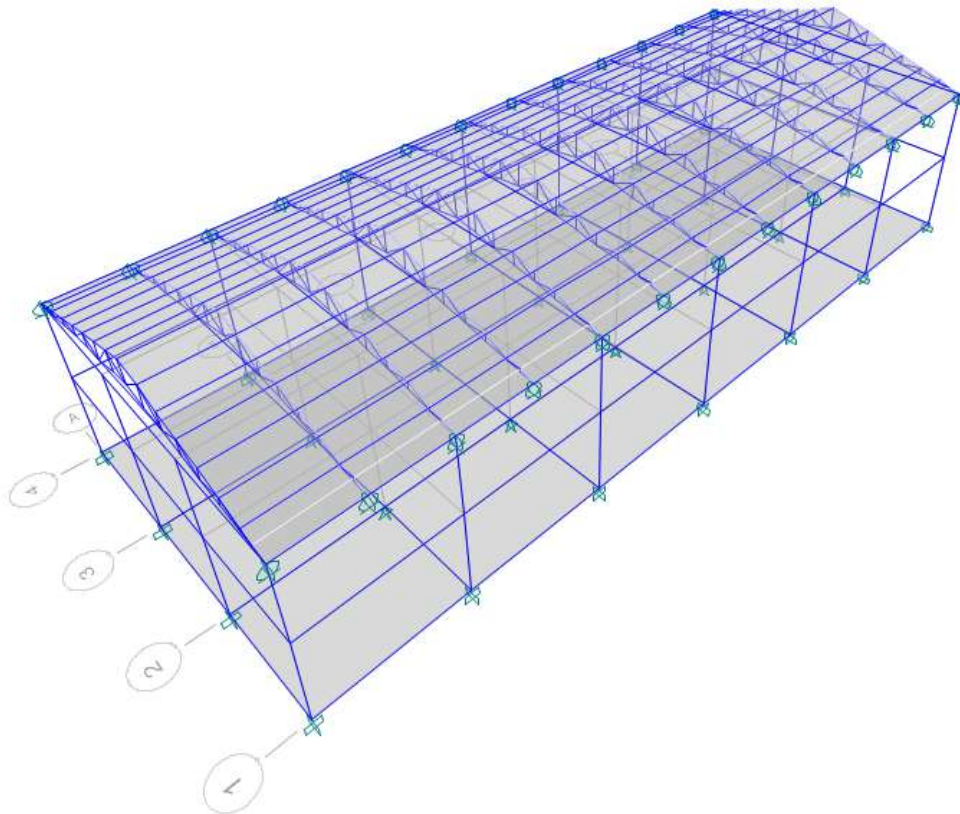


ETABS®



Project Report

Model File: 1500MT WAREHOUSE MODEL,
Revision 0 1/5/2023

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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	Story2	2.8	Yes	None	No	Blue
T1	Story1	3.2	No	Story2	No	Green

1.2 Grid Data

Table 1.2 - Grid Definitions - General

Tower	Name	Type	Ux m	Uy m	Rz deg	Story Range	Bubble Size mm	Color
T1	G1	Cartesian	0	0	0	Default	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	5	End	Yes
G1	X (Cartesian)	C	10	End	Yes
G1	X (Cartesian)	D	15	End	Yes
G1	X (Cartesian)	E	20	End	Yes
G1	X (Cartesian)	F	25	End	Yes
G1	X (Cartesian)	G	30	End	Yes
G1	Y (Cartesian)	1	0	Start	Yes
G1	Y (Cartesian)	2	4	Start	Yes
G1	Y (Cartesian)	3	8	Start	Yes
G1	Y (Cartesian)	4	12	Start	Yes

1.3 Point Coordinates

Table 1.4 - Point Bays

Label	Is Auto Point	X m	Y m	DZBelow m
1	No	0	12	0
2	No	5	12	0
3	No	10	12	0
4	No	15	12	0
5	No	20	12	0
6	No	25	12	0
7	No	0	8	0
8	No	0	4	0
9	No	0	0	0
10	No	5	0	0
11	No	10	0	0
12	No	15	0	0
13	No	20	0	0
14	No	25	0	0

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
15	No	30	0	0
16	No	30	4	0
17	No	30	8	0
18	No	30	12	0
19	No	5	8	0
20	No	5	4	0
21	No	10	8	0
22	No	10	4	0
23	No	15	8	0
24	No	15	4	0
25	No	20	8	0
26	No	25	8	0
27	No	25	4	0
28	No	20	4	0
29	No	2.5	12	0
30	No	7.5	12	0
31	No	0	6	-0.97
32	No	0	6	-1.8
33	No	12.5	12	0
34	No	0	5.16	-0.825
35	No	0	5.16	-1.548
36	No	17.5	12	0
37	No	2.5	6	-1.8
38	No	22.5	12	0
39	No	2.5	5.16	-1.548
40	No	27.5	12	0
41	No	2.5	0	0
42	No	7.5	0	0
43	No	12.5	0	0
44	No	17.5	0	0
45	No	2.5	0.96	-0.288
46	No	2.5	1.8	-0.54
47	No	2.5	2.64	-0.792
48	No	2.5	3.48	-1.044
49	No	2.5	4.32	-1.296
50	No	22.5	0	0
51	No	27.5	0	0
52	No	2.5	6	-0.97
54	No	2.5	0.96	-0.1552
55	No	2.5	1.8	-0.291
56	No	2.5	2.64	-0.4268
57	No	2.5	3.48	-0.5626
58	No	2.5	4.32	-0.6984
59	No	2.5	5.16	-0.8342
60	No	2.5	11.04	-0.1552
61	No	0	0.96	-0.1552
62	No	0	1.8	-0.291
63	No	0	2.64	-0.4268
64	No	0	3.48	-0.5626

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
65	No	0	4.32	-0.6984
66	No	0	0.96	-0.288
67	No	0	1.8	-0.54
68	No	0	2.64	-0.792
69	No	0	3.48	-1.044
70	No	0	4.32	-1.296
71	No	2.5	10.2	-0.291
72	No	2.5	9.36	-0.4268
73	No	2.5	8.52	-0.5626
74	No	2.5	7.68	-0.6984
75	No	2.5	6.84	-0.8342
76	No	2.5	11.4827	-0.0836
77	No	2.5	0.5173	-0.1552
78	No	2.5	0.5173	-0.0836
79	No	5	6	-0.97
81	No	5	0.96	-0.1552
82	No	5	1.8	-0.291
83	No	5	2.64	-0.4268
84	No	5	6	-1.8
85	No	5	3.48	-0.5626
86	No	5	5.16	-1.548
87	No	5	4.32	-0.6984
88	No	5	5.16	-0.8342
89	No	5	11.04	-0.1552
90	No	5	10.2	-0.291
91	No	5	9.36	-0.4268
92	No	5	0.96	-0.288
93	No	5	1.8	-0.54
94	No	5	2.64	-0.792
95	No	5	3.48	-1.044
96	No	5	4.32	-1.296
97	No	5	8.52	-0.5626
98	No	5	7.68	-0.6984
99	No	5	6.84	-0.8342
100	No	5	11.4827	-0.0836
101	No	5	0.5173	-0.1552
102	No	5	0.5173	-0.0836
103	No	7.5	6	-0.97
105	No	7.5	0.96	-0.1552
106	No	7.5	1.8	-0.291
107	No	7.5	2.64	-0.4268
108	No	7.5	3.48	-0.5626
109	No	7.5	4.32	-0.6984
110	No	7.5	5.16	-0.8342
111	No	7.5	11.04	-0.1552
112	No	7.5	6	-1.8
113	No	7.5	10.2	-0.291
114	No	7.5	5.16	-1.548
115	No	7.5	9.36	-0.4268

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
116	No	7.5	8.52	-0.5626
117	No	7.5	7.68	-0.6984
118	No	7.5	6.84	-0.8342
119	No	7.5	11.4827	-0.0836
120	No	7.5	0.96	-0.288
121	No	7.5	1.8	-0.54
122	No	7.5	2.64	-0.792
123	No	7.5	3.48	-1.044
124	No	7.5	4.32	-1.296
125	No	7.5	0.5173	-0.1552
126	No	7.5	0.5173	-0.0836
127	No	10	6	-0.97
129	No	10	0.96	-0.1552
130	No	10	1.8	-0.291
131	No	10	2.64	-0.4268
132	No	10	3.48	-0.5626
133	No	10	4.32	-0.6984
134	No	10	5.16	-0.8342
135	No	10	11.04	-0.1552
136	No	10	10.2	-0.291
137	No	10	9.36	-0.4268
138	No	10	6	-1.8
139	No	10	8.52	-0.5626
140	No	10	5.16	-1.548
141	No	10	7.68	-0.6984
142	No	10	6.84	-0.8342
143	No	10	11.4827	-0.0836
144	No	10	0.5173	-0.1552
145	No	10	0.5173	-0.0836
146	No	10	0.96	-0.288
147	No	10	1.8	-0.54
148	No	10	2.64	-0.792
149	No	10	3.48	-1.044
150	No	10	4.32	-1.296
151	No	12.5	6	-0.97
153	No	12.5	0.96	-0.1552
154	No	12.5	1.8	-0.291
155	No	12.5	2.64	-0.4268
156	No	12.5	3.48	-0.5626
157	No	12.5	4.32	-0.6984
158	No	12.5	5.16	-0.8342
159	No	12.5	11.04	-0.1552
160	No	12.5	10.2	-0.291
161	No	12.5	9.36	-0.4268
162	No	12.5	8.52	-0.5626
163	No	12.5	7.68	-0.6984
164	No	12.5	6.84	-0.8342
165	No	12.5	11.4827	-0.0836
166	No	12.5	6	-1.8

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
167	No	12.5	0.5173	-0.1552
168	No	12.5	5.16	-1.548
169	No	12.5	0.5173	-0.0836
170	No	15	6	-0.97
172	No	15	0.96	-0.1552
173	No	15	1.8	-0.291
174	No	12.5	0.96	-0.288
175	No	12.5	1.8	-0.54
176	No	12.5	2.64	-0.792
177	No	12.5	3.48	-1.044
178	No	12.5	4.32	-1.296
179	No	15	2.64	-0.4268
180	No	15	3.48	-0.5626
181	No	15	4.32	-0.6984
182	No	15	5.16	-0.8342
183	No	15	11.04	-0.1552
184	No	15	10.2	-0.291
185	No	15	9.36	-0.4268
186	No	15	8.52	-0.5626
187	No	15	7.68	-0.6984
188	No	15	6.84	-0.8342
189	No	15	11.4827	-0.0836
190	No	15	0.5173	-0.1552
191	No	15	0.5173	-0.0836
192	No	15	6	-1.8
193	No	17.5	6	-0.97
194	No	15	5.16	-1.548
196	No	17.5	0.96	-0.1552
197	No	17.5	1.8	-0.291
198	No	17.5	2.64	-0.4268
199	No	17.5	3.48	-0.5626
200	No	15	0.96	-0.288
201	No	15	1.8	-0.54
202	No	15	2.64	-0.792
203	No	15	3.48	-1.044
204	No	15	4.32	-1.296
205	No	17.5	4.32	-0.6984
206	No	17.5	5.16	-0.8342
207	No	17.5	11.04	-0.1552
208	No	17.5	10.2	-0.291
209	No	17.5	9.36	-0.4268
210	No	17.5	8.52	-0.5626
211	No	17.5	7.68	-0.6984
212	No	17.5	6.84	-0.8342
213	No	17.5	11.4827	-0.0836
214	No	17.5	0.5173	-0.1552
215	No	17.5	0.5173	-0.0836
216	No	20	6	-0.97
218	No	20	0.96	-0.1552

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
219	No	20	1.8	-0.291
220	No	17.5	6	-1.8
221	No	20	2.64	-0.4268
222	No	17.5	5.16	-1.548
223	No	20	3.48	-0.5626
224	No	20	4.32	-0.6984
225	No	20	5.16	-0.8342
226	No	20	11.04	-0.1552
227	No	20	10.2	-0.291
228	No	17.5	0.96	-0.288
229	No	17.5	1.8	-0.54
230	No	17.5	2.64	-0.792
231	No	17.5	3.48	-1.044
232	No	17.5	4.32	-1.296
233	No	20	9.36	-0.4268
234	No	20	8.52	-0.5626
235	No	20	7.68	-0.6984
236	No	20	6.84	-0.8342
237	No	20	11.4827	-0.0836
238	No	20	0.5173	-0.1552
239	No	20	0.5173	-0.0836
240	No	22.5	6	-0.97
242	No	22.5	0.96	-0.1552
243	No	22.5	1.8	-0.291
244	No	22.5	2.64	-0.4268
245	No	22.5	3.48	-0.5626
246	No	20	6	-1.8
247	No	22.5	4.32	-0.6984
248	No	20	5.16	-1.548
249	No	22.5	5.16	-0.8342
250	No	22.5	11.04	-0.1552
251	No	22.5	10.2	-0.291
252	No	22.5	9.36	-0.4268
253	No	22.5	8.52	-0.5626
254	No	20	0.96	-0.288
255	No	20	1.8	-0.54
256	No	20	2.64	-0.792
257	No	20	3.48	-1.044
258	No	20	4.32	-1.296
259	No	22.5	7.68	-0.6984
260	No	22.5	6.84	-0.8342
261	No	22.5	11.4827	-0.0836
262	No	22.5	0.5173	-0.1552
263	No	22.5	0.5173	-0.0836
264	No	25	6	-0.97
266	No	25	0.96	-0.1552
267	No	25	1.8	-0.291
268	No	25	2.64	-0.4268
269	No	25	3.48	-0.5626

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
270	No	25	4.32	-0.6984
271	No	25	5.16	-0.8342
272	No	25	11.04	-0.1552
273	No	25	10.2	-0.291
274	No	22.5	6	-1.8
275	No	25	9.36	-0.4268
276	No	22.5	5.16	-1.548
277	No	25	8.52	-0.5626
278	No	25	7.68	-0.6984
279	No	25	6.84	-0.8342
280	No	25	11.4827	-0.0836
281	No	25	0.5173	-0.1552
282	No	22.5	0.96	-0.288
283	No	22.5	1.8	-0.54
284	No	22.5	2.64	-0.792
285	No	22.5	3.48	-1.044
286	No	22.5	4.32	-1.296
287	No	25	0.5173	-0.0836
288	No	27.5	6	-0.97
290	No	27.5	0.96	-0.1552
291	No	27.5	1.8	-0.291
292	No	27.5	2.64	-0.4268
293	No	27.5	3.48	-0.5626
294	No	27.5	4.32	-0.6984
295	No	27.5	5.16	-0.8342
296	No	27.5	11.04	-0.1552
297	No	27.5	10.2	-0.291
298	No	27.5	9.36	-0.4268
299	No	27.5	8.52	-0.5626
300	No	25	6	-1.8
301	No	27.5	7.68	-0.6984
302	No	25	5.16	-1.548
303	No	27.5	6.84	-0.8342
304	No	27.5	11.4827	-0.0836
305	No	27.5	0.5173	-0.1552
306	No	27.5	0.5173	-0.0836
307	No	30	6	-0.97
308	No	25	0.96	-0.288
309	No	25	1.8	-0.54
310	No	25	2.64	-0.792
311	No	25	3.48	-1.044
312	No	25	4.32	-1.296
314	No	30	0.96	-0.1552
315	No	30	1.8	-0.291
316	No	30	2.64	-0.4268
317	No	30	3.48	-0.5626
318	No	30	4.32	-0.6984
319	No	30	5.16	-0.8342
320	No	30	11.04	-0.1552

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
321	No	30	10.2	-0.291
322	No	30	9.36	-0.4268
323	No	30	8.52	-0.5626
324	No	30	7.68	-0.6984
325	No	30	6.84	-0.8342
326	No	30	11.4827	-0.0836
327	No	30	0.5173	-0.1552
328	No	27.5	6	-1.8
329	No	30	0.5173	-0.0836
330	No	27.5	5.16	-1.548
336	No	27.5	0.96	-0.288
337	No	27.5	1.8	-0.54
338	No	27.5	2.64	-0.792
339	No	27.5	3.48	-1.044
340	No	27.5	4.32	-1.296
354	No	30	6	-1.8
356	No	30	5.16	-1.548
362	No	30	0.96	-0.288
363	No	30	1.8	-0.54
364	No	30	2.64	-0.792
365	No	30	3.48	-1.044
366	No	30	4.32	-1.296
379	No	0	5.16	-0.8342
425	No	0	11.04	-0.288
426	No	0	10.2	-0.54
427	No	0	9.36	-0.792
428	No	0	8.52	-1.044
429	No	0	7.68	-1.296
430	No	0	6.84	-1.548
431	No	0	11.04	-0.1552
432	No	0	10.2	-0.291
433	No	0	9.36	-0.4268
434	No	0	8.52	-0.5626
435	No	0	7.68	-0.6984
436	No	0	6.84	-0.8342
438	No	0	11.4827	-0.1552
440	No	0	11.4827	-0.0836
442	No	0	0.5173	-0.1552
444	No	0	0.5173	-0.0836
625	No	2.5	11.04	-0.288
626	No	5	11.04	-0.288
627	No	7.5	11.04	-0.288
628	No	10	11.04	-0.288
629	No	12.5	11.04	-0.288
630	No	15	11.04	-0.288
631	No	17.5	11.04	-0.288
632	No	20	11.04	-0.288
633	No	22.5	11.04	-0.288
634	No	25	11.04	-0.288

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
635	No	27.5	11.04	-0.288
636	No	30	11.04	-0.288
637	No	2.5	10.2	-0.54
638	No	5	10.2	-0.54
639	No	7.5	10.2	-0.54
640	No	10	10.2	-0.54
641	No	12.5	10.2	-0.54
642	No	15	10.2	-0.54
643	No	17.5	10.2	-0.54
644	No	20	10.2	-0.54
645	No	22.5	10.2	-0.54
646	No	25	10.2	-0.54
647	No	27.5	10.2	-0.54
648	No	30	10.2	-0.54
649	No	2.5	9.36	-0.792
650	No	5	9.36	-0.792
651	No	7.5	9.36	-0.792
652	No	10	9.36	-0.792
653	No	12.5	9.36	-0.792
654	No	15	9.36	-0.792
655	No	17.5	9.36	-0.792
656	No	20	9.36	-0.792
657	No	22.5	9.36	-0.792
658	No	25	9.36	-0.792
659	No	27.5	9.36	-0.792
660	No	30	9.36	-0.792
661	No	2.5	8.52	-1.044
662	No	5	8.52	-1.044
663	No	7.5	8.52	-1.044
664	No	10	8.52	-1.044
665	No	12.5	8.52	-1.044
666	No	15	8.52	-1.044
667	No	17.5	8.52	-1.044
668	No	20	8.52	-1.044
669	No	22.5	8.52	-1.044
670	No	25	8.52	-1.044
671	No	27.5	8.52	-1.044
672	No	30	8.52	-1.044
673	No	2.5	7.68	-1.296
674	No	5	7.68	-1.296
675	No	7.5	7.68	-1.296
676	No	10	7.68	-1.296
677	No	12.5	7.68	-1.296
678	No	15	7.68	-1.296
679	No	17.5	7.68	-1.296
680	No	20	7.68	-1.296
681	No	22.5	7.68	-1.296
682	No	25	7.68	-1.296
683	No	27.5	7.68	-1.296

Table 1.4 - Point Bays (continued)

Label	Is Auto Point	X m	Y m	DZBelow m
684	No	30	7.68	-1.296
685	No	2.5	6.84	-1.548
686	No	5	6.84	-1.548
687	No	7.5	6.84	-1.548
688	No	10	6.84	-1.548
689	No	12.5	6.84	-1.548
690	No	15	6.84	-1.548
691	No	17.5	6.84	-1.548
692	No	20	6.84	-1.548
693	No	22.5	6.84	-1.548
694	No	25	6.84	-1.548
695	No	27.5	6.84	-1.548
696	No	30	6.84	-1.548
697	No	2.5	11.4827	-0.1552
698	No	5	11.4827	-0.1552
699	No	7.5	11.4827	-0.1552
700	No	10	11.4827	-0.1552
701	No	12.5	11.4827	-0.1552
702	No	15	11.4827	-0.1552
703	No	17.5	11.4827	-0.1552
704	No	20	11.4827	-0.1552
705	No	22.5	11.4827	-0.1552
706	No	25	11.4827	-0.1552
707	No	27.5	11.4827	-0.1552
708	No	30	11.4827	-0.1552

1.4 Line Connectivity

Table 1.5 - 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	18	18	Below
C8	17	17	Below
C9	16	16	Below
C10	15	15	Below
C11	14	14	Below
C12	13	13	Below
C13	12	12	Below
C14	11	11	Below
C15	10	10	Below
C16	9	9	Below
C17	8	8	Below
C18	7	7	Below
C19	52	37	Same

Table 1.5 - Column Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
C20	58	49	Same
C21	31	32	Same
C22	57	48	Same
C23	56	47	Same
C24	55	46	Same
C25	54	45	Same
C26	59	39	Same
C27	75	685	Same
C28	74	673	Same
C29	73	661	Same
C30	72	649	Same
C31	71	637	Same
C32	60	625	Same
C33	76	697	Same
C34	78	77	Same
C35	79	84	Same
C36	87	96	Same
C37	85	95	Same
C38	83	94	Same
C39	82	93	Same
C40	81	92	Same
C41	88	86	Same
C42	99	686	Same
C43	98	674	Same
C44	97	662	Same
C45	91	650	Same
C46	90	638	Same
C47	65	70	Same
C48	89	626	Same
C49	100	698	Same
C50	64	69	Same
C51	102	101	Same
C52	103	112	Same
C53	63	68	Same
C54	109	124	Same
C55	108	123	Same
C56	62	67	Same
C57	107	122	Same
C58	106	121	Same
C59	61	66	Same
C60	105	120	Same
C61	110	114	Same
C62	118	687	Same
C63	117	675	Same
C64	116	663	Same
C65	115	651	Same
C66	113	639	Same
C67	111	627	Same
C68	119	699	Same
C69	126	125	Same

Table 1.5 - Column Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
C70	127	138	Same
C71	133	150	Same
C72	132	149	Same
C73	131	148	Same
C74	130	147	Same
C75	129	146	Same
C76	134	140	Same
C77	142	688	Same
C78	141	676	Same
C79	139	664	Same
C80	137	652	Same
C81	136	640	Same
C82	135	628	Same
C83	143	700	Same
C84	145	144	Same
C85	151	166	Same
C86	157	178	Same
C87	156	177	Same
C88	155	176	Same
C89	154	175	Same
C90	153	174	Same
C91	158	168	Same
C92	164	689	Same
C93	163	677	Same
C94	162	665	Same
C95	161	653	Same
C96	160	641	Same
C97	159	629	Same
C98	165	701	Same
C99	169	167	Same
C100	170	192	Same
C101	181	204	Same
C102	180	203	Same
C103	179	202	Same
C104	173	201	Same
C105	172	200	Same
C106	182	194	Same
C107	188	690	Same
C108	187	678	Same
C109	186	666	Same
C110	185	654	Same
C111	184	642	Same
C112	183	630	Same
C113	189	702	Same
C114	191	190	Same
C115	193	220	Same
C116	205	232	Same
C117	199	231	Same
C118	198	230	Same
C119	197	229	Same

Table 1.5 - Column Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
C120	196	228	Same
C121	206	222	Same
C122	212	691	Same
C123	211	679	Same
C124	436	430	Same
C125	210	667	Same
C126	209	655	Same
C127	208	643	Same
C128	207	631	Same
C129	213	703	Same
C130	215	214	Same
C131	216	246	Same
C132	224	258	Same
C133	223	257	Same
C134	221	256	Same
C135	219	255	Same
C136	218	254	Same
C137	225	248	Same
C138	236	692	Same
C139	235	680	Same
C140	234	668	Same
C141	233	656	Same
C142	227	644	Same
C143	226	632	Same
C144	237	704	Same
C145	239	238	Same
C146	240	274	Same
C147	247	286	Same
C148	245	285	Same
C149	244	284	Same
C150	243	283	Same
C151	242	282	Same
C152	249	276	Same
C153	260	693	Same
C154	259	681	Same
C155	253	669	Same
C156	252	657	Same
C157	251	645	Same
C158	250	633	Same
C159	261	705	Same
C160	263	262	Same
C161	264	300	Same
C162	270	312	Same
C163	435	429	Same
C164	269	311	Same
C165	268	310	Same
C166	267	309	Same
C167	266	308	Same
C168	271	302	Same
C169	279	694	Same

Table 1.5 - Column Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
C170	278	682	Same
C171	277	670	Same
C172	275	658	Same
C173	273	646	Same
C174	272	634	Same
C175	280	706	Same
C176	287	281	Same
C177	288	328	Same
C178	294	340	Same
C179	293	339	Same
C180	292	338	Same
C181	291	337	Same
C182	290	336	Same
C183	295	330	Same
C184	303	695	Same
C185	301	683	Same
C186	299	671	Same
C187	298	659	Same
C188	297	647	Same
C189	379	35	Same
C190	296	635	Same
C191	304	707	Same
C192	306	305	Same
C193	307	354	Same
C194	318	366	Same
C195	317	365	Same
C196	316	364	Same
C197	315	363	Same
C198	314	362	Same
C199	319	356	Same
C200	325	696	Same
C201	434	428	Same
C202	324	684	Same
C203	323	672	Same
C204	433	427	Same
C205	322	660	Same
C206	321	648	Same
C207	432	426	Same
C208	320	636	Same
C209	326	708	Same
C210	431	425	Same
C211	329	327	Same
C212	26	26	Below
C214	440	438	Same
C217	444	442	Same

Table 1.6 - Beam Bays

Label	PointBayI	PointBayJ
B1	1	2
B2	2	3
B3	3	4
B4	4	5
B5	5	6
B6	7	1
B7	8	7
B8	9	8
B9	9	10
B10	10	11
B11	11	12
B12	12	13
B13	13	14
B14	14	15
B15	15	16
B16	16	17
B17	17	18
B18	6	18
B19	19	2
B20	20	19
B21	19	21
B22	10	20
B23	20	22
B24	7	19
B25	8	20
B26	21	23
B27	22	24
B28	23	25
B29	25	26
B30	26	17
B31	27	16
B32	28	27
B33	24	28
B34	25	5
B35	26	6
B36	27	26
B37	28	25
B38	13	28
B39	14	27
B40	23	4
B41	21	3
B42	24	23
B43	22	21
B44	11	22
B45	12	24
B46	1	440
B47	440	431
B48	431	432
B49	432	433
B50	433	434

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B51	434	435
B52	435	436
B53	436	31
B54	9	444
B55	444	61
B56	61	62
B57	62	63
B58	63	64
B59	64	65
B60	65	379
B61	379	31
B62	2	698
B63	698	626
B64	626	638
B65	638	650
B66	650	662
B67	662	674
B68	674	686
B69	686	84
B70	72	637
B72	60	697
B75	63	67
B77	56	46
B78	77	54
B79	91	638
B80	33	701
B81	89	698
B82	701	629
B83	629	641
B84	641	653
B85	83	93
B86	101	81
B87	115	639
B89	111	699
B93	107	121
B94	125	105
B95	137	640
B96	653	665
B97	135	700
B98	665	677
B99	677	689
B100	689	166
B101	131	147
B102	144	129
B103	161	641
B105	159	701
B109	155	175
B110	167	153
B111	185	642
B112	33	165

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B113	183	702
B114	165	159
B115	159	160
B116	160	161
B117	179	201
B118	190	172
B119	209	643
B121	207	703
B125	198	229
B126	214	196
B127	233	644
B128	161	162
B129	226	704
B130	162	163
B131	163	164
B132	164	151
B133	221	255
B134	238	218
B135	252	645
B137	250	705
B141	244	283
B142	262	242
B143	275	646
B144	43	167
B145	272	706
B146	167	174
B147	174	175
B148	175	176
B149	268	309
B150	281	266
B151	298	647
B153	296	707
B157	292	337
B158	305	290
B159	322	648
B160	176	177
B161	320	708
B162	177	178
B163	178	168
B164	168	166
B165	316	363
B166	327	314
B167	1	438
B168	438	425
B169	425	426
B170	426	427
B171	427	428
B172	428	429
B173	429	430
B174	430	32

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B175	9	442
B176	442	66
B177	66	67
B178	67	68
B179	68	69
B180	69	70
B181	70	35
B182	35	32
B183	65	435
B184	58	74
B185	87	98
B186	109	117
B187	133	141
B188	157	163
B189	181	187
B190	205	211
B191	224	235
B192	247	259
B193	270	278
B194	294	301
B195	318	324
B196	2	100
B197	100	89
B198	89	90
B199	90	91
B200	91	97
B201	97	98
B202	98	99
B203	99	79
B204	10	101
B205	101	92
B206	92	93
B207	93	94
B208	94	95
B209	95	96
B210	96	86
B211	86	84
B212	10	102
B213	102	81
B214	81	82
B215	82	83
B216	83	85
B217	85	87
B218	87	88
B219	88	79
B220	3	700
B221	700	628
B222	628	640
B223	640	652
B224	652	664

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B225	664	676
B226	676	688
B227	688	138
B228	3	143
B229	143	135
B230	135	136
B231	136	137
B232	137	139
B233	139	141
B234	141	142
B235	142	127
B236	11	144
B237	144	146
B238	146	147
B239	147	148
B240	148	149
B241	149	150
B242	150	140
B243	140	138
B244	11	145
B245	145	129
B246	129	130
B247	130	131
B248	131	132
B249	132	133
B250	133	134
B251	134	127
B252	4	702
B253	702	630
B254	630	642
B255	642	654
B256	654	666
B257	666	678
B258	678	690
B259	690	192
B260	4	189
B261	189	183
B262	183	184
B263	184	185
B264	185	186
B265	186	187
B266	187	188
B267	188	170
B268	12	190
B269	190	200
B270	200	201
B271	201	202
B272	202	203
B273	203	204
B274	204	194

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B275	194	192
B276	12	191
B277	191	172
B278	172	173
B279	173	179
B280	179	180
B281	180	181
B282	181	182
B283	182	170
B284	5	704
B285	704	632
B286	632	644
B287	644	656
B288	656	668
B289	668	680
B290	680	692
B291	692	246
B292	5	237
B293	237	226
B294	226	227
B295	227	233
B296	233	234
B297	234	235
B298	235	236
B299	236	216
B300	13	238
B301	238	254
B302	254	255
B303	255	256
B304	256	257
B305	257	258
B306	258	248
B307	248	246
B308	13	239
B309	239	218
B310	218	219
B311	219	221
B312	221	223
B313	223	224
B314	224	225
B315	225	216
B316	6	706
B317	706	634
B318	634	646
B319	646	658
B320	658	670
B321	670	682
B322	682	694
B323	694	300
B324	6	280

