3576	-29.1009	-1.9075
Base	12	80	DWals23	Combination	-61.6672	-46.9045	1379.2718	-25.4016	-64.9795	-2.0374
Base	12	80	DWals24	Combination	35.0692	-66.5388	1378.3713	-14.1909	46.2736	-0.8884
Base	12	80	DWals25	Combination	-0.6126	-122.7197	1444.293	44.5676	4.1597	-1.9936
Base	12	80	DWals26	Combination	-25.9854	9.2764	1313.3501	-84.1601	-22.8656	-0.9322
Base	13	84	Dead	LinStatic	-25.2548	41.7218	1022.0394	32.8018	-7.4145	-1.4494
Base	13	84	Live	LinStatic	-2.6119	9.778	96.4414	5.1619	0.2017	-0.0073
Base	13	84	windx	LinStatic	0.5507	1.9111	2.0346	-2.6743	0.928	0.0132
Base	13	84	windy	LinStatic	1.6734	0.2623	-1.3577	0.2279	0.5398	-0.0619
Base	13	84	seismic x	LinStatic	-33.229	-1.4518	46.6463	-0.199	-32.7164	0.5848
Base	13	84	seismic y	LinStatic	-2.6922	-50.7808	-31.6376	47.8486	-6.5199	-0.1951
Base	13	84	1.5(DL+LL)	Combination	-41.8002	77.2498	1677.7211	56.9456	-10.8192	-2.1851
Base	13	84	1.5(DL+EQ:+X)	Combination	-87.7258	60.4051	1603.0285	48.9042	-60.1964	-1.2969
Base	13	84	1.5(DL+EQ:-X)	Combination	11.9612	64.7604	1463.0895	49.5012	37.9528	-3.0514
Base	13	84	1.5(DL+EQ:+Y)	Combination	-41.9205	-13.5885	1485.6026	120.9757	-20.9016	-2.4668
Base	13	84	1.5(DL+EQ:-Y)	Combination	-33.844	138.754	1580.5154	-22.5703	-1.3419	-1.8815
Base	13	84	1.5(DL+WL:+X)	Combination	-37.0562	65.4494	1536.111	45.1912	-9.7297	-2.1543
Base	13	84	1.5(DL+WL:-X)	Combination	-38.7084	59.7161	1530.0071	53.2142	-12.5138	-2.194
Base	13	84	1.5(DL+WL:+Y)	Combination	-35.3722	62.9762	1531.0225	49.5446	-10.3121	-2.267
Base	13	84	1.5(DL+WL:-Y)	Combination	-40.3923	62.1893	1535.0955	48.8608	-11.9314	-2.0812

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	13	84	1.2(DL+LL+WL:+X)	Combination	-32.7793	64.0931	1344.6185	42.3473	-7.5418	-1.7322
Base	13	84	1.2(DL+LL+WL:-X)	Combination	-34.101	59.5065	1339.7353	48.7657	-9.769	-1.764
Base	13	84	1.2(DL+LL+WL:+Y)	Combination	-31.4321	62.1146	1340.5477	45.83	-8.0076	-1.8224
Base	13	84	1.2(DL+LL+WL:-Y)	Combination	-35.4482	61.4851	1343.8061	45.283	-9.3031	-1.6738
Base	13	84	1.2(DL+LL+EQ:+X)	Combination	-73.3149	60.0577	1398.1525	45.3176	-47.9151	-1.0463
Base	13	84	1.2(DL+LL+EQ:-X)	Combination	6.4346	63.542	1286.2013	45.7953	30.6043	-2.4499
Base	13	84	1.2(DL+LL+EQ:+Y)	Combination	-36.6707	0.8628	1304.2118	102.9748	-16.4793	-1.9822
Base	13	84	1.2(DL+LL+EQ:-Y)	Combination	-30.2096	122.7368	1380.142	-11.8619	-0.8315	-1.5139
Base	13	84	0.9DL+1.5EQ+X	Combination	-72.5728	35.372	989.8049	29.2231	-55.7476	-0.4272
Base	13	84	0.9DL+1.5EQ-X	Combination	27.1141	39.7273	849.8659	29.8202	42.4015	-2.1817
Base	13	84	0.9DL+1.5EQY+	Combination	-26.7676	-38.6216	872.379	101.2946	-16.4529	-1.5972
Base	13	84	0.9DL+1.5EQY-	Combination	-18.6911	113.7209	967.2918	-42.2513	3.1068	-1.0118
Base	13	84	DWals1	Combination	-37.8823	62.5828	1533.059	49.2027	-11.1218	-2.1741
Base	13	84	DWals2	Combination	-41.8002	77.2498	1677.7211	56.9456	-10.8192	-2.1851
Base	13	84	DWals3	Combination	-32.7793	64.0931	1344.6185	42.3473	-7.5418	-1.7322
Base	13	84	DWals4	Combination	-34.101	59.5065	1339.7353	48.7657	-9.769	-1.764
Base	13	84	DWals5	Combination	-31.4321	62.1146	1340.5477	45.83	-8.0076	-1.8224
Base	13	84	DWals6	Combination	-35.4482	61.4851	1343.8061	45.283	-9.3031	-1.6738
Base	13	84	DWals7	Combination	-37.0562	65.4494	1536.111	45.1912	-9.7297	-2.1543
Base	13	84	DWals8	Combination	-38.7084	59.7161	1530.0071	53.2142	-12.5138	-2.194
Base	13	84	DWals9	Combination	-35.3722	62.9762	1531.0225	49.5446	-10.3121	-2.267
Base	13	84	DWals10	Combination	-40.3923	62.1893	1535.0955	48.8608	-11.9314	-2.0812
Base	13	84	DWals11	Combination	-21.9032	40.4163	922.8874	25.5101	-5.281	-1.2846
Base	13	84	DWals12	Combination	-23.5555	34.683	916.7834	33.5331	-8.0651	-1.3243
Base	13	84	DWals13	Combination	-20.2193	37.9431	917.7989	29.8635	-5.8634	-1.3974
Base	13	84	DWals14	Combination	-25.2394	37.1562	921.8719	29.1797	-7.4827	-1.2116
Base	13	84	DWals15	Combination	-73.3149	60.0577	1398.1525	45.3176	-47.9151	-1.0463
Base	13	84	DWals16	Combination	6.4346	63.542	1286.2013	45.7953	30.6043	-2.4499
Base	13	84	DWals17	Combination	-36.6707	0.8628	1304.2118	102.9748	-16.4793	-1.9822
Base	13	84	DWals18	Combination	-30.2096	122.7368	1380.142	-11.8619	-0.8315	-1.5139
Base	13	84	DWals19	Combination	-87.7258	60.4051	1603.0285	48.9042	-60.1964	-1.2969
Base	13	84	DWals20	Combination	11.9612	64.7604	1463.0895	49.5012	37.9528	-3.0514
Base	13	84	DWals21	Combination	-41.9205	-13.5885	1485.6026	120.9757	-20.9016	-2.4668
Base	13	84	DWals22	Combination	-33.844	138.754	1580.5154	-22.5703	-1.3419	-1.8815
Base	13	84	DWals23	Combination	-72.5728	35.372	989.8049	29.2231	-55.7476	-0.4272
Base	13	84	DWals24	Combination	27.1141	39.7273	849.8659	29.8202	42.4015	-2.1817
Base	13	84	DWals25	Combination	-26.7676	-38.6216	872.379	101.2946	-16.4529	-1.5972
Base	13	84	DWals26	Combination	-18.6911	113.7209	967.2918	-42.2513	3.1068	-1.0118
Base	14	540	Dead	LinStatic	-26.7412	-3.4868	1707.0793	0	0	0
Base	14	540	Live	LinStatic	-6.2555	-1.0439	206.8816	0	0	0
Base	14	540	windx	LinStatic	-0.4462	-1.4832	-0.3299	0	0	0
Base	14	540	windy	LinStatic	0.6067	0.523	-1.9145	0	0	0
Base	14	540	seismic x	LinStatic	5.3526	-1.1513	56.9626	0	0	0
Base	14	540	seismic y	LinStatic	3.9659	14.2242	5.2508	0	0	0
Base	14	540	1.5(DL+LL)	Combination	-49.4951	-6.7961	2870.9414	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	540	1.5(DL+EQ:+X)	Combination	-32.0829	-6.9572	2646.0629	0	0	0
Base	14	540	1.5(DL+EQ:-X)	Combination	-48.1407	-3.5033	2475.1749	0	0	0
Base	14	540	1.5(DL+EQ:+Y)	Combination	-34.1629	16.106	2568.4951	0	0	0
Base	14	540	1.5(DL+EQ:-Y)	Combination	-46.0607	-26.5665	2552.7427	0	0	0
Base	14	540	1.5(DL+WL:+X)	Combination	-40.7812	-7.4551	2560.124	0	0	0
Base	14	540	1.5(DL+WL:-X)	Combination	-39.4424	-3.0054	2561.1138	0	0	0
Base	14	540	1.5(DL+WL:+Y)	Combination	-39.2017	-4.4458	2557.7471	0	0	0
Base	14	540	1.5(DL+WL:-Y)	Combination	-41.0219	-6.0147	2563.4907	0	0	0
Base	14	540	1.2(DL+LL+WL:+X)	Combination	-40.1315	-7.2168	2296.3572	0	0	0
Base	14	540	1.2(DL+LL+WL:-X)	Combination	-39.0606	-3.657	2297.149	0	0	0
Base	14	540	1.2(DL+LL+WL:+Y)	Combination	-38.868	-4.8093	2294.4556	0	0	0
Base	14	540	1.2(DL+LL+WL:-Y)	Combination	-40.3241	-6.0645	2299.0505	0	0	0
Base	14	540	1.2(DL+LL+EQ:+X)	Combination	-33.173	-6.8185	2365.1083	0	0	0
Base	14	540	1.2(DL+LL+EQ:-X)	Combination	-46.0191	-4.0553	2228.3979	0	0	0
Base	14	540	1.2(DL+LL+EQ:+Y)	Combination	-34.837	11.6321	2303.054	0	0	0
Base	14	540	1.2(DL+LL+EQ:-Y)	Combination	-44.3551	-22.5059	2290.4521	0	0	0
Base	14	540	0.9DL+1.5EQ+X	Combination	-16.0382	-4.8651	1621.8153	0	0	0
Base	14	540	0.9DL+1.5EQ-X	Combination	-32.096	-1.4112	1450.9274	0	0	0
Base	14	540	0.9DL+1.5EQY+	Combination	-18.1182	18.1981	1544.2475	0	0	0
Base	14	540	0.9DL+1.5EQY-	Combination	-30.0159	-24.4744	1528.4952	0	0	0
Base	14	540	DWals1	Combination	-40.1118	-5.2302	2560.6189	0	0	0
Base	14	540	DWals2	Combination	-49.4951	-6.7961	2870.9414	0	0	0
Base	14	540	DWals3	Combination	-40.1315	-7.2168	2296.3572	0	0	0
Base	14	540	DWals4	Combination	-39.0606	-3.657	2297.149	0	0	0
Base	14	540	DWals5	Combination	-38.868	-4.8093	2294.4556	0	0	0
Base	14	540	DWals6	Combination	-40.3241	-6.0645	2299.0505	0	0	0
Base	14	540	DWals7	Combination	-40.7812	-7.4551	2560.124	0	0	0
Base	14	540	DWals8	Combination	-39.4424	-3.0054	2561.1138	0	0	0
Base	14	540	DWals9	Combination	-39.2017	-4.4458	2557.7471	0	0	0
Base	14	540	DWals10	Combination	-41.0219	-6.0147	2563.4907	0	0	0
Base	14	540	DWals11	Combination	-24.7364	-5.363	1535.8765	0	0	0
Base	14	540	DWals12	Combination	-23.3977	-0.9133	1536.8662	0	0	0
Base	14	540	DWals13	Combination	-23.157	-2.3537	1533.4995	0	0	0
Base	14	540	DWals14	Combination	-24.9771	-3.9226	1539.2431	0	0	0
Base	14	540	DWals15	Combination	-33.173	-6.8185	2365.1083	0	0	0
Base	14	540	DWals16	Combination	-46.0191	-4.0553	2228.3979	0	0	0
Base	14	540	DWals17	Combination	-34.837	11.6321	2303.054	0	0	0
Base	14	540	DWals18	Combination	-44.3551	-22.5059	2290.4521	0	0	0
Base	14	540	DWals19	Combination	-32.0829	-6.9572	2646.0629	0	0	0
Base	14	540	DWals20	Combination	-48.1407	-3.5033	2475.1749	0	0	0
Base	14	540	DWals21	Combination	-34.1629	16.106	2568.4951	0	0	0
Base	14	540	DWals22	Combination	-46.0607	-26.5665	2552.7427	0	0	0
Base	14	540	DWals23	Combination	-16.0382	-4.8651	1621.8153	0	0	0
Base	14	540	DWals24	Combination	-32.096	-1.4112	1450.9274	0	0	0
Base	14	540	DWals25	Combination	-18.1182	18.1981	1544.2475	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	540	DWals26	Combination	-30.0159	-24.4744	1528.4952	0	0	0
Base	15	541	Dead	LinStatic	-31.9562	-44.0209	1763.5425	0	0	0
Base	15	541	Live	LinStatic	-6.4602	-8.5873	209.7565	0	0	0
Base	15	541	windx	LinStatic	-0.0855	-1.1395	3.0828	0	0	0
Base	15	541	windy	LinStatic	-0.2604	0.2344	1.4882	0	0	0
Base	15	541	seismic x	LinStatic	6.3756	-0.2509	-32.621	0	0	0
Base	15	541	seismic y	LinStatic	1.0028	9.9611	-46.2663	0	0	0
Base	15	541	1.5(DL+LL)	Combination	-57.6245	-78.9124	2959.9485	0	0	0
Base	15	541	1.5(DL+EQ:+X)	Combination	-38.3709	-66.4078	2596.3822	0	0	0
Base	15	541	1.5(DL+EQ:-X)	Combination	-57.4976	-65.655	2694.2453	0	0	0
Base	15	541	1.5(DL+EQ:+Y)	Combination	-46.4301	-51.0898	2575.9144	0	0	0
Base	15	541	1.5(DL+EQ:-Y)	Combination	-49.4384	-80.9729	2714.7132	0	0	0
Base	15	541	1.5(DL+WL:+X)	Combination	-48.0625	-67.7407	2649.938	0	0	0
Base	15	541	1.5(DL+WL:-X)	Combination	-47.806	-64.3221	2640.6895	0	0	0
Base	15	541	1.5(DL+WL:+Y)	Combination	-48.3248	-65.6797	2647.5461	0	0	0
Base	15	541	1.5(DL+WL:-Y)	Combination	-47.5437	-66.383	2643.0814	0	0	0
Base	15	541	1.2(DL+LL+WL:+X)	Combination	-46.2022	-64.4973	2371.6582	0	0	0
Base	15	541	1.2(DL+LL+WL:-X)	Combination	-45.997	-61.7625	2364.2594	0	0	0
Base	15	541	1.2(DL+LL+WL:+Y)	Combination	-46.4121	-62.8486	2369.7447	0	0	0
Base	15	541	1.2(DL+LL+WL:-Y)	Combination	-45.7872	-63.4112	2366.1729	0	0	0
Base	15	541	1.2(DL+LL+EQ:+X)	Combination	-38.4489	-63.431	2328.8136	0	0	0
Base	15	541	1.2(DL+LL+EQ:-X)	Combination	-53.7503	-62.8288	2407.1041	0	0	0
Base	15	541	1.2(DL+LL+EQ:+Y)	Combination	-44.8963	-51.1766	2312.4393	0	0	0
Base	15	541	1.2(DL+LL+EQ:-Y)	Combination	-47.3029	-75.0832	2423.4783	0	0	0
Base	15	541	0.9DL+1.5EQ+X	Combination	-19.1972	-39.9952	1538.2567	0	0	0
Base	15	541	0.9DL+1.5EQ-X	Combination	-38.3239	-39.2424	1636.1198	0	0	0
Base	15	541	0.9DL+1.5EQY+	Combination	-27.2564	-24.6772	1517.7889	0	0	0
Base	15	541	0.9DL+1.5EQY-	Combination	-30.2647	-54.5604	1656.5877	0	0	0
Base	15	541	DWals1	Combination	-47.9342	-66.0314	2645.3138	0	0	0
Base	15	541	DWals2	Combination	-57.6245	-78.9124	2959.9485	0	0	0
Base	15	541	DWals3	Combination	-46.2022	-64.4973	2371.6582	0	0	0
Base	15	541	DWals4	Combination	-45.997	-61.7625	2364.2594	0	0	0
Base	15	541	DWals5	Combination	-46.4121	-62.8486	2369.7447	0	0	0
Base	15	541	DWals6	Combination	-45.7872	-63.4112	2366.1729	0	0	0
Base	15	541	DWals7	Combination	-48.0625	-67.7407	2649.938	0	0	0
Base	15	541	DWals8	Combination	-47.806	-64.3221	2640.6895	0	0	0
Base	15	541	DWals9	Combination	-48.3248	-65.6797	2647.5461	0	0	0
Base	15	541	DWals10	Combination	-47.5437	-66.383	2643.0814	0	0	0
Base	15	541	DWals11	Combination	-28.8888	-41.3281	1591.8125	0	0	0
Base	15	541	DWals12	Combination	-28.6323	-37.9095	1582.564	0	0	0
Base	15	541	DWals13	Combination	-29.1511	-39.2672	1589.4206	0	0	0
Base	15	541	DWals14	Combination	-28.37	-39.9705	1584.9559	0	0	0
Base	15	541	DWals15	Combination	-38.4489	-63.431	2328.8136	0	0	0
Base	15	541	DWals16	Combination	-53.7503	-62.8288	2407.1041	0	0	0
Base	15	541	DWals17	Combination	-44.8963	-51.1766	2312.4393	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	15	541	DWals18	Combination	-47.3029	-75.0832	2423.4783	0	0	0
Base	15	541	DWals19	Combination	-38.3709	-66.4078	2596.3822	0	0	0
Base	15	541	DWals20	Combination	-57.4976	-65.655	2694.2453	0	0	0
Base	15	541	DWals21	Combination	-46.4301	-51.0898	2575.9144	0	0	0
Base	15	541	DWals22	Combination	-49.4384	-80.9729	2714.7132	0	0	0
Base	15	541	DWals23	Combination	-19.1972	-39.9952	1538.2567	0	0	0
Base	15	541	DWals24	Combination	-38.3239	-39.2424	1636.1198	0	0	0
Base	15	541	DWals25	Combination	-27.2564	-24.6772	1517.7889	0	0	0
Base	15	541	DWals26	Combination	-30.2647	-54.5604	1656.5877	0	0	0
Base	16	542	Dead	LinStatic	9.1451	57.7057	2181.4347	0	0	0
Base	16	542	Live	LinStatic	-4.8428	3.1014	240.0419	0	0	0
Base	16	542	windx	LinStatic	0.4294	-1.4609	-3.9724	0	0	0
Base	16	542	windy	LinStatic	-0.9753	0.4218	12.4518	0	0	0
Base	16	542	seismic x	LinStatic	19.7544	-6.7655	-311.9795	0	0	0
Base	16	542	seismic y	LinStatic	-1.6691	15.9353	46.2332	0	0	0
Base	16	542	1.5(DL+LL)	Combination	6.4534	91.2106	3632.2149	0	0	0
Base	16	542	1.5(DL+EQ:+X)	Combination	43.3492	76.4102	2804.1828	0	0	0
Base	16	542	1.5(DL+EQ:-X)	Combination	-15.9139	96.7068	3740.1213	0	0	0
Base	16	542	1.5(DL+EQ:+Y)	Combination	11.214	110.4614	3341.5019	0	0	0
Base	16	542	1.5(DL+EQ:-Y)	Combination	16.2212	62.6556	3202.8023	0	0	0
Base	16	542	1.5(DL+WL:+X)	Combination	14.3617	84.3671	3266.1935	0	0	0
Base	16	542	1.5(DL+WL:-X)	Combination	13.0735	88.7499	3278.1106	0	0	0
Base	16	542	1.5(DL+WL:+Y)	Combination	12.2546	87.1912	3290.8298	0	0	0
Base	16	542	1.5(DL+WL:-Y)	Combination	15.1806	85.9258	3253.4744	0	0	0
Base	16	542	1.2(DL+LL+WL:+X)	Combination	5.678	71.2154	2901.0051	0	0	0
Base	16	542	1.2(DL+LL+WL:-X)	Combination	4.6474	74.7216	2910.5387	0	0	0
Base	16	542	1.2(DL+LL+WL:+Y)	Combination	3.9923	73.4747	2920.7141	0	0	0
Base	16	542	1.2(DL+LL+WL:-Y)	Combination	6.3331	72.4623	2890.8298	0	0	0
Base	16	542	1.2(DL+LL+EQ:+X)	Combination	28.868	64.8499	2531.3965	0	0	0
Base	16	542	1.2(DL+LL+EQ:-X)	Combination	-18.5425	81.0871	3280.1473	0	0	0
Base	16	542	1.2(DL+LL+EQ:+Y)	Combination	3.1598	92.0908	2961.2517	0	0	0
Base	16	542	1.2(DL+LL+EQ:-Y)	Combination	7.1656	53.8462	2850.2921	0	0	0
Base	16	542	0.9DL+1.5EQ+X	Combination	37.8621	41.7868	1495.322	0	0	0
Base	16	542	0.9DL+1.5EQ-X	Combination	-21.401	62.0834	2431.2605	0	0	0
Base	16	542	0.9DL+1.5EQY+	Combination	5.727	75.838	2032.641	0	0	0
Base	16	542	0.9DL+1.5EQY-	Combination	10.7342	28.0322	1893.9414	0	0	0
Base	16	542	DWals1	Combination	13.7176	86.5585	3272.1521	0	0	0
Base	16	542	DWals2	Combination	6.4534	91.2106	3632.2149	0	0	0
Base	16	542	DWals3	Combination	5.678	71.2154	2901.0051	0	0	0
Base	16	542	DWals4	Combination	4.6474	74.7216	2910.5387	0	0	0
Base	16	542	DWals5	Combination	3.9923	73.4747	2920.7141	0	0	0
Base	16	542	DWals6	Combination	6.3331	72.4623	2890.8298	0	0	0
Base	16	542	DWals7	Combination	14.3617	84.3671	3266.1935	0	0	0
Base	16	542	DWals8	Combination	13.0735	88.7499	3278.1106	0	0	0
Base	16	542	DWals9	Combination	12.2546	87.1912	3290.8298	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	16	542	DWals10	Combination	15.1806	85.9258	3253.4744	0	0	0
Base	16	542	DWals11	Combination	8.8747	49.7437	1957.3327	0	0	0
Base	16	542	DWals12	Combination	7.5865	54.1265	1969.2498	0	0	0
Base	16	542	DWals13	Combination	6.7676	52.5678	1981.9689	0	0	0
Base	16	542	DWals14	Combination	9.6936	51.3024	1944.6135	0	0	0
Base	16	542	DWals15	Combination	28.868	64.8499	2531.3965	0	0	0
Base	16	542	DWals16	Combination	-18.5425	81.0871	3280.1473	0	0	0
Base	16	542	DWals17	Combination	3.1598	92.0908	2961.2517	0	0	0
Base	16	542	DWals18	Combination	7.1656	53.8462	2850.2921	0	0	0
Base	16	542	DWals19	Combination	43.3492	76.4102	2804.1828	0	0	0
Base	16	542	DWals20	Combination	-15.9139	96.7068	3740.1213	0	0	0
Base	16	542	DWals21	Combination	11.214	110.4614	3341.5019	0	0	0
Base	16	542	DWals22	Combination	16.2212	62.6556	3202.8023	0	0	0
Base	16	542	DWals23	Combination	37.8621	41.7868	1495.322	0	0	0
Base	16	542	DWals24	Combination	-21.401	62.0834	2431.2605	0	0	0
Base	16	542	DWals25	Combination	5.727	75.838	2032.641	0	0	0
Base	16	542	DWals26	Combination	10.7342	28.0322	1893.9414	0	0	0
Base	17	543	Dead	LinStatic	-33.419	14.2095	1943.7879	0	0	0
Base	17	543	Live	LinStatic	-9.8285	9.3788	207.0351	0	0	0
Base	17	543	windx	LinStatic	0.3071	-1.0156	-0.0971	0	0	0
Base	17	543	windy	LinStatic	-0.228	-0.1562	0.9412	0	0	0
Base	17	543	seismic x	LinStatic	8.6899	0.2227	-13.3282	0	0	0
Base	17	543	seismic y	LinStatic	-2.1993	13.4179	0.5855	0	0	0
Base	17	543	1.5(DL+LL)	Combination	-64.8712	35.3824	3226.2345	0	0	0
Base	17	543	1.5(DL+EQ:+X)	Combination	-37.0936	21.6482	2895.6895	0	0	0
Base	17	543	1.5(DL+EQ:-X)	Combination	-63.1633	20.9802	2935.6742	0	0	0
Base	17	543	1.5(DL+EQ:+Y)	Combination	-53.4274	41.441	2916.5601	0	0	0
Base	17	543	1.5(DL+EQ:-Y)	Combination	-46.8296	1.1874	2914.8036	0	0	0
Base	17	543	1.5(DL+WL:+X)	Combination	-49.6678	19.7908	2915.5362	0	0	0
Base	17	543	1.5(DL+WL:-X)	Combination	-50.5891	22.8377	2915.8275	0	0	0
Base	17	543	1.5(DL+WL:+Y)	Combination	-50.4704	21.08	2917.0937	0	0	0
Base	17	543	1.5(DL+WL:-Y)	Combination	-49.7865	21.5485	2914.27	0	0	0
Base	17	543	1.2(DL+LL+WL:+X)	Combination	-51.5284	27.0872	2580.8711	0	0	0
Base	17	543	1.2(DL+LL+WL:-X)	Combination	-52.2655	29.5247	2581.1042	0	0	0
Base	17	543	1.2(DL+LL+WL:+Y)	Combination	-52.1705	28.1186	2582.1171	0	0	0
Base	17	543	1.2(DL+LL+WL:-Y)	Combination	-51.6234	28.4933	2579.8582	0	0	0
Base	17	543	1.2(DL+LL+EQ:+X)	Combination	-41.4691	28.5731	2564.9938	0	0	0
Base	17	543	1.2(DL+LL+EQ:-X)	Combination	-62.3248	28.0387	2596.9815	0	0	0
Base	17	543	1.2(DL+LL+EQ:+Y)	Combination	-54.5361	44.4074	2581.6903	0	0	0
Base	17	543	1.2(DL+LL+EQ:-Y)	Combination	-49.2579	12.2045	2580.285	0	0	0
Base	17	543	0.9DL+1.5EQ+X	Combination	-17.0423	13.1225	1729.4168	0	0	0
Base	17	543	0.9DL+1.5EQ-X	Combination	-43.1119	12.4545	1769.4014	0	0	0
Base	17	543	0.9DL+1.5EQY+	Combination	-33.376	32.9154	1750.2874	0	0	0
Base	17	543	0.9DL+1.5EQY-	Combination	-26.7782	-7.3383	1748.5308	0	0	0
Base	17	543	DWals1	Combination	-50.1285	21.3142	2915.6818	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	17	543	DWalS2	Combination	-64.8712	35.3824	3226.2345	0	0	0
Base	17	543	DWalS3	Combination	-51.5284	27.0872	2580.8711	0	0	0
Base	17	543	DWalS4	Combination	-52.2655	29.5247	2581.1042	0	0	0
Base	17	543	DWalS5	Combination	-52.1705	28.1186	2582.1171	0	0	0
Base	17	543	DWalS6	Combination	-51.6234	28.4933	2579.8582	0	0	0
Base	17	543	DWalS7	Combination	-49.6678	19.7908	2915.5362	0	0	0
Base	17	543	DWalS8	Combination	-50.5891	22.8377	2915.8275	0	0	0
Base	17	543	DWalS9	Combination	-50.4704	21.08	2917.0937	0	0	0
Base	17	543	DWalS10	Combination	-49.7865	21.5485	2914.27	0	0	0
Base	17	543	DWalS11	Combination	-29.6164	11.2651	1749.2635	0	0	0
Base	17	543	DWalS12	Combination	-30.5377	14.312	1749.5548	0	0	0
Base	17	543	DWalS13	Combination	-30.419	12.5543	1750.8209	0	0	0
Base	17	543	DWalS14	Combination	-29.7351	13.0228	1747.9973	0	0	0
Base	17	543	DWalS15	Combination	-41.4691	28.5731	2564.9938	0	0	0
Base	17	543	DWalS16	Combination	-62.3248	28.0387	2596.9815	0	0	0
Base	17	543	DWalS17	Combination	-54.5361	44.4074	2581.6903	0	0	0
Base	17	543	DWalS18	Combination	-49.2579	12.2045	2580.285	0	0	0
Base	17	543	DWalS19	Combination	-37.0936	21.6482	2895.6895	0	0	0
Base	17	543	DWalS20	Combination	-63.1633	20.9802	2935.6742	0	0	0
Base	17	543	DWalS21	Combination	-53.4274	41.441	2916.5601	0	0	0
Base	17	543	DWalS22	Combination	-46.8296	1.1874	2914.8036	0	0	0
Base	17	543	DWalS23	Combination	-17.0423	13.1225	1729.4168	0	0	0
Base	17	543	DWalS24	Combination	-43.1119	12.4545	1769.4014	0	0	0
Base	17	543	DWalS25	Combination	-33.376	32.9154	1750.2874	0	0	0
Base	17	543	DWalS26	Combination	-26.7782	-7.3383	1748.5308	0	0	0
Base	18	102	Dead	LinStatic	-25.6376	-56.7736	1042.2737	-22.2238	-6.5095	-1.5651
Base	18	102	Live	LinStatic	-2.7265	-10.0189	97.612	-5.2519	0.0111	0.0117
Base	18	102	windx	LinStatic	-0.6422	7.6595	-2.1365	-6.0783	-0.9419	0.0548
Base	18	102	windy	LinStatic	1.2532	-0.5638	-1.9134	0.2405	1.0623	0.0255
Base	18	102	seismic x	LinStatic	-35.8894	5.704	44.4045	-3.2046	-36.1962	-0.5043
Base	18	102	seismic y	LinStatic	4.2115	-51.0903	32.4136	47.8114	6.4002	-0.1451
Base	18	102	1.5(DL+LL)	Combination	-42.5462	-100.1887	1709.8286	-41.2135	-9.7475	-2.3301
Base	18	102	1.5(DL+EQ:+X)	Combination	-92.2905	-76.6044	1630.0172	-38.1425	-64.0585	-3.1042
Base	18	102	1.5(DL+EQ:-X)	Combination	15.3776	-93.7164	1496.8038	-28.5287	44.5301	-1.5912
Base	18	102	1.5(DL+EQ:+Y)	Combination	-32.1392	-161.7958	1612.0309	38.3814	-0.164	-2.5653
Base	18	102	1.5(DL+EQ:-Y)	Combination	-44.7738	-8.525	1514.7901	-105.0527	-19.3645	-2.1301
Base	18	102	1.5(DL+WL:+X)	Combination	-39.4198	-73.6712	1560.2058	-42.4531	-11.1771	-2.2655
Base	18	102	1.5(DL+WL:-X)	Combination	-37.4931	-96.6496	1566.6152	-24.2182	-8.3513	-2.4299
Base	18	102	1.5(DL+WL:+Y)	Combination	-36.5767	-86.0061	1560.5404	-32.9749	-8.1707	-2.3094
Base	18	102	1.5(DL+WL:-Y)	Combination	-40.3362	-84.3147	1566.2806	-33.6964	-11.3577	-2.386
Base	18	102	1.2(DL+LL+WL:+X)	Combination	-34.8077	-70.9596	1365.2991	-40.2648	-8.9283	-1.7983
Base	18	102	1.2(DL+LL+WL:-X)	Combination	-33.2663	-89.3423	1370.4266	-25.6768	-6.6677	-1.9299
Base	18	102	1.2(DL+LL+WL:+Y)	Combination	-32.5332	-80.8276	1365.5668	-32.6822	-6.5232	-1.8335
Base	18	102	1.2(DL+LL+WL:-Y)	Combination	-35.5408	-79.4744	1370.1589	-33.2594	-9.0728	-1.8947
Base	18	102	1.2(DL+LL+EQ:+X)	Combination	-77.1042	-73.3062	1421.1482	-36.8163	-51.2335	-2.4693

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	18	102	1.2(DL+LL+EQ;-X)	Combination	9.0302	-86.9958	1314.5775	-29.1253	35.6374	-1.2589
Base	18	102	1.2(DL+LL+EQ:+Y)	Combination	-28.9832	-141.4593	1406.7592	24.4028	-0.1178	-2.0382
Base	18	102	1.2(DL+LL+EQ;-Y)	Combination	-39.0908	-18.8427	1328.9665	-90.3445	-15.4782	-1.69
Base	18	102	0.9DL+1.5EQ+X	Combination	-76.9079	-42.5402	1004.653	-24.8083	-60.1528	-2.1651
Base	18	102	0.9DL+1.5EQ-X	Combination	30.7602	-59.6523	871.4396	-15.1945	48.4358	-0.6521
Base	18	102	0.9DL+1.5EQY+	Combination	-16.7566	-127.7316	986.6667	51.7157	3.7417	-1.6262
Base	18	102	0.9DL+1.5EQY-	Combination	-29.3912	25.5392	889.4259	-91.7185	-15.4588	-1.191
Base	18	102	DWals1	Combination	-38.4565	-85.1604	1563.4105	-33.3356	-9.7642	-2.3477
Base	18	102	DWals2	Combination	-42.5462	-100.1887	1709.8286	-41.2135	-9.7475	-2.3301
Base	18	102	DWals3	Combination	-34.8077	-70.9596	1365.2991	-40.2648	-8.9283	-1.7983
Base	18	102	DWals4	Combination	-33.2663	-89.3423	1370.4266	-25.6768	-6.6677	-1.9299
Base	18	102	DWals5	Combination	-32.5332	-80.8276	1365.5668	-32.6822	-6.5232	-1.8335
Base	18	102	DWals6	Combination	-35.5408	-79.4744	1370.1589	-33.2594	-9.0728	-1.8947
Base	18	102	DWals7	Combination	-39.4198	-73.6712	1560.2058	-42.4531	-11.1771	-2.2655
Base	18	102	DWals8	Combination	-37.4931	-96.6496	1566.6152	-24.2182	-8.3513	-2.4299
Base	18	102	DWals9	Combination	-36.5767	-86.0061	1560.5404	-32.9749	-8.1707	-2.3094
Base	18	102	DWals10	Combination	-40.3362	-84.3147	1566.2806	-33.6964	-11.3577	-2.386
Base	18	102	DWals11	Combination	-24.0372	-39.6071	934.8416	-29.1189	-7.2714	-1.3264
Base	18	102	DWals12	Combination	-22.1105	-62.5854	941.251	-10.8839	-4.4456	-1.4908
Base	18	102	DWals13	Combination	-21.1941	-51.942	935.1762	-19.6406	-4.265	-1.3703
Base	18	102	DWals14	Combination	-24.9536	-50.2505	940.9164	-20.3622	-7.452	-1.4469
Base	18	102	DWals15	Combination	-77.1042	-73.3062	1421.1482	-36.8163	-51.2335	-2.4693
Base	18	102	DWals16	Combination	9.0302	-86.9958	1314.5775	-29.1253	35.6374	-1.2589
Base	18	102	DWals17	Combination	-28.9832	-141.4593	1406.7592	24.4028	-0.1178	-2.0382
Base	18	102	DWals18	Combination	-39.0908	-18.8427	1328.9665	-90.3445	-15.4782	-1.69
Base	18	102	DWals19	Combination	-92.2905	-76.6044	1630.0172	-38.1425	-64.0585	-3.1042
Base	18	102	DWals20	Combination	15.3776	-93.7164	1496.8038	-28.5287	44.5301	-1.5912
Base	18	102	DWals21	Combination	-32.1392	-161.7958	1612.0309	38.3814	-0.164	-2.5653
Base	18	102	DWals22	Combination	-44.7738	-8.525	1514.7901	-105.0527	-19.3645	-2.1301
Base	18	102	DWals23	Combination	-76.9079	-42.5402	1004.653	-24.8083	-60.1528	-2.1651
Base	18	102	DWals24	Combination	30.7602	-59.6523	871.4396	-15.1945	48.4358	-0.6521
Base	18	102	DWals25	Combination	-16.7566	-127.7316	986.6667	51.7157	3.7417	-1.6262
Base	18	102	DWals26	Combination	-29.3912	25.5392	889.4259	-91.7185	-15.4588	-1.191
Base	19	104	Dead	LinStatic	5.5226	41.4337	1008.2987	33.0955	-10.4548	-1.3413
Base	19	104	Live	LinStatic	2.122	9.7331	96.5944	5.1801	-0.3094	0.0169
Base	19	104	windx	LinStatic	0.8521	2.2497	2.4073	-3.1155	0.4919	0.0322
Base	19	104	windy	LinStatic	0.8161	0.0376	1.6847	0.1209	1.935	0.0127
Base	19	104	seismic x	LinStatic	-33.1266	1.8767	-46.7935	-2.0388	-35.3097	0.4883
Base	19	104	seismic y	LinStatic	-6.6528	-53.9176	-34.8767	50.9172	-2.1804	-0.1317
Base	19	104	1.5(DL+LL)	Combination	11.4669	76.7501	1657.3396	57.4133	-16.1463	-1.9866
Base	19	104	1.5(DL+EQ:+X)	Combination	-41.406	64.9655	1442.2578	46.585	-68.6467	-1.2795
Base	19	104	1.5(DL+EQ:-X)	Combination	57.9738	59.3355	1582.6383	52.7015	37.2823	-2.7443
Base	19	104	1.5(DL+EQ:+Y)	Combination	-1.6953	-18.7259	1460.133	126.019	-18.9528	-2.2095
Base	19	104	1.5(DL+EQ:-Y)	Combination	18.2631	143.0269	1564.7631	-26.7325	-12.4116	-1.8143
Base	19	104	1.5(DL+WL:+X)	Combination	9.562	65.5251	1516.059	44.97	-14.9444	-1.9637