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B325	280	272
B326	272	273
B327	273	275
B328	275	277
B329	277	278
B330	278	279
B331	279	264
B332	14	281
B333	281	308
B334	308	309
B335	309	310
B336	310	311
B337	311	312
B338	312	302
B339	302	300
B340	14	287
B341	287	266
B342	266	267
B343	267	268
B344	268	269
B345	269	270
B346	270	271
B347	271	264
B348	18	708
B349	708	636
B350	636	648
B351	648	660
B352	660	672
B353	672	684
B354	684	696
B355	696	354
B356	18	326
B357	326	320
B358	320	321
B359	321	322
B360	322	323
B361	323	324
B362	324	325
B363	325	307
B364	15	327
B365	327	362
B366	362	363
B367	363	364
B368	364	365
B369	365	366
B370	366	356
B371	356	354
B372	15	329
B373	329	314
B374	314	315

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B375	315	316
B376	316	317
B377	317	318
B378	318	319
B379	319	307
B380	43	169
B381	169	153
B382	153	154
B383	154	155
B384	155	156
B385	156	157
B386	157	158
B387	158	151
B388	36	703
B389	703	631
B390	631	643
B391	643	655
B392	655	667
B393	667	679
B394	679	691
B395	691	220
B396	36	213
B397	213	207
B398	207	208
B399	208	209
B400	209	210
B401	210	211
B402	211	212
B403	212	193
B404	44	214
B405	214	228
B406	228	229
B407	229	230
B408	230	231
B409	231	232
B410	232	222
B411	222	220
B412	44	215
B413	215	196
B414	196	197
B415	197	198
B416	198	199
B417	199	205
B418	205	206
B419	206	193
B420	38	705
B421	705	633
B422	633	645
B423	645	657
B424	657	669

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B425	669	681
B426	681	693
B427	693	274
B428	38	261
B429	261	250
B430	250	251
B431	251	252
B432	252	253
B433	253	259
B434	259	260
B435	260	240
B436	50	262
B437	262	282
B438	282	283
B439	283	284
B440	284	285
B441	285	286
B442	286	276
B443	276	274
B444	50	263
B445	263	242
B446	242	243
B447	243	244
B448	244	245
B449	245	247
B450	247	249
B451	249	240
B452	40	707
B453	707	635
B454	635	647
B455	647	659
B456	659	671
B457	671	683
B458	683	695
B459	695	328
B460	40	304
B461	304	296
B462	296	297
B463	297	298
B464	298	299
B465	299	301
B466	301	303
B467	303	288
B468	51	305
B469	305	336
B470	336	337
B471	337	338
B472	338	339
B473	339	340
B474	340	330

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B475	330	328
B476	51	306
B477	306	290
B478	290	291
B479	291	292
B480	292	293
B481	293	294
B482	294	295
B483	295	288
B484	29	697
B485	697	625
B486	625	637
B487	637	649
B488	649	661
B489	661	673
B490	673	685
B491	685	37
B492	29	76
B493	76	60
B494	60	71
B495	71	72
B496	72	73
B497	73	74
B498	74	75
B499	75	52
B500	41	77
B501	77	45
B502	45	46
B503	46	47
B504	47	48
B505	48	49
B506	49	39
B507	39	37
B508	41	78
B509	78	54
B510	54	55
B511	55	56
B512	56	57
B513	57	58
B514	58	59
B515	59	52
B516	30	699
B517	699	627
B518	627	639
B519	639	651
B520	651	663
B521	663	675
B522	675	687
B523	687	112
B524	30	119

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B525	119	111
B526	111	113
B527	113	115
B528	115	116
B529	116	117
B530	117	118
B531	118	103
B532	42	125
B533	125	120
B534	120	121
B535	121	122
B536	122	123
B537	123	124
B538	124	114
B539	114	112
B540	42	126
B541	126	105
B542	105	106
B543	106	107
B544	107	108
B545	108	109
B546	109	110
B547	110	103
B573	433	426
B577	431	438
B585	442	61
B668	32	37
B669	37	84
B670	84	112
B671	112	138
B672	138	166
B673	166	192
B674	192	220
B675	220	246
B676	246	274
B677	274	300
B678	300	328
B679	328	354
B680	35	39
B681	39	86
B682	86	114
B683	114	140
B684	140	168
B685	168	194
B686	194	222
B687	222	248
B688	248	276
B689	276	302
B690	302	330
B691	330	356

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B692	66	45
B693	45	92
B694	92	120
B695	120	146
B696	146	174
B697	174	200
B698	200	228
B699	228	254
B700	254	282
B701	282	308
B702	308	336
B703	336	362
B704	67	46
B705	46	93
B706	93	121
B707	121	147
B708	147	175
B709	175	201
B710	201	229
B711	229	255
B712	255	283
B713	283	309
B714	309	337
B715	337	363
B716	68	47
B717	47	94
B718	94	122
B719	122	148
B720	148	176
B721	176	202
B722	202	230
B723	230	256
B724	256	284
B725	284	310
B726	310	338
B727	338	364
B728	69	48
B729	48	95
B730	95	123
B731	123	149
B732	149	177
B733	177	203
B734	203	231
B735	231	257
B736	257	285
B737	285	311
B738	311	339
B739	339	365
B740	70	49
B741	49	96

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B742	96	124
B743	124	150
B744	150	178
B745	178	204
B746	204	232
B747	232	258
B748	258	286
B749	286	312
B750	312	340
B751	340	366
B924	425	625
B925	625	626
B926	626	627
B927	627	628
B928	628	629
B929	629	630
B930	630	631
B931	631	632
B932	632	633
B933	633	634
B934	634	635
B935	635	636
B936	426	637
B937	637	638
B938	638	639
B939	639	640
B940	640	641
B941	641	642
B942	642	643
B943	643	644
B944	644	645
B945	645	646
B946	646	647
B947	647	648
B948	427	649
B949	649	650
B950	650	651
B951	651	652
B952	652	653
B953	653	654
B954	654	655
B955	655	656
B956	656	657
B957	657	658
B958	658	659
B959	659	660
B960	428	661
B961	661	662
B962	662	663
B963	663	664

Table 1.6 - Beam Bays (continued)

Label	PointBayI	PointBayJ
B964	664	665
B965	665	666
B966	666	667
B967	667	668
B968	668	669
B969	669	670
B970	670	671
B971	671	672
B972	429	673
B973	673	674
B974	674	675
B975	675	676
B976	676	677
B977	677	678
B978	678	679
B979	679	680
B980	680	681
B981	681	682
B982	682	683
B983	683	684
B984	430	685
B985	685	686
B986	686	687
B987	687	688
B988	688	689
B989	689	690
B990	690	691
B991	691	692
B992	692	693
B993	693	694
B994	694	695
B995	695	696
B996	438	697
B997	697	698
B998	698	699
B999	699	700
B1000	700	701
B1001	701	702
B1002	702	703
B1003	703	704
B1004	704	705
B1005	705	706
B1006	706	707
B1007	707	708

Table 1.7 - Brace Bays

Label	PointBayI	PointBayJ	IEndStory
D1	31	35	Same
D2	52	685	Same
D3	65	69	Same

Table 1.7 - Brace Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
D4	74	685	Same
D5	74	661	Same
D6	72	661	Same
D7	60	637	Same
D8	52	39	Same
D9	58	39	Same
D10	58	48	Same
D11	56	48	Same
D12	54	46	Same
D13	79	686	Same
D14	98	686	Same
D15	98	662	Same
D16	91	662	Same
D17	89	638	Same
D18	79	86	Same
D19	87	86	Same
D20	87	95	Same
D21	83	95	Same
D22	81	93	Same
D23	103	687	Same
D24	117	687	Same
D25	117	663	Same
D26	115	663	Same
D27	111	639	Same
D28	103	114	Same
D29	109	114	Same
D30	109	123	Same
D31	107	123	Same
D32	105	121	Same
D33	127	688	Same
D34	141	688	Same
D35	141	664	Same
D36	137	664	Same
D37	135	640	Same
D38	127	140	Same
D39	133	140	Same
D40	133	149	Same
D41	131	149	Same
D42	129	147	Same
D43	151	689	Same
D44	163	689	Same
D45	163	665	Same
D46	161	665	Same
D47	159	641	Same
D48	151	168	Same
D49	157	168	Same
D50	157	177	Same
D51	155	177	Same
D52	153	175	Same
D53	170	690	Same

Table 1.7 - Brace Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
D54	187	690	Same
D55	187	666	Same
D56	185	666	Same
D57	183	642	Same
D58	170	194	Same
D59	181	194	Same
D60	181	203	Same
D61	179	203	Same
D62	172	201	Same
D63	193	691	Same
D64	211	691	Same
D65	211	667	Same
D66	209	667	Same
D67	207	643	Same
D68	193	222	Same
D69	205	222	Same
D70	205	231	Same
D71	198	231	Same
D72	196	229	Same
D73	216	692	Same
D74	235	692	Same
D75	235	668	Same
D76	233	668	Same
D77	226	644	Same
D78	216	248	Same
D79	224	248	Same
D80	224	257	Same
D81	221	257	Same
D82	218	255	Same
D83	240	693	Same
D84	259	693	Same
D85	259	669	Same
D86	252	669	Same
D87	250	645	Same
D88	240	276	Same
D89	247	276	Same
D90	247	285	Same
D91	244	285	Same
D92	242	283	Same
D93	264	694	Same
D94	278	694	Same
D95	278	670	Same
D96	31	430	Same
D97	435	430	Same
D98	435	428	Same
D99	433	428	Same
D100	431	426	Same
D101	65	35	Same
D102	63	69	Same
D103	61	67	Same

Table 1.7 - Brace Bays (continued)

Label	PointBayI	PointBayJ	IEndStory
D104	275	670	Same
D105	272	646	Same
D106	264	302	Same
D107	270	302	Same
D108	270	311	Same
D109	268	311	Same
D110	266	309	Same
D111	288	695	Same
D112	301	695	Same
D113	301	671	Same
D114	298	671	Same
D115	296	647	Same
D116	288	330	Same
D117	294	330	Same
D118	294	339	Same
D119	292	339	Same
D120	290	337	Same
D121	307	696	Same
D122	324	696	Same
D123	324	672	Same
D124	322	672	Same
D125	320	648	Same
D126	307	356	Same
D127	318	356	Same
D128	318	365	Same
D129	316	365	Same
D130	314	363	Same

1.5 Area Connectivity

Table 1.8 - Floor Bays

Label	NumPoints	PointNumber	PointBay
F1	4	1	29
F1		2	1
F1		3	438
F1		4	697
F2	4	1	9
F2		2	15
F2		3	18
F2		4	1
F3	4	1	2
F3		2	29
F3		3	697
F3		4	698
F4	4	1	30
F4		2	2
F4		3	698
F4		4	699
F5	4	1	3
F5		2	30

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F5		3	699
F5		4	700
F6	4	1	33
F6		2	3
F6		3	700
F6		4	701
F7	4	1	4
F7		2	33
F7		3	701
F7		4	702
F8	4	1	36
F8		2	4
F8		3	702
F8		4	703
F9	4	1	5
F9		2	36
F9		3	703
F9		4	704
F10	4	1	38
F10		2	5
F10		3	704
F10		4	705
F11	4	1	6
F11		2	38
F11		3	705
F11		4	706
F12	4	1	40
F12		2	6
F12		3	706
F12		4	707
F13	4	1	18
F13		2	40
F13		3	707
F13		4	708
F14	4	1	697
F14		2	438
F14		3	425
F14		4	625
F15	4	1	698
F15		2	697
F15		3	625
F15		4	626
F16	4	1	699
F16		2	698
F16		3	626
F16		4	627
F17	4	1	700
F17		2	699
F17		3	627
F17		4	628

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F18	4	1	701
F18		2	700
F18		3	628
F18		4	629
F19	4	1	702
F19		2	701
F19		3	629
F19		4	630
F20	4	1	703
F20		2	702
F20		3	630
F20		4	631
F21	4	1	704
F21		2	703
F21		3	631
F21		4	632
F22	4	1	705
F22		2	704
F22		3	632
F22		4	633
F23	4	1	706
F23		2	705
F23		3	633
F23		4	634
F24	4	1	707
F24		2	706
F24		3	634
F24		4	635
F25	4	1	708
F25		2	707
F25		3	635
F25		4	636
F26	4	1	625
F26		2	425
F26		3	426
F26		4	637
F27	4	1	626
F27		2	625
F27		3	637
F27		4	638
F28	4	1	627
F28		2	626
F28		3	638
F28		4	639
F29	4	1	628
F29		2	627
F29		3	639
F29		4	640
F30	4	1	629
F30		2	628

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F30		3	640
F30		4	641
F31	4	1	630
F31		2	629
F31		3	641
F31		4	642
F32	4	1	631
F32		2	630
F32		3	642
F32		4	643
F33	4	1	632
F33		2	631
F33		3	643
F33		4	644
F34	4	1	633
F34		2	632
F34		3	644
F34		4	645
F35	4	1	634
F35		2	633
F35		3	645
F35		4	646
F36	4	1	635
F36		2	634
F36		3	646
F36		4	647
F37	4	1	636
F37		2	635
F37		3	647
F37		4	648
F38	4	1	637
F38		2	426
F38		3	427
F38		4	649
F39	4	1	638
F39		2	637
F39		3	649
F39		4	650
F40	4	1	639
F40		2	638
F40		3	650
F40		4	651
F41	4	1	640
F41		2	639
F41		3	651
F41		4	652
F42	4	1	641
F42		2	640
F42		3	652
F42		4	653

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F43	4	1	642
F43		2	641
F43		3	653
F43		4	654
F44	4	1	643
F44		2	642
F44		3	654
F44		4	655
F45	4	1	644
F45		2	643
F45		3	655
F45		4	656
F46	4	1	645
F46		2	644
F46		3	656
F46		4	657
F47	4	1	646
F47		2	645
F47		3	657
F47		4	658
F48	4	1	647
F48		2	646
F48		3	658
F48		4	659
F49	4	1	648
F49		2	647
F49		3	659
F49		4	660
F50	4	1	649
F50		2	427
F50		3	428
F50		4	661
F51	4	1	650
F51		2	649
F51		3	661
F51		4	662
F52	4	1	651
F52		2	650
F52		3	662
F52		4	663
F53	4	1	652
F53		2	651
F53		3	663
F53		4	664
F54	4	1	653
F54		2	652
F54		3	664
F54		4	665
F55	4	1	654
F55		2	653

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F55		3	665
F55		4	666
F56	4	1	655
F56		2	654
F56		3	666
F56		4	667
F57	4	1	656
F57		2	655
F57		3	667
F57		4	668
F58	4	1	657
F58		2	656
F58		3	668
F58		4	669
F59	4	1	658
F59		2	657
F59		3	669
F59		4	670
F60	4	1	659
F60		2	658
F60		3	670
F60		4	671
F61	4	1	660
F61		2	659
F61		3	671
F61		4	672
F62	4	1	661
F62		2	428
F62		3	429
F62		4	673
F63	4	1	662
F63		2	661
F63		3	673
F63		4	674
F64	4	1	663
F64		2	662
F64		3	674
F64		4	675
F65	4	1	664
F65		2	663
F65		3	675
F65		4	676
F66	4	1	665
F66		2	664
F66		3	676
F66		4	677
F67	4	1	666
F67		2	665
F67		3	677
F67		4	678

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F68	4	1	667
F68		2	666
F68		3	678
F68		4	679
F69	4	1	668
F69		2	667
F69		3	679
F69		4	680
F70	4	1	669
F70		2	668
F70		3	680
F70		4	681
F71	4	1	670
F71		2	669
F71		3	681
F71		4	682
F72	4	1	671
F72		2	670
F72		3	682
F72		4	683
F73	4	1	672
F73		2	671
F73		3	683
F73		4	684
F74	4	1	673
F74		2	429
F74		3	430
F74		4	685
F75	4	1	674
F75		2	673
F75		3	685
F75		4	686
F76	4	1	675
F76		2	674
F76		3	686
F76		4	687
F77	4	1	676
F77		2	675
F77		3	687
F77		4	688
F78	4	1	677
F78		2	676
F78		3	688
F78		4	689
F79	4	1	678
F79		2	677
F79		3	689
F79		4	690
F80	4	1	679
F80		2	678

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F80		3	690
F80		4	691
F81	4	1	680
F81		2	679
F81		3	691
F81		4	692
F82	4	1	681
F82		2	680
F82		3	692
F82		4	693
F83	4	1	682
F83		2	681
F83		3	693
F83		4	694
F84	4	1	683
F84		2	682
F84		3	694
F84		4	695
F85	4	1	684
F85		2	683
F85		3	695
F85		4	696
F86	4	1	685
F86		2	430
F86		3	32
F86		4	37
F87	4	1	686
F87		2	685
F87		3	37
F87		4	84
F88	4	1	687
F88		2	686
F88		3	84
F88		4	112
F89	4	1	688
F89		2	687
F89		3	112
F89		4	138
F90	4	1	689
F90		2	688
F90		3	138
F90		4	166
F91	4	1	690
F91		2	689
F91		3	166
F91		4	192
F92	4	1	691
F92		2	690
F92		3	192
F92		4	220

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F93	4	1	692
F93		2	691
F93		3	220
F93		4	246
F94	4	1	693
F94		2	692
F94		3	246
F94		4	274
F95	4	1	694
F95		2	693
F95		3	274
F95		4	300
F96	4	1	695
F96		2	694
F96		3	300
F96		4	328
F97	4	1	696
F97		2	695
F97		3	328
F97		4	354
F98	4	1	41
F98		2	9
F98		3	442
F98		4	77
F99	4	1	10
F99		2	41
F99		3	77
F99		4	101
F100	4	1	42
F100		2	10
F100		3	101
F100		4	125
F101	4	1	11
F101		2	42
F101		3	125
F101		4	144
F102	4	1	43
F102		2	11
F102		3	144
F102		4	167
F103	4	1	12
F103		2	43
F103		3	167
F103		4	190
F104	4	1	44
F104		2	12
F104		3	190
F104		4	214
F105	4	1	13
F105		2	44

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F105		3	214
F105		4	238
F106	4	1	50
F106		2	13
F106		3	238
F106		4	262
F107	4	1	14
F107		2	50
F107		3	262
F107		4	281
F108	4	1	51
F108		2	14
F108		3	281
F108		4	305
F109	4	1	15
F109		2	51
F109		3	305
F109		4	327
F110	4	1	77
F110		2	442
F110		3	66
F110		4	45
F111	4	1	101
F111		2	77
F111		3	45
F111		4	92
F112	4	1	125
F112		2	101
F112		3	92
F112		4	120
F113	4	1	144
F113		2	125
F113		3	120
F113		4	146
F114	4	1	167
F114		2	144
F114		3	146
F114		4	174
F115	4	1	190
F115		2	167
F115		3	174
F115		4	200
F116	4	1	214
F116		2	190
F116		3	200
F116		4	228
F117	4	1	238
F117		2	214
F117		3	228
F117		4	254

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F118	4	1	262
F118		2	238
F118		3	254
F118		4	282
F119	4	1	281
F119		2	262
F119		3	282
F119		4	308
F120	4	1	305
F120		2	281
F120		3	308
F120		4	336
F121	4	1	327
F121		2	305
F121		3	336
F121		4	362
F122	4	1	45
F122		2	66
F122		3	67
F122		4	46
F123	4	1	92
F123		2	45
F123		3	46
F123		4	93
F124	4	1	120
F124		2	92
F124		3	93
F124		4	121
F125	4	1	146
F125		2	120
F125		3	121
F125		4	147
F126	4	1	174
F126		2	146
F126		3	147
F126		4	175
F127	4	1	200
F127		2	174
F127		3	175
F127		4	201
F128	4	1	228
F128		2	200
F128		3	201
F128		4	229
F129	4	1	254
F129		2	228
F129		3	229
F129		4	255
F130	4	1	282
F130		2	254

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F130		3	255
F130		4	283
F131	4	1	308
F131		2	282
F131		3	283
F131		4	309
F132	4	1	336
F132		2	308
F132		3	309
F132		4	337
F133	4	1	362
F133		2	336
F133		3	337
F133		4	363
F134	4	1	46
F134		2	67
F134		3	68
F134		4	47
F135	4	1	93
F135		2	46
F135		3	47
F135		4	94
F136	4	1	121
F136		2	93
F136		3	94
F136		4	122
F137	4	1	147
F137		2	121
F137		3	122
F137		4	148
F138	4	1	175
F138		2	147
F138		3	148
F138		4	176
F139	4	1	201
F139		2	175
F139		3	176
F139		4	202
F140	4	1	229
F140		2	201
F140		3	202
F140		4	230
F141	4	1	255
F141		2	229
F141		3	230
F141		4	256
F142	4	1	283
F142		2	255
F142		3	256
F142		4	284

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F143	4	1	309
F143		2	283
F143		3	284
F143		4	310
F144	4	1	337
F144		2	309
F144		3	310
F144		4	338
F145	4	1	363
F145		2	337
F145		3	338
F145		4	364
F146	4	1	47
F146		2	68
F146		3	69
F146		4	48
F147	4	1	94
F147		2	47
F147		3	48
F147		4	95
F148	4	1	122
F148		2	94
F148		3	95
F148		4	123
F149	4	1	148
F149		2	122
F149		3	123
F149		4	149
F150	4	1	176
F150		2	148
F150		3	149
F150		4	177
F151	4	1	202
F151		2	176
F151		3	177
F151		4	203
F152	4	1	230
F152		2	202
F152		3	203
F152		4	231
F153	4	1	256
F153		2	230
F153		3	231
F153		4	257
F154	4	1	284
F154		2	256
F154		3	257
F154		4	285
F155	4	1	310
F155		2	284

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F155		3	285
F155		4	311
F156	4	1	338
F156		2	310
F156		3	311
F156		4	339
F157	4	1	364
F157		2	338
F157		3	339
F157		4	365
F158	4	1	48
F158		2	69
F158		3	70
F158		4	49
F159	4	1	95
F159		2	48
F159		3	49
F159		4	96
F160	4	1	123
F160		2	95
F160		3	96
F160		4	124
F161	4	1	149
F161		2	123
F161		3	124
F161		4	150
F162	4	1	177
F162		2	149
F162		3	150
F162		4	178
F163	4	1	203
F163		2	177
F163		3	178
F163		4	204
F164	4	1	231
F164		2	203
F164		3	204
F164		4	232
F165	4	1	257
F165		2	231
F165		3	232
F165		4	258
F166	4	1	285
F166		2	257
F166		3	258
F166		4	286
F167	4	1	311
F167		2	285
F167		3	286
F167		4	312

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F168	4	1	339
F168		2	311
F168		3	312
F168		4	340
F169	4	1	365
F169		2	339
F169		3	340
F169		4	366
F170	4	1	49
F170		2	70
F170		3	35
F170		4	39
F171	4	1	96
F171		2	49
F171		3	39
F171		4	86
F172	4	1	124
F172		2	96
F172		3	86
F172		4	114
F173	4	1	150
F173		2	124
F173		3	114
F173		4	140
F174	4	1	178
F174		2	150
F174		3	140
F174		4	168
F175	4	1	204
F175		2	178
F175		3	168
F175		4	194
F176	4	1	232
F176		2	204
F176		3	194
F176		4	222
F177	4	1	258
F177		2	232
F177		3	222
F177		4	248
F178	4	1	286
F178		2	258
F178		3	248
F178		4	276
F179	4	1	312
F179		2	286
F179		3	276
F179		4	302
F180	4	1	340
F180		2	312

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F180		3	302
F180		4	330
F181	4	1	366
F181		2	340
F181		3	330
F181		4	356
F182	4	1	39
F182		2	35
F182		3	32
F182		4	37
F183	4	1	86
F183		2	39
F183		3	37
F183		4	84
F184	4	1	114
F184		2	86
F184		3	84
F184		4	112
F185	4	1	140
F185		2	114
F185		3	112
F185		4	138
F186	4	1	168
F186		2	140
F186		3	138
F186		4	166
F187	4	1	194
F187		2	168
F187		3	166
F187		4	192
F188	4	1	222
F188		2	194
F188		3	192
F188		4	220
F189	4	1	248
F189		2	222
F189		3	220
F189		4	246
F190	4	1	276
F190		2	248
F190		3	246
F190		4	274
F191	4	1	302
F191		2	276
F191		3	274
F191		4	300
F192	4	1	330
F192		2	302
F192		3	300
F192		4	328

Table 1.8 - Floor Bays (continued)

Label	NumPoints	PointNumber	PointBay
F193	4	1	356
F193		2	330
F193		3	328
F193		4	354

1.6 Mass

Table 1.9 - 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?
Msrc1	Yes	Yes	No	Yes	Yes	Yes	No	No

Table 1.10 - Mass Summary by Story

Story	UX kg	UY kg	UZ kg
Story2	85706.13	85706.13	0
Story1	11291.55	11291.55	0
Base	158977.78	158977.78	0

Table 1.11 - Mass Summary by Group

Group	Self Mass kg	Self Weight kN	Mass X kg	Mass Y kg	Mass Z kg
All	254343	0	254343	254343	0

1.7 Groups

Table 1.12 - Group Definitions

Name	Color	Steel Design?	Concrete Design?	Composite Design?
All	Yellow	No	No	No

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	Magenta	
A416Gr270	Tendon	Uniaxial	Grade 270	Gray8Dark	
A615Gr60	Rebar	Uniaxial	Grade 60	Yellow	
A992Fy50	Steel	Isotropic	Grade 50	Red	
C20/25	Concrete	Isotropic	C20/25	Red	
C25/30	Concrete	Isotropic	C25/30	Gray8Dark	
HYSD415	Rebar	Uniaxial	HYSD Grade 415	Blue	
M25	Concrete	Isotropic	M25	Cyan	
Mild250	Rebar	Uniaxial	Mild Grade 250	Green	
S275	Steel	Isotropic	S275	Gray8Dark	

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
BEAM25*30cm	C25/30	Concrete Rectangular	Yellow	750	77515.4	56250	39062.5	625
COLUMN25*25cm	C25/30	Concrete Rectangular	Gray8Dark	625	55013	32552.1	32552.1	520.8
GRADEBEAM30*40cm	C25/30	Concrete Rectangular	Green	1200	194385.1	160000	90000	1000
RHS 30*30,3mm	S275	Steel Tube	Green	3.2	5.9	4	4	1.7
RHS 40*40,3mm	S275	Steel Tube	Yellow	4.4	15.2	10.2	10.2	2.3
RHS 60*40,3mm	S275	Steel Tube	Yellow	5.6	28.4	27.4	14.3	3.5
RHS 70*50,3mm	S275	Steel Tube	Green	11.4	109.9	144.1	47.4	7.6
RHS 80*40,4mm	S275	Steel Tube	Red	9	53.5	71.1	23	6
RHS60*60,3mm	S275	Steel Tube	Gray8Dark	6.8	55.6	37.1	37.1	3.5

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

Name	As3 cm2	S33Pos cm3	S33Neg cm3	S22Pos cm3	S22Neg cm3	Z33 cm3	Z22 cm3	R33 mm	R22 mm	CG Offset 3 mm
BEAM25*30cm	625	3750	3750	3125	3125	5625	4687.5	86.6	72.2	0
COLUMN25*25cm	520.8	2604.2	2604.2	2604.2	2604.2	3906.3	3906.3	72.2	72.2	0
GRADEBEAM30*40cm	1000	8000	8000	6000	6000	12000	9000	115.5	86.6	0
RHS 30*30,3mm	1.7	2.7	2.7	2.7	2.7	3.3	3.3	11.1	11.1	0
RHS 40*40,3mm	2.3	5.1	5.1	5.1	5.1	6.2	6.2	15.2	15.2	0
RHS 60*40,3mm	2.4	9.1	9.1	7.2	7.2	11.2	8.4	22	15.9	0
RHS 70*50,3mm	3.9	28.8	28.8	18.9	18.9	36.1	21.9	35.6	20.4	0
RHS 80*40,4mm	3.1	17.8	17.8	11.5	11.5	22.5	13.6	28.2	16	0
RHS60*60,3mm	3.5	12.4	12.4	12.4	12.4	14.6	14.6	23.3	23.3	0

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

Name	PNA Offset 3 mm	PNA Offset 2 mm	Area Modifier	As2 Modifier	As3 Modifier	J Modifier	I33 Modifier	I22 Modifier	Mass Modifier
BEAM25*30cm	0	0	1	1	1	1	1	1	1
COLUMN25*25cm	0	0	1	1	1	1	1	1	1
GRADEBEAM30*40cm	0	0	1	1	1	0.3	1	0.5	1
RHS 30*30,3mm	0	0	1	1	1	1	1	1	1
RHS 40*40,3mm	0	0	1	1	1	1	1	1	1
RHS 60*40,3mm	0	0	1	1	1	1	1	1	1
RHS 70*50,3mm	0	0	1	1	1	1	1	1	1
RHS 80*40,4mm	0	0	1	1	1	1	1	1	1
RHS60*60,3mm	0	0	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
CIS	Slab	Membrane	4000Psi	50		
Deck1	Deck	Membrane	4000Psi	162.5	A992Fy50	75
I.footing	Slab	Shell-Thick	C25/30	350		
Plank1	Slab	Membrane	4000Psi	200		
Slab100	Slab	Shell-Thick	C20/25	100		
Wall1	Wall	Shell-Thin	4000Psi	250		

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 Spring Properties

Table 2.6 - Spring Property Definitions - Isolated Column Footings

Name	Length mm	Width mm	Thickness mm	Embedment Source	Color	Notes
ColFoot1	1200	1200	350	Program Determined	Green	

2.7 Tendon Sections

Table 2.7 - 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
Story2	1	1	From Area	UZ
Story2	2	2	From Area	UZ
Story2	3	5	From Area	UZ
Story2	4	7	From Area	UZ
Story2	5	9	From Area	UZ
Story2	6	11	From Area	UZ
Story2	7	13	From Area	
Story2	8	15	From Area	
Story2	9	17	From Area	UZ
Story2	10	19	From Area	UZ
Story2	11	21	From Area	UZ
Story2	12	23	From Area	UZ
Story2	13	25	From Area	UZ
Story2	14	27	From Area	UZ
Story2	15	29	From Area	UZ
Story2	16	31	From Area	
Story2	17	33	From Area	
Story2	18	35	From Area	UZ
Story2	31	67	From Area	
Story2	32	68	From Area	
Story2	34	70	From Area	
Story2	35	71	From Area	
Story2	61	97	From Area	
Story2	62	98	From Area	
Story2	63	99	From Area	
Story2	64	100	From Area	
Story2	65	101	From Area	
Story2	66	102	From Area	
Story2	67	103	From Area	
Story2	68	104	From Area	
Story2	69	105	From Area	
Story2	70	106	From Area	
Story2	37	314	From Area	
Story2	39	326	From Area	
Story2	45	338	From Area	
Story2	46	350	From Area	
Story2	47	362	From Area	
Story2	48	374	From Area	
Story2	49	386	From Area	
Story2	84	315	From Area	
Story2	86	327	From Area	
Story2	92	339	From Area	
Story2	93	351	From Area	
Story2	94	363	From Area	
Story2	95	375	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	96	387	From Area	
Story2	112	316	From Area	
Story2	114	328	From Area	
Story2	120	340	From Area	
Story2	121	352	From Area	
Story2	122	364	From Area	
Story2	123	376	From Area	
Story2	124	388	From Area	
Story2	138	317	From Area	
Story2	140	329	From Area	
Story2	146	341	From Area	
Story2	147	353	From Area	
Story2	148	365	From Area	
Story2	149	377	From Area	
Story2	150	389	From Area	
Story2	166	318	From Area	
Story2	168	330	From Area	
Story2	174	342	From Area	
Story2	175	354	From Area	
Story2	176	366	From Area	
Story2	177	378	From Area	
Story2	178	390	From Area	
Story2	192	319	From Area	
Story2	194	331	From Area	
Story2	200	343	From Area	
Story2	201	355	From Area	
Story2	202	367	From Area	
Story2	203	379	From Area	
Story2	204	391	From Area	
Story2	220	320	From Area	
Story2	222	332	From Area	
Story2	228	344	From Area	
Story2	229	356	From Area	
Story2	230	368	From Area	
Story2	231	380	From Area	
Story2	232	392	From Area	
Story2	246	321	From Area	
Story2	248	333	From Area	
Story2	254	345	From Area	
Story2	255	357	From Area	
Story2	256	369	From Area	
Story2	257	381	From Area	
Story2	258	393	From Area	
Story2	274	322	From Area	
Story2	276	334	From Area	
Story2	282	346	From Area	
Story2	283	358	From Area	
Story2	284	370	From Area	
Story2	285	382	From Area	
Story2	286	394	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	300	323	From Area	
Story2	302	335	From Area	
Story2	308	347	From Area	
Story2	309	359	From Area	
Story2	310	371	From Area	
Story2	311	383	From Area	
Story2	312	395	From Area	
Story2	328	324	From Area	
Story2	330	336	From Area	
Story2	336	348	From Area	
Story2	337	360	From Area	
Story2	338	372	From Area	
Story2	339	384	From Area	
Story2	340	396	From Area	
Story2	354	325	From Area	
Story2	356	337	From Area	
Story2	362	349	From Area	
Story2	363	361	From Area	
Story2	364	373	From Area	
Story2	365	385	From Area	
Story2	366	397	From Area	
Story2	379	65	From Area	
Story2	425	114	From Area	
Story2	426	115	From Area	
Story2	427	116	From Area	
Story2	428	117	From Area	
Story2	429	118	From Area	
Story2	430	119	From Area	
Story2	431	120	From Area	
Story2	432	121	From Area	
Story2	433	122	From Area	
Story2	434	123	From Area	
Story2	435	124	From Area	
Story2	436	125	From Area	
Story2	438	127	From Area	
Story2	440	129	From Area	
Story2	442	131	From Area	
Story2	444	133	From Area	
Story2	625	398	From Area	
Story2	626	399	From Area	
Story2	627	400	From Area	
Story2	628	401	From Area	
Story2	629	402	From Area	
Story2	630	403	From Area	
Story2	631	404	From Area	
Story2	632	405	From Area	
Story2	633	406	From Area	
Story2	634	407	From Area	
Story2	635	408	From Area	
Story2	636	409	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	637	410	From Area	
Story2	638	411	From Area	
Story2	639	412	From Area	
Story2	640	413	From Area	
Story2	641	414	From Area	
Story2	642	415	From Area	
Story2	643	416	From Area	
Story2	644	417	From Area	
Story2	645	418	From Area	
Story2	646	419	From Area	
Story2	647	420	From Area	
Story2	648	421	From Area	
Story2	649	422	From Area	
Story2	650	423	From Area	
Story2	651	424	From Area	
Story2	652	425	From Area	
Story2	653	426	From Area	
Story2	654	427	From Area	
Story2	655	428	From Area	
Story2	656	429	From Area	
Story2	657	430	From Area	
Story2	658	431	From Area	
Story2	659	432	From Area	
Story2	660	433	From Area	
Story2	661	434	From Area	
Story2	662	435	From Area	
Story2	663	436	From Area	
Story2	664	437	From Area	
Story2	665	438	From Area	
Story2	666	439	From Area	
Story2	667	440	From Area	
Story2	668	441	From Area	
Story2	669	442	From Area	
Story2	670	443	From Area	
Story2	671	444	From Area	
Story2	672	445	From Area	
Story2	673	446	From Area	
Story2	674	447	From Area	
Story2	675	448	From Area	
Story2	676	449	From Area	
Story2	677	450	From Area	
Story2	678	451	From Area	
Story2	679	452	From Area	
Story2	680	453	From Area	
Story2	681	454	From Area	
Story2	682	455	From Area	
Story2	683	456	From Area	
Story2	684	457	From Area	
Story2	685	458	From Area	
Story2	686	459	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	687	460	From Area	
Story2	688	461	From Area	
Story2	689	462	From Area	
Story2	690	463	From Area	
Story2	691	464	From Area	
Story2	692	465	From Area	
Story2	693	466	From Area	
Story2	694	467	From Area	
Story2	695	468	From Area	
Story2	696	469	From Area	
Story2	697	470	From Area	
Story2	698	471	From Area	
Story2	699	472	From Area	
Story2	700	473	From Area	
Story2	701	474	From Area	
Story2	702	475	From Area	
Story2	703	476	From Area	
Story2	704	477	From Area	
Story2	705	478	From Area	
Story2	706	479	From Area	
Story2	707	480	From Area	
Story2	708	481	From Area	
Story2	29	66	From Area	UZ
Story2	30	69	From Area	UZ
Story2	33	72	From Area	UZ
Story2	36	73	From Area	UZ
Story2	38	74	From Area	UZ
Story2	40	75	From Area	UZ
Story2	41	76	From Area	UZ
Story2	42	77	From Area	UZ
Story2	43	78	From Area	UZ
Story2	44	79	From Area	UZ
Story2	50	80	From Area	UZ
Story2	51	81	From Area	UZ
Story2	52	312	From Area	
Story2	54	313	From Area	
Story2	55	482	From Area	
Story2	56	483	From Area	
Story2	57	484	From Area	
Story2	58	485	From Area	
Story2	59	486	From Area	
Story2	60	487	From Area	
Story2	71	488	From Area	
Story2	72	489	From Area	
Story2	73	490	From Area	
Story2	74	491	From Area	
Story2	75	492	From Area	
Story2	76	493	From Area	
Story2	77	494	From Area	
Story2	78	495	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	79	496	From Area	
Story2	81	497	From Area	
Story2	82	498	From Area	
Story2	83	499	From Area	
Story2	85	500	From Area	
Story2	87	501	From Area	
Story2	88	502	From Area	
Story2	89	503	From Area	
Story2	90	504	From Area	
Story2	91	505	From Area	
Story2	97	506	From Area	
Story2	98	507	From Area	
Story2	99	508	From Area	
Story2	100	509	From Area	
Story2	101	510	From Area	
Story2	102	511	From Area	
Story2	103	512	From Area	
Story2	105	513	From Area	
Story2	106	514	From Area	
Story2	107	515	From Area	
Story2	108	516	From Area	
Story2	109	517	From Area	
Story2	110	518	From Area	
Story2	111	519	From Area	
Story2	113	520	From Area	
Story2	115	521	From Area	
Story2	116	522	From Area	
Story2	117	523	From Area	
Story2	118	524	From Area	
Story2	119	525	From Area	
Story2	125	526	From Area	
Story2	126	527	From Area	
Story2	127	528	From Area	
Story2	129	529	From Area	
Story2	130	530	From Area	
Story2	131	531	From Area	
Story2	132	532	From Area	
Story2	133	533	From Area	
Story2	134	534	From Area	
Story2	135	535	From Area	
Story2	136	536	From Area	
Story2	137	537	From Area	
Story2	139	538	From Area	
Story2	141	539	From Area	
Story2	142	540	From Area	
Story2	143	541	From Area	
Story2	144	542	From Area	
Story2	145	543	From Area	
Story2	151	544	From Area	
Story2	153	545	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	154	546	From Area	
Story2	155	547	From Area	
Story2	156	548	From Area	
Story2	157	549	From Area	
Story2	158	550	From Area	
Story2	159	551	From Area	
Story2	160	552	From Area	
Story2	161	553	From Area	
Story2	162	554	From Area	
Story2	163	555	From Area	
Story2	164	556	From Area	
Story2	165	557	From Area	
Story2	167	558	From Area	
Story2	169	559	From Area	
Story2	170	560	From Area	
Story2	172	561	From Area	
Story2	173	562	From Area	
Story2	179	563	From Area	
Story2	180	564	From Area	
Story2	181	565	From Area	
Story2	182	566	From Area	
Story2	183	567	From Area	
Story2	184	568	From Area	
Story2	185	569	From Area	
Story2	186	570	From Area	
Story2	187	571	From Area	
Story2	188	572	From Area	
Story2	189	573	From Area	
Story2	190	574	From Area	
Story2	191	575	From Area	
Story2	193	576	From Area	
Story2	196	577	From Area	
Story2	197	578	From Area	
Story2	198	579	From Area	
Story2	199	580	From Area	
Story2	205	581	From Area	
Story2	206	582	From Area	
Story2	207	583	From Area	
Story2	208	584	From Area	
Story2	209	585	From Area	
Story2	210	586	From Area	
Story2	211	587	From Area	
Story2	212	588	From Area	
Story2	213	589	From Area	
Story2	214	590	From Area	
Story2	215	591	From Area	
Story2	216	592	From Area	
Story2	218	593	From Area	
Story2	219	594	From Area	
Story2	221	595	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	223	596	From Area	
Story2	224	597	From Area	
Story2	225	598	From Area	
Story2	226	599	From Area	
Story2	227	600	From Area	
Story2	233	601	From Area	
Story2	234	602	From Area	
Story2	235	603	From Area	
Story2	236	604	From Area	
Story2	237	605	From Area	
Story2	238	606	From Area	
Story2	239	607	From Area	
Story2	240	608	From Area	
Story2	242	609	From Area	
Story2	243	610	From Area	
Story2	244	611	From Area	
Story2	245	612	From Area	
Story2	247	613	From Area	
Story2	249	614	From Area	
Story2	250	615	From Area	
Story2	251	616	From Area	
Story2	252	617	From Area	
Story2	253	618	From Area	
Story2	259	619	From Area	
Story2	260	620	From Area	
Story2	261	621	From Area	
Story2	262	622	From Area	
Story2	263	623	From Area	
Story2	264	624	From Area	
Story2	266	625	From Area	
Story2	267	626	From Area	
Story2	268	627	From Area	
Story2	269	628	From Area	
Story2	270	629	From Area	
Story2	271	630	From Area	
Story2	272	631	From Area	
Story2	273	632	From Area	
Story2	275	633	From Area	
Story2	277	634	From Area	
Story2	278	635	From Area	
Story2	279	636	From Area	
Story2	280	637	From Area	
Story2	281	638	From Area	
Story2	287	639	From Area	
Story2	288	640	From Area	
Story2	290	641	From Area	
Story2	291	642	From Area	
Story2	292	643	From Area	
Story2	293	644	From Area	
Story2	294	645	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Story2	295	646	From Area	
Story2	296	647	From Area	
Story2	297	648	From Area	
Story2	298	649	From Area	
Story2	299	650	From Area	
Story2	301	651	From Area	
Story2	303	652	From Area	
Story2	304	653	From Area	
Story2	305	654	From Area	
Story2	306	655	From Area	
Story2	307	656	From Area	
Story2	314	657	From Area	
Story2	315	658	From Area	
Story2	316	659	From Area	
Story2	317	660	From Area	
Story2	318	661	From Area	
Story2	319	662	From Area	
Story2	320	663	From Area	
Story2	321	664	From Area	
Story2	322	665	From Area	
Story2	323	666	From Area	
Story2	324	667	From Area	
Story2	325	668	From Area	
Story2	326	669	From Area	
Story2	327	670	From Area	
Story2	329	671	From Area	
Story1	1	3	From Area	
Story1	2	4	From Area	
Story1	3	6	From Area	
Story1	4	8	From Area	
Story1	5	10	From Area	
Story1	6	12	From Area	
Story1	7	14	From Area	
Story1	8	16	From Area	
Story1	9	18	From Area	
Story1	10	20	From Area	
Story1	11	22	From Area	
Story1	12	24	From Area	
Story1	13	26	From Area	
Story1	14	28	From Area	
Story1	15	30	From Area	
Story1	16	32	From Area	
Story1	17	34	From Area	
Story1	18	36	From Area	
Story1	26	82	From Area	
Base	1	37	From Area	UX; UY; UZ; RX; RY; RZ
Base	2	38	From Area	UX; UY; UZ; RX; RY; RZ
Base	3	40	From Area	UX; UY; UZ; RX; RY; RZ
Base	4	50	From Area	UX; UY; UZ; RX; RY; RZ
Base	5	60	From Area	UX; UY; UZ; RX; RY; RZ

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	UniqueName	Diaphragm	Restraints
Base	6	59	From Area	UX; UY; UZ; RX; RY; RZ
Base	7	39	From Area	UX; UY; UZ; RX; RY; RZ
Base	8	44	From Area	UX; UY; UZ; RX; RY; RZ
Base	9	45	From Area	UX; UY; UZ; RX; RY; RZ
Base	10	46	From Area	UX; UY; UZ; RX; RY; RZ
Base	11	47	From Area	UX; UY; UZ; RX; RY; RZ
Base	12	52	From Area	UX; UY; UZ; RX; RY; RZ
Base	13	53	From Area	UX; UY; UZ; RX; RY; RZ
Base	14	54	From Area	UX; UY; UZ; RX; RY; RZ
Base	15	55	From Area	UX; UY; UZ; RX; RY; RZ
Base	16	56	From Area	UX; UY; UZ; RX; RY; RZ
Base	17	57	From Area	UX; UY; UZ; RX; RY; RZ
Base	18	58	From Area	UX; UY; UZ; RX; RY; RZ
Base	19	41	From Area	UX; UY; UZ
Base	20	42	From Area	UX; UY; UZ
Base	21	43	From Area	UX; UY; UZ
Base	22	48	From Area	UX; UY; UZ
Base	23	49	From Area	UX; UY; UZ
Base	24	51	From Area	UX; UY; UZ
Base	25	61	From Area	UX; UY; UZ
Base	26	62	From Area	UX; UY; UZ
Base	27	63	From Area	UX; UY; UZ
Base	28	64	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
Story2	B1	1	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B2	5	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B3	9	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B4	13	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B5	17	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B6	120	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B7	121	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B8	128	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B9	141	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B10	142	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B11	143	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B12	144	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B13	145	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B14	147	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B15	745	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B16	747	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B17	748	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B18	21	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story2	B75	241	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B668	424	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	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	B669	425	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B670	426	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B671	427	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B672	428	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B673	429	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B674	430	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B675	431	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B676	432	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B677	433	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B678	434	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B679	435	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B680	436	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B681	437	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B682	438	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B683	439	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B684	440	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B685	441	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B686	442	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B687	443	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B688	444	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B689	445	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B690	446	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B691	447	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B692	448	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B693	449	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B694	450	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B695	451	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B696	452	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B697	453	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B698	454	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B699	455	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B700	456	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B701	457	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B702	458	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B703	459	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B704	460	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B705	461	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B706	462	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B707	463	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B708	464	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B709	465	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B710	466	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B711	467	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B712	468	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B713	469	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B714	470	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B715	471	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	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	B716	472	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B717	473	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B718	474	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B719	475	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B720	476	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B721	477	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B722	478	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B723	479	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B724	480	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B725	481	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B726	482	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B727	483	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B728	484	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B729	485	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B730	486	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B731	487	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B732	488	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B733	489	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B734	490	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B735	491	Beam	2.5	RHS 70*50,3mm	RHS 70*50,3mm	0.5	
Story2	B736	492	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B737	493	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B738	494	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B739	495	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B740	496	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B741	497	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B742	498	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B743	499	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B744	500	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B745	501	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B746	502	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B747	503	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B748	504	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B749	505	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B750	506	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B751	507	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B573	213	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B577	218	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B585	243	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B924	508	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B925	509	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B926	510	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B927	511	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B928	512	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B929	513	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B930	514	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B931	515	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	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	B932	516	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B933	517	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B934	518	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B935	519	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B936	520	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B937	521	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B938	522	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B939	523	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B940	524	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B941	525	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B942	526	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B943	527	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B944	528	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B945	529	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B946	530	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B947	531	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B948	532	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B949	533	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B950	534	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B951	535	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B952	536	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B953	537	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B954	538	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B955	539	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B956	540	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B957	541	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B958	542	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B959	543	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B960	544	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B961	545	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B962	546	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B963	547	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B964	548	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B965	549	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B966	550	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B967	551	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B968	552	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B969	553	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B970	554	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B971	555	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B972	556	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B973	557	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B974	558	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B975	559	Beam	2.5	RHS 70*50,3mm	RHS 70*50,3mm	0.5	
Story2	B976	560	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B977	561	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B978	562	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	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	B979	563	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B980	564	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B981	565	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B982	566	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B983	567	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B984	568	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B985	569	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B986	570	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B987	571	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B988	572	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B989	573	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B990	574	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B991	575	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B992	576	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B993	577	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B994	578	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B995	579	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B996	580	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B997	581	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B998	582	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B999	583	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B1000	584	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B1001	585	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B1002	586	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B1003	587	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B1004	588	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B1005	589	Beam	2.5	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B1006	590	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B1007	591	Beam	2.5	RHS 40*40,3mm	RHS 40*40,3mm	0.5	
Story2	B70	741	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B72	744	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B77	754	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B78	756	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B79	774	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B81	777	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B85	787	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B86	789	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B87	807	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B89	810	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B93	820	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B94	822	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B95	840	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B97	843	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B101	853	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B102	855	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B103	873	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B105	876	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	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	B109	886	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B110	888	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B111	906	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B113	909	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B117	919	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B118	921	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B119	939	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B121	942	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B125	952	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B126	954	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B127	972	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B129	975	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B133	985	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B134	987	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B135	1005	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B137	1008	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B141	1018	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B142	1020	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B143	1038	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B145	1041	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B149	1051	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B150	1053	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B151	1071	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B153	1074	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B157	1084	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B158	1086	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B159	1104	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B161	1107	Beam	0.4427	RHS 70*50,3mm	RHS 70*50,3mm	0.5	
Story2	B165	1117	Beam	0.8476	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	B166	1119	Beam	0.4427	RHS 30*30,3mm	RHS 30*30,3mm	0.5	
Story2	B167	1120	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B168	1121	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B169	1122	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B170	1123	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B171	1124	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B172	1125	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B173	1126	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B174	1127	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B175	1128	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B176	1129	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B177	1130	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B178	1131	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B179	1132	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B180	1133	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B181	1134	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B182	1135	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B183	127	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	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	B184	129	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B185	130	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B186	131	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B187	132	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B188	133	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B189	134	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B190	135	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B191	136	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B192	137	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B193	138	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B194	139	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B195	140	Beam	3.36	RHS 60*40,3mm	RHS 60*40,3mm	0.5	
Story2	B46	3	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B47	7	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B48	11	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B49	15	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B50	19	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B51	23	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B52	25	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B53	27	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B54	29	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B55	31	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B56	33	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B57	35	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B58	118	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B59	119	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B60	122	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B61	123	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B62	124	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B63	126	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B64	148	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B65	149	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B66	150	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B67	151	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B68	152	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B69	153	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B196	154	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B197	155	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B198	156	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B199	157	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B200	158	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B201	159	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B202	160	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B203	161	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B204	162	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B205	163	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B206	164	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		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	B207	165	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B208	166	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B209	168	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B210	169	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B211	171	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B212	172	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B213	174	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B214	175	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B215	177	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B216	178	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B217	180	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B218	181	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B219	182	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B220	183	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B221	184	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B222	185	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B223	186	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B224	187	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B225	188	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B226	189	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B227	190	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B228	191	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B229	193	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B230	194	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B231	196	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B232	197	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B233	199	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B234	200	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B235	202	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B236	203	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B237	205	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B238	206	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B239	208	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B240	215	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B241	216	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B242	217	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B243	219	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B244	220	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B245	221	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B246	222	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B247	223	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B248	225	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B249	226	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B250	227	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B251	228	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B252	229	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B253	230	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		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	B254	231	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B255	232	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B256	233	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B257	234	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B258	235	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B259	244	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B260	245	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B261	246	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B262	247	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B263	248	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B264	249	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B265	250	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B266	251	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B267	252	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B268	253	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B269	254	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B270	255	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B271	256	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B272	257	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B273	258	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B274	259	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B275	260	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B276	261	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B277	262	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B278	263	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B279	264	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B280	265	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B281	266	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B282	267	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B283	268	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B284	269	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B285	270	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B286	271	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B287	272	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B288	273	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B289	274	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B290	275	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B291	276	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B292	277	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B293	278	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B294	279	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B295	280	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B296	281	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B297	282	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B298	283	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B299	284	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B300	285	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		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	B301	286	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B302	287	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B303	288	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B304	289	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B305	290	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B306	291	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B307	292	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B308	293	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B309	294	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B310	295	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B311	296	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B312	297	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B313	298	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B314	299	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B315	300	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B316	301	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B317	302	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B318	303	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B319	304	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B320	305	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B321	306	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B322	307	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B323	308	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B324	309	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B325	310	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B326	311	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B327	312	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B328	313	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B329	314	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B330	315	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B331	316	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B332	317	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B333	318	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B334	319	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B335	320	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B336	321	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B337	322	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B338	323	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B339	324	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B340	325	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B341	326	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B342	327	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B343	328	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B344	329	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B345	330	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B346	331	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B347	332	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		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	B348	333	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B349	334	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B350	335	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B351	336	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B352	337	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B353	338	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B354	339	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B355	340	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B356	341	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B357	342	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B358	343	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B359	344	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B360	345	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B361	346	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B362	347	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B363	348	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B364	349	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B365	350	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B366	351	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B367	352	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B368	353	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B369	354	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B370	355	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B371	356	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B372	357	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B373	358	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B374	359	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B375	360	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B376	361	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B377	362	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B378	363	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B379	364	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B80	365	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B82	366	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B83	367	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B84	368	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B96	369	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B98	370	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B99	371	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B100	372	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B112	373	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B114	374	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B115	375	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B116	376	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B128	377	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B130	378	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B131	379	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		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	B132	380	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B144	381	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B146	382	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B147	383	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B148	384	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B160	385	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B162	386	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B163	387	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B164	388	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B380	389	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B381	390	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B382	391	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B383	392	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B384	393	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B385	394	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B386	395	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B387	396	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B388	397	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B389	398	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B390	399	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B391	400	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B392	401	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B393	402	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B394	403	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B395	404	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B396	405	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B397	406	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B398	407	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B399	408	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B400	409	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B401	410	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B402	411	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B403	412	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B404	413	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B405	414	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B406	415	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B407	416	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B408	417	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B409	418	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B410	419	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B411	420	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B412	421	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B413	422	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B414	423	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B415	592	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B416	593	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B417	594	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		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	B418	595	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B419	596	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B420	597	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B421	598	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B422	599	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B423	600	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B424	601	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B425	602	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B426	603	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B427	604	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B428	605	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B429	606	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B430	607	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B431	608	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B432	609	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B433	610	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B434	611	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B435	612	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B436	613	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B437	614	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B438	615	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B439	616	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B440	617	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B441	618	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B442	619	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B443	620	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B444	621	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B445	622	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B446	623	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B447	624	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B448	625	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B449	626	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B450	627	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B451	628	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B452	629	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B453	630	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B454	631	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B455	632	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B456	633	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B457	634	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B458	635	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B459	636	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B460	637	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B461	638	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B462	639	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B463	640	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B464	641	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		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	B465	642	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B466	643	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B467	644	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B468	645	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B469	646	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B470	647	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B471	648	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B472	649	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B473	650	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B474	651	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B475	652	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B476	653	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B477	654	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B478	655	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B479	656	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B480	657	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B481	658	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B482	659	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B483	660	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B484	661	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B485	662	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B486	663	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B487	664	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B488	665	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B489	666	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B490	667	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B491	668	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B492	669	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B493	670	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B494	671	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B495	672	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B496	673	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B497	674	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B498	675	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B499	676	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B500	677	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B501	678	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B502	679	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B503	680	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B504	681	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B505	682	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B506	683	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B507	684	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B508	685	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B509	686	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B510	687	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B511	688	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		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	B512	689	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B513	690	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B514	691	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B515	692	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B516	693	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B517	694	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B518	695	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B519	696	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B520	697	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B521	698	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B522	699	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B523	700	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B524	701	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B525	702	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B526	703	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B527	704	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B528	705	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B529	706	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B530	707	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B531	708	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B532	709	Beam	0.5401	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B533	710	Beam	0.4622	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B534	711	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B535	712	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B536	713	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B537	714	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B538	715	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B539	716	Beam	0.877	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B540	717	Beam	0.5241	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B541	718	Beam	0.4484	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B542	719	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B543	720	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B544	721	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B545	722	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B546	723	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	B547	743	Beam	0.8509	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C1	82	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C2	84	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C3	86	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C4	88	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C5	90	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C6	92	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C7	94	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C8	96	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C9	98	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C10	100	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C11	102	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		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	C12	104	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C13	106	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C14	108	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C15	110	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C16	112	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C17	114	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C18	116	Column	2.8	COLUMN25*25cm	COLUMN25*25cm		3
Story2	C21	125	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C47	167	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C50	170	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C53	173	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C56	176	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C59	179	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C189	146	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C124	192	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C163	195	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C201	198	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C204	201	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C207	204	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C210	207	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C214	224	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C217	236	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C19	724	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C20	725	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C22	726	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C23	727	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C24	728	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C25	729	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C26	730	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C27	731	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C28	732	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C29	733	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C30	734	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C31	735	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C32	736	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C33	746	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C34	749	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C35	757	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C36	758	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C37	759	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C38	760	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C39	761	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C40	762	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C41	763	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C42	764	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C43	765	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C44	766	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		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	C45	767	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C46	768	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C48	769	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C49	779	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C51	782	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C52	790	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C54	791	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C55	792	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C57	793	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C58	794	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C60	795	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C61	796	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C62	797	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C63	798	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C64	799	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C65	800	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C66	801	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C67	802	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C68	812	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C69	815	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C70	823	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C71	824	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C72	825	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C73	826	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C74	827	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C75	828	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C76	829	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C77	830	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C78	831	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C79	832	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C80	833	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C81	834	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C82	835	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C83	845	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C84	848	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C85	856	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C86	857	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C87	858	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C88	859	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C89	860	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C90	861	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C91	862	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C92	863	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C93	864	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C94	865	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C95	866	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C96	867	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		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	C97	868	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C98	878	Column	0.0716	RHS 40*40,3mm	RHS 40*40,3mm		3
Story2	C99	881	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C100	889	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C101	890	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C102	891	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C103	892	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C104	893	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C105	894	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C106	895	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C107	896	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C108	897	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C109	898	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C110	899	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C111	900	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C112	901	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C113	911	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C114	914	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C115	922	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C116	923	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C117	924	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C118	925	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C119	926	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C120	927	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C121	928	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C122	929	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C123	930	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C125	931	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C126	932	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C127	933	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C128	934	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C129	944	Column	0.0716	RHS 40*40,3mm	RHS 40*40,3mm		3
Story2	C130	947	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C131	955	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C132	956	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C133	957	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C134	958	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C135	959	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C136	960	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C137	961	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C138	962	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C139	963	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C140	964	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C141	965	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C142	966	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C143	967	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C144	977	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		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	C145	980	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C146	988	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C147	989	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C148	990	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C149	991	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C150	992	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C151	993	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C152	994	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C153	995	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C154	996	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C155	997	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C156	998	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C157	999	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C158	1000	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C159	1010	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C160	1013	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C161	1021	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C162	1022	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C164	1023	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C165	1024	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C166	1025	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C167	1026	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C168	1027	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C169	1028	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C170	1029	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C171	1030	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C172	1031	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C173	1032	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C174	1033	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C175	1043	Column	0.0716	RHS 40*40,3mm	RHS 40*40,3mm		3
Story2	C176	1046	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C177	1054	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C178	1055	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C179	1056	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C180	1057	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C181	1058	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C182	1059	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C183	1060	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C184	1061	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C185	1062	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C186	1063	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C187	1064	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C188	1065	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C190	1066	Column	0.1328	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C191	1076	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C192	1079	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C193	1087	Column	0.83	RHS 70*50,3mm	RHS 70*50,3mm		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	C194	1088	Column	0.5976	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C195	1089	Column	0.4814	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C196	1090	Column	0.3652	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C197	1091	Column	0.249	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C198	1092	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C199	1093	Column	0.7138	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C200	1094	Column	0.7138	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C202	1095	Column	0.5976	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C203	1096	Column	0.4814	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C205	1097	Column	0.3652	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C206	1098	Column	0.249	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	C208	1099	Column	0.1328	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C209	1109	Column	0.0716	RHS 70*50,3mm	RHS 70*50,3mm		3
Story2	C211	1112	Column	0.0716	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D1	237	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D3	239	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D96	209	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D97	210	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D98	211	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D99	212	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D100	214	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D101	238	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D102	240	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D103	242	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D2	737	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D4	738	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D5	739	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D6	740	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D7	742	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D8	750	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D9	751	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D10	752	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D11	753	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D12	755	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D13	770	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D14	771	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D15	772	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D16	773	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D17	775	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D18	783	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D19	784	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D20	785	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D21	786	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D22	788	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D23	803	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D24	804	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D25	805	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		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	D26	806	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D27	808	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D28	816	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D29	817	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D30	818	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D31	819	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D32	821	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D33	836	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D34	837	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D35	838	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D36	839	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D37	841	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D38	849	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D39	850	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D40	851	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D41	852	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D42	854	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D43	869	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D44	870	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D45	871	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D46	872	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D47	874	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D48	882	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D49	883	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D50	884	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D51	885	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D52	887	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D53	902	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D54	903	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D55	904	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D56	905	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D57	907	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D58	915	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D59	916	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D60	917	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D61	918	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D62	920	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D63	935	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D64	936	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D65	937	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D66	938	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D67	940	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D68	948	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D69	949	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D70	950	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D71	951	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D72	953	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		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	D73	968	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D74	969	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D75	970	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D76	971	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D77	973	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D78	981	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D79	982	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D80	983	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D81	984	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D82	986	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D83	1001	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D84	1002	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D85	1003	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D86	1004	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D87	1006	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D88	1014	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D89	1015	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D90	1016	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D91	1017	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D92	1019	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D93	1034	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D94	1035	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D95	1036	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D104	1037	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D105	1039	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D106	1047	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D107	1048	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D108	1049	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D109	1050	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D110	1052	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D111	1067	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D112	1068	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D113	1069	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D114	1070	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D115	1072	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D116	1080	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D117	1081	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D118	1082	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D119	1083	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D120	1085	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D121	1100	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D122	1101	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D123	1102	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D124	1103	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D125	1105	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D126	1113	Brace	1.0196	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D127	1114	Brace	1.1947	RHS 30*30,3mm	RHS 30*30,3mm		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	D128	1115	Brace	0.9083	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D129	1116	Brace	1.0424	RHS 30*30,3mm	RHS 30*30,3mm		3
Story2	D130	1118	Brace	0.9239	RHS 30*30,3mm	RHS 30*30,3mm		3
Story1	B1	2	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B2	4	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B3	6	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B4	8	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B5	10	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B6	12	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B7	14	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B8	16	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B9	18	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B10	20	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B11	22	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B12	24	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B13	26	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B14	28	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B15	30	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B16	32	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B17	34	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B18	36	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B30	778	Beam	5	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	B35	780	Beam	4	BEAM25*30cm	BEAM25*30cm	0.5	
Story1	C1	83	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C2	85	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C3	87	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C4	89	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C5	91	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C6	93	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C7	95	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C8	97	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C9	99	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C10	101	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C11	103	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C12	105	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C13	107	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C14	109	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C15	111	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C16	113	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C17	115	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C18	117	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Story1	C212	776	Column	3.2	COLUMN25*25cm	COLUMN25*25cm		3
Base	B1	37	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B2	39	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B3	52	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B4	63	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B5	62	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	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
Base	B6	38	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B7	43	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B8	44	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B9	45	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B10	47	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B11	54	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B12	55	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B13	56	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B14	57	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B15	58	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B16	59	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B17	60	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B18	61	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B19	40	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B20	41	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B21	42	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B22	46	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B23	48	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B24	49	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B25	50	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B26	51	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B27	53	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B28	64	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B29	65	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B30	66	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B31	67	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B32	68	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B33	69	Beam	5	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B34	70	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B35	71	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B36	72	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B37	73	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B38	74	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B39	75	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B40	76	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B41	77	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B42	78	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B43	79	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B44	80	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	
Base	B45	81	Beam	4	GRADEBEAM30*40cm	GRADEBEAM30*40cm	0.5	