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	19	104	1.5(DL+WL:-X)	Combination	7.0058	58.7759	1508.8371	54.3165	-16.42	-2.0602
Base	19	104	1.5(DL+WL:+Y)	Combination	9.5081	62.2069	1514.9751	49.8246	-12.7797	-1.9929
Base	19	104	1.5(DL+WL:-Y)	Combination	7.0597	62.0941	1509.921	49.4619	-18.5847	-2.031
Base	19	104	1.2(DL+LL+WL:+X)	Combination	10.196	64.0998	1328.7604	42.1921	-12.3268	-1.5507
Base	19	104	1.2(DL+LL+WL:-X)	Combination	8.151	58.7004	1322.983	49.6693	-13.5073	-1.6279
Base	19	104	1.2(DL+LL+WL:+Y)	Combination	10.1529	61.4452	1327.8934	46.0757	-10.595	-1.5741
Base	19	104	1.2(DL+LL+WL:-Y)	Combination	8.1942	61.355	1323.8501	45.7856	-15.2391	-1.6045
Base	19	104	1.2(DL+LL+EQ:+X)	Combination	-30.5784	63.6521	1269.7195	43.4841	-55.2887	-1.0034
Base	19	104	1.2(DL+LL+EQ:-X)	Combination	48.9254	59.1481	1382.0239	48.3773	29.4546	-2.1752
Base	19	104	1.2(DL+LL+EQ:+Y)	Combination	1.1902	-3.301	1284.0196	107.0313	-15.5335	-1.7474
Base	19	104	1.2(DL+LL+EQ:-Y)	Combination	17.1569	126.1012	1367.7238	-15.1699	-10.3006	-1.4312
Base	19	104	0.9DL+1.5EQ+X	Combination	-44.7196	40.1053	837.2786	26.7277	-62.3738	-0.4748
Base	19	104	0.9DL+1.5EQ-X	Combination	54.6602	34.4753	977.6591	32.8442	43.5552	-1.9396
Base	19	104	0.9DL+1.5EQY+	Combination	-5.0088	-43.5861	855.1538	106.1617	-12.6799	-1.4048
Base	19	104	0.9DL+1.5EQY-	Combination	14.9495	118.1667	959.7839	-46.5898	-6.1387	-1.0096
Base	19	104	DWals1	Combination	8.2839	62.1505	1512.448	49.6432	-15.6822	-2.0119
Base	19	104	DWals2	Combination	11.4669	76.7501	1657.3396	57.4133	-16.1463	-1.9866
Base	19	104	DWals3	Combination	10.196	64.0998	1328.7604	42.1921	-12.3268	-1.5507
Base	19	104	DWals4	Combination	8.151	58.7004	1322.983	49.6693	-13.5073	-1.6279
Base	19	104	DWals5	Combination	10.1529	61.4452	1327.8934	46.0757	-10.595	-1.5741
Base	19	104	DWals6	Combination	8.1942	61.355	1323.8501	45.7856	-15.2391	-1.6045
Base	19	104	DWals7	Combination	9.562	65.5251	1516.059	44.97	-14.9444	-1.9637
Base	19	104	DWals8	Combination	7.0058	58.7759	1508.8371	54.3165	-16.42	-2.0602
Base	19	104	DWals9	Combination	9.5081	62.2069	1514.9751	49.8246	-12.7797	-1.9929
Base	19	104	DWals10	Combination	7.0597	62.0941	1509.921	49.4619	-18.5847	-2.031
Base	19	104	DWals11	Combination	6.2484	40.6649	911.0797	25.1127	-8.6715	-1.1589
Base	19	104	DWals12	Combination	3.6922	33.9157	903.8579	34.4592	-10.1471	-1.2554
Base	19	104	DWals13	Combination	6.1945	37.3467	909.9959	29.9673	-6.5068	-1.1881
Base	19	104	DWals14	Combination	3.7461	37.2339	904.9418	29.6046	-12.3119	-1.2262
Base	19	104	DWals15	Combination	-30.5784	63.6521	1269.7195	43.4841	-55.2887	-1.0034
Base	19	104	DWals16	Combination	48.9254	59.1481	1382.0239	48.3773	29.4546	-2.1752
Base	19	104	DWals17	Combination	1.1902	-3.301	1284.0196	107.0313	-15.5335	-1.7474
Base	19	104	DWals18	Combination	17.1569	126.1012	1367.7238	-15.1699	-10.3006	-1.4312
Base	19	104	DWals19	Combination	-41.406	64.9655	1442.2578	46.585	-68.6467	-1.2795
Base	19	104	DWals20	Combination	57.9738	59.3355	1582.6383	52.7015	37.2823	-2.7443
Base	19	104	DWals21	Combination	-1.6953	-18.7259	1460.133	126.019	-18.9528	-2.2095
Base	19	104	DWals22	Combination	18.2631	143.0269	1564.7631	-26.7325	-12.4116	-1.8143
Base	19	104	DWals23	Combination	-44.7196	40.1053	837.2786	26.7277	-62.3738	-0.4748
Base	19	104	DWals24	Combination	54.6602	34.4753	977.6591	32.8442	43.5552	-1.9396
Base	19	104	DWals25	Combination	-5.0088	-43.5861	855.1538	106.1617	-12.6799	-1.4048
Base	19	104	DWals26	Combination	14.9495	118.1667	959.7839	-46.5898	-6.1387	-1.0096
Base	20	544	Dead	LinStatic	27.6536	-3.8996	1682.282	0	0	0
Base	20	544	Live	LinStatic	5.8625	-1.1437	205.9218	0	0	0
Base	20	544	windx	LinStatic	0.1578	-1.6958	-0.0758	0	0	0
Base	20	544	windy	LinStatic	-1.2203	0.1949	1.9778	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	20	544	seismic x	LinStatic	7.4633	-1.2177	-56.7067	0	0	0
Base	20	544	seismic y	LinStatic	-2.1075	14.8498	2.8884	0	0	0
Base	20	544	1.5(DL+LL)	Combination	50.2742	-7.565	2832.3058	0	0	0
Base	20	544	1.5(DL+EQ:+X)	Combination	52.6754	-7.676	2438.363	0	0	0
Base	20	544	1.5(DL+EQ:-X)	Combination	30.2855	-4.0228	2608.4832	0	0	0
Base	20	544	1.5(DL+EQ:+Y)	Combination	38.3191	16.4252	2527.7557	0	0	0
Base	20	544	1.5(DL+EQ:-Y)	Combination	44.6418	-28.124	2519.0904	0	0	0
Base	20	544	1.5(DL+WL:+X)	Combination	41.7171	-8.3932	2523.3094	0	0	0
Base	20	544	1.5(DL+WL:-X)	Combination	41.2438	-3.3056	2523.5367	0	0	0
Base	20	544	1.5(DL+WL:+Y)	Combination	39.65	-5.5571	2526.3898	0	0	0
Base	20	544	1.5(DL+WL:-Y)	Combination	43.3108	-6.1417	2520.4564	0	0	0
Base	20	544	1.2(DL+LL+WL:+X)	Combination	40.4087	-8.087	2265.7537	0	0	0
Base	20	544	1.2(DL+LL+WL:-X)	Combination	40.03	-4.017	2265.9355	0	0	0
Base	20	544	1.2(DL+LL+WL:+Y)	Combination	38.755	-5.8181	2268.218	0	0	0
Base	20	544	1.2(DL+LL+WL:-Y)	Combination	41.6837	-6.2858	2263.4713	0	0	0
Base	20	544	1.2(DL+LL+EQ:+X)	Combination	49.1753	-7.5132	2197.7965	0	0	0
Base	20	544	1.2(DL+LL+EQ:-X)	Combination	31.2634	-4.5907	2333.8927	0	0	0
Base	20	544	1.2(DL+LL+EQ:+Y)	Combination	37.6903	11.7677	2269.3107	0	0	0
Base	20	544	1.2(DL+LL+EQ:-Y)	Combination	42.7484	-23.8717	2262.3785	0	0	0
Base	20	544	0.9DL+1.5EQ+X	Combination	36.0832	-5.3362	1428.9937	0	0	0
Base	20	544	0.9DL+1.5EQ-X	Combination	13.6934	-1.683	1599.1139	0	0	0
Base	20	544	0.9DL+1.5EQY+	Combination	21.727	18.765	1518.3865	0	0	0
Base	20	544	0.9DL+1.5EQY-	Combination	28.0496	-25.7843	1509.7212	0	0	0
Base	20	544	DWals1	Combination	41.4804	-5.8494	2523.4231	0	0	0
Base	20	544	DWals2	Combination	50.2742	-7.565	2832.3058	0	0	0
Base	20	544	DWals3	Combination	40.4087	-8.087	2265.7537	0	0	0
Base	20	544	DWals4	Combination	40.03	-4.017	2265.9355	0	0	0
Base	20	544	DWals5	Combination	38.755	-5.8181	2268.218	0	0	0
Base	20	544	DWals6	Combination	41.6837	-6.2858	2263.4713	0	0	0
Base	20	544	DWals7	Combination	41.7171	-8.3932	2523.3094	0	0	0
Base	20	544	DWals8	Combination	41.2438	-3.3056	2523.5367	0	0	0
Base	20	544	DWals9	Combination	39.65	-5.5571	2526.3898	0	0	0
Base	20	544	DWals10	Combination	43.3108	-6.1417	2520.4564	0	0	0
Base	20	544	DWals11	Combination	25.1249	-6.0534	1513.9402	0	0	0
Base	20	544	DWals12	Combination	24.6516	-0.9659	1514.1675	0	0	0
Base	20	544	DWals13	Combination	23.0579	-3.2174	1517.0205	0	0	0
Base	20	544	DWals14	Combination	26.7187	-3.8019	1511.0871	0	0	0
Base	20	544	DWals15	Combination	49.1753	-7.5132	2197.7965	0	0	0
Base	20	544	DWals16	Combination	31.2634	-4.5907	2333.8927	0	0	0
Base	20	544	DWals17	Combination	37.6903	11.7677	2269.3107	0	0	0
Base	20	544	DWals18	Combination	42.7484	-23.8717	2262.3785	0	0	0
Base	20	544	DWals19	Combination	52.6754	-7.676	2438.363	0	0	0
Base	20	544	DWals20	Combination	30.2855	-4.0228	2608.4832	0	0	0
Base	20	544	DWals21	Combination	38.3191	16.4252	2527.7557	0	0	0
Base	20	544	DWals22	Combination	44.6418	-28.124	2519.0904	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	20	544	DWals23	Combination	36.0832	-5.3362	1428.9937	0	0	0
Base	20	544	DWals24	Combination	13.6934	-1.683	1599.1139	0	0	0
Base	20	544	DWals25	Combination	21.727	18.765	1518.3865	0	0	0
Base	20	544	DWals26	Combination	28.0496	-25.7843	1509.7212	0	0	0
Base	21	545	Dead	LinStatic	30.1519	-44.6241	1772.172	0	0	0
Base	21	545	Live	LinStatic	5.7114	-8.6923	209.6861	0	0	0
Base	21	545	windx	LinStatic	-0.0281	-1.1874	3.0997	0	0	0
Base	21	545	windy	LinStatic	-0.3284	0.0878	-1.3227	0	0	0
Base	21	545	seismic x	LinStatic	3.3427	1.0884	39.3286	0	0	0
Base	21	545	seismic y	LinStatic	0.2402	9.5929	-45.0162	0	0	0
Base	21	545	1.5(DL+LL)	Combination	53.795	-79.9745	2972.787	0	0	0
Base	21	545	1.5(DL+EQ:+X)	Combination	50.2419	-65.3036	2717.2508	0	0	0
Base	21	545	1.5(DL+EQ:-X)	Combination	40.2138	-68.5687	2599.2651	0	0	0
Base	21	545	1.5(DL+EQ:+Y)	Combination	45.5881	-52.5468	2590.7336	0	0	0
Base	21	545	1.5(DL+EQ:-Y)	Combination	44.8676	-81.3255	2725.7823	0	0	0
Base	21	545	1.5(DL+WL:+X)	Combination	45.1857	-68.7171	2662.9074	0	0	0
Base	21	545	1.5(DL+WL:-X)	Combination	45.27	-65.1551	2653.6085	0	0	0
Base	21	545	1.5(DL+WL:+Y)	Combination	44.7352	-66.8045	2656.2739	0	0	0
Base	21	545	1.5(DL+WL:-Y)	Combination	45.7205	-67.0678	2660.242	0	0	0
Base	21	545	1.2(DL+LL+WL:+X)	Combination	43.0023	-65.4044	2381.9492	0	0	0
Base	21	545	1.2(DL+LL+WL:-X)	Combination	43.0697	-62.5548	2374.51	0	0	0
Base	21	545	1.2(DL+LL+WL:+Y)	Combination	42.6419	-63.8743	2376.6424	0	0	0
Base	21	545	1.2(DL+LL+WL:-Y)	Combination	43.4301	-64.0849	2379.8169	0	0	0
Base	21	545	1.2(DL+LL+EQ:+X)	Combination	47.0472	-62.6736	2425.4239	0	0	0
Base	21	545	1.2(DL+LL+EQ:-X)	Combination	39.0248	-65.2857	2331.0353	0	0	0
Base	21	545	1.2(DL+LL+EQ:+Y)	Combination	43.3242	-52.4681	2324.2101	0	0	0
Base	21	545	1.2(DL+LL+EQ:-Y)	Combination	42.7478	-75.4911	2432.2491	0	0	0
Base	21	545	0.9DL+1.5EQ+X	Combination	32.1507	-38.5291	1653.9476	0	0	0
Base	21	545	0.9DL+1.5EQ-X	Combination	22.1227	-41.7942	1535.9619	0	0	0
Base	21	545	0.9DL+1.5EQY+	Combination	27.497	-25.7723	1527.4304	0	0	0
Base	21	545	0.9DL+1.5EQY-	Combination	26.7765	-54.551	1662.4791	0	0	0
Base	21	545	DWals1	Combination	45.2279	-66.9361	2658.2579	0	0	0
Base	21	545	DWals2	Combination	53.795	-79.9745	2972.787	0	0	0
Base	21	545	DWals3	Combination	43.0023	-65.4044	2381.9492	0	0	0
Base	21	545	DWals4	Combination	43.0697	-62.5548	2374.51	0	0	0
Base	21	545	DWals5	Combination	42.6419	-63.8743	2376.6424	0	0	0
Base	21	545	DWals6	Combination	43.4301	-64.0849	2379.8169	0	0	0
Base	21	545	DWals7	Combination	45.1857	-68.7171	2662.9074	0	0	0
Base	21	545	DWals8	Combination	45.27	-65.1551	2653.6085	0	0	0
Base	21	545	DWals9	Combination	44.7352	-66.8045	2656.2739	0	0	0
Base	21	545	DWals10	Combination	45.7205	-67.0678	2660.242	0	0	0
Base	21	545	DWals11	Combination	27.0946	-41.9427	1599.6042	0	0	0
Base	21	545	DWals12	Combination	27.1789	-38.3806	1590.3053	0	0	0
Base	21	545	DWals13	Combination	26.6441	-40.03	1592.9707	0	0	0
Base	21	545	DWals14	Combination	27.6293	-40.2933	1596.9388	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	21	545	DWals15	Combination	47.0472	-62.6736	2425.4239	0	0	0
Base	21	545	DWals16	Combination	39.0248	-65.2857	2331.0353	0	0	0
Base	21	545	DWals17	Combination	43.3242	-52.4681	2324.2101	0	0	0
Base	21	545	DWals18	Combination	42.7478	-75.4911	2432.2491	0	0	0
Base	21	545	DWals19	Combination	50.2419	-65.3036	2717.2508	0	0	0
Base	21	545	DWals20	Combination	40.2138	-68.5687	2599.2651	0	0	0
Base	21	545	DWals21	Combination	45.5881	-52.5468	2590.7336	0	0	0
Base	21	545	DWals22	Combination	44.8676	-81.3255	2725.7823	0	0	0
Base	21	545	DWals23	Combination	32.1507	-38.5291	1653.9476	0	0	0
Base	21	545	DWals24	Combination	22.1227	-41.7942	1535.9619	0	0	0
Base	21	545	DWals25	Combination	27.497	-25.7723	1527.4304	0	0	0
Base	21	545	DWals26	Combination	26.7765	-54.551	1662.4791	0	0	0
Base	22	547	Dead	LinStatic	27.8285	48.882	2141.7377	0	0	0
Base	22	547	Live	LinStatic	8.5929	2.8914	227.1531	0	0	0
Base	22	547	windx	LinStatic	-0.2057	-1.0553	-1.4159	0	0	0
Base	22	547	windy	LinStatic	0.6632	0.1269	-12.8739	0	0	0
Base	22	547	seismic x	LinStatic	-14.8734	0.6091	317.8329	0	0	0
Base	22	547	seismic y	LinStatic	1.1839	10.9887	36.8795	0	0	0
Base	22	547	1.5(DL+LL)	Combination	54.6321	77.66	3553.3362	0	0	0
Base	22	547	1.5(DL+EQ:+X)	Combination	19.4327	74.2366	3689.356	0	0	0
Base	22	547	1.5(DL+EQ:-X)	Combination	64.0529	72.4093	2735.8573	0	0	0
Base	22	547	1.5(DL+EQ:+Y)	Combination	43.5186	89.806	3267.9259	0	0	0
Base	22	547	1.5(DL+EQ:-Y)	Combination	39.967	56.8399	3157.2873	0	0	0
Base	22	547	1.5(DL+WL:+X)	Combination	41.4342	71.74	3210.4828	0	0	0
Base	22	547	1.5(DL+WL:-X)	Combination	42.0514	74.9059	3214.7304	0	0	0
Base	22	547	1.5(DL+WL:+Y)	Combination	42.7376	73.5134	3193.2958	0	0	0
Base	22	547	1.5(DL+WL:-Y)	Combination	40.748	73.1326	3231.9174	0	0	0
Base	22	547	1.2(DL+LL+WL:+X)	Combination	43.4588	60.8617	2840.9699	0	0	0
Base	22	547	1.2(DL+LL+WL:-X)	Combination	43.9526	63.3944	2844.368	0	0	0
Base	22	547	1.2(DL+LL+WL:+Y)	Combination	44.5015	62.2803	2827.2203	0	0	0
Base	22	547	1.2(DL+LL+WL:-Y)	Combination	42.9098	61.9757	2858.1176	0	0	0
Base	22	547	1.2(DL+LL+EQ:+X)	Combination	25.8576	62.8589	3224.0684	0	0	0
Base	22	547	1.2(DL+LL+EQ:-X)	Combination	61.5538	61.3971	2461.2695	0	0	0
Base	22	547	1.2(DL+LL+EQ:+Y)	Combination	45.1263	75.3145	2886.9244	0	0	0
Base	22	547	1.2(DL+LL+EQ:-Y)	Combination	42.285	48.9416	2798.4135	0	0	0
Base	22	547	0.9DL+1.5EQ+X	Combination	2.7355	44.9074	2404.3133	0	0	0
Base	22	547	0.9DL+1.5EQ-X	Combination	47.3558	43.0801	1450.8146	0	0	0
Base	22	547	0.9DL+1.5EQY+	Combination	26.8215	60.4768	1982.8833	0	0	0
Base	22	547	0.9DL+1.5EQY-	Combination	23.2699	27.5107	1872.2447	0	0	0
Base	22	547	DWals1	Combination	41.7428	73.323	3212.6066	0	0	0
Base	22	547	DWals2	Combination	54.6321	77.66	3553.3362	0	0	0
Base	22	547	DWals3	Combination	43.4588	60.8617	2840.9699	0	0	0
Base	22	547	DWals4	Combination	43.9526	63.3944	2844.368	0	0	0
Base	22	547	DWals5	Combination	44.5015	62.2803	2827.2203	0	0	0
Base	22	547	DWals6	Combination	42.9098	61.9757	2858.1176	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	22	547	DWals7	Combination	41.4342	71.74	3210.4828	0	0	0
Base	22	547	DWals8	Combination	42.0514	74.9059	3214.7304	0	0	0
Base	22	547	DWals9	Combination	42.7376	73.5134	3193.2958	0	0	0
Base	22	547	DWals10	Combination	40.748	73.1326	3231.9174	0	0	0
Base	22	547	DWals11	Combination	24.7371	42.4108	1925.4402	0	0	0
Base	22	547	DWals12	Combination	25.3543	45.5767	1929.6878	0	0	0
Base	22	547	DWals13	Combination	26.0405	44.1842	1908.2532	0	0	0
Base	22	547	DWals14	Combination	24.0509	43.8034	1946.8748	0	0	0
Base	22	547	DWals15	Combination	25.8576	62.8589	3224.0684	0	0	0
Base	22	547	DWals16	Combination	61.5538	61.3971	2461.2695	0	0	0
Base	22	547	DWals17	Combination	45.1263	75.3145	2886.9244	0	0	0
Base	22	547	DWals18	Combination	42.285	48.9416	2798.4135	0	0	0
Base	22	547	DWals19	Combination	19.4327	74.2366	3689.356	0	0	0
Base	22	547	DWals20	Combination	64.0529	72.4093	2735.8573	0	0	0
Base	22	547	DWals21	Combination	43.5186	89.806	3267.9259	0	0	0
Base	22	547	DWals22	Combination	39.967	56.8399	3157.2873	0	0	0
Base	22	547	DWals23	Combination	2.7355	44.9074	2404.3133	0	0	0
Base	22	547	DWals24	Combination	47.3558	43.0801	1450.8146	0	0	0
Base	22	547	DWals25	Combination	26.8215	60.4768	1982.8833	0	0	0
Base	22	547	DWals26	Combination	23.2699	27.5107	1872.2447	0	0	0
Base	23	548	Dead	LinStatic	34.8433	14.4184	1940.0462	0	0	0
Base	23	548	Live	LinStatic	9.6266	9.4582	205.8341	0	0	0
Base	23	548	windx	LinStatic	0.1826	-1.1318	-0.1225	0	0	0
Base	23	548	windy	LinStatic	-0.2473	0.1726	-0.899	0	0	0
Base	23	548	seismic x	LinStatic	8.0131	0.1915	13.8472	0	0	0
Base	23	548	seismic y	LinStatic	-0.5679	13.7129	1.4537	0	0	0
Base	23	548	1.5(DL+LL)	Combination	66.7048	35.815	3218.8205	0	0	0
Base	23	548	1.5(DL+EQ:+X)	Combination	64.2847	21.9148	2930.8402	0	0	0
Base	23	548	1.5(DL+EQ:-X)	Combination	40.2453	21.3404	2889.2985	0	0	0
Base	23	548	1.5(DL+EQ:+Y)	Combination	51.4132	42.197	2912.2499	0	0	0
Base	23	548	1.5(DL+EQ:-Y)	Combination	53.1168	1.0583	2907.8888	0	0	0
Base	23	548	1.5(DL+WL:+X)	Combination	52.5388	19.93	2909.8857	0	0	0
Base	23	548	1.5(DL+WL:-X)	Combination	51.9912	23.3253	2910.2531	0	0	0
Base	23	548	1.5(DL+WL:+Y)	Combination	51.8941	21.8865	2908.7208	0	0	0
Base	23	548	1.5(DL+WL:-Y)	Combination	52.6359	21.3688	2911.4179	0	0	0
Base	23	548	1.2(DL+LL+WL:+X)	Combination	53.5829	27.2939	2574.9095	0	0	0
Base	23	548	1.2(DL+LL+WL:-X)	Combination	53.1448	30.0101	2575.2034	0	0	0
Base	23	548	1.2(DL+LL+WL:+Y)	Combination	53.0671	28.8591	2573.9776	0	0	0
Base	23	548	1.2(DL+LL+WL:-Y)	Combination	53.6606	28.4449	2576.1353	0	0	0
Base	23	548	1.2(DL+LL+EQ:+X)	Combination	62.9796	28.8817	2591.6731	0	0	0
Base	23	548	1.2(DL+LL+EQ:-X)	Combination	43.7481	28.4222	2558.4397	0	0	0
Base	23	548	1.2(DL+LL+EQ:+Y)	Combination	52.6824	45.1075	2576.8009	0	0	0
Base	23	548	1.2(DL+LL+EQ:-Y)	Combination	54.0453	12.1965	2573.312	0	0	0
Base	23	548	0.9DL+1.5EQ+X	Combination	43.3787	13.2638	1766.8124	0	0	0
Base	23	548	0.9DL+1.5EQ-X	Combination	19.3393	12.6894	1725.2708	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	23	548	0.9DL+1.5EQY+	Combination	30.5072	33.5459	1748.2222	0	0	0
Base	23	548	0.9DL+1.5EQY-	Combination	32.2108	-7.5928	1743.8611	0	0	0
Base	23	548	DWals1	Combination	52.265	21.6276	2910.0694	0	0	0
Base	23	548	DWals2	Combination	66.7048	35.815	3218.8205	0	0	0
Base	23	548	DWals3	Combination	53.5829	27.2939	2574.9095	0	0	0
Base	23	548	DWals4	Combination	53.1448	30.0101	2575.2034	0	0	0
Base	23	548	DWals5	Combination	53.0671	28.8591	2573.9776	0	0	0
Base	23	548	DWals6	Combination	53.6606	28.4449	2576.1353	0	0	0
Base	23	548	DWals7	Combination	52.5388	19.93	2909.8857	0	0	0
Base	23	548	DWals8	Combination	51.9912	23.3253	2910.2531	0	0	0
Base	23	548	DWals9	Combination	51.8941	21.8865	2908.7208	0	0	0
Base	23	548	DWals10	Combination	52.6359	21.3688	2911.4179	0	0	0
Base	23	548	DWals11	Combination	31.6328	11.2789	1745.8579	0	0	0
Base	23	548	DWals12	Combination	31.0852	14.6742	1746.2253	0	0	0
Base	23	548	DWals13	Combination	30.9881	13.2354	1744.6931	0	0	0
Base	23	548	DWals14	Combination	31.7299	12.7177	1747.3902	0	0	0
Base	23	548	DWals15	Combination	62.9796	28.8817	2591.6731	0	0	0
Base	23	548	DWals16	Combination	43.7481	28.4222	2558.4397	0	0	0
Base	23	548	DWals17	Combination	52.6824	45.1075	2576.8009	0	0	0
Base	23	548	DWals18	Combination	54.0453	12.1965	2573.312	0	0	0
Base	23	548	DWals19	Combination	64.2847	21.9148	2930.8402	0	0	0
Base	23	548	DWals20	Combination	40.2453	21.3404	2889.2985	0	0	0
Base	23	548	DWals21	Combination	51.4132	42.197	2912.2499	0	0	0
Base	23	548	DWals22	Combination	53.1168	1.0583	2907.8888	0	0	0
Base	23	548	DWals23	Combination	43.3787	13.2638	1766.8124	0	0	0
Base	23	548	DWals24	Combination	19.3393	12.6894	1725.2708	0	0	0
Base	23	548	DWals25	Combination	30.5072	33.5459	1748.2222	0	0	0
Base	23	548	DWals26	Combination	32.2108	-7.5928	1743.8611	0	0	0
Base	24	112	Dead	LinStatic	7.9298	-58.0246	1024.7067	-21.1986	-10.72	-1.6135
Base	24	112	Live	LinStatic	2.0656	-10.0435	96.8805	-5.2091	-0.5533	-0.0124
Base	24	112	windx	LinStatic	-0.9117	8.073	-2.5698	-6.5028	-0.7494	-0.003
Base	24	112	windy	LinStatic	1.5368	-0.3435	1.7258	0.3648	1.3584	0.0337
Base	24	112	seismic x	LinStatic	-36.5476	3.5834	-44.7736	-2.946	-36.9279	-0.4838
Base	24	112	seismic y	LinStatic	5.8014	-54.2909	36.6125	50.6731	3.7382	-0.1938
Base	24	112	1.5(DL+LL)	Combination	14.9931	-102.1021	1682.3808	-39.6115	-16.9099	-2.4389
Base	24	112	1.5(DL+EQ:+X)	Combination	-42.9266	-81.6619	1469.8995	-36.2168	-71.4719	-3.146
Base	24	112	1.5(DL+EQ:-X)	Combination	66.7161	-92.4119	1604.2205	-27.3789	39.3118	-1.6946
Base	24	112	1.5(DL+EQ:+Y)	Combination	20.5968	-168.4733	1591.9788	44.2118	-10.4727	-2.711
Base	24	112	1.5(DL+EQ:-Y)	Combination	3.1926	-5.6005	1482.1412	-107.8075	-21.6873	-2.1296
Base	24	112	1.5(DL+WL:+X)	Combination	10.5272	-74.9273	1533.2053	-41.5521	-17.2041	-2.4248
Base	24	112	1.5(DL+WL:-X)	Combination	13.2623	-99.1465	1540.9147	-22.0437	-14.956	-2.4158
Base	24	112	1.5(DL+WL:+Y)	Combination	14.1999	-87.5522	1539.6487	-31.2507	-14.0425	-2.3697
Base	24	112	1.5(DL+WL:-Y)	Combination	9.5896	-86.5216	1534.4713	-32.345	-18.1176	-2.4709
Base	24	112	1.2(DL+LL+WL:+X)	Combination	10.9004	-71.994	1342.8209	-39.4925	-14.4272	-1.9547
Base	24	112	1.2(DL+LL+WL:-X)	Combination	13.0885	-91.3693	1348.9884	-23.8858	-12.6287	-1.9475

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	24	112	1.2(DL+LL+WL:+Y)	Combination	13.8386	-82.0939	1347.9756	-31.2514	-11.8979	-1.9106
Base	24	112	1.2(DL+LL+WL:-Y)	Combination	10.1504	-81.2694	1343.8337	-32.1269	-15.158	-1.9916
Base	24	112	1.2(DL+LL+EQ:+X)	Combination	-31.8626	-77.3816	1292.1763	-35.2243	-57.8414	-2.5317
Base	24	112	1.2(DL+LL+EQ:-X)	Combination	55.8516	-85.9817	1399.633	-28.154	30.7856	-1.3705
Base	24	112	1.2(DL+LL+EQ:+Y)	Combination	18.9562	-146.8307	1389.8397	29.1186	-9.0421	-2.1836
Base	24	112	1.2(DL+LL+EQ:-Y)	Combination	5.0328	-16.5326	1301.9696	-92.4969	-18.0138	-1.7186
Base	24	112	0.9DL+1.5EQ+X	Combination	-47.6845	-46.8471	855.0755	-23.4977	-65.0399	-2.1779
Base	24	112	0.9DL+1.5EQ-X	Combination	61.9582	-57.5972	989.3965	-14.6598	45.7438	-0.7264
Base	24	112	0.9DL+1.5EQY+	Combination	15.8389	-133.6585	977.1548	56.9309	-4.0407	-1.7428
Base	24	112	0.9DL+1.5EQY-	Combination	-1.5652	29.2142	867.3172	-95.0884	-15.2553	-1.1615
Base	24	112	DWals1	Combination	11.8947	-87.0369	1537.06	-31.7979	-16.08	-2.4203
Base	24	112	DWals2	Combination	14.9931	-102.1021	1682.3808	-39.6115	-16.9099	-2.4389
Base	24	112	DWals3	Combination	10.9004	-71.994	1342.8209	-39.4925	-14.4272	-1.9547
Base	24	112	DWals4	Combination	13.0885	-91.3693	1348.9884	-23.8858	-12.6287	-1.9475
Base	24	112	DWals5	Combination	13.8386	-82.0939	1347.9756	-31.2514	-11.8979	-1.9106
Base	24	112	DWals6	Combination	10.1504	-81.2694	1343.8337	-32.1269	-15.158	-1.9916
Base	24	112	DWals7	Combination	10.5272	-74.9273	1533.2053	-41.5521	-17.2041	-2.4248
Base	24	112	DWals8	Combination	13.2623	-99.1465	1540.9147	-22.0437	-14.956	-2.4158
Base	24	112	DWals9	Combination	14.1999	-87.5522	1539.6487	-31.2507	-14.0425	-2.3697
Base	24	112	DWals10	Combination	9.5896	-86.5216	1534.4713	-32.345	-18.1176	-2.4709
Base	24	112	DWals11	Combination	5.7693	-40.1126	918.3813	-28.8329	-10.7721	-1.4567
Base	24	112	DWals12	Combination	8.5044	-64.3317	926.0907	-9.3245	-8.524	-1.4477
Base	24	112	DWals13	Combination	9.442	-52.7375	924.8247	-18.5316	-7.6105	-1.4016
Base	24	112	DWals14	Combination	4.8317	-51.7068	919.6473	-19.6259	-11.6855	-1.5028
Base	24	112	DWals15	Combination	-31.8626	-77.3816	1292.1763	-35.2243	-57.8414	-2.5317
Base	24	112	DWals16	Combination	55.8516	-85.9817	1399.633	-28.154	30.7856	-1.3705
Base	24	112	DWals17	Combination	18.9562	-146.8307	1389.8397	29.1186	-9.0421	-2.1836
Base	24	112	DWals18	Combination	5.0328	-16.5326	1301.9696	-92.4969	-18.0138	-1.7186
Base	24	112	DWals19	Combination	-42.9266	-81.6619	1469.8995	-36.2168	-71.4719	-3.146
Base	24	112	DWals20	Combination	66.7161	-92.4119	1604.2205	-27.3789	39.3118	-1.6946
Base	24	112	DWals21	Combination	20.5968	-168.4733	1591.9788	44.2118	-10.4727	-2.711
Base	24	112	DWals22	Combination	3.1926	-5.6005	1482.1412	-107.8075	-21.6873	-2.1296
Base	24	112	DWals23	Combination	-47.6845	-46.8471	855.0755	-23.4977	-65.0399	-2.1779
Base	24	112	DWals24	Combination	61.9582	-57.5972	989.3965	-14.6598	45.7438	-0.7264
Base	24	112	DWals25	Combination	15.8389	-133.6585	977.1548	56.9309	-4.0407	-1.7428
Base	24	112	DWals26	Combination	-1.5652	29.2142	867.3172	-95.0884	-15.2553	-1.1615
Base	25	120	Dead	LinStatic	-7.9256	45.4894	1514.0921	33.175	-7.5204	-1.3886
Base	25	120	Live	LinStatic	0.0771	11.2258	180.9845	5.0293	0.1285	0.0043
Base	25	120	windx	LinStatic	0.2206	1.3037	3.1076	-2.7374	0.1732	0.0043
Base	25	120	windy	LinStatic	1.8383	0.1698	0.0306	-0.1059	2.5581	0.0003
Base	25	120	seismic x	LinStatic	-34.8133	3.3557	0.5103	-2.8443	-38.7941	0.4222
Base	25	120	seismic y	LinStatic	-0.2159	-57.5765	-47.1479	53.0794	0.9649	0.0318
Base	25	120	1.5(DL+LL)	Combination	-11.7728	85.0729	2542.6149	57.3065	-11.0879	-2.0765
Base	25	120	1.5(DL+EQ:+X)	Combination	-64.1083	73.2677	2271.9036	45.496	-69.4718	-1.4497
Base	25	120	1.5(DL+EQ:-X)	Combination	40.3316	63.2006	2270.3727	54.0291	46.9105	-2.7162

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	120	1.5(DL+EQ:+Y)	Combination	-12.2122	-18.1306	2200.4162	129.3817	-9.8334	-2.0352
Base	25	120	1.5(DL+EQ:-Y)	Combination	-11.5645	154.5989	2341.86	-29.8566	-12.728	-2.1307
Base	25	120	1.5(DL+WL:+X)	Combination	-11.5575	70.1897	2275.7996	45.6565	-11.0209	-2.0765
Base	25	120	1.5(DL+WL:-X)	Combination	-12.2192	66.2786	2266.4767	53.8686	-11.5405	-2.0895
Base	25	120	1.5(DL+WL:+Y)	Combination	-9.131	68.4888	2271.184	49.6037	-7.4435	-2.0825
Base	25	120	1.5(DL+WL:-Y)	Combination	-14.6457	67.9794	2271.0923	49.9214	-15.1178	-2.0834
Base	25	120	1.2(DL+LL+WL:+X)	Combination	-9.1535	69.6228	2037.8211	42.5603	-8.6625	-1.656
Base	25	120	1.2(DL+LL+WL:-X)	Combination	-9.6829	66.4939	2030.3627	49.1301	-9.0782	-1.6664
Base	25	120	1.2(DL+LL+WL:+Y)	Combination	-7.2123	68.2621	2034.1286	45.7181	-5.8006	-1.6609
Base	25	120	1.2(DL+LL+WL:-Y)	Combination	-11.6241	67.8545	2034.0552	45.9723	-11.94	-1.6616
Base	25	120	1.2(DL+LL+EQ:+X)	Combination	-51.1942	72.0852	2034.7043	42.432	-55.4232	-1.1546
Base	25	120	1.2(DL+LL+EQ:-X)	Combination	32.3578	64.0315	2033.4795	49.2584	37.6826	-2.1678
Base	25	120	1.2(DL+LL+EQ:+Y)	Combination	-9.6773	-1.0335	1977.5144	109.5405	-7.7125	-1.623
Base	25	120	1.2(DL+LL+EQ:-Y)	Combination	-9.1591	137.1501	2090.6694	-17.8501	-10.0282	-1.6994
Base	25	120	0.9DL+1.5EQ+X	Combination	-59.353	45.974	1363.4484	25.591	-64.9596	-0.6165
Base	25	120	0.9DL+1.5EQ-X	Combination	45.0869	35.9069	1361.9174	34.124	51.4228	-1.883
Base	25	120	0.9DL+1.5EQY+	Combination	-7.4569	-45.4243	1291.961	109.4767	-5.3211	-1.202
Base	25	120	0.9DL+1.5EQY-	Combination	-6.8092	127.3053	1433.4048	-49.7616	-8.2157	-1.2975
Base	25	120	DWals1	Combination	-11.8884	68.2341	2271.1381	49.7625	-11.2807	-2.083
Base	25	120	DWals2	Combination	-11.7728	85.0729	2542.6149	57.3065	-11.0879	-2.0765
Base	25	120	DWals3	Combination	-9.1535	69.6228	2037.8211	42.5603	-8.6625	-1.656
Base	25	120	DWals4	Combination	-9.6829	66.4939	2030.3627	49.1301	-9.0782	-1.6664
Base	25	120	DWals5	Combination	-7.2123	68.2621	2034.1286	45.7181	-5.8006	-1.6609
Base	25	120	DWals6	Combination	-11.6241	67.8545	2034.0552	45.9723	-11.94	-1.6616
Base	25	120	DWals7	Combination	-11.5575	70.1897	2275.7996	45.6565	-11.0209	-2.0765
Base	25	120	DWals8	Combination	-12.2192	66.2786	2266.4767	53.8686	-11.5405	-2.0895
Base	25	120	DWals9	Combination	-9.131	68.4888	2271.184	49.6037	-7.4435	-2.0825
Base	25	120	DWals10	Combination	-14.6457	67.9794	2271.0923	49.9214	-15.1178	-2.0834
Base	25	120	DWals11	Combination	-6.8022	42.896	1367.3443	25.7514	-6.5086	-1.2433
Base	25	120	DWals12	Combination	-7.4639	38.9849	1358.0214	33.9636	-7.0282	-1.2563
Base	25	120	DWals13	Combination	-4.3756	41.1952	1362.7287	29.6987	-2.9313	-1.2494
Base	25	120	DWals14	Combination	-9.8904	40.6858	1362.637	30.0164	-10.6056	-1.2502
Base	25	120	DWals15	Combination	-51.1942	72.0852	2034.7043	42.432	-55.4232	-1.1546
Base	25	120	DWals16	Combination	32.3578	64.0315	2033.4795	49.2584	37.6826	-2.1678
Base	25	120	DWals17	Combination	-9.6773	-1.0335	1977.5144	109.5405	-7.7125	-1.623
Base	25	120	DWals18	Combination	-9.1591	137.1501	2090.6694	-17.8501	-10.0282	-1.6994
Base	25	120	DWals19	Combination	-64.1083	73.2677	2271.9036	45.496	-69.4718	-1.4497
Base	25	120	DWals20	Combination	40.3316	63.2006	2270.3727	54.0291	46.9105	-2.7162
Base	25	120	DWals21	Combination	-12.2122	-18.1306	2200.4162	129.3817	-9.8334	-2.0352
Base	25	120	DWals22	Combination	-11.5645	154.5989	2341.86	-29.8566	-12.728	-2.1307
Base	25	120	DWals23	Combination	-59.353	45.974	1363.4484	25.591	-64.9596	-0.6165
Base	25	120	DWals24	Combination	45.0869	35.9069	1361.9174	34.124	51.4228	-1.883
Base	25	120	DWals25	Combination	-7.4569	-45.4243	1291.961	109.4767	-5.3211	-1.202
Base	25	120	DWals26	Combination	-6.8092	127.3053	1433.4048	-49.7616	-8.2157	-1.2975
Base	26	549	Dead	LinStatic	1.7784	-5.3642	2464.0484	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	26	549	Live	LinStatic	-0.0893	-1.7328	371.5647	0	0	0
Base	26	549	windx	LinStatic	0.0308	-1.7133	-0.1856	0	0	0
Base	26	549	windy	LinStatic	-1.1096	-0.0494	-0.5967	0	0	0
Base	26	549	seismic x	LinStatic	12.259	-0.0616	-3.6668	0	0	0
Base	26	549	seismic y	LinStatic	-1.0827	14.6199	2.7157	0	0	0
Base	26	549	1.5(DL+LL)	Combination	2.5336	-10.6456	4253.4196	0	0	0
Base	26	549	1.5(DL+EQ:+X)	Combination	21.0561	-8.1388	3690.5724	0	0	0
Base	26	549	1.5(DL+EQ:-X)	Combination	-15.7209	-7.9539	3701.5729	0	0	0
Base	26	549	1.5(DL+EQ:+Y)	Combination	1.0435	13.8835	3700.1462	0	0	0
Base	26	549	1.5(DL+EQ:-Y)	Combination	4.2917	-29.9762	3691.999	0	0	0
Base	26	549	1.5(DL+WL:+X)	Combination	2.7138	-10.6162	3695.7942	0	0	0
Base	26	549	1.5(DL+WL:-X)	Combination	2.6215	-5.4765	3696.351	0	0	0
Base	26	549	1.5(DL+WL:+Y)	Combination	1.0032	-8.1205	3695.1776	0	0	0
Base	26	549	1.5(DL+WL:-Y)	Combination	4.3321	-7.9722	3696.9677	0	0	0
Base	26	549	1.2(DL+LL+WL:+X)	Combination	2.0638	-10.5724	3402.513	0	0	0
Base	26	549	1.2(DL+LL+WL:-X)	Combination	1.9899	-6.4606	3402.9584	0	0	0
Base	26	549	1.2(DL+LL+WL:+Y)	Combination	0.6953	-8.5758	3402.0196	0	0	0
Base	26	549	1.2(DL+LL+WL:-Y)	Combination	3.3584	-8.4571	3403.4517	0	0	0
Base	26	549	1.2(DL+LL+EQ:+X)	Combination	16.7377	-8.5904	3398.3355	0	0	0
Base	26	549	1.2(DL+LL+EQ:-X)	Combination	-12.6839	-8.4425	3407.1359	0	0	0
Base	26	549	1.2(DL+LL+EQ:+Y)	Combination	0.7276	9.0275	3405.9945	0	0	0
Base	26	549	1.2(DL+LL+EQ:-Y)	Combination	3.3261	-26.0604	3399.4768	0	0	0
Base	26	549	0.9DL+1.5EQ+X	Combination	19.9891	-4.9202	2212.1433	0	0	0
Base	26	549	0.9DL+1.5EQ-X	Combination	-16.7879	-4.7354	2223.1438	0	0	0
Base	26	549	0.9DL+1.5EQY+	Combination	-0.0235	17.1021	2221.7171	0	0	0
Base	26	549	0.9DL+1.5EQY-	Combination	3.2247	-26.7577	2213.57	0	0	0
Base	26	549	DWals1	Combination	2.6676	-8.0464	3696.0726	0	0	0
Base	26	549	DWals2	Combination	2.5336	-10.6456	4253.4196	0	0	0
Base	26	549	DWals3	Combination	2.0638	-10.5724	3402.513	0	0	0
Base	26	549	DWals4	Combination	1.9899	-6.4606	3402.9584	0	0	0
Base	26	549	DWals5	Combination	0.6953	-8.5758	3402.0196	0	0	0
Base	26	549	DWals6	Combination	3.3584	-8.4571	3403.4517	0	0	0
Base	26	549	DWals7	Combination	2.7138	-10.6162	3695.7942	0	0	0
Base	26	549	DWals8	Combination	2.6215	-5.4765	3696.351	0	0	0
Base	26	549	DWals9	Combination	1.0032	-8.1205	3695.1776	0	0	0
Base	26	549	DWals10	Combination	4.3321	-7.9722	3696.9677	0	0	0
Base	26	549	DWals11	Combination	1.6467	-7.3977	2217.3652	0	0	0
Base	26	549	DWals12	Combination	1.5544	-2.2579	2217.9219	0	0	0
Base	26	549	DWals13	Combination	-0.0639	-4.902	2216.7485	0	0	0
Base	26	549	DWals14	Combination	3.265	-4.7537	2218.5386	0	0	0
Base	26	549	DWals15	Combination	16.7377	-8.5904	3398.3355	0	0	0
Base	26	549	DWals16	Combination	-12.6839	-8.4425	3407.1359	0	0	0
Base	26	549	DWals17	Combination	0.7276	9.0275	3405.9945	0	0	0
Base	26	549	DWals18	Combination	3.3261	-26.0604	3399.4768	0	0	0
Base	26	549	DWals19	Combination	21.0561	-8.1388	3690.5724	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	26	549	DWals20	Combination	-15.7209	-7.9539	3701.5729	0	0	0
Base	26	549	DWals21	Combination	1.0435	13.8835	3700.1462	0	0	0
Base	26	549	DWals22	Combination	4.2917	-29.9762	3691.999	0	0	0
Base	26	549	DWals23	Combination	19.9891	-4.9202	2212.1433	0	0	0
Base	26	549	DWals24	Combination	-16.7879	-4.7354	2223.1438	0	0	0
Base	26	549	DWals25	Combination	-0.0235	17.1021	2221.7171	0	0	0
Base	26	549	DWals26	Combination	3.2247	-26.7577	2213.57	0	0	0
Base	27	550	Dead	LinStatic	1.3636	-46.1115	2166.9484	0	0	0
Base	27	550	Live	LinStatic	-0.1474	-9.3023	310.08	0	0	0
Base	27	550	windx	LinStatic	0.034	-1.0463	2.2511	0	0	0
Base	27	550	windy	LinStatic	-0.4843	-0.0832	0.0012	0	0	0
Base	27	550	seismic x	LinStatic	6.7907	0.5051	-11.426	0	0	0
Base	27	550	seismic y	LinStatic	-0.259	9.4184	-30.3951	0	0	0
Base	27	550	1.5(DL+LL)	Combination	1.8243	-83.1208	3715.5427	0	0	0
Base	27	550	1.5(DL+EQ:+X)	Combination	12.2315	-68.4096	3233.2836	0	0	0
Base	27	550	1.5(DL+EQ:-X)	Combination	-8.1406	-69.925	3267.5617	0	0	0
Base	27	550	1.5(DL+EQ:+Y)	Combination	1.657	-55.0397	3204.83	0	0	0
Base	27	550	1.5(DL+EQ:-Y)	Combination	2.4339	-83.2949	3296.0153	0	0	0
Base	27	550	1.5(DL+WL:+X)	Combination	2.0964	-70.7367	3253.7993	0	0	0
Base	27	550	1.5(DL+WL:-X)	Combination	1.9945	-67.5979	3247.046	0	0	0
Base	27	550	1.5(DL+WL:+Y)	Combination	1.319	-69.2921	3250.4245	0	0	0
Base	27	550	1.5(DL+WL:-Y)	Combination	2.7719	-69.0425	3250.4208	0	0	0
Base	27	550	1.2(DL+LL+WL:+X)	Combination	1.5002	-67.7521	2975.1355	0	0	0
Base	27	550	1.2(DL+LL+WL:-X)	Combination	1.4187	-65.2411	2969.7328	0	0	0
Base	27	550	1.2(DL+LL+WL:+Y)	Combination	0.8783	-66.5965	2972.4356	0	0	0
Base	27	550	1.2(DL+LL+WL:-Y)	Combination	2.0406	-66.3968	2972.4327	0	0	0
Base	27	550	1.2(DL+LL+EQ:+X)	Combination	9.6083	-65.8905	2958.7229	0	0	0
Base	27	550	1.2(DL+LL+EQ:-X)	Combination	-6.6894	-67.1028	2986.1454	0	0	0
Base	27	550	1.2(DL+LL+EQ:+Y)	Combination	1.1487	-55.1945	2935.96	0	0	0
Base	27	550	1.2(DL+LL+EQ:-Y)	Combination	1.7702	-77.7987	3008.9083	0	0	0
Base	27	550	0.9DL+1.5EQ+X	Combination	11.4133	-40.7427	1933.1145	0	0	0
Base	27	550	0.9DL+1.5EQ-X	Combination	-8.9588	-42.2581	1967.3926	0	0	0
Base	27	550	0.9DL+1.5EQY+	Combination	0.8388	-27.3728	1904.6609	0	0	0
Base	27	550	0.9DL+1.5EQY-	Combination	1.6157	-55.628	1995.8463	0	0	0
Base	27	550	DWals1	Combination	2.0454	-69.1673	3250.4226	0	0	0
Base	27	550	DWals2	Combination	1.8243	-83.1208	3715.5427	0	0	0
Base	27	550	DWals3	Combination	1.5002	-67.7521	2975.1355	0	0	0
Base	27	550	DWals4	Combination	1.4187	-65.2411	2969.7328	0	0	0
Base	27	550	DWals5	Combination	0.8783	-66.5965	2972.4356	0	0	0
Base	27	550	DWals6	Combination	2.0406	-66.3968	2972.4327	0	0	0
Base	27	550	DWals7	Combination	2.0964	-70.7367	3253.7993	0	0	0
Base	27	550	DWals8	Combination	1.9945	-67.5979	3247.046	0	0	0
Base	27	550	DWals9	Combination	1.319	-69.2921	3250.4245	0	0	0
Base	27	550	DWals10	Combination	2.7719	-69.0425	3250.4208	0	0	0
Base	27	550	DWals11	Combination	1.2782	-43.0698	1953.6303	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	27	550	DWals12	Combination	1.1763	-39.931	1946.8769	0	0	0
Base	27	550	DWals13	Combination	0.5008	-41.6252	1950.2554	0	0	0
Base	27	550	DWals14	Combination	1.9537	-41.3755	1950.2517	0	0	0
Base	27	550	DWals15	Combination	9.6083	-65.8905	2958.7229	0	0	0
Base	27	550	DWals16	Combination	-6.6894	-67.1028	2986.1454	0	0	0
Base	27	550	DWals17	Combination	1.1487	-55.1945	2935.96	0	0	0
Base	27	550	DWals18	Combination	1.7702	-77.7987	3008.9083	0	0	0
Base	27	550	DWals19	Combination	12.2315	-68.4096	3233.2836	0	0	0
Base	27	550	DWals20	Combination	-8.1406	-69.925	3267.5617	0	0	0
Base	27	550	DWals21	Combination	1.657	-55.0397	3204.83	0	0	0
Base	27	550	DWals22	Combination	2.4339	-83.2949	3296.0153	0	0	0
Base	27	550	DWals23	Combination	11.4133	-40.7427	1933.1145	0	0	0
Base	27	550	DWals24	Combination	-8.9588	-42.2581	1967.3926	0	0	0
Base	27	550	DWals25	Combination	0.8388	-27.3728	1904.6609	0	0	0
Base	27	550	DWals26	Combination	1.6157	-55.628	1995.8463	0	0	0
Base	28	551	Dead	LinStatic	1.5059	47.6998	2177.3241	0	0	0
Base	28	551	Live	LinStatic	0.1488	9.3027	310.0799	0	0	0
Base	28	551	windx	LinStatic	0.0701	-0.9103	-2.0026	0	0	0
Base	28	551	windy	LinStatic	-0.2668	-0.0286	-0.6272	0	0	0
Base	28	551	seismic x	LinStatic	6.7928	0.5029	11.4259	0	0	0
Base	28	551	seismic y	LinStatic	-0.2465	9.4185	30.3954	0	0	0
Base	28	551	1.5(DL+LL)	Combination	2.482	85.5037	3731.1061	0	0	0
Base	28	551	1.5(DL+EQ:+X)	Combination	12.4479	72.304	3283.125	0	0	0
Base	28	551	1.5(DL+EQ:-X)	Combination	-7.9304	70.7954	3248.8474	0	0	0
Base	28	551	1.5(DL+EQ:+Y)	Combination	1.889	85.6775	3311.5793	0	0	0
Base	28	551	1.5(DL+EQ:-Y)	Combination	2.6286	57.4219	3220.3931	0	0	0
Base	28	551	1.5(DL+WL:+X)	Combination	2.364	70.1842	3262.9824	0	0	0
Base	28	551	1.5(DL+WL:-X)	Combination	2.1536	72.9152	3268.9901	0	0	0
Base	28	551	1.5(DL+WL:+Y)	Combination	1.8586	71.5069	3265.0454	0	0	0
Base	28	551	1.5(DL+WL:-Y)	Combination	2.659	71.5925	3266.9271	0	0	0
Base	28	551	1.2(DL+LL+WL:+X)	Combination	2.0698	67.3106	2982.4818	0	0	0
Base	28	551	1.2(DL+LL+WL:-X)	Combination	1.9014	69.4953	2987.288	0	0	0
Base	28	551	1.2(DL+LL+WL:+Y)	Combination	1.6654	68.3687	2984.1322	0	0	0
Base	28	551	1.2(DL+LL+WL:-Y)	Combination	2.3058	68.4372	2985.6376	0	0	0
Base	28	551	1.2(DL+LL+EQ:+X)	Combination	10.1369	69.0064	2998.5959	0	0	0
Base	28	551	1.2(DL+LL+EQ:-X)	Combination	-6.1657	67.7995	2971.1738	0	0	0
Base	28	551	1.2(DL+LL+EQ:+Y)	Combination	1.6898	79.7052	3021.3593	0	0	0
Base	28	551	1.2(DL+LL+EQ:-Y)	Combination	2.2814	57.1007	2948.4104	0	0	0
Base	28	551	0.9DL+1.5EQ+X	Combination	11.5444	43.6841	1976.7305	0	0	0
Base	28	551	0.9DL+1.5EQ-X	Combination	-8.8339	42.1755	1942.453	0	0	0
Base	28	551	0.9DL+1.5EQY+	Combination	0.9855	57.0576	2005.1848	0	0	0
Base	28	551	0.9DL+1.5EQY-	Combination	1.7251	28.802	1913.9987	0	0	0
Base	28	551	DWals1	Combination	2.2588	71.5497	3265.9862	0	0	0
Base	28	551	DWals2	Combination	2.482	85.5037	3731.1061	0	0	0
Base	28	551	DWals3	Combination	2.0698	67.3106	2982.4818	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	28	551	DWals4	Combination	1.9014	69.4953	2987.288	0	0	0
Base	28	551	DWals5	Combination	1.6654	68.3687	2984.1322	0	0	0
Base	28	551	DWals6	Combination	2.3058	68.4372	2985.6376	0	0	0
Base	28	551	DWals7	Combination	2.364	70.1842	3262.9824	0	0	0
Base	28	551	DWals8	Combination	2.1536	72.9152	3268.9901	0	0	0
Base	28	551	DWals9	Combination	1.8586	71.5069	3265.0454	0	0	0
Base	28	551	DWals10	Combination	2.659	71.5925	3266.9271	0	0	0
Base	28	551	DWals11	Combination	1.4605	41.5643	1956.5879	0	0	0
Base	28	551	DWals12	Combination	1.25	44.2953	1962.5956	0	0	0
Base	28	551	DWals13	Combination	0.9551	42.887	1958.6509	0	0	0
Base	28	551	DWals14	Combination	1.7555	42.9727	1960.5326	0	0	0
Base	28	551	DWals15	Combination	10.1369	69.0064	2998.5959	0	0	0
Base	28	551	DWals16	Combination	-6.1657	67.7995	2971.1738	0	0	0
Base	28	551	DWals17	Combination	1.6898	79.7052	3021.3593	0	0	0
Base	28	551	DWals18	Combination	2.2814	57.1007	2948.4104	0	0	0
Base	28	551	DWals19	Combination	12.4479	72.304	3283.125	0	0	0
Base	28	551	DWals20	Combination	-7.9304	70.7954	3248.8474	0	0	0
Base	28	551	DWals21	Combination	1.889	85.6775	3311.5793	0	0	0
Base	28	551	DWals22	Combination	2.6286	57.4219	3220.3931	0	0	0
Base	28	551	DWals23	Combination	11.5444	43.6841	1976.7305	0	0	0
Base	28	551	DWals24	Combination	-8.8339	42.1755	1942.453	0	0	0
Base	28	551	DWals25	Combination	0.9855	57.0576	2005.1848	0	0	0
Base	28	551	DWals26	Combination	1.7251	28.802	1913.9987	0	0	0
Base	29	554	Dead	LinStatic	2.6726	8.3886	2464.6207	0	0	0
Base	29	554	Live	LinStatic	0.0905	1.733	371.5646	0	0	0
Base	29	554	windx	LinStatic	0.2726	-1.1586	0.2087	0	0	0
Base	29	554	windy	LinStatic	-0.1787	-0.0302	-0.2255	0	0	0
Base	29	554	seismic x	LinStatic	12.2674	-0.0705	3.6674	0	0	0
Base	29	554	seismic y	LinStatic	-1.0615	14.6203	-2.7157	0	0	0
Base	29	554	1.5(DL+LL)	Combination	4.1446	15.1824	4254.2779	0	0	0
Base	29	554	1.5(DL+EQ:+X)	Combination	22.41	12.4772	3702.4321	0	0	0
Base	29	554	1.5(DL+EQ:-X)	Combination	-14.3922	12.6886	3691.4298	0	0	0
Base	29	554	1.5(DL+EQ:+Y)	Combination	2.4167	34.5134	3692.8574	0	0	0
Base	29	554	1.5(DL+EQ:-Y)	Combination	5.6011	-9.3475	3701.0046	0	0	0
Base	29	554	1.5(DL+WL:+X)	Combination	4.4179	10.845	3697.244	0	0	0
Base	29	554	1.5(DL+WL:-X)	Combination	3.5999	14.3209	3696.618	0	0	0
Base	29	554	1.5(DL+WL:+Y)	Combination	3.7409	12.5376	3696.5927	0	0	0
Base	29	554	1.5(DL+WL:-Y)	Combination	4.2769	12.6283	3697.2693	0	0	0
Base	29	554	1.2(DL+LL+WL:+X)	Combination	3.6428	10.7556	3403.6727	0	0	0
Base	29	554	1.2(DL+LL+WL:-X)	Combination	2.9885	13.5363	3403.1719	0	0	0
Base	29	554	1.2(DL+LL+WL:+Y)	Combination	3.1012	12.1096	3403.1517	0	0	0
Base	29	554	1.2(DL+LL+WL:-Y)	Combination	3.5301	12.1822	3403.693	0	0	0
Base	29	554	1.2(DL+LL+EQ:+X)	Combination	18.0365	12.0614	3407.8233	0	0	0
Base	29	554	1.2(DL+LL+EQ:-X)	Combination	-11.4052	12.2305	3399.0214	0	0	0
Base	29	554	1.2(DL+LL+EQ:+Y)	Combination	2.0419	29.6903	3400.1635	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	29	554	1.2(DL+LL+EQ:-Y)	Combination	4.5894	-5.3984	3406.6812	0	0	0
Base	29	554	0.9DL+1.5EQ+X	Combination	20.8064	7.4441	2223.6597	0	0	0
Base	29	554	0.9DL+1.5EQ-X	Combination	-15.9957	7.6555	2212.6574	0	0	0
Base	29	554	0.9DL+1.5EQY+	Combination	0.8131	29.4802	2214.085	0	0	0
Base	29	554	0.9DL+1.5EQY-	Combination	3.9976	-14.3807	2222.2322	0	0	0
Base	29	554	DWals1	Combination	4.0089	12.5829	3696.931	0	0	0
Base	29	554	DWals2	Combination	4.1446	15.1824	4254.2779	0	0	0
Base	29	554	DWals3	Combination	3.6428	10.7556	3403.6727	0	0	0
Base	29	554	DWals4	Combination	2.9885	13.5363	3403.1719	0	0	0
Base	29	554	DWals5	Combination	3.1012	12.1096	3403.1517	0	0	0
Base	29	554	DWals6	Combination	3.5301	12.1822	3403.693	0	0	0
Base	29	554	DWals7	Combination	4.4179	10.845	3697.244	0	0	0
Base	29	554	DWals8	Combination	3.5999	14.3209	3696.618	0	0	0
Base	29	554	DWals9	Combination	3.7409	12.5376	3696.5927	0	0	0
Base	29	554	DWals10	Combination	4.2769	12.6283	3697.2693	0	0	0
Base	29	554	DWals11	Combination	2.8143	5.8118	2218.4716	0	0	0
Base	29	554	DWals12	Combination	1.9964	9.2877	2217.8456	0	0	0
Base	29	554	DWals13	Combination	2.1373	7.5044	2217.8203	0	0	0
Base	29	554	DWals14	Combination	2.6734	7.5951	2218.4969	0	0	0
Base	29	554	DWals15	Combination	18.0365	12.0614	3407.8233	0	0	0
Base	29	554	DWals16	Combination	-11.4052	12.2305	3399.0214	0	0	0
Base	29	554	DWals17	Combination	2.0419	29.6903	3400.1635	0	0	0
Base	29	554	DWals18	Combination	4.5894	-5.3984	3406.6812	0	0	0
Base	29	554	DWals19	Combination	22.41	12.4772	3702.4321	0	0	0
Base	29	554	DWals20	Combination	-14.3922	12.6886	3691.4298	0	0	0
Base	29	554	DWals21	Combination	2.4167	34.5134	3692.8574	0	0	0
Base	29	554	DWals22	Combination	5.6011	-9.3475	3701.0046	0	0	0
Base	29	554	DWals23	Combination	20.8064	7.4441	2223.6597	0	0	0
Base	29	554	DWals24	Combination	-15.9957	7.6555	2212.6574	0	0	0
Base	29	554	DWals25	Combination	0.8131	29.4802	2214.085	0	0	0
Base	29	554	DWals26	Combination	3.9976	-14.3807	2222.2322	0	0	0
Base	30	154	Dead	LinStatic	-6.5487	-65.817	1524.4902	-19.6224	-8.3083	-1.5251
Base	30	154	Live	LinStatic	-0.0679	-11.2243	180.9845	-5.0304	-0.1226	0.0043
Base	30	154	windx	LinStatic	-0.2639	10.942	-3.2238	-8.0976	-0.5207	0.018
Base	30	154	windy	LinStatic	2.0845	-0.308	-0.0923	0.1801	1.7059	0.0487
Base	30	154	seismic x	LinStatic	-34.8144	3.3182	-0.5098	-2.8252	-38.8044	-0.4218
Base	30	154	seismic y	LinStatic	-0.1918	-57.5756	47.1479	53.079	0.9723	-0.0313
Base	30	154	1.5(DL+LL)	Combination	-9.9248	-115.562	2558.212	-36.9791	-12.6464	-2.2812
Base	30	154	1.5(DL+EQ:+X)	Combination	-62.0446	-93.7483	2285.9706	-33.6713	-70.669	-2.9203
Base	30	154	1.5(DL+EQ:-X)	Combination	42.3986	-103.7028	2287.4999	-25.1958	45.7442	-1.655
Base	30	154	1.5(DL+EQ:+Y)	Combination	-10.1107	-185.089	2357.4572	50.185	-11.0039	-2.3346
Base	30	154	1.5(DL+EQ:-Y)	Combination	-9.5353	-12.3621	2216.0134	-109.0521	-13.9209	-2.2407
Base	30	154	1.5(DL+WL:+X)	Combination	-10.2188	-82.3126	2281.8995	-41.58	-13.2435	-2.2607
Base	30	154	1.5(DL+WL:-X)	Combination	-9.4272	-115.1385	2291.5711	-17.2872	-11.6813	-2.3146
Base	30	154	1.5(DL+WL:+Y)	Combination	-6.6963	-99.1876	2286.5969	-29.1634	-9.9036	-2.2146