3.3 Shell Assignments

Table 3.3 - Area Assignments - Summary

Story	Label	UniqueName	Section Property	Property Type
Story2	F1	1	CIS	Slab
Story2	F3	3	CIS	Slab
Story2	F4	4	CIS	Slab
Story2	F5	5	CIS	Slab
Story2	F6	6	CIS	Slab
Story2	F7	7	CIS	Slab
Story2	F8	8	CIS	Slab
Story2	F9	9	CIS	Slab
Story2	F10	10	CIS	Slab
Story2	F11	11	CIS	Slab
Story2	F12	12	CIS	Slab
Story2	F13	13	CIS	Slab
Story2	F14	14	CIS	Slab
Story2	F15	15	CIS	Slab
Story2	F16	16	CIS	Slab
Story2	F17	17	CIS	Slab
Story2	F18	18	CIS	Slab
Story2	F19	19	CIS	Slab
Story2	F20	20	CIS	Slab
Story2	F21	21	CIS	Slab
Story2	F22	22	CIS	Slab
Story2	F23	23	CIS	Slab
Story2	F24	24	CIS	Slab
Story2	F25	25	CIS	Slab
Story2	F26	26	CIS	Slab
Story2	F27	27	CIS	Slab
Story2	F28	28	CIS	Slab
Story2	F29	29	CIS	Slab
Story2	F30	30	CIS	Slab
Story2	F31	31	CIS	Slab
Story2	F32	32	CIS	Slab
Story2	F33	33	CIS	Slab
Story2	F34	34	CIS	Slab
Story2	F35	35	CIS	Slab
Story2	F36	36	CIS	Slab
Story2	F37	37	CIS	Slab
Story2	F38	38	CIS	Slab
Story2	F39	39	CIS	Slab
Story2	F40	40	CIS	Slab
Story2	F41	41	CIS	Slab
Story2	F42	42	CIS	Slab
Story2	F43	43	CIS	Slab
Story2	F44	44	CIS	Slab
Story2	F45	45	CIS	Slab
Story2	F46	46	CIS	Slab
Story2	F47	47	CIS	Slab
Story2	F48	48	CIS	Slab
Story2	F49	49	CIS	Slab
Story2	F50	50	CIS	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story2	F51	51	CIS	Slab
Story2	F52	52	CIS	Slab
Story2	F53	53	CIS	Slab
Story2	F54	54	CIS	Slab
Story2	F55	55	CIS	Slab
Story2	F56	56	CIS	Slab
Story2	F57	57	CIS	Slab
Story2	F58	58	CIS	Slab
Story2	F59	59	CIS	Slab
Story2	F60	60	CIS	Slab
Story2	F61	61	CIS	Slab
Story2	F62	62	CIS	Slab
Story2	F63	63	CIS	Slab
Story2	F64	64	CIS	Slab
Story2	F65	65	CIS	Slab
Story2	F66	66	CIS	Slab
Story2	F67	67	CIS	Slab
Story2	F68	68	CIS	Slab
Story2	F69	69	CIS	Slab
Story2	F70	70	CIS	Slab
Story2	F71	71	CIS	Slab
Story2	F72	72	CIS	Slab
Story2	F73	73	CIS	Slab
Story2	F74	74	CIS	Slab
Story2	F75	75	CIS	Slab
Story2	F76	76	CIS	Slab
Story2	F77	77	CIS	Slab
Story2	F78	78	CIS	Slab
Story2	F79	79	CIS	Slab
Story2	F80	80	CIS	Slab
Story2	F81	81	CIS	Slab
Story2	F82	82	CIS	Slab
Story2	F83	83	CIS	Slab
Story2	F84	84	CIS	Slab
Story2	F85	85	CIS	Slab
Story2	F86	86	CIS	Slab
Story2	F87	87	CIS	Slab
Story2	F88	88	CIS	Slab
Story2	F89	89	CIS	Slab
Story2	F90	90	CIS	Slab
Story2	F91	91	CIS	Slab
Story2	F92	92	CIS	Slab
Story2	F93	93	CIS	Slab
Story2	F94	94	CIS	Slab
Story2	F95	95	CIS	Slab
Story2	F96	96	CIS	Slab
Story2	F97	97	CIS	Slab
Story2	F98	98	CIS	Slab
Story2	F99	99	CIS	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story2	F100	100	CIS	Slab
Story2	F101	101	CIS	Slab
Story2	F102	102	CIS	Slab
Story2	F103	103	CIS	Slab
Story2	F104	104	CIS	Slab
Story2	F105	105	CIS	Slab
Story2	F106	106	CIS	Slab
Story2	F107	107	CIS	Slab
Story2	F108	108	CIS	Slab
Story2	F109	109	CIS	Slab
Story2	F110	110	CIS	Slab
Story2	F111	111	CIS	Slab
Story2	F112	112	CIS	Slab
Story2	F113	113	CIS	Slab
Story2	F114	114	CIS	Slab
Story2	F115	115	CIS	Slab
Story2	F116	116	CIS	Slab
Story2	F117	117	CIS	Slab
Story2	F118	118	CIS	Slab
Story2	F119	119	CIS	Slab
Story2	F120	120	CIS	Slab
Story2	F121	121	CIS	Slab
Story2	F122	122	CIS	Slab
Story2	F123	123	CIS	Slab
Story2	F124	124	CIS	Slab
Story2	F125	125	CIS	Slab
Story2	F126	126	CIS	Slab
Story2	F127	127	CIS	Slab
Story2	F128	128	CIS	Slab
Story2	F129	129	CIS	Slab
Story2	F130	130	CIS	Slab
Story2	F131	131	CIS	Slab
Story2	F132	132	CIS	Slab
Story2	F133	133	CIS	Slab
Story2	F134	134	CIS	Slab
Story2	F135	135	CIS	Slab
Story2	F136	136	CIS	Slab
Story2	F137	137	CIS	Slab
Story2	F138	138	CIS	Slab
Story2	F139	139	CIS	Slab
Story2	F140	140	CIS	Slab
Story2	F141	141	CIS	Slab
Story2	F142	142	CIS	Slab
Story2	F143	143	CIS	Slab
Story2	F144	144	CIS	Slab
Story2	F145	145	CIS	Slab
Story2	F146	146	CIS	Slab
Story2	F147	147	CIS	Slab
Story2	F148	148	CIS	Slab

Table 3.3 - Area Assignments - Summary (continued)

Story	Label	UniqueName	Section Property	Property Type
Story2	F149	149	CIS	Slab
Story2	F150	150	CIS	Slab
Story2	F151	151	CIS	Slab
Story2	F152	152	CIS	Slab
Story2	F153	153	CIS	Slab
Story2	F154	154	CIS	Slab
Story2	F155	155	CIS	Slab
Story2	F156	156	CIS	Slab
Story2	F157	157	CIS	Slab
Story2	F158	158	CIS	Slab
Story2	F159	159	CIS	Slab
Story2	F160	160	CIS	Slab
Story2	F161	161	CIS	Slab
Story2	F162	162	CIS	Slab
Story2	F163	163	CIS	Slab
Story2	F164	164	CIS	Slab
Story2	F165	165	CIS	Slab
Story2	F166	166	CIS	Slab
Story2	F167	167	CIS	Slab
Story2	F168	168	CIS	Slab
Story2	F169	169	CIS	Slab
Story2	F170	170	CIS	Slab
Story2	F171	171	CIS	Slab
Story2	F172	172	CIS	Slab
Story2	F173	173	CIS	Slab
Story2	F174	174	CIS	Slab
Story2	F175	175	CIS	Slab
Story2	F176	176	CIS	Slab
Story2	F177	177	CIS	Slab
Story2	F178	178	CIS	Slab
Story2	F179	179	CIS	Slab
Story2	F180	180	CIS	Slab
Story2	F181	181	CIS	Slab
Story2	F182	182	CIS	Slab
Story2	F183	183	CIS	Slab
Story2	F184	184	CIS	Slab
Story2	F185	185	CIS	Slab
Story2	F186	186	CIS	Slab
Story2	F187	187	CIS	Slab
Story2	F188	188	CIS	Slab
Story2	F189	189	CIS	Slab
Story2	F190	190	CIS	Slab
Story2	F191	191	CIS	Slab
Story2	F192	192	CIS	Slab
Story2	F193	193	CIS	Slab
Base	F2	2	Slab100	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	
EQX	No	Seismic	0	UBC 97
EQX(1/3)	Yes	Seismic	0	UBC 97
EQX(2/3)	Yes	Seismic	0	UBC 97
EQX(3/3)	Yes	Seismic	0	UBC 97
EQY	No	Seismic	0	UBC 97
EQY(1/3)	Yes	Seismic	0	UBC 97
EQY(2/3)	Yes	Seismic	0	UBC 97
EQY(3/3)	Yes	Seismic	0	UBC 97
Live	No	Live	0	
WIND	No	Wind	0	BS 6399-95

4.2 Auto Wind Loading

BS 6399-95 Auto Wind Load Calculation

This calculation presents the automatically generated lateral wind loads for load pattern WIND according to BS 6399-95, as calculated by ETABS.

Exposure Parameters

Exposure From = Shell Objects

Top Story = Story2

Bottom Story = Base

Include Parapet = No

Factors and Coefficients

Size Effect Factor, C_s [BS 2.1.3.4]

$$C_s = 1$$

Dynamic Augmentation Factor, C_e [BS 1.6.1]

$$C_e = 0.25$$

Lateral Loading

Dynamic Pressure, q_s [BS Table 2]

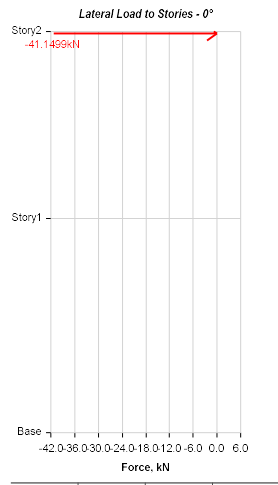
$$q_s = 0.613 V_w^2$$

$$q_s = 551.7$$

Wind Pressure, p [BS Eq. 2.3.1.6(7)]

$$p = 0.85 q_s C_s C_e (1 + C_e)$$

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
Story2	6	0	-41.1499
Story1	3.2	0	0
Base	0	0	0

4.3 Auto Seismic Loading

UBC 97 Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern EQX according to UBC 97, as calculated by ETABS.

Direction and Eccentricity

Direction = Multiple

Eccentricity Ratio = 5% for all diaphragms

Structural Period

Period Calculation Method = Program Calculated

Coefficient, C_1 [UBC 1630.2.2]

$C_1 = 0.035ft$

Structure Height Above Base, h_n

$h_n = 19.69 ft$

Approximate Fundamental Period, T_a [UBC 1630.2.2 Eq. 30-8]

$T_a = C_1 (h)^{0.5}$

$T_a = 0.327 sec$

Program Calculated Period, T [UBC 1630.2.2.2]

$T \leq 1.4 T_a$

Factors and Coefficients

Response Modification Factor, R [UBC Table 16-N]

$R = 8.5$

Importance Factor, I [UBC Table 16-K]

$I = 1$

Seismic Zone Factor, Z [UBC Table 16-I]

$Z = 0.15$

Soil Profile [UBC Table 16-J] = SB

Site Coefficient, C_s [UBC Table 16-Q]

$C_s = 0.15$

Site Coefficient, C_v [UBC Table 16-R]

$C_v = 0.15$

Equivalent Lateral Forces

Base Shear Coefficient [UBC 1630.2.1, Eq. 30-4]

$= \frac{C_s I}{R T}$

maximum [UBC 1630.2.1, Eq. 30-5]

$= \frac{2.5 C_s I}{R} = 0.044118$

minimum [UBC 1630.2.1, Eq. 30-6]

$= 0.11 C_s I = 0.0165$

$min \leq V_{coeff} \leq max$

Calculated Base Shear

Direction	Period Used (sec)	V_{coeff}	W (kN)	V (kN)	F_x (kN)
X	0.439	0.040237	951.2223	38.2747	0
X + Ecc. Y	0.439	0.040237	951.2223	38.2747	0
X - Ecc. Y	0.439	0.040237	951.2223	38.2747	0

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
Story2	6	35,761.8	0
Story1	3.2	2,512.8	0
Base	0	0	0

UBC 97 Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern EQY according to UBC 97, as calculated by ETABS.

Direction and Eccentricity

Direction = Multiple

Eccentricity Ratio = 5% for all diaphragms

Structural Period

Period Calculation Method = Program Calculated

Coefficient, C_t [UBC 1630.2.2]

$$C_t = 0.035ft$$

Structure Height Above Base, h_n

$$h_n = 19.69 \text{ ft}$$

Approximate Fundamental Period, T_a [UBC 1630.2.2 Eq. 30-8]

$$T_a = C_t (h)^{\frac{3}{4}}$$

$$T_a = 0.327 \text{ sec}$$

Program Calculated Period, T [UBC 1630.2.2.2]

$$T \leq 1.4 T_a$$

Factors and Coefficients

Response Modification Factor, R [UBC Table 16-N]

$$R = 8.5$$

Importance Factor, I [UBC Table 16-K]

$$I = 1$$

Seismic Zone Factor, Z [UBC Table 16-I]

$$Z = 0.15$$

Soil Profile [UBC Table 16-J] = SB

Site Coefficient, C_a [UBC Table 16-Q]

$$C_a = 0.15$$

Site Coefficient, C_v [UBC Table 16-R]

$$C_v = 0.15$$

Equivalent Lateral Forces

Base Shear Coefficient [UBC 1630.2.1, Eq. 30-4]

$$= \frac{C_v I}{RT}$$

maximum [UBC 1630.2.1, Eq. 30-5]

$$= \frac{2.5 C_a I}{R} = 0.044118$$

minimum [UBC 1630.2.1, Eq. 30-6]

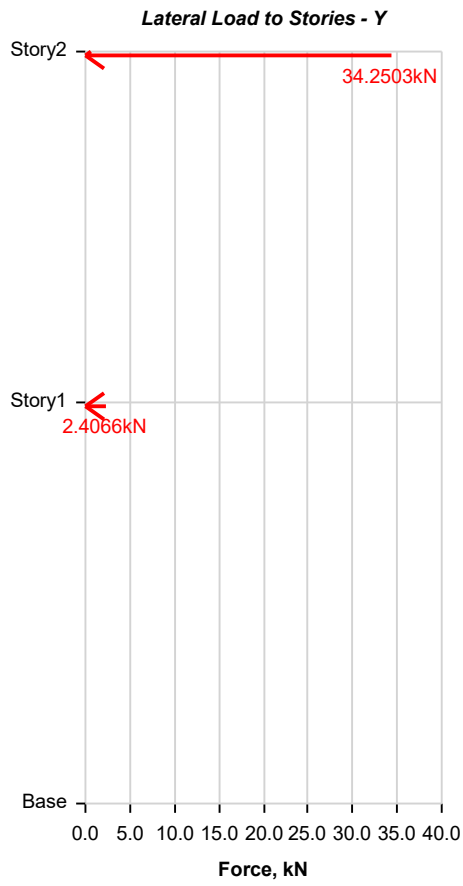
$$= 0.11 C_a I = 0.0165$$

$$min \leq V_{coeff} \leq max$$

Calculated Base Shear

Direction	Period Used (sec)	V_{coeff}	W (kN)	V (kN)	F_t (kN)
Y	0.458	0.038537	951.2223	36.6569	0
Y + Ecc. X	0.458	0.038537	951.2223	36.6569	0
Y - Ecc. X	0.458	0.038537	951.2223	36.6569	0

Applied Story Forces



Story	Elevation m	X-Dir kN	Y-Dir kN
Story2	6	0	34.2503
Story1	3.2	0	2.4066
Base	0	0	0

4.4 Applied Loads

4.4.1 Line Loads

Table 4.5 - Frame Loads Assignments - Distributed (Part 1 of 2)

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
1	Dead	Story2	B1	Force	Gravity	Relative	0	1	0
5	Dead	Story2	B2	Force	Gravity	Relative	0	1	0
9	Dead	Story2	B3	Force	Gravity	Relative	0	1	0
13	Dead	Story2	B4	Force	Gravity	Relative	0	1	0
17	Dead	Story2	B5	Force	Gravity	Relative	0	1	0
120	Dead	Story2	B6	Force	Gravity	Relative	0	1	0
121	Dead	Story2	B7	Force	Gravity	Relative	0	1	0
128	Dead	Story2	B8	Force	Gravity	Relative	0	1	0
141	Dead	Story2	B9	Force	Gravity	Relative	0	1	0
142	Dead	Story2	B10	Force	Gravity	Relative	0	1	0
143	Dead	Story2	B11	Force	Gravity	Relative	0	1	0
144	Dead	Story2	B12	Force	Gravity	Relative	0	1	0
145	Dead	Story2	B13	Force	Gravity	Relative	0	1	0
147	Dead	Story2	B14	Force	Gravity	Relative	0	1	0
745	Dead	Story2	B15	Force	Gravity	Relative	0	1	0
747	Dead	Story2	B16	Force	Gravity	Relative	0	1	0
748	Dead	Story2	B17	Force	Gravity	Relative	0	1	0
21	Dead	Story2	B18	Force	Gravity	Relative	0	1	0
2	Dead	Story1	B1	Force	Gravity	Relative	0	1	0
2	Dead	Story1	B1	Force	Gravity	Relative	0	1	0
4	Dead	Story1	B2	Force	Gravity	Relative	0	1	0
4	Dead	Story1	B2	Force	Gravity	Relative	0	1	0
6	Dead	Story1	B3	Force	Gravity	Relative	0	1	0
6	Dead	Story1	B3	Force	Gravity	Relative	0	1	0
8	Dead	Story1	B4	Force	Gravity	Relative	0	1	0
8	Dead	Story1	B4	Force	Gravity	Relative	0	1	0
10	Dead	Story1	B5	Force	Gravity	Relative	0	1	0
10	Dead	Story1	B5	Force	Gravity	Relative	0	1	0
12	Dead	Story1	B6	Force	Gravity	Relative	0	1	0
12	Dead	Story1	B6	Force	Gravity	Relative	0	1	0
14	Dead	Story1	B7	Force	Gravity	Relative	0	1	0
14	Dead	Story1	B7	Force	Gravity	Relative	0	1	0
16	Dead	Story1	B8	Force	Gravity	Relative	0	1	0
16	Dead	Story1	B8	Force	Gravity	Relative	0	1	0
18	Dead	Story1	B9	Force	Gravity	Relative	0	1	0
18	Dead	Story1	B9	Force	Gravity	Relative	0	1	0
20	Dead	Story1	B10	Force	Gravity	Relative	0	1	0
20	Dead	Story1	B10	Force	Gravity	Relative	0	1	0
22	Dead	Story1	B11	Force	Gravity	Relative	0	1	0
22	Dead	Story1	B11	Force	Gravity	Relative	0	1	0
24	Dead	Story1	B12	Force	Gravity	Relative	0	1	0
24	Dead	Story1	B12	Force	Gravity	Relative	0	1	0
26	Dead	Story1	B13	Force	Gravity	Relative	0	1	0
26	Dead	Story1	B13	Force	Gravity	Relative	0	1	0
28	Dead	Story1	B14	Force	Gravity	Relative	0	1	0

Table 4.5 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
28	Dead	Story1	B14	Force	Gravity	Relative	0	1	0
30	Dead	Story1	B15	Force	Gravity	Relative	0	1	0
30	Dead	Story1	B15	Force	Gravity	Relative	0	1	0
32	Dead	Story1	B16	Force	Gravity	Relative	0	1	0
32	Dead	Story1	B16	Force	Gravity	Relative	0	1	0
34	Dead	Story1	B17	Force	Gravity	Relative	0	1	0
34	Dead	Story1	B17	Force	Gravity	Relative	0	1	0
36	Dead	Story1	B18	Force	Gravity	Relative	0	1	0
36	Dead	Story1	B18	Force	Gravity	Relative	0	1	0
778	Dead	Story1	B30	Force	Gravity	Relative	0	1	0
780	Dead	Story1	B35	Force	Gravity	Relative	0	1	0
37	Dead	Base	B1	Force	Gravity	Relative	0	1	0
39	Dead	Base	B2	Force	Gravity	Relative	0	1	0
52	Dead	Base	B3	Force	Gravity	Relative	0	1	0
63	Dead	Base	B4	Force	Gravity	Relative	0	1	0
62	Dead	Base	B5	Force	Gravity	Relative	0	1	0
38	Dead	Base	B6	Force	Gravity	Relative	0	1	0
43	Dead	Base	B7	Force	Gravity	Relative	0	1	0
44	Dead	Base	B8	Force	Gravity	Relative	0	1	0
45	Dead	Base	B9	Force	Gravity	Relative	0	1	0
47	Dead	Base	B10	Force	Gravity	Relative	0	1	0
54	Dead	Base	B11	Force	Gravity	Relative	0	1	0
55	Dead	Base	B12	Force	Gravity	Relative	0	1	0
56	Dead	Base	B13	Force	Gravity	Relative	0	1	0
57	Dead	Base	B14	Force	Gravity	Relative	0	1	0
58	Dead	Base	B15	Force	Gravity	Relative	0	1	0
59	Dead	Base	B16	Force	Gravity	Relative	0	1	0
60	Dead	Base	B17	Force	Gravity	Relative	0	1	0
61	Dead	Base	B18	Force	Gravity	Relative	0	1	0
40	Dead	Base	B19	Force	Gravity	Relative	0	1	0
41	Dead	Base	B20	Force	Gravity	Relative	0	1	0
42	Dead	Base	B21	Force	Gravity	Relative	0	1	0
46	Dead	Base	B22	Force	Gravity	Relative	0	1	0
48	Dead	Base	B23	Force	Gravity	Relative	0	1	0
49	Dead	Base	B24	Force	Gravity	Relative	0	1	0
50	Dead	Base	B25	Force	Gravity	Relative	0	1	0
51	Dead	Base	B26	Force	Gravity	Relative	0	1	0
53	Dead	Base	B27	Force	Gravity	Relative	0	1	0
64	Dead	Base	B28	Force	Gravity	Relative	0	1	0
65	Dead	Base	B29	Force	Gravity	Relative	0	1	0
66	Dead	Base	B30	Force	Gravity	Relative	0	1	0
67	Dead	Base	B31	Force	Gravity	Relative	0	1	0
68	Dead	Base	B32	Force	Gravity	Relative	0	1	0
69	Dead	Base	B33	Force	Gravity	Relative	0	1	0
70	Dead	Base	B34	Force	Gravity	Relative	0	1	0
71	Dead	Base	B35	Force	Gravity	Relative	0	1	0
72	Dead	Base	B36	Force	Gravity	Relative	0	1	0

Table 4.5 - Frame Loads Assignments - Distributed (Part 1 of 2, continued)

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
73	Dead	Base	B37	Force	Gravity	Relative	0	1	0
74	Dead	Base	B38	Force	Gravity	Relative	0	1	0
75	Dead	Base	B39	Force	Gravity	Relative	0	1	0
76	Dead	Base	B40	Force	Gravity	Relative	0	1	0
77	Dead	Base	B41	Force	Gravity	Relative	0	1	0
78	Dead	Base	B42	Force	Gravity	Relative	0	1	0
79	Dead	Base	B43	Force	Gravity	Relative	0	1	0
80	Dead	Base	B44	Force	Gravity	Relative	0	1	0
81	Dead	Base	B45	Force	Gravity	Relative	0	1	0

Table 4.5 - Frame Loads Assignments - Distributed (Part 2 of 2)

UniqueName	Load Pattern	Absolute Distance B m	Force A kN/m	Force B kN/m
1	Dead	5	1.875	1.875
5	Dead	5	1.875	1.875
9	Dead	5	1.875	1.875
13	Dead	5	1.875	1.875
17	Dead	5	1.875	1.875
120	Dead	4	8.125	8.125
121	Dead	4	8.125	8.125
128	Dead	4	8.125	8.125
141	Dead	5	1.875	1.875
142	Dead	5	1.875	1.875
143	Dead	5	1.875	1.875
144	Dead	5	1.875	1.875
145	Dead	5	1.875	1.875
147	Dead	5	1.875	1.875
745	Dead	4	8.125	8.125
747	Dead	4	8.125	8.125
748	Dead	4	8.125	8.125
21	Dead	5	1.875	1.875
2	Dead	5	13.3	13.3
2	Dead	5	1.875	1.875
4	Dead	5	13.3	13.3
4	Dead	5	1.875	1.875
6	Dead	5	13.3	13.3
6	Dead	5	1.875	1.875
8	Dead	5	13.3	13.3
8	Dead	5	1.875	1.875
10	Dead	5	13.3	13.3
10	Dead	5	1.875	1.875
12	Dead	4	13.3	13.3
12	Dead	4	1.875	1.875
14	Dead	4	13.3	13.3
14	Dead	4	1.875	1.875
16	Dead	4	13.3	13.3

Table 4.5 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

UniqueName	Load Pattern	Absolute Distance B m	Force A kN/m	Force B kN/m
16	Dead	4	1.875	1.875
18	Dead	5	13.3	13.3
18	Dead	5	1.875	1.875
20	Dead	5	13.3	13.3
20	Dead	5	1.875	1.875
22	Dead	5	13.3	13.3
22	Dead	5	1.875	1.875
24	Dead	5	13.3	13.3
24	Dead	5	1.875	1.875
26	Dead	5	13.3	13.3
26	Dead	5	1.875	1.875
28	Dead	5	13.3	13.3
28	Dead	5	1.875	1.875
30	Dead	4	13.3	13.3
30	Dead	4	1.875	1.875
32	Dead	4	13.3	13.3
32	Dead	4	1.875	1.875
34	Dead	4	13.3	13.3
34	Dead	4	1.875	1.875
36	Dead	5	13.3	13.3
36	Dead	5	1.875	1.875
778	Dead	5	1.875	1.875
780	Dead	4	1.875	1.875
37	Dead	5	1.875	1.875
39	Dead	5	1.875	1.875
52	Dead	5	1.875	1.875
63	Dead	5	1.875	1.875
62	Dead	5	1.875	1.875
38	Dead	4	1.875	1.875
43	Dead	4	1.875	1.875
44	Dead	4	1.875	1.875
45	Dead	5	1.875	1.875
47	Dead	5	1.875	1.875
54	Dead	5	1.875	1.875
55	Dead	5	1.875	1.875
56	Dead	5	1.875	1.875
57	Dead	5	1.875	1.875
58	Dead	4	1.875	1.875
59	Dead	4	1.875	1.875
60	Dead	4	1.875	1.875
61	Dead	5	1.875	1.875
40	Dead	4	1.875	1.875
41	Dead	4	1.875	1.875
42	Dead	5	1.875	1.875
46	Dead	4	1.875	1.875
48	Dead	5	1.875	1.875
49	Dead	5	1.875	1.875

Table 4.5 - Frame Loads Assignments - Distributed (Part 2 of 2, continued)

UniqueName	Load Pattern	Absolute Distance B m	Force A kN/m	Force B kN/m
50	Dead	5	1.875	1.875
51	Dead	5	1.875	1.875
53	Dead	5	1.875	1.875
64	Dead	5	1.875	1.875
65	Dead	5	1.875	1.875
66	Dead	5	1.875	1.875
67	Dead	5	1.875	1.875
68	Dead	5	1.875	1.875
69	Dead	5	1.875	1.875
70	Dead	4	1.875	1.875
71	Dead	4	1.875	1.875
72	Dead	4	1.875	1.875
73	Dead	4	1.875	1.875
74	Dead	4	1.875	1.875
75	Dead	4	1.875	1.875
76	Dead	4	1.875	1.875
77	Dead	4	1.875	1.875
78	Dead	4	1.875	1.875
79	Dead	4	1.875	1.875
80	Dead	4	1.875	1.875
81	Dead	4	1.875	1.875