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	30	154	1.5(DL+WL:-Y)	Combination	-12.9497	-98.2635	2286.8737	-29.7038	-15.0212	-2.3607
Base	30	154	1.2(DL+LL+WL:+X)	Combination	-8.2565	-79.3192	2042.701	-39.3004	-10.742	-1.8033
Base	30	154	1.2(DL+LL+WL:-X)	Combination	-7.6232	-105.58	2050.4382	-19.8662	-9.4922	-1.8465
Base	30	154	1.2(DL+LL+WL:+Y)	Combination	-5.4385	-92.8192	2046.4588	-29.3671	-8.0701	-1.7665
Base	30	154	1.2(DL+LL+WL:-Y)	Combination	-10.4412	-92.08	2046.6803	-29.7995	-12.1641	-1.8834
Base	30	154	1.2(DL+LL+EQ:+X)	Combination	-49.7171	-88.4678	2045.9578	-32.9735	-56.6824	-2.331
Base	30	154	1.2(DL+LL+EQ:-X)	Combination	33.8374	-96.4314	2047.1813	-26.1931	36.4482	-1.3188
Base	30	154	1.2(DL+LL+EQ:+Y)	Combination	-8.17	-161.5404	2103.1471	34.1115	-8.9503	-1.8625
Base	30	154	1.2(DL+LL+EQ:-Y)	Combination	-7.7097	-23.3588	1989.9921	-93.2782	-11.2839	-1.7874
Base	30	154	0.9DL+1.5EQ+X	Combination	-58.1154	-54.2581	1371.2765	-21.8979	-65.6841	-2.0053
Base	30	154	0.9DL+1.5EQ-X	Combination	46.3278	-64.2126	1372.8058	-13.4224	50.7291	-0.7399
Base	30	154	0.9DL+1.5EQY+	Combination	-6.1815	-145.5988	1442.763	61.9584	-6.019	-1.4195
Base	30	154	0.9DL+1.5EQY-	Combination	-5.6061	27.1281	1301.3193	-97.2787	-8.936	-1.3257
Base	30	154	DWals1	Combination	-9.823	-98.7256	2286.7353	-29.4336	-12.4624	-2.2877
Base	30	154	DWals2	Combination	-9.9248	-115.562	2558.212	-36.9791	-12.6464	-2.2812
Base	30	154	DWals3	Combination	-8.2565	-79.3192	2042.701	-39.3004	-10.742	-1.8033
Base	30	154	DWals4	Combination	-7.6232	-105.58	2050.4382	-19.8662	-9.4922	-1.8465
Base	30	154	DWals5	Combination	-5.4385	-92.8192	2046.4588	-29.3671	-8.0701	-1.7665
Base	30	154	DWals6	Combination	-10.4412	-92.08	2046.6803	-29.7995	-12.1641	-1.8834
Base	30	154	DWals7	Combination	-10.2188	-82.3126	2281.8995	-41.58	-13.2435	-2.2607
Base	30	154	DWals8	Combination	-9.4272	-115.1385	2291.5711	-17.2872	-11.6813	-2.3146
Base	30	154	DWals9	Combination	-6.6963	-99.1876	2286.5969	-29.1634	-9.9036	-2.2146
Base	30	154	DWals10	Combination	-12.9497	-98.2635	2286.8737	-29.7038	-15.0212	-2.3607
Base	30	154	DWals11	Combination	-6.2896	-42.8224	1367.2054	-29.8065	-8.2585	-1.3456
Base	30	154	DWals12	Combination	-5.498	-75.6483	1376.8769	-5.5138	-6.6964	-1.3996
Base	30	154	DWals13	Combination	-2.7671	-59.6974	1371.9028	-17.3899	-4.9187	-1.2996
Base	30	154	DWals14	Combination	-9.0205	-58.7733	1372.1796	-17.9304	-10.0363	-1.4456
Base	30	154	DWals15	Combination	-49.7171	-88.4678	2045.9578	-32.9735	-56.6824	-2.331
Base	30	154	DWals16	Combination	33.8374	-96.4314	2047.1813	-26.1931	36.4482	-1.3188
Base	30	154	DWals17	Combination	-8.17	-161.5404	2103.1471	34.1115	-8.9503	-1.8625
Base	30	154	DWals18	Combination	-7.7097	-23.3588	1989.9921	-93.2782	-11.2839	-1.7874
Base	30	154	DWals19	Combination	-62.0446	-93.7483	2285.9706	-33.6713	-70.669	-2.9203
Base	30	154	DWals20	Combination	42.3986	-103.7028	2287.4999	-25.1958	45.7442	-1.655
Base	30	154	DWals21	Combination	-10.1107	-185.089	2357.4572	50.185	-11.0039	-2.3346
Base	30	154	DWals22	Combination	-9.5353	-12.3621	2216.0134	-109.0521	-13.9209	-2.2407
Base	30	154	DWals23	Combination	-58.1154	-54.2581	1371.2765	-21.8979	-65.6841	-2.0053
Base	30	154	DWals24	Combination	46.3278	-64.2126	1372.8058	-13.4224	50.7291	-0.7399
Base	30	154	DWals25	Combination	-6.1815	-145.5988	1442.763	61.9584	-6.019	-1.4195
Base	30	154	DWals26	Combination	-5.6061	27.1281	1301.3193	-97.2787	-8.936	-1.3257
Base	31	164	Dead	LinStatic	-20.888	38.8795	1029.9609	33.9745	-3.5343	-1.4359
Base	31	164	Live	LinStatic	-2.0559	10.0496	96.8801	5.2057	0.5592	-0.0124
Base	31	164	windx	LinStatic	-0.4061	2.5308	2.2308	-3.3315	-0.1602	-0.0239
Base	31	164	windy	LinStatic	2.5877	0.1573	-1.444	-0.2309	2.7125	-0.0229
Base	31	164	seismic x	LinStatic	-36.5194	3.6267	44.776	-2.9709	-36.9056	0.4836
Base	31	164	seismic y	LinStatic	5.7827	-54.2911	-36.6139	50.6718	3.7329	0.1945

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	31	164	1.5(DL+LL)	Combination	-34.4158	73.3936	1690.2615	58.7703	-4.4626	-2.1725
Base	31	164	1.5(DL+EQ:+X)	Combination	-86.1111	63.7592	1612.1053	46.5054	-60.6598	-1.4284
Base	31	164	1.5(DL+EQ:-X)	Combination	23.4471	52.8792	1477.7773	55.418	50.057	-2.8793
Base	31	164	1.5(DL+EQ:+Y)	Combination	-22.658	-23.1174	1490.0205	126.9694	0.298	-1.8621
Base	31	164	1.5(DL+EQ:-Y)	Combination	-40.006	139.7558	1599.8621	-25.046	-10.9008	-2.4455
Base	31	164	1.5(DL+WL:+X)	Combination	-31.9411	62.1153	1548.2875	45.9645	-5.5417	-2.1897
Base	31	164	1.5(DL+WL:-X)	Combination	-30.7229	54.523	1541.5951	55.9589	-5.061	-2.118
Base	31	164	1.5(DL+WL:+Y)	Combination	-27.4504	58.5551	1542.7752	50.6153	-1.2326	-2.1881
Base	31	164	1.5(DL+WL:-Y)	Combination	-35.2135	58.0833	1547.1074	51.3081	-9.3701	-2.1195
Base	31	164	1.2(DL+LL+WL:+X)	Combination	-28.0199	61.7518	1354.8861	43.0185	-3.7623	-1.7667
Base	31	164	1.2(DL+LL+WL:-X)	Combination	-27.0454	55.678	1349.5322	51.014	-3.3778	-1.7093
Base	31	164	1.2(DL+LL+WL:+Y)	Combination	-24.4274	58.9036	1350.4763	46.7392	-0.315	-1.7654
Base	31	164	1.2(DL+LL+WL:-Y)	Combination	-30.6379	58.5262	1353.942	47.2934	-6.8251	-1.7106
Base	31	164	1.2(DL+LL+EQ:+X)	Combination	-71.3559	63.0669	1405.9403	43.4512	-47.8568	-1.1576
Base	31	164	1.2(DL+LL+EQ:-X)	Combination	16.2906	54.3629	1298.478	50.5813	40.7167	-2.3184
Base	31	164	1.2(DL+LL+EQ:+Y)	Combination	-20.5934	-6.4344	1308.2725	107.8224	0.9095	-1.5046
Base	31	164	1.2(DL+LL+EQ:-Y)	Combination	-34.4718	123.8642	1396.1458	-13.7899	-8.0496	-1.9714
Base	31	164	0.9DL+1.5EQ+X	Combination	-73.5783	40.4315	994.1288	26.1207	-58.5392	-0.5668
Base	31	164	0.9DL+1.5EQ-X	Combination	35.9799	29.5515	859.8008	35.0333	52.1776	-2.0178
Base	31	164	0.9DL+1.5EQY+	Combination	-10.1252	-46.4451	872.044	106.5847	2.4186	-1.0006
Base	31	164	0.9DL+1.5EQY-	Combination	-27.4732	116.4281	981.8856	-45.4307	-8.7803	-1.584
Base	31	164	DWals1	Combination	-31.332	58.3192	1544.9413	50.9617	-5.3014	-2.1538
Base	31	164	DWals2	Combination	-34.4158	73.3936	1690.2615	58.7703	-4.4626	-2.1725
Base	31	164	DWals3	Combination	-28.0199	61.7518	1354.8861	43.0185	-3.7623	-1.7667
Base	31	164	DWals4	Combination	-27.0454	55.678	1349.5322	51.014	-3.3778	-1.7093
Base	31	164	DWals5	Combination	-24.4274	58.9036	1350.4763	46.7392	-0.315	-1.7654
Base	31	164	DWals6	Combination	-30.6379	58.5262	1353.942	47.2934	-6.8251	-1.7106
Base	31	164	DWals7	Combination	-31.9411	62.1153	1548.2875	45.9645	-5.5417	-2.1897
Base	31	164	DWals8	Combination	-30.7229	54.523	1541.5951	55.9589	-5.061	-2.118
Base	31	164	DWals9	Combination	-27.4504	58.5551	1542.7752	50.6153	-1.2326	-2.1881
Base	31	164	DWals10	Combination	-35.2135	58.0833	1547.1074	51.3081	-9.3701	-2.1195
Base	31	164	DWals11	Combination	-19.4083	38.7877	930.311	25.5798	-3.4212	-1.3281
Base	31	164	DWals12	Combination	-18.1901	31.1954	923.6186	35.5742	-2.9405	-1.2564
Base	31	164	DWals13	Combination	-14.9176	35.2274	924.7987	30.2306	0.8879	-1.3266
Base	31	164	DWals14	Combination	-22.6808	34.7556	929.1308	30.9234	-7.2496	-1.258
Base	31	164	DWals15	Combination	-71.3559	63.0669	1405.9403	43.4512	-47.8568	-1.1576
Base	31	164	DWals16	Combination	16.2906	54.3629	1298.478	50.5813	40.7167	-2.3184
Base	31	164	DWals17	Combination	-20.5934	-6.4344	1308.2725	107.8224	0.9095	-1.5046
Base	31	164	DWals18	Combination	-34.4718	123.8642	1396.1458	-13.7899	-8.0496	-1.9714
Base	31	164	DWals19	Combination	-86.1111	63.7592	1612.1053	46.5054	-60.6598	-1.4284
Base	31	164	DWals20	Combination	23.4471	52.8792	1477.7773	55.418	50.057	-2.8793
Base	31	164	DWals21	Combination	-22.658	-23.1174	1490.0205	126.9694	0.298	-1.8621
Base	31	164	DWals22	Combination	-40.006	139.7558	1599.8621	-25.046	-10.9008	-2.4455
Base	31	164	DWals23	Combination	-73.5783	40.4315	994.1288	26.1207	-58.5392	-0.5668
Base	31	164	DWals24	Combination	35.9799	29.5515	859.8008	35.0333	52.1776	-2.0178

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	31	164	DWals25	Combination	-10.1252	-46.4451	872.044	106.5847	2.4186	-1.0006
Base	31	164	DWals26	Combination	-27.4732	116.4281	981.8856	-45.4307	-8.7803	-1.584
Base	32	560	Dead	LinStatic	-31.6319	-11.4186	1935.0388	0	0	0
Base	32	560	Live	LinStatic	-9.6241	-9.4543	205.8358	0	0	0
Base	32	560	windx	LinStatic	-0.0042	-1.6638	-0.1962	0	0	0
Base	32	560	windy	LinStatic	-0.5887	-0.2444	-1.9626	0	0	0
Base	32	560	seismic x	LinStatic	8.0248	0.1977	-13.8461	0	0	0
Base	32	560	seismic y	LinStatic	-0.5938	13.7107	-1.4544	0	0	0
Base	32	560	1.5(DL+LL)	Combination	-61.8841	-31.3094	3211.3118	0	0	0
Base	32	560	1.5(DL+EQ:+X)	Combination	-35.4107	-16.8313	2881.7891	0	0	0
Base	32	560	1.5(DL+EQ:-X)	Combination	-59.4851	-17.4245	2923.3272	0	0	0
Base	32	560	1.5(DL+EQ:+Y)	Combination	-48.3385	3.4381	2900.3765	0	0	0
Base	32	560	1.5(DL+EQ:-Y)	Combination	-46.5573	-37.6939	2904.7398	0	0	0
Base	32	560	1.5(DL+WL:+X)	Combination	-47.4542	-19.6236	2902.2639	0	0	0
Base	32	560	1.5(DL+WL:-X)	Combination	-47.4416	-14.6322	2902.8524	0	0	0
Base	32	560	1.5(DL+WL:+Y)	Combination	-48.3309	-17.4945	2899.6143	0	0	0
Base	32	560	1.5(DL+WL:-Y)	Combination	-46.5649	-16.7614	2905.502	0	0	0
Base	32	560	1.2(DL+LL+WL:+X)	Combination	-49.5123	-27.0441	2568.814	0	0	0
Base	32	560	1.2(DL+LL+WL:-X)	Combination	-49.5022	-23.0509	2569.2849	0	0	0
Base	32	560	1.2(DL+LL+WL:+Y)	Combination	-50.2137	-25.3407	2566.6943	0	0	0
Base	32	560	1.2(DL+LL+WL:-Y)	Combination	-48.8009	-24.7543	2571.4046	0	0	0
Base	32	560	1.2(DL+LL+EQ:+X)	Combination	-39.8775	-24.8102	2552.4342	0	0	0
Base	32	560	1.2(DL+LL+EQ:-X)	Combination	-59.137	-25.2848	2585.6647	0	0	0
Base	32	560	1.2(DL+LL+EQ:+Y)	Combination	-50.2198	-8.5947	2567.3041	0	0	0
Base	32	560	1.2(DL+LL+EQ:-Y)	Combination	-48.7948	-41.5003	2570.7948	0	0	0
Base	32	560	0.9DL+1.5EQ+X	Combination	-16.4315	-9.9801	1720.7658	0	0	0
Base	32	560	0.9DL+1.5EQ-X	Combination	-40.5059	-10.5734	1762.304	0	0	0
Base	32	560	0.9DL+1.5EQY+	Combination	-29.3594	10.2893	1739.3532	0	0	0
Base	32	560	0.9DL+1.5EQY-	Combination	-27.5781	-30.8428	1743.7166	0	0	0
Base	32	560	DWals1	Combination	-47.4479	-17.1279	2902.5581	0	0	0
Base	32	560	DWals2	Combination	-61.8841	-31.3094	3211.3118	0	0	0
Base	32	560	DWals3	Combination	-49.5123	-27.0441	2568.814	0	0	0
Base	32	560	DWals4	Combination	-49.5022	-23.0509	2569.2849	0	0	0
Base	32	560	DWals5	Combination	-50.2137	-25.3407	2566.6943	0	0	0
Base	32	560	DWals6	Combination	-48.8009	-24.7543	2571.4046	0	0	0
Base	32	560	DWals7	Combination	-47.4542	-19.6236	2902.2639	0	0	0
Base	32	560	DWals8	Combination	-47.4416	-14.6322	2902.8524	0	0	0
Base	32	560	DWals9	Combination	-48.3309	-17.4945	2899.6143	0	0	0
Base	32	560	DWals10	Combination	-46.5649	-16.7614	2905.502	0	0	0
Base	32	560	DWals11	Combination	-28.475	-12.7725	1741.2406	0	0	0
Base	32	560	DWals12	Combination	-28.4625	-7.781	1741.8292	0	0	0
Base	32	560	DWals13	Combination	-29.3517	-10.6433	1738.591	0	0	0
Base	32	560	DWals14	Combination	-27.5857	-9.9102	1744.4788	0	0	0
Base	32	560	DWals15	Combination	-39.8775	-24.8102	2552.4342	0	0	0
Base	32	560	DWals16	Combination	-59.137	-25.2848	2585.6647	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	32	560	DWals17	Combination	-50.2198	-8.5947	2567.3041	0	0	0
Base	32	560	DWals18	Combination	-48.7948	-41.5003	2570.7948	0	0	0
Base	32	560	DWals19	Combination	-35.4107	-16.8313	2881.7891	0	0	0
Base	32	560	DWals20	Combination	-59.4851	-17.4245	2923.3272	0	0	0
Base	32	560	DWals21	Combination	-48.3385	3.4381	2900.3765	0	0	0
Base	32	560	DWals22	Combination	-46.5573	-37.6939	2904.7398	0	0	0
Base	32	560	DWals23	Combination	-16.4315	-9.9801	1720.7658	0	0	0
Base	32	560	DWals24	Combination	-40.5059	-10.5734	1762.304	0	0	0
Base	32	560	DWals25	Combination	-29.3594	10.2893	1739.3532	0	0	0
Base	32	560	DWals26	Combination	-27.5781	-30.8428	1743.7166	0	0	0
Base	33	561	Dead	LinStatic	-31.8229	-47.408	2037.271	0	0	0
Base	33	561	Live	LinStatic	-8.5911	-2.8977	227.1606	0	0	0
Base	33	561	windx	LinStatic	-0.0328	-1.1941	3.9437	0	0	0
Base	33	561	windy	LinStatic	1.0865	-0.2609	13.8706	0	0	0
Base	33	561	seismic x	LinStatic	-14.8449	0.6108	-317.8289	0	0	0
Base	33	561	seismic y	LinStatic	1.1602	10.9966	-36.8726	0	0	0
Base	33	561	1.5(DL+LL)	Combination	-60.621	-75.4586	3396.6474	0	0	0
Base	33	561	1.5(DL+EQ:+X)	Combination	-70.0017	-70.1958	2579.1631	0	0	0
Base	33	561	1.5(DL+EQ:-X)	Combination	-25.467	-72.0282	3532.6497	0	0	0
Base	33	561	1.5(DL+EQ:+Y)	Combination	-45.994	-54.6172	3000.5976	0	0	0
Base	33	561	1.5(DL+EQ:-Y)	Combination	-49.4747	-87.6069	3111.2153	0	0	0
Base	33	561	1.5(DL+WL:+X)	Combination	-47.7836	-72.9032	3061.822	0	0	0
Base	33	561	1.5(DL+WL:-X)	Combination	-47.6851	-69.3208	3049.9909	0	0	0
Base	33	561	1.5(DL+WL:+Y)	Combination	-46.1046	-71.5033	3076.7123	0	0	0
Base	33	561	1.5(DL+WL:-Y)	Combination	-49.3641	-70.7207	3035.1005	0	0	0
Base	33	561	1.2(DL+LL+WL:+X)	Combination	-48.5362	-61.7998	2722.0504	0	0	0
Base	33	561	1.2(DL+LL+WL:-X)	Combination	-48.4574	-58.9339	2712.5855	0	0	0
Base	33	561	1.2(DL+LL+WL:+Y)	Combination	-47.193	-60.6799	2733.9626	0	0	0
Base	33	561	1.2(DL+LL+WL:-Y)	Combination	-49.8005	-60.0538	2700.6732	0	0	0
Base	33	561	1.2(DL+LL+EQ:+X)	Combination	-66.3106	-59.6339	2335.9233	0	0	0
Base	33	561	1.2(DL+LL+EQ:-X)	Combination	-30.6829	-61.0998	3098.7126	0	0	0
Base	33	561	1.2(DL+LL+EQ:+Y)	Combination	-47.1045	-47.171	2673.0708	0	0	0
Base	33	561	1.2(DL+LL+EQ:-Y)	Combination	-49.889	-73.5627	2761.565	0	0	0
Base	33	561	0.9DL+1.5EQ+X	Combination	-50.9079	-41.751	1356.8006	0	0	0
Base	33	561	0.9DL+1.5EQ-X	Combination	-6.3733	-43.5834	2310.2872	0	0	0
Base	33	561	0.9DL+1.5EQY+	Combination	-26.9003	-26.1724	1778.235	0	0	0
Base	33	561	0.9DL+1.5EQY-	Combination	-30.3809	-59.1621	1888.8527	0	0	0
Base	33	561	DWals1	Combination	-47.7344	-71.112	3055.9064	0	0	0
Base	33	561	DWals2	Combination	-60.621	-75.4586	3396.6474	0	0	0
Base	33	561	DWals3	Combination	-48.5362	-61.7998	2722.0504	0	0	0
Base	33	561	DWals4	Combination	-48.4574	-58.9339	2712.5855	0	0	0
Base	33	561	DWals5	Combination	-47.193	-60.6799	2733.9626	0	0	0
Base	33	561	DWals6	Combination	-49.8005	-60.0538	2700.6732	0	0	0
Base	33	561	DWals7	Combination	-47.7836	-72.9032	3061.822	0	0	0
Base	33	561	DWals8	Combination	-47.6851	-69.3208	3049.9909	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	33	561	DWals9	Combination	-46.1046	-71.5033	3076.7123	0	0	0
Base	33	561	DWals10	Combination	-49.3641	-70.7207	3035.1005	0	0	0
Base	33	561	DWals11	Combination	-28.6899	-44.4584	1839.4594	0	0	0
Base	33	561	DWals12	Combination	-28.5913	-40.876	1827.6283	0	0	0
Base	33	561	DWals13	Combination	-27.0109	-43.0585	1854.3498	0	0	0
Base	33	561	DWals14	Combination	-30.2703	-42.2759	1812.738	0	0	0
Base	33	561	DWals15	Combination	-66.3106	-59.6339	2335.9233	0	0	0
Base	33	561	DWals16	Combination	-30.6829	-61.0998	3098.7126	0	0	0
Base	33	561	DWals17	Combination	-47.1045	-47.171	2673.0708	0	0	0
Base	33	561	DWals18	Combination	-49.889	-73.5627	2761.565	0	0	0
Base	33	561	DWals19	Combination	-70.0017	-70.1958	2579.1631	0	0	0
Base	33	561	DWals20	Combination	-25.467	-72.0282	3532.6497	0	0	0
Base	33	561	DWals21	Combination	-45.994	-54.6172	3000.5976	0	0	0
Base	33	561	DWals22	Combination	-49.4747	-87.6069	3111.2153	0	0	0
Base	33	561	DWals23	Combination	-50.9079	-41.751	1356.8006	0	0	0
Base	33	561	DWals24	Combination	-6.3733	-43.5834	2310.2872	0	0	0
Base	33	561	DWals25	Combination	-26.9003	-26.1724	1778.235	0	0	0
Base	33	561	DWals26	Combination	-30.3809	-59.1621	1888.8527	0	0	0
Base	34	564	Dead	LinStatic	-28.3385	46.5676	1769.9647	0	0	0
Base	34	564	Live	LinStatic	-5.7126	8.7001	209.6865	0	0	0
Base	34	564	windx	LinStatic	-0.0036	-0.7342	-2.9214	0	0	0
Base	34	564	windy	LinStatic	-0.0245	-0.2886	1.3827	0	0	0
Base	34	564	seismic x	LinStatic	3.3595	1.0781	-39.3307	0	0	0
Base	34	564	seismic y	LinStatic	0.2622	9.6006	45.016	0	0	0
Base	34	564	1.5(DL+LL)	Combination	-51.0767	82.9016	2969.4768	0	0	0
Base	34	564	1.5(DL+EQ:+X)	Combination	-37.4685	71.4686	2595.951	0	0	0
Base	34	564	1.5(DL+EQ:-X)	Combination	-47.5471	68.2342	2713.9432	0	0	0
Base	34	564	1.5(DL+EQ:+Y)	Combination	-42.1145	84.2523	2722.4712	0	0	0
Base	34	564	1.5(DL+EQ:-Y)	Combination	-42.9011	55.4504	2587.423	0	0	0
Base	34	564	1.5(DL+WL:+X)	Combination	-42.5132	68.7501	2650.565	0	0	0
Base	34	564	1.5(DL+WL:-X)	Combination	-42.5024	70.9527	2659.3293	0	0	0
Base	34	564	1.5(DL+WL:+Y)	Combination	-42.5445	69.4185	2657.0212	0	0	0
Base	34	564	1.5(DL+WL:-Y)	Combination	-42.4711	70.2842	2652.8731	0	0	0
Base	34	564	1.2(DL+LL+WL:+X)	Combination	-40.8657	65.4402	2372.0757	0	0	0
Base	34	564	1.2(DL+LL+WL:-X)	Combination	-40.857	67.2023	2379.0872	0	0	0
Base	34	564	1.2(DL+LL+WL:+Y)	Combination	-40.8907	65.975	2377.2407	0	0	0
Base	34	564	1.2(DL+LL+WL:-Y)	Combination	-40.832	66.6676	2373.9222	0	0	0
Base	34	564	1.2(DL+LL+EQ:+X)	Combination	-36.8299	67.615	2328.3846	0	0	0
Base	34	564	1.2(DL+LL+EQ:-X)	Combination	-44.8928	65.0275	2422.7783	0	0	0
Base	34	564	1.2(DL+LL+EQ:+Y)	Combination	-40.5467	77.8421	2429.6007	0	0	0
Base	34	564	1.2(DL+LL+EQ:-Y)	Combination	-41.176	54.8005	2321.5622	0	0	0
Base	34	564	0.9DL+1.5EQ+X	Combination	-20.4654	43.528	1533.9722	0	0	0
Base	34	564	0.9DL+1.5EQ-X	Combination	-30.544	40.2936	1651.9644	0	0	0
Base	34	564	0.9DL+1.5EQY+	Combination	-25.1114	56.3118	1660.4923	0	0	0
Base	34	564	0.9DL+1.5EQY-	Combination	-25.898	27.5099	1525.4442	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	34	564	DWals1	Combination	-42.5078	69.8514	2654.9471	0	0	0
Base	34	564	DWals2	Combination	-51.0767	82.9016	2969.4768	0	0	0
Base	34	564	DWals3	Combination	-40.8657	65.4402	2372.0757	0	0	0
Base	34	564	DWals4	Combination	-40.857	67.2023	2379.0872	0	0	0
Base	34	564	DWals5	Combination	-40.8907	65.975	2377.2407	0	0	0
Base	34	564	DWals6	Combination	-40.832	66.6676	2373.9222	0	0	0
Base	34	564	DWals7	Combination	-42.5132	68.7501	2650.565	0	0	0
Base	34	564	DWals8	Combination	-42.5024	70.9527	2659.3293	0	0	0
Base	34	564	DWals9	Combination	-42.5445	69.4185	2657.0212	0	0	0
Base	34	564	DWals10	Combination	-42.4711	70.2842	2652.8731	0	0	0
Base	34	564	DWals11	Combination	-25.5101	40.8095	1588.5861	0	0	0
Base	34	564	DWals12	Combination	-25.4993	43.0121	1597.3504	0	0	0
Base	34	564	DWals13	Combination	-25.5414	41.478	1595.0423	0	0	0
Base	34	564	DWals14	Combination	-25.468	42.3437	1590.8942	0	0	0
Base	34	564	DWals15	Combination	-36.8299	67.615	2328.3846	0	0	0
Base	34	564	DWals16	Combination	-44.8928	65.0275	2422.7783	0	0	0
Base	34	564	DWals17	Combination	-40.5467	77.8421	2429.6007	0	0	0
Base	34	564	DWals18	Combination	-41.176	54.8005	2321.5622	0	0	0
Base	34	564	DWals19	Combination	-37.4685	71.4686	2595.951	0	0	0
Base	34	564	DWals20	Combination	-47.5471	68.2342	2713.9432	0	0	0
Base	34	564	DWals21	Combination	-42.1145	84.2523	2722.4712	0	0	0
Base	34	564	DWals22	Combination	-42.9011	55.4504	2587.423	0	0	0
Base	34	564	DWals23	Combination	-20.4654	43.528	1533.9722	0	0	0
Base	34	564	DWals24	Combination	-30.544	40.2936	1651.9644	0	0	0
Base	34	564	DWals25	Combination	-25.1114	56.3118	1660.4923	0	0	0
Base	34	564	DWals26	Combination	-25.898	27.5099	1525.4442	0	0	0
Base	35	571	Dead	LinStatic	-25.2646	6.576	1698.5723	0	0	0
Base	35	571	Live	LinStatic	-5.8597	1.1399	205.9233	0	0	0
Base	35	571	windx	LinStatic	0.4065	-1.267	0.3164	0	0	0
Base	35	571	windy	LinStatic	0.5252	-0.1892	-2.0805	0	0	0
Base	35	571	seismic x	LinStatic	7.4937	-1.2316	56.7084	0	0	0
Base	35	571	seismic y	LinStatic	-2.0834	14.848	-2.8859	0	0	0
Base	35	571	1.5(DL+LL)	Combination	-46.6864	11.5738	2856.7434	0	0	0
Base	35	571	1.5(DL+EQ:-X)	Combination	-26.6564	8.0166	2632.921	0	0	0
Base	35	571	1.5(DL+EQ:-Y)	Combination	-49.1374	11.7114	2462.796	0	0	0
Base	35	571	1.5(DL+EQ:+X)	Combination	-41.022	32.1359	2543.5296	0	0	0
Base	35	571	1.5(DL+EQ:+Y)	Combination	-34.7718	-12.4079	2552.1874	0	0	0
Base	35	571	1.5(DL+WL:-X)	Combination	-37.2872	7.9634	2548.3331	0	0	0
Base	35	571	1.5(DL+WL:-Y)	Combination	-38.5066	11.7646	2547.3839	0	0	0
Base	35	571	1.5(DL+WL:+X)	Combination	-37.1092	9.5802	2544.7377	0	0	0
Base	35	571	1.5(DL+WL:+Y)	Combination	-38.6846	10.1477	2550.9793	0	0	0
Base	35	571	1.2(DL+LL+WL:-X)	Combination	-36.8613	7.7386	2285.7745	0	0	0
Base	35	571	1.2(DL+LL+WL:-Y)	Combination	-37.8369	10.7795	2285.015	0	0	0
Base	35	571	1.2(DL+LL+WL:+X)	Combination	-36.7189	9.0321	2282.8981	0	0	0
Base	35	571	1.2(DL+LL+WL:+Y)	Combination	-37.9793	9.4861	2287.8914	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	35	571	1.2(DL+LL+EQ;+X)	Combination	-28.3567	7.7811	2353.4448	0	0	0
Base	35	571	1.2(DL+LL+EQ;-X)	Combination	-46.3415	10.737	2217.3447	0	0	0
Base	35	571	1.2(DL+LL+EQ;+Y)	Combination	-39.8492	27.0766	2281.9316	0	0	0
Base	35	571	1.2(DL+LL+EQ;-Y)	Combination	-34.849	-8.5585	2288.8579	0	0	0
Base	35	571	0.9DL+1.5EQ+X	Combination	-11.4976	4.071	1613.7776	0	0	0
Base	35	571	0.9DL+1.5EQ-X	Combination	-33.9787	7.7658	1443.6526	0	0	0
Base	35	571	0.9DL+1.5EQY+	Combination	-25.8633	28.1903	1524.3862	0	0	0
Base	35	571	0.9DL+1.5EQY-	Combination	-19.613	-16.3535	1533.044	0	0	0
Base	35	571	DWals1	Combination	-37.8969	9.864	2547.8585	0	0	0
Base	35	571	DWals2	Combination	-46.6864	11.5738	2856.7434	0	0	0
Base	35	571	DWals3	Combination	-36.8613	7.7386	2285.7745	0	0	0
Base	35	571	DWals4	Combination	-37.8369	10.7795	2285.015	0	0	0
Base	35	571	DWals5	Combination	-36.7189	9.0321	2282.8981	0	0	0
Base	35	571	DWals6	Combination	-37.9793	9.4861	2287.8914	0	0	0
Base	35	571	DWals7	Combination	-37.2872	7.9634	2548.3331	0	0	0
Base	35	571	DWals8	Combination	-38.5066	11.7646	2547.3839	0	0	0
Base	35	571	DWals9	Combination	-37.1092	9.5802	2544.7377	0	0	0
Base	35	571	DWals10	Combination	-38.6846	10.1477	2550.9793	0	0	0
Base	35	571	DWals11	Combination	-22.1284	4.0178	1529.1897	0	0	0
Base	35	571	DWals12	Combination	-23.3479	7.819	1528.2405	0	0	0
Base	35	571	DWals13	Combination	-21.9504	5.6346	1525.5943	0	0	0
Base	35	571	DWals14	Combination	-23.5259	6.2022	1531.8359	0	0	0
Base	35	571	DWals15	Combination	-28.3567	7.7811	2353.4448	0	0	0
Base	35	571	DWals16	Combination	-46.3415	10.737	2217.3447	0	0	0
Base	35	571	DWals17	Combination	-39.8492	27.0766	2281.9316	0	0	0
Base	35	571	DWals18	Combination	-34.849	-8.5585	2288.8579	0	0	0
Base	35	571	DWals19	Combination	-26.6564	8.0166	2632.921	0	0	0
Base	35	571	DWals20	Combination	-49.1374	11.7114	2462.796	0	0	0
Base	35	571	DWals21	Combination	-41.022	32.1359	2543.5296	0	0	0
Base	35	571	DWals22	Combination	-34.7718	-12.4079	2552.1874	0	0	0
Base	35	571	DWals23	Combination	-11.4976	4.071	1613.7776	0	0	0
Base	35	571	DWals24	Combination	-33.9787	7.7658	1443.6526	0	0	0
Base	35	571	DWals25	Combination	-25.8633	28.1903	1524.3862	0	0	0
Base	35	571	DWals26	Combination	-19.613	-16.3535	1533.044	0	0	0
Base	36	192	Dead	LinStatic	-21.9221	-61.3277	1030.0849	-19.8315	-5.3919	-1.4687
Base	36	192	Live	LinStatic	-2.1124	-9.7358	96.5939	-5.179	0.3153	0.0169
Base	36	192	windx	LinStatic	0.6399	8.6142	-2.2877	-7.0154	-0.107	0.0343
Base	36	192	windy	LinStatic	3.186	-0.044	-1.8386	-0.1484	2.0736	0.0703
Base	36	192	seismic x	LinStatic	-33.0932	1.8384	46.7946	-2.0228	-35.3036	-0.4874
Base	36	192	seismic y	LinStatic	-6.6346	-53.9166	34.878	50.9153	-2.1754	0.1324
Base	36	192	1.5(DL+LL)	Combination	-36.0518	-106.5952	1690.0182	-37.5158	-7.6148	-2.1777
Base	36	192	1.5(DL+EQ;+X)	Combination	-82.523	-89.2339	1615.3193	-32.7814	-61.0432	-2.9341
Base	36	192	1.5(DL+EQ;-X)	Combination	16.7566	-94.7492	1474.9355	-26.7129	44.8676	-1.472
Base	36	192	1.5(DL+EQ;+Y)	Combination	-42.8351	-172.8665	1597.4444	46.6258	-11.3509	-2.0044
Base	36	192	1.5(DL+EQ;-Y)	Combination	-22.9313	-11.1166	1492.8104	-106.1202	-4.8247	-2.4016

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	36	192	1.5(DL+WL:+X)	Combination	-31.9234	-79.0703	1541.6958	-40.2703	-8.2483	-2.1515
Base	36	192	1.5(DL+WL:-X)	Combination	-33.843	-104.9128	1548.559	-19.2241	-7.9273	-2.2545
Base	36	192	1.5(DL+WL:+Y)	Combination	-28.1042	-92.0576	1542.3695	-29.9698	-4.9774	-2.0976
Base	36	192	1.5(DL+WL:-Y)	Combination	-37.6622	-91.9255	1547.8853	-29.5246	-11.1982	-2.3085
Base	36	192	1.2(DL+LL+WL:+X)	Combination	-28.0736	-74.9392	1349.2693	-38.4311	-6.2202	-1.7009
Base	36	192	1.2(DL+LL+WL:-X)	Combination	-29.6092	-95.6132	1354.7599	-21.5942	-5.9634	-1.7833
Base	36	192	1.2(DL+LL+WL:+Y)	Combination	-25.0182	-85.329	1349.8083	-30.1907	-3.6035	-1.6577
Base	36	192	1.2(DL+LL+WL:-Y)	Combination	-32.6646	-85.2234	1354.2209	-29.8346	-8.5802	-1.8265
Base	36	192	1.2(DL+LL+EQ:+X)	Combination	-68.5533	-83.0701	1408.1681	-32.44	-48.4562	-2.327
Base	36	192	1.2(DL+LL+EQ:-X)	Combination	10.8705	-87.4823	1295.8611	-27.5852	36.2725	-1.1573
Base	36	192	1.2(DL+LL+EQ:+Y)	Combination	-36.8029	-149.9761	1393.8682	31.0858	-8.7023	-1.5832
Base	36	192	1.2(DL+LL+EQ:-Y)	Combination	-20.8799	-20.5762	1310.161	-91.111	-3.4813	-1.901
Base	36	192	0.9DL+1.5EQ+X	Combination	-69.3697	-52.4373	997.2683	-20.8826	-57.8081	-2.0529
Base	36	192	0.9DL+1.5EQ-X	Combination	29.9099	-57.9525	856.8846	-14.8141	48.1027	-0.5907
Base	36	192	0.9DL+1.5EQY+	Combination	-29.6819	-136.0699	979.3935	58.5247	-8.1158	-1.1232
Base	36	192	0.9DL+1.5EQY-	Combination	-9.778	25.68	874.7594	-94.2213	-1.5896	-1.5204
Base	36	192	DWals1	Combination	-32.8832	-91.9915	1545.1274	-29.7472	-8.0878	-2.203
Base	36	192	DWals2	Combination	-36.0518	-106.5952	1690.0182	-37.5158	-7.6148	-2.1777
Base	36	192	DWals3	Combination	-28.0736	-74.9392	1349.2693	-38.4311	-6.2202	-1.7009
Base	36	192	DWals4	Combination	-29.6092	-95.6132	1354.7599	-21.5942	-5.9634	-1.7833
Base	36	192	DWals5	Combination	-25.0182	-85.329	1349.8083	-30.1907	-3.6035	-1.6577
Base	36	192	DWals6	Combination	-32.6646	-85.2234	1354.2209	-29.8346	-8.5802	-1.8265
Base	36	192	DWals7	Combination	-31.9234	-79.0703	1541.6958	-40.2703	-8.2483	-2.1515
Base	36	192	DWals8	Combination	-33.843	-104.9128	1548.559	-19.2241	-7.9273	-2.2545
Base	36	192	DWals9	Combination	-28.1042	-92.0576	1542.3695	-29.9698	-4.9774	-2.0976
Base	36	192	DWals10	Combination	-37.6622	-91.9255	1547.8853	-29.5246	-11.1982	-2.3085
Base	36	192	DWals11	Combination	-18.7701	-42.2737	923.6449	-28.3714	-5.0132	-1.2703
Base	36	192	DWals12	Combination	-20.6897	-68.1162	930.508	-7.3253	-4.6922	-1.3733
Base	36	192	DWals13	Combination	-14.9509	-55.261	924.3185	-18.0709	-1.7423	-1.2163
Base	36	192	DWals14	Combination	-24.5089	-55.1289	929.8344	-17.6258	-7.9631	-1.4273
Base	36	192	DWals15	Combination	-68.5533	-83.0701	1408.1681	-32.44	-48.4562	-2.327
Base	36	192	DWals16	Combination	10.8705	-87.4823	1295.8611	-27.5852	36.2725	-1.1573
Base	36	192	DWals17	Combination	-36.8029	-149.9761	1393.8682	31.0858	-8.7023	-1.5832
Base	36	192	DWals18	Combination	-20.8799	-20.5762	1310.161	-91.111	-3.4813	-1.901
Base	36	192	DWals19	Combination	-82.523	-89.2339	1615.3193	-32.7814	-61.0432	-2.9341
Base	36	192	DWals20	Combination	16.7566	-94.7492	1474.9355	-26.7129	44.8676	-1.472
Base	36	192	DWals21	Combination	-42.8351	-172.8665	1597.4444	46.6258	-11.3509	-2.0044
Base	36	192	DWals22	Combination	-22.9313	-11.1166	1492.8104	-106.1202	-4.8247	-2.4016
Base	36	192	DWals23	Combination	-69.3697	-52.4373	997.2683	-20.8826	-57.8081	-2.0529
Base	36	192	DWals24	Combination	29.9099	-57.9525	856.8846	-14.8141	48.1027	-0.5907
Base	36	192	DWals25	Combination	-29.6819	-136.0699	979.3935	58.5247	-8.1158	-1.1232
Base	36	192	DWals26	Combination	-9.778	25.68	874.7594	-94.2213	-1.5896	-1.5204
Base	37	200	Dead	LinStatic	12.3085	39.3279	1021.4136	33.7971	-6.3287	-1.3334
Base	37	200	Live	LinStatic	2.7369	10.0312	97.6129	5.246	-0.005	0.0117
Base	37	200	windx	LinStatic	-0.2255	2.3053	2.482	-3.1198	-0.5618	-0.0021