4.4.2 Area Loads

Table 4.6 - Area Load Assignments - Uniform

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F1	1	Dead	Gravity	0.043
Story2	F3	3	Dead	Gravity	0.043
Story2	F4	4	Dead	Gravity	0.043
Story2	F5	5	Dead	Gravity	0.043
Story2	F6	6	Dead	Gravity	0.043
Story2	F7	7	Dead	Gravity	0.043
Story2	F8	8	Dead	Gravity	0.043
Story2	F9	9	Dead	Gravity	0.043
Story2	F10	10	Dead	Gravity	0.043
Story2	F11	11	Dead	Gravity	0.043
Story2	F12	12	Dead	Gravity	0.043
Story2	F13	13	Dead	Gravity	0.043
Story2	F14	14	Dead	Gravity	0.043
Story2	F15	15	Dead	Gravity	0.043
Story2	F16	16	Dead	Gravity	0.043
Story2	F17	17	Dead	Gravity	0.043
Story2	F18	18	Dead	Gravity	0.043
Story2	F19	19	Dead	Gravity	0.043
Story2	F20	20	Dead	Gravity	0.043
Story2	F21	21	Dead	Gravity	0.043
Story2	F22	22	Dead	Gravity	0.043

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F23	23	Dead	Gravity	0.043
Story2	F24	24	Dead	Gravity	0.043
Story2	F25	25	Dead	Gravity	0.043
Story2	F26	26	Dead	Gravity	0.043
Story2	F27	27	Dead	Gravity	0.043
Story2	F28	28	Dead	Gravity	0.043
Story2	F29	29	Dead	Gravity	0.043
Story2	F30	30	Dead	Gravity	0.043
Story2	F31	31	Dead	Gravity	0.043
Story2	F32	32	Dead	Gravity	0.043
Story2	F33	33	Dead	Gravity	0.043
Story2	F34	34	Dead	Gravity	0.043
Story2	F35	35	Dead	Gravity	0.043
Story2	F36	36	Dead	Gravity	0.043
Story2	F37	37	Dead	Gravity	0.043
Story2	F38	38	Dead	Gravity	0.043
Story2	F39	39	Dead	Gravity	0.043
Story2	F40	40	Dead	Gravity	0.043
Story2	F41	41	Dead	Gravity	0.043
Story2	F42	42	Dead	Gravity	0.043
Story2	F43	43	Dead	Gravity	0.043
Story2	F44	44	Dead	Gravity	0.043
Story2	F45	45	Dead	Gravity	0.043
Story2	F46	46	Dead	Gravity	0.043
Story2	F47	47	Dead	Gravity	0.043
Story2	F48	48	Dead	Gravity	0.043
Story2	F49	49	Dead	Gravity	0.043
Story2	F50	50	Dead	Gravity	0.043
Story2	F51	51	Dead	Gravity	0.043
Story2	F52	52	Dead	Gravity	0.043
Story2	F53	53	Dead	Gravity	0.043
Story2	F54	54	Dead	Gravity	0.043
Story2	F55	55	Dead	Gravity	0.043
Story2	F56	56	Dead	Gravity	0.043
Story2	F57	57	Dead	Gravity	0.043
Story2	F58	58	Dead	Gravity	0.043
Story2	F59	59	Dead	Gravity	0.043
Story2	F60	60	Dead	Gravity	0.043
Story2	F61	61	Dead	Gravity	0.043
Story2	F62	62	Dead	Gravity	0.043
Story2	F63	63	Dead	Gravity	0.043
Story2	F64	64	Dead	Gravity	0.043
Story2	F65	65	Dead	Gravity	0.043
Story2	F66	66	Dead	Gravity	0.043
Story2	F67	67	Dead	Gravity	0.043
Story2	F68	68	Dead	Gravity	0.043
Story2	F69	69	Dead	Gravity	0.043
Story2	F70	70	Dead	Gravity	0.043
Story2	F71	71	Dead	Gravity	0.043

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F72	72	Dead	Gravity	0.043
Story2	F73	73	Dead	Gravity	0.043
Story2	F74	74	Dead	Gravity	0.043
Story2	F75	75	Dead	Gravity	0.043
Story2	F76	76	Dead	Gravity	0.043
Story2	F77	77	Dead	Gravity	0.043
Story2	F78	78	Dead	Gravity	0.043
Story2	F79	79	Dead	Gravity	0.043
Story2	F80	80	Dead	Gravity	0.043
Story2	F81	81	Dead	Gravity	0.043
Story2	F82	82	Dead	Gravity	0.043
Story2	F83	83	Dead	Gravity	0.043
Story2	F84	84	Dead	Gravity	0.043
Story2	F85	85	Dead	Gravity	0.043
Story2	F86	86	Dead	Gravity	0.043
Story2	F87	87	Dead	Gravity	0.043
Story2	F88	88	Dead	Gravity	0.043
Story2	F89	89	Dead	Gravity	0.043
Story2	F90	90	Dead	Gravity	0.043
Story2	F91	91	Dead	Gravity	0.043
Story2	F92	92	Dead	Gravity	0.043
Story2	F93	93	Dead	Gravity	0.043
Story2	F94	94	Dead	Gravity	0.043
Story2	F95	95	Dead	Gravity	0.043
Story2	F96	96	Dead	Gravity	0.043
Story2	F97	97	Dead	Gravity	0.043
Story2	F98	98	Dead	Gravity	0.043
Story2	F99	99	Dead	Gravity	0.043
Story2	F100	100	Dead	Gravity	0.043
Story2	F101	101	Dead	Gravity	0.043
Story2	F102	102	Dead	Gravity	0.043
Story2	F103	103	Dead	Gravity	0.043
Story2	F104	104	Dead	Gravity	0.043
Story2	F105	105	Dead	Gravity	0.043
Story2	F106	106	Dead	Gravity	0.043
Story2	F107	107	Dead	Gravity	0.043
Story2	F108	108	Dead	Gravity	0.043
Story2	F109	109	Dead	Gravity	0.043
Story2	F110	110	Dead	Gravity	0.043
Story2	F111	111	Dead	Gravity	0.043
Story2	F112	112	Dead	Gravity	0.043
Story2	F113	113	Dead	Gravity	0.043
Story2	F114	114	Dead	Gravity	0.043
Story2	F115	115	Dead	Gravity	0.043
Story2	F116	116	Dead	Gravity	0.043
Story2	F117	117	Dead	Gravity	0.043
Story2	F118	118	Dead	Gravity	0.043
Story2	F119	119	Dead	Gravity	0.043
Story2	F120	120	Dead	Gravity	0.043

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F121	121	Dead	Gravity	0.043
Story2	F122	122	Dead	Gravity	0.043
Story2	F123	123	Dead	Gravity	0.043
Story2	F124	124	Dead	Gravity	0.043
Story2	F125	125	Dead	Gravity	0.043
Story2	F126	126	Dead	Gravity	0.043
Story2	F127	127	Dead	Gravity	0.043
Story2	F128	128	Dead	Gravity	0.043
Story2	F129	129	Dead	Gravity	0.043
Story2	F130	130	Dead	Gravity	0.043
Story2	F131	131	Dead	Gravity	0.043
Story2	F132	132	Dead	Gravity	0.043
Story2	F133	133	Dead	Gravity	0.043
Story2	F134	134	Dead	Gravity	0.043
Story2	F135	135	Dead	Gravity	0.043
Story2	F136	136	Dead	Gravity	0.043
Story2	F137	137	Dead	Gravity	0.043
Story2	F138	138	Dead	Gravity	0.043
Story2	F139	139	Dead	Gravity	0.043
Story2	F140	140	Dead	Gravity	0.043
Story2	F141	141	Dead	Gravity	0.043
Story2	F142	142	Dead	Gravity	0.043
Story2	F143	143	Dead	Gravity	0.043
Story2	F144	144	Dead	Gravity	0.043
Story2	F145	145	Dead	Gravity	0.043
Story2	F146	146	Dead	Gravity	0.043
Story2	F147	147	Dead	Gravity	0.043
Story2	F148	148	Dead	Gravity	0.043
Story2	F149	149	Dead	Gravity	0.043
Story2	F150	150	Dead	Gravity	0.043
Story2	F151	151	Dead	Gravity	0.043
Story2	F152	152	Dead	Gravity	0.043
Story2	F153	153	Dead	Gravity	0.043
Story2	F154	154	Dead	Gravity	0.043
Story2	F155	155	Dead	Gravity	0.043
Story2	F156	156	Dead	Gravity	0.043
Story2	F157	157	Dead	Gravity	0.043
Story2	F158	158	Dead	Gravity	0.043
Story2	F159	159	Dead	Gravity	0.043
Story2	F160	160	Dead	Gravity	0.043
Story2	F161	161	Dead	Gravity	0.043
Story2	F162	162	Dead	Gravity	0.043
Story2	F163	163	Dead	Gravity	0.043
Story2	F164	164	Dead	Gravity	0.043
Story2	F165	165	Dead	Gravity	0.043
Story2	F166	166	Dead	Gravity	0.043
Story2	F167	167	Dead	Gravity	0.043
Story2	F168	168	Dead	Gravity	0.043
Story2	F169	169	Dead	Gravity	0.043

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F170	170	Dead	Gravity	0.043
Story2	F171	171	Dead	Gravity	0.043
Story2	F172	172	Dead	Gravity	0.043
Story2	F173	173	Dead	Gravity	0.043
Story2	F174	174	Dead	Gravity	0.043
Story2	F175	175	Dead	Gravity	0.043
Story2	F176	176	Dead	Gravity	0.043
Story2	F177	177	Dead	Gravity	0.043
Story2	F178	178	Dead	Gravity	0.043
Story2	F179	179	Dead	Gravity	0.043
Story2	F180	180	Dead	Gravity	0.043
Story2	F181	181	Dead	Gravity	0.043
Story2	F182	182	Dead	Gravity	0.043
Story2	F183	183	Dead	Gravity	0.043
Story2	F184	184	Dead	Gravity	0.043
Story2	F185	185	Dead	Gravity	0.043
Story2	F186	186	Dead	Gravity	0.043
Story2	F187	187	Dead	Gravity	0.043
Story2	F188	188	Dead	Gravity	0.043
Story2	F189	189	Dead	Gravity	0.043
Story2	F190	190	Dead	Gravity	0.043
Story2	F191	191	Dead	Gravity	0.043
Story2	F192	192	Dead	Gravity	0.043
Story2	F193	193	Dead	Gravity	0.043
Base	F2	2	Dead	Gravity	0
Story2	F1	1	Live	Gravity	0.5
Story2	F3	3	Live	Gravity	0.5
Story2	F4	4	Live	Gravity	0.5
Story2	F5	5	Live	Gravity	0.5
Story2	F6	6	Live	Gravity	0.5
Story2	F7	7	Live	Gravity	0.5
Story2	F8	8	Live	Gravity	0.5
Story2	F9	9	Live	Gravity	0.5
Story2	F10	10	Live	Gravity	0.5
Story2	F11	11	Live	Gravity	0.5
Story2	F12	12	Live	Gravity	0.5
Story2	F13	13	Live	Gravity	0.5
Story2	F14	14	Live	Gravity	0.5
Story2	F15	15	Live	Gravity	0.5
Story2	F16	16	Live	Gravity	0.5
Story2	F17	17	Live	Gravity	0.5
Story2	F18	18	Live	Gravity	0.5
Story2	F19	19	Live	Gravity	0.5
Story2	F20	20	Live	Gravity	0.5
Story2	F21	21	Live	Gravity	0.5
Story2	F22	22	Live	Gravity	0.5
Story2	F23	23	Live	Gravity	0.5
Story2	F24	24	Live	Gravity	0.5
Story2	F25	25	Live	Gravity	0.5

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F26	26	Live	Gravity	0.5
Story2	F27	27	Live	Gravity	0.5
Story2	F28	28	Live	Gravity	0.5
Story2	F29	29	Live	Gravity	0.5
Story2	F30	30	Live	Gravity	0.5
Story2	F31	31	Live	Gravity	0.5
Story2	F32	32	Live	Gravity	0.5
Story2	F33	33	Live	Gravity	0.5
Story2	F34	34	Live	Gravity	0.5
Story2	F35	35	Live	Gravity	0.5
Story2	F36	36	Live	Gravity	0.5
Story2	F37	37	Live	Gravity	0.5
Story2	F38	38	Live	Gravity	0.5
Story2	F39	39	Live	Gravity	0.5
Story2	F40	40	Live	Gravity	0.5
Story2	F41	41	Live	Gravity	0.5
Story2	F42	42	Live	Gravity	0.5
Story2	F43	43	Live	Gravity	0.5
Story2	F44	44	Live	Gravity	0.5
Story2	F45	45	Live	Gravity	0.5
Story2	F46	46	Live	Gravity	0.5
Story2	F47	47	Live	Gravity	0.5
Story2	F48	48	Live	Gravity	0.5
Story2	F49	49	Live	Gravity	0.5
Story2	F50	50	Live	Gravity	0.5
Story2	F51	51	Live	Gravity	0.5
Story2	F52	52	Live	Gravity	0.5
Story2	F53	53	Live	Gravity	0.5
Story2	F54	54	Live	Gravity	0.5
Story2	F55	55	Live	Gravity	0.5
Story2	F56	56	Live	Gravity	0.5
Story2	F57	57	Live	Gravity	0.5
Story2	F58	58	Live	Gravity	0.5
Story2	F59	59	Live	Gravity	0.5
Story2	F60	60	Live	Gravity	0.5
Story2	F61	61	Live	Gravity	0.5
Story2	F62	62	Live	Gravity	0.5
Story2	F63	63	Live	Gravity	0.5
Story2	F64	64	Live	Gravity	0.5
Story2	F65	65	Live	Gravity	0.5
Story2	F66	66	Live	Gravity	0.5
Story2	F67	67	Live	Gravity	0.5
Story2	F68	68	Live	Gravity	0.5
Story2	F69	69	Live	Gravity	0.5
Story2	F70	70	Live	Gravity	0.5
Story2	F71	71	Live	Gravity	0.5
Story2	F72	72	Live	Gravity	0.5
Story2	F73	73	Live	Gravity	0.5
Story2	F74	74	Live	Gravity	0.5

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F75	75	Live	Gravity	0.5
Story2	F76	76	Live	Gravity	0.5
Story2	F77	77	Live	Gravity	0.5
Story2	F78	78	Live	Gravity	0.5
Story2	F79	79	Live	Gravity	0.5
Story2	F80	80	Live	Gravity	0.5
Story2	F81	81	Live	Gravity	0.5
Story2	F82	82	Live	Gravity	0.5
Story2	F83	83	Live	Gravity	0.5
Story2	F84	84	Live	Gravity	0.5
Story2	F85	85	Live	Gravity	0.5
Story2	F86	86	Live	Gravity	0.5
Story2	F87	87	Live	Gravity	0.5
Story2	F88	88	Live	Gravity	0.5
Story2	F89	89	Live	Gravity	0.5
Story2	F90	90	Live	Gravity	0.5
Story2	F91	91	Live	Gravity	0.5
Story2	F92	92	Live	Gravity	0.5
Story2	F93	93	Live	Gravity	0.5
Story2	F94	94	Live	Gravity	0.5
Story2	F95	95	Live	Gravity	0.5
Story2	F96	96	Live	Gravity	0.5
Story2	F97	97	Live	Gravity	0.5
Story2	F98	98	Live	Gravity	0.5
Story2	F99	99	Live	Gravity	0.5
Story2	F100	100	Live	Gravity	0.5
Story2	F101	101	Live	Gravity	0.5
Story2	F102	102	Live	Gravity	0.5
Story2	F103	103	Live	Gravity	0.5
Story2	F104	104	Live	Gravity	0.5
Story2	F105	105	Live	Gravity	0.5
Story2	F106	106	Live	Gravity	0.5
Story2	F107	107	Live	Gravity	0.5
Story2	F108	108	Live	Gravity	0.5
Story2	F109	109	Live	Gravity	0.5
Story2	F110	110	Live	Gravity	0.5
Story2	F111	111	Live	Gravity	0.5
Story2	F112	112	Live	Gravity	0.5
Story2	F113	113	Live	Gravity	0.5
Story2	F114	114	Live	Gravity	0.5
Story2	F115	115	Live	Gravity	0.5
Story2	F116	116	Live	Gravity	0.5
Story2	F117	117	Live	Gravity	0.5
Story2	F118	118	Live	Gravity	0.5
Story2	F119	119	Live	Gravity	0.5
Story2	F120	120	Live	Gravity	0.5
Story2	F121	121	Live	Gravity	0.5
Story2	F122	122	Live	Gravity	0.5
Story2	F123	123	Live	Gravity	0.5

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F124	124	Live	Gravity	0.5
Story2	F125	125	Live	Gravity	0.5
Story2	F126	126	Live	Gravity	0.5
Story2	F127	127	Live	Gravity	0.5
Story2	F128	128	Live	Gravity	0.5
Story2	F129	129	Live	Gravity	0.5
Story2	F130	130	Live	Gravity	0.5
Story2	F131	131	Live	Gravity	0.5
Story2	F132	132	Live	Gravity	0.5
Story2	F133	133	Live	Gravity	0.5
Story2	F134	134	Live	Gravity	0.5
Story2	F135	135	Live	Gravity	0.5
Story2	F136	136	Live	Gravity	0.5
Story2	F137	137	Live	Gravity	0.5
Story2	F138	138	Live	Gravity	0.5
Story2	F139	139	Live	Gravity	0.5
Story2	F140	140	Live	Gravity	0.5
Story2	F141	141	Live	Gravity	0.5
Story2	F142	142	Live	Gravity	0.5
Story2	F143	143	Live	Gravity	0.5
Story2	F144	144	Live	Gravity	0.5
Story2	F145	145	Live	Gravity	0.5
Story2	F146	146	Live	Gravity	0.5
Story2	F147	147	Live	Gravity	0.5
Story2	F148	148	Live	Gravity	0.5
Story2	F149	149	Live	Gravity	0.5
Story2	F150	150	Live	Gravity	0.5
Story2	F151	151	Live	Gravity	0.5
Story2	F152	152	Live	Gravity	0.5
Story2	F153	153	Live	Gravity	0.5
Story2	F154	154	Live	Gravity	0.5
Story2	F155	155	Live	Gravity	0.5
Story2	F156	156	Live	Gravity	0.5
Story2	F157	157	Live	Gravity	0.5
Story2	F158	158	Live	Gravity	0.5
Story2	F159	159	Live	Gravity	0.5
Story2	F160	160	Live	Gravity	0.5
Story2	F161	161	Live	Gravity	0.5
Story2	F162	162	Live	Gravity	0.5
Story2	F163	163	Live	Gravity	0.5
Story2	F164	164	Live	Gravity	0.5
Story2	F165	165	Live	Gravity	0.5
Story2	F166	166	Live	Gravity	0.5
Story2	F167	167	Live	Gravity	0.5
Story2	F168	168	Live	Gravity	0.5
Story2	F169	169	Live	Gravity	0.5
Story2	F170	170	Live	Gravity	0.5
Story2	F171	171	Live	Gravity	0.5
Story2	F172	172	Live	Gravity	0.5

Table 4.6 - Area Load Assignments - Uniform (continued)

Story	Label	UniqueName	Load Pattern	Direction	Load kN/m2
Story2	F173	173	Live	Gravity	0.5
Story2	F174	174	Live	Gravity	0.5
Story2	F175	175	Live	Gravity	0.5
Story2	F176	176	Live	Gravity	0.5
Story2	F177	177	Live	Gravity	0.5
Story2	F178	178	Live	Gravity	0.5
Story2	F179	179	Live	Gravity	0.5
Story2	F180	180	Live	Gravity	0.5
Story2	F181	181	Live	Gravity	0.5
Story2	F182	182	Live	Gravity	0.5
Story2	F183	183	Live	Gravity	0.5
Story2	F184	184	Live	Gravity	0.5
Story2	F185	185	Live	Gravity	0.5
Story2	F186	186	Live	Gravity	0.5
Story2	F187	187	Live	Gravity	0.5
Story2	F188	188	Live	Gravity	0.5
Story2	F189	189	Live	Gravity	0.5
Story2	F190	190	Live	Gravity	0.5
Story2	F191	191	Live	Gravity	0.5
Story2	F192	192	Live	Gravity	0.5
Story2	F193	193	Live	Gravity	0.5
Base	F2	2	Live	Gravity	3

4.5 Functions

4.5.1 Response Spectrum Functions

Table 4.7 - 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 4.8 - 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 4.9 - Load Case Definitions - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
Modal	Modal - Eigen

Table 4.9 - Load Case Definitions - Summary (continued)

Name	Type
WIND	Linear Static
EQX	Linear Static
EQY	Linear Static

4.7 Load Combinations

Table 4.10 - Load Combination Definitions

Name	Type	Is Auto	Load Name	SF	Notes
DCmpC1	Linear Add	Yes	Dead	1.4	Dead + Construction Live [Construction]
DCmpD1	Linear Add	Yes	Dead	1	Dead [Deflections]
DCmpD2	Linear Add	Yes	Dead	1	Dead + Live [Deflections]
DCmpD2			Live	1	
DCmpS1	Linear Add	Yes	Dead	1.4	Dead [Strength]
DCmpS2	Linear Add	Yes	Dead	1.4	Dead + Live [Strength]
DCmpS2			Live	1.6	
DConS1	Linear Add	Yes	Dead	1.4	Dead [Strength]
DConS2	Linear Add	Yes	Dead	1.4	Dead + Live [Strength]
DConS2			Live	1.6	
DConS3	Linear Add	Yes	Dead	1.2	Dead + Live + Wind + Snow [Strength]
DConS3			Live	1.2	
DConS3			WIND	1.2	
DConS4	Linear Add	Yes	Dead	1.2	Dead + Live - Wind + Snow [Strength]
DConS4			Live	1.2	
DConS4			WIND	-1.2	
DConS5	Linear Add	Yes	Dead	1.4	Dead + Wind [Strength]
DConS5			WIND	1.4	
DConS6	Linear Add	Yes	Dead	1.4	Dead - Wind [Strength]
DConS6			WIND	-1.4	
DConS7	Linear Add	Yes	Dead	1	Dead (min) + Wind [Strength]
DConS7			WIND	1.4	
DConS8	Linear Add	Yes	Dead	1	Dead (min) - Wind [Strength]
DConS8			WIND	-1.4	
DConS9	Linear Add	Yes	Dead	1.2	Dead + Live + Static Earthquake [Strength]
DConS9			Live	1.2	
DConS9			EQX	1.2	
DConS10	Linear Add	Yes	Dead	1.2	Dead + Live - Static Earthquake [Strength]
DConS10			Live	1.2	
DConS10			EQX	-1.2	
DConS11	Linear Add	Yes	Dead	1.2	Dead + Live + Static Earthquake [Strength]
DConS11			Live	1.2	
DConS11			EQY	1.2	
DConS12	Linear Add	Yes	Dead	1.2	Dead + Live - Static Earthquake [Strength]
DConS12			Live	1.2	
DConS12			EQY	-1.2	
DConS13	Linear Add	Yes	Dead	1.4	Dead + Static Earthquake [Strength]
DConS13			EQX	1.4	
DConS14	Linear Add	Yes	Dead	1.4	Dead - Static Earthquake [Strength]
DConS14			EQX	-1.4	
DConS15	Linear Add	Yes	Dead	1.4	Dead + Static Earthquake [Strength]

Table 4.10 - Load Combination Definitions (continued)

Name	Type	Is Auto	Load Name	SF	Notes
DConS15			EQY	1.4	
DConS16	Linear Add	Yes	Dead	1.4	Dead - Static Earthquake [Strength]
DConS16			EQY	-1.4	
DConS17	Linear Add	Yes	Dead	1	Dead (min) + Static Earthquake [Strength]
DConS17			EQX	1.4	
DConS18	Linear Add	Yes	Dead	1	Dead (min) - Static Earthquake [Strength]
DConS18			EQX	-1.4	
DConS19	Linear Add	Yes	Dead	1	Dead (min) + Static Earthquake [Strength]
DConS19			EQY	1.4	
DConS20	Linear Add	Yes	Dead	1	Dead (min) - Static Earthquake [Strength]
DConS20			EQY	-1.4	
DSIbS1	Linear Add	Yes	Dead	1.4	Dead [Strength]
DSIbS2	Linear Add	Yes	Dead	1.4	Dead + Live [Strength]
DSIbS2			Live	1.6	
DSIbS3	Linear Add	Yes	Dead	1.2	Dead + Live + Wind + Snow [Strength]
DSIbS3			Live	1.2	
DSIbS3			WIND	1.2	
DSIbS4	Linear Add	Yes	Dead	1.2	Dead + Live - Wind + Snow [Strength]
DSIbS4			Live	1.2	
DSIbS4			WIND	-1.2	
DSIbS5	Linear Add	Yes	Dead	1.4	Dead + Wind [Strength]
DSIbS5			WIND	1.4	
DSIbS6	Linear Add	Yes	Dead	1.4	Dead - Wind [Strength]
DSIbS6			WIND	-1.4	
DSIbS7	Linear Add	Yes	Dead	1	Dead (min) + Wind [Strength]
DSIbS7			WIND	1.4	
DSIbS8	Linear Add	Yes	Dead	1	Dead (min) - Wind [Strength]
DSIbS8			WIND	-1.4	
DStID1	Linear Add	Yes	Dead	1	Dead [Deflections]
DStID2	Linear Add	Yes	Dead	1	Dead + Live [Deflections]
DStID2			Live	1	
DStIS1	Linear Add	Yes	Dead	1.4	Dead [Strength]
DStIS2	Linear Add	Yes	Dead	1.4	Dead + Live [Strength]
DStIS2			Live	1.6	
DStIS3	Linear Add	Yes	Dead	1.2	Dead + Live + Wind + Snow [Strength]
DStIS3			Live	1.2	
DStIS3			WIND	1.2	
DStIS4	Linear Add	Yes	Dead	1.2	Dead + Live - Wind + Snow [Strength]
DStIS4			Live	1.2	
DStIS4			WIND	-1.2	
DStIS5	Linear Add	Yes	Dead	1.4	Dead + Wind [Strength]
DStIS5			WIND	1.4	
DStIS6	Linear Add	Yes	Dead	1.4	Dead - Wind [Strength]
DStIS6			WIND	-1.4	
DStIS7	Linear Add	Yes	Dead	1	Dead (min) + Wind [Strength]
DStIS7			WIND	1.4	
DStIS8	Linear Add	Yes	Dead	1	Dead (min) - Wind [Strength]
DStIS8			WIND	-1.4	
DStIS9	Linear Add	Yes	Dead	1.2	Dead + Live + Static Earthquake [Strength]

Table 4.10 - Load Combination Definitions (continued)

Name	Type	Is Auto	Load Name	SF	Notes
DStIS9			Live	1.2	
DStIS9			EQX	1.2	
DStIS10	Linear Add	Yes	Dead	1.2	Dead + Live - Static Earthquake [Strength]
DStIS10			Live	1.2	
DStIS10			EQX	-1.2	
DStIS11	Linear Add	Yes	Dead	1.2	Dead + Live + Static Earthquake [Strength]
DStIS11			Live	1.2	
DStIS11			EQY	1.2	
DStIS12	Linear Add	Yes	Dead	1.2	Dead + Live - Static Earthquake [Strength]
DStIS12			Live	1.2	
DStIS12			EQY	-1.2	
DStIS13	Linear Add	Yes	Dead	1.4	Dead + Static Earthquake [Strength]
DStIS13			EQX	1.4	
DStIS14	Linear Add	Yes	Dead	1.4	Dead - Static Earthquake [Strength]
DStIS14			EQX	-1.4	
DStIS15	Linear Add	Yes	Dead	1.4	Dead + Static Earthquake [Strength]
DStIS15			EQY	1.4	
DStIS16	Linear Add	Yes	Dead	1.4	Dead - Static Earthquake [Strength]
DStIS16			EQY	-1.4	
DStIS17	Linear Add	Yes	Dead	1	Dead (min) + Static Earthquake [Strength]
DStIS17			EQX	1.4	
DStIS18	Linear Add	Yes	Dead	1	Dead (min) - Static Earthquake [Strength]
DStIS18			EQX	-1.4	
DStIS19	Linear Add	Yes	Dead	1	Dead (min) + Static Earthquake [Strength]
DStIS19			EQY	1.4	
DStIS20	Linear Add	Yes	Dead	1	Dead (min) - Static Earthquake [Strength]
DStIS20			EQY	-1.4	

5 Analysis Results

This chapter provides analysis results.