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	37	200	windy	LinStatic	2.7146	0.1806	1.3426	-0.0302	3.0804	-0.0247
Base	37	200	seismic x	LinStatic	-35.8495	5.752	-44.4052	-3.2338	-36.1692	0.5037
Base	37	200	seismic y	LinStatic	4.1992	-51.0778	-32.4099	47.8007	6.3991	0.1461
Base	37	200	1.5(DL+LL)	Combination	22.5681	74.0386	1678.5397	58.5647	-9.5005	-1.9825
Base	37	200	1.5(DL+EQ:+X)	Combination	-35.3116	67.6198	1465.5126	45.845	-63.7468	-1.2446
Base	37	200	1.5(DL+EQ:-X)	Combination	72.237	50.3639	1598.7281	55.5463	44.7607	-2.7556
Base	37	200	1.5(DL+EQ:+Y)	Combination	24.7615	-17.6249	1483.5056	122.3968	0.1056	-1.7809
Base	37	200	1.5(DL+EQ:-Y)	Combination	12.1639	135.6085	1580.7352	-21.0055	-19.0916	-2.2192
Base	37	200	1.5(DL+WL:+X)	Combination	18.1244	62.4498	1535.8434	46.016	-10.3358	-2.0033
Base	37	200	1.5(DL+WL:-X)	Combination	18.801	55.5339	1528.3974	55.3753	-8.6503	-1.9969
Base	37	200	1.5(DL+WL:+Y)	Combination	22.5346	59.2627	1534.1342	50.6504	-4.8724	-2.0371
Base	37	200	1.5(DL+WL:-Y)	Combination	14.3908	58.7209	1530.1065	50.7409	-14.1136	-1.963
Base	37	200	1.2(DL+LL+WL:+X)	Combination	17.7838	61.9973	1345.8102	43.1081	-8.2746	-1.5885
Base	37	200	1.2(DL+LL+WL:-X)	Combination	18.3251	56.4646	1339.8534	50.5955	-6.9262	-1.5834
Base	37	200	1.2(DL+LL+WL:+Y)	Combination	21.312	59.4476	1344.4428	46.8155	-3.9039	-1.6156
Base	37	200	1.2(DL+LL+WL:-Y)	Combination	14.7969	59.0142	1341.2207	46.888	-11.2969	-1.5563
Base	37	200	1.2(DL+LL+EQ:+X)	Combination	-24.965	66.1333	1289.5456	42.9712	-51.0034	-0.9816
Base	37	200	1.2(DL+LL+EQ:-X)	Combination	61.0739	52.3285	1396.118	50.7323	35.8026	-2.1904
Base	37	200	1.2(DL+LL+EQ:+Y)	Combination	23.0935	-2.0624	1303.9399	104.2126	0.0785	-1.4107
Base	37	200	1.2(DL+LL+EQ:-Y)	Combination	13.0154	120.5243	1381.7236	-10.5091	-15.2793	-1.7613
Base	37	200	0.9DL+1.5EQ+X	Combination	-42.6967	44.0231	852.6645	25.5667	-59.9496	-0.4446
Base	37	200	0.9DL+1.5EQ-X	Combination	64.8519	26.7671	985.88	35.2681	48.5579	-1.9555
Base	37	200	0.9DL+1.5EQY+	Combination	17.3764	-41.2216	870.6574	102.1185	3.9028	-0.9809
Base	37	200	0.9DL+1.5EQY-	Combination	4.7788	112.0118	967.887	-41.2837	-15.2944	-1.4192
Base	37	200	DWals1	Combination	18.4627	58.9918	1532.1204	50.6956	-9.493	-2.0001
Base	37	200	DWals2	Combination	22.5681	74.0386	1678.5397	58.5647	-9.5005	-1.9825
Base	37	200	DWals3	Combination	17.7838	61.9973	1345.8102	43.1081	-8.2746	-1.5885
Base	37	200	DWals4	Combination	18.3251	56.4646	1339.8534	50.5955	-6.9262	-1.5834
Base	37	200	DWals5	Combination	21.312	59.4476	1344.4428	46.8155	-3.9039	-1.6156
Base	37	200	DWals6	Combination	14.7969	59.0142	1341.2207	46.888	-11.2969	-1.5563
Base	37	200	DWals7	Combination	18.1244	62.4498	1535.8434	46.016	-10.3358	-2.0033
Base	37	200	DWals8	Combination	18.801	55.5339	1528.3974	55.3753	-8.6503	-1.9969
Base	37	200	DWals9	Combination	22.5346	59.2627	1534.1342	50.6504	-4.8724	-2.0371
Base	37	200	DWals10	Combination	14.3908	58.7209	1530.1065	50.7409	-14.1136	-1.963
Base	37	200	DWals11	Combination	10.7393	38.853	922.9952	25.7378	-6.5386	-1.2032
Base	37	200	DWals12	Combination	11.4159	31.9372	915.5492	35.097	-4.8531	-1.1969
Base	37	200	DWals13	Combination	15.1495	35.666	921.2861	30.3721	-1.0752	-1.2371
Base	37	200	DWals14	Combination	7.0057	35.1242	917.2584	30.4627	-10.3164	-1.163
Base	37	200	DWals15	Combination	-24.965	66.1333	1289.5456	42.9712	-51.0034	-0.9816
Base	37	200	DWals16	Combination	61.0739	52.3285	1396.118	50.7323	35.8026	-2.1904
Base	37	200	DWals17	Combination	23.0935	-2.0624	1303.9399	104.2126	0.0785	-1.4107
Base	37	200	DWals18	Combination	13.0154	120.5243	1381.7236	-10.5091	-15.2793	-1.7613
Base	37	200	DWals19	Combination	-35.3116	67.6198	1465.5126	45.845	-63.7468	-1.2446
Base	37	200	DWals20	Combination	72.237	50.3639	1598.7281	55.5463	44.7607	-2.7556
Base	37	200	DWals21	Combination	24.7615	-17.6249	1483.5056	122.3968	0.1056	-1.7809

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	37	200	DWals22	Combination	12.1639	135.6085	1580.7352	-21.0055	-19.0916	-2.2192
Base	37	200	DWals23	Combination	-42.6967	44.0231	852.6645	25.5667	-59.9496	-0.4446
Base	37	200	DWals24	Combination	64.8519	26.7671	985.88	35.2681	48.5579	-1.9555
Base	37	200	DWals25	Combination	17.3764	-41.2216	870.6574	102.1185	3.9028	-0.9809
Base	37	200	DWals26	Combination	4.7788	112.0118	967.887	-41.2837	-15.2944	-1.4192
Base	38	601	Dead	LinStatic	36.1402	-11.5752	1948.7268	0	0	0
Base	38	601	Live	LinStatic	9.8307	-9.3743	207.0384	0	0	0
Base	38	601	windx	LinStatic	0.2658	-1.6309	-0.3515	0	0	0
Base	38	601	windy	LinStatic	-0.7658	0.1727	1.9931	0	0	0
Base	38	601	seismic x	LinStatic	8.7142	0.2342	13.3267	0	0	0
Base	38	601	seismic y	LinStatic	-2.2322	13.408	-0.5847	0	0	0
Base	38	601	1.5(DL+LL)	Combination	68.9563	-31.4242	3233.6477	0	0	0
Base	38	601	1.5(DL+EQ:+X)	Combination	67.2816	-17.0114	2943.0803	0	0	0
Base	38	601	1.5(DL+EQ:-X)	Combination	41.139	-17.7141	2903.1001	0	0	0
Base	38	601	1.5(DL+EQ:+Y)	Combination	50.862	2.7493	2922.2132	0	0	0
Base	38	601	1.5(DL+EQ:-Y)	Combination	57.5586	-37.4748	2923.9672	0	0	0
Base	38	601	1.5(DL+WL:+X)	Combination	54.609	-19.8091	2922.563	0	0	0
Base	38	601	1.5(DL+WL:-X)	Combination	53.8116	-14.9164	2923.6174	0	0	0
Base	38	601	1.5(DL+WL:+Y)	Combination	53.0616	-17.1037	2926.0799	0	0	0
Base	38	601	1.5(DL+WL:-Y)	Combination	55.359	-17.6219	2920.1005	0	0	0
Base	38	601	1.2(DL+LL+WL:+X)	Combination	55.484	-27.0965	2586.4964	0	0	0
Base	38	601	1.2(DL+LL+WL:-X)	Combination	54.8461	-23.1823	2587.3399	0	0	0
Base	38	601	1.2(DL+LL+WL:+Y)	Combination	54.2461	-24.9321	2589.3099	0	0	0
Base	38	601	1.2(DL+LL+WL:-Y)	Combination	56.084	-25.3467	2584.5265	0	0	0
Base	38	601	1.2(DL+LL+EQ:+X)	Combination	65.6221	-24.8583	2602.9103	0	0	0
Base	38	601	1.2(DL+LL+EQ:-X)	Combination	44.708	-25.4205	2570.9261	0	0	0
Base	38	601	1.2(DL+LL+EQ:+Y)	Combination	52.4864	-9.0497	2586.2166	0	0	0
Base	38	601	1.2(DL+LL+EQ:-Y)	Combination	57.8437	-41.229	2587.6198	0	0	0
Base	38	601	0.9DL+1.5EQ+X	Combination	45.5975	-10.0663	1773.8442	0	0	0
Base	38	601	0.9DL+1.5EQ-X	Combination	19.4549	-10.769	1733.864	0	0	0
Base	38	601	0.9DL+1.5EQY+	Combination	29.1779	9.6944	1752.9771	0	0	0
Base	38	601	0.9DL+1.5EQY-	Combination	35.8745	-30.5297	1754.7311	0	0	0
Base	38	601	DWals1	Combination	54.2103	-17.3628	2923.0902	0	0	0
Base	38	601	DWals2	Combination	68.9563	-31.4242	3233.6477	0	0	0
Base	38	601	DWals3	Combination	55.484	-27.0965	2586.4964	0	0	0
Base	38	601	DWals4	Combination	54.8461	-23.1823	2587.3399	0	0	0
Base	38	601	DWals5	Combination	54.2461	-24.9321	2589.3099	0	0	0
Base	38	601	DWals6	Combination	56.084	-25.3467	2584.5265	0	0	0
Base	38	601	DWals7	Combination	54.609	-19.8091	2922.563	0	0	0
Base	38	601	DWals8	Combination	53.8116	-14.9164	2923.6174	0	0	0
Base	38	601	DWals9	Combination	53.0616	-17.1037	2926.0799	0	0	0
Base	38	601	DWals10	Combination	55.359	-17.6219	2920.1005	0	0	0
Base	38	601	DWals11	Combination	32.9249	-12.864	1753.3269	0	0	0
Base	38	601	DWals12	Combination	32.1275	-7.9713	1754.3813	0	0	0
Base	38	601	DWals13	Combination	31.3775	-10.1586	1756.8438	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	38	601	DWals14	Combination	33.6749	-10.6768	1750.8644	0	0	0
Base	38	601	DWals15	Combination	65.6221	-24.8583	2602.9103	0	0	0
Base	38	601	DWals16	Combination	44.708	-25.4205	2570.9261	0	0	0
Base	38	601	DWals17	Combination	52.4864	-9.0497	2586.2166	0	0	0
Base	38	601	DWals18	Combination	57.8437	-41.229	2587.6198	0	0	0
Base	38	601	DWals19	Combination	67.2816	-17.0114	2943.0803	0	0	0
Base	38	601	DWals20	Combination	41.139	-17.7141	2903.1001	0	0	0
Base	38	601	DWals21	Combination	50.862	2.7493	2922.2132	0	0	0
Base	38	601	DWals22	Combination	57.5586	-37.4748	2923.9672	0	0	0
Base	38	601	DWals23	Combination	45.5975	-10.0663	1773.8442	0	0	0
Base	38	601	DWals24	Combination	19.4549	-10.769	1733.864	0	0	0
Base	38	601	DWals25	Combination	29.1779	9.6944	1752.9771	0	0	0
Base	38	601	DWals26	Combination	35.8745	-30.5297	1754.7311	0	0	0
Base	39	617	Dead	LinStatic	-3.9262	-57.3677	2265.5804	0	0	0
Base	39	617	Live	LinStatic	4.811	-3.1899	239.9832	0	0	0
Base	39	617	windx	LinStatic	0.0085	-1.6648	2.5999	0	0	0
Base	39	617	windy	LinStatic	-1.2073	0.319	-13.7314	0	0	0
Base	39	617	seismic x	LinStatic	19.9128	-6.7373	312.0013	0	0	0
Base	39	617	seismic y	LinStatic	-1.7524	15.9727	-46.2234	0	0	0
Base	39	617	1.5(DL+LL)	Combination	1.3272	-90.8365	3758.3454	0	0	0
Base	39	617	1.5(DL+EQ:+X)	Combination	23.9799	-96.1576	3866.3726	0	0	0
Base	39	617	1.5(DL+EQ:-X)	Combination	-35.7585	-75.9456	2930.3686	0	0	0
Base	39	617	1.5(DL+EQ:+Y)	Combination	-8.5179	-62.0926	3329.0355	0	0	0
Base	39	617	1.5(DL+EQ:-Y)	Combination	-3.2608	-110.0106	3467.7057	0	0	0
Base	39	617	1.5(DL+WL:+X)	Combination	-5.8765	-88.5488	3402.2705	0	0	0
Base	39	617	1.5(DL+WL:-X)	Combination	-5.9021	-83.5544	3394.4707	0	0	0
Base	39	617	1.5(DL+WL:+Y)	Combination	-7.7003	-85.5731	3377.7734	0	0	0
Base	39	617	1.5(DL+WL:-Y)	Combination	-4.0784	-86.5301	3418.9677	0	0	0
Base	39	617	1.2(DL+LL+WL:+X)	Combination	1.072	-74.6669	3009.7962	0	0	0
Base	39	617	1.2(DL+LL+WL:-X)	Combination	1.0515	-70.6714	3003.5564	0	0	0
Base	39	617	1.2(DL+LL+WL:+Y)	Combination	-0.387	-72.2864	2990.1986	0	0	0
Base	39	617	1.2(DL+LL+WL:-Y)	Combination	2.5105	-73.052	3023.154	0	0	0
Base	39	617	1.2(DL+LL+EQ:+X)	Combination	24.9571	-80.754	3381.0779	0	0	0
Base	39	617	1.2(DL+LL+EQ:-X)	Combination	-22.8336	-64.5844	2632.2747	0	0	0
Base	39	617	1.2(DL+LL+EQ:+Y)	Combination	-1.0411	-53.5019	2951.2082	0	0	0
Base	39	617	1.2(DL+LL+EQ:-Y)	Combination	3.1646	-91.8364	3062.1444	0	0	0
Base	39	617	0.9DL+1.5EQ+X	Combination	26.3356	-61.737	2507.0244	0	0	0
Base	39	617	0.9DL+1.5EQ-X	Combination	-33.4028	-41.5249	1571.0204	0	0	0
Base	39	617	0.9DL+1.5EQY+	Combination	-6.1621	-27.6719	1969.6873	0	0	0
Base	39	617	0.9DL+1.5EQY-	Combination	-0.905	-75.59	2108.3575	0	0	0
Base	39	617	DWals1	Combination	-5.8893	-86.0516	3398.3706	0	0	0
Base	39	617	DWals2	Combination	1.3272	-90.8365	3758.3454	0	0	0
Base	39	617	DWals3	Combination	1.072	-74.6669	3009.7962	0	0	0
Base	39	617	DWals4	Combination	1.0515	-70.6714	3003.5564	0	0	0
Base	39	617	DWals5	Combination	-0.387	-72.2864	2990.1986	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	39	617	DWals6	Combination	2.5105	-73.052	3023.154	0	0	0
Base	39	617	DWals7	Combination	-5.8765	-88.5488	3402.2705	0	0	0
Base	39	617	DWals8	Combination	-5.9021	-83.5544	3394.4707	0	0	0
Base	39	617	DWals9	Combination	-7.7003	-85.5731	3377.7734	0	0	0
Base	39	617	DWals10	Combination	-4.0784	-86.5301	3418.9677	0	0	0
Base	39	617	DWals11	Combination	-3.5208	-54.1282	2042.9223	0	0	0
Base	39	617	DWals12	Combination	-3.5464	-49.1337	2035.1225	0	0	0
Base	39	617	DWals13	Combination	-5.3445	-51.1525	2018.4252	0	0	0
Base	39	617	DWals14	Combination	-1.7226	-52.1095	2059.6195	0	0	0
Base	39	617	DWals15	Combination	24.9571	-80.754	3381.0779	0	0	0
Base	39	617	DWals16	Combination	-22.8336	-64.5844	2632.2747	0	0	0
Base	39	617	DWals17	Combination	-1.0411	-53.5019	2951.2082	0	0	0
Base	39	617	DWals18	Combination	3.1646	-91.8364	3062.1444	0	0	0
Base	39	617	DWals19	Combination	23.9799	-96.1576	3866.3726	0	0	0
Base	39	617	DWals20	Combination	-35.7585	-75.9456	2930.3686	0	0	0
Base	39	617	DWals21	Combination	-8.5179	-62.0926	3329.0355	0	0	0
Base	39	617	DWals22	Combination	-3.2608	-110.0106	3467.7057	0	0	0
Base	39	617	DWals23	Combination	26.3356	-61.737	2507.0244	0	0	0
Base	39	617	DWals24	Combination	-33.4028	-41.5249	1571.0204	0	0	0
Base	39	617	DWals25	Combination	-6.1621	-27.6719	1969.6873	0	0	0
Base	39	617	DWals26	Combination	-0.905	-75.59	2108.3575	0	0	0
Base	40	626	Dead	LinStatic	35.0434	45.6916	1783.4311	0	0	0
Base	40	626	Live	LinStatic	6.4034	8.6723	209.6904	0	0	0
Base	40	626	windx	LinStatic	-0.1398	-0.7584	-3.2344	0	0	0
Base	40	626	windy	LinStatic	-0.4564	-0.2935	-1.0359	0	0	0
Base	40	626	seismic x	LinStatic	6.5046	-0.2861	32.6586	0	0	0
Base	40	626	seismic y	LinStatic	1.0471	9.999	46.2488	0	0	0
Base	40	626	1.5(DL+LL)	Combination	62.1702	81.5459	2989.6823	0	0	0
Base	40	626	1.5(DL+EQ:+X)	Combination	62.322	68.1083	2724.1346	0	0	0
Base	40	626	1.5(DL+EQ:-X)	Combination	42.8083	68.9666	2626.1588	0	0	0
Base	40	626	1.5(DL+EQ:+Y)	Combination	54.1357	83.5359	2744.5198	0	0	0
Base	40	626	1.5(DL+EQ:-Y)	Combination	50.9946	53.539	2605.7735	0	0	0
Base	40	626	1.5(DL+WL:+X)	Combination	52.3554	67.3998	2670.295	0	0	0
Base	40	626	1.5(DL+WL:-X)	Combination	52.7748	69.6751	2679.9983	0	0	0
Base	40	626	1.5(DL+WL:+Y)	Combination	51.8805	68.0971	2673.5928	0	0	0
Base	40	626	1.5(DL+WL:-Y)	Combination	53.2498	68.9778	2676.7005	0	0	0
Base	40	626	1.2(DL+LL+WL:+X)	Combination	49.5684	64.3266	2387.8645	0	0	0
Base	40	626	1.2(DL+LL+WL:-X)	Combination	49.9039	66.1468	2395.6272	0	0	0
Base	40	626	1.2(DL+LL+WL:+Y)	Combination	49.1884	64.8844	2390.5028	0	0	0
Base	40	626	1.2(DL+LL+WL:-Y)	Combination	50.2839	65.5889	2392.9889	0	0	0
Base	40	626	1.2(DL+LL+EQ:+X)	Combination	57.5416	64.8934	2430.9361	0	0	0
Base	40	626	1.2(DL+LL+EQ:-X)	Combination	41.9307	65.58	2352.5555	0	0	0
Base	40	626	1.2(DL+LL+EQ:+Y)	Combination	50.9926	77.2355	2447.2444	0	0	0
Base	40	626	1.2(DL+LL+EQ:-Y)	Combination	48.4797	53.2379	2336.2473	0	0	0
Base	40	626	0.9DL+1.5EQ+X	Combination	41.2959	40.6934	1654.0759	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	40	626	0.9DL+1.5EQ-X	Combination	21.7822	41.5516	1556.1001	0	0	0
Base	40	626	0.9DL+1.5EQY+	Combination	33.1097	56.1209	1674.4612	0	0	0
Base	40	626	0.9DL+1.5EQY-	Combination	29.9685	26.124	1535.7148	0	0	0
Base	40	626	DWals1	Combination	52.5651	68.5375	2675.1467	0	0	0
Base	40	626	DWals2	Combination	62.1702	81.5459	2989.6823	0	0	0
Base	40	626	DWals3	Combination	49.5684	64.3266	2387.8645	0	0	0
Base	40	626	DWals4	Combination	49.9039	66.1468	2395.6272	0	0	0
Base	40	626	DWals5	Combination	49.1884	64.8844	2390.5028	0	0	0
Base	40	626	DWals6	Combination	50.2839	65.5889	2392.9889	0	0	0
Base	40	626	DWals7	Combination	52.3554	67.3998	2670.295	0	0	0
Base	40	626	DWals8	Combination	52.7748	69.6751	2679.9983	0	0	0
Base	40	626	DWals9	Combination	51.8805	68.0971	2673.5928	0	0	0
Base	40	626	DWals10	Combination	53.2498	68.9778	2676.7005	0	0	0
Base	40	626	DWals11	Combination	31.3294	39.9848	1600.2363	0	0	0
Base	40	626	DWals12	Combination	31.7488	42.2601	1609.9397	0	0	0
Base	40	626	DWals13	Combination	30.8544	40.6822	1603.5342	0	0	0
Base	40	626	DWals14	Combination	32.2237	41.5628	1606.6418	0	0	0
Base	40	626	DWals15	Combination	57.5416	64.8934	2430.9361	0	0	0
Base	40	626	DWals16	Combination	41.9307	65.58	2352.5555	0	0	0
Base	40	626	DWals17	Combination	50.9926	77.2355	2447.2444	0	0	0
Base	40	626	DWals18	Combination	48.4797	53.2379	2336.2473	0	0	0
Base	40	626	DWals19	Combination	62.322	68.1083	2724.1346	0	0	0
Base	40	626	DWals20	Combination	42.8083	68.9666	2626.1588	0	0	0
Base	40	626	DWals21	Combination	54.1357	83.5359	2744.5198	0	0	0
Base	40	626	DWals22	Combination	50.9946	53.539	2605.7735	0	0	0
Base	40	626	DWals23	Combination	41.2959	40.6934	1654.0759	0	0	0
Base	40	626	DWals24	Combination	21.7822	41.5516	1556.1001	0	0	0
Base	40	626	DWals25	Combination	33.1097	56.1209	1674.4612	0	0	0
Base	40	626	DWals26	Combination	29.9685	26.124	1535.7148	0	0	0
Base	41	635	Dead	LinStatic	31.008	5.9351	1689.139	0	0	0
Base	41	635	Live	LinStatic	6.2562	1.042	206.8847	0	0	0
Base	41	635	windx	LinStatic	-0.593	-1.2154	0.1476	0	0	0
Base	41	635	windy	LinStatic	-1.5099	-0.5915	2.4725	0	0	0
Base	41	635	seismic x	LinStatic	5.3618	-1.1694	-56.9661	0	0	0
Base	41	635	seismic y	LinStatic	3.9983	14.2148	-5.2534	0	0	0
Base	41	635	1.5(DL+LL)	Combination	55.8962	10.4657	2844.0354	0	0	0
Base	41	635	1.5(DL+EQ:+X)	Combination	54.5546	7.1486	2448.2593	0	0	0
Base	41	635	1.5(DL+EQ:-X)	Combination	38.4692	10.6567	2619.1576	0	0	0
Base	41	635	1.5(DL+EQ:+Y)	Combination	52.5093	30.2248	2525.8284	0	0	0
Base	41	635	1.5(DL+EQ:-Y)	Combination	40.5145	-12.4195	2541.5885	0	0	0
Base	41	635	1.5(DL+WL:+X)	Combination	45.6224	7.0795	2533.9298	0	0	0
Base	41	635	1.5(DL+WL:-X)	Combination	47.4014	10.7258	2533.487	0	0	0
Base	41	635	1.5(DL+WL:+Y)	Combination	44.2471	8.0154	2537.4172	0	0	0
Base	41	635	1.5(DL+WL:-Y)	Combination	48.7767	9.7899	2529.9997	0	0	0
Base	41	635	1.2(DL+LL+WL:+X)	Combination	44.0054	6.914	2275.4055	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	41	635	1.2(DL+LL+WL:-X)	Combination	45.4286	9.831	2275.0512	0	0	0
Base	41	635	1.2(DL+LL+WL:+Y)	Combination	42.9052	7.6627	2278.1953	0	0	0
Base	41	635	1.2(DL+LL+WL:-Y)	Combination	46.5288	9.0823	2272.2614	0	0	0
Base	41	635	1.2(DL+LL+EQ:+X)	Combination	51.1512	6.9693	2206.869	0	0	0
Base	41	635	1.2(DL+LL+EQ:-X)	Combination	38.2828	9.7758	2343.5877	0	0	0
Base	41	635	1.2(DL+LL+EQ:+Y)	Combination	49.5149	25.4302	2268.9243	0	0	0
Base	41	635	1.2(DL+LL+EQ:-Y)	Combination	39.9191	-8.6852	2281.5324	0	0	0
Base	41	635	0.9DL+1.5EQ+X	Combination	35.9499	3.5875	1434.7759	0	0	0
Base	41	635	0.9DL+1.5EQ-X	Combination	19.8644	7.0956	1605.6742	0	0	0
Base	41	635	0.9DL+1.5EQY+	Combination	33.9046	26.6637	1512.345	0	0	0
Base	41	635	0.9DL+1.5EQY-	Combination	21.9098	-15.9806	1528.1051	0	0	0
Base	41	635	DWals1	Combination	46.5119	8.9027	2533.7084	0	0	0
Base	41	635	DWals2	Combination	55.8962	10.4657	2844.0354	0	0	0
Base	41	635	DWals3	Combination	44.0054	6.914	2275.4055	0	0	0
Base	41	635	DWals4	Combination	45.4286	9.831	2275.0512	0	0	0
Base	41	635	DWals5	Combination	42.9052	7.6627	2278.1953	0	0	0
Base	41	635	DWals6	Combination	46.5288	9.0823	2272.2614	0	0	0
Base	41	635	DWals7	Combination	45.6224	7.0795	2533.9298	0	0	0
Base	41	635	DWals8	Combination	47.4014	10.7258	2533.487	0	0	0
Base	41	635	DWals9	Combination	44.2471	8.0154	2537.4172	0	0	0
Base	41	635	DWals10	Combination	48.7767	9.7899	2529.9997	0	0	0
Base	41	635	DWals11	Combination	27.0177	3.5185	1520.4465	0	0	0
Base	41	635	DWals12	Combination	28.7966	7.1647	1520.0036	0	0	0
Base	41	635	DWals13	Combination	25.6424	4.4543	1523.9338	0	0	0
Base	41	635	DWals14	Combination	30.1719	6.2289	1516.5163	0	0	0
Base	41	635	DWals15	Combination	51.1512	6.9693	2206.869	0	0	0
Base	41	635	DWals16	Combination	38.2828	9.7758	2343.5877	0	0	0
Base	41	635	DWals17	Combination	49.5149	25.4302	2268.9243	0	0	0
Base	41	635	DWals18	Combination	39.9191	-8.6852	2281.5324	0	0	0
Base	41	635	DWals19	Combination	54.5546	7.1486	2448.2593	0	0	0
Base	41	635	DWals20	Combination	38.4692	10.6567	2619.1576	0	0	0
Base	41	635	DWals21	Combination	52.5093	30.2248	2525.8284	0	0	0
Base	41	635	DWals22	Combination	40.5145	-12.4195	2541.5885	0	0	0
Base	41	635	DWals23	Combination	35.9499	3.5875	1434.7759	0	0	0
Base	41	635	DWals24	Combination	19.8644	7.0956	1605.6742	0	0	0
Base	41	635	DWals25	Combination	33.9046	26.6637	1512.345	0	0	0
Base	41	635	DWals26	Combination	21.9098	-15.9806	1528.1051	0	0	0
Base	42	230	Dead	LinStatic	10.4432	-61.6782	1015.5745	-19.9699	-9.4557	-1.5125
Base	42	230	Live	LinStatic	2.6221	-9.7861	96.4422	-5.1587	-0.1953	-0.0073
Base	42	230	windx	LinStatic	-0.0849	8.3704	-2.6123	-6.7751	0.6531	-0.0604
Base	42	230	windy	LinStatic	2.0854	-0.004	2.2219	-0.4282	3.5655	-0.0165
Base	42	230	seismic x	LinStatic	-33.2029	-1.4935	-46.6472	-0.1796	-32.6862	-0.5846
Base	42	230	seismic y	LinStatic	-2.6802	-50.7682	31.6338	47.8381	-6.5196	0.1961
Base	42	230	1.5(DL+LL)	Combination	19.598	-107.1964	1668.0251	-37.6928	-14.4766	-2.2797
Base	42	230	1.5(DL+EQ:+X)	Combination	-34.1394	-94.7575	1453.391	-30.2241	-63.2129	-3.1456

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	42	230	1.5(DL+EQ:-X)	Combination	65.4691	-90.277	1593.3326	-29.6855	34.8458	-1.3918
Base	42	230	1.5(DL+EQ:+Y)	Combination	11.6446	-168.6696	1570.8126	41.8023	-23.963	-1.9745
Base	42	230	1.5(DL+EQ:-Y)	Combination	19.6851	-16.3649	1475.9111	-101.7119	-4.4042	-2.5629
Base	42	230	1.5(DL+WL:+X)	Combination	15.5375	-79.9617	1519.4434	-40.1175	-13.2039	-2.3593
Base	42	230	1.5(DL+WL:-X)	Combination	15.7922	-105.0729	1527.2802	-19.7921	-15.1633	-2.1781
Base	42	230	1.5(DL+WL:+Y)	Combination	18.793	-92.5233	1526.6947	-30.5971	-8.8354	-2.2935
Base	42	230	1.5(DL+WL:-Y)	Combination	12.5367	-92.5112	1520.0289	-29.3125	-19.5318	-2.244
Base	42	230	1.2(DL+LL+WL:+X)	Combination	15.5765	-75.7126	1331.2854	-38.2844	-10.7975	-1.8962
Base	42	230	1.2(DL+LL+WL:-X)	Combination	15.7802	-95.8016	1337.5548	-22.0241	-12.365	-1.7513
Base	42	230	1.2(DL+LL+WL:+Y)	Combination	18.1809	-85.762	1337.0864	-30.6681	-7.3027	-1.8435
Base	42	230	1.2(DL+LL+WL:-Y)	Combination	13.1759	-85.7522	1331.7538	-29.6404	-15.8598	-1.804
Base	42	230	1.2(DL+LL+EQ:+X)	Combination	-24.1651	-87.5493	1278.4435	-30.3697	-50.8048	-2.5253
Base	42	230	1.2(DL+LL+EQ:-X)	Combination	55.5218	-83.9649	1390.3967	-29.9387	27.6422	-1.1222
Base	42	230	1.2(DL+LL+EQ:+Y)	Combination	12.4622	-146.679	1372.3807	27.2515	-19.4048	-1.5884
Base	42	230	1.2(DL+LL+EQ:-Y)	Combination	18.8946	-24.8352	1296.4595	-87.5599	-3.7578	-2.0591
Base	42	230	0.9DL+1.5EQ+X	Combination	-40.4054	-57.7506	844.0463	-18.2422	-57.5395	-2.2382
Base	42	230	0.9DL+1.5EQ-X	Combination	59.2032	-53.2701	983.9879	-17.7035	40.5192	-0.4843
Base	42	230	0.9DL+1.5EQY+	Combination	5.3786	-131.6627	961.4678	53.7842	-18.2896	-1.067
Base	42	230	0.9DL+1.5EQY-	Combination	13.4192	20.642	866.5663	-89.73	1.2693	-1.6554
Base	42	230	DWals1	Combination	15.6648	-92.5173	1523.3618	-29.9548	-14.1836	-2.2687
Base	42	230	DWals2	Combination	19.598	-107.1964	1668.0251	-37.6928	-14.4766	-2.2797
Base	42	230	DWals3	Combination	15.5765	-75.7126	1331.2854	-38.2844	-10.7975	-1.8962
Base	42	230	DWals4	Combination	15.7802	-95.8016	1337.5548	-22.0241	-12.365	-1.7513
Base	42	230	DWals5	Combination	18.1809	-85.762	1337.0864	-30.6681	-7.3027	-1.8435
Base	42	230	DWals6	Combination	13.1759	-85.7522	1331.7538	-29.6404	-15.8598	-1.804
Base	42	230	DWals7	Combination	15.5375	-79.9617	1519.4434	-40.1175	-13.2039	-2.3593
Base	42	230	DWals8	Combination	15.7922	-105.0729	1527.2802	-19.7921	-15.1633	-2.1781
Base	42	230	DWals9	Combination	18.793	-92.5233	1526.6947	-30.5971	-8.8354	-2.2935
Base	42	230	DWals10	Combination	12.5367	-92.5112	1520.0289	-29.3125	-19.5318	-2.244
Base	42	230	DWals11	Combination	9.2716	-42.9548	910.0987	-28.1356	-7.5305	-1.4518
Base	42	230	DWals12	Combination	9.5262	-68.066	917.9355	-7.8102	-9.4899	-1.2706
Base	42	230	DWals13	Combination	12.527	-55.5164	917.35	-18.6152	-3.1619	-1.386
Base	42	230	DWals14	Combination	6.2708	-55.5043	910.6842	-17.3306	-13.8584	-1.3365
Base	42	230	DWals15	Combination	-24.1651	-87.5493	1278.4435	-30.3697	-50.8048	-2.5253
Base	42	230	DWals16	Combination	55.5218	-83.9649	1390.3967	-29.9387	27.6422	-1.1222
Base	42	230	DWals17	Combination	12.4622	-146.679	1372.3807	27.2515	-19.4048	-1.5884
Base	42	230	DWals18	Combination	18.8946	-24.8352	1296.4595	-87.5599	-3.7578	-2.0591
Base	42	230	DWals19	Combination	-34.1394	-94.7575	1453.391	-30.2241	-63.2129	-3.1456
Base	42	230	DWals20	Combination	65.4691	-90.277	1593.3326	-29.6855	34.8458	-1.3918
Base	42	230	DWals21	Combination	11.6446	-168.6696	1570.8126	41.8023	-23.963	-1.9745
Base	42	230	DWals22	Combination	19.6851	-16.3649	1475.9111	-101.7119	-4.4042	-2.5629
Base	42	230	DWals23	Combination	-40.4054	-57.7506	844.0463	-18.2422	-57.5395	-2.2382
Base	42	230	DWals24	Combination	59.2032	-53.2701	983.9879	-17.7035	40.5192	-0.4843
Base	42	230	DWals25	Combination	5.3786	-131.6627	961.4678	53.7842	-18.2896	-1.067
Base	42	230	DWals26	Combination	13.4192	20.642	866.5663	-89.73	1.2693	-1.6554

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	43	234	Dead	LinStatic	4.1713	48.388	1522.0486	31.5503	-1.8278	-1.3909
Base	43	234	Live	LinStatic	1.3948	11.4007	182.3541	4.9957	0.545	-0.0081
Base	43	234	windx	LinStatic	-0.6944	0.377	3.1398	-2.0063	-0.8675	-0.0339
Base	43	234	windy	LinStatic	3.3921	-0.1125	-0.0873	0.0009	3.6045	-0.0371
Base	43	234	seismic x	LinStatic	-32.2171	6.5774	-0.299	-3.7552	-37.0624	0.3812
Base	43	234	seismic y	LinStatic	8.4422	-43.9445	-43.6428	42.8788	9.0061	0.3548
Base	43	234	1.5(DL+LL)	Combination	8.3492	89.6831	2556.6041	54.8191	-1.9243	-2.0985
Base	43	234	1.5(DL+EQ:+X)	Combination	-42.0687	82.4481	2282.6243	41.6927	-58.3353	-1.5145
Base	43	234	1.5(DL+EQ:-X)	Combination	54.5827	62.7159	2283.5215	52.9583	52.8518	-2.6582
Base	43	234	1.5(DL+EQ:+Y)	Combination	18.9202	6.6653	2217.6087	111.6436	10.7674	-1.5542
Base	43	234	1.5(DL+EQ:-Y)	Combination	-6.4063	138.4987	2348.537	-16.9927	-16.2509	-2.6185
Base	43	234	1.5(DL+WL:+X)	Combination	5.2154	73.1474	2287.7826	44.3161	-4.043	-2.1372
Base	43	234	1.5(DL+WL:-X)	Combination	7.2986	72.0166	2278.3632	50.3349	-1.4405	-2.0355
Base	43	234	1.5(DL+WL:+Y)	Combination	11.3451	72.4133	2282.9419	47.3268	2.665	-2.1419
Base	43	234	1.5(DL+WL:-Y)	Combination	1.1688	72.7507	2283.2039	47.3242	-8.1485	-2.0307
Base	43	234	1.2(DL+LL+WL:+X)	Combination	5.8461	72.1988	2049.051	41.4477	-2.5805	-1.7195
Base	43	234	1.2(DL+LL+WL:-X)	Combination	7.5126	71.2941	2041.5155	46.2628	-0.4984	-1.6381
Base	43	234	1.2(DL+LL+WL:+Y)	Combination	10.7499	71.6115	2045.1785	43.8563	2.786	-1.7233
Base	43	234	1.2(DL+LL+WL:-Y)	Combination	2.6088	71.8815	2045.388	43.8542	-5.8648	-1.6343
Base	43	234	1.2(DL+LL+EQ:+X)	Combination	-31.9812	79.6394	2044.9244	39.349	-46.0143	-1.2213
Base	43	234	1.2(DL+LL+EQ:-X)	Combination	45.3399	63.8536	2045.6421	48.3615	42.9354	-2.1363
Base	43	234	1.2(DL+LL+EQ:+Y)	Combination	16.8099	19.0131	1992.9119	95.3098	9.2679	-1.2531
Base	43	234	1.2(DL+LL+EQ:-Y)	Combination	-3.4512	124.4798	2097.6546	-7.5993	-12.3467	-2.1045
Base	43	234	0.9DL+1.5EQ+X	Combination	-44.5715	53.4153	1369.3952	22.7625	-57.2386	-0.68
Base	43	234	0.9DL+1.5EQ-X	Combination	52.0799	33.6831	1370.2923	34.0281	53.9485	-1.8236
Base	43	234	0.9DL+1.5EQY+	Combination	16.4174	-22.3675	1304.3796	92.7135	11.8641	-0.7196
Base	43	234	0.9DL+1.5EQY-	Combination	-8.909	109.4659	1435.3079	-35.9229	-15.1542	-1.784
Base	43	234	DWals1	Combination	6.257	72.582	2283.0729	47.3255	-2.7417	-2.0863
Base	43	234	DWals2	Combination	8.3492	89.6831	2556.6041	54.8191	-1.9243	-2.0985
Base	43	234	DWals3	Combination	5.8461	72.1988	2049.051	41.4477	-2.5805	-1.7195
Base	43	234	DWals4	Combination	7.5126	71.2941	2041.5155	46.2628	-0.4984	-1.6381
Base	43	234	DWals5	Combination	10.7499	71.6115	2045.1785	43.8563	2.786	-1.7233
Base	43	234	DWals6	Combination	2.6088	71.8815	2045.388	43.8542	-5.8648	-1.6343
Base	43	234	DWals7	Combination	5.2154	73.1474	2287.7826	44.3161	-4.043	-2.1372
Base	43	234	DWals8	Combination	7.2986	72.0166	2278.3632	50.3349	-1.4405	-2.0355
Base	43	234	DWals9	Combination	11.3451	72.4133	2282.9419	47.3268	2.665	-2.1419
Base	43	234	DWals10	Combination	1.1688	72.7507	2283.2039	47.3242	-8.1485	-2.0307
Base	43	234	DWals11	Combination	2.7126	44.1146	1374.5534	25.3859	-2.9463	-1.3026
Base	43	234	DWals12	Combination	4.7958	42.9838	1365.134	31.4047	-0.3438	-1.201
Base	43	234	DWals13	Combination	8.8423	43.3805	1369.7128	28.3966	3.7617	-1.3074
Base	43	234	DWals14	Combination	-1.334	43.7179	1369.9747	28.394	-7.0518	-1.1962
Base	43	234	DWals15	Combination	-31.9812	79.6394	2044.9244	39.349	-46.0143	-1.2213
Base	43	234	DWals16	Combination	45.3399	63.8536	2045.6421	48.3615	42.9354	-2.1363
Base	43	234	DWals17	Combination	16.8099	19.0131	1992.9119	95.3098	9.2679	-1.2531
Base	43	234	DWals18	Combination	-3.4512	124.4798	2097.6546	-7.5993	-12.3467	-2.1045

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	43	234	DWals19	Combination	-42.0687	82.4481	2282.6243	41.6927	-58.3353	-1.5145
Base	43	234	DWals20	Combination	54.5827	62.7159	2283.5215	52.9583	52.8518	-2.6582
Base	43	234	DWals21	Combination	18.9202	6.6653	2217.6087	111.6436	10.7674	-1.5542
Base	43	234	DWals22	Combination	-6.4063	138.4987	2348.537	-16.9927	-16.2509	-2.6185
Base	43	234	DWals23	Combination	-44.5715	53.4153	1369.3952	22.7625	-57.2386	-0.68
Base	43	234	DWals24	Combination	52.0799	33.6831	1370.2923	34.0281	53.9485	-1.8236
Base	43	234	DWals25	Combination	16.4174	-22.3675	1304.3796	92.7135	11.8641	-0.7196
Base	43	234	DWals26	Combination	-8.909	109.4659	1435.3079	-35.9229	-15.1542	-1.784
Base	44	643	Dead	LinStatic	4.9507	-11.0257	2405.8235	0	0	0
Base	44	643	Live	LinStatic	0.6397	-2.5683	362.8915	0	0	0
Base	44	643	windx	LinStatic	0.405	-1.6848	0.8083	0	0	0
Base	44	643	windy	LinStatic	-0.8283	-0.1377	1.0881	0	0	0
Base	44	643	seismic x	LinStatic	13.8173	1.0609	-12.0135	0	0	0
Base	44	643	seismic y	LinStatic	-3.6674	14.9142	-11.03	0	0	0
Base	44	643	1.5(DL+LL)	Combination	8.3855	-20.391	4153.0725	0	0	0
Base	44	643	1.5(DL+EQ:+X)	Combination	28.152	-14.9472	3590.715	0	0	0
Base	44	643	1.5(DL+EQ:-X)	Combination	-13.2999	-18.13	3626.7556	0	0	0
Base	44	643	1.5(DL+EQ:+Y)	Combination	1.925	5.8327	3592.1903	0	0	0
Base	44	643	1.5(DL+EQ:-Y)	Combination	12.9271	-38.9098	3625.2802	0	0	0
Base	44	643	1.5(DL+WL:+X)	Combination	8.0336	-19.0657	3609.9477	0	0	0
Base	44	643	1.5(DL+WL:-X)	Combination	6.8185	-14.0114	3607.5229	0	0	0
Base	44	643	1.5(DL+WL:+Y)	Combination	6.1837	-16.7452	3610.3674	0	0	0
Base	44	643	1.5(DL+WL:-Y)	Combination	8.6684	-16.332	3607.1032	0	0	0
Base	44	643	1.2(DL+LL+WL:+X)	Combination	7.1945	-18.3345	3323.4279	0	0	0
Base	44	643	1.2(DL+LL+WL:-X)	Combination	6.2224	-14.291	3321.488	0	0	0
Base	44	643	1.2(DL+LL+WL:+Y)	Combination	5.7145	-16.478	3323.7636	0	0	0
Base	44	643	1.2(DL+LL+WL:-Y)	Combination	7.7024	-16.1475	3321.1523	0	0	0
Base	44	643	1.2(DL+LL+EQ:+X)	Combination	23.2892	-15.0397	3308.0418	0	0	0
Base	44	643	1.2(DL+LL+EQ:-X)	Combination	-9.8723	-17.5859	3336.8742	0	0	0
Base	44	643	1.2(DL+LL+EQ:+Y)	Combination	2.3076	1.5842	3309.222	0	0	0
Base	44	643	1.2(DL+LL+EQ:-Y)	Combination	11.1093	-34.2098	3335.694	0	0	0
Base	44	643	0.9DL+1.5EQ+X	Combination	25.1816	-8.3318	2147.2209	0	0	0
Base	44	643	0.9DL+1.5EQ-X	Combination	-16.2703	-11.5145	2183.2614	0	0	0
Base	44	643	0.9DL+1.5EQY+	Combination	-1.0454	12.4481	2148.6962	0	0	0
Base	44	643	0.9DL+1.5EQY-	Combination	9.9567	-32.2944	2181.7861	0	0	0
Base	44	643	DWals1	Combination	7.426	-16.5386	3608.7353	0	0	0
Base	44	643	DWals2	Combination	8.3855	-20.391	4153.0725	0	0	0
Base	44	643	DWals3	Combination	7.1945	-18.3345	3323.4279	0	0	0
Base	44	643	DWals4	Combination	6.2224	-14.291	3321.488	0	0	0
Base	44	643	DWals5	Combination	5.7145	-16.478	3323.7636	0	0	0
Base	44	643	DWals6	Combination	7.7024	-16.1475	3321.1523	0	0	0
Base	44	643	DWals7	Combination	8.0336	-19.0657	3609.9477	0	0	0
Base	44	643	DWals8	Combination	6.8185	-14.0114	3607.5229	0	0	0
Base	44	643	DWals9	Combination	6.1837	-16.7452	3610.3674	0	0	0
Base	44	643	DWals10	Combination	8.6684	-16.332	3607.1032	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	44	643	DWals11	Combination	5.0632	-12.4503	2166.4536	0	0	0
Base	44	643	DWals12	Combination	3.8481	-7.396	2164.0288	0	0	0
Base	44	643	DWals13	Combination	3.2132	-10.1298	2166.8732	0	0	0
Base	44	643	DWals14	Combination	5.698	-9.7165	2163.6091	0	0	0
Base	44	643	DWals15	Combination	23.2892	-15.0397	3308.0418	0	0	0
Base	44	643	DWals16	Combination	-9.8723	-17.5859	3336.8742	0	0	0
Base	44	643	DWals17	Combination	2.3076	1.5842	3309.222	0	0	0
Base	44	643	DWals18	Combination	11.1093	-34.2098	3335.694	0	0	0
Base	44	643	DWals19	Combination	28.152	-14.9472	3590.715	0	0	0
Base	44	643	DWals20	Combination	-13.2999	-18.13	3626.7556	0	0	0
Base	44	643	DWals21	Combination	1.925	5.8327	3592.1903	0	0	0
Base	44	643	DWals22	Combination	12.9271	-38.9098	3625.2802	0	0	0
Base	44	643	DWals23	Combination	25.1816	-8.3318	2147.2209	0	0	0
Base	44	643	DWals24	Combination	-16.2703	-11.5145	2183.2614	0	0	0
Base	44	643	DWals25	Combination	-1.0454	12.4481	2148.6962	0	0	0
Base	44	643	DWals26	Combination	9.9567	-32.2944	2181.7861	0	0	0
Base	45	250	Dead	LinStatic	-47.8308	-50.2085	1461.5154	0.7854	-1.6054	-1.1177
Base	45	250	Live	LinStatic	-6.7635	-9.7365	199.0777	-1.6617	1.6626	0.02
Base	45	250	windx	LinStatic	0.7665	5.4902	7.6732	-4.6271	0.2428	-0.0032
Base	45	250	windy	LinStatic	7.0127	0.1151	7.5876	-0.0801	4.2854	-0.0179
Base	45	250	seismic x	LinStatic	-84.5684	0.727	-194.9516	-1.015	-53.5994	0.1708
Base	45	250	seismic y	LinStatic	-11.0734	-59.077	-101.7018	48.9712	-3.9317	0.0129
Base	45	250	1.5(DL+LL)	Combination	-81.8915	-89.9176	2490.8897	-1.3143	0.0859	-1.6465
Base	45	250	1.5(DL+EQ:+X)	Combination	-198.5988	-74.2222	1899.8457	-0.3444	-82.8071	-1.4202
Base	45	250	1.5(DL+EQ:-X)	Combination	55.1065	-76.4033	2484.7005	2.7007	77.991	-1.9327
Base	45	250	1.5(DL+EQ:+Y)	Combination	-88.3563	-163.9282	2039.7204	74.635	-8.3056	-1.6571
Base	45	250	1.5(DL+EQ:-Y)	Combination	-55.136	13.3028	2344.8258	-72.2787	3.4895	-1.6959
Base	45	250	1.5(DL+WL:+X)	Combination	-70.5964	-67.0774	2203.7829	-5.7625	-2.0439	-1.6813
Base	45	250	1.5(DL+WL:-X)	Combination	-72.8959	-83.548	2180.7633	8.1188	-2.7722	-1.6717
Base	45	250	1.5(DL+WL:+Y)	Combination	-61.2271	-75.1401	2203.6545	1.058	4.0201	-1.7033
Base	45	250	1.5(DL+WL:-Y)	Combination	-82.2652	-75.4854	2180.8917	1.2983	-8.8362	-1.6497
Base	45	250	1.2(DL+LL+WL:+X)	Combination	-64.5934	-65.3458	2001.9196	-6.604	0.36	-1.321
Base	45	250	1.2(DL+LL+WL:-X)	Combination	-66.433	-78.5223	1983.5039	4.5011	-0.2226	-1.3133
Base	45	250	1.2(DL+LL+WL:+Y)	Combination	-57.0979	-71.7959	2001.8169	-1.1476	5.2113	-1.3386
Base	45	250	1.2(DL+LL+WL:-Y)	Combination	-73.9284	-72.0722	1983.6066	-0.9553	-5.0738	-1.2957
Base	45	250	1.2(DL+LL+EQ:+X)	Combination	-166.9953	-71.0616	1758.7699	-2.2695	-64.2506	-1.1122
Base	45	250	1.2(DL+LL+EQ:-X)	Combination	35.9689	-72.8065	2226.6537	0.1665	64.388	-1.5222
Base	45	250	1.2(DL+LL+EQ:+Y)	Combination	-78.8013	-142.8265	1870.6696	57.714	-4.6493	-1.3017
Base	45	250	1.2(DL+LL+EQ:-Y)	Combination	-52.225	-1.0416	2114.7539	-59.8169	4.7867	-1.3327
Base	45	250	0.9DL+1.5EQ+X	Combination	-169.9003	-44.0971	1022.9365	-0.8156	-81.8439	-0.7496
Base	45	250	0.9DL+1.5EQ-X	Combination	83.8049	-46.2782	1607.7912	2.2294	78.9543	-1.2621
Base	45	250	0.9DL+1.5EQY+	Combination	-59.6578	-133.8031	1162.8111	74.1637	-7.3424	-0.9865
Base	45	250	0.9DL+1.5EQY-	Combination	-26.4375	43.4279	1467.9166	-72.7499	4.4527	-1.0253
Base	45	250	DWals1	Combination	-71.7461	-75.3127	2192.2731	1.1782	-2.408	-1.6765
Base	45	250	DWals2	Combination	-81.8915	-89.9176	2490.8897	-1.3143	0.0859	-1.6465

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	45	250	DWals3	Combination	-64.5934	-65.3458	2001.9196	-6.604	0.36	-1.321
Base	45	250	DWals4	Combination	-66.433	-78.5223	1983.5039	4.5011	-0.2226	-1.3133
Base	45	250	DWals5	Combination	-57.0979	-71.7959	2001.8169	-1.1476	5.2113	-1.3386
Base	45	250	DWals6	Combination	-73.9284	-72.0722	1983.6066	-0.9553	-5.0738	-1.2957
Base	45	250	DWals7	Combination	-70.5964	-67.0774	2203.7829	-5.7625	-2.0439	-1.6813
Base	45	250	DWals8	Combination	-72.8959	-83.548	2180.7633	8.1188	-2.7722	-1.6717
Base	45	250	DWals9	Combination	-61.2271	-75.1401	2203.6545	1.058	4.0201	-1.7033
Base	45	250	DWals10	Combination	-82.2652	-75.4854	2180.8917	1.2983	-8.8362	-1.6497
Base	45	250	DWals11	Combination	-41.8979	-36.9523	1326.8737	-6.2338	-1.0807	-1.0107
Base	45	250	DWals12	Combination	-44.1974	-53.4229	1303.8541	7.6475	-1.809	-1.0011
Base	45	250	DWals13	Combination	-32.5286	-45.015	1326.7453	0.5867	4.9833	-1.0327
Base	45	250	DWals14	Combination	-53.5667	-45.3603	1303.9825	0.8271	-7.873	-0.9791
Base	45	250	DWals15	Combination	-166.9953	-71.0616	1758.7699	-2.2695	-64.2506	-1.1122
Base	45	250	DWals16	Combination	35.9689	-72.8065	2226.6537	0.1665	64.388	-1.5222
Base	45	250	DWals17	Combination	-78.8013	-142.8265	1870.6696	57.714	-4.6493	-1.3017
Base	45	250	DWals18	Combination	-52.225	-1.0416	2114.7539	-59.8169	4.7867	-1.3327
Base	45	250	DWals19	Combination	-198.5988	-74.2222	1899.8457	-0.3444	-82.8071	-1.4202
Base	45	250	DWals20	Combination	55.1065	-76.4033	2484.7005	2.7007	77.991	-1.9327
Base	45	250	DWals21	Combination	-88.3563	-163.9282	2039.7204	74.635	-8.3056	-1.6571
Base	45	250	DWals22	Combination	-55.136	13.3028	2344.8258	-72.2787	3.4895	-1.6959
Base	45	250	DWals23	Combination	-169.9003	-44.0971	1022.9365	-0.8156	-81.8439	-0.7496
Base	45	250	DWals24	Combination	83.8049	-46.2782	1607.7912	2.2294	78.9543	-1.2621
Base	45	250	DWals25	Combination	-59.6578	-133.8031	1162.8111	74.1637	-7.3424	-0.9865
Base	45	250	DWals26	Combination	-26.4375	43.4279	1467.9166	-72.7499	4.4527	-1.0253
Base	46	252	Dead	LinStatic	-47.1182	24.2308	1459.0972	13.2162	-1.5849	-1.2016
Base	46	252	Live	LinStatic	-7.3734	9.016	196.4957	1.9356	1.4283	0.032
Base	46	252	windx	LinStatic	-1.2098	6.183	-7.9491	-5.0217	-0.4387	-0.0062
Base	46	252	windy	LinStatic	7.2214	0.2337	10.0256	-0.151	4.4657	-0.0163
Base	46	252	seismic x	LinStatic	-80.8786	-0.5246	-207.2844	0.2851	-51.8885	-0.316
Base	46	252	seismic y	LinStatic	11.4911	-58.9497	102.384	48.8696	4.0158	0.0268
Base	46	252	1.5(DL+LL)	Combination	-81.7374	49.8702	2483.3893	22.7277	-0.2348	-1.7544
Base	46	252	1.5(DL+EQ:+X)	Combination	-191.9952	35.5594	1877.7192	20.2519	-80.21	-2.2764
Base	46	252	1.5(DL+EQ:-X)	Combination	50.6405	37.1331	2499.5723	19.3967	75.4555	-1.3285
Base	46	252	1.5(DL+EQ:+Y)	Combination	-53.4406	-52.0783	2342.2217	93.1286	3.6464	-1.7622
Base	46	252	1.5(DL+EQ:-Y)	Combination	-87.914	124.7708	2035.0698	-53.4801	-8.401	-1.8426
Base	46	252	1.5(DL+WL:+X)	Combination	-72.492	45.6207	2176.7221	12.2917	-3.0353	-1.8117
Base	46	252	1.5(DL+WL:-X)	Combination	-68.8627	27.0718	2200.5695	27.3569	-1.7192	-1.7932
Base	46	252	1.5(DL+WL:+Y)	Combination	-59.8452	36.6968	2203.6841	19.5977	4.3213	-1.8268
Base	46	252	1.5(DL+WL:-Y)	Combination	-81.5094	35.9957	2173.6074	20.0508	-9.0759	-1.778
Base	46	252	1.2(DL+LL+WL:+X)	Combination	-66.8416	47.3157	1977.1725	12.1561	-0.7143	-1.411
Base	46	252	1.2(DL+LL+WL:-X)	Combination	-63.9382	32.4766	1996.2504	24.2082	0.3386	-1.3961
Base	46	252	1.2(DL+LL+WL:+Y)	Combination	-56.7242	40.1766	1998.7421	18.0009	5.171	-1.4231
Base	46	252	1.2(DL+LL+WL:-Y)	Combination	-74.0556	39.6157	1974.6808	18.3634	-5.5467	-1.384
Base	46	252	1.2(DL+LL+EQ:+X)	Combination	-162.4442	39.2667	1737.9702	18.5242	-62.454	-1.7827
Base	46	252	1.2(DL+LL+EQ:-X)	Combination	31.6644	40.5257	2235.4527	17.8401	62.0784	-1.0244

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	46	252	1.2(DL+LL+EQ:+Y)	Combination	-51.6005	-30.8434	2109.5722	76.8257	4.6312	-1.3714
Base	46	252	1.2(DL+LL+EQ:-Y)	Combination	-79.1793	110.6358	1863.8507	-40.4613	-5.0068	-1.4357
Base	46	252	0.9DL+1.5EQ+X	Combination	-163.7242	21.0209	1002.2609	12.3222	-79.2591	-1.5554
Base	46	252	0.9DL+1.5EQ-X	Combination	78.9114	22.5946	1624.114	11.4669	76.4064	-0.6075
Base	46	252	0.9DL+1.5EQY+	Combination	-25.1697	-66.6168	1466.7634	85.1989	4.5974	-1.0412
Base	46	252	0.9DL+1.5EQY-	Combination	-59.6431	110.2323	1159.6115	-61.4098	-7.4501	-1.1217
Base	46	252	DWals1	Combination	-70.6773	36.3462	2188.6458	19.8243	-2.3773	-1.8024
Base	46	252	DWals2	Combination	-81.7374	49.8702	2483.3893	22.7277	-0.2348	-1.7544
Base	46	252	DWals3	Combination	-66.8416	47.3157	1977.1725	12.1561	-0.7143	-1.411
Base	46	252	DWals4	Combination	-63.9382	32.4766	1996.2504	24.2082	0.3386	-1.3961
Base	46	252	DWals5	Combination	-56.7242	40.1766	1998.7421	18.0009	5.171	-1.4231
Base	46	252	DWals6	Combination	-74.0556	39.6157	1974.6808	18.3634	-5.5467	-1.384
Base	46	252	DWals7	Combination	-72.492	45.6207	2176.7221	12.2917	-3.0353	-1.8117
Base	46	252	DWals8	Combination	-68.8627	27.0718	2200.5695	27.3569	-1.7192	-1.7932
Base	46	252	DWals9	Combination	-59.8452	36.6968	2203.6841	19.5977	4.3213	-1.8268
Base	46	252	DWals10	Combination	-81.5094	35.9957	2173.6074	20.0508	-9.0759	-1.778
Base	46	252	DWals11	Combination	-44.2211	31.0822	1301.2638	4.362	-2.0844	-1.0907
Base	46	252	DWals12	Combination	-40.5917	12.5333	1325.1111	19.4272	-0.7683	-1.0722
Base	46	252	DWals13	Combination	-31.5743	22.1583	1328.2258	11.668	5.2722	-1.1059
Base	46	252	DWals14	Combination	-53.2385	21.4572	1298.1491	12.1211	-8.125	-1.057
Base	46	252	DWals15	Combination	-162.4442	39.2667	1737.9702	18.5242	-62.454	-1.7827
Base	46	252	DWals16	Combination	31.6644	40.5257	2235.4527	17.8401	62.0784	-1.0244
Base	46	252	DWals17	Combination	-51.6005	-30.8434	2109.5722	76.8257	4.6312	-1.3714
Base	46	252	DWals18	Combination	-79.1793	110.6358	1863.8507	-40.4613	-5.0068	-1.4357
Base	46	252	DWals19	Combination	-191.9952	35.5594	1877.7192	20.2519	-80.21	-2.2764
Base	46	252	DWals20	Combination	50.6405	37.1331	2499.5723	19.3967	75.4555	-1.3285
Base	46	252	DWals21	Combination	-53.4406	-52.0783	2342.2217	93.1286	3.6464	-1.7622
Base	46	252	DWals22	Combination	-87.914	124.7708	2035.0698	-53.4801	-8.401	-1.8426
Base	46	252	DWals23	Combination	-163.7242	21.0209	1002.2609	12.3222	-79.2591	-1.5554
Base	46	252	DWals24	Combination	78.9114	22.5946	1624.114	11.4669	76.4064	-0.6075
Base	46	252	DWals25	Combination	-25.1697	-66.6168	1466.7634	85.1989	4.5974	-1.0412
Base	46	252	DWals26	Combination	-59.6431	110.2323	1159.6115	-61.4098	-7.4501	-1.1217
Base	47	644	Dead	LinStatic	6.3676	11.479	2391.3701	0	0	0
Base	47	644	Live	LinStatic	0.6409	1.955	362.2148	0	0	0
Base	47	644	windx	LinStatic	-0.6224	-1.1925	-0.8094	0	0	0
Base	47	644	windy	LinStatic	-1.5499	0.0613	0.7668	0	0	0
Base	47	644	seismic x	LinStatic	13.2327	-1.3397	-15.9234	0	0	0
Base	47	644	seismic y	LinStatic	4.869	14.9924	10.9233	0	0	0
Base	47	644	1.5(DL+LL)	Combination	10.5128	20.1511	4130.3773	0	0	0
Base	47	644	1.5(DL+EQ:+X)	Combination	29.4005	15.209	3563.17	0	0	0
Base	47	644	1.5(DL+EQ:-X)	Combination	-10.2975	19.2281	3610.9402	0	0	0
Base	47	644	1.5(DL+EQ:+Y)	Combination	16.8549	39.7072	3603.4401	0	0	0
Base	47	644	1.5(DL+EQ:-Y)	Combination	2.248	-5.2701	3570.6701	0	0	0
Base	47	644	1.5(DL+WL:+X)	Combination	8.6178	15.4298	3585.841	0	0	0
Base	47	644	1.5(DL+WL:-X)	Combination	10.4851	19.0073	3588.2692	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	47	644	1.5(DL+WL:+Y)	Combination	7.2266	17.3106	3588.2052	0	0	0
Base	47	644	1.5(DL+WL:-Y)	Combination	11.8764	17.1265	3585.905	0	0	0
Base	47	644	1.2(DL+LL+WL:+X)	Combination	7.6633	14.6899	3303.3305	0	0	0
Base	47	644	1.2(DL+LL+WL:-X)	Combination	9.1572	17.5518	3305.2731	0	0	0
Base	47	644	1.2(DL+LL+WL:+Y)	Combination	6.5503	16.1945	3305.2219	0	0	0
Base	47	644	1.2(DL+LL+WL:-Y)	Combination	10.2702	16.0472	3303.3817	0	0	0
Base	47	644	1.2(DL+LL+EQ:+X)	Combination	24.2895	14.5132	3285.1937	0	0	0
Base	47	644	1.2(DL+LL+EQ:-X)	Combination	-7.469	17.7285	3323.4099	0	0	0
Base	47	644	1.2(DL+LL+EQ:+Y)	Combination	14.253	34.1118	3317.4098	0	0	0
Base	47	644	1.2(DL+LL+EQ:-Y)	Combination	2.5675	-1.8701	3291.1938	0	0	0
Base	47	644	0.9DL+1.5EQ+X	Combination	25.5799	8.3216	2128.3479	0	0	0
Base	47	644	0.9DL+1.5EQ-X	Combination	-14.1181	12.3407	2176.1182	0	0	0
Base	47	644	0.9DL+1.5EQY+	Combination	13.0343	32.8198	2168.6181	0	0	0
Base	47	644	0.9DL+1.5EQY-	Combination	-1.5726	-12.1575	2135.8481	0	0	0
Base	47	644	DWals1	Combination	9.5515	17.2185	3587.0551	0	0	0
Base	47	644	DWals2	Combination	10.5128	20.1511	4130.3773	0	0	0
Base	47	644	DWals3	Combination	7.6633	14.6899	3303.3305	0	0	0
Base	47	644	DWals4	Combination	9.1572	17.5518	3305.2731	0	0	0
Base	47	644	DWals5	Combination	6.5503	16.1945	3305.2219	0	0	0
Base	47	644	DWals6	Combination	10.2702	16.0472	3303.3817	0	0	0
Base	47	644	DWals7	Combination	8.6178	15.4298	3585.841	0	0	0
Base	47	644	DWals8	Combination	10.4851	19.0073	3588.2692	0	0	0
Base	47	644	DWals9	Combination	7.2266	17.3106	3588.2052	0	0	0
Base	47	644	DWals10	Combination	11.8764	17.1265	3585.905	0	0	0
Base	47	644	DWals11	Combination	4.7972	8.5424	2151.019	0	0	0
Base	47	644	DWals12	Combination	6.6645	12.1198	2153.4472	0	0	0
Base	47	644	DWals13	Combination	3.406	10.4231	2153.3832	0	0	0
Base	47	644	DWals14	Combination	8.0558	10.2391	2151.0829	0	0	0
Base	47	644	DWals15	Combination	24.2895	14.5132	3285.1937	0	0	0
Base	47	644	DWals16	Combination	-7.469	17.7285	3323.4099	0	0	0
Base	47	644	DWals17	Combination	14.253	34.1118	3317.4098	0	0	0
Base	47	644	DWals18	Combination	2.5675	-1.8701	3291.1938	0	0	0
Base	47	644	DWals19	Combination	29.4005	15.209	3563.17	0	0	0
Base	47	644	DWals20	Combination	-10.2975	19.2281	3610.9402	0	0	0
Base	47	644	DWals21	Combination	16.8549	39.7072	3603.4401	0	0	0
Base	47	644	DWals22	Combination	2.248	-5.2701	3570.6701	0	0	0
Base	47	644	DWals23	Combination	25.5799	8.3216	2128.3479	0	0	0
Base	47	644	DWals24	Combination	-14.1181	12.3407	2176.1182	0	0	0
Base	47	644	DWals25	Combination	13.0343	32.8198	2168.6181	0	0	0
Base	47	644	DWals26	Combination	-1.5726	-12.1575	2135.8481	0	0	0
Base	48	256	Dead	LinStatic	-0.1104	-67.4959	1529.7106	-20.2688	-6.4688	-1.359
Base	48	256	Live	LinStatic	1.2231	-11.5495	181.9151	-4.9683	0.2757	0.0138
Base	48	256	windx	LinStatic	0.6923	9.8548	-3.2386	-7.2996	1.0387	-0.0477
Base	48	256	windy	LinStatic	3.409	0.1962	0.223	-0.1286	4.4393	-0.0032
Base	48	256	seismic x	LinStatic	-28.8064	-4.696	0.1628	2.219	-33.0716	-0.4622

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	48	256	seismic y	LinStatic	-7.7012	-43.6569	43.6201	42.7347	-9.521	0.3956
Base	48	256	1.5(DL+LL)	Combination	1.669	-118.5681	2567.4386	-37.8556	-9.2896	-2.0179
Base	48	256	1.5(DL+EQ:+X)	Combination	-43.3752	-108.2878	2294.8101	-27.0747	-59.3106	-2.7318
Base	48	256	1.5(DL+EQ:-X)	Combination	43.0439	-94.1998	2294.3218	-33.7317	39.9043	-1.3452
Base	48	256	1.5(DL+EQ:+Y)	Combination	-11.7175	-166.7292	2359.9961	33.6988	-23.9846	-1.4452
Base	48	256	1.5(DL+EQ:-Y)	Combination	11.3862	-35.7584	2229.1358	-94.5052	4.5783	-2.6319
Base	48	256	1.5(DL+WL:+X)	Combination	0.8728	-86.4616	2289.708	-41.3527	-8.1452	-2.1101
Base	48	256	1.5(DL+WL:-X)	Combination	-1.204	-116.026	2299.4239	-19.4537	-11.2612	-1.967
Base	48	256	1.5(DL+WL:+Y)	Combination	4.9479	-100.9495	2294.9005	-30.5961	-3.0442	-2.0434
Base	48	256	1.5(DL+WL:-Y)	Combination	-5.2792	-101.5382	2294.2314	-30.2103	-16.3622	-2.0337
Base	48	256	1.2(DL+LL+WL:+X)	Combination	2.1659	-83.0287	2050.0645	-39.0441	-6.1853	-1.6715
Base	48	256	1.2(DL+LL+WL:-X)	Combination	0.5045	-106.6802	2057.8372	-21.5249	-8.6781	-1.5571
Base	48	256	1.2(DL+LL+WL:+Y)	Combination	5.426	-94.619	2054.2185	-30.4388	-2.1045	-1.6182
Base	48	256	1.2(DL+LL+WL:-Y)	Combination	-2.7557	-95.0899	2053.6832	-30.1302	-12.7589	-1.6104
Base	48	256	1.2(DL+LL+EQ:+X)	Combination	-33.2325	-100.4896	2054.1462	-27.6217	-47.1176	-2.169
Base	48	256	1.2(DL+LL+EQ:-X)	Combination	35.9028	-89.2193	2053.7555	-32.9473	32.2543	-1.0597
Base	48	256	1.2(DL+LL+EQ:+Y)	Combination	-7.9063	-147.2428	2106.295	20.9971	-18.8568	-1.1396
Base	48	256	1.2(DL+LL+EQ:-Y)	Combination	10.5767	-42.4661	2001.6068	-81.5661	3.9935	-2.089
Base	48	256	0.9DL+1.5EQ+X	Combination	-43.309	-67.7903	1376.9838	-14.9134	-55.4293	-1.9164
Base	48	256	0.9DL+1.5EQ-X	Combination	43.1102	-53.7023	1376.4954	-21.5704	43.7855	-0.5298
Base	48	256	0.9DL+1.5EQY+	Combination	-11.6512	-126.2317	1442.1697	45.8601	-20.1034	-0.6298
Base	48	256	0.9DL+1.5EQY-	Combination	11.4525	4.7391	1311.3095	-82.344	8.4595	-1.8165
Base	48	256	DWals1	Combination	-0.1656	-101.2438	2294.566	-30.4032	-9.7032	-2.0385
Base	48	256	DWals2	Combination	1.669	-118.5681	2567.4386	-37.8556	-9.2896	-2.0179
Base	48	256	DWals3	Combination	2.1659	-83.0287	2050.0645	-39.0441	-6.1853	-1.6715
Base	48	256	DWals4	Combination	0.5045	-106.6802	2057.8372	-21.5249	-8.6781	-1.5571
Base	48	256	DWals5	Combination	5.426	-94.619	2054.2185	-30.4388	-2.1045	-1.6182
Base	48	256	DWals6	Combination	-2.7557	-95.0899	2053.6832	-30.1302	-12.7589	-1.6104
Base	48	256	DWals7	Combination	0.8728	-86.4616	2289.708	-41.3527	-8.1452	-2.1101
Base	48	256	DWals8	Combination	-1.204	-116.026	2299.4239	-19.4537	-11.2612	-1.967
Base	48	256	DWals9	Combination	4.9479	-100.9495	2294.9005	-30.5961	-3.0442	-2.0434
Base	48	256	DWals10	Combination	-5.2792	-101.5382	2294.2314	-30.2103	-16.3622	-2.0337
Base	48	256	DWals11	Combination	0.939	-45.9641	1371.8816	-29.1914	-4.2639	-1.2946
Base	48	256	DWals12	Combination	-1.1378	-75.5285	1381.5975	-7.2924	-7.3799	-1.1516
Base	48	256	DWals13	Combination	5.0142	-60.4519	1377.0741	-18.4348	0.8371	-1.228
Base	48	256	DWals14	Combination	-5.2129	-61.0406	1376.405	-18.049	-12.4809	-1.2183
Base	48	256	DWals15	Combination	-33.2325	-100.4896	2054.1462	-27.6217	-47.1176	-2.169
Base	48	256	DWals16	Combination	35.9028	-89.2193	2053.7555	-32.9473	32.2543	-1.0597
Base	48	256	DWals17	Combination	-7.9063	-147.2428	2106.295	20.9971	-18.8568	-1.1396
Base	48	256	DWals18	Combination	10.5767	-42.4661	2001.6068	-81.5661	3.9935	-2.089
Base	48	256	DWals19	Combination	-43.3752	-108.2878	2294.8101	-27.0747	-59.3106	-2.7318
Base	48	256	DWals20	Combination	43.0439	-94.1998	2294.3218	-33.7317	39.9043	-1.3452
Base	48	256	DWals21	Combination	-11.7175	-166.7292	2359.9961	33.6988	-23.9846	-1.4452
Base	48	256	DWals22	Combination	11.3862	-35.7584	2229.1358	-94.5052	4.5783	-2.6319
Base	48	256	DWals23	Combination	-43.309	-67.7903	1376.9838	-14.9134	-55.4293	-1.9164

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	48	256	DWals24	Combination	43.1102	-53.7023	1376.4954	-21.5704	43.7855	-0.5298
Base	48	256	DWals25	Combination	-11.6512	-126.2317	1442.1697	45.8601	-20.1034	-0.6298
Base	48	256	DWals26	Combination	11.4525	4.7391	1311.3095	-82.344	8.4595	-1.8165
Base	49	258	Dead	LinStatic	-29.4406	29.6054	972.6948	22.5034	11.0537	-1.5048
Base	49	258	Live	LinStatic	-3.5503	4.6745	88.0261	2.6975	2.3403	-0.0015
Base	49	258	windx	LinStatic	-1.0108	0.1155	2.2869	-1.677	-1.0758	-0.1218
Base	49	258	windy	LinStatic	5.9233	-0.3444	-1.8653	-0.1106	5.1568	0.0995
Base	49	258	seismic x	LinStatic	-25.071	11.1022	50.0626	-5.6865	-33.9222	0.317
Base	49	258	seismic y	LinStatic	10.1257	-27.5145	-34.7057	33.1518	9.9704	0.8148
Base	49	258	1.5(DL+LL)	Combination	-49.4864	51.4199	1591.0813	37.8013	20.0911	-2.2594
Base	49	258	1.5(DL+EQ:+X)	Combination	-81.7675	61.0614	1534.1361	25.2254	-34.3026	-1.7816
Base	49	258	1.5(DL+EQ:-X)	Combination	-6.5544	27.7549	1383.9483	42.2848	67.4639	-2.7327
Base	49	258	1.5(DL+EQ:+Y)	Combination	-28.9724	3.1364	1406.9836	83.4829	31.5362	-1.035
Base	49	258	1.5(DL+EQ:-Y)	Combination	-59.3496	85.6799	1511.1007	-15.9727	1.625	-3.4794
Base	49	258	1.5(DL+WL:+X)	Combination	-45.6772	44.5815	1462.4726	31.2396	14.9669	-2.4399
Base	49	258	1.5(DL+WL:-X)	Combination	-42.6448	44.2348	1455.6118	36.2706	18.1943	-2.0745
Base	49	258	1.5(DL+WL:+Y)	Combination	-35.276	43.8915	1456.2442	33.5892	24.3157	-2.108
Base	49	258	1.5(DL+WL:-Y)	Combination	-53.046	44.9248	1461.8402	33.9209	8.8455	-2.4064
Base	49	258	1.2(DL+LL+WL:+X)	Combination	-40.8021	41.2746	1275.6094	28.2287	14.7819	-1.9537
Base	49	258	1.2(DL+LL+WL:-X)	Combination	-38.3762	40.9973	1270.1207	32.2535	17.3638	-1.6614
Base	49	258	1.2(DL+LL+WL:+Y)	Combination	-32.4812	40.7226	1270.6266	30.1084	22.261	-1.6882
Base	49	258	1.2(DL+LL+WL:-Y)	Combination	-46.6971	41.5493	1275.1034	30.3737	9.8848	-1.9269
Base	49	258	1.2(DL+LL+EQ:+X)	Combination	-69.6744	54.4585	1332.9402	23.4173	-24.6337	-1.4271
Base	49	258	1.2(DL+LL+EQ:-X)	Combination	-9.5039	27.8133	1212.7899	37.0648	56.7795	-2.188
Base	49	258	1.2(DL+LL+EQ:+Y)	Combination	-27.4383	8.1185	1231.2182	70.0233	28.0374	-0.8298
Base	49	258	1.2(DL+LL+EQ:-Y)	Combination	-51.74	74.1533	1314.5119	-9.5411	4.1084	-2.7853
Base	49	258	0.9DL+1.5EQ+X	Combination	-64.1031	43.2981	950.5192	11.7233	-40.9349	-0.8787
Base	49	258	0.9DL+1.5EQ-X	Combination	11.11	9.9917	800.3314	28.7828	60.8316	-1.8299
Base	49	258	0.9DL+1.5EQY+	Combination	-11.308	-14.6268	823.3667	69.9808	24.904	-0.1321
Base	49	258	0.9DL+1.5EQY-	Combination	-41.6852	67.9166	927.4839	-29.4747	-5.0073	-2.5765
Base	49	258	DWals1	Combination	-44.161	44.4082	1459.0422	33.7551	16.5806	-2.2572
Base	49	258	DWals2	Combination	-49.4864	51.4199	1591.0813	37.8013	20.0911	-2.2594
Base	49	258	DWals3	Combination	-40.8021	41.2746	1275.6094	28.2287	14.7819	-1.9537
Base	49	258	DWals4	Combination	-38.3762	40.9973	1270.1207	32.2535	17.3638	-1.6614
Base	49	258	DWals5	Combination	-32.4812	40.7226	1270.6266	30.1084	22.261	-1.6882
Base	49	258	DWals6	Combination	-46.6971	41.5493	1275.1034	30.3737	9.8848	-1.9269
Base	49	258	DWals7	Combination	-45.6772	44.5815	1462.4726	31.2396	14.9669	-2.4399
Base	49	258	DWals8	Combination	-42.6448	44.2348	1455.6118	36.2706	18.1943	-2.0745
Base	49	258	DWals9	Combination	-35.276	43.8915	1456.2442	33.5892	24.3157	-2.108
Base	49	258	DWals10	Combination	-53.046	44.9248	1461.8402	33.9209	8.8455	-2.4064
Base	49	258	DWals11	Combination	-28.0128	26.8182	878.8557	17.7375	8.3347	-1.537
Base	49	258	DWals12	Combination	-24.9804	26.4716	871.9949	22.7686	11.5621	-1.1716
Base	49	258	DWals13	Combination	-17.6116	26.1282	872.6273	20.0872	17.6835	-1.2051
Base	49	258	DWals14	Combination	-35.3816	27.1616	878.2233	20.4189	2.2132	-1.5035
Base	49	258	DWals15	Combination	-69.6744	54.4585	1332.9402	23.4173	-24.6337	-1.4271

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	49	258	DWals16	Combination	-9.5039	27.8133	1212.7899	37.0648	56.7795	-2.188
Base	49	258	DWals17	Combination	-27.4383	8.1185	1231.2182	70.0233	28.0374	-0.8298
Base	49	258	DWals18	Combination	-51.74	74.1533	1314.5119	-9.5411	4.1084	-2.7853
Base	49	258	DWals19	Combination	-81.7675	61.0614	1534.1361	25.2254	-34.3026	-1.7816
Base	49	258	DWals20	Combination	-6.5544	27.7549	1383.9483	42.2848	67.4639	-2.7327
Base	49	258	DWals21	Combination	-28.9724	3.1364	1406.9836	83.4829	31.5362	-1.035
Base	49	258	DWals22	Combination	-59.3496	85.6799	1511.1007	-15.9727	1.625	-3.4794
Base	49	258	DWals23	Combination	-64.1031	43.2981	950.5192	11.7233	-40.9349	-0.8787
Base	49	258	DWals24	Combination	11.11	9.9917	800.3314	28.7828	60.8316	-1.8299
Base	49	258	DWals25	Combination	-11.308	-14.6268	823.3667	69.9808	24.904	-0.1321
Base	49	258	DWals26	Combination	-41.6852	67.9166	927.4839	-29.4747	-5.0073	-2.5765
Base	50	260	Dead	LinStatic	-52.2561	-15.5981	1539.6676	4.5713	13.0393	-1.1278
Base	50	260	Live	LinStatic	-8.9465	-1.5493	176.9456	0.0242	3.8681	0.0317
Base	50	260	windx	LinStatic	-0.1952	3.1	1.6282	-3.2194	-0.3789	-0.0683
Base	50	260	windy	LinStatic	9.1606	-0.6462	-2.7868	0.1236	6.4194	0.0183
Base	50	260	seismic x	LinStatic	-43.1547	11.4802	70.8351	-5.6806	-41.835	0.023
Base	50	260	seismic y	LinStatic	0.5679	-40.8985	-24.5432	38.8455	2.6967	0.8839
Base	50	260	1.5(DL+LL)	Combination	-91.804	-25.7211	2574.9199	6.8933	25.361	-1.6442
Base	50	260	1.5(DL+EQ:+X)	Combination	-143.1163	-6.1769	2415.7541	-1.6638	-43.1936	-1.6572
Base	50	260	1.5(DL+EQ:-X)	Combination	-13.6521	-40.6175	2203.2488	15.3778	82.3114	-1.7261
Base	50	260	1.5(DL+EQ:+Y)	Combination	-77.5324	-84.7449	2272.6866	65.1253	23.604	-0.3659
Base	50	260	1.5(DL+EQ:-Y)	Combination	-79.236	37.9505	2346.3162	-51.4113	15.5138	-3.0175
Base	50	260	1.5(DL+WL:+X)	Combination	-78.677	-18.7473	2311.9437	2.0279	18.9905	-1.7941
Base	50	260	1.5(DL+WL:-X)	Combination	-78.0914	-28.0471	2307.0592	11.686	20.1273	-1.5893
Base	50	260	1.5(DL+WL:+Y)	Combination	-64.6433	-24.3666	2305.3212	7.0424	29.188	-1.6643
Base	50	260	1.5(DL+WL:-Y)	Combination	-92.1251	-22.4278	2313.6816	6.6716	9.9297	-1.7191
Base	50	260	1.2(DL+LL+WL:+X)	Combination	-73.6775	-16.857	2061.8897	1.6514	19.8341	-1.3973
Base	50	260	1.2(DL+LL+WL:-X)	Combination	-73.2089	-24.2969	2057.9821	9.3779	20.7435	-1.2334
Base	50	260	1.2(DL+LL+WL:+Y)	Combination	-62.4505	-21.3524	2056.5918	5.663	27.9921	-1.2935
Base	50	260	1.2(DL+LL+WL:-Y)	Combination	-84.4359	-19.8014	2063.2801	5.3663	12.5855	-1.3373
Base	50	260	1.2(DL+LL+EQ:+X)	Combination	-125.2289	-6.8007	2144.938	-1.302	-29.9132	-1.2878
Base	50	260	1.2(DL+LL+EQ:-X)	Combination	-21.6575	-34.3532	1974.9338	12.3313	70.4908	-1.3429
Base	50	260	1.2(DL+LL+EQ:+Y)	Combination	-72.7617	-69.6551	2030.4841	52.1293	23.5249	-0.2547
Base	50	260	1.2(DL+LL+EQ:-Y)	Combination	-74.1246	28.5012	2089.3878	-41.1	17.0528	-2.376
Base	50	260	0.9DL+1.5EQ+X	Combination	-111.7626	3.182	1491.9535	-4.4066	-51.0171	-0.9806
Base	50	260	0.9DL+1.5EQ-X	Combination	17.7016	-31.2586	1279.4482	12.635	74.4878	-1.0495
Base	50	260	0.9DL+1.5EQY+	Combination	-46.1787	-75.386	1348.886	62.3825	15.7804	0.3108
Base	50	260	0.9DL+1.5EQY-	Combination	-47.8823	47.3094	1422.5157	-54.1541	7.6903	-2.3408
Base	50	260	DWals1	Combination	-78.3842	-23.3972	2309.5014	6.857	19.5589	-1.6917
Base	50	260	DWals2	Combination	-91.804	-25.7211	2574.9199	6.8933	25.361	-1.6442
Base	50	260	DWals3	Combination	-73.6775	-16.857	2061.8897	1.6514	19.8341	-1.3973
Base	50	260	DWals4	Combination	-73.2089	-24.2969	2057.9821	9.3779	20.7435	-1.2334
Base	50	260	DWals5	Combination	-62.4505	-21.3524	2056.5918	5.663	27.9921	-1.2935
Base	50	260	DWals6	Combination	-84.4359	-19.8014	2063.2801	5.3663	12.5855	-1.3373
Base	50	260	DWals7	Combination	-78.677	-18.7473	2311.9437	2.0279	18.9905	-1.7941

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	50	260	DWals8	Combination	-78.0914	-28.0471	2307.0592	11.686	20.1273	-1.5893
Base	50	260	DWals9	Combination	-64.6433	-24.3666	2305.3212	7.0424	29.188	-1.6643
Base	50	260	DWals10	Combination	-92.1251	-22.4278	2313.6816	6.6716	9.9297	-1.7191
Base	50	260	DWals11	Combination	-47.3234	-9.3884	1388.1431	-0.7149	11.1669	-1.1175
Base	50	260	DWals12	Combination	-46.7377	-18.6883	1383.2586	8.9432	12.3037	-0.9126
Base	50	260	DWals13	Combination	-33.2896	-15.0077	1381.5207	4.2996	21.3645	-0.9876
Base	50	260	DWals14	Combination	-60.7714	-13.0689	1389.881	3.9288	2.1062	-1.0424
Base	50	260	DWals15	Combination	-125.2289	-6.8007	2144.938	-1.302	-29.9132	-1.2878
Base	50	260	DWals16	Combination	-21.6575	-34.3532	1974.9338	12.3313	70.4908	-1.3429
Base	50	260	DWals17	Combination	-72.7617	-69.6551	2030.4841	52.1293	23.5249	-0.2547
Base	50	260	DWals18	Combination	-74.1246	28.5012	2089.3878	-41.1	17.0528	-2.376
Base	50	260	DWals19	Combination	-143.1163	-6.1769	2415.7541	-1.6638	-43.1936	-1.6572
Base	50	260	DWals20	Combination	-13.6521	-40.6175	2203.2488	15.3778	82.3114	-1.7261
Base	50	260	DWals21	Combination	-77.5324	-84.7449	2272.6866	65.1253	23.604	-0.3659
Base	50	260	DWals22	Combination	-79.236	37.9505	2346.3162	-51.4113	15.5138	-3.0175
Base	50	260	DWals23	Combination	-111.7626	3.182	1491.9535	-4.4066	-51.0171	-0.9806
Base	50	260	DWals24	Combination	17.7016	-31.2586	1279.4482	12.635	74.4878	-1.0495
Base	50	260	DWals25	Combination	-46.1787	-75.386	1348.886	62.3825	15.7804	0.3108
Base	50	260	DWals26	Combination	-47.8823	47.3094	1422.5157	-54.1541	7.6903	-2.3408
Base	51	264	Dead	LinStatic	-107.3868	-27.3728	1393.8916	-2.5102	-24.7179	-0.7614
Base	51	264	Live	LinStatic	-6.5781	2.2809	130.9677	-1.2178	-1.2499	0.0108
Base	51	264	windx	LinStatic	-0.4795	43.5489	147.4917	-8.0254	-0.5436	-0.0196
Base	51	264	windy	LinStatic	29.3054	-7.9829	-122.3469	1.7679	7.3692	-0.1492
Base	51	264	seismic x	LinStatic	-279.889	71.0313	1729.9386	-17.903	-77.6681	1.6874
Base	51	264	seismic y	LinStatic	4.9763	-435.1406	-1684.123	82.5346	5.6278	0.4837
Base	51	264	1.5(DL+LL)	Combination	-170.9473	-37.6378	2287.289	-5.592	-38.9518	-1.1259
Base	51	264	1.5(DL+EQ:+X)	Combination	-580.9138	65.4878	4685.7454	-30.6197	-153.5791	1.389
Base	51	264	1.5(DL+EQ:-X)	Combination	258.7533	-147.6061	-504.0705	23.0892	79.4253	-3.6732
Base	51	264	1.5(DL+EQ:+Y)	Combination	-153.6158	-693.77	-435.3471	120.0366	-28.6352	-0.4165
Base	51	264	1.5(DL+EQ:-Y)	Combination	-168.5447	611.6517	4617.022	-127.5672	-45.5186	-1.8677
Base	51	264	1.5(DL+WL:+X)	Combination	-161.7995	24.2641	2312.075	-15.8034	-37.8923	-1.1715
Base	51	264	1.5(DL+WL:-X)	Combination	-160.361	-106.3825	1869.5999	8.2729	-36.2616	-1.1128
Base	51	264	1.5(DL+WL:+Y)	Combination	-117.1221	-53.0336	1907.317	-1.1134	-26.0232	-1.3659
Base	51	264	1.5(DL+WL:-Y)	Combination	-205.0383	-29.0848	2274.3578	-6.4172	-48.1306	-0.9184
Base	51	264	1.2(DL+LL+WL:+X)	Combination	-137.3333	22.1484	2006.8213	-14.1041	-31.8137	-0.9242
Base	51	264	1.2(DL+LL+WL:-X)	Combination	-136.1825	-82.3689	1652.8412	5.1569	-30.5092	-0.8772
Base	51	264	1.2(DL+LL+WL:+Y)	Combination	-101.5914	-39.6897	1683.0149	-2.3521	-22.3185	-1.0797
Base	51	264	1.2(DL+LL+WL:-Y)	Combination	-171.9244	-20.5307	1976.6475	-6.5951	-40.0044	-0.7217
Base	51	264	1.2(DL+LL+EQ:+X)	Combination	-472.6247	55.1273	3905.7576	-25.9572	-124.3632	1.1242
Base	51	264	1.2(DL+LL+EQ:-X)	Combination	199.1089	-115.3478	-246.0951	17.01	62.0403	-2.9256
Base	51	264	1.2(DL+LL+EQ:+Y)	Combination	-130.7863	-552.2789	-191.1164	94.5679	-24.4081	-0.3203
Base	51	264	1.2(DL+LL+EQ:-Y)	Combination	-142.7294	492.0584	3850.7789	-103.5151	-37.9148	-1.4812
Base	51	264	0.9DL+1.5EQ+X	Combination	-516.4817	81.9114	3849.4104	-29.1136	-138.7483	1.8458
Base	51	264	0.9DL+1.5EQ-X	Combination	323.1854	-131.1825	-1340.4055	24.5953	94.256	-3.2164
Base	51	264	0.9DL+1.5EQY+	Combination	-89.1837	-677.3463	-1271.6821	121.5427	-13.8045	0.0403

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	51	264	0.9DL+1.5EQY-	Combination	-104.1126	628.0753	3780.687	-126.0611	-30.6878	-1.4108
Base	51	264	DWals1	Combination	-161.0802	-41.0592	2090.8374	-3.7653	-37.0769	-1.1421
Base	51	264	DWals2	Combination	-170.9473	-37.6378	2287.289	-5.592	-38.9518	-1.1259
Base	51	264	DWals3	Combination	-137.3333	22.1484	2006.8213	-14.1041	-31.8137	-0.9242
Base	51	264	DWals4	Combination	-136.1825	-82.3689	1652.8412	5.1569	-30.5092	-0.8772
Base	51	264	DWals5	Combination	-101.5914	-39.6897	1683.0149	-2.3521	-22.3185	-1.0797
Base	51	264	DWals6	Combination	-171.9244	-20.5307	1976.6475	-6.5951	-40.0044	-0.7217
Base	51	264	DWals7	Combination	-161.7995	24.2641	2312.075	-15.8034	-37.8923	-1.1715
Base	51	264	DWals8	Combination	-160.361	-106.3825	1869.5999	8.2729	-36.2616	-1.1128
Base	51	264	DWals9	Combination	-117.1221	-53.0336	1907.317	-1.1134	-26.0232	-1.3659
Base	51	264	DWals10	Combination	-205.0383	-29.0848	2274.3578	-6.4172	-48.1306	-0.9184
Base	51	264	DWals11	Combination	-97.3674	40.6878	1475.74	-14.2973	-23.0615	-0.7146
Base	51	264	DWals12	Combination	-95.9289	-89.9588	1033.2649	9.779	-21.4308	-0.6559
Base	51	264	DWals13	Combination	-52.6901	-36.6099	1070.9821	0.3927	-11.1924	-0.909
Base	51	264	DWals14	Combination	-140.6062	-12.6611	1438.0228	-4.9111	-33.2999	-0.4615
Base	51	264	DWals15	Combination	-472.6247	55.1273	3905.7576	-25.9572	-124.3632	1.1242
Base	51	264	DWals16	Combination	199.1089	-115.3478	-246.0951	17.01	62.0403	-2.9256
Base	51	264	DWals17	Combination	-130.7863	-552.2789	-191.1164	94.5679	-24.4081	-0.3203
Base	51	264	DWals18	Combination	-142.7294	492.0584	3850.7789	-103.5151	-37.9148	-1.4812
Base	51	264	DWals19	Combination	-580.9138	65.4878	4685.7454	-30.6197	-153.5791	1.389
Base	51	264	DWals20	Combination	258.7533	-147.6061	-504.0705	23.0892	79.4253	-3.6732
Base	51	264	DWals21	Combination	-153.6158	-693.77	-435.3471	120.0366	-28.6352	-0.4165
Base	51	264	DWals22	Combination	-168.5447	611.6517	4617.022	-127.5672	-45.5186	-1.8677
Base	51	264	DWals23	Combination	-516.4817	81.9114	3849.4104	-29.1136	-138.7483	1.8458
Base	51	264	DWals24	Combination	323.1854	-131.1825	-1340.4055	24.5953	94.256	-3.2164
Base	51	264	DWals25	Combination	-89.1837	-677.3463	-1271.6821	121.5427	-13.8045	0.0403
Base	51	264	DWals26	Combination	-104.1126	628.0753	3780.687	-126.0611	-30.6878	-1.4108
Base	52	272	Dead	LinStatic	-107.175	-97.7938	1757.3605	22.8962	-25.9793	-1.5656
Base	52	272	Live	LinStatic	-6.9726	0.9114	113.3053	0.568	-1.2813	0.012
Base	52	272	windx	LinStatic	-0.4658	43.4168	-146.5345	-8.0713	0.377	-0.0713
Base	52	272	windy	LinStatic	30.3365	3.4762	-101.8182	-0.8986	7.5956	0.1059
Base	52	272	seismic x	LinStatic	-271.0617	-79.7979	1720.3814	19.1066	-75.9434	-1.7817
Base	52	272	seismic y	LinStatic	-6.4103	-436.7301	1695.1683	82.9523	-6.1175	0.4502
Base	52	272	1.5(DL+LL)	Combination	-171.2214	-145.3235	2805.9986	35.1963	-40.8909	-2.3304
Base	52	272	1.5(DL+EQ:+X)	Combination	-567.3551	-266.3876	5216.6127	63.0042	-152.8839	-5.021
Base	52	272	1.5(DL+EQ:-X)	Combination	245.8301	-26.9938	55.4686	5.6844	74.9461	0.3242
Base	52	272	1.5(DL+EQ:+Y)	Combination	-170.3779	-801.7859	5178.7931	158.7728	-48.1452	-1.6731
Base	52	272	1.5(DL+EQ:-Y)	Combination	-151.1471	508.4044	93.2883	-90.0842	-29.7926	-3.0238
Base	52	272	1.5(DL+WL:+X)	Combination	-161.4612	-81.5656	2416.2389	22.2373	-38.4033	-2.4554
Base	52	272	1.5(DL+WL:-X)	Combination	-160.0638	-211.8159	2855.8425	46.4513	-39.5345	-2.2415
Base	52	272	1.5(DL+WL:+Y)	Combination	-115.2577	-141.4764	2483.3134	32.9964	-27.5755	-2.1896
Base	52	272	1.5(DL+WL:-Y)	Combination	-206.2673	-151.9051	2788.768	35.6921	-50.3623	-2.5072
Base	52	272	1.2(DL+LL+WL:+X)	Combination	-137.536	-64.1587	2068.9575	18.4714	-32.2603	-1.9499
Base	52	272	1.2(DL+LL+WL:-X)	Combination	-136.4181	-168.3589	2420.6403	37.8426	-33.1652	-1.7788
Base	52	272	1.2(DL+LL+WL:+Y)	Combination	-100.5732	-112.0874	2122.6171	27.0787	-23.598	-1.7373