5.1 Structure Results

Table 5.1 - Base Reactions

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m	Y m	Z m
Dead	LinStatic		0	0	4475.6635	26960.2312	-67558.6047	0	0	0	0
Live	LinStatic		0	0	1261.2409	7567.4455	-18918.6138	0	0	0	0
WIND	LinStatic		0	41.1499	-31.6538	-62.358	474.8068	617.2489	0	0	0
EQX	LinStatic	Max	-38.2747	0	0	0	-222.612	238.4464	0	0	0
EQX	LinStatic	Min	-38.2747	0	0	0	-222.612	238.4464	0	0	0
EQY	LinStatic	Max	0	-36.6569	0	213.2031	0	-558.3824	0	0	0
EQY	LinStatic	Min	0	-36.6569	0	213.2031	0	-558.3824	0	0	0
DSlS1	Combination		0	0	6265.9289	37744.3236	-94582.0466	0	0	0	0
DSlS2	Combination		0	0	8283.9144	49852.2365	-124851.8287	0	0	0	0
DSlS3	Combination		0	49.3799	6846.3008	41358.3825	-103202.8941	740.6986	0	0	0
DSlS4	Combination		0	-49.3799	6922.2699	41508.0416	-104342.4304	-740.6986	0	0	0
DSlS5	Combination		0	57.6099	6221.6136	37657.0225	-93917.3171	864.1484	0	0	0
DSlS6	Combination		0	-57.6099	6310.2443	37831.6248	-95246.7762	-864.1484	0	0	0
DSlS7	Combination		0	57.6099	4431.3482	26872.93	-66893.8752	864.1484	0	0	0
DSlS8	Combination		0	-57.6099	4519.9788	27047.5323	-68223.3343	-864.1484	0	0	0
DStIS1	Combination		0	0	6265.9289	37744.3236	-94582.0466	0	0	0	0
DStIS2	Combination		0	0	8283.9144	49852.2365	-124851.8287	0	0	0	0
DStIS3	Combination		0	49.3799	6846.3008	41358.3825	-103202.8941	740.6986	0	0	0
DStIS4	Combination		0	-49.3799	6922.2699	41508.0416	-104342.4304	-740.6986	0	0	0
DStIS5	Combination		0	57.6099	6221.6136	37657.0225	-93917.3171	864.1484	0	0	0
DStIS6	Combination		0	-57.6099	6310.2443	37831.6248	-95246.7762	-864.1484	0	0	0
DStIS7	Combination		0	57.6099	4431.3482	26872.93	-66893.8752	864.1484	0	0	0
DStIS8	Combination		0	-57.6099	4519.9788	27047.5323	-68223.3343	-864.1484	0	0	0
DStIS9	Combination	Max	-45.9296	0	6884.2853	41433.212	-104039.7967	286.1357	0	0	0
DStIS9	Combination	Min	-45.9296	0	6884.2853	41433.212	-104039.7967	286.1357	0	0	0
DStIS10	Combination	Max	45.9296	0	6884.2853	41433.212	-103505.5278	-286.1357	0	0	0
DStIS10	Combination	Min	45.9296	0	6884.2853	41433.212	-103505.5278	-286.1357	0	0	0
DStIS11	Combination	Max	0	-43.9883	6884.2853	41689.0557	-103772.6623	-670.0588	0	0	0
DStIS11	Combination	Min	0	-43.9883	6884.2853	41689.0557	-103772.6623	-670.0588	0	0	0
DStIS12	Combination	Max	0	43.9883	6884.2853	41177.3683	-103772.6623	670.0588	0	0	0
DStIS12	Combination	Min	0	43.9883	6884.2853	41177.3683	-103772.6623	670.0588	0	0	0

Table 5.1 - Base Reactions (continued)

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m	Y m	Z m
DStIS13	Combination	Max	-53.5845	0	6265.9289	37744.3236	-94893.7035	333.825	0	0	0
DStIS13	Combination	Min	-53.5845	0	6265.9289	37744.3236	-94893.7035	333.825	0	0	0
DStIS14	Combination	Max	53.5845	0	6265.9289	37744.3236	-94270.3898	-333.825	0	0	0
DStIS14	Combination	Min	53.5845	0	6265.9289	37744.3236	-94270.3898	-333.825	0	0	0
DStIS15	Combination	Max	0	-51.3197	6265.9289	38042.8079	-94582.0466	-781.7353	0	0	0
DStIS15	Combination	Min	0	-51.3197	6265.9289	38042.8079	-94582.0466	-781.7353	0	0	0
DStIS16	Combination	Max	0	51.3197	6265.9289	37445.8393	-94582.0466	781.7353	0	0	0
DStIS16	Combination	Min	0	51.3197	6265.9289	37445.8393	-94582.0466	781.7353	0	0	0
DStIS17	Combination	Max	-53.5845	0	4475.6635	26960.2312	-67870.2616	333.825	0	0	0
DStIS17	Combination	Min	-53.5845	0	4475.6635	26960.2312	-67870.2616	333.825	0	0	0
DStIS18	Combination	Max	53.5845	0	4475.6635	26960.2312	-67246.9479	-333.825	0	0	0
DStIS18	Combination	Min	53.5845	0	4475.6635	26960.2312	-67246.9479	-333.825	0	0	0
DStIS19	Combination	Max	0	-51.3197	4475.6635	27258.7155	-67558.6047	-781.7353	0	0	0
DStIS19	Combination	Min	0	-51.3197	4475.6635	27258.7155	-67558.6047	-781.7353	0	0	0
DStIS20	Combination	Max	0	51.3197	4475.6635	26661.7468	-67558.6047	781.7353	0	0	0
DStIS20	Combination	Min	0	51.3197	4475.6635	26661.7468	-67558.6047	781.7353	0	0	0
DStID1	Combination		0	0	4475.6635	26960.2312	-67558.6047	0	0	0	0
DStID2	Combination		0	0	5736.9045	34527.6767	-86477.2186	0	0	0	0
DConS1	Combination		0	0	6265.9289	37744.3236	-94582.0466	0	0	0	0
DConS2	Combination		0	0	8283.9144	49852.2365	-124851.8287	0	0	0	0
DConS3	Combination		0	49.3799	6846.3008	41358.3825	-103202.8941	740.6986	0	0	0
DConS4	Combination		0	-49.3799	6922.2699	41508.0416	-104342.4304	-740.6986	0	0	0
DConS5	Combination		0	57.6099	6221.6136	37657.0225	-93917.3171	864.1484	0	0	0
DConS6	Combination		0	-57.6099	6310.2443	37831.6248	-95246.7762	-864.1484	0	0	0
DConS7	Combination		0	57.6099	4431.3482	26872.93	-66893.8752	864.1484	0	0	0
DConS8	Combination		0	-57.6099	4519.9788	27047.5323	-68223.3343	-864.1484	0	0	0
DConS9	Combination	Max	-45.9296	0	6884.2853	41433.212	-104039.7967	286.1357	0	0	0
DConS9	Combination	Min	-45.9296	0	6884.2853	41433.212	-104039.7967	286.1357	0	0	0
DConS10	Combination	Max	45.9296	0	6884.2853	41433.212	-103505.5278	-286.1357	0	0	0
DConS10	Combination	Min	45.9296	0	6884.2853	41433.212	-103505.5278	-286.1357	0	0	0
DConS11	Combination	Max	0	-43.9883	6884.2853	41689.0557	-103772.6623	-670.0588	0	0	0
DConS11	Combination	Min	0	-43.9883	6884.2853	41689.0557	-103772.6623	-670.0588	0	0	0
DConS12	Combination	Max	0	43.9883	6884.2853	41177.3683	-103772.6623	670.0588	0	0	0
DConS12	Combination	Min	0	43.9883	6884.2853	41177.3683	-103772.6623	670.0588	0	0	0

Table 5.1 - Base Reactions (continued)

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m	Y m	Z m
DConS13	Combination	Max	-53.5845	0	6265.9289	37744.3236	-94893.7035	333.825	0	0	0
DConS13	Combination	Min	-53.5845	0	6265.9289	37744.3236	-94893.7035	333.825	0	0	0
DConS14	Combination	Max	53.5845	0	6265.9289	37744.3236	-94270.3898	-333.825	0	0	0
DConS14	Combination	Min	53.5845	0	6265.9289	37744.3236	-94270.3898	-333.825	0	0	0
DConS15	Combination	Max	0	-51.3197	6265.9289	38042.8079	-94582.0466	-781.7353	0	0	0
DConS15	Combination	Min	0	-51.3197	6265.9289	38042.8079	-94582.0466	-781.7353	0	0	0
DConS16	Combination	Max	0	51.3197	6265.9289	37445.8393	-94582.0466	781.7353	0	0	0
DConS16	Combination	Min	0	51.3197	6265.9289	37445.8393	-94582.0466	781.7353	0	0	0
DConS17	Combination	Max	-53.5845	0	4475.6635	26960.2312	-67870.2616	333.825	0	0	0
DConS17	Combination	Min	-53.5845	0	4475.6635	26960.2312	-67870.2616	333.825	0	0	0
DConS18	Combination	Max	53.5845	0	4475.6635	26960.2312	-67246.9479	-333.825	0	0	0
DConS18	Combination	Min	53.5845	0	4475.6635	26960.2312	-67246.9479	-333.825	0	0	0
DConS19	Combination	Max	0	-51.3197	4475.6635	27258.7155	-67558.6047	-781.7353	0	0	0
DConS19	Combination	Min	0	-51.3197	4475.6635	27258.7155	-67558.6047	-781.7353	0	0	0
DConS20	Combination	Max	0	51.3197	4475.6635	26661.7468	-67558.6047	781.7353	0	0	0
DConS20	Combination	Min	0	51.3197	4475.6635	26661.7468	-67558.6047	781.7353	0	0	0
DCmpD1	Combination		0	0	4475.6635	26960.2312	-67558.6047	0	0	0	0
DCmpD2	Combination		0	0	5736.9045	34527.6767	-86477.2186	0	0	0	0
DCmpS1	Combination		0	0	6265.9289	37744.3236	-94582.0466	0	0	0	0
DCmpS2	Combination		0	0	8283.9144	49852.2365	-124851.8287	0	0	0	0
DCmpC1	Combination		0	0	6265.9289	37744.3236	-94582.0466	0	0	0	0

5.2 Story Results

Table 5.2 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	Dead	LinStatic		X	0.000178	9	0	0	6
Story2	Dead	LinStatic		Y	0.000174	15	30	0	6
Story2	Live	LinStatic		X	6.7E-05	9	0	0	6
Story2	Live	LinStatic		Y	6.2E-05	15	30	0	6
Story2	WIND	LinStatic		Y	0.000855	6	25	12	6
Story2	EQX	LinStatic	Max	X	0.000612	7	0	8	6
Story2	EQX	LinStatic	Min	X	0.000612	7	0	8	6
Story2	EQY	LinStatic	Max	Y	0.000595	6	25	12	6
Story2	EQY	LinStatic	Min	Y	0.000595	6	25	12	6
Story2	DSlBs1	Combination		X	0.000249	9	0	0	6
Story2	DSlBs1	Combination		Y	0.000243	15	30	0	6
Story2	DSlBs2	Combination		X	0.000356	9	0	0	6
Story2	DSlBs2	Combination		Y	0.000342	15	30	0	6
Story2	DSlBs3	Combination		Y	0.001121	12	15	0	6
Story2	DSlBs4	Combination		Y	0.00124	6	25	12	6

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	DSlBS5	Combination		Y	0.001258	12	15	0	6
Story2	DSlBS6	Combination		Y	0.001361	6	25	12	6
Story2	DSlBS7	Combination		Y	0.001217	12	15	0	6
Story2	DSlBS8	Combination		Y	0.001314	6	25	12	6
Story2	DStIS1	Combination		X	0.000249	9	0	0	6
Story2	DStIS1	Combination		Y	0.000243	15	30	0	6
Story2	DStIS2	Combination		X	0.000356	9	0	0	6
Story2	DStIS2	Combination		Y	0.000342	15	30	0	6
Story2	DStIS3	Combination		Y	0.001121	12	15	0	6
Story2	DStIS4	Combination		Y	0.00124	6	25	12	6
Story2	DStIS5	Combination		Y	0.001258	12	15	0	6
Story2	DStIS6	Combination		Y	0.001361	6	25	12	6
Story2	DStIS7	Combination		Y	0.001217	12	15	0	6
Story2	DStIS8	Combination		Y	0.001314	6	25	12	6
Story2	DStIS9	Combination	Max	X	0.000826	7	0	8	6
Story2	DStIS9	Combination	Min	X	0.000826	7	0	8	6
Story2	DStIS10	Combination	Max	X	0.00083	17	30	8	6
Story2	DStIS10	Combination	Min	X	0.00083	17	30	8	6
Story2	DStIS11	Combination	Max	Y	0.000928	6	25	12	6
Story2	DStIS11	Combination	Min	Y	0.000928	6	25	12	6
Story2	DStIS12	Combination	Max	Y	0.000818	12	15	0	6
Story2	DStIS12	Combination	Min	Y	0.000818	12	15	0	6
Story2	DStIS13	Combination	Max	X	0.000954	7	0	8	6
Story2	DStIS13	Combination	Min	X	0.000954	7	0	8	6
Story2	DStIS14	Combination	Max	X	0.000966	17	30	8	6
Story2	DStIS14	Combination	Min	X	0.000966	17	30	8	6
Story2	DStIS15	Combination	Max	Y	0.000997	6	25	12	6
Story2	DStIS15	Combination	Min	Y	0.000997	6	25	12	6
Story2	DStIS16	Combination	Max	Y	0.000904	12	15	0	6
Story2	DStIS16	Combination	Min	Y	0.000904	12	15	0	6
Story2	DStIS17	Combination	Max	X	0.000926	7	0	8	6
Story2	DStIS17	Combination	Min	X	0.000926	7	0	8	6
Story2	DStIS18	Combination	Max	X	0.000902	17	30	8	6
Story2	DStIS18	Combination	Min	X	0.000902	17	30	8	6
Story2	DStIS19	Combination	Max	Y	0.00095	6	25	12	6
Story2	DStIS19	Combination	Min	Y	0.00095	6	25	12	6
Story2	DStIS20	Combination	Max	Y	0.000862	12	15	0	6
Story2	DStIS20	Combination	Min	Y	0.000862	12	15	0	6
Story2	DStID1	Combination		X	0.000178	9	0	0	6
Story2	DStID1	Combination		Y	0.000174	15	30	0	6
Story2	DStID2	Combination		X	0.000245	9	0	0	6
Story2	DStID2	Combination		Y	0.000235	15	30	0	6
Story2	DConS1	Combination		X	0.000249	9	0	0	6
Story2	DConS1	Combination		Y	0.000243	15	30	0	6
Story2	DConS2	Combination		X	0.000356	9	0	0	6
Story2	DConS2	Combination		Y	0.000342	15	30	0	6
Story2	DConS3	Combination		Y	0.001121	12	15	0	6
Story2	DConS4	Combination		Y	0.00124	6	25	12	6
Story2	DConS5	Combination		Y	0.001258	12	15	0	6

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	DConS6	Combination		Y	0.001361	6	25	12	6
Story2	DConS7	Combination		Y	0.001217	12	15	0	6
Story2	DConS8	Combination		Y	0.001314	6	25	12	6
Story2	DConS9	Combination	Max	X	0.000826	7	0	8	6
Story2	DConS9	Combination	Min	X	0.000826	7	0	8	6
Story2	DConS10	Combination	Max	X	0.00083	17	30	8	6
Story2	DConS10	Combination	Min	X	0.00083	17	30	8	6
Story2	DConS11	Combination	Max	Y	0.000928	6	25	12	6
Story2	DConS11	Combination	Min	Y	0.000928	6	25	12	6
Story2	DConS12	Combination	Max	Y	0.000818	12	15	0	6
Story2	DConS12	Combination	Min	Y	0.000818	12	15	0	6
Story2	DConS13	Combination	Max	X	0.000954	7	0	8	6
Story2	DConS13	Combination	Min	X	0.000954	7	0	8	6
Story2	DConS14	Combination	Max	X	0.000966	17	30	8	6
Story2	DConS14	Combination	Min	X	0.000966	17	30	8	6
Story2	DConS15	Combination	Max	Y	0.000997	6	25	12	6
Story2	DConS15	Combination	Min	Y	0.000997	6	25	12	6
Story2	DConS16	Combination	Max	Y	0.000904	12	15	0	6
Story2	DConS16	Combination	Min	Y	0.000904	12	15	0	6
Story2	DConS17	Combination	Max	X	0.000926	7	0	8	6
Story2	DConS17	Combination	Min	X	0.000926	7	0	8	6
Story2	DConS18	Combination	Max	X	0.000902	17	30	8	6
Story2	DConS18	Combination	Min	X	0.000902	17	30	8	6
Story2	DConS19	Combination	Max	Y	0.00095	6	25	12	6
Story2	DConS19	Combination	Min	Y	0.00095	6	25	12	6
Story2	DConS20	Combination	Max	Y	0.000862	12	15	0	6
Story2	DConS20	Combination	Min	Y	0.000862	12	15	0	6
Story2	DCmpD1	Combination		X	0.000178	9	0	0	6
Story2	DCmpD1	Combination		Y	0.000174	15	30	0	6
Story2	DCmpD2	Combination		X	0.000245	9	0	0	6
Story2	DCmpD2	Combination		Y	0.000235	15	30	0	6
Story2	DCmpS1	Combination		X	0.000249	9	0	0	6
Story2	DCmpS1	Combination		Y	0.000243	15	30	0	6
Story2	DCmpS2	Combination		X	0.000356	9	0	0	6
Story2	DCmpS2	Combination		Y	0.000342	15	30	0	6
Story2	DCmpC1	Combination		X	0.000249	9	0	0	6
Story2	DCmpC1	Combination		Y	0.000243	15	30	0	6
Story1	Dead	LinStatic		Y	0.000781	12	15	0	3.2
Story1	Live	LinStatic		X	2.4E-05	16	30	4	3.2
Story1	Live	LinStatic		Y	0.000286	12	15	0	3.2
Story1	WIND	LinStatic		Y	0.000548	7	0	8	3.2
Story1	EQX	LinStatic	Max	X	0.000342	7	0	8	3.2
Story1	EQX	LinStatic	Min	X	0.000342	7	0	8	3.2
Story1	EQY	LinStatic	Max	Y	0.000429	8	0	4	3.2
Story1	EQY	LinStatic	Min	Y	0.000429	8	0	4	3.2
Story1	DSlbs1	Combination		Y	0.001093	12	15	0	3.2
Story1	DSlbs2	Combination		X	0.000182	16	30	4	3.2
Story1	DSlbs2	Combination		Y	0.001551	12	15	0	3.2
Story1	DSlbs3	Combination		Y	0.001636	12	15	0	3.2

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	DSlBS4	Combination		Y	0.00166	4	15	12	3.2
Story1	DSlBS5	Combination		Y	0.001508	12	15	0	3.2
Story1	DSlBS6	Combination		Y	0.00156	4	15	12	3.2
Story1	DSlBS7	Combination		Y	0.001196	12	15	0	3.2
Story1	DSlBS8	Combination		Y	0.001269	4	15	12	3.2
Story1	DStIS1	Combination		Y	0.001093	12	15	0	3.2
Story1	DStIS2	Combination		X	0.000182	16	30	4	3.2
Story1	DStIS2	Combination		Y	0.001551	12	15	0	3.2
Story1	DStIS3	Combination		Y	0.001636	12	15	0	3.2
Story1	DStIS4	Combination		Y	0.00166	4	15	12	3.2
Story1	DStIS5	Combination		Y	0.001508	12	15	0	3.2
Story1	DStIS6	Combination		Y	0.00156	4	15	12	3.2
Story1	DStIS7	Combination		Y	0.001196	12	15	0	3.2
Story1	DStIS8	Combination		Y	0.001269	4	15	12	3.2
Story1	DStIS9	Combination	Max	X	0.000551	7	0	8	3.2
Story1	DStIS9	Combination	Max	Y	0.001281	12	15	0	3.2
Story1	DStIS9	Combination	Min	X	0.000551	7	0	8	3.2
Story1	DStIS9	Combination	Min	Y	0.001281	12	15	0	3.2
Story1	DStIS10	Combination	Max	X	0.000485	16	30	4	3.2
Story1	DStIS10	Combination	Max	Y	0.00128	12	15	0	3.2
Story1	DStIS10	Combination	Min	X	0.000485	16	30	4	3.2
Story1	DStIS10	Combination	Min	Y	0.00128	12	15	0	3.2
Story1	DStIS11	Combination	Max	Y	0.001574	4	15	12	3.2
Story1	DStIS11	Combination	Min	Y	0.001574	4	15	12	3.2
Story1	DStIS12	Combination	Max	Y	0.001663	12	15	0	3.2
Story1	DStIS12	Combination	Min	Y	0.001663	12	15	0	3.2
Story1	DStIS13	Combination	Max	X	0.000616	7	0	8	3.2
Story1	DStIS13	Combination	Min	X	0.000616	7	0	8	3.2
Story1	DStIS14	Combination	Max	X	0.000533	16	30	4	3.2
Story1	DStIS14	Combination	Min	X	0.000533	16	30	4	3.2
Story1	DStIS15	Combination	Max	Y	0.001459	4	15	12	3.2
Story1	DStIS15	Combination	Min	Y	0.001459	4	15	12	3.2
Story1	DStIS16	Combination	Max	Y	0.00154	12	15	0	3.2
Story1	DStIS16	Combination	Min	Y	0.00154	12	15	0	3.2
Story1	DStIS17	Combination	Max	X	0.000576	7	0	8	3.2
Story1	DStIS17	Combination	Min	X	0.000576	7	0	8	3.2
Story1	DStIS18	Combination	Max	X	0.000491	16	30	4	3.2
Story1	DStIS18	Combination	Min	X	0.000491	16	30	4	3.2
Story1	DStIS19	Combination	Max	Y	0.001168	4	15	12	3.2
Story1	DStIS19	Combination	Min	Y	0.001168	4	15	12	3.2
Story1	DStIS20	Combination	Max	Y	0.001227	12	15	0	3.2
Story1	DStIS20	Combination	Min	Y	0.001227	12	15	0	3.2
Story1	DStID1	Combination		Y	0.000781	12	15	0	3.2
Story1	DStID2	Combination		X	0.000127	16	30	4	3.2
Story1	DStID2	Combination		Y	0.001067	12	15	0	3.2
Story1	DConS1	Combination		Y	0.001093	12	15	0	3.2
Story1	DConS2	Combination		X	0.000182	16	30	4	3.2
Story1	DConS2	Combination		Y	0.001551	12	15	0	3.2
Story1	DConS3	Combination		Y	0.001636	12	15	0	3.2

Table 5.2 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	DConS4	Combination		Y	0.00166	4	15	12	3.2
Story1	DConS5	Combination		Y	0.001508	12	15	0	3.2
Story1	DConS6	Combination		Y	0.00156	4	15	12	3.2
Story1	DConS7	Combination		Y	0.001196	12	15	0	3.2
Story1	DConS8	Combination		Y	0.001269	4	15	12	3.2
Story1	DConS9	Combination	Max	X	0.000551	7	0	8	3.2
Story1	DConS9	Combination	Max	Y	0.001281	12	15	0	3.2
Story1	DConS9	Combination	Min	X	0.000551	7	0	8	3.2
Story1	DConS9	Combination	Min	Y	0.001281	12	15	0	3.2
Story1	DConS10	Combination	Max	X	0.000485	16	30	4	3.2
Story1	DConS10	Combination	Max	Y	0.00128	12	15	0	3.2
Story1	DConS10	Combination	Min	X	0.000485	16	30	4	3.2
Story1	DConS10	Combination	Min	Y	0.00128	12	15	0	3.2
Story1	DConS11	Combination	Max	Y	0.001574	4	15	12	3.2
Story1	DConS11	Combination	Min	Y	0.001574	4	15	12	3.2
Story1	DConS12	Combination	Max	Y	0.001663	12	15	0	3.2
Story1	DConS12	Combination	Min	Y	0.001663	12	15	0	3.2
Story1	DConS13	Combination	Max	X	0.000616	7	0	8	3.2
Story1	DConS13	Combination	Min	X	0.000616	7	0	8	3.2
Story1	DConS14	Combination	Max	X	0.000533	16	30	4	3.2
Story1	DConS14	Combination	Min	X	0.000533	16	30	4	3.2
Story1	DConS15	Combination	Max	Y	0.001459	4	15	12	3.2
Story1	DConS15	Combination	Min	Y	0.001459	4	15	12	3.2
Story1	DConS16	Combination	Max	Y	0.00154	12	15	0	3.2
Story1	DConS16	Combination	Min	Y	0.00154	12	15	0	3.2
Story1	DConS17	Combination	Max	X	0.000576	7	0	8	3.2
Story1	DConS17	Combination	Min	X	0.000576	7	0	8	3.2
Story1	DConS18	Combination	Max	X	0.000491	16	30	4	3.2
Story1	DConS18	Combination	Min	X	0.000491	16	30	4	3.2
Story1	DConS19	Combination	Max	Y	0.001168	4	15	12	3.2
Story1	DConS19	Combination	Min	Y	0.001168	4	15	12	3.2
Story1	DConS20	Combination	Max	Y	0.001227	12	15	0	3.2
Story1	DConS20	Combination	Min	Y	0.001227	12	15	0	3.2
Story1	DCmpD1	Combination		Y	0.000781	12	15	0	3.2
Story1	DCmpD2	Combination		X	0.000127	16	30	4	3.2
Story1	DCmpD2	Combination		Y	0.001067	12	15	0	3.2
Story1	DCmpS1	Combination		Y	0.001093	12	15	0	3.2
Story1	DCmpS2	Combination		X	0.000182	16	30	4	3.2
Story1	DCmpS2	Combination		Y	0.001551	12	15	0	3.2
Story1	DCmpC1	Combination		Y	0.001093	12	15	0	3.2

Table 5.3 - Story Forces

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	Dead	LinStatic		Top	-994.6701	0	0	0	-5995.0338	14974.4107
Story2	Dead	LinStatic		Bottom	-438.0682	0	0	0	-2653.8434	6625.4901
Story2	Live	LinStatic		Top	-174.3693	0	0	0	-1046.9594	2620.6439
Story2	Live	LinStatic		Bottom	-0.0854	0	0	0	-1.2565	6.3866
Story2	WIND	LinStatic		Top	31.7736	0	1.774	26.6103	-27.0034	-492.1382

Table 5.3 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	WIND	LinStatic		Bottom	1.4845	0	41.1499	617.2489	15.0258	-37.8008
Story2	EQX	LinStatic	Max	Top	-0.0043	-35.7618	0	222.8504	-0.1107	99.3126
Story2	EQX	LinStatic	Max	Bottom	-0.0043	-35.7618	0	222.8504	-0.1107	-0.8205
Story2	EQX	LinStatic	Min	Top	-0.0043	-35.7618	0	222.8504	-0.1107	99.3126
Story2	EQX	LinStatic	Min	Bottom	-0.0043	-35.7618	0	222.8504	-0.1107	-0.8205
Story2	EQY	LinStatic	Max	Top	-1.2696	0	-34.2503	-513.7429	-112.5216	31.5057
Story2	EQY	LinStatic	Max	Bottom	-1.2696	0	-34.2503	-513.7429	-16.6207	31.5057
Story2	EQY	LinStatic	Min	Top	-1.2696	0	-34.2503	-513.7429	-112.5216	31.5057
Story2	EQY	LinStatic	Min	Bottom	-1.2696	0	-34.2503	-513.7429	-16.6207	31.5057
Story2	DSlbS1	Combination		Top	-1392.5381	0	0	0	-8393.0473	20964.1749
Story2	DSlbS1	Combination		Bottom	-613.2954	0	0	0	-3715.3807	9275.6861
Story2	DSlbS2	Combination		Top	-1671.5289	0	0	0	-10068.1824	25157.2052
Story2	DSlbS2	Combination		Bottom	-613.4321	0	0	0	-3717.3911	9285.9047
Story2	DSlbS3	Combination		Top	-1364.7188	0	2.1288	31.9323	-8482.796	20523.4997
Story2	DSlbS3	Combination		Bottom	-524.0029	0	49.3799	740.6986	-3168.089	7912.891
Story2	DSlbS4	Combination		Top	-1440.9756	0	-2.1288	-31.9323	-8417.9877	21704.6314
Story2	DSlbS4	Combination		Bottom	-527.5657	0	-49.3799	-740.6986	-3204.1508	8003.613
Story2	DSlbS5	Combination		Top	-1348.055	0	2.4836	37.2544	-8430.8521	20275.1814
Story2	DSlbS5	Combination		Bottom	-611.2172	0	57.6099	864.1484	-3694.3447	9222.765
Story2	DSlbS6	Combination		Top	-1437.0212	0	-2.4836	-37.2544	-8355.2425	21653.1684
Story2	DSlbS6	Combination		Bottom	-615.3737	0	-57.6099	-864.1484	-3736.4168	9328.6073
Story2	DSlbS7	Combination		Top	-950.187	0	2.4836	37.2544	-6032.8386	14285.4172
Story2	DSlbS7	Combination		Bottom	-435.9899	0	57.6099	864.1484	-2632.8073	6572.5689
Story2	DSlbS8	Combination		Top	-1039.1532	0	-2.4836	-37.2544	-5957.229	15663.4041
Story2	DSlbS8	Combination		Bottom	-440.1464	0	-57.6099	-864.1484	-2674.8794	6678.4113
Story2	DStlS1	Combination		Top	-1392.5381	0	0	0	-8393.0473	20964.1749
Story2	DStlS1	Combination		Bottom	-613.2954	0	0	0	-3715.3807	9275.6861
Story2	DStlS2	Combination		Top	-1671.5289	0	0	0	-10068.1824	25157.2052
Story2	DStlS2	Combination		Bottom	-613.4321	0	0	0	-3717.3911	9285.9047
Story2	DStlS3	Combination		Top	-1364.7188	0	2.1288	31.9323	-8482.796	20523.4997
Story2	DStlS3	Combination		Bottom	-524.0029	0	49.3799	740.6986	-3168.089	7912.891
Story2	DStlS4	Combination		Top	-1440.9756	0	-2.1288	-31.9323	-8417.9877	21704.6314
Story2	DStlS4	Combination		Bottom	-527.5657	0	-49.3799	-740.6986	-3204.1508	8003.613
Story2	DStlS5	Combination		Top	-1348.055	0	2.4836	37.2544	-8430.8521	20275.1814
Story2	DStlS5	Combination		Bottom	-611.2172	0	57.6099	864.1484	-3694.3447	9222.765
Story2	DStlS6	Combination		Top	-1437.0212	0	-2.4836	-37.2544	-8355.2425	21653.1684
Story2	DStlS6	Combination		Bottom	-615.3737	0	-57.6099	-864.1484	-3736.4168	9328.6073
Story2	DStlS7	Combination		Top	-950.187	0	2.4836	37.2544	-6032.8386	14285.4172
Story2	DStlS7	Combination		Bottom	-435.9899	0	57.6099	864.1484	-2632.8073	6572.5689
Story2	DStlS8	Combination		Top	-1039.1532	0	-2.4836	-37.2544	-5957.229	15663.4041
Story2	DStlS8	Combination		Bottom	-440.1464	0	-57.6099	-864.1484	-2674.8794	6678.4113
Story2	DStlS9	Combination	Max	Top	-1402.8523	-42.9142	0	267.4205	-8450.5247	21233.2407
Story2	DStlS9	Combination	Max	Bottom	-525.7894	-42.9142	0	267.4205	-3186.2527	7957.2674
Story2	DStlS9	Combination	Min	Top	-1402.8523	-42.9142	0	267.4205	-8450.5247	21233.2407
Story2	DStlS9	Combination	Min	Bottom	-525.7894	-42.9142	0	267.4205	-3186.2527	7957.2674
Story2	DStlS10	Combination	Max	Top	-1402.842	42.9142	0	-267.4205	-8450.259	20994.8904
Story2	DStlS10	Combination	Max	Bottom	-525.7792	42.9142	0	-267.4205	-3185.987	7959.2367
Story2	DStlS10	Combination	Min	Top	-1402.842	42.9142	0	-267.4205	-8450.259	20994.8904
Story2	DStlS10	Combination	Min	Bottom	-525.7792	42.9142	0	-267.4205	-3185.987	7959.2367