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	52	272	1.2(DL+LL+WL:-Y)	Combination	-173.3809	-120.4303	2366.9807	29.2353	-41.8274	-1.9914
Base	52	272	1.2(DL+LL+EQ:+X)	Combination	-462.2512	-212.0164	4309.2565	51.0849	-123.8447	-4.0024
Base	52	272	1.2(DL+LL+EQ:-X)	Combination	188.297	-20.5013	180.3413	5.2291	58.4193	0.2737
Base	52	272	1.2(DL+LL+EQ:+Y)	Combination	-144.6694	-640.335	4279.0008	127.6998	-40.0538	-1.3241
Base	52	272	1.2(DL+LL+EQ:-Y)	Combination	-129.2848	407.8173	210.597	-71.3858	-25.3717	-2.4046
Base	52	272	0.9DL+1.5EQ+X	Combination	-503.0501	-207.7113	4162.1965	49.2665	-137.2964	-4.0817
Base	52	272	0.9DL+1.5EQ-X	Combination	310.1351	31.6825	-998.9476	-8.0533	90.5337	1.2636
Base	52	272	0.9DL+1.5EQY+	Combination	-106.0729	-743.1096	4124.3768	145.035	-32.5576	-0.7337
Base	52	272	0.9DL+1.5EQY-	Combination	-86.8421	567.0807	-961.128	-103.8219	-14.205	-2.0844
Base	52	272	DWals1	Combination	-160.7625	-146.6907	2636.0407	34.3443	-38.9689	-2.3484
Base	52	272	DWals2	Combination	-171.2214	-145.3235	2805.9986	35.1963	-40.8909	-2.3304
Base	52	272	DWals3	Combination	-137.536	-64.1587	2068.9575	18.4714	-32.2603	-1.9499
Base	52	272	DWals4	Combination	-136.4181	-168.3589	2420.6403	37.8426	-33.1652	-1.7788
Base	52	272	DWals5	Combination	-100.5732	-112.0874	2122.6171	27.0787	-23.598	-1.7373
Base	52	272	DWals6	Combination	-173.3809	-120.4303	2366.9807	29.2353	-41.8274	-1.9914
Base	52	272	DWals7	Combination	-161.4612	-81.5656	2416.2389	22.2373	-38.4033	-2.4554
Base	52	272	DWals8	Combination	-160.0638	-211.8159	2855.8425	46.4513	-39.5345	-2.2415
Base	52	272	DWals9	Combination	-115.2577	-141.4764	2483.3134	32.9964	-27.5755	-2.1896
Base	52	272	DWals10	Combination	-206.2673	-151.9051	2788.768	35.6921	-50.3623	-2.5072
Base	52	272	DWals11	Combination	-97.1562	-22.8893	1361.8226	8.4996	-22.8158	-1.516
Base	52	272	DWals12	Combination	-95.7588	-153.1396	1801.4262	32.7135	-23.9469	-1.3021
Base	52	272	DWals13	Combination	-50.9527	-82.8001	1428.8971	19.2587	-11.9879	-1.2503
Base	52	272	DWals14	Combination	-141.9623	-93.2288	1734.3517	21.9544	-34.7747	-1.5678
Base	52	272	DWals15	Combination	-462.2512	-212.0164	4309.2565	51.0849	-123.8447	-4.0024
Base	52	272	DWals16	Combination	188.297	-20.5013	180.3413	5.2291	58.4193	0.2737
Base	52	272	DWals17	Combination	-144.6694	-640.335	4279.0008	127.6998	-40.0538	-1.3241
Base	52	272	DWals18	Combination	-129.2848	407.8173	210.597	-71.3858	-25.3717	-2.4046
Base	52	272	DWals19	Combination	-567.3551	-266.3876	5216.6127	63.0042	-152.8839	-5.021
Base	52	272	DWals20	Combination	245.8301	-26.9938	55.4686	5.6844	74.9461	0.3242
Base	52	272	DWals21	Combination	-170.3779	-801.7859	5178.7931	158.7728	-48.1452	-1.6731
Base	52	272	DWals22	Combination	-151.1471	508.4044	93.2883	-90.0842	-29.7926	-3.0238
Base	52	272	DWals23	Combination	-503.0501	-207.7113	4162.1965	49.2665	-137.2964	-4.0817
Base	52	272	DWals24	Combination	310.1351	31.6825	-998.9476	-8.0533	90.5337	1.2636
Base	52	272	DWals25	Combination	-106.0729	-743.1096	4124.3768	145.035	-32.5576	-0.7337
Base	52	272	DWals26	Combination	-86.8421	567.0807	-961.128	-103.8219	-14.205	-2.0844
Base	53	280	Dead	LinStatic	-54.5505	-1.2243	1546.6405	4.3823	10.6042	-1.4885
Base	53	280	Live	LinStatic	-9.3975	1.46	176.9293	-0.1413	3.5523	-0.0246
Base	53	280	windx	LinStatic	-0.1987	5.038	-1.5602	-4.3636	0.2586	-0.1087
Base	53	280	windy	LinStatic	9.3028	0.554	-3.0962	0.1416	6.962	-0.0505
Base	53	280	seismic x	LinStatic	-40.115	-11.1455	71.349	5.7078	-38.8997	-0.12
Base	53	280	seismic y	LinStatic	-0.002	-40.856	24.8058	38.5721	-2.9525	0.9187
Base	53	280	1.5(DL+LL)	Combination	-95.922	0.3535	2585.3546	6.3616	21.2347	-2.2697
Base	53	280	1.5(DL+EQ:+X)	Combination	-141.9983	-18.5547	2426.9842	15.1352	-42.4433	-2.4128
Base	53	280	1.5(DL+EQ:-X)	Combination	-21.6533	14.8819	2212.9373	-1.9882	74.2558	-2.0527
Base	53	280	1.5(DL+EQ:+Y)	Combination	-81.8288	-63.1204	2357.1694	64.4317	11.4775	-0.8547

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	53	280	1.5(DL+EQ:-Y)	Combination	-81.8228	59.4476	2282.7521	-51.2847	20.335	-3.6108
Base	53	280	1.5(DL+WL:+X)	Combination	-82.1239	5.7206	2317.6204	0.0282	16.2941	-2.3957
Base	53	280	1.5(DL+WL:-X)	Combination	-81.5277	-9.3934	2322.3011	13.1189	15.5183	-2.0698
Base	53	280	1.5(DL+WL:+Y)	Combination	-67.8716	-1.0055	2315.3164	6.786	26.3493	-2.3085
Base	53	280	1.5(DL+WL:-Y)	Combination	-95.78	-2.6674	2324.6051	6.3611	5.4632	-2.157
Base	53	280	1.2(DL+LL+WL:+X)	Combination	-76.9761	6.3284	2066.4114	-0.147	17.2981	-1.9462
Base	53	280	1.2(DL+LL+WL:-X)	Combination	-76.4991	-5.7628	2070.156	10.3256	16.6775	-1.6854
Base	53	280	1.2(DL+LL+WL:+Y)	Combination	-65.5743	0.9476	2064.5682	5.2592	25.3422	-1.8764
Base	53	280	1.2(DL+LL+WL:-Y)	Combination	-87.901	-0.3819	2071.9992	4.9193	8.6334	-1.7552
Base	53	280	1.2(DL+LL+EQ:+X)	Combination	-124.8757	-13.0918	2153.9025	11.9387	-29.6918	-1.9598
Base	53	280	1.2(DL+LL+EQ:-X)	Combination	-28.5996	13.6575	1982.6649	-1.7601	63.6674	-1.6718
Base	53	280	1.2(DL+LL+EQ:+Y)	Combination	-76.7401	-48.7444	2098.0507	51.3758	13.4448	-0.7133
Base	53	280	1.2(DL+LL+EQ:-Y)	Combination	-76.7352	49.31	2038.5168	-41.1973	20.5308	-2.9183
Base	53	280	0.9DL+1.5EQ+X	Combination	-109.268	-17.8202	1498.9999	12.5058	-48.8058	-1.5197
Base	53	280	0.9DL+1.5EQ-X	Combination	11.077	15.6165	1284.953	-4.6176	67.8933	-1.1596
Base	53	280	0.9DL+1.5EQY+	Combination	-49.0985	-62.3858	1429.1851	61.8023	5.115	0.0384
Base	53	280	0.9DL+1.5EQY-	Combination	-49.0925	60.1821	1354.7678	-53.9141	13.9725	-2.7177
Base	53	280	DWals1	Combination	-81.8258	-1.8364	2319.9607	6.5735	15.9062	-2.2328
Base	53	280	DWals2	Combination	-95.922	0.3535	2585.3546	6.3616	21.2347	-2.2697
Base	53	280	DWals3	Combination	-76.9761	6.3284	2066.4114	-0.147	17.2981	-1.9462
Base	53	280	DWals4	Combination	-76.4991	-5.7628	2070.156	10.3256	16.6775	-1.6854
Base	53	280	DWals5	Combination	-65.5743	0.9476	2064.5682	5.2592	25.3422	-1.8764
Base	53	280	DWals6	Combination	-87.901	-0.3819	2071.9992	4.9193	8.6334	-1.7552
Base	53	280	DWals7	Combination	-82.1239	5.7206	2317.6204	0.0282	16.2941	-2.3957
Base	53	280	DWals8	Combination	-81.5277	-9.3934	2322.3011	13.1189	15.5183	-2.0698
Base	53	280	DWals9	Combination	-67.8716	-1.0055	2315.3164	6.786	26.3493	-2.3085
Base	53	280	DWals10	Combination	-95.78	-2.6674	2324.6051	6.3611	5.4632	-2.157
Base	53	280	DWals11	Combination	-49.3936	6.4552	1389.6361	-2.6012	9.9317	-1.5026
Base	53	280	DWals12	Combination	-48.7974	-8.6589	1394.3168	10.4894	9.1558	-1.1767
Base	53	280	DWals13	Combination	-35.1413	-0.2709	1387.3321	4.1566	19.9868	-1.4154
Base	53	280	DWals14	Combination	-63.0497	-1.9328	1396.6208	3.7317	-0.8993	-1.2639
Base	53	280	DWals15	Combination	-124.8757	-13.0918	2153.9025	11.9387	-29.6918	-1.9598
Base	53	280	DWals16	Combination	-28.5996	13.6575	1982.6649	-1.7601	63.6674	-1.6718
Base	53	280	DWals17	Combination	-76.7401	-48.7444	2098.0507	51.3758	13.4448	-0.7133
Base	53	280	DWals18	Combination	-76.7352	49.31	2038.5168	-41.1973	20.5308	-2.9183
Base	53	280	DWals19	Combination	-141.9983	-18.5547	2426.9842	15.1352	-42.4433	-2.4128
Base	53	280	DWals20	Combination	-21.6533	14.8819	2212.9373	-1.9882	74.2558	-2.0527
Base	53	280	DWals21	Combination	-81.8288	-63.1204	2357.1694	64.4317	11.4775	-0.8547
Base	53	280	DWals22	Combination	-81.8228	59.4476	2282.7521	-51.2847	20.335	-3.6108
Base	53	280	DWals23	Combination	-109.268	-17.8202	1498.9999	12.5058	-48.8058	-1.5197
Base	53	280	DWals24	Combination	11.077	15.6165	1284.953	-4.6176	67.8933	-1.1596
Base	53	280	DWals25	Combination	-49.0985	-62.3858	1429.1851	61.8023	5.115	0.0384
Base	53	280	DWals26	Combination	-49.0925	60.1821	1354.7678	-53.9141	13.9725	-2.7177
Base	54	282	Dead	LinStatic	-33.8925	-42.8299	979.8337	-15.0279	6.3362	-1.4597
Base	54	282	Live	LinStatic	-3.7826	-4.8208	87.8895	-2.7936	2.0681	0.0105

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	54	282	windx	LinStatic	0.823	6.2997	-2.2988	-5.3361	1.0652	-0.006
Base	54	282	windy	LinStatic	6.138	0.2509	-2.2135	0.3778	6.0962	-0.1439
Base	54	282	seismic x	LinStatic	-22.3899	-10.3564	50.0989	5.4981	-30.1842	-0.3934
Base	54	282	seismic y	LinStatic	-9.8399	-27.2216	34.9793	32.7465	-10.7012	0.8672
Base	54	282	1.5(DL+LL)	Combination	-56.5126	-71.4761	1601.5847	-26.7323	12.6065	-2.1737
Base	54	282	1.5(DL+EQ:+X)	Combination	-84.4235	-79.7796	1544.8988	-14.2947	-35.772	-2.7796
Base	54	282	1.5(DL+EQ:-X)	Combination	-17.2539	-48.7103	1394.6022	-30.789	54.7807	-1.5994
Base	54	282	1.5(DL+EQ:+Y)	Combination	-65.5985	-105.0774	1522.2195	26.5779	-6.5475	-0.8888
Base	54	282	1.5(DL+EQ:-Y)	Combination	-36.0788	-23.4125	1417.2815	-71.6616	25.5562	-3.4902
Base	54	282	1.5(DL+WL:+X)	Combination	-49.6042	-54.7954	1466.3023	-30.5461	11.1021	-2.1985
Base	54	282	1.5(DL+WL:-X)	Combination	-52.0731	-73.6944	1473.1986	-14.5376	7.9066	-2.1805
Base	54	282	1.5(DL+WL:+Y)	Combination	-41.6318	-63.8685	1466.4303	-21.9752	18.6486	-2.4053
Base	54	282	1.5(DL+WL:-Y)	Combination	-60.0456	-64.6213	1473.0707	-23.1085	0.3601	-1.9737
Base	54	282	1.2(DL+LL+WL:+X)	Combination	-44.2226	-49.6213	1278.5093	-27.7892	11.3635	-1.7462
Base	54	282	1.2(DL+LL+WL:-X)	Combination	-46.1977	-64.7405	1284.0263	-14.9825	8.807	-1.7318
Base	54	282	1.2(DL+LL+WL:+Y)	Combination	-37.8446	-56.8798	1278.6116	-20.9325	17.4006	-1.9116
Base	54	282	1.2(DL+LL+WL:-Y)	Combination	-52.5757	-57.482	1283.924	-21.8392	2.7698	-1.5663
Base	54	282	1.2(DL+LL+EQ:+X)	Combination	-72.078	-69.6086	1341.3864	-14.7881	-26.1358	-2.2111
Base	54	282	1.2(DL+LL+EQ:-X)	Combination	-18.3423	-44.7532	1221.1492	-27.9836	46.3063	-1.2669
Base	54	282	1.2(DL+LL+EQ:+Y)	Combination	-57.018	-89.8469	1323.243	17.91	-2.7562	-0.6984
Base	54	282	1.2(DL+LL+EQ:-Y)	Combination	-33.4022	-24.5149	1239.2926	-60.6816	22.9267	-2.7796
Base	54	282	0.9DL+1.5EQ+X	Combination	-64.088	-54.0816	956.9986	-5.2779	-39.5737	-1.9038
Base	54	282	0.9DL+1.5EQ-X	Combination	3.0816	-23.0123	806.702	-21.7723	50.9789	-0.7236
Base	54	282	0.9DL+1.5EQY+	Combination	-45.263	-79.3794	934.3193	35.5947	-10.3493	-0.013
Base	54	282	0.9DL+1.5EQY-	Combination	-15.7434	2.2855	829.3813	-62.6449	21.7545	-2.6144
Base	54	282	DWals1	Combination	-50.8387	-64.2449	1469.7505	-22.5418	9.5043	-2.1895
Base	54	282	DWals2	Combination	-56.5126	-71.4761	1601.5847	-26.7323	12.6065	-2.1737
Base	54	282	DWals3	Combination	-44.2226	-49.6213	1278.5093	-27.7892	11.3635	-1.7462
Base	54	282	DWals4	Combination	-46.1977	-64.7405	1284.0263	-14.9825	8.807	-1.7318
Base	54	282	DWals5	Combination	-37.8446	-56.8798	1278.6116	-20.9325	17.4006	-1.9116
Base	54	282	DWals6	Combination	-52.5757	-57.482	1283.924	-21.8392	2.7698	-1.5663
Base	54	282	DWals7	Combination	-49.6042	-54.7954	1466.3023	-30.5461	11.1021	-2.1985
Base	54	282	DWals8	Combination	-52.0731	-73.6944	1473.1986	-14.5376	7.9066	-2.1805
Base	54	282	DWals9	Combination	-41.6318	-63.8685	1466.4303	-21.9752	18.6486	-2.4053
Base	54	282	DWals10	Combination	-60.0456	-64.6213	1473.0707	-23.1085	0.3601	-1.9737
Base	54	282	DWals11	Combination	-29.2688	-29.0975	878.4021	-21.5293	7.3004	-1.3227
Base	54	282	DWals12	Combination	-31.7376	-47.9964	885.2984	-5.5209	4.1048	-1.3047
Base	54	282	DWals13	Combination	-21.2963	-38.1706	878.5301	-12.9584	14.8468	-1.5295
Base	54	282	DWals14	Combination	-39.7101	-38.9234	885.1705	-14.0918	-3.4416	-1.0979
Base	54	282	DWals15	Combination	-72.078	-69.6086	1341.3864	-14.7881	-26.1358	-2.2111
Base	54	282	DWals16	Combination	-18.3423	-44.7532	1221.1492	-27.9836	46.3063	-1.2669
Base	54	282	DWals17	Combination	-57.018	-89.8469	1323.243	17.91	-2.7562	-0.6984
Base	54	282	DWals18	Combination	-33.4022	-24.5149	1239.2926	-60.6816	22.9267	-2.7796
Base	54	282	DWals19	Combination	-84.4235	-79.7796	1544.8988	-14.2947	-35.772	-2.7796
Base	54	282	DWals20	Combination	-17.2539	-48.7103	1394.6022	-30.789	54.7807	-1.5994

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	54	282	DWals21	Combination	-65.5985	-105.0774	1522.2195	26.5779	-6.5475	-0.8888
Base	54	282	DWals22	Combination	-36.0788	-23.4125	1417.2815	-71.6616	25.5562	-3.4902
Base	54	282	DWals23	Combination	-64.088	-54.0816	956.9986	-5.2779	-39.5737	-1.9038
Base	54	282	DWals24	Combination	3.0816	-23.0123	806.702	-21.7723	50.9789	-0.7236
Base	54	282	DWals25	Combination	-45.263	-79.3794	934.3193	35.5947	-10.3493	-0.013
Base	54	282	DWals26	Combination	-15.7434	2.2855	829.3813	-62.6449	21.7545	-2.6144
Base	55	294	Dead	LinStatic	-61.3158	-2.7395	1309.334	0	0	0
Base	55	294	Live	LinStatic	-2.2781	4.5383	96.5813	0	0	0
Base	55	294	windx	LinStatic	6.0305	-1.4107	-77.5493	0	0	0
Base	55	294	windy	LinStatic	5.0369	1.4052	-59.9699	0	0	0
Base	55	294	seismic x	LinStatic	-162.1315	-25.5771	1336.3472	0	0	0
Base	55	294	seismic y	LinStatic	-81.6253	12.1518	1156.2157	0	0	0
Base	55	294	1.5(DL+LL)	Combination	-95.3907	2.6981	2108.8729	0	0	0
Base	55	294	1.5(DL+EQ:+X)	Combination	-335.1708	-42.475	3968.5217	0	0	0
Base	55	294	1.5(DL+EQ:-X)	Combination	151.2236	34.2564	-40.5198	0	0	0
Base	55	294	1.5(DL+EQ:+Y)	Combination	-214.4116	14.1184	3698.3245	0	0	0
Base	55	294	1.5(DL+EQ:-Y)	Combination	30.4644	-22.337	229.6774	0	0	0
Base	55	294	1.5(DL+WL:+X)	Combination	-82.9279	-6.2254	1847.677	0	0	0
Base	55	294	1.5(DL+WL:-X)	Combination	-101.0194	-1.9932	2080.325	0	0	0
Base	55	294	1.5(DL+WL:+Y)	Combination	-84.4183	-2.0014	1874.0461	0	0	0
Base	55	294	1.5(DL+WL:-Y)	Combination	-99.529	-6.2171	2053.9558	0	0	0
Base	55	294	1.2(DL+LL+WL:+X)	Combination	-69.076	0.4656	1594.0391	0	0	0
Base	55	294	1.2(DL+LL+WL:-X)	Combination	-83.5492	3.8514	1780.1575	0	0	0
Base	55	294	1.2(DL+LL+WL:+Y)	Combination	-70.2683	3.8448	1615.1344	0	0	0
Base	55	294	1.2(DL+LL+WL:-Y)	Combination	-82.3569	0.4722	1759.0622	0	0	0
Base	55	294	1.2(DL+LL+EQ:+X)	Combination	-270.8704	-28.5341	3290.7149	0	0	0
Base	55	294	1.2(DL+LL+EQ:-X)	Combination	118.2452	32.851	83.4817	0	0	0
Base	55	294	1.2(DL+LL+EQ:+Y)	Combination	-174.263	16.7407	3074.5572	0	0	0
Base	55	294	1.2(DL+LL+EQ:-Y)	Combination	21.6378	-12.4237	299.6394	0	0	0
Base	55	294	0.9DL+1.5EQ+X	Combination	-298.3814	-40.8313	3182.9213	0	0	0
Base	55	294	0.9DL+1.5EQ-X	Combination	188.013	35.9001	-826.1202	0	0	0
Base	55	294	0.9DL+1.5EQY+	Combination	-177.6222	15.7622	2912.7242	0	0	0
Base	55	294	0.9DL+1.5EQY-	Combination	67.2538	-20.6933	-555.923	0	0	0
Base	55	294	DWals1	Combination	-91.9736	-4.1093	1964.001	0	0	0
Base	55	294	DWals2	Combination	-95.3907	2.6981	2108.8729	0	0	0
Base	55	294	DWals3	Combination	-69.076	0.4656	1594.0391	0	0	0
Base	55	294	DWals4	Combination	-83.5492	3.8514	1780.1575	0	0	0
Base	55	294	DWals5	Combination	-70.2683	3.8448	1615.1344	0	0	0
Base	55	294	DWals6	Combination	-82.3569	0.4722	1759.0622	0	0	0
Base	55	294	DWals7	Combination	-82.9279	-6.2254	1847.677	0	0	0
Base	55	294	DWals8	Combination	-101.0194	-1.9932	2080.325	0	0	0
Base	55	294	DWals9	Combination	-84.4183	-2.0014	1874.0461	0	0	0
Base	55	294	DWals10	Combination	-99.529	-6.2171	2053.9558	0	0	0
Base	55	294	DWals11	Combination	-46.1384	-4.5817	1062.0766	0	0	0
Base	55	294	DWals12	Combination	-64.2299	-0.3495	1294.7246	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	55	294	DWals13	Combination	-47.6288	-0.3577	1088.4458	0	0	0
Base	55	294	DWals14	Combination	-62.7395	-4.5734	1268.3554	0	0	0
Base	55	294	DWals15	Combination	-270.8704	-28.5341	3290.7149	0	0	0
Base	55	294	DWals16	Combination	118.2452	32.851	83.4817	0	0	0
Base	55	294	DWals17	Combination	-174.263	16.7407	3074.5572	0	0	0
Base	55	294	DWals18	Combination	21.6378	-12.4237	299.6394	0	0	0
Base	55	294	DWals19	Combination	-335.1708	-42.475	3968.5217	0	0	0
Base	55	294	DWals20	Combination	151.2236	34.2564	-40.5198	0	0	0
Base	55	294	DWals21	Combination	-214.4116	14.1184	3698.3245	0	0	0
Base	55	294	DWals22	Combination	30.4644	-22.337	229.6774	0	0	0
Base	55	294	DWals23	Combination	-298.3814	-40.8313	3182.9213	0	0	0
Base	55	294	DWals24	Combination	188.013	35.9001	-826.1202	0	0	0
Base	55	294	DWals25	Combination	-177.6222	15.7622	2912.7242	0	0	0
Base	55	294	DWals26	Combination	67.2538	-20.6933	-555.923	0	0	0
Base	56	324	Dead	LinStatic	-34.4153	2.4456	918.8597	0	0	0
Base	56	324	Live	LinStatic	-0.9152	-4.3055	80.4193	0	0	0
Base	56	324	windx	LinStatic	-5.1505	-1.2245	74.5235	0	0	0
Base	56	324	windy	LinStatic	2.9954	-1.1453	-38.4428	0	0	0
Base	56	324	seismic x	LinStatic	-155.9048	24.962	1320.1009	0	0	0
Base	56	324	seismic y	LinStatic	80.7552	11.9065	-1145.8059	0	0	0
Base	56	324	1.5(DL+LL)	Combination	-52.9957	-2.7898	1498.9186	0	0	0
Base	56	324	1.5(DL+EQ:+X)	Combination	-285.48	41.1114	3358.4409	0	0	0
Base	56	324	1.5(DL+EQ:-X)	Combination	182.2342	-33.7746	-601.8617	0	0	0
Base	56	324	1.5(DL+EQ:+Y)	Combination	69.5099	21.5281	-340.4192	0	0	0
Base	56	324	1.5(DL+EQ:-Y)	Combination	-172.7557	-14.1913	3096.9984	0	0	0
Base	56	324	1.5(DL+WL:+X)	Combination	-59.3487	1.8317	1490.0749	0	0	0
Base	56	324	1.5(DL+WL:-X)	Combination	-43.8971	5.5052	1266.5043	0	0	0
Base	56	324	1.5(DL+WL:+Y)	Combination	-47.1299	1.9506	1320.6254	0	0	0
Base	56	324	1.5(DL+WL:-Y)	Combination	-56.1159	5.3863	1435.9538	0	0	0
Base	56	324	1.2(DL+LL+WL:+X)	Combination	-48.5772	-3.7013	1288.5631	0	0	0
Base	56	324	1.2(DL+LL+WL:-X)	Combination	-36.216	-0.7625	1109.7067	0	0	0
Base	56	324	1.2(DL+LL+WL:+Y)	Combination	-38.8022	-3.6062	1153.0036	0	0	0
Base	56	324	1.2(DL+LL+WL:-Y)	Combination	-45.991	-0.8576	1245.2662	0	0	0
Base	56	324	1.2(DL+LL+EQ:+X)	Combination	-229.4823	27.7225	2783.2559	0	0	0
Base	56	324	1.2(DL+LL+EQ:-X)	Combination	144.6891	-32.1863	-384.9862	0	0	0
Base	56	324	1.2(DL+LL+EQ:+Y)	Combination	54.5097	12.0559	-175.8322	0	0	0
Base	56	324	1.2(DL+LL+EQ:-Y)	Combination	-139.3028	-16.5196	2574.1019	0	0	0
Base	56	324	0.9DL+1.5EQ+X	Combination	-264.8309	39.6441	2807.1251	0	0	0
Base	56	324	0.9DL+1.5EQ-X	Combination	202.8834	-35.2419	-1153.1775	0	0	0
Base	56	324	0.9DL+1.5EQY+	Combination	90.1591	20.0608	-891.7351	0	0	0
Base	56	324	0.9DL+1.5EQY-	Combination	-152.1065	-15.6586	2545.6826	0	0	0
Base	56	324	DWals1	Combination	-51.6229	3.6684	1378.2896	0	0	0
Base	56	324	DWals2	Combination	-52.9957	-2.7898	1498.9186	0	0	0
Base	56	324	DWals3	Combination	-48.5772	-3.7013	1288.5631	0	0	0
Base	56	324	DWals4	Combination	-36.216	-0.7625	1109.7067	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	56	324	DWals5	Combination	-38.8022	-3.6062	1153.0036	0	0	0
Base	56	324	DWals6	Combination	-45.991	-0.8576	1245.2662	0	0	0
Base	56	324	DWals7	Combination	-59.3487	1.8317	1490.0749	0	0	0
Base	56	324	DWals8	Combination	-43.8971	5.5052	1266.5043	0	0	0
Base	56	324	DWals9	Combination	-47.1299	1.9506	1320.6254	0	0	0
Base	56	324	DWals10	Combination	-56.1159	5.3863	1435.9538	0	0	0
Base	56	324	DWals11	Combination	-38.6995	0.3643	938.759	0	0	0
Base	56	324	DWals12	Combination	-23.248	4.0378	715.1885	0	0	0
Base	56	324	DWals13	Combination	-26.4807	0.4832	769.3096	0	0	0
Base	56	324	DWals14	Combination	-35.4668	3.9189	884.6379	0	0	0
Base	56	324	DWals15	Combination	-229.4823	27.7225	2783.2559	0	0	0
Base	56	324	DWals16	Combination	144.6891	-32.1863	-384.9862	0	0	0
Base	56	324	DWals17	Combination	54.5097	12.0559	-175.8322	0	0	0
Base	56	324	DWals18	Combination	-139.3028	-16.5196	2574.1019	0	0	0
Base	56	324	DWals19	Combination	-285.48	41.1114	3358.4409	0	0	0
Base	56	324	DWals20	Combination	182.2342	-33.7746	-601.8617	0	0	0
Base	56	324	DWals21	Combination	69.5099	21.5281	-340.4192	0	0	0
Base	56	324	DWals22	Combination	-172.7557	-14.1913	3096.9984	0	0	0
Base	56	324	DWals23	Combination	-264.8309	39.6441	2807.1251	0	0	0
Base	56	324	DWals24	Combination	202.8834	-35.2419	-1153.1775	0	0	0
Base	56	324	DWals25	Combination	90.1591	20.0608	-891.7351	0	0	0
Base	56	324	DWals26	Combination	-152.1065	-15.6586	2545.6826	0	0	0
Base	58	392	Dead	LinStatic	-0.2061	4.0958	809.1613	0	0	0
Base	58	392	Live	LinStatic	1.0146	4.4866	80.7319	0	0	0
Base	58	392	windx	LinStatic	-7.4752	-1.5475	-95.5042	0	0	0
Base	58	392	windy	LinStatic	18.36	-1.3404	104.6367	0	0	0
Base	58	392	seismic x	LinStatic	-154.291	24.9794	-1313.2694	0	0	0
Base	58	392	seismic y	LinStatic	78.608	11.4184	1144.0539	0	0	0
Base	58	392	1.5(DL+LL)	Combination	1.2127	12.8736	1334.8397	0	0	0
Base	58	392	1.5(DL+EQ:+X)	Combination	-231.7457	43.6128	-756.1622	0	0	0
Base	58	392	1.5(DL+EQ:-X)	Combination	231.1273	-31.3254	3183.646	0	0	0
Base	58	392	1.5(DL+EQ:+Y)	Combination	117.6029	23.2713	2929.8227	0	0	0
Base	58	392	1.5(DL+EQ:-Y)	Combination	-118.2212	-10.9839	-502.3389	0	0	0
Base	58	392	1.5(DL+WL:+X)	Combination	-11.522	3.8225	1070.4856	0	0	0
Base	58	392	1.5(DL+WL:-X)	Combination	10.9037	8.465	1356.9982	0	0	0
Base	58	392	1.5(DL+WL:+Y)	Combination	27.2309	4.1331	1370.6969	0	0	0
Base	58	392	1.5(DL+WL:-Y)	Combination	-27.8492	8.1543	1056.7868	0	0	0
Base	58	392	1.2(DL+LL+WL:+X)	Combination	-8.0001	8.4419	953.2667	0	0	0
Base	58	392	1.2(DL+LL+WL:-X)	Combination	9.9404	12.1559	1182.4768	0	0	0
Base	58	392	1.2(DL+LL+WL:+Y)	Combination	23.0022	8.6904	1193.4358	0	0	0
Base	58	392	1.2(DL+LL+WL:-Y)	Combination	-21.0618	11.9074	942.3077	0	0	0
Base	58	392	1.2(DL+LL+EQ:+X)	Combination	-184.179	40.2742	-508.0515	0	0	0
Base	58	392	1.2(DL+LL+EQ:-X)	Combination	186.1194	-19.6764	2643.795	0	0	0
Base	58	392	1.2(DL+LL+EQ:+Y)	Combination	95.2998	24.001	2440.7364	0	0	0
Base	58	392	1.2(DL+LL+EQ:-Y)	Combination	-93.3594	-3.4032	-304.9929	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	58	392	0.9DL+1.5EQ+X	Combination	-231.622	41.1553	-1241.659	0	0	0
Base	58	392	0.9DL+1.5EQ-X	Combination	231.251	-33.7829	2698.1492	0	0	0
Base	58	392	0.9DL+1.5EQY+	Combination	117.7265	20.8138	2444.326	0	0	0
Base	58	392	0.9DL+1.5EQY-	Combination	-118.0976	-13.4413	-987.8357	0	0	0
Base	58	392	DWals1	Combination	-0.3092	6.1437	1213.7419	0	0	0
Base	58	392	DWals2	Combination	1.2127	12.8736	1334.8397	0	0	0
Base	58	392	DWals3	Combination	-8.0001	8.4419	953.2667	0	0	0
Base	58	392	DWals4	Combination	9.9404	12.1559	1182.4768	0	0	0
Base	58	392	DWals5	Combination	23.0022	8.6904	1193.4358	0	0	0
Base	58	392	DWals6	Combination	-21.0618	11.9074	942.3077	0	0	0
Base	58	392	DWals7	Combination	-11.522	3.8225	1070.4856	0	0	0
Base	58	392	DWals8	Combination	10.9037	8.465	1356.9982	0	0	0
Base	58	392	DWals9	Combination	27.2309	4.1331	1370.6969	0	0	0
Base	58	392	DWals10	Combination	-27.8492	8.1543	1056.7868	0	0	0
Base	58	392	DWals11	Combination	-11.3983	1.365	584.9888	0	0	0
Base	58	392	DWals12	Combination	11.0273	6.0075	871.5014	0	0	0
Base	58	392	DWals13	Combination	27.3545	1.6756	885.2002	0	0	0
Base	58	392	DWals14	Combination	-27.7255	5.6969	571.2901	0	0	0
Base	58	392	DWals15	Combination	-184.179	40.2742	-508.0515	0	0	0
Base	58	392	DWals16	Combination	186.1194	-19.6764	2643.795	0	0	0
Base	58	392	DWals17	Combination	95.2998	24.001	2440.7364	0	0	0
Base	58	392	DWals18	Combination	-93.3594	-3.4032	-304.9929	0	0	0
Base	58	392	DWals19	Combination	-231.7457	43.6128	-756.1622	0	0	0
Base	58	392	DWals20	Combination	231.1273	-31.3254	3183.646	0	0	0
Base	58	392	DWals21	Combination	117.6029	23.2713	2929.8227	0	0	0
Base	58	392	DWals22	Combination	-118.2212	-10.9839	-502.3389	0	0	0
Base	58	392	DWals23	Combination	-231.622	41.1553	-1241.659	0	0	0
Base	58	392	DWals24	Combination	231.251	-33.7829	2698.1492	0	0	0
Base	58	392	DWals25	Combination	117.7265	20.8138	2444.326	0	0	0
Base	58	392	DWals26	Combination	-118.0976	-13.4413	-987.8357	0	0	0
Base	59	422	Dead	LinStatic	-19.236	-7.6737	600.1372	0	0	0
Base	59	422	Live	LinStatic	2.3687	-4.7129	96.8737	0	0	0
Base	59	422	windx	LinStatic	6.7252	-1.4544	94.2499	0	0	0
Base	59	422	windy	LinStatic	16.499	1.0335	80.3167	0	0	0
Base	59	422	seismic x	LinStatic	-160.5689	-25.6037	-1329.4038	0	0	0
Base	59	422	seismic y	LinStatic	-79.3736	11.6523	-1154.4136	0	0	0
Base	59	422	1.5(DL+LL)	Combination	-25.3009	-18.5799	1045.5163	0	0	0
Base	59	422	1.5(DL+EQ:+X)	Combination	-269.7073	-49.916	-1093.8998	0	0	0
Base	59	422	1.5(DL+EQ:-X)	Combination	211.9993	26.8949	2894.3115	0	0	0
Base	59	422	1.5(DL+EQ:+Y)	Combination	-147.9145	5.9679	-831.4146	0	0	0
Base	59	422	1.5(DL+EQ:-Y)	Combination	90.2064	-28.989	2631.8262	0	0	0
Base	59	422	1.5(DL+WL:+X)	Combination	-18.7662	-13.6921	1041.5807	0	0	0
Base	59	422	1.5(DL+WL:-X)	Combination	-38.9418	-9.329	758.831	0	0	0
Base	59	422	1.5(DL+WL:+Y)	Combination	-4.1055	-9.9603	1020.6808	0	0	0
Base	59	422	1.5(DL+WL:-Y)	Combination	-53.6025	-13.0608	779.7309	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	59	422	1.2(DL+LL+WL:+X)	Combination	-12.1705	-16.6092	949.513	0	0	0
Base	59	422	1.2(DL+LL+WL:-X)	Combination	-28.311	-13.1187	723.3132	0	0	0
Base	59	422	1.2(DL+LL+WL:+Y)	Combination	-0.4419	-13.6237	932.793	0	0	0
Base	59	422	1.2(DL+LL+WL:-Y)	Combination	-40.0395	-16.1042	740.0331	0	0	0
Base	59	422	1.2(DL+LL+EQ:+X)	Combination	-212.9234	-45.5883	-758.8715	0	0	0
Base	59	422	1.2(DL+LL+EQ:-X)	Combination	172.4419	15.8604	2431.6976	0	0	0
Base	59	422	1.2(DL+LL+EQ:+Y)	Combination	-115.4891	-0.8812	-548.8833	0	0	0
Base	59	422	1.2(DL+LL+EQ:-Y)	Combination	75.0076	-28.8467	2221.7094	0	0	0
Base	59	422	0.9DL+1.5EQ+X	Combination	-258.1657	-45.3118	-1453.9822	0	0	0
Base	59	422	0.9DL+1.5EQ-X	Combination	223.5409	31.4992	2534.2292	0	0	0
Base	59	422	0.9DL+1.5EQY+	Combination	-136.3729	10.5721	-1191.4969	0	0	0
Base	59	422	0.9DL+1.5EQY-	Combination	101.748	-24.3847	2271.7439	0	0	0
Base	59	422	DWals1	Combination	-28.854	-11.5105	900.2058	0	0	0
Base	59	422	DWals2	Combination	-25.3009	-18.5799	1045.5163	0	0	0
Base	59	422	DWals3	Combination	-12.1705	-16.6092	949.513	0	0	0
Base	59	422	DWals4	Combination	-28.311	-13.1187	723.3132	0	0	0
Base	59	422	DWals5	Combination	-0.4419	-13.6237	932.793	0	0	0
Base	59	422	DWals6	Combination	-40.0395	-16.1042	740.0331	0	0	0
Base	59	422	DWals7	Combination	-18.7662	-13.6921	1041.5807	0	0	0
Base	59	422	DWals8	Combination	-38.9418	-9.329	758.831	0	0	0
Base	59	422	DWals9	Combination	-4.1055	-9.9603	1020.6808	0	0	0
Base	59	422	DWals10	Combination	-53.6025	-13.0608	779.7309	0	0	0
Base	59	422	DWals11	Combination	-7.2246	-9.0879	681.4984	0	0	0
Base	59	422	DWals12	Combination	-27.4002	-4.7248	398.7486	0	0	0
Base	59	422	DWals13	Combination	7.4361	-5.356	660.5985	0	0	0
Base	59	422	DWals14	Combination	-42.0609	-8.4566	419.6485	0	0	0
Base	59	422	DWals15	Combination	-212.9234	-45.5883	-758.8715	0	0	0
Base	59	422	DWals16	Combination	172.4419	15.8604	2431.6976	0	0	0
Base	59	422	DWals17	Combination	-115.4891	-0.8812	-548.8833	0	0	0
Base	59	422	DWals18	Combination	75.0076	-28.8467	2221.7094	0	0	0
Base	59	422	DWals19	Combination	-269.7073	-49.916	-1093.8998	0	0	0
Base	59	422	DWals20	Combination	211.9993	26.8949	2894.3115	0	0	0
Base	59	422	DWals21	Combination	-147.9145	5.9679	-831.4146	0	0	0
Base	59	422	DWals22	Combination	90.2064	-28.989	2631.8262	0	0	0
Base	59	422	DWals23	Combination	-258.1657	-45.3118	-1453.9822	0	0	0
Base	59	422	DWals24	Combination	223.5409	31.4992	2534.2292	0	0	0
Base	59	422	DWals25	Combination	-136.3729	10.5721	-1191.4969	0	0	0
Base	59	422	DWals26	Combination	101.748	-24.3847	2271.7439	0	0	0
Base	109	646	Dead	LinStatic	0.6946	19.365	78.6074	0	0	0
Base	109	646	Live	LinStatic	0.3212	1.7257	6.6976	0	0	0
Base	109	646	windx	LinStatic	0.0096	0.7674	3.7407	0	0	0
Base	109	646	windy	LinStatic	0.1479	-1.2432	-5.0957	0	0	0
Base	109	646	seismic x	LinStatic	-4.2793	29.3271	116.6165	0	0	0
Base	109	646	seismic y	LinStatic	0.0518	-5.4054	-28.8987	0	0	0
Base	109	646	1.5(DL+LL)	Combination	1.5238	31.6361	127.9576	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	109	646	1.5(DL+EQ:+X)	Combination	-5.377	73.0382	292.8359	0	0	0
Base	109	646	1.5(DL+EQ:-X)	Combination	7.4608	-14.9431	-57.0136	0	0	0
Base	109	646	1.5(DL+EQ:+Y)	Combination	1.1196	20.9395	74.5631	0	0	0
Base	109	646	1.5(DL+EQ:-Y)	Combination	0.9642	37.1556	161.2591	0	0	0
Base	109	646	1.5(DL+WL:+X)	Combination	1.0563	30.1986	123.5221	0	0	0
Base	109	646	1.5(DL+WL:-X)	Combination	1.0275	27.8965	112.3001	0	0	0
Base	109	646	1.5(DL+WL:+Y)	Combination	1.2637	27.1827	110.2676	0	0	0
Base	109	646	1.5(DL+WL:-Y)	Combination	0.8201	30.9124	125.5547	0	0	0
Base	109	646	1.2(DL+LL+WL:+X)	Combination	1.2305	26.2297	106.8548	0	0	0
Base	109	646	1.2(DL+LL+WL:-X)	Combination	1.2075	24.388	97.8773	0	0	0
Base	109	646	1.2(DL+LL+WL:+Y)	Combination	1.3964	23.817	96.2512	0	0	0
Base	109	646	1.2(DL+LL+WL:-Y)	Combination	1.0416	26.8007	108.4809	0	0	0
Base	109	646	1.2(DL+LL+EQ:+X)	Combination	-3.9161	60.5014	242.3059	0	0	0
Base	109	646	1.2(DL+LL+EQ:-X)	Combination	6.3541	-9.8837	-37.5738	0	0	0
Base	109	646	1.2(DL+LL+EQ:+Y)	Combination	1.2811	18.8224	67.6877	0	0	0
Base	109	646	1.2(DL+LL+EQ:-Y)	Combination	1.1569	31.7953	137.0444	0	0	0
Base	109	646	0.9DL+1.5EQ+X	Combination	-5.7938	61.4192	245.6715	0	0	0
Base	109	646	0.9DL+1.5EQ-X	Combination	7.0441	-26.5621	-104.1781	0	0	0
Base	109	646	0.9DL+1.5EQY+	Combination	0.7028	9.3205	27.3987	0	0	0
Base	109	646	0.9DL+1.5EQY-	Combination	0.5475	25.5366	114.0947	0	0	0
Base	109	646	DWals1	Combination	1.0419	29.0476	117.9111	0	0	0
Base	109	646	DWals2	Combination	1.5238	31.6361	127.9576	0	0	0
Base	109	646	DWals3	Combination	1.2305	26.2297	106.8548	0	0	0
Base	109	646	DWals4	Combination	1.2075	24.388	97.8773	0	0	0
Base	109	646	DWals5	Combination	1.3964	23.817	96.2512	0	0	0
Base	109	646	DWals6	Combination	1.0416	26.8007	108.4809	0	0	0
Base	109	646	DWals7	Combination	1.0563	30.1986	123.5221	0	0	0
Base	109	646	DWals8	Combination	1.0275	27.8965	112.3001	0	0	0
Base	109	646	DWals9	Combination	1.2637	27.1827	110.2676	0	0	0
Base	109	646	DWals10	Combination	0.8201	30.9124	125.5547	0	0	0
Base	109	646	DWals11	Combination	0.6395	18.5796	76.3577	0	0	0
Base	109	646	DWals12	Combination	0.6108	16.2775	65.1357	0	0	0
Base	109	646	DWals13	Combination	0.8469	15.5637	63.1031	0	0	0
Base	109	646	DWals14	Combination	0.4034	19.2934	78.3902	0	0	0
Base	109	646	DWals15	Combination	-3.9161	60.5014	242.3059	0	0	0
Base	109	646	DWals16	Combination	6.3541	-9.8837	-37.5738	0	0	0
Base	109	646	DWals17	Combination	1.2811	18.8224	67.6877	0	0	0
Base	109	646	DWals18	Combination	1.1569	31.7953	137.0444	0	0	0
Base	109	646	DWals19	Combination	-5.377	73.0382	292.8359	0	0	0
Base	109	646	DWals20	Combination	7.4608	-14.9431	-57.0136	0	0	0
Base	109	646	DWals21	Combination	1.1196	20.9395	74.5631	0	0	0
Base	109	646	DWals22	Combination	0.9642	37.1556	161.2591	0	0	0
Base	109	646	DWals23	Combination	-5.7938	61.4192	245.6715	0	0	0
Base	109	646	DWals24	Combination	7.0441	-26.5621	-104.1781	0	0	0
Base	109	646	DWals25	Combination	0.7028	9.3205	27.3987	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	109	646	DWals26	Combination	0.5475	25.5366	114.0947	0	0	0
Base	110	645	Dead	LinStatic	2.6198	-20.5609	86.2739	0	0	0
Base	110	645	Live	LinStatic	0.3188	-1.4976	6.0672	0	0	0
Base	110	645	windx	LinStatic	-0.008	0.6709	-3.2986	0	0	0
Base	110	645	windy	LinStatic	0.1754	0.9456	-3.9306	0	0	0
Base	110	645	seismic x	LinStatic	-4.2542	-29.0482	115.1576	0	0	0
Base	110	645	seismic y	LinStatic	0.0114	-5.5667	29.5875	0	0	0
Base	110	645	1.5(DL+LL)	Combination	4.4079	-33.0877	138.5116	0	0	0
Base	110	645	1.5(DL+EQ:+X)	Combination	-2.4516	-74.4137	302.1473	0	0	0
Base	110	645	1.5(DL+EQ:-X)	Combination	10.311	12.7309	-43.3256	0	0	0
Base	110	645	1.5(DL+EQ:+Y)	Combination	3.9468	-39.1914	173.7921	0	0	0
Base	110	645	1.5(DL+EQ:-Y)	Combination	3.9126	-22.4913	85.0297	0	0	0
Base	110	645	1.5(DL+WL:+X)	Combination	3.9177	-29.835	124.463	0	0	0
Base	110	645	1.5(DL+WL:-X)	Combination	3.9417	-31.8477	134.3587	0	0	0
Base	110	645	1.5(DL+WL:+Y)	Combination	4.1927	-29.423	123.515	0	0	0
Base	110	645	1.5(DL+WL:-Y)	Combination	3.6666	-32.2597	135.3067	0	0	0
Base	110	645	1.2(DL+LL+WL:+X)	Combination	3.5167	-25.6651	106.851	0	0	0
Base	110	645	1.2(DL+LL+WL:-X)	Combination	3.5359	-27.2752	114.7676	0	0	0
Base	110	645	1.2(DL+LL+WL:+Y)	Combination	3.7368	-25.3355	106.0926	0	0	0
Base	110	645	1.2(DL+LL+WL:-Y)	Combination	3.3159	-27.6049	115.526	0	0	0
Base	110	645	1.2(DL+LL+EQ:+X)	Combination	-1.5787	-61.328	248.9984	0	0	0
Base	110	645	1.2(DL+LL+EQ:-X)	Combination	8.6314	8.3876	-27.3799	0	0	0
Base	110	645	1.2(DL+LL+EQ:+Y)	Combination	3.54	-33.1502	146.3142	0	0	0
Base	110	645	1.2(DL+LL+EQ:-Y)	Combination	3.5127	-19.7902	75.3043	0	0	0
Base	110	645	0.9DL+1.5EQ+X	Combination	-4.0235	-62.0771	250.3829	0	0	0
Base	110	645	0.9DL+1.5EQ-X	Combination	8.7391	25.0675	-95.0899	0	0	0
Base	110	645	0.9DL+1.5EQY+	Combination	2.3749	-26.8549	122.0277	0	0	0
Base	110	645	0.9DL+1.5EQY-	Combination	2.3407	-10.1548	33.2653	0	0	0
Base	110	645	DWals1	Combination	3.9297	-30.8414	129.4109	0	0	0
Base	110	645	DWals2	Combination	4.4079	-33.0877	138.5116	0	0	0
Base	110	645	DWals3	Combination	3.5167	-25.6651	106.851	0	0	0
Base	110	645	DWals4	Combination	3.5359	-27.2752	114.7676	0	0	0
Base	110	645	DWals5	Combination	3.7368	-25.3355	106.0926	0	0	0
Base	110	645	DWals6	Combination	3.3159	-27.6049	115.526	0	0	0
Base	110	645	DWals7	Combination	3.9177	-29.835	124.463	0	0	0
Base	110	645	DWals8	Combination	3.9417	-31.8477	134.3587	0	0	0
Base	110	645	DWals9	Combination	4.1927	-29.423	123.515	0	0	0
Base	110	645	DWals10	Combination	3.6666	-32.2597	135.3067	0	0	0
Base	110	645	DWals11	Combination	2.3458	-17.4985	72.6986	0	0	0
Base	110	645	DWals12	Combination	2.3698	-19.5111	82.5944	0	0	0
Base	110	645	DWals13	Combination	2.6209	-17.0864	71.7507	0	0	0
Base	110	645	DWals14	Combination	2.0948	-19.9232	83.5424	0	0	0
Base	110	645	DWals15	Combination	-1.5787	-61.328	248.9984	0	0	0
Base	110	645	DWals16	Combination	8.6314	8.3876	-27.3799	0	0	0
Base	110	645	DWals17	Combination	3.54	-33.1502	146.3142	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	110	645	DWals18	Combination	3.5127	-19.7902	75.3043	0	0	0
Base	110	645	DWals19	Combination	-2.4516	-74.4137	302.1473	0	0	0
Base	110	645	DWals20	Combination	10.311	12.7309	-43.3256	0	0	0
Base	110	645	DWals21	Combination	3.9468	-39.1914	173.7921	0	0	0
Base	110	645	DWals22	Combination	3.9126	-22.4913	85.0297	0	0	0
Base	110	645	DWals23	Combination	-4.0235	-62.0771	250.3829	0	0	0
Base	110	645	DWals24	Combination	8.7391	25.0675	-95.0899	0	0	0
Base	110	645	DWals25	Combination	2.3749	-26.8549	122.0277	0	0	0
Base	110	645	DWals26	Combination	2.3407	-10.1548	33.2653	0	0	0
Base	112	647	Dead	LinStatic	-2.8336	8.755	38.5254	0	0	0
Base	112	647	Live	LinStatic	-0.3268	1.4984	6.0404	0	0	0
Base	112	647	windx	LinStatic	-0.0075	0.9109	4.4352	0	0	0
Base	112	647	windy	LinStatic	0.3277	2.2146	8.3784	0	0	0
Base	112	647	seismic x	LinStatic	-4.1475	-28.9332	-114.7749	0	0	0
Base	112	647	seismic y	LinStatic	-0.0151	-5.5539	-29.5228	0	0	0
Base	112	647	1.5(DL+LL)	Combination	-4.7406	15.3801	66.8487	0	0	0
Base	112	647	1.5(DL+EQ:+X)	Combination	-10.4717	-30.2674	-114.3742	0	0	0
Base	112	647	1.5(DL+EQ:-X)	Combination	1.9708	56.5323	229.9504	0	0	0
Base	112	647	1.5(DL+EQ:+Y)	Combination	-4.2732	4.8017	13.5039	0	0	0
Base	112	647	1.5(DL+EQ:-Y)	Combination	-4.2278	21.4633	102.0723	0	0	0
Base	112	647	1.5(DL+WL:+X)	Combination	-4.2617	14.4988	64.4409	0	0	0
Base	112	647	1.5(DL+WL:-X)	Combination	-4.2393	11.7662	51.1353	0	0	0
Base	112	647	1.5(DL+WL:+Y)	Combination	-3.7589	16.4544	70.3557	0	0	0
Base	112	647	1.5(DL+WL:-Y)	Combination	-4.742	9.8105	45.2204	0	0	0
Base	112	647	1.2(DL+LL+WL:+X)	Combination	-3.8015	13.3971	58.8011	0	0	0
Base	112	647	1.2(DL+LL+WL:-X)	Combination	-3.7835	11.211	48.1567	0	0	0
Base	112	647	1.2(DL+LL+WL:+Y)	Combination	-3.3993	14.9616	63.5331	0	0	0
Base	112	647	1.2(DL+LL+WL:-Y)	Combination	-4.1858	9.6465	43.4248	0	0	0
Base	112	647	1.2(DL+LL+EQ:+X)	Combination	-8.7695	-22.4158	-84.2509	0	0	0
Base	112	647	1.2(DL+LL+EQ:-X)	Combination	1.1845	47.024	191.2088	0	0	0
Base	112	647	1.2(DL+LL+EQ:+Y)	Combination	-3.8107	5.6394	18.0516	0	0	0
Base	112	647	1.2(DL+LL+EQ:-Y)	Combination	-3.7744	18.9687	88.9063	0	0	0
Base	112	647	0.9DL+1.5EQ+X	Combination	-8.7716	-35.5204	-137.4895	0	0	0
Base	112	647	0.9DL+1.5EQ-X	Combination	3.671	51.2793	206.8352	0	0	0
Base	112	647	0.9DL+1.5EQY+	Combination	-2.573	-0.4513	-9.6114	0	0	0
Base	112	647	0.9DL+1.5EQY-	Combination	-2.5276	16.2103	78.9571	0	0	0
Base	112	647	DWals1	Combination	-4.2505	13.1325	57.7881	0	0	0
Base	112	647	DWals2	Combination	-4.7406	15.3801	66.8487	0	0	0
Base	112	647	DWals3	Combination	-3.8015	13.3971	58.8011	0	0	0
Base	112	647	DWals4	Combination	-3.7835	11.211	48.1567	0	0	0
Base	112	647	DWals5	Combination	-3.3993	14.9616	63.5331	0	0	0
Base	112	647	DWals6	Combination	-4.1858	9.6465	43.4248	0	0	0
Base	112	647	DWals7	Combination	-4.2617	14.4988	64.4409	0	0	0
Base	112	647	DWals8	Combination	-4.2393	11.7662	51.1353	0	0	0
Base	112	647	DWals9	Combination	-3.7589	16.4544	70.3557	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	112	647	DWals10	Combination	-4.742	9.8105	45.2204	0	0	0
Base	112	647	DWals11	Combination	-2.5615	9.2458	41.3256	0	0	0
Base	112	647	DWals12	Combination	-2.5391	6.5132	28.0201	0	0	0
Base	112	647	DWals13	Combination	-2.0587	11.2014	47.2405	0	0	0
Base	112	647	DWals14	Combination	-3.0418	4.5575	22.1052	0	0	0
Base	112	647	DWals15	Combination	-8.7695	-22.4158	-84.2509	0	0	0
Base	112	647	DWals16	Combination	1.1845	47.024	191.2088	0	0	0
Base	112	647	DWals17	Combination	-3.8107	5.6394	18.0516	0	0	0
Base	112	647	DWals18	Combination	-3.7744	18.9687	88.9063	0	0	0
Base	112	647	DWals19	Combination	-10.4717	-30.2674	-114.3742	0	0	0
Base	112	647	DWals20	Combination	1.9708	56.5323	229.9504	0	0	0
Base	112	647	DWals21	Combination	-4.2732	4.8017	13.5039	0	0	0
Base	112	647	DWals22	Combination	-4.2278	21.4633	102.0723	0	0	0
Base	112	647	DWals23	Combination	-8.7716	-35.5204	-137.4895	0	0	0
Base	112	647	DWals24	Combination	3.671	51.2793	206.8352	0	0	0
Base	112	647	DWals25	Combination	-2.573	-0.4513	-9.6114	0	0	0
Base	112	647	DWals26	Combination	-2.5276	16.2103	78.9571	0	0	0
Base	113	648	Dead	LinStatic	-1.0044	-13.0793	54.3744	0	0	0
Base	113	648	Live	LinStatic	-0.3317	-1.7249	6.6644	0	0	0
Base	113	648	windx	LinStatic	-0.0134	0.7794	-3.8781	0	0	0
Base	113	648	windy	LinStatic	0.3675	-1.824	6.8805	0	0	0
Base	113	648	seismic x	LinStatic	-4.1776	29.2115	-116.2374	0	0	0
Base	113	648	seismic y	LinStatic	0.07	-5.392	28.8372	0	0	0
Base	113	648	1.5(DL+LL)	Combination	-2.0042	-22.2063	91.5582	0	0	0
Base	113	648	1.5(DL+EQ:+X)	Combination	-7.773	24.1984	-92.7944	0	0	0
Base	113	648	1.5(DL+EQ:-X)	Combination	4.7598	-63.4362	255.9177	0	0	0
Base	113	648	1.5(DL+EQ:+Y)	Combination	-1.4016	-27.7069	124.8175	0	0	0
Base	113	648	1.5(DL+EQ:-Y)	Combination	-1.6116	-11.531	38.3058	0	0	0
Base	113	648	1.5(DL+WL:+X)	Combination	-1.5267	-18.4498	75.7445	0	0	0
Base	113	648	1.5(DL+WL:-X)	Combination	-1.4866	-20.7881	87.3788	0	0	0
Base	113	648	1.5(DL+WL:+Y)	Combination	-0.9553	-22.3549	91.8825	0	0	0
Base	113	648	1.5(DL+WL:-Y)	Combination	-2.0579	-16.8829	71.2408	0	0	0
Base	113	648	1.2(DL+LL+WL:+X)	Combination	-1.6194	-16.8297	68.5929	0	0	0
Base	113	648	1.2(DL+LL+WL:-X)	Combination	-1.5873	-18.7003	77.9003	0	0	0
Base	113	648	1.2(DL+LL+WL:+Y)	Combination	-1.1623	-19.9538	81.5032	0	0	0
Base	113	648	1.2(DL+LL+WL:-Y)	Combination	-2.0444	-15.5762	64.9899	0	0	0
Base	113	648	1.2(DL+LL+EQ:+X)	Combination	-6.6165	17.2888	-66.2382	0	0	0
Base	113	648	1.2(DL+LL+EQ:-X)	Combination	3.4098	-52.8189	212.7314	0	0	0
Base	113	648	1.2(DL+LL+EQ:+Y)	Combination	-1.5193	-24.2354	107.8513	0	0	0
Base	113	648	1.2(DL+LL+EQ:-Y)	Combination	-1.6873	-11.2947	38.6419	0	0	0
Base	113	648	0.9DL+1.5EQ+X	Combination	-7.1704	32.046	-125.419	0	0	0
Base	113	648	0.9DL+1.5EQ-X	Combination	5.3624	-55.5887	223.293	0	0	0
Base	113	648	0.9DL+1.5EQY+	Combination	-0.799	-19.8593	92.1929	0	0	0
Base	113	648	0.9DL+1.5EQY-	Combination	-1.009	-3.6834	5.6811	0	0	0
Base	113	648	DWals1	Combination	-1.5066	-19.6189	81.5617	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	113	648	DWals2	Combination	-2.0042	-22.2063	91.5582	0	0	0
Base	113	648	DWals3	Combination	-1.6194	-16.8297	68.5929	0	0	0
Base	113	648	DWals4	Combination	-1.5873	-18.7003	77.9003	0	0	0
Base	113	648	DWals5	Combination	-1.1623	-19.9538	81.5032	0	0	0
Base	113	648	DWals6	Combination	-2.0444	-15.5762	64.9899	0	0	0
Base	113	648	DWals7	Combination	-1.5267	-18.4498	75.7445	0	0	0
Base	113	648	DWals8	Combination	-1.4866	-20.7881	87.3788	0	0	0
Base	113	648	DWals9	Combination	-0.9553	-22.3549	91.8825	0	0	0
Base	113	648	DWals10	Combination	-2.0579	-16.8829	71.2408	0	0	0
Base	113	648	DWals11	Combination	-0.924	-10.6022	43.1198	0	0	0
Base	113	648	DWals12	Combination	-0.8839	-12.9405	54.7541	0	0	0
Base	113	648	DWals13	Combination	-0.3527	-14.5074	59.2578	0	0	0
Base	113	648	DWals14	Combination	-1.4553	-9.0353	38.6162	0	0	0
Base	113	648	DWals15	Combination	-6.6165	17.2888	-66.2382	0	0	0
Base	113	648	DWals16	Combination	3.4098	-52.8189	212.7314	0	0	0
Base	113	648	DWals17	Combination	-1.5193	-24.2354	107.8513	0	0	0
Base	113	648	DWals18	Combination	-1.6873	-11.2947	38.6419	0	0	0
Base	113	648	DWals19	Combination	-7.773	24.1984	-92.7944	0	0	0
Base	113	648	DWals20	Combination	4.7598	-63.4362	255.9177	0	0	0
Base	113	648	DWals21	Combination	-1.4016	-27.7069	124.8175	0	0	0
Base	113	648	DWals22	Combination	-1.6116	-11.531	38.3058	0	0	0
Base	113	648	DWals23	Combination	-7.1704	32.046	-125.419	0	0	0
Base	113	648	DWals24	Combination	5.3624	-55.5887	223.293	0	0	0
Base	113	648	DWals25	Combination	-0.799	-19.8593	92.1929	0	0	0
Base	113	648	DWals26	Combination	-1.009	-3.6834	5.6811	0	0	0
Base	~5359		Dead	LinStatic	-0.0025	-0.0103	6.9624	0.0063	1.95	0.0116
Base	~5359		Live	LinStatic	0.0008	-0.0003	2.2302	0.0001	0.6206	-0.0003
Base	~5359		windx	LinStatic	-0.0001	-0.0002	0.0159	-0.0023	0.0007	0.0002
Base	~5359		windy	LinStatic	-0.0001	-0.0008	-0.001	-0.0004	-0.0022	0.0008
Base	~5359		seismic x	LinStatic	-0.0031	0.0073	0.058	0.0089	0.0712	-0.0043
Base	~5359		seismic y	LinStatic	0.003	0.0056	-0.2072	0.0289	-0.01	-0.0067
Base	~5359		1.5(DL+LL)	Combination	-0.0025	-0.016	13.7888	0.0096	3.8559	0.0169
Base	~5359		1.5(DL+EQ:+X)	Combination	-0.0084	-0.0046	10.5306	0.0227	3.0318	0.0109
Base	~5359		1.5(DL+EQ:-X)	Combination	0.001	-0.0264	10.3566	-0.0039	2.8183	0.0239
Base	~5359		1.5(DL+EQ:+Y)	Combination	0.0009	-0.0071	10.1328	0.0527	2.91	0.0073
Base	~5359		1.5(DL+EQ:-Y)	Combination	-0.0083	-0.0239	10.7543	-0.0339	2.9401	0.0275
Base	~5359		1.5(DL+WL:+X)	Combination	-0.0038	-0.0158	10.4675	0.006	2.9261	0.0177
Base	~5359		1.5(DL+WL:-X)	Combination	-0.0035	-0.0153	10.4197	0.0128	2.924	0.0171
Base	~5359		1.5(DL+WL:+Y)	Combination	-0.0038	-0.0168	10.4421	0.0089	2.9218	0.0186
Base	~5359		1.5(DL+WL:-Y)	Combination	-0.0036	-0.0143	10.4451	0.0099	2.9283	0.0162
Base	~5359		1.2(DL+LL+WL:+X)	Combination	-0.0021	-0.013	11.0502	0.0049	3.0855	0.0138
Base	~5359		1.2(DL+LL+WL:-X)	Combination	-0.0019	-0.0126	11.0119	0.0104	3.0839	0.0133
Base	~5359		1.2(DL+LL+WL:+Y)	Combination	-0.0021	-0.0138	11.0298	0.0073	3.0821	0.0145
Base	~5359		1.2(DL+LL+WL:-Y)	Combination	-0.002	-0.0118	11.0323	0.0081	3.0873	0.0126
Base	~5359		1.2(DL+LL+EQ:+X)	Combination	-0.0058	-0.0041	11.1006	0.0183	3.1701	0.0083

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5359		1.2(DL+LL+EQ;-X)	Combination	0.0018	-0.0215	10.9615	-0.003	2.9993	0.0187
Base	~5359		1.2(DL+LL+EQ:+Y)	Combination	0.0016	-0.006	10.7825	0.0423	3.0727	0.0055
Base	~5359		1.2(DL+LL+EQ:-Y)	Combination	-0.0057	-0.0195	11.2797	-0.027	3.0967	0.0216
Base	~5359		0.9DL+1.5EQ+X	Combination	-0.0069	0.0016	6.3531	0.019	1.8618	0.0039
Base	~5359		0.9DL+1.5EQ-X	Combination	0.0025	-0.0202	6.1792	-0.0077	1.6482	0.0169
Base	~5359		0.9DL+1.5EQY+	Combination	0.0024	-0.0009	5.9554	0.0489	1.74	0.0003
Base	~5359		0.9DL+1.5EQY-	Combination	-0.0068	-0.0177	6.5769	-0.0377	1.7701	0.0205
Base	~5359		DWals1	Combination	-0.0037	-0.0155	10.4436	0.0094	2.925	0.0174
Base	~5359		DWals2	Combination	-0.0025	-0.016	13.7888	0.0096	3.8559	0.0169
Base	~5359		DWals3	Combination	-0.0021	-0.013	11.0502	0.0049	3.0855	0.0138
Base	~5359		DWals4	Combination	-0.0019	-0.0126	11.0119	0.0104	3.0839	0.0133
Base	~5359		DWals5	Combination	-0.0021	-0.0138	11.0298	0.0073	3.0821	0.0145
Base	~5359		DWals6	Combination	-0.002	-0.0118	11.0323	0.0081	3.0873	0.0126
Base	~5359		DWals7	Combination	-0.0038	-0.0158	10.4675	0.006	2.9261	0.0177
Base	~5359		DWals8	Combination	-0.0035	-0.0153	10.4197	0.0128	2.924	0.0171
Base	~5359		DWals9	Combination	-0.0038	-0.0168	10.4421	0.0089	2.9218	0.0186
Base	~5359		DWals10	Combination	-0.0036	-0.0143	10.4451	0.0099	2.9283	0.0162
Base	~5359		DWals11	Combination	-0.0024	-0.0096	6.2901	0.0022	1.7561	0.0107
Base	~5359		DWals12	Combination	-0.0021	-0.0091	6.2422	0.0091	1.754	0.0101
Base	~5359		DWals13	Combination	-0.0023	-0.0106	6.2646	0.0051	1.7517	0.0117
Base	~5359		DWals14	Combination	-0.0021	-0.008	6.2677	0.0062	1.7583	0.0092
Base	~5359		DWals15	Combination	-0.0058	-0.0041	11.1006	0.0183	3.1701	0.0083
Base	~5359		DWals16	Combination	0.0018	-0.0215	10.9615	-0.003	2.9993	0.0187
Base	~5359		DWals17	Combination	0.0016	-0.006	10.7825	0.0423	3.0727	0.0055
Base	~5359		DWals18	Combination	-0.0057	-0.0195	11.2797	-0.027	3.0967	0.0216
Base	~5359		DWals19	Combination	-0.0084	-0.0046	10.5306	0.0227	3.0318	0.0109
Base	~5359		DWals20	Combination	0.001	-0.0264	10.3566	-0.0039	2.8183	0.0239
Base	~5359		DWals21	Combination	0.0009	-0.0071	10.1328	0.0527	2.91	0.0073
Base	~5359		DWals22	Combination	-0.0083	-0.0239	10.7543	-0.0339	2.9401	0.0275
Base	~5359		DWals23	Combination	-0.0069	0.0016	6.3531	0.019	1.8618	0.0039
Base	~5359		DWals24	Combination	0.0025	-0.0202	6.1792	-0.0077	1.6482	0.0169
Base	~5359		DWals25	Combination	0.0024	-0.0009	5.9554	0.0489	1.74	0.0003
Base	~5359		DWals26	Combination	-0.0068	-0.0177	6.5769	-0.0377	1.7701	0.0205
Base	~5361		Dead	LinStatic	0.0162	-0.1398	5.6471	0	0	0
Base	~5361		Live	LinStatic	-0.0055	0.0112	1.6562	0	0	0
Base	~5361		windx	LinStatic	0.0005	-0.0027	0.025	0	0	0
Base	~5361		windy	LinStatic	0.001	-0.0097	-0.0707	0	0	0
Base	~5361		seismic x	LinStatic	0.017	0.0185	2.4779	0	0	0
Base	~5361		seismic y	LinStatic	-0.019	0.0956	-0.4833	0	0	0
Base	~5361		1.5(DL+LL)	Combination	0.0159	-0.1929	10.955	0	0	0
Base	~5361		1.5(DL+EQ:+X)	Combination	0.0497	-0.1819	12.1874	0	0	0
Base	~5361		1.5(DL+EQ:-X)	Combination	-0.0012	-0.2374	4.7538	0	0	0
Base	~5361		1.5(DL+EQ:+Y)	Combination	-0.0042	-0.0663	7.7457	0	0	0
Base	~5361		1.5(DL+EQ:-Y)	Combination	0.0527	-0.3531	9.1955	0	0	0
Base	~5361		1.5(DL+WL:+X)	Combination	0.025	-0.2137	8.5081	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5361		1.5(DL+WL:-X)	Combination	0.0235	-0.2057	8.4331	0	0	0
Base	~5361		1.5(DL+WL:+Y)	Combination	0.0257	-0.2242	8.3645	0	0	0
Base	~5361		1.5(DL+WL:-Y)	Combination	0.0227	-0.1952	8.5767	0	0	0
Base	~5361		1.2(DL+LL+WL:+X)	Combination	0.0134	-0.1575	8.794	0	0	0
Base	~5361		1.2(DL+LL+WL:-X)	Combination	0.0121	-0.1511	8.734	0	0	0
Base	~5361		1.2(DL+LL+WL:+Y)	Combination	0.0139	-0.1659	8.6791	0	0	0
Base	~5361		1.2(DL+LL+WL:-Y)	Combination	0.0115	-0.1427	8.8488	0	0	0
Base	~5361		1.2(DL+LL+EQ:+X)	Combination	0.0331	-0.1321	11.7374	0	0	0
Base	~5361		1.2(DL+LL+EQ:-X)	Combination	-0.0076	-0.1765	5.7906	0	0	0
Base	~5361		1.2(DL+LL+EQ:+Y)	Combination	-0.01	-0.0396	8.1841	0	0	0
Base	~5361		1.2(DL+LL+EQ:-Y)	Combination	0.0355	-0.269	9.3439	0	0	0
Base	~5361		0.9DL+1.5EQ+X	Combination	0.04	-0.0981	8.7991	0	0	0
Base	~5361		0.9DL+1.5EQ-X	Combination	-0.0109	-0.1535	1.3656	0	0	0
Base	~5361		0.9DL+1.5EQY+	Combination	-0.0139	0.0176	4.3575	0	0	0
Base	~5361		0.9DL+1.5EQY-	Combination	0.043	-0.2692	5.8073	0	0	0
Base	~5361		DWals1	Combination	0.0242	-0.2097	8.4706	0	0	0
Base	~5361		DWals2	Combination	0.0159	-0.1929	10.955	0	0	0
Base	~5361		DWals3	Combination	0.0134	-0.1575	8.794	0	0	0
Base	~5361		DWals4	Combination	0.0121	-0.1511	8.734	0	0	0
Base	~5361		DWals5	Combination	0.0139	-0.1659	8.6791	0	0	0
Base	~5361		DWals6	Combination	0.0115	-0.1427	8.8488	0	0	0
Base	~5361		DWals7	Combination	0.025	-0.2137	8.5081	0	0	0
Base	~5361		DWals8	Combination	0.0235	-0.2057	8.4331	0	0	0
Base	~5361		DWals9	Combination	0.0257	-0.2242	8.3645	0	0	0
Base	~5361		DWals10	Combination	0.0227	-0.1952	8.5767	0	0	0
Base	~5361		DWals11	Combination	0.0153	-0.1298	5.1199	0	0	0
Base	~5361		DWals12	Combination	0.0138	-0.1218	5.0449	0	0	0
Base	~5361		DWals13	Combination	0.016	-0.1403	4.9763	0	0	0
Base	~5361		DWals14	Combination	0.013	-0.1113	5.1884	0	0	0
Base	~5361		DWals15	Combination	0.0331	-0.1321	11.7374	0	0	0
Base	~5361		DWals16	Combination	-0.0076	-0.1765	5.7906	0	0	0
Base	~5361		DWals17	Combination	-0.01	-0.0396	8.1841	0	0	0
Base	~5361		DWals18	Combination	0.0355	-0.269	9.3439	0	0	0
Base	~5361		DWals19	Combination	0.0497	-0.1819	12.1874	0	0	0
Base	~5361		DWals20	Combination	-0.0012	-0.2374	4.7538	0	0	0
Base	~5361		DWals21	Combination	-0.0042	-0.0663	7.7457	0	0	0
Base	~5361		DWals22	Combination	0.0527	-0.3531	9.1955	0	0	0
Base	~5361		DWals23	Combination	0.04	-0.0981	8.7991	0	0	0
Base	~5361		DWals24	Combination	-0.0109	-0.1535	1.3656	0	0	0
Base	~5361		DWals25	Combination	-0.0139	0.0176	4.3575	0	0	0
Base	~5361		DWals26	Combination	0.043	-0.2692	5.8073	0	0	0
Base	~5362		Dead	LinStatic	0.0013	0.0042	8.47	-0.012	2.7498	-0.0021
Base	~5362		Live	LinStatic	0.0016	-0.0001	2.6805	-0.0035	0.8674	-0.0001
Base	~5362		windx	LinStatic	0.0001	-2.56E-05	0.0007	0.0005	0.0001	-3.37E-05

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5362		windy	LinStatic	0.0001	-6.004E-07	-0.0091	0.0001	-0.0058	-0.0001
Base	~5362		seismic x	LinStatic	-0.0075	0.0005	0.288	-0.0037	0.1858	0.0007
Base	~5362		seismic y	LinStatic	-0.0003	0.0003	-0.0136	-0.0057	-0.0057	0.0008
Base	~5362		1.5(DL+LL)	Combination	0.0043	0.0062	16.7257	-0.0233	5.4257	-0.0033
Base	~5362		1.5(DL+EQ:+X)	Combination	-0.0094	0.007	13.1369	-0.0236	4.4034	-0.002
Base	~5362		1.5(DL+EQ:-X)	Combination	0.0132	0.0056	12.273	-0.0125	3.8459	-0.0042
Base	~5362		1.5(DL+EQ:+Y)	Combination	0.0015	0.0068	12.6845	-0.0266	4.116	-0.0019
Base	~5362		1.5(DL+EQ:-Y)	Combination	0.0023	0.0058	12.7253	-0.0095	4.1333	-0.0043
Base	~5362		1.5(DL+WL:+X)	Combination	0.002	0.0062	12.7059	-0.0174	4.1249	-0.0032
Base	~5362		1.5(DL+WL:-X)	Combination	0.0018	0.0063	12.7039	-0.0187	4.1244	-0.0031
Base	~5362		1.5(DL+WL:+Y)	Combination	0.0021	0.0063	12.6914	-0.0179	4.1159	-0.0032
Base	~5362		1.5(DL+WL:-Y)	Combination	0.0017	0.0063	12.7185	-0.0182	4.1334	-0.003
Base	~5362		1.2(DL+LL+WL:+X)	Combination	0.0035	0.0049	13.3814	-0.018	4.3407	-0.0027
Base	~5362		1.2(DL+LL+WL:-X)	Combination	0.0034	0.005	13.3798	-0.0192	4.3404	-0.0026
Base	~5362		1.2(DL+LL+WL:+Y)	Combination	0.0036	0.005	13.3697	-0.0185	4.3335	-0.0027
Base	~5362		1.2(DL+LL+WL:-Y)	Combination	0.0033	0.005	13.3914	-0.0187	4.3475	-0.0026
Base	~5362		1.2(DL+LL+EQ:+X)	Combination	-0.0056	0.0055	13.7262	-0.023	4.5635	-0.0018
Base	~5362		1.2(DL+LL+EQ:-X)	Combination	0.0125	0.0044	13.035	-0.0142	4.1175	-0.0035
Base	~5362		1.2(DL+LL+EQ:+Y)	Combination	0.0031	0.0054	13.3643	-0.0254	4.3337	-0.0017
Base	~5362		1.2(DL+LL+EQ:-Y)	Combination	0.0038	0.0046	13.3969	-0.0118	4.3474	-0.0036
Base	~5362		0.9DL+1.5EQ+X	Combination	-0.0102	0.0045	8.0549	-0.0164	2.7535	-0.0008
Base	~5362		0.9DL+1.5EQ-X	Combination	0.0125	0.0031	7.191	-0.0053	2.196	-0.003
Base	~5362		0.9DL+1.5EQY+	Combination	0.0007	0.0043	7.6026	-0.0193	2.4662	-0.0007
Base	~5362		0.9DL+1.5EQY-	Combination	0.0015	0.0033	7.6434	-0.0023	2.4834	-0.0031
Base	~5362		DWals1	Combination	0.0019	0.0063	12.7049	-0.0181	4.1247	-0.0031
Base	~5362		DWals2	Combination	0.0043	0.0062	16.7257	-0.0233	5.4257	-0.0033
Base	~5362		DWals3	Combination	0.0035	0.0049	13.3814	-0.018	4.3407	-0.0027
Base	~5362		DWals4	Combination	0.0034	0.005	13.3798	-0.0192	4.3404	-0.0026
Base	~5362		DWals5	Combination	0.0036	0.005	13.3697	-0.0185	4.3335	-0.0027
Base	~5362		DWals6	Combination	0.0033	0.005	13.3914	-0.0187	4.3475	-0.0026
Base	~5362		DWals7	Combination	0.002	0.0062	12.7059	-0.0174	4.1249	-0.0032
Base	~5362		DWals8	Combination	0.0018	0.0063	12.7039	-0.0187	4.1244	-0.0031
Base	~5362		DWals9	Combination	0.0021	0.0063	12.6914	-0.0179	4.1159	-0.0032
Base	~5362		DWals10	Combination	0.0017	0.0063	12.7185	-0.0182	4.1334	-0.003
Base	~5362		DWals11	Combination	0.0012	0.0037	7.624	-0.0101	2.475	-0.0019
Base	~5362		DWals12	Combination	0.001	0.0038	7.622	-0.0115	2.4746	-0.0018
Base	~5362		DWals13	Combination	0.0013	0.0038	7.6094	-0.0107	2.466	-0.0019
Base	~5362		DWals14	Combination	0.001	0.0038	7.6365	-0.011	2.4835	-0.0018
Base	~5362		DWals15	Combination	-0.0056	0.0055	13.7262	-0.023	4.5635	-0.0018
Base	~5362		DWals16	Combination	0.0125	0.0044	13.035	-0.0142	4.1175	-0.0035
Base	~5362		DWals17	Combination	0.0031	0.0054	13.3643	-0.0254	4.3337	-0.0017
Base	~5362		DWals18	Combination	0.0038	0.0046	13.3969	-0.0118	4.3474	-0.0036
Base	~5362		DWals19	Combination	-0.0094	0.007	13.1369	-0.0236	4.4034	-0.002
Base	~5362		DWals20	Combination	0.0132	0.0056	12.273	-0.0125	3.8459	-0.0042

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5362		DWals21	Combination	0.0015	0.0068	12.6845	-0.0266	4.116	-0.0019
Base	~5362		DWals22	Combination	0.0023	0.0058	12.7253	-0.0095	4.1333	-0.0043
Base	~5362		DWals23	Combination	-0.0102	0.0045	8.0549	-0.0164	2.7535	-0.0008
Base	~5362		DWals24	Combination	0.0125	0.0031	7.191	-0.0053	2.196	-0.003
Base	~5362		DWals25	Combination	0.0007	0.0043	7.6026	-0.0193	2.4662	-0.0007
Base	~5362		DWals26	Combination	0.0015	0.0033	7.6434	-0.0023	2.4834	-0.0031
Base	~5364		Dead	LinStatic	0.0031	-0.0065	7.067	-0.0682	1.9746	0.0099
Base	~5364		Live	LinStatic	0.001	0.0002	2.2451	-0.0208	0.6273	0.0003
Base	~5364		windx	LinStatic	0.0001	-0.0002	-0.0179	-0.0021	-0.0013	0.0003
Base	~5364		windy	LinStatic	0.0002	0.0004	-0.0017	0.0012	-0.0023	-0.0002
Base	~5364		seismic x	LinStatic	-0.0052	-0.0045	0.0528	-0.0359	0.0716	0.0014
Base	~5364		seismic y	LinStatic	-0.002	0.0037	0.2156	0.0244	0.0148	-0.0059
Base	~5364		1.5(DL+LL)	Combination	0.0061	-0.0095	13.9681	-0.1335	3.9028	0.0153
Base	~5364		1.5(DL+EQ:+X)	Combination	-0.0033	-0.0165	10.6796	-0.1562	3.0693	0.017
Base	~5364		1.5(DL+EQ:-X)	Combination	0.0124	-0.003	10.5213	-0.0485	2.8544	0.0128
Base	~5364		1.5(DL+EQ:+Y)	Combination	0.0015	-0.0043	10.9238	-0.0657	2.984	0.0061
Base	~5364		1.5(DL+EQ:-Y)	Combination	0.0076	-0.0152	10.2771	-0.139	2.9396	0.0237
Base	~5364		1.5(DL+WL:+X)	Combination	0.0047	-0.0101	10.5736	-0.1055	2.9599	0.0153
Base	~5364		1.5(DL+WL:-X)	Combination	0.0044	-0.0095	10.6273	-0.0993	2.9638	0.0144
Base	~5364		1.5(DL+WL:+Y)	Combination	0.0048	-0.0092	10.5979	-0.1006	2.9584	0.0146
Base	~5364		1.5(DL+WL:-Y)	Combination	0.0043	-0.0103	10.603	-0.1042	2.9652	0.0151
Base	~5364		1.2(DL+LL+WL:+X)	Combination	0.005	-0.0078	11.153	-0.1093	3.1207	0.0126
Base	~5364		1.2(DL+LL+WL:-X)	Combination	0.0047	-0.0073	11.1959	-0.1043	3.1237	0.0119
Base	~5364		1.2(DL+LL+WL:+Y)	Combination	0.0051	-0.0071	11.1724	-0.1054	3.1195	0.012
Base	~5364		1.2(DL+LL+WL:-Y)	Combination	0.0047	-0.008	11.1765	-0.1083	3.1249	0.0124
Base	~5364		1.2(DL+LL+EQ:+X)	Combination	-0.0014	-0.013	11.2378	-0.1499	3.2082	0.0139
Base	~5364		1.2(DL+LL+EQ:-X)	Combination	0.0111	-0.0022	11.1111	-0.0637	3.0362	0.0105
Base	~5364		1.2(DL+LL+EQ:+Y)	Combination	0.0024	-0.0032	11.4332	-0.0775	3.14	0.0052
Base	~5364		1.2(DL+LL+EQ:-Y)	Combination	0.0073	-0.012	10.9158	-0.1362	3.1044	0.0192
Base	~5364		0.9DL+1.5EQ+X	Combination	-0.0051	-0.0126	6.4394	-0.1153	1.8846	0.011
Base	~5364		0.9DL+1.5EQ-X	Combination	0.0106	0.0009	6.2811	-0.0076	1.6696	0.0068
Base	~5364		0.9DL+1.5EQY+	Combination	-0.0003	-0.0004	6.6836	-0.0248	1.7993	0.0001
Base	~5364		0.9DL+1.5EQY-	Combination	0.0058	-0.0113	6.0369	-0.0981	1.7549	0.0177
Base	~5364		DWals1	Combination	0.0046	-0.0098	10.6004	-0.1024	2.9618	0.0149
Base	~5364		DWals2	Combination	0.0061	-0.0095	13.9681	-0.1335	3.9028	0.0153
Base	~5364		DWals3	Combination	0.005	-0.0078	11.153	-0.1093	3.1207	0.0126
Base	~5364		DWals4	Combination	0.0047	-0.0073	11.1959	-0.1043	3.1237	0.0119
Base	~5364		DWals5	Combination	0.0051	-0.0071	11.1724	-0.1054	3.1195	0.012
Base	~5364		DWals6	Combination	0.0047	-0.008	11.1765	-0.1083	3.1249	0.0124
Base	~5364		DWals7	Combination	0.0047	-0.0101	10.5736	-0.1055	2.9599	0.0153
Base	~5364		DWals8	Combination	0.0044	-0.0095	10.6273	-0.0993	2.9638	0.0144
Base	~5364		DWals9	Combination	0.0048	-0.0092	10.5979	-0.1006	2.9584	0.0146
Base	~5364		DWals10	Combination	0.0043	-0.0103	10.603	-0.1042	2.9652	0.0151
Base	~5364		DWals11	Combination	0.0029	-0.0062	6.3334	-0.0645	1.7752	0.0094
Base	~5364		DWals12	Combination	0.0026	-0.0056	6.3871	-0.0583	1.779	0.0085