Table 5.3 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	DStlS11	Combination	Max	Top	-1404.3707	0	-41.1004	-616.4915	-8585.4178	21151.8723
Story2	DStlS11	Combination	Max	Bottom	-527.3078	0	-41.1004	-616.4915	-3206.0647	7996.0588
Story2	DStlS11	Combination	Min	Top	-1404.3707	0	-41.1004	-616.4915	-8585.4178	21151.8723
Story2	DStlS11	Combination	Min	Bottom	-527.3078	0	-41.1004	-616.4915	-3206.0647	7996.0588
Story2	DStlS12	Combination	Max	Top	-1401.3237	0	41.1004	616.4915	-8315.3659	21076.2587
Story2	DStlS12	Combination	Max	Bottom	-524.2608	0	41.1004	616.4915	-3166.175	7920.4452
Story2	DStlS12	Combination	Min	Top	-1401.3237	0	41.1004	616.4915	-8315.3659	21076.2587
Story2	DStlS12	Combination	Min	Bottom	-524.2608	0	41.1004	616.4915	-3166.175	7920.4452
Story2	DStlS13	Combination	Max	Top	-1392.5441	-50.0666	0	311.9906	-8393.2023	21103.2126
Story2	DStlS13	Combination	Max	Bottom	-613.3014	-50.0666	0	311.9906	-3715.5358	9274.5374
Story2	DStlS13	Combination	Min	Top	-1392.5441	-50.0666	0	311.9906	-8393.2023	21103.2126
Story2	DStlS13	Combination	Min	Bottom	-613.3014	-50.0666	0	311.9906	-3715.5358	9274.5374
Story2	DStlS14	Combination	Max	Top	-1392.5321	50.0666	0	-311.9906	-8392.8923	20825.1373
Story2	DStlS14	Combination	Max	Bottom	-613.2894	50.0666	0	-311.9906	-3715.2257	9276.8349
Story2	DStlS14	Combination	Min	Top	-1392.5321	50.0666	0	-311.9906	-8392.8923	20825.1373
Story2	DStlS14	Combination	Min	Bottom	-613.2894	50.0666	0	-311.9906	-3715.2257	9276.8349
Story2	DStlS15	Combination	Max	Top	-1394.3155	0	-47.9505	-719.2401	-8550.5776	21008.2829
Story2	DStlS15	Combination	Max	Bottom	-615.0728	0	-47.9505	-719.2401	-3738.6498	9319.7941
Story2	DStlS15	Combination	Min	Top	-1394.3155	0	-47.9505	-719.2401	-8550.5776	21008.2829
Story2	DStlS15	Combination	Min	Bottom	-615.0728	0	-47.9505	-719.2401	-3738.6498	9319.7941
Story2	DStlS16	Combination	Max	Top	-1390.7607	0	47.9505	719.2401	-8235.517	20920.067
Story2	DStlS16	Combination	Max	Bottom	-611.518	0	47.9505	719.2401	-3692.1117	9231.5782
Story2	DStlS16	Combination	Min	Top	-1390.7607	0	47.9505	719.2401	-8235.517	20920.067
Story2	DStlS16	Combination	Min	Bottom	-611.518	0	47.9505	719.2401	-3692.1117	9231.5782
Story2	DStlS17	Combination	Max	Top	-994.6761	-50.0666	0	311.9906	-5995.1888	15113.4483
Story2	DStlS17	Combination	Max	Bottom	-438.0742	-50.0666	0	311.9906	-2653.9984	6624.3413
Story2	DStlS17	Combination	Min	Top	-994.6761	-50.0666	0	311.9906	-5995.1888	15113.4483
Story2	DStlS17	Combination	Min	Bottom	-438.0742	-50.0666	0	311.9906	-2653.9984	6624.3413
Story2	DStlS18	Combination	Max	Top	-994.6641	50.0666	0	-311.9906	-5994.8788	14835.373
Story2	DStlS18	Combination	Max	Bottom	-438.0622	50.0666	0	-311.9906	-2653.6884	6626.6388
Story2	DStlS18	Combination	Min	Top	-994.6641	50.0666	0	-311.9906	-5994.8788	14835.373
Story2	DStlS18	Combination	Min	Bottom	-438.0622	50.0666	0	-311.9906	-2653.6884	6626.6388
Story2	DStlS19	Combination	Max	Top	-996.4475	0	-47.9505	-719.2401	-6152.564	15018.5186
Story2	DStlS19	Combination	Max	Bottom	-439.8456	0	-47.9505	-719.2401	-2677.1124	6669.598
Story2	DStlS19	Combination	Min	Top	-996.4475	0	-47.9505	-719.2401	-6152.564	15018.5186
Story2	DStlS19	Combination	Min	Bottom	-439.8456	0	-47.9505	-719.2401	-2677.1124	6669.598
Story2	DStlS20	Combination	Max	Top	-992.8927	0	47.9505	719.2401	-5837.5035	14930.3027
Story2	DStlS20	Combination	Max	Bottom	-436.2907	0	47.9505	719.2401	-2630.5744	6581.3822
Story2	DStlS20	Combination	Min	Top	-992.8927	0	47.9505	719.2401	-5837.5035	14930.3027
Story2	DStlS20	Combination	Min	Bottom	-436.2907	0	47.9505	719.2401	-2630.5744	6581.3822
Story2	DStlD1	Combination		Top	-994.6701	0	0	0	-5995.0338	14974.4107
Story2	DStlD1	Combination		Bottom	-438.0682	0	0	0	-2653.8434	6625.4901
Story2	DStlD2	Combination		Top	-1169.0393	0	0	0	-7041.9932	17595.0546
Story2	DStlD2	Combination		Bottom	-438.1536	0	0	0	-2655.0999	6631.8767
Story2	DConS1	Combination		Top	-1392.5381	0	0	0	-8393.0473	20964.1749
Story2	DConS1	Combination		Bottom	-613.2954	0	0	0	-3715.3807	9275.6861
Story2	DConS2	Combination		Top	-1671.5289	0	0	0	-10068.1824	25157.2052
Story2	DConS2	Combination		Bottom	-613.4321	0	0	0	-3717.3911	9285.9047
Story2	DConS3	Combination		Top	-1364.7188	0	2.1288	31.9323	-8482.796	20523.4997

Table 5.3 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	DConS3	Combination		Bottom	-524.0029	0	49.3799	740.6986	-3168.089	7912.891
Story2	DConS4	Combination		Top	-1440.9756	0	-2.1288	-31.9323	-8417.9877	21704.6314
Story2	DConS4	Combination		Bottom	-527.5657	0	-49.3799	-740.6986	-3204.1508	8003.613
Story2	DConS5	Combination		Top	-1348.055	0	2.4836	37.2544	-8430.8521	20275.1814
Story2	DConS5	Combination		Bottom	-611.2172	0	57.6099	864.1484	-3694.3447	9222.765
Story2	DConS6	Combination		Top	-1437.0212	0	-2.4836	-37.2544	-8355.2425	21653.1684
Story2	DConS6	Combination		Bottom	-615.3737	0	-57.6099	-864.1484	-3736.4168	9328.6073
Story2	DConS7	Combination		Top	-950.187	0	2.4836	37.2544	-6032.8386	14285.4172
Story2	DConS7	Combination		Bottom	-435.9899	0	57.6099	864.1484	-2632.8073	6572.5689
Story2	DConS8	Combination		Top	-1039.1532	0	-2.4836	-37.2544	-5957.229	15663.4041
Story2	DConS8	Combination		Bottom	-440.1464	0	-57.6099	-864.1484	-2674.8794	6678.4113
Story2	DConS9	Combination	Max	Top	-1402.8523	-42.9142	0	267.4205	-8450.5247	21233.2407
Story2	DConS9	Combination	Max	Bottom	-525.7894	-42.9142	0	267.4205	-3186.2527	7957.2674
Story2	DConS9	Combination	Min	Top	-1402.8523	-42.9142	0	267.4205	-8450.5247	21233.2407
Story2	DConS9	Combination	Min	Bottom	-525.7894	-42.9142	0	267.4205	-3186.2527	7957.2674
Story2	DConS10	Combination	Max	Top	-1402.842	42.9142	0	-267.4205	-8450.259	20994.8904
Story2	DConS10	Combination	Max	Bottom	-525.7792	42.9142	0	-267.4205	-3185.987	7959.2367
Story2	DConS10	Combination	Min	Top	-1402.842	42.9142	0	-267.4205	-8450.259	20994.8904
Story2	DConS10	Combination	Min	Bottom	-525.7792	42.9142	0	-267.4205	-3185.987	7959.2367
Story2	DConS11	Combination	Max	Top	-1404.3707	0	-41.1004	-616.4915	-8585.4178	21151.8723
Story2	DConS11	Combination	Max	Bottom	-527.3078	0	-41.1004	-616.4915	-3206.0647	7996.0588
Story2	DConS11	Combination	Min	Top	-1404.3707	0	-41.1004	-616.4915	-8585.4178	21151.8723
Story2	DConS11	Combination	Min	Bottom	-527.3078	0	-41.1004	-616.4915	-3206.0647	7996.0588
Story2	DConS12	Combination	Max	Top	-1401.3237	0	41.1004	616.4915	-8315.3659	21076.2587
Story2	DConS12	Combination	Max	Bottom	-524.2608	0	41.1004	616.4915	-3166.175	7920.4452
Story2	DConS12	Combination	Min	Top	-1401.3237	0	41.1004	616.4915	-8315.3659	21076.2587
Story2	DConS12	Combination	Min	Bottom	-524.2608	0	41.1004	616.4915	-3166.175	7920.4452
Story2	DConS13	Combination	Max	Top	-1392.5441	-50.0666	0	311.9906	-8393.2023	21103.2126
Story2	DConS13	Combination	Max	Bottom	-613.3014	-50.0666	0	311.9906	-3715.5358	9274.5374
Story2	DConS13	Combination	Min	Top	-1392.5441	-50.0666	0	311.9906	-8393.2023	21103.2126
Story2	DConS13	Combination	Min	Bottom	-613.3014	-50.0666	0	311.9906	-3715.5358	9274.5374
Story2	DConS14	Combination	Max	Top	-1392.5321	50.0666	0	-311.9906	-8392.8923	20825.1373
Story2	DConS14	Combination	Max	Bottom	-613.2894	50.0666	0	-311.9906	-3715.2257	9276.8349
Story2	DConS14	Combination	Min	Top	-1392.5321	50.0666	0	-311.9906	-8392.8923	20825.1373
Story2	DConS14	Combination	Min	Bottom	-613.2894	50.0666	0	-311.9906	-3715.2257	9276.8349
Story2	DConS15	Combination	Max	Top	-1394.3155	0	-47.9505	-719.2401	-8550.5776	21008.2829
Story2	DConS15	Combination	Max	Bottom	-615.0728	0	-47.9505	-719.2401	-3738.6498	9319.7941
Story2	DConS15	Combination	Min	Top	-1394.3155	0	-47.9505	-719.2401	-8550.5776	21008.2829
Story2	DConS15	Combination	Min	Bottom	-615.0728	0	-47.9505	-719.2401	-3738.6498	9319.7941
Story2	DConS16	Combination	Max	Top	-1390.7607	0	47.9505	719.2401	-8235.517	20920.067
Story2	DConS16	Combination	Max	Bottom	-611.518	0	47.9505	719.2401	-3692.1117	9231.5782
Story2	DConS16	Combination	Min	Top	-1390.7607	0	47.9505	719.2401	-8235.517	20920.067
Story2	DConS16	Combination	Min	Bottom	-611.518	0	47.9505	719.2401	-3692.1117	9231.5782
Story2	DConS17	Combination	Max	Top	-994.6761	-50.0666	0	311.9906	-5995.1888	15113.4483
Story2	DConS17	Combination	Max	Bottom	-438.0742	-50.0666	0	311.9906	-2653.9984	6624.3413
Story2	DConS17	Combination	Min	Top	-994.6761	-50.0666	0	311.9906	-5995.1888	15113.4483
Story2	DConS17	Combination	Min	Bottom	-438.0742	-50.0666	0	311.9906	-2653.9984	6624.3413
Story2	DConS18	Combination	Max	Top	-994.6641	50.0666	0	-311.9906	-5994.8788	14835.373
Story2	DConS18	Combination	Max	Bottom	-438.0622	50.0666	0	-311.9906	-2653.6884	6626.6388

Table 5.3 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story2	DConS18	Combination	Min	Top	-994.6641	50.0666	0	-311.9906	-5994.8788	14835.373
Story2	DConS18	Combination	Min	Bottom	-438.0622	50.0666	0	-311.9906	-2653.6884	6626.6388
Story2	DConS19	Combination	Max	Top	-996.4475	0	-47.9505	-719.2401	-6152.564	15018.5186
Story2	DConS19	Combination	Max	Bottom	-439.8456	0	-47.9505	-719.2401	-2677.1124	6669.598
Story2	DConS19	Combination	Min	Top	-996.4475	0	-47.9505	-719.2401	-6152.564	15018.5186
Story2	DConS19	Combination	Min	Bottom	-439.8456	0	-47.9505	-719.2401	-2677.1124	6669.598
Story2	DConS20	Combination	Max	Top	-992.8927	0	47.9505	719.2401	-5837.5035	14930.3027
Story2	DConS20	Combination	Max	Bottom	-436.2907	0	47.9505	719.2401	-2630.5744	6581.3822
Story2	DConS20	Combination	Min	Top	-992.8927	0	47.9505	719.2401	-5837.5035	14930.3027
Story2	DConS20	Combination	Min	Bottom	-436.2907	0	47.9505	719.2401	-2630.5744	6581.3822
Story2	DCmpD1	Combination		Top	-994.6701	0	0	0	-5995.0338	14974.4107
Story2	DCmpD1	Combination		Bottom	-438.0682	0	0	0	-2653.8434	6625.4901
Story2	DCmpD2	Combination		Top	-1169.0393	0	0	0	-7041.9932	17595.0546
Story2	DCmpD2	Combination		Bottom	-438.1536	0	0	0	-2655.0999	6631.8767
Story2	DCmpS1	Combination		Top	-1392.5381	0	0	0	-8393.0473	20964.1749
Story2	DCmpS1	Combination		Bottom	-613.2954	0	0	0	-3715.3807	9275.6861
Story2	DCmpS2	Combination		Top	-1671.5289	0	0	0	-10068.1824	25157.2052
Story2	DCmpS2	Combination		Bottom	-613.4321	0	0	0	-3717.3911	9285.9047
Story2	DCmpC1	Combination		Top	-1392.5381	0	0	0	-8393.0473	20964.1749
Story2	DCmpC1	Combination		Bottom	-613.2954	0	0	0	-3715.3807	9275.6861
Story1	Dead	LinStatic		Top	1018.4581	0	0	0	6179.9882	-15596.1785
Story1	Dead	LinStatic		Bottom	1113.4301	0	0	0	6759.8169	-17070.743
Story1	Live	LinStatic		Top	-0.0854	0	0	0	-1.2565	6.3866
Story1	Live	LinStatic		Bottom	-0.0854	0	0	0	-1.2565	6.3866
Story1	WIND	LinStatic		Top	1.4845	0	41.1499	617.2489	15.0258	-37.8008
Story1	WIND	LinStatic		Bottom	1.4845	0	41.1499	617.2489	-116.654	-37.8008
Story1	EQX	LinStatic	Max	Top	-0.0043	-38.2747	0	238.4464	-0.1107	-0.8205
Story1	EQX	LinStatic	Max	Bottom	-0.0043	-38.2747	0	238.4464	-0.1107	-123.2994
Story1	EQX	LinStatic	Min	Top	-0.0043	-38.2747	0	238.4464	-0.1107	-0.8205
Story1	EQX	LinStatic	Min	Bottom	-0.0043	-38.2747	0	238.4464	-0.1107	-123.2994
Story1	EQY	LinStatic	Max	Top	-1.2696	0	-36.6569	-558.3824	-16.6207	31.5057
Story1	EQY	LinStatic	Max	Bottom	-1.2696	0	-36.6569	-558.3824	100.6815	31.5057
Story1	EQY	LinStatic	Min	Top	-1.2696	0	-36.6569	-558.3824	-16.6207	31.5057
Story1	EQY	LinStatic	Min	Bottom	-1.2696	0	-36.6569	-558.3824	100.6815	31.5057
Story1	DSlbS1	Combination		Top	1425.8414	0	0	0	8651.9835	-21834.65
Story1	DSlbS1	Combination		Bottom	1558.8021	0	0	0	9463.7437	-23899.0402
Story1	DSlbS2	Combination		Top	1425.7047	0	0	0	8649.9731	-21824.4314
Story1	DSlbS2	Combination		Bottom	1558.6654	0	0	0	9461.7333	-23888.8216
Story1	DSlbS3	Combination		Top	1223.8286	0	49.3799	740.6986	7432.509	-18753.1113
Story1	DSlbS3	Combination		Bottom	1337.7949	0	49.3799	740.6986	7970.2877	-20522.5887
Story1	DSlbS4	Combination		Top	1220.2658	0	-49.3799	-740.6986	7396.4472	-18662.3893
Story1	DSlbS4	Combination		Bottom	1334.2322	0	-49.3799	-740.6986	8250.2573	-20431.8667
Story1	DSlbS5	Combination		Top	1427.9196	0	57.6099	864.1484	8673.0195	-21887.5711
Story1	DSlbS5	Combination		Bottom	1560.8804	0	57.6099	864.1484	9300.4281	-23951.9614
Story1	DSlbS6	Combination		Top	1423.7631	0	-57.6099	-864.1484	8630.9474	-21781.7288
Story1	DSlbS6	Combination		Bottom	1556.7238	0	-57.6099	-864.1484	9627.0593	-23846.119
Story1	DSlbS7	Combination		Top	1020.5364	0	57.6099	864.1484	6201.0243	-15649.0997
Story1	DSlbS7	Combination		Bottom	1115.5083	0	57.6099	864.1484	6596.5013	-17123.6642
Story1	DSlbS8	Combination		Top	1016.3798	0	-57.6099	-864.1484	6158.9521	-15543.2574

Table 5.3 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	DSIbS8	Combination		Bottom	1111.3518	0	-57.6099	-864.1484	6923.1325	-17017.8218
Story1	DStIS1	Combination		Top	1425.8414	0	0	0	8651.9835	-21834.65
Story1	DStIS1	Combination		Bottom	1558.8021	0	0	0	9463.7437	-23899.0402
Story1	DStIS2	Combination		Top	1425.7047	0	0	0	8649.9731	-21824.4314
Story1	DStIS2	Combination		Bottom	1558.6654	0	0	0	9461.7333	-23888.8216
Story1	DStIS3	Combination		Top	1223.8286	0	49.3799	740.6986	7432.509	-18753.1113
Story1	DStIS3	Combination		Bottom	1337.7949	0	49.3799	740.6986	7970.2877	-20522.5887
Story1	DStIS4	Combination		Top	1220.2658	0	-49.3799	-740.6986	7396.4472	-18662.3893
Story1	DStIS4	Combination		Bottom	1334.2322	0	-49.3799	-740.6986	8250.2573	-20431.8667
Story1	DStIS5	Combination		Top	1427.9196	0	57.6099	864.1484	8673.0195	-21887.5711
Story1	DStIS5	Combination		Bottom	1560.8804	0	57.6099	864.1484	9300.4281	-23951.9614
Story1	DStIS6	Combination		Top	1423.7631	0	-57.6099	-864.1484	8630.9474	-21781.7288
Story1	DStIS6	Combination		Bottom	1556.7238	0	-57.6099	-864.1484	9627.0593	-23846.119
Story1	DStIS7	Combination		Top	1020.5364	0	57.6099	864.1484	6201.0243	-15649.0997
Story1	DStIS7	Combination		Bottom	1115.5083	0	57.6099	864.1484	6596.5013	-17123.6642
Story1	DStIS8	Combination		Top	1016.3798	0	-57.6099	-864.1484	6158.9521	-15543.2574
Story1	DStIS8	Combination		Bottom	1111.3518	0	-57.6099	-864.1484	6923.1325	-17017.8218
Story1	DStIS9	Combination	Max	Top	1222.0421	-45.9296	0	286.1357	7414.3452	-18708.735
Story1	DStIS9	Combination	Max	Bottom	1336.0084	-45.9296	0	286.1357	8110.1396	-20625.187
Story1	DStIS9	Combination	Min	Top	1222.0421	-45.9296	0	286.1357	7414.3452	-18708.735
Story1	DStIS9	Combination	Min	Bottom	1336.0084	-45.9296	0	286.1357	8110.1396	-20625.187
Story1	DStIS10	Combination	Max	Top	1222.0524	45.9296	0	-286.1357	7414.6109	-18706.7657
Story1	DStIS10	Combination	Max	Bottom	1336.0187	45.9296	0	-286.1357	8110.4054	-20329.2683
Story1	DStIS10	Combination	Min	Top	1222.0524	45.9296	0	-286.1357	7414.6109	-18706.7657
Story1	DStIS10	Combination	Min	Bottom	1336.0187	45.9296	0	-286.1357	8110.4054	-20329.2683
Story1	DStIS11	Combination	Max	Top	1220.5237	0	-43.9883	-670.0588	7394.5332	-18669.9435
Story1	DStIS11	Combination	Max	Bottom	1334.4901	0	-43.9883	-670.0588	8231.0903	-20439.4209
Story1	DStIS11	Combination	Min	Top	1220.5237	0	-43.9883	-670.0588	7394.5332	-18669.9435
Story1	DStIS11	Combination	Min	Bottom	1334.4901	0	-43.9883	-670.0588	8231.0903	-20439.4209
Story1	DStIS12	Combination	Max	Top	1223.5707	0	43.9883	670.0588	7434.4229	-18745.5571
Story1	DStIS12	Combination	Max	Bottom	1337.5371	0	43.9883	670.0588	7989.4548	-20515.0345
Story1	DStIS12	Combination	Min	Top	1223.5707	0	43.9883	670.0588	7434.4229	-18745.5571
Story1	DStIS12	Combination	Min	Bottom	1337.5371	0	43.9883	670.0588	7989.4548	-20515.0345
Story1	DStIS13	Combination	Max	Top	1425.8354	-53.5845	0	333.825	8651.8285	-21835.7987
Story1	DStIS13	Combination	Max	Bottom	1558.7961	-53.5845	0	333.825	9463.5887	-24071.6594
Story1	DStIS13	Combination	Min	Top	1425.8354	-53.5845	0	333.825	8651.8285	-21835.7987
Story1	DStIS13	Combination	Min	Bottom	1558.7961	-53.5845	0	333.825	9463.5887	-24071.6594
Story1	DStIS14	Combination	Max	Top	1425.8474	53.5845	0	-333.825	8652.1385	-21833.5012
Story1	DStIS14	Combination	Max	Bottom	1558.8081	53.5845	0	-333.825	9463.8987	-23726.421
Story1	DStIS14	Combination	Min	Top	1425.8474	53.5845	0	-333.825	8652.1385	-21833.5012
Story1	DStIS14	Combination	Min	Bottom	1558.8081	53.5845	0	-333.825	9463.8987	-23726.421
Story1	DStIS15	Combination	Max	Top	1424.0639	0	-51.3197	-781.7353	8628.7145	-21790.542
Story1	DStIS15	Combination	Max	Bottom	1557.0247	0	-51.3197	-781.7353	9604.6977	-23854.9323
Story1	DStIS15	Combination	Min	Top	1424.0639	0	-51.3197	-781.7353	8628.7145	-21790.542
Story1	DStIS15	Combination	Min	Bottom	1557.0247	0	-51.3197	-781.7353	9604.6977	-23854.9323
Story1	DStIS16	Combination	Max	Top	1427.6188	0	51.3197	781.7353	8675.2525	-21878.7579
Story1	DStIS16	Combination	Max	Bottom	1560.5795	0	51.3197	781.7353	9322.7897	-23943.1481
Story1	DStIS16	Combination	Min	Top	1427.6188	0	51.3197	781.7353	8675.2525	-21878.7579
Story1	DStIS16	Combination	Min	Bottom	1560.5795	0	51.3197	781.7353	9322.7897	-23943.1481

Table 5.3 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	DStIS17	Combination	Max	Top	1018.4521	-53.5845	0	333.825	6179.8332	-15597.3273
Story1	DStIS17	Combination	Max	Bottom	1113.4241	-53.5845	0	333.825	6759.6619	-17243.3622
Story1	DStIS17	Combination	Min	Top	1018.4521	-53.5845	0	333.825	6179.8332	-15597.3273
Story1	DStIS17	Combination	Min	Bottom	1113.4241	-53.5845	0	333.825	6759.6619	-17243.3622
Story1	DStIS18	Combination	Max	Top	1018.4641	53.5845	0	-333.825	6180.1432	-15595.0298
Story1	DStIS18	Combination	Max	Bottom	1113.4361	53.5845	0	-333.825	6759.972	-16898.1238
Story1	DStIS18	Combination	Min	Top	1018.4641	53.5845	0	-333.825	6180.1432	-15595.0298
Story1	DStIS18	Combination	Min	Bottom	1113.4361	53.5845	0	-333.825	6759.972	-16898.1238
Story1	DStIS19	Combination	Max	Top	1016.6807	0	-51.3197	-781.7353	6156.7192	-15552.0706
Story1	DStIS19	Combination	Max	Bottom	1111.6526	0	-51.3197	-781.7353	6900.771	-17026.6351
Story1	DStIS19	Combination	Min	Top	1016.6807	0	-51.3197	-781.7353	6156.7192	-15552.0706
Story1	DStIS19	Combination	Min	Bottom	1111.6526	0	-51.3197	-781.7353	6900.771	-17026.6351
Story1	DStIS20	Combination	Max	Top	1020.2355	0	51.3197	781.7353	6203.2572	-15640.2865
Story1	DStIS20	Combination	Max	Bottom	1115.2075	0	51.3197	781.7353	6618.8629	-17114.8509
Story1	DStIS20	Combination	Min	Top	1020.2355	0	51.3197	781.7353	6203.2572	-15640.2865
Story1	DStIS20	Combination	Min	Bottom	1115.2075	0	51.3197	781.7353	6618.8629	-17114.8509
Story1	DStID1	Combination		Top	1018.4581	0	0	0	6179.9882	-15596.1785
Story1	DStID1	Combination		Bottom	1113.4301	0	0	0	6759.8169	-17070.743
Story1	DStID2	Combination		Top	1018.3727	0	0	0	6178.7317	-15589.7919
Story1	DStID2	Combination		Bottom	1113.3446	0	0	0	6758.5604	-17064.3564
Story1	DConS1	Combination		Top	1425.8414	0	0	0	8651.9835	-21834.65
Story1	DConS1	Combination		Bottom	1558.8021	0	0	0	9463.7437	-23899.0402
Story1	DConS2	Combination		Top	1425.7047	0	0	0	8649.9731	-21824.4314
Story1	DConS2	Combination		Bottom	1558.6654	0	0	0	9461.7333	-23888.8216
Story1	DConS3	Combination		Top	1223.8286	0	49.3799	740.6986	7432.509	-18753.1113
Story1	DConS3	Combination		Bottom	1337.7949	0	49.3799	740.6986	7970.2877	-20522.5887
Story1	DConS4	Combination		Top	1220.2658	0	-49.3799	-740.6986	7396.4472	-18662.3893
Story1	DConS4	Combination		Bottom	1334.2322	0	-49.3799	-740.6986	8250.2573	-20431.8667
Story1	DConS5	Combination		Top	1427.9196	0	57.6099	864.1484	8673.0195	-21887.5711
Story1	DConS5	Combination		Bottom	1560.8804	0	57.6099	864.1484	9300.4281	-23951.9614
Story1	DConS6	Combination		Top	1423.7631	0	-57.6099	-864.1484	8630.9474	-21781.7288
Story1	DConS6	Combination		Bottom	1556.7238	0	-57.6099	-864.1484	9627.0593	-23846.119
Story1	DConS7	Combination		Top	1020.5364	0	57.6099	864.1484	6201.0243	-15649.0997
Story1	DConS7	Combination		Bottom	1115.5083	0	57.6099	864.1484	6596.5013	-17123.6642
Story1	DConS8	Combination		Top	1016.3798	0	-57.6099	-864.1484	6158.9521	-15543.2574
Story1	DConS8	Combination		Bottom	1111.3518	0	-57.6099	-864.1484	6923.1325	-17017.8218
Story1	DConS9	Combination	Max	Top	1222.0421	-45.9296	0	286.1357	7414.3452	-18708.735
Story1	DConS9	Combination	Max	Bottom	1336.0084	-45.9296	0	286.1357	8110.1396	-20625.187
Story1	DConS9	Combination	Min	Top	1222.0421	-45.9296	0	286.1357	7414.3452	-18708.735
Story1	DConS9	Combination	Min	Bottom	1336.0084	-45.9296	0	286.1357	8110.1396	-20625.187
Story1	DConS10	Combination	Max	Top	1222.0524	45.9296	0	-286.1357	7414.6109	-18706.7657
Story1	DConS10	Combination	Max	Bottom	1336.0187	45.9296	0	-286.1357	8110.4054	-20329.2683
Story1	DConS10	Combination	Min	Top	1222.0524	45.9296	0	-286.1357	7414.6109	-18706.7657
Story1	DConS10	Combination	Min	Bottom	1336.0187	45.9296	0	-286.1357	8110.4054	-20329.2683
Story1	DConS11	Combination	Max	Top	1220.5237	0	-43.9883	-670.0588	7394.5332	-18669.9435
Story1	DConS11	Combination	Max	Bottom	1334.4901	0	-43.9883	-670.0588	8231.0903	-20439.4209
Story1	DConS11	Combination	Min	Top	1220.5237	0	-43.9883	-670.0588	7394.5332	-18669.9435
Story1	DConS11	Combination	Min	Bottom	1334.4901	0	-43.9883	-670.0588	8231.0903	-20439.4209
Story1	DConS12	Combination	Max	Top	1223.5707	0	43.9883	670.0588	7434.4229	-18745.5571