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5364		DWals13	Combination	0.003	-0.0053	6.3577	-0.0596	1.7737	0.0087
Base	~5364		DWals14	Combination	0.0025	-0.0064	6.3629	-0.0632	1.7805	0.0092
Base	~5364		DWals15	Combination	-0.0014	-0.013	11.2378	-0.1499	3.2082	0.0139
Base	~5364		DWals16	Combination	0.0111	-0.0022	11.1111	-0.0637	3.0362	0.0105
Base	~5364		DWals17	Combination	0.0024	-0.0032	11.4332	-0.0775	3.14	0.0052
Base	~5364		DWals18	Combination	0.0073	-0.012	10.9158	-0.1362	3.1044	0.0192
Base	~5364		DWals19	Combination	-0.0033	-0.0165	10.6796	-0.1562	3.0693	0.017
Base	~5364		DWals20	Combination	0.0124	-0.003	10.5213	-0.0485	2.8544	0.0128
Base	~5364		DWals21	Combination	0.0015	-0.0043	10.9238	-0.0657	2.984	0.0061
Base	~5364		DWals22	Combination	0.0076	-0.0152	10.2771	-0.139	2.9396	0.0237
Base	~5364		DWals23	Combination	-0.0051	-0.0126	6.4394	-0.1153	1.8846	0.011
Base	~5364		DWals24	Combination	0.0106	0.0009	6.2811	-0.0076	1.6696	0.0068
Base	~5364		DWals25	Combination	-0.0003	-0.0004	6.6836	-0.0248	1.7993	0.0001
Base	~5364		DWals26	Combination	0.0058	-0.0113	6.0369	-0.0981	1.7549	0.0177
Base	~5366		Dead	LinStatic	-0.0229	-0.1555	5.9676	0	0	0
Base	~5366		Live	LinStatic	-0.0027	-0.0057	1.712	0	0	0
Base	~5366		windx	LinStatic	-0.0009	-0.005	-0.0327	0	0	0
Base	~5366		windy	LinStatic	-0.0003	0.0007	-0.0902	0	0	0
Base	~5366		seismic x	LinStatic	0.0108	-0.0009	2.5532	0	0	0
Base	~5366		seismic y	LinStatic	0.019	0.1043	0.4756	0	0	0
Base	~5366		1.5(DL+LL)	Combination	-0.0383	-0.2418	11.5194	0	0	0
Base	~5366		1.5(DL+EQ:+X)	Combination	-0.0181	-0.2346	12.7812	0	0	0
Base	~5366		1.5(DL+EQ:-X)	Combination	-0.0506	-0.2319	5.1216	0	0	0
Base	~5366		1.5(DL+EQ:+Y)	Combination	-0.0059	-0.0768	9.6648	0	0	0
Base	~5366		1.5(DL+EQ:-Y)	Combination	-0.0628	-0.3896	8.238	0	0	0
Base	~5366		1.5(DL+WL:+X)	Combination	-0.0358	-0.2408	8.9023	0	0	0
Base	~5366		1.5(DL+WL:-X)	Combination	-0.0329	-0.2257	9.0005	0	0	0
Base	~5366		1.5(DL+WL:+Y)	Combination	-0.0349	-0.2322	8.8162	0	0	0
Base	~5366		1.5(DL+WL:-Y)	Combination	-0.0338	-0.2343	9.0867	0	0	0
Base	~5366		1.2(DL+LL+WL:+X)	Combination	-0.0318	-0.1994	9.1762	0	0	0
Base	~5366		1.2(DL+LL+WL:-X)	Combination	-0.0295	-0.1874	9.2548	0	0	0
Base	~5366		1.2(DL+LL+WL:+Y)	Combination	-0.0311	-0.1925	9.1073	0	0	0
Base	~5366		1.2(DL+LL+WL:-Y)	Combination	-0.0303	-0.1943	9.3237	0	0	0
Base	~5366		1.2(DL+LL+EQ:+X)	Combination	-0.0177	-0.1945	12.2794	0	0	0
Base	~5366		1.2(DL+LL+EQ:-X)	Combination	-0.0437	-0.1923	6.1517	0	0	0
Base	~5366		1.2(DL+LL+EQ:+Y)	Combination	-0.0079	-0.0683	9.7863	0	0	0
Base	~5366		1.2(DL+LL+EQ:-Y)	Combination	-0.0534	-0.3185	8.6448	0	0	0
Base	~5366		0.9DL+1.5EQ+X	Combination	-0.0043	-0.1413	9.2006	0	0	0
Base	~5366		0.9DL+1.5EQ-X	Combination	-0.0369	-0.1386	1.541	0	0	0
Base	~5366		0.9DL+1.5EQY+	Combination	0.0079	0.0165	6.0843	0	0	0
Base	~5366		0.9DL+1.5EQY-	Combination	-0.0491	-0.2963	4.6574	0	0	0
Base	~5366		DWals1	Combination	-0.0343	-0.2332	8.9514	0	0	0
Base	~5366		DWals2	Combination	-0.0383	-0.2418	11.5194	0	0	0
Base	~5366		DWals3	Combination	-0.0318	-0.1994	9.1762	0	0	0
Base	~5366		DWals4	Combination	-0.0295	-0.1874	9.2548	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5366		DWals5	Combination	-0.0311	-0.1925	9.1073	0	0	0
Base	~5366		DWals6	Combination	-0.0303	-0.1943	9.3237	0	0	0
Base	~5366		DWals7	Combination	-0.0358	-0.2408	8.9023	0	0	0
Base	~5366		DWals8	Combination	-0.0329	-0.2257	9.0005	0	0	0
Base	~5366		DWals9	Combination	-0.0349	-0.2322	8.8162	0	0	0
Base	~5366		DWals10	Combination	-0.0338	-0.2343	9.0867	0	0	0
Base	~5366		DWals11	Combination	-0.022	-0.1475	5.3217	0	0	0
Base	~5366		DWals12	Combination	-0.0192	-0.1324	5.42	0	0	0
Base	~5366		DWals13	Combination	-0.0211	-0.1389	5.2356	0	0	0
Base	~5366		DWals14	Combination	-0.0201	-0.141	5.5061	0	0	0
Base	~5366		DWals15	Combination	-0.0177	-0.1945	12.2794	0	0	0
Base	~5366		DWals16	Combination	-0.0437	-0.1923	6.1517	0	0	0
Base	~5366		DWals17	Combination	-0.0079	-0.0683	9.7863	0	0	0
Base	~5366		DWals18	Combination	-0.0534	-0.3185	8.6448	0	0	0
Base	~5366		DWals19	Combination	-0.0181	-0.2346	12.7812	0	0	0
Base	~5366		DWals20	Combination	-0.0506	-0.2319	5.1216	0	0	0
Base	~5366		DWals21	Combination	-0.0059	-0.0768	9.6648	0	0	0
Base	~5366		DWals22	Combination	-0.0628	-0.3896	8.238	0	0	0
Base	~5366		DWals23	Combination	-0.0043	-0.1413	9.2006	0	0	0
Base	~5366		DWals24	Combination	-0.0369	-0.1386	1.541	0	0	0
Base	~5366		DWals25	Combination	0.0079	0.0165	6.0843	0	0	0
Base	~5366		DWals26	Combination	-0.0491	-0.2963	4.6574	0	0	0
Base	~5371		Dead	LinStatic	-0.0247	-0.0246	6.0312	0	0	0
Base	~5371		Live	LinStatic	-0.0049	-0.0101	1.86	0	0	0
Base	~5371		windx	LinStatic	-0.0015	-0.0015	-0.0729	0	0	0
Base	~5371		windy	LinStatic	-0.0014	-0.001	-0.0232	0	0	0
Base	~5371		seismic x	LinStatic	0.0278	0.0466	0.6131	0	0	0
Base	~5371		seismic y	LinStatic	0.0321	0.0252	0.9215	0	0	0
Base	~5371		1.5(DL+LL)	Combination	-0.0445	-0.0521	11.8369	0	0	0
Base	~5371		1.5(DL+EQ:+X)	Combination	0.0046	0.033	9.9665	0	0	0
Base	~5371		1.5(DL+EQ:-X)	Combination	-0.0788	-0.1069	8.1272	0	0	0
Base	~5371		1.5(DL+EQ:+Y)	Combination	0.011	0.0009	10.4291	0	0	0
Base	~5371		1.5(DL+EQ:-Y)	Combination	-0.0852	-0.0748	7.6647	0	0	0
Base	~5371		1.5(DL+WL:+X)	Combination	-0.0394	-0.0392	8.9375	0	0	0
Base	~5371		1.5(DL+WL:-X)	Combination	-0.0348	-0.0347	9.1563	0	0	0
Base	~5371		1.5(DL+WL:+Y)	Combination	-0.0392	-0.0385	9.012	0	0	0
Base	~5371		1.5(DL+WL:-Y)	Combination	-0.035	-0.0354	9.0817	0	0	0
Base	~5371		1.2(DL+LL+WL:+X)	Combination	-0.0374	-0.0434	9.382	0	0	0
Base	~5371		1.2(DL+LL+WL:-X)	Combination	-0.0337	-0.0399	9.557	0	0	0
Base	~5371		1.2(DL+LL+WL:+Y)	Combination	-0.0372	-0.0429	9.4417	0	0	0
Base	~5371		1.2(DL+LL+WL:-Y)	Combination	-0.0339	-0.0404	9.4974	0	0	0
Base	~5371		1.2(DL+LL+EQ:+X)	Combination	-0.0022	0.0143	10.2052	0	0	0
Base	~5371		1.2(DL+LL+EQ:-X)	Combination	-0.0689	-0.0976	8.7338	0	0	0
Base	~5371		1.2(DL+LL+EQ:+Y)	Combination	0.0029	-0.0114	10.5753	0	0	0
Base	~5371		1.2(DL+LL+EQ:-Y)	Combination	-0.0741	-0.0719	8.3637	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5371		0.9DL+1.5EQ+X	Combination	0.0194	0.0478	6.3477	0	0	0
Base	~5371		0.9DL+1.5EQ-X	Combination	-0.0639	-0.0921	4.5085	0	0	0
Base	~5371		0.9DL+1.5EQY+	Combination	0.0259	0.0157	6.8103	0	0	0
Base	~5371		0.9DL+1.5EQY-	Combination	-0.0704	-0.06	4.0459	0	0	0
Base	~5371		DWals1	Combination	-0.0371	-0.0369	9.0469	0	0	0
Base	~5371		DWals2	Combination	-0.0445	-0.0521	11.8369	0	0	0
Base	~5371		DWals3	Combination	-0.0374	-0.0434	9.382	0	0	0
Base	~5371		DWals4	Combination	-0.0337	-0.0399	9.557	0	0	0
Base	~5371		DWals5	Combination	-0.0372	-0.0429	9.4417	0	0	0
Base	~5371		DWals6	Combination	-0.0339	-0.0404	9.4974	0	0	0
Base	~5371		DWals7	Combination	-0.0394	-0.0392	8.9375	0	0	0
Base	~5371		DWals8	Combination	-0.0348	-0.0347	9.1563	0	0	0
Base	~5371		DWals9	Combination	-0.0392	-0.0385	9.012	0	0	0
Base	~5371		DWals10	Combination	-0.035	-0.0354	9.0817	0	0	0
Base	~5371		DWals11	Combination	-0.0246	-0.0244	5.3187	0	0	0
Base	~5371		DWals12	Combination	-0.02	-0.02	5.5375	0	0	0
Base	~5371		DWals13	Combination	-0.0243	-0.0237	5.3933	0	0	0
Base	~5371		DWals14	Combination	-0.0202	-0.0206	5.4629	0	0	0
Base	~5371		DWals15	Combination	-0.0022	0.0143	10.2052	0	0	0
Base	~5371		DWals16	Combination	-0.0689	-0.0976	8.7338	0	0	0
Base	~5371		DWals17	Combination	0.0029	-0.0114	10.5753	0	0	0
Base	~5371		DWals18	Combination	-0.0741	-0.0719	8.3637	0	0	0
Base	~5371		DWals19	Combination	0.0046	0.033	9.9665	0	0	0
Base	~5371		DWals20	Combination	-0.0788	-0.1069	8.1272	0	0	0
Base	~5371		DWals21	Combination	0.011	0.0009	10.4291	0	0	0
Base	~5371		DWals22	Combination	-0.0852	-0.0748	7.6647	0	0	0
Base	~5371		DWals23	Combination	0.0194	0.0478	6.3477	0	0	0
Base	~5371		DWals24	Combination	-0.0639	-0.0921	4.5085	0	0	0
Base	~5371		DWals25	Combination	0.0259	0.0157	6.8103	0	0	0
Base	~5371		DWals26	Combination	-0.0704	-0.06	4.0459	0	0	0
Base	~5372		Dead	LinStatic	0.0188	-0.028	5.6547	0	0	0
Base	~5372		Live	LinStatic	-0.0126	0.0091	1.8225	0	0	0
Base	~5372		windx	LinStatic	0.0012	-0.0006	0.0689	0	0	0
Base	~5372		windy	LinStatic	0.0011	-0.0014	-0.0107	0	0	0
Base	~5372		seismic x	LinStatic	0.0473	-0.0295	0.5078	0	0	0
Base	~5372		seismic y	LinStatic	-0.0393	0.0246	-0.9288	0	0	0
Base	~5372		1.5(DL+LL)	Combination	0.0093	-0.0283	11.2159	0	0	0
Base	~5372		1.5(DL+EQ:+X)	Combination	0.0991	-0.0863	9.2438	0	0	0
Base	~5372		1.5(DL+EQ:-X)	Combination	-0.0428	0.0024	7.7204	0	0	0
Base	~5372		1.5(DL+EQ:+Y)	Combination	-0.0308	-0.005	7.0889	0	0	0
Base	~5372		1.5(DL+EQ:-Y)	Combination	0.0872	-0.0789	9.8753	0	0	0
Base	~5372		1.5(DL+WL:+X)	Combination	0.0299	-0.0428	8.5854	0	0	0
Base	~5372		1.5(DL+WL:-X)	Combination	0.0264	-0.0411	8.3787	0	0	0
Base	~5372		1.5(DL+WL:+Y)	Combination	0.0298	-0.0441	8.466	0	0	0
Base	~5372		1.5(DL+WL:-Y)	Combination	0.0266	-0.0398	8.4981	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5372		1.2(DL+LL+WL:+X)	Combination	0.0089	-0.0233	9.0554	0	0	0
Base	~5372		1.2(DL+LL+WL:-X)	Combination	0.006	-0.0219	8.89	0	0	0
Base	~5372		1.2(DL+LL+WL:+Y)	Combination	0.0087	-0.0243	8.9599	0	0	0
Base	~5372		1.2(DL+LL+WL:-Y)	Combination	0.0062	-0.0209	8.9855	0	0	0
Base	~5372		1.2(DL+LL+EQ:+X)	Combination	0.0642	-0.0581	9.5821	0	0	0
Base	~5372		1.2(DL+LL+EQ:-X)	Combination	-0.0493	0.0128	8.3633	0	0	0
Base	~5372		1.2(DL+LL+EQ:+Y)	Combination	-0.0398	0.007	7.8581	0	0	0
Base	~5372		1.2(DL+LL+EQ:-Y)	Combination	0.0547	-0.0522	10.0873	0	0	0
Base	~5372		0.9DL+1.5EQ+X	Combination	0.0879	-0.0695	5.8509	0	0	0
Base	~5372		0.9DL+1.5EQ-X	Combination	-0.0541	0.0191	4.3275	0	0	0
Base	~5372		0.9DL+1.5EQY+	Combination	-0.0421	0.0118	3.696	0	0	0
Base	~5372		0.9DL+1.5EQY-	Combination	0.0759	-0.0621	6.4824	0	0	0
Base	~5372		DWals1	Combination	0.0282	-0.0419	8.4821	0	0	0
Base	~5372		DWals2	Combination	0.0093	-0.0283	11.2159	0	0	0
Base	~5372		DWals3	Combination	0.0089	-0.0233	9.0554	0	0	0
Base	~5372		DWals4	Combination	0.006	-0.0219	8.89	0	0	0
Base	~5372		DWals5	Combination	0.0087	-0.0243	8.9599	0	0	0
Base	~5372		DWals6	Combination	0.0062	-0.0209	8.9855	0	0	0
Base	~5372		DWals7	Combination	0.0299	-0.0428	8.5854	0	0	0
Base	~5372		DWals8	Combination	0.0264	-0.0411	8.3787	0	0	0
Base	~5372		DWals9	Combination	0.0298	-0.0441	8.466	0	0	0
Base	~5372		DWals10	Combination	0.0266	-0.0398	8.4981	0	0	0
Base	~5372		DWals11	Combination	0.0187	-0.026	5.1926	0	0	0
Base	~5372		DWals12	Combination	0.0151	-0.0243	4.9859	0	0	0
Base	~5372		DWals13	Combination	0.0185	-0.0273	5.0732	0	0	0
Base	~5372		DWals14	Combination	0.0153	-0.023	5.1053	0	0	0
Base	~5372		DWals15	Combination	0.0642	-0.0581	9.5821	0	0	0
Base	~5372		DWals16	Combination	-0.0493	0.0128	8.3633	0	0	0
Base	~5372		DWals17	Combination	-0.0398	0.007	7.8581	0	0	0
Base	~5372		DWals18	Combination	0.0547	-0.0522	10.0873	0	0	0
Base	~5372		DWals19	Combination	0.0991	-0.0863	9.2438	0	0	0
Base	~5372		DWals20	Combination	-0.0428	0.0024	7.7204	0	0	0
Base	~5372		DWals21	Combination	-0.0308	-0.005	7.0889	0	0	0
Base	~5372		DWals22	Combination	0.0872	-0.0789	9.8753	0	0	0
Base	~5372		DWals23	Combination	0.0879	-0.0695	5.8509	0	0	0
Base	~5372		DWals24	Combination	-0.0541	0.0191	4.3275	0	0	0
Base	~5372		DWals25	Combination	-0.0421	0.0118	3.696	0	0	0
Base	~5372		DWals26	Combination	0.0759	-0.0621	6.4824	0	0	0
Base	~5374		Dead	LinStatic	-0.0132	0.1721	4.9419	0	0	0
Base	~5374		Live	LinStatic	0.0053	-0.0097	1.6579	0	0	0
Base	~5374		windx	LinStatic	0.0014	-0.0076	-0.0431	0	0	0
Base	~5374		windy	LinStatic	-0.0038	0.0119	0.2292	0	0	0
Base	~5374		seismic x	LinStatic	0.0167	0.0137	-2.4398	0	0	0
Base	~5374		seismic y	LinStatic	-0.018	0.0951	0.4585	0	0	0
Base	~5374		1.5(DL+LL)	Combination	-0.0119	0.2437	9.8997	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5374		1.5(DL+EQ:+X)	Combination	0.0053	0.2787	3.7531	0	0	0
Base	~5374		1.5(DL+EQ:-X)	Combination	-0.0448	0.2377	11.0726	0	0	0
Base	~5374		1.5(DL+EQ:+Y)	Combination	-0.0468	0.4009	8.1006	0	0	0
Base	~5374		1.5(DL+EQ:-Y)	Combination	0.0072	0.1155	6.7251	0	0	0
Base	~5374		1.5(DL+WL:+X)	Combination	-0.0177	0.2467	7.3482	0	0	0
Base	~5374		1.5(DL+WL:-X)	Combination	-0.0219	0.2697	7.4775	0	0	0
Base	~5374		1.5(DL+WL:+Y)	Combination	-0.0254	0.276	7.7567	0	0	0
Base	~5374		1.5(DL+WL:-Y)	Combination	-0.0141	0.2404	7.069	0	0	0
Base	~5374		1.2(DL+LL+WL:+X)	Combination	-0.0078	0.1858	7.8681	0	0	0
Base	~5374		1.2(DL+LL+WL:-X)	Combination	-0.0112	0.2041	7.9715	0	0	0
Base	~5374		1.2(DL+LL+WL:+Y)	Combination	-0.014	0.2092	8.1948	0	0	0
Base	~5374		1.2(DL+LL+WL:-Y)	Combination	-0.005	0.1807	7.6447	0	0	0
Base	~5374		1.2(DL+LL+EQ:+X)	Combination	0.0105	0.2113	4.992	0	0	0
Base	~5374		1.2(DL+LL+EQ:-X)	Combination	-0.0295	0.1786	10.8476	0	0	0
Base	~5374		1.2(DL+LL+EQ:+Y)	Combination	-0.0311	0.3091	8.47	0	0	0
Base	~5374		1.2(DL+LL+EQ:-Y)	Combination	0.0121	0.0808	7.3695	0	0	0
Base	~5374		0.9DL+1.5EQ+X	Combination	0.0132	0.1754	0.788	0	0	0
Base	~5374		0.9DL+1.5EQ-X	Combination	-0.0369	0.1344	8.1074	0	0	0
Base	~5374		0.9DL+1.5EQY+	Combination	-0.0389	0.2976	5.1355	0	0	0
Base	~5374		0.9DL+1.5EQY-	Combination	0.0151	0.0123	3.7599	0	0	0
Base	~5374		DWals1	Combination	-0.0198	0.2582	7.4128	0	0	0
Base	~5374		DWals2	Combination	-0.0119	0.2437	9.8997	0	0	0
Base	~5374		DWals3	Combination	-0.0078	0.1858	7.8681	0	0	0
Base	~5374		DWals4	Combination	-0.0112	0.2041	7.9715	0	0	0
Base	~5374		DWals5	Combination	-0.014	0.2092	8.1948	0	0	0
Base	~5374		DWals6	Combination	-0.005	0.1807	7.6447	0	0	0
Base	~5374		DWals7	Combination	-0.0177	0.2467	7.3482	0	0	0
Base	~5374		DWals8	Combination	-0.0219	0.2697	7.4775	0	0	0
Base	~5374		DWals9	Combination	-0.0254	0.276	7.7567	0	0	0
Base	~5374		DWals10	Combination	-0.0141	0.2404	7.069	0	0	0
Base	~5374		DWals11	Combination	-0.0097	0.1435	4.3831	0	0	0
Base	~5374		DWals12	Combination	-0.014	0.1664	4.5123	0	0	0
Base	~5374		DWals13	Combination	-0.0175	0.1728	4.7915	0	0	0
Base	~5374		DWals14	Combination	-0.0062	0.1371	4.1039	0	0	0
Base	~5374		DWals15	Combination	0.0105	0.2113	4.992	0	0	0
Base	~5374		DWals16	Combination	-0.0295	0.1786	10.8476	0	0	0
Base	~5374		DWals17	Combination	-0.0311	0.3091	8.47	0	0	0
Base	~5374		DWals18	Combination	0.0121	0.0808	7.3695	0	0	0
Base	~5374		DWals19	Combination	0.0053	0.2787	3.7531	0	0	0
Base	~5374		DWals20	Combination	-0.0448	0.2377	11.0726	0	0	0
Base	~5374		DWals21	Combination	-0.0468	0.4009	8.1006	0	0	0
Base	~5374		DWals22	Combination	0.0072	0.1155	6.7251	0	0	0
Base	~5374		DWals23	Combination	0.0132	0.1754	0.788	0	0	0
Base	~5374		DWals24	Combination	-0.0369	0.1344	8.1074	0	0	0
Base	~5374		DWals25	Combination	-0.0389	0.2976	5.1355	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5374		DWals26	Combination	0.0151	0.0123	3.7599	0	0	0
Base	~5375		Dead	LinStatic	0.0016	0.0151	7.0312	0.0044	-1.9422	0.0152
Base	~5375		Live	LinStatic	-0.0008	0.0004	2.2302	-0.0001	-0.6206	-0.0002
Base	~5375		windx	LinStatic	-0.0002	-0.0005	-0.0212	-0.0029	0.0011	-0.0006
Base	~5375		windy	LinStatic	0.0005	0.0003	0.0065	-0.0007	-0.0066	0.0006
Base	~5375		seismic x	LinStatic	-0.003	0.0066	-0.0574	0.0088	0.0703	0.0038
Base	~5375		seismic y	LinStatic	0.0029	0.0057	0.2076	0.0289	-0.0102	0.0068
Base	~5375		1.5(DL+LL)	Combination	0.0013	0.0233	13.8921	0.0064	-3.8442	0.0226
Base	~5375		1.5(DL+EQ:+X)	Combination	-0.0021	0.0325	10.4607	0.0198	-2.8079	0.0286
Base	~5375		1.5(DL+EQ:-X)	Combination	0.007	0.0127	10.633	-0.0065	-3.0188	0.0172
Base	~5375		1.5(DL+EQ:+Y)	Combination	0.0068	0.0313	10.8583	0.05	-2.9287	0.0331
Base	~5375		1.5(DL+EQ:-Y)	Combination	-0.0019	0.014	10.2354	-0.0367	-2.898	0.0126
Base	~5375		1.5(DL+WL:+X)	Combination	0.0021	0.0219	10.5151	0.0022	-2.9116	0.022
Base	~5375		1.5(DL+WL:-X)	Combination	0.0028	0.0233	10.5786	0.0111	-2.915	0.0237
Base	~5375		1.5(DL+WL:+Y)	Combination	0.0032	0.0231	10.5566	0.0055	-2.9233	0.0238
Base	~5375		1.5(DL+WL:-Y)	Combination	0.0017	0.0222	10.5371	0.0078	-2.9034	0.0219
Base	~5375		1.2(DL+LL+WL:+X)	Combination	0.0008	0.018	11.0883	0.0016	-3.074	0.0174
Base	~5375		1.2(DL+LL+WL:-X)	Combination	0.0013	0.0192	11.1391	0.0087	-3.0767	0.0187
Base	~5375		1.2(DL+LL+WL:+Y)	Combination	0.0016	0.0189	11.1215	0.0043	-3.0833	0.0188
Base	~5375		1.2(DL+LL+WL:-Y)	Combination	0.0005	0.0183	11.1059	0.006	-3.0674	0.0173
Base	~5375		1.2(DL+LL+EQ:+X)	Combination	-0.0026	0.0265	11.0448	0.0157	-2.991	0.0226
Base	~5375		1.2(DL+LL+EQ:-X)	Combination	0.0047	0.0107	11.1826	-0.0054	-3.1597	0.0135
Base	~5375		1.2(DL+LL+EQ:+Y)	Combination	0.0045	0.0255	11.3628	0.0399	-3.0876	0.0263
Base	~5375		1.2(DL+LL+EQ:-Y)	Combination	-0.0024	0.0117	10.8646	-0.0296	-3.0631	0.0099
Base	~5375		0.9DL+1.5EQ+X	Combination	-0.003	0.0235	6.242	0.0172	-1.6425	0.0194
Base	~5375		0.9DL+1.5EQ-X	Combination	0.006	0.0037	6.4143	-0.0092	-1.8535	0.008
Base	~5375		0.9DL+1.5EQY+	Combination	0.0058	0.0222	6.6395	0.0474	-1.7633	0.024
Base	~5375		0.9DL+1.5EQY-	Combination	-0.0028	0.005	6.0167	-0.0394	-1.7327	0.0035
Base	~5375		DWals1	Combination	0.0024	0.0226	10.5469	0.0066	-2.9133	0.0229
Base	~5375		DWals2	Combination	0.0013	0.0233	13.8921	0.0064	-3.8442	0.0226
Base	~5375		DWals3	Combination	0.0008	0.018	11.0883	0.0016	-3.074	0.0174
Base	~5375		DWals4	Combination	0.0013	0.0192	11.1391	0.0087	-3.0767	0.0187
Base	~5375		DWals5	Combination	0.0016	0.0189	11.1215	0.0043	-3.0833	0.0188
Base	~5375		DWals6	Combination	0.0005	0.0183	11.1059	0.006	-3.0674	0.0173
Base	~5375		DWals7	Combination	0.0021	0.0219	10.5151	0.0022	-2.9116	0.022
Base	~5375		DWals8	Combination	0.0028	0.0233	10.5786	0.0111	-2.915	0.0237
Base	~5375		DWals9	Combination	0.0032	0.0231	10.5566	0.0055	-2.9233	0.0238
Base	~5375		DWals10	Combination	0.0017	0.0222	10.5371	0.0078	-2.9034	0.0219
Base	~5375		DWals11	Combination	0.0011	0.0129	6.2964	-0.0004	-1.7463	0.0129
Base	~5375		DWals12	Combination	0.0018	0.0143	6.3599	0.0084	-1.7497	0.0146
Base	~5375		DWals13	Combination	0.0022	0.014	6.3379	0.0029	-1.7579	0.0147
Base	~5375		DWals14	Combination	0.0007	0.0132	6.3184	0.0051	-1.7381	0.0128
Base	~5375		DWals15	Combination	-0.0026	0.0265	11.0448	0.0157	-2.991	0.0226
Base	~5375		DWals16	Combination	0.0047	0.0107	11.1826	-0.0054	-3.1597	0.0135
Base	~5375		DWals17	Combination	0.0045	0.0255	11.3628	0.0399	-3.0876	0.0263

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5375		DWals18	Combination	-0.0024	0.0117	10.8646	-0.0296	-3.0631	0.0099
Base	~5375		DWals19	Combination	-0.0021	0.0325	10.4607	0.0198	-2.8079	0.0286
Base	~5375		DWals20	Combination	0.007	0.0127	10.633	-0.0065	-3.0188	0.0172
Base	~5375		DWals21	Combination	0.0068	0.0313	10.8583	0.05	-2.9287	0.0331
Base	~5375		DWals22	Combination	-0.0019	0.014	10.2354	-0.0367	-2.898	0.0126
Base	~5375		DWals23	Combination	-0.003	0.0235	6.242	0.0172	-1.6425	0.0194
Base	~5375		DWals24	Combination	0.006	0.0037	6.4143	-0.0092	-1.8535	0.008
Base	~5375		DWals25	Combination	0.0058	0.0222	6.6395	0.0474	-1.7633	0.024
Base	~5375		DWals26	Combination	-0.0028	0.005	6.0167	-0.0394	-1.7327	0.0035
Base	~5377		Dead	LinStatic	-0.0044	-0.0039	8.3966	0.0095	-2.7032	-0.0025
Base	~5377		Live	LinStatic	-0.0016	0.0001	2.6807	0.0035	-0.8674	-0.0001
Base	~5377		windx	LinStatic	2.535E-06	2.903E-05	-0.0015	0.0006	0.0008	0.0001
Base	~5377		windy	LinStatic	0.0009	-0.0001	0.0259	0.0003	-0.0167	3.026E-05
Base	~5377		seismic x	LinStatic	-0.0072	0.0004	-0.284	-0.0037	0.1833	-0.0007
Base	~5377		seismic y	LinStatic	-0.0003	-4.786E-05	0.0133	-0.0057	-0.0057	-0.0009
Base	~5377		1.5(DL+LL)	Combination	-0.0089	-0.0058	16.6159	0.0195	-5.356	-0.0039
Base	~5377		1.5(DL+EQ:+X)	Combination	-0.0174	-0.0052	12.1689	0.0088	-3.78	-0.0048
Base	~5377		1.5(DL+EQ:-X)	Combination	0.0043	-0.0065	13.0209	0.0198	-4.3297	-0.0027
Base	~5377		1.5(DL+EQ:+Y)	Combination	-0.007	-0.0059	12.6148	0.0058	-4.0633	-0.005
Base	~5377		1.5(DL+EQ:-Y)	Combination	-0.0061	-0.0058	12.5751	0.0228	-4.0464	-0.0024
Base	~5377		1.5(DL+WL:+X)	Combination	-0.0066	-0.0058	12.5926	0.0152	-4.0536	-0.0036
Base	~5377		1.5(DL+WL:-X)	Combination	-0.0066	-0.0059	12.5972	0.0134	-4.0561	-0.0038
Base	~5377		1.5(DL+WL:+Y)	Combination	-0.0053	-0.0059	12.6338	0.0148	-4.0799	-0.0037
Base	~5377		1.5(DL+WL:-Y)	Combination	-0.0079	-0.0058	12.5561	0.0138	-4.0298	-0.0038
Base	~5377		1.2(DL+LL+WL:+X)	Combination	-0.0071	-0.0046	13.2909	0.0163	-4.2838	-0.0031
Base	~5377		1.2(DL+LL+WL:-X)	Combination	-0.0071	-0.0046	13.2946	0.0149	-4.2858	-0.0032
Base	~5377		1.2(DL+LL+WL:+Y)	Combination	-0.0061	-0.0047	13.3238	0.016	-4.3049	-0.0031
Base	~5377		1.2(DL+LL+WL:-Y)	Combination	-0.0082	-0.0045	13.2617	0.0152	-4.2647	-0.0032
Base	~5377		1.2(DL+LL+EQ:+X)	Combination	-0.0158	-0.0041	12.9519	0.0112	-4.0649	-0.004
Base	~5377		1.2(DL+LL+EQ:-X)	Combination	0.0015	-0.0051	13.6335	0.02	-4.5047	-0.0023
Base	~5377		1.2(DL+LL+EQ:+Y)	Combination	-0.0075	-0.0047	13.3086	0.0088	-4.2916	-0.0042
Base	~5377		1.2(DL+LL+EQ:-Y)	Combination	-0.0068	-0.0046	13.2768	0.0224	-4.278	-0.0021
Base	~5377		0.9DL+1.5EQ+X	Combination	-0.0148	-0.0029	7.131	0.0031	-2.158	-0.0033
Base	~5377		0.9DL+1.5EQ-X	Combination	0.0069	-0.0041	7.983	0.0141	-2.7078	-0.0012
Base	~5377		0.9DL+1.5EQY+	Combination	-0.0044	-0.0036	7.5768	4.539E-05	-2.4414	-0.0035
Base	~5377		0.9DL+1.5EQY-	Combination	-0.0035	-0.0034	7.5371	0.0171	-2.4244	-0.001
Base	~5377		DWals1	Combination	-0.0066	-0.0059	12.5949	0.0143	-4.0549	-0.0037
Base	~5377		DWals2	Combination	-0.0089	-0.0058	16.6159	0.0195	-5.356	-0.0039
Base	~5377		DWals3	Combination	-0.0071	-0.0046	13.2909	0.0163	-4.2838	-0.0031
Base	~5377		DWals4	Combination	-0.0071	-0.0046	13.2946	0.0149	-4.2858	-0.0032
Base	~5377		DWals5	Combination	-0.0061	-0.0047	13.3238	0.016	-4.3049	-0.0031
Base	~5377		DWals6	Combination	-0.0082	-0.0045	13.2617	0.0152	-4.2647	-0.0032
Base	~5377		DWals7	Combination	-0.0066	-0.0058	12.5926	0.0152	-4.0536	-0.0036
Base	~5377		DWals8	Combination	-0.0066	-0.0059	12.5972	0.0134	-4.0561	-0.0038

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5377		DWals9	Combination	-0.0053	-0.0059	12.6338	0.0148	-4.0799	-0.0037
Base	~5377		DWals10	Combination	-0.0079	-0.0058	12.5561	0.0138	-4.0298	-0.0038
Base	~5377		DWals11	Combination	-0.0039	-0.0035	7.5547	0.0094	-2.4316	-0.0021
Base	~5377		DWals12	Combination	-0.0039	-0.0036	7.5593	0.0077	-2.4342	-0.0024
Base	~5377		DWals13	Combination	-0.0026	-0.0036	7.5958	0.0091	-2.458	-0.0022
Base	~5377		DWals14	Combination	-0.0052	-0.0034	7.5181	0.0081	-2.4078	-0.0023
Base	~5377		DWals15	Combination	-0.0158	-0.0041	12.9519	0.0112	-4.0649	-0.004
Base	~5377		DWals16	Combination	0.0015	-0.0051	13.6335	0.02	-4.5047	-0.0023
Base	~5377		DWals17	Combination	-0.0075	-0.0047	13.3086	0.0088	-4.2916	-0.0042
Base	~5377		DWals18	Combination	-0.0068	-0.0046	13.2768	0.0224	-4.278	-0.0021
Base	~5377		DWals19	Combination	-0.0174	-0.0052	12.1689	0.0088	-3.78	-0.0048
Base	~5377		DWals20	Combination	0.0043	-0.0065	13.0209	0.0198	-4.3297	-0.0027
Base	~5377		DWals21	Combination	-0.007	-0.0059	12.6148	0.0058	-4.0633	-0.005
Base	~5377		DWals22	Combination	-0.0061	-0.0058	12.5751	0.0228	-4.0464	-0.0024
Base	~5377		DWals23	Combination	-0.0148	-0.0029	7.131	0.0031	-2.158	-0.0033
Base	~5377		DWals24	Combination	0.0069	-0.0041	7.983	0.0141	-2.7078	-0.0012
Base	~5377		DWals25	Combination	-0.0044	-0.0036	7.5768	4.539E-05	-2.4414	-0.0035
Base	~5377		DWals26	Combination	-0.0035	-0.0034	7.5371	0.0171	-2.4244	-0.001
Base	~5379		Dead	LinStatic	-0.0055	0.0044	7.0231	0.0639	-1.9601	0.0095
Base	~5379		Live	LinStatic	-0.001	-0.0003	2.2451	0.0208	-0.6273	0.0001
Base	~5379		windx	LinStatic	0.0001	-0.0003	0.0205	-0.0025	-0.0013	-0.0004
Base	~5379		windy	LinStatic	0.0005	1.922E-05	0.0053	0.0031	-0.0066	-0.0001
Base	~5379		seismic x	LinStatic	-0.005	-0.004	-0.0523	-0.0354	0.0708	-0.0011
Base	~5379		seismic y	LinStatic	-0.002	0.0037	-0.216	0.0247	0.015	0.0059
Base	~5379		1.5(DL+LL)	Combination	-0.0097	0.0061	13.9022	0.1271	-3.8811	0.0145
Base	~5379		1.5(DL+EQ:+X)	Combination	-0.0158	0.0006	10.4561	0.0428	-2.8339	0.0127
Base	~5379		1.5(DL+EQ:-X)	Combination	-0.0008	0.0126	10.6131	0.149	-3.0463	0.0158
Base	~5379		1.5(DL+EQ:+Y)	Combination	-0.0113	0.0121	10.2106	0.1329	-2.9176	0.0231
Base	~5379		1.5(DL+EQ:-Y)	Combination	-0.0053	0.001	10.8586	0.0589	-2.9626	0.0054
Base	~5379		1.5(DL+WL:+X)	Combination	-0.0081	0.0062	10.5653	0.0922	-2.9421	0.0136
Base	~5379		1.5(DL+WL:-X)	Combination	-0.0085	0.007	10.5038	0.0996	-2.9382	0.0149
Base	~5379		1.5(DL+WL:+Y)	Combination	-0.0076	0.0066	10.5426	0.1005	-2.95	0.0141
Base	~5379		1.5(DL+WL:-Y)	Combination	-0.009	0.0066	10.5266	0.0913	-2.9303	0.0145
Base	~5379		1.2(DL+LL+WL:+X)	Combination	-0.0076	0.0046	11.1464	0.0987	-3.1064	0.0111
Base	~5379		1.2(DL+LL+WL:-X)	Combination	-0.008	0.0052	11.0972	0.1047	-3.1033	0.0121
Base	~5379		1.2(DL+LL+WL:+Y)	Combination	-0.0072	0.0049	11.1282	0.1054	-3.1127	0.0114
Base	~5379		1.2(DL+LL+WL:-Y)	Combination	-0.0084	0.0049	11.1154	0.098	-3.097	0.0118
Base	~5379		1.2(DL+LL+EQ:+X)	Combination	-0.0138	0.0001	11.059	0.0592	-3.0199	0.0103
Base	~5379		1.2(DL+LL+EQ:-X)	Combination	-0.0018	0.0097	11.1845	0.1442	-3.1898	0.0129
Base	~5379		1.2(DL+LL+EQ:+Y)	Combination	-0.0102	0.0093	10.8626	0.1313	-3.0869	0.0186
Base	~5379		1.2(DL+LL+EQ:-Y)	Combination	-0.0054	0.0005	11.381	0.0721	-3.1228	0.0045
Base	~5379		0.9DL+1.5EQ+X	Combination	-0.0125	-0.002	6.2423	0.0044	-1.6579	0.007
Base	~5379		0.9DL+1.5EQ-X	Combination	0.0025	0.0099	6.3992	0.1107	-1.8703	0.0101
Base	~5379		0.9DL+1.5EQY+	Combination	-0.008	0.0095	5.9967	0.0945	-1.7416	0.0174
Base	~5379		0.9DL+1.5EQY-	Combination	-0.002	-0.0016	6.6448	0.0206	-1.7865	-0.0003

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5379		DWals1	Combination	-0.0083	0.0066	10.5346	0.0959	-2.9401	0.0143
Base	~5379		DWals2	Combination	-0.0097	0.0061	13.9022	0.1271	-3.8811	0.0145
Base	~5379		DWals3	Combination	-0.0076	0.0046	11.1464	0.0987	-3.1064	0.0111
Base	~5379		DWals4	Combination	-0.008	0.0052	11.0972	0.1047	-3.1033	0.0121
Base	~5379		DWals5	Combination	-0.0072	0.0049	11.1282	0.1054	-3.1127	0.0114
Base	~5379		DWals6	Combination	-0.0084	0.0049	11.1154	0.098	-3.097	0.0118
Base	~5379		DWals7	Combination	-0.0081	0.0062	10.5653	0.0922	-2.9421	0.0136
Base	~5379		DWals8	Combination	-0.0085	0.007	10.5038	0.0996	-2.9382	0.0149
Base	~5379		DWals9	Combination	-0.0076	0.0066	10.5426	0.1005	-2.95	0.0141
Base	~5379		DWals10	Combination	-0.009	0.0066	10.5266	0.0913	-2.9303	0.0145
Base	~5379		DWals11	Combination	-0.0048	0.0035	6.3515	0.0538	-1.766	0.0079
Base	~5379		DWals12	Combination	-0.0052	0.0044	6.29	0.0613	-1.7621	0.0092
Base	~5379		DWals13	Combination	-0.0043	0.004	6.3288	0.0621	-1.7739	0.0084
Base	~5379		DWals14	Combination	-0.0057	0.0039	6.3127	0.053	-1.7542	0.0088
Base	~5379		DWals15	Combination	-0.0138	0.0001	11.059	0.0592	-3.0199	0.0103
Base	~5379		DWals16	Combination	-0.0018	0.0097	11.1845	0.1442	-3.1898	0.0129
Base	~5379		DWals17	Combination	-0.0102	0.0093	10.8626	0.1313	-3.0869	0.0186
Base	~5379		DWals18	Combination	-0.0054	0.0005	11.381	0.0721	-3.1228	0.0045
Base	~5379		DWals19	Combination	-0.0158	0.0006	10.4561	0.0428	-2.8339	0.0127
Base	~5379		DWals20	Combination	-0.0008	0.0126	10.6131	0.149	-3.0463	0.0158
Base	~5379		DWals21	Combination	-0.0113	0.0121	10.2106	0.1329	-2.9176	0.0231
Base	~5379		DWals22	Combination	-0.0053	0.001	10.8586	0.0589	-2.9626	0.0054
Base	~5379		DWals23	Combination	-0.0125	-0.002	6.2423	0.0044	-1.6579	0.007
Base	~5379		DWals24	Combination	0.0025	0.0099	6.3992	0.1107	-1.8703	0.0101
Base	~5379		DWals25	Combination	-0.008	0.0095	5.9967	0.0945	-1.7416	0.0174
Base	~5379		DWals26	Combination	-0.002	-0.0016	6.6448	0.0206	-1.7865	-0.0003
Base	~5381		Dead	LinStatic	0.0293	0.1621	5.0065	0	0	0
Base	~5381		Live	LinStatic	0.0024	0.004	1.7134	0	0	0
Base	~5381		windx	LinStatic	-0.0013	-0.0076	0.0334	0	0	0
Base	~5381		windy	LinStatic	-0.0012	-0.0021	0.2128	0	0	0
Base	~5381		seismic x	LinStatic	0.0108	0.0028	-2.5152	0	0	0
Base	~5381		seismic y	LinStatic	0.0183	0.1031	-0.45	0	0	0
Base	~5381		1.5(DL+LL)	Combination	0.0475	0.2491	10.0799	0	0	0
Base	~5381		1.5(DL+EQ:+X)	Combination	0.0601	0.2473	3.737	0	0	0
Base	~5381		1.5(DL+EQ:-X)	Combination	0.0277	0.2389	11.2825	0	0	0
Base	~5381		1.5(DL+EQ:+Y)	Combination	0.0714	0.3978	6.8348	0	0	0
Base	~5381		1.5(DL+EQ:-Y)	Combination	0.0164	0.0885	8.1847	0	0	0
Base	~5381		1.5(DL+WL:+X)	Combination	0.0419	0.2318	7.5598	0	0	0
Base	~5381		1.5(DL+WL:-X)	Combination	0.0459	0.2545	7.4597	0	0	0
Base	~5381		1.5(DL+WL:+Y)	Combination	0.0422	0.2399	7.8289	0	0	0
Base	~5381		1.5(DL+WL:-Y)	Combination	0.0456	0.2463	7.1905	0	0	0
Base	~5381		1.2(DL+LL+WL:+X)	Combination	0.0364	0.1902	8.104	0	0	0
Base	~5381		1.2(DL+LL+WL:-X)	Combination	0.0396	0.2084	8.0239	0	0	0
Base	~5381		1.2(DL+LL+WL:+Y)	Combination	0.0366	0.1967	8.3193	0	0	0
Base	~5381		1.2(DL+LL+WL:-Y)	Combination	0.0394	0.2019	7.8086	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5381		1.2(DL+LL+EQ;+X)	Combination	0.0509	0.2027	5.0457	0	0	0
Base	~5381		1.2(DL+LL+EQ;-X)	Combination	0.0251	0.1959	11.0821	0	0	0
Base	~5381		1.2(DL+LL+EQ;+Y)	Combination	0.06	0.323	7.5239	0	0	0
Base	~5381		1.2(DL+LL+EQ;-Y)	Combination	0.016	0.0756	8.6039	0	0	0
Base	~5381		0.9DL+1.5EQ+X	Combination	0.0425	0.1501	0.7331	0	0	0
Base	~5381		0.9DL+1.5EQ-X	Combination	0.0102	0.1416	8.2786	0	0	0
Base	~5381		0.9DL+1.5EQY+	Combination	0.0538	0.3005	3.8309	0	0	0
Base	~5381		0.9DL+1.5EQY-	Combination	-0.0011	-0.0088	5.1808	0	0	0
Base	~5381		DWals1	Combination	0.0439	0.2431	7.5097	0	0	0
Base	~5381		DWals2	Combination	0.0475	0.2491	10.0799	0	0	0
Base	~5381		DWals3	Combination	0.0364	0.1902	8.104	0	0	0
Base	~5381		DWals4	Combination	0.0396	0.2084	8.0239	0	0	0
Base	~5381		DWals5	Combination	0.0366	0.1967	8.3193	0	0	0
Base	~5381		DWals6	Combination	0.0394	0.2019	7.8086	0	0	0
Base	~5381		DWals7	Combination	0.0419	0.2318	7.5598	0	0	0
Base	~5381		DWals8	Combination	0.0459	0.2545	7.4597	0	0	0
Base	~5381		DWals9	Combination	0.0422	0.2399	7.8289	0	0	0
Base	~5381		DWals10	Combination	0.0456	0.2463	7.1905	0	0	0
Base	~5381		DWals11	Combination	0.0244	0.1345	4.5559	0	0	0
Base	~5381		DWals12	Combination	0.0283	0.1572	4.4558	0	0	0
Base	~5381		DWals13	Combination	0.0246	0.1427	4.825	0	0	0
Base	~5381		DWals14	Combination	0.0281	0.1491	4.1866	0	0	0
Base	~5381		DWals15	Combination	0.0509	0.2027	5.0457	0	0	0
Base	~5381		DWals16	Combination	0.0251	0.1959	11.0821	0	0	0
Base	~5381		DWals17	Combination	0.06	0.323	7.5239	0	0	0
Base	~5381		DWals18	Combination	0.016	0.0756	8.6039	0	0	0
Base	~5381		DWals19	Combination	0.0601	0.2473	3.737	0	0	0
Base	~5381		DWals20	Combination	0.0277	0.2389	11.2825	0	0	0
Base	~5381		DWals21	Combination	0.0714	0.3978	6.8348	0	0	0
Base	~5381		DWals22	Combination	0.0164	0.0885	8.1847	0	0	0
Base	~5381		DWals23	Combination	0.0425	0.1501	0.7331	0	0	0
Base	~5381		DWals24	Combination	0.0102	0.1416	8.2786	0	0	0
Base	~5381		DWals25	Combination	0.0538	0.3005	3.8309	0	0	0
Base	~5381		DWals26	Combination	-0.0011	-0.0088	5.1808	0	0	0
Base	~5386		Dead	LinStatic	0.0409	0.0466	5.6412	0	0	0
Base	~5386		Live	LinStatic	0.0047	0.0096	1.8599	0	0	0
Base	~5386		windx	LinStatic	-0.0021	-0.0016	0.0854	0	0	0
Base	~5386		windy	LinStatic	-0.002	-0.0051	0.0498	0	0	0
Base	~5386		seismic x	LinStatic	0.0266	0.045	-0.6043	0	0	0
Base	~5386		seismic y	LinStatic	0.0298	0.0237	-0.9132	0	0	0
Base	~5386		1.5(DL+LL)	Combination	0.0683	0.0843	11.2517	0	0	0
Base	~5386		1.5(DL+EQ;+X)	Combination	0.1013	0.1375	7.5553	0	0	0
Base	~5386		1.5(DL+EQ;-X)	Combination	0.0213	0.0024	9.3682	0	0	0
Base	~5386		1.5(DL+EQ;+Y)	Combination	0.106	0.1055	7.0919	0	0	0
Base	~5386		1.5(DL+EQ;-Y)	Combination	0.0165	0.0343	9.8316	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5386		1.5(DL+WL:+X)	Combination	0.0582	0.0676	8.5898	0	0	0
Base	~5386		1.5(DL+WL:-X)	Combination	0.0644	0.0723	8.3337	0	0	0
Base	~5386		1.5(DL+WL:+Y)	Combination	0.0583	0.0622	8.5364	0	0	0
Base	~5386		1.5(DL+WL:-Y)	Combination	0.0643	0.0776	8.387	0	0	0
Base	~5386		1.2(DL+LL+WL:+X)	Combination	0.0521	0.0656	9.1038	0	0	0
Base	~5386		1.2(DL+LL+WL:-X)	Combination	0.0571	0.0693	8.8989	0	0	0
Base	~5386		1.2(DL+LL+WL:+Y)	Combination	0.0523	0.0613	9.0611	0	0	0
Base	~5386		1.2(DL+LL+WL:-Y)	Combination	0.057	0.0736	8.9416	0	0	0
Base	~5386		1.2(DL+LL+EQ:+X)	Combination	0.0866	0.1215	8.2761	0	0	0
Base	~5386		1.2(DL+LL+EQ:-X)	Combination	0.0227	0.0134	9.7265	0	0	0
Base	~5386		1.2(DL+LL+EQ:+Y)	Combination	0.0904	0.0959	7.9054	0	0	0
Base	~5386		1.2(DL+LL+EQ:-Y)	Combination	0.0188	0.039	10.0972	0	0	0
Base	~5386		0.9DL+1.5EQ+X	Combination	0.0767	0.1095	4.1706	0	0	0
Base	~5386		0.9DL+1.5EQ-X	Combination	-0.0032	-0.0256	5.9835	0	0	0
Base	~5386		0.9DL+1.5EQY+	Combination	0.0815	0.0775	3.7072	0	0	0
Base	~5386		0.9DL+1.5EQY-	Combination	-0.008	0.0064	6.4469	0	0	0
Base	~5386		DWals1	Combination	0.0613	0.0699	8.4617	0	0	0
Base	~5386		DWals2	Combination	0.0683	0.0843	11.2517	0	0	0
Base	~5386		DWals3	Combination	0.0521	0.0656	9.1038	0	0	0
Base	~5386		DWals4	Combination	0.0571	0.0693	8.8989	0	0	0
Base	~5386		DWals5	Combination	0.0523	0.0613	9.0611	0	0	0
Base	~5386		DWals6	Combination	0.057	0.0736	8.9416	0	0	0
Base	~5386		DWals7	Combination	0.0582	0.0676	8.5898	0	0	0
Base	~5386		DWals8	Combination	0.0644	0.0723	8.3337	0	0	0
Base	~5386		DWals9	Combination	0.0583	0.0622	8.5364	0	0	0
Base	~5386		DWals10	Combination	0.0643	0.0776	8.387	0	0	0
Base	~5386		DWals11	Combination	0.0337	0.0396	5.2051	0	0	0
Base	~5386		DWals12	Combination	0.0399	0.0443	4.949	0	0	0
Base	~5386		DWals13	Combination	0.0338	0.0343	5.1517	0	0	0
Base	~5386		DWals14	Combination	0.0397	0.0496	5.0023	0	0	0
Base	~5386		DWals15	Combination	0.0866	0.1215	8.2761	0	0	0
Base	~5386		DWals16	Combination	0.0227	0.0134	9.7265	0	0	0
Base	~5386		DWals17	Combination	0.0904	0.0959	7.9054	0	0	0
Base	~5386		DWals18	Combination	0.0188	0.039	10.0972	0	0	0
Base	~5386		DWals19	Combination	0.1013	0.1375	7.5553	0	0	0
Base	~5386		DWals20	Combination	0.0213	0.0024	9.3682	0	0	0
Base	~5386		DWals21	Combination	0.106	0.1055	7.0919	0	0	0
Base	~5386		DWals22	Combination	0.0165	0.0343	9.8316	0	0	0
Base	~5386		DWals23	Combination	0.0767	0.1095	4.1706	0	0	0
Base	~5386		DWals24	Combination	-0.0032	-0.0256	5.9835	0	0	0
Base	~5386		DWals25	Combination	0.0815	0.0775	3.7072	0	0	0
Base	~5386		DWals26	Combination	-0.008	0.0064	6.4469	0	0	0
Base	~5387		Dead	LinStatic	-0.0064	0.0213	5.7282	0	0	0
Base	~5387		Live	LinStatic	0.0122	-0.0087	1.8224	0	0	0
Base	~5387		windx	LinStatic	0.0027	-0.002	-0.091	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5387		windy	LinStatic	-0.0079	0.0061	0.051	0	0	0
Base	~5387		seismic x	LinStatic	0.0457	-0.029	-0.5003	0	0	0
Base	~5387		seismic y	LinStatic	-0.0361	0.024	0.9208	0	0	0
Base	~5387		1.5(DL+LL)	Combination	0.0087	0.019	11.326	0	0	0
Base	~5387		1.5(DL+EQ:+X)	Combination	0.059	-0.0115	7.842	0	0	0
Base	~5387		1.5(DL+EQ:-X)	Combination	-0.0782	0.0754	9.3427	0	0	0
Base	~5387		1.5(DL+EQ:+Y)	Combination	-0.0638	0.068	9.9735	0	0	0
Base	~5387		1.5(DL+EQ:-Y)	Combination	0.0446	-0.004	7.2111	0	0	0
Base	~5387		1.5(DL+WL:+X)	Combination	-0.0055	0.029	8.4559	0	0	0
Base	~5387		1.5(DL+WL:-X)	Combination	-0.0137	0.0349	8.7288	0	0	0
Base	~5387		1.5(DL+WL:+Y)	Combination	-0.0214	0.0411	8.6689	0	0	0
Base	~5387		1.5(DL+WL:-Y)	Combination	0.0022	0.0228	8.5158	0	0	0
Base	~5387		1.2(DL+LL+WL:+X)	Combination	0.0102	0.0128	8.9516	0	0	0
Base	~5387		1.2(DL+LL+WL:-X)	Combination	0.0036	0.0175	9.17	0	0	0
Base	~5387		1.2(DL+LL+WL:+Y)	Combination	-0.0025	0.0225	9.122	0	0	0
Base	~5387		1.2(DL+LL+WL:-Y)	Combination	0.0164	0.0078	8.9995	0	0	0
Base	~5387		1.2(DL+LL+EQ:+X)	Combination	0.0618	-0.0196	8.4605	0	0	0
Base	~5387		1.2(DL+LL+EQ:-X)	Combination	-0.0479	0.0499	9.6611	0	0	0
Base	~5387		1.2(DL+LL+EQ:+Y)	Combination	-0.0364	0.044	10.1657	0	0	0
Base	~5387		1.2(DL+LL+EQ:-Y)	Combination	0.0503	-0.0136	7.9558	0	0	0
Base	~5387		0.9DL+1.5EQ+X	Combination	0.0628	-0.0242	4.405	0	0	0
Base	~5387		0.9DL+1.5EQ-X	Combination	-0.0743	0.0626	5.9058	0	0	0
Base	~5387		0.9DL+1.5EQY+	Combination	-0.06	0.0552	6.5366	0	0	0
Base	~5387		0.9DL+1.5EQY-	Combination	0.0484	-0.0168	3.7742	0	0	0
Base	~5387		DWals1	Combination	-0.0096	0.032	8.5923	0	0	0
Base	~5387		DWals2	Combination	0.0087	0.019	11.326	0	0	0
Base	~5387		DWals3	Combination	0.0102	0.0128	8.9516	0	0	0
Base	~5387		DWals4	Combination	0.0036	0.0175	9.17	0	0	0
Base	~5387		DWals5	Combination	-0.0025	0.0225	9.122	0	0	0
Base	~5387		DWals6	Combination	0.0164	0.0078	8.9995	0	0	0
Base	~5387		DWals7	Combination	-0.0055	0.029	8.4559	0	0	0
Base	~5387		DWals8	Combination	-0.0137	0.0349	8.7288	0	0	0
Base	~5387		DWals9	Combination	-0.0214	0.0411	8.6689	0	0	0
Base	~5387		DWals10	Combination	0.0022	0.0228	8.5158	0	0	0
Base	~5387		DWals11	Combination	-0.0016	0.0162	5.0189	0	0	0
Base	~5387		DWals12	Combination	-0.0099	0.0221	5.2919	0	0	0
Base	~5387		DWals13	Combination	-0.0176	0.0283	5.232	0	0	0
Base	~5387		DWals14	Combination	0.0061	0.01	5.0788	0	0	0
Base	~5387		DWals15	Combination	0.0618	-0.0196	8.4605	0	0	0
Base	~5387		DWals16	Combination	-0.0479	0.0499	9.6611	0	0	0
Base	~5387		DWals17	Combination	-0.0364	0.044	10.1657	0	0	0
Base	~5387		DWals18	Combination	0.0503	-0.0136	7.9558	0	0	0
Base	~5387		DWals19	Combination	0.059	-0.0115	7.842	0	0	0
Base	~5387		DWals20	Combination	-0.0782	0.0754	9.3427	0	0	0
Base	~5387		DWals21	Combination	-0.0638	0.068	9.9735	0	0	0

Table 5.5 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	~5387		DWals22	Combination	0.0446	-0.004	7.2111	0	0	0
Base	~5387		DWals23	Combination	0.0628	-0.0242	4.405	0	0	0
Base	~5387		DWals24	Combination	-0.0743	0.0626	5.9058	0	0	0
Base	~5387		DWals25	Combination	-0.06	0.0552	6.5366	0	0	0
Base	~5387		DWals26	Combination	0.0484	-0.0168	3.7742	0	0	0

5.4 Modal Results

Table 5.6 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.507	1.973	12.399	153.7354
Modal	2	0.479	2.088	13.1222	172.1918
Modal	3	0.352	2.844	17.8666	319.2147
Modal	4	0.182	5.495	34.5277	1192.1636
Modal	5	0.143	6.989	43.9124	1928.2983
Modal	6	0.134	7.444	46.771	2187.5251
Modal	7	0.119	8.392	52.7281	2780.2567
Modal	8	0.106	9.45	59.3755	3525.452
Modal	9	0.095	10.521	66.1053	4369.9098
Modal	10	0.092	10.829	68.0427	4629.8111
Modal	11	0.089	11.292	70.9506	5033.9924
Modal	12	0.087	11.469	72.0601	5192.6612

Table 5.7 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	1	0.507	0.6373	0.0011	0	0.6373	0.0011	0	0.0004	0.3657	0
Modal	2	0.479	0.001	0.6547	0	0.6383	0.6558	0	0.3428	0.0005	0
Modal	3	0.352	0	0	0	0.6383	0.6558	0	0	0	0.6491
Modal	4	0.182	0.0001	0.0954	0	0.6383	0.7512	0	0.1945	0.0005	0
Modal	5	0.143	0.0027	0.0088	0	0.641	0.76	0	3.998E-05	0.0034	0
Modal	6	0.134	0.1488	0.0007	0	0.7898	0.7607	0	0.0004	0.2127	0
Modal	7	0.119	7.294E-07	0.0212	0	0.7898	0.7819	0	0.0248	5.846E-07	0
Modal	8	0.106	0	0	0	0.7898	0.7819	0	0	0	0.1104
Modal	9	0.095	0	0	0	0.7898	0.7819	0	0	0	0.0261
Modal	10	0.092	0.0004	0.0098	0	0.7902	0.7916	0	0.0205	0.0005	0
Modal	11	0.089	0	0	0	0.7902	0.7916	0	0	0	4.431E-05
Modal	12	0.087	0.0087	0.0064	0	0.7989	0.798	0	0.0077	0.009	0

Table 5.7 - Modal Participating Mass Ratios (Part 2 of 2)

SumRX	SumRY	SumRZ
0.0004	0.3657	0
0.3432	0.3663	0
0.3432	0.3663	0.6491
0.5377	0.3668	0.6491

Table 5.7 - Modal Participating Mass Ratios (Part 2 of 2, continued)

SumRX	SumRY	SumRZ
0.5377	0.3701	0.6491
0.5381	0.5829	0.6491
0.5629	0.5829	0.6491
0.5629	0.5829	0.7595
0.5629	0.5829	0.7856
0.5834	0.5833	0.7856
0.5834	0.5833	0.7857
0.5912	0.5924	0.7857

Table 5.8 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	99.81	79.89
Modal	Acceleration	UY	99.73	79.8
Modal	Acceleration	UZ	0	0

Table 5.9 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	0.507	0.999	0.001	0	0
Modal	2	0.479	0.002	0.998	0	0
Modal	3	0.352	0	0	0	1
Modal	4	0.182	0.003	0.997	0	0
Modal	5	0.143	0.53	0.47	0	0
Modal	6	0.134	0.996	0.004	0	0
Modal	7	0.119	0.009	0.991	0	0
Modal	8	0.106	0	0	0	1
Modal	9	0.095	0	0	0	1
Modal	10	0.092	0.017	0.983	0	0
Modal	11	0.089	0	0	0	1
Modal	12	0.087	0.875	0.125	0	0