Table 5.3 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	DConS12	Combination	Max	Bottom	1337.5371	0	43.9883	670.0588	7989.4548	-20515.0345
Story1	DConS12	Combination	Min	Top	1223.5707	0	43.9883	670.0588	7434.4229	-18745.5571
Story1	DConS12	Combination	Min	Bottom	1337.5371	0	43.9883	670.0588	7989.4548	-20515.0345
Story1	DConS13	Combination	Max	Top	1425.8354	-53.5845	0	333.825	8651.8285	-21835.7987
Story1	DConS13	Combination	Max	Bottom	1558.7961	-53.5845	0	333.825	9463.5887	-24071.6594
Story1	DConS13	Combination	Min	Top	1425.8354	-53.5845	0	333.825	8651.8285	-21835.7987
Story1	DConS13	Combination	Min	Bottom	1558.7961	-53.5845	0	333.825	9463.5887	-24071.6594
Story1	DConS14	Combination	Max	Top	1425.8474	53.5845	0	-333.825	8652.1385	-21833.5012
Story1	DConS14	Combination	Max	Bottom	1558.8081	53.5845	0	-333.825	9463.8987	-23726.421
Story1	DConS14	Combination	Min	Top	1425.8474	53.5845	0	-333.825	8652.1385	-21833.5012
Story1	DConS14	Combination	Min	Bottom	1558.8081	53.5845	0	-333.825	9463.8987	-23726.421
Story1	DConS15	Combination	Max	Top	1424.0639	0	-51.3197	-781.7353	8628.7145	-21790.542
Story1	DConS15	Combination	Max	Bottom	1557.0247	0	-51.3197	-781.7353	9604.6977	-23854.9323
Story1	DConS15	Combination	Min	Top	1424.0639	0	-51.3197	-781.7353	8628.7145	-21790.542
Story1	DConS15	Combination	Min	Bottom	1557.0247	0	-51.3197	-781.7353	9604.6977	-23854.9323
Story1	DConS16	Combination	Max	Top	1427.6188	0	51.3197	781.7353	8675.2525	-21878.7579
Story1	DConS16	Combination	Max	Bottom	1560.5795	0	51.3197	781.7353	9322.7897	-23943.1481
Story1	DConS16	Combination	Min	Top	1427.6188	0	51.3197	781.7353	8675.2525	-21878.7579
Story1	DConS16	Combination	Min	Bottom	1560.5795	0	51.3197	781.7353	9322.7897	-23943.1481
Story1	DConS17	Combination	Max	Top	1018.4521	-53.5845	0	333.825	6179.8332	-15597.3273
Story1	DConS17	Combination	Max	Bottom	1113.4241	-53.5845	0	333.825	6759.6619	-17243.3622
Story1	DConS17	Combination	Min	Top	1018.4521	-53.5845	0	333.825	6179.8332	-15597.3273
Story1	DConS17	Combination	Min	Bottom	1113.4241	-53.5845	0	333.825	6759.6619	-17243.3622
Story1	DConS18	Combination	Max	Top	1018.4641	53.5845	0	-333.825	6180.1432	-15595.0298
Story1	DConS18	Combination	Max	Bottom	1113.4361	53.5845	0	-333.825	6759.972	-16898.1238
Story1	DConS18	Combination	Min	Top	1018.4641	53.5845	0	-333.825	6180.1432	-15595.0298
Story1	DConS18	Combination	Min	Bottom	1113.4361	53.5845	0	-333.825	6759.972	-16898.1238
Story1	DConS19	Combination	Max	Top	1016.6807	0	-51.3197	-781.7353	6156.7192	-15552.0706
Story1	DConS19	Combination	Max	Bottom	1111.6526	0	-51.3197	-781.7353	6900.771	-17026.6351
Story1	DConS19	Combination	Min	Top	1016.6807	0	-51.3197	-781.7353	6156.7192	-15552.0706
Story1	DConS19	Combination	Min	Bottom	1111.6526	0	-51.3197	-781.7353	6900.771	-17026.6351
Story1	DConS20	Combination	Max	Top	1020.2355	0	51.3197	781.7353	6203.2572	-15640.2865
Story1	DConS20	Combination	Max	Bottom	1115.2075	0	51.3197	781.7353	6618.8629	-17114.8509
Story1	DConS20	Combination	Min	Top	1020.2355	0	51.3197	781.7353	6203.2572	-15640.2865
Story1	DConS20	Combination	Min	Bottom	1115.2075	0	51.3197	781.7353	6618.8629	-17114.8509
Story1	DCmpD1	Combination		Top	1018.4581	0	0	0	6179.9882	-15596.1785
Story1	DCmpD1	Combination		Bottom	1113.4301	0	0	0	6759.8169	-17070.743
Story1	DCmpD2	Combination		Top	1018.3727	0	0	0	6178.7317	-15589.7919
Story1	DCmpD2	Combination		Bottom	1113.3446	0	0	0	6758.5604	-17064.3564
Story1	DCmpS1	Combination		Top	1425.8414	0	0	0	8651.9835	-21834.65
Story1	DCmpS1	Combination		Bottom	1558.8021	0	0	0	9463.7437	-23899.0402
Story1	DCmpS2	Combination		Top	1425.7047	0	0	0	8649.9731	-21824.4314
Story1	DCmpS2	Combination		Bottom	1558.6654	0	0	0	9461.7333	-23888.8216
Story1	DCmpC1	Combination		Top	1425.8414	0	0	0	8651.9835	-21834.65
Story1	DCmpC1	Combination		Bottom	1558.8021	0	0	0	9463.7437	-23899.0402

5.3 Point Results

Table 5.4 - Joint Reactions

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	1	1	Dead	LinStatic		0	0	113.8363	0	0	0
Story2	1	1	Live	LinStatic		0	0	16.8872	0	0	0
Story2	1	1	WIND	LinStatic		0	0	-9.1468	0	0	0
Story2	1	1	EQX	LinStatic	Max	0	0	-2.1307	0	0	0
Story2	1	1	EQX	LinStatic	Min	0	0	-2.1307	0	0	0
Story2	1	1	EQY	LinStatic	Max	0	0	5.1113	0	0	0
Story2	1	1	EQY	LinStatic	Min	0	0	5.1113	0	0	0
Story2	1	1	DSIbS1	Combination		0	0	159.3708	0	0	0
Story2	1	1	DSIbS2	Combination		0	0	186.3903	0	0	0
Story2	1	1	DSIbS3	Combination		0	0	145.8919	0	0	0
Story2	1	1	DSIbS4	Combination		0	0	167.8444	0	0	0
Story2	1	1	DSIbS5	Combination		0	0	146.5652	0	0	0
Story2	1	1	DSIbS6	Combination		0	0	172.1764	0	0	0
Story2	1	1	DSIbS7	Combination		0	0	101.0307	0	0	0
Story2	1	1	DSIbS8	Combination		0	0	126.6419	0	0	0
Story2	1	1	DStIS1	Combination		0	0	159.3708	0	0	0
Story2	1	1	DStIS2	Combination		0	0	186.3903	0	0	0
Story2	1	1	DStIS3	Combination		0	0	145.8919	0	0	0
Story2	1	1	DStIS4	Combination		0	0	167.8444	0	0	0
Story2	1	1	DStIS5	Combination		0	0	146.5652	0	0	0
Story2	1	1	DStIS6	Combination		0	0	172.1764	0	0	0
Story2	1	1	DStIS7	Combination		0	0	101.0307	0	0	0
Story2	1	1	DStIS8	Combination		0	0	126.6419	0	0	0
Story2	1	1	DStIS9	Combination	Max	0	0	154.3113	0	0	0
Story2	1	1	DStIS9	Combination	Min	0	0	154.3113	0	0	0
Story2	1	1	DStIS10	Combination	Max	0	0	159.425	0	0	0
Story2	1	1	DStIS10	Combination	Min	0	0	159.425	0	0	0
Story2	1	1	DStIS11	Combination	Max	0	0	163.0017	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	1	1	DStIS11	Combination	Min	0	0	163.0017	0	0	0
Story2	1	1	DStIS12	Combination	Max	0	0	150.7346	0	0	0
Story2	1	1	DStIS12	Combination	Min	0	0	150.7346	0	0	0
Story2	1	1	DStIS13	Combination	Max	0	0	156.3878	0	0	0
Story2	1	1	DStIS13	Combination	Min	0	0	156.3878	0	0	0
Story2	1	1	DStIS14	Combination	Max	0	0	162.3538	0	0	0
Story2	1	1	DStIS14	Combination	Min	0	0	162.3538	0	0	0
Story2	1	1	DStIS15	Combination	Max	0	0	166.5267	0	0	0
Story2	1	1	DStIS15	Combination	Min	0	0	166.5267	0	0	0
Story2	1	1	DStIS16	Combination	Max	0	0	152.215	0	0	0
Story2	1	1	DStIS16	Combination	Min	0	0	152.215	0	0	0
Story2	1	1	DStIS17	Combination	Max	0	0	110.8533	0	0	0
Story2	1	1	DStIS17	Combination	Min	0	0	110.8533	0	0	0
Story2	1	1	DStIS18	Combination	Max	0	0	116.8193	0	0	0
Story2	1	1	DStIS18	Combination	Min	0	0	116.8193	0	0	0
Story2	1	1	DStIS19	Combination	Max	0	0	120.9922	0	0	0
Story2	1	1	DStIS19	Combination	Min	0	0	120.9922	0	0	0
Story2	1	1	DStIS20	Combination	Max	0	0	106.6804	0	0	0
Story2	1	1	DStIS20	Combination	Min	0	0	106.6804	0	0	0
Story2	1	1	DStID1	Combination		0	0	113.8363	0	0	0
Story2	1	1	DStID2	Combination		0	0	130.7235	0	0	0
Story2	1	1	DConS1	Combination		0	0	159.3708	0	0	0
Story2	1	1	DConS2	Combination		0	0	186.3903	0	0	0
Story2	1	1	DConS3	Combination		0	0	145.8919	0	0	0
Story2	1	1	DConS4	Combination		0	0	167.8444	0	0	0
Story2	1	1	DConS5	Combination		0	0	146.5652	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	1	1	DConS6	Combination		0	0	172.1764	0	0	0
Story2	1	1	DConS7	Combination		0	0	101.0307	0	0	0
Story2	1	1	DConS8	Combination		0	0	126.6419	0	0	0
Story2	1	1	DConS9	Combination	Max	0	0	154.3113	0	0	0
Story2	1	1	DConS9	Combination	Min	0	0	154.3113	0	0	0
Story2	1	1	DConS10	Combination	Max	0	0	159.425	0	0	0
Story2	1	1	DConS10	Combination	Min	0	0	159.425	0	0	0
Story2	1	1	DConS11	Combination	Max	0	0	163.0017	0	0	0
Story2	1	1	DConS11	Combination	Min	0	0	163.0017	0	0	0
Story2	1	1	DConS12	Combination	Max	0	0	150.7346	0	0	0
Story2	1	1	DConS12	Combination	Min	0	0	150.7346	0	0	0
Story2	1	1	DConS13	Combination	Max	0	0	156.3878	0	0	0
Story2	1	1	DConS13	Combination	Min	0	0	156.3878	0	0	0
Story2	1	1	DConS14	Combination	Max	0	0	162.3538	0	0	0
Story2	1	1	DConS14	Combination	Min	0	0	162.3538	0	0	0
Story2	1	1	DConS15	Combination	Max	0	0	166.5267	0	0	0
Story2	1	1	DConS15	Combination	Min	0	0	166.5267	0	0	0
Story2	1	1	DConS16	Combination	Max	0	0	152.215	0	0	0
Story2	1	1	DConS16	Combination	Min	0	0	152.215	0	0	0
Story2	1	1	DConS17	Combination	Max	0	0	110.8533	0	0	0
Story2	1	1	DConS17	Combination	Min	0	0	110.8533	0	0	0
Story2	1	1	DConS18	Combination	Max	0	0	116.8193	0	0	0
Story2	1	1	DConS18	Combination	Min	0	0	116.8193	0	0	0
Story2	1	1	DConS19	Combination	Max	0	0	120.9922	0	0	0
Story2	1	1	DConS19	Combination	Min	0	0	120.9922	0	0	0
Story2	1	1	DConS20	Combination	Max	0	0	106.6804	0	0	0
Story2	1	1	DConS20	Combination	Min	0	0	106.6804	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	1	1	DCmpD1	Combination		0	0	113.8363	0	0	0
Story2	1	1	DCmpD2	Combination		0	0	130.7235	0	0	0
Story2	1	1	DCmpS1	Combination		0	0	159.3708	0	0	0
Story2	1	1	DCmpS2	Combination		0	0	186.3903	0	0	0
Story2	1	1	DCmpC1	Combination		0	0	159.3708	0	0	0
Story2	2	2	Dead	LinStatic		0	0	73.9204	0	0	0
Story2	2	2	Live	LinStatic		0	0	4.7307	0	0	0
Story2	2	2	WIND	LinStatic		0	0	2.2185	0	0	0
Story2	2	2	EQX	LinStatic	Max	0	0	0.0577	0	0	0
Story2	2	2	EQX	LinStatic	Min	0	0	0.0577	0	0	0
Story2	2	2	EQY	LinStatic	Max	0	0	-0.106	0	0	0
Story2	2	2	EQY	LinStatic	Min	0	0	-0.106	0	0	0
Story2	2	2	DSlbS1	Combination		0	0	103.4885	0	0	0
Story2	2	2	DSlbS2	Combination		0	0	111.0576	0	0	0
Story2	2	2	DSlbS3	Combination		0	0	97.0435	0	0	0
Story2	2	2	DSlbS4	Combination		0	0	91.7191	0	0	0
Story2	2	2	DSlbS5	Combination		0	0	106.5944	0	0	0
Story2	2	2	DSlbS6	Combination		0	0	100.3826	0	0	0
Story2	2	2	DSlbS7	Combination		0	0	77.0263	0	0	0
Story2	2	2	DSlbS8	Combination		0	0	70.8145	0	0	0
Story2	2	2	DStlS1	Combination		0	0	103.4885	0	0	0
Story2	2	2	DStlS2	Combination		0	0	111.0576	0	0	0
Story2	2	2	DStlS3	Combination		0	0	97.0435	0	0	0
Story2	2	2	DStlS4	Combination		0	0	91.7191	0	0	0
Story2	2	2	DStlS5	Combination		0	0	106.5944	0	0	0
Story2	2	2	DStlS6	Combination		0	0	100.3826	0	0	0
Story2	2	2	DStlS7	Combination		0	0	77.0263	0	0	0
Story2	2	2	DStlS8	Combination		0	0	70.8145	0	0	0
Story2	2	2	DStlS9	Combination	Max	0	0	94.4505	0	0	0
Story2	2	2	DStlS9	Combination	Min	0	0	94.4505	0	0	0
Story2	2	2	DStlS10	Combination	Max	0	0	94.3121	0	0	0
Story2	2	2	DStlS10	Combination	Min	0	0	94.3121	0	0	0
Story2	2	2	DStlS11	Combination	Max	0	0	94.254	0	0	0
Story2	2	2	DStlS11	Combination	Min	0	0	94.254	0	0	0
Story2	2	2	DStlS12	Combination	Max	0	0	94.5085	0	0	0
Story2	2	2	DStlS12	Combination	Min	0	0	94.5085	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	2	2	DStIS13	Combination	Max	0	0	103.5692	0	0	0
Story2	2	2	DStIS13	Combination	Min	0	0	103.5692	0	0	0
Story2	2	2	DStIS14	Combination	Max	0	0	103.4078	0	0	0
Story2	2	2	DStIS14	Combination	Min	0	0	103.4078	0	0	0
Story2	2	2	DStIS15	Combination	Max	0	0	103.34	0	0	0
Story2	2	2	DStIS15	Combination	Min	0	0	103.34	0	0	0
Story2	2	2	DStIS16	Combination	Max	0	0	103.637	0	0	0
Story2	2	2	DStIS16	Combination	Min	0	0	103.637	0	0	0
Story2	2	2	DStIS17	Combination	Max	0	0	74.0011	0	0	0
Story2	2	2	DStIS17	Combination	Min	0	0	74.0011	0	0	0
Story2	2	2	DStIS18	Combination	Max	0	0	73.8396	0	0	0
Story2	2	2	DStIS18	Combination	Min	0	0	73.8396	0	0	0
Story2	2	2	DStIS19	Combination	Max	0	0	73.7719	0	0	0
Story2	2	2	DStIS19	Combination	Min	0	0	73.7719	0	0	0
Story2	2	2	DStIS20	Combination	Max	0	0	74.0688	0	0	0
Story2	2	2	DStIS20	Combination	Min	0	0	74.0688	0	0	0
Story2	2	2	DStID1	Combination		0	0	73.9204	0	0	0
Story2	2	2	DStID2	Combination		0	0	78.6511	0	0	0
Story2	2	2	DConS1	Combination		0	0	103.4885	0	0	0
Story2	2	2	DConS2	Combination		0	0	111.0576	0	0	0
Story2	2	2	DConS3	Combination		0	0	97.0435	0	0	0
Story2	2	2	DConS4	Combination		0	0	91.7191	0	0	0
Story2	2	2	DConS5	Combination		0	0	106.5944	0	0	0
Story2	2	2	DConS6	Combination		0	0	100.3826	0	0	0
Story2	2	2	DConS7	Combination		0	0	77.0263	0	0	0
Story2	2	2	DConS8	Combination		0	0	70.8145	0	0	0
Story2	2	2	DConS9	Combination	Max	0	0	94.4505	0	0	0
Story2	2	2	DConS9	Combination	Min	0	0	94.4505	0	0	0
Story2	2	2	DConS10	Combination	Max	0	0	94.3121	0	0	0
Story2	2	2	DConS10	Combination	Min	0	0	94.3121	0	0	0
Story2	2	2	DConS11	Combination	Max	0	0	94.254	0	0	0
Story2	2	2	DConS11	Combination	Min	0	0	94.254	0	0	0
Story2	2	2	DConS12	Combination	Max	0	0	94.5085	0	0	0
Story2	2	2	DConS12	Combination	Min	0	0	94.5085	0	0	0
Story2	2	2	DConS13	Combination	Max	0	0	103.5692	0	0	0
Story2	2	2	DConS13	Combination	Min	0	0	103.5692	0	0	0
Story2	2	2	DConS14	Combination	Max	0	0	103.4078	0	0	0
Story2	2	2	DConS14	Combination	Min	0	0	103.4078	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	2	2	DConS15	Combination	Max	0	0	103.34	0	0	0
Story2	2	2	DConS15	Combination	Min	0	0	103.34	0	0	0
Story2	2	2	DConS16	Combination	Max	0	0	103.637	0	0	0
Story2	2	2	DConS16	Combination	Min	0	0	103.637	0	0	0
Story2	2	2	DConS17	Combination	Max	0	0	74.0011	0	0	0
Story2	2	2	DConS17	Combination	Min	0	0	74.0011	0	0	0
Story2	2	2	DConS18	Combination	Max	0	0	73.8396	0	0	0
Story2	2	2	DConS18	Combination	Min	0	0	73.8396	0	0	0
Story2	2	2	DConS19	Combination	Max	0	0	73.7719	0	0	0
Story2	2	2	DConS19	Combination	Min	0	0	73.7719	0	0	0
Story2	2	2	DConS20	Combination	Max	0	0	74.0688	0	0	0
Story2	2	2	DConS20	Combination	Min	0	0	74.0688	0	0	0
Story2	2	2	DCmpD1	Combination		0	0	73.9204	0	0	0
Story2	2	2	DCmpD2	Combination		0	0	78.6511	0	0	0
Story2	2	2	DCmpS1	Combination		0	0	103.4885	0	0	0
Story2	2	2	DCmpS2	Combination		0	0	111.0576	0	0	0
Story2	2	2	DCmpC1	Combination		0	0	103.4885	0	0	0
Story2	3	5	Dead	LinStatic		0	0	74.7434	0	0	0
Story2	3	5	Live	LinStatic		0	0	5.9972	0	0	0
Story2	3	5	WIND	LinStatic		0	0	2.0313	0	0	0
Story2	3	5	EQX	LinStatic	Max	0	0	-0.0331	0	0	0
Story2	3	5	EQX	LinStatic	Min	0	0	-0.0331	0	0	0
Story2	3	5	EQY	LinStatic	Max	0	0	-0.216	0	0	0
Story2	3	5	EQY	LinStatic	Min	0	0	-0.216	0	0	0
Story2	3	5	DSlbS1	Combination		0	0	104.6407	0	0	0
Story2	3	5	DSlbS2	Combination		0	0	114.2362	0	0	0
Story2	3	5	DSlbS3	Combination		0	0	99.3262	0	0	0
Story2	3	5	DSlbS4	Combination		0	0	94.4511	0	0	0
Story2	3	5	DSlbS5	Combination		0	0	107.4846	0	0	0
Story2	3	5	DSlbS6	Combination		0	0	101.7969	0	0	0
Story2	3	5	DSlbS7	Combination		0	0	77.5872	0	0	0
Story2	3	5	DSlbS8	Combination		0	0	71.8996	0	0	0
Story2	3	5	DStlS1	Combination		0	0	104.6407	0	0	0
Story2	3	5	DStlS2	Combination		0	0	114.2362	0	0	0
Story2	3	5	DStlS3	Combination		0	0	99.3262	0	0	0
Story2	3	5	DStlS4	Combination		0	0	94.4511	0	0	0
Story2	3	5	DStlS5	Combination		0	0	107.4846	0	0	0
Story2	3	5	DStlS6	Combination		0	0	101.7969	0	0	0
Story2	3	5	DStlS7	Combination		0	0	77.5872	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	3	5	DStIS8	Combination		0	0	71.8996	0	0	0
Story2	3	5	DStIS9	Combination	Max	0	0	96.8489	0	0	0
Story2	3	5	DStIS9	Combination	Min	0	0	96.8489	0	0	0
Story2	3	5	DStIS10	Combination	Max	0	0	96.9284	0	0	0
Story2	3	5	DStIS10	Combination	Min	0	0	96.9284	0	0	0
Story2	3	5	DStIS11	Combination	Max	0	0	96.6295	0	0	0
Story2	3	5	DStIS11	Combination	Min	0	0	96.6295	0	0	0
Story2	3	5	DStIS12	Combination	Max	0	0	97.1479	0	0	0
Story2	3	5	DStIS12	Combination	Min	0	0	97.1479	0	0	0
Story2	3	5	DStIS13	Combination	Max	0	0	104.5943	0	0	0
Story2	3	5	DStIS13	Combination	Min	0	0	104.5943	0	0	0
Story2	3	5	DStIS14	Combination	Max	0	0	104.6871	0	0	0
Story2	3	5	DStIS14	Combination	Min	0	0	104.6871	0	0	0
Story2	3	5	DStIS15	Combination	Max	0	0	104.3383	0	0	0
Story2	3	5	DStIS15	Combination	Min	0	0	104.3383	0	0	0
Story2	3	5	DStIS16	Combination	Max	0	0	104.9432	0	0	0
Story2	3	5	DStIS16	Combination	Min	0	0	104.9432	0	0	0
Story2	3	5	DStIS17	Combination	Max	0	0	74.697	0	0	0
Story2	3	5	DStIS17	Combination	Min	0	0	74.697	0	0	0
Story2	3	5	DStIS18	Combination	Max	0	0	74.7898	0	0	0
Story2	3	5	DStIS18	Combination	Min	0	0	74.7898	0	0	0
Story2	3	5	DStIS19	Combination	Max	0	0	74.441	0	0	0
Story2	3	5	DStIS19	Combination	Min	0	0	74.441	0	0	0
Story2	3	5	DStIS20	Combination	Max	0	0	75.0458	0	0	0
Story2	3	5	DStIS20	Combination	Min	0	0	75.0458	0	0	0
Story2	3	5	DStID1	Combination		0	0	74.7434	0	0	0
Story2	3	5	DStID2	Combination		0	0	80.7406	0	0	0
Story2	3	5	DConS1	Combination		0	0	104.6407	0	0	0
Story2	3	5	DConS2	Combination		0	0	114.2362	0	0	0
Story2	3	5	DConS3	Combination		0	0	99.3262	0	0	0
Story2	3	5	DConS4	Combination		0	0	94.4511	0	0	0
Story2	3	5	DConS5	Combination		0	0	107.4846	0	0	0
Story2	3	5	DConS6	Combination		0	0	101.7969	0	0	0
Story2	3	5	DConS7	Combination		0	0	77.5872	0	0	0
Story2	3	5	DConS8	Combination		0	0	71.8996	0	0	0
Story2	3	5	DConS9	Combination	Max	0	0	96.8489	0	0	0
Story2	3	5	DConS9	Combination	Min	0	0	96.8489	0	0	0
Story2	3	5	DConS10	Combination	Max	0	0	96.9284	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	3	5	DConS10	Combination	Min	0	0	96.9284	0	0	0
Story2	3	5	DConS11	Combination	Max	0	0	96.6295	0	0	0
Story2	3	5	DConS11	Combination	Min	0	0	96.6295	0	0	0
Story2	3	5	DConS12	Combination	Max	0	0	97.1479	0	0	0
Story2	3	5	DConS12	Combination	Min	0	0	97.1479	0	0	0
Story2	3	5	DConS13	Combination	Max	0	0	104.5943	0	0	0
Story2	3	5	DConS13	Combination	Min	0	0	104.5943	0	0	0
Story2	3	5	DConS14	Combination	Max	0	0	104.6871	0	0	0
Story2	3	5	DConS14	Combination	Min	0	0	104.6871	0	0	0
Story2	3	5	DConS15	Combination	Max	0	0	104.3383	0	0	0
Story2	3	5	DConS15	Combination	Min	0	0	104.3383	0	0	0
Story2	3	5	DConS16	Combination	Max	0	0	104.9432	0	0	0
Story2	3	5	DConS16	Combination	Min	0	0	104.9432	0	0	0
Story2	3	5	DConS17	Combination	Max	0	0	74.697	0	0	0
Story2	3	5	DConS17	Combination	Min	0	0	74.697	0	0	0
Story2	3	5	DConS18	Combination	Max	0	0	74.7898	0	0	0
Story2	3	5	DConS18	Combination	Min	0	0	74.7898	0	0	0
Story2	3	5	DConS19	Combination	Max	0	0	74.441	0	0	0
Story2	3	5	DConS19	Combination	Min	0	0	74.441	0	0	0
Story2	3	5	DConS20	Combination	Max	0	0	75.0458	0	0	0
Story2	3	5	DConS20	Combination	Min	0	0	75.0458	0	0	0
Story2	3	5	DCmpD1	Combination		0	0	74.7434	0	0	0
Story2	3	5	DCmpD2	Combination		0	0	80.7406	0	0	0
Story2	3	5	DCmpS1	Combination		0	0	104.6407	0	0	0
Story2	3	5	DCmpS2	Combination		0	0	114.2362	0	0	0
Story2	3	5	DCmpC1	Combination		0	0	104.6407	0	0	0
Story2	4	7	Dead	LinStatic		0	0	76.2038	0	0	0
Story2	4	7	Live	LinStatic		0	0	6.4103	0	0	0
Story2	4	7	WIND	LinStatic		0	0	1.9827	0	0	0
Story2	4	7	EQX	LinStatic	Max	0	0	0.0026	0	0	0
Story2	4	7	EQX	LinStatic	Min	0	0	0.0026	0	0	0
Story2	4	7	EQY	LinStatic	Max	0	0	-0.2304	0	0	0
Story2	4	7	EQY	LinStatic	Min	0	0	-0.2304	0	0	0
Story2	4	7	DSlbs1	Combination		0	0	106.6853	0	0	0
Story2	4	7	DSlbs2	Combination		0	0	116.9418	0	0	0
Story2	4	7	DSlbs3	Combination		0	0	101.5161	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	4	7	DSIbS4	Combination		0	0	96.7576	0	0	0
Story2	4	7	DSIbS5	Combination		0	0	109.4611	0	0	0
Story2	4	7	DSIbS6	Combination		0	0	103.9095	0	0	0
Story2	4	7	DSIbS7	Combination		0	0	78.9796	0	0	0
Story2	4	7	DSIbS8	Combination		0	0	73.428	0	0	0
Story2	4	7	DStIS1	Combination		0	0	106.6853	0	0	0
Story2	4	7	DStIS2	Combination		0	0	116.9418	0	0	0
Story2	4	7	DStIS3	Combination		0	0	101.5161	0	0	0
Story2	4	7	DStIS4	Combination		0	0	96.7576	0	0	0
Story2	4	7	DStIS5	Combination		0	0	109.4611	0	0	0
Story2	4	7	DStIS6	Combination		0	0	103.9095	0	0	0
Story2	4	7	DStIS7	Combination		0	0	78.9796	0	0	0
Story2	4	7	DStIS8	Combination		0	0	73.428	0	0	0
Story2	4	7	DStIS9	Combination	Max	0	0	99.1401	0	0	0
Story2	4	7	DStIS9	Combination	Min	0	0	99.1401	0	0	0
Story2	4	7	DStIS10	Combination	Max	0	0	99.1337	0	0	0
Story2	4	7	DStIS10	Combination	Min	0	0	99.1337	0	0	0
Story2	4	7	DStIS11	Combination	Max	0	0	98.8604	0	0	0
Story2	4	7	DStIS11	Combination	Min	0	0	98.8604	0	0	0
Story2	4	7	DStIS12	Combination	Max	0	0	99.4134	0	0	0
Story2	4	7	DStIS12	Combination	Min	0	0	99.4134	0	0	0
Story2	4	7	DStIS13	Combination	Max	0	0	106.689	0	0	0
Story2	4	7	DStIS13	Combination	Min	0	0	106.689	0	0	0
Story2	4	7	DStIS14	Combination	Max	0	0	106.6816	0	0	0
Story2	4	7	DStIS14	Combination	Min	0	0	106.6816	0	0	0
Story2	4	7	DStIS15	Combination	Max	0	0	106.3627	0	0	0
Story2	4	7	DStIS15	Combination	Min	0	0	106.3627	0	0	0
Story2	4	7	DStIS16	Combination	Max	0	0	107.0079	0	0	0
Story2	4	7	DStIS16	Combination	Min	0	0	107.0079	0	0	0
Story2	4	7	DStIS17	Combination	Max	0	0	76.2075	0	0	0
Story2	4	7	DStIS17	Combination	Min	0	0	76.2075	0	0	0
Story2	4	7	DStIS18	Combination	Max	0	0	76.2001	0	0	0
Story2	4	7	DStIS18	Combination	Min	0	0	76.2001	0	0	0
Story2	4	7	DStIS19	Combination	Max	0	0	75.8812	0	0	0
Story2	4	7	DStIS19	Combination	Min	0	0	75.8812	0	0	0
Story2	4	7	DStIS20	Combination	Max	0	0	76.5264	0	0	0
Story2	4	7	DStIS20	Combination	Min	0	0	76.5264	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	4	7	DStID1	Combination		0	0	76.2038	0	0	0
Story2	4	7	DStID2	Combination		0	0	82.6141	0	0	0
Story2	4	7	DConS1	Combination		0	0	106.6853	0	0	0
Story2	4	7	DConS2	Combination		0	0	116.9418	0	0	0
Story2	4	7	DConS3	Combination		0	0	101.5161	0	0	0
Story2	4	7	DConS4	Combination		0	0	96.7576	0	0	0
Story2	4	7	DConS5	Combination		0	0	109.4611	0	0	0
Story2	4	7	DConS6	Combination		0	0	103.9095	0	0	0
Story2	4	7	DConS7	Combination		0	0	78.9796	0	0	0
Story2	4	7	DConS8	Combination		0	0	73.428	0	0	0
Story2	4	7	DConS9	Combination	Max	0	0	99.1401	0	0	0
Story2	4	7	DConS9	Combination	Min	0	0	99.1401	0	0	0
Story2	4	7	DConS10	Combination	Max	0	0	99.1337	0	0	0
Story2	4	7	DConS10	Combination	Min	0	0	99.1337	0	0	0
Story2	4	7	DConS11	Combination	Max	0	0	98.8604	0	0	0
Story2	4	7	DConS11	Combination	Min	0	0	98.8604	0	0	0
Story2	4	7	DConS12	Combination	Max	0	0	99.4134	0	0	0
Story2	4	7	DConS12	Combination	Min	0	0	99.4134	0	0	0
Story2	4	7	DConS13	Combination	Max	0	0	106.689	0	0	0
Story2	4	7	DConS13	Combination	Min	0	0	106.689	0	0	0
Story2	4	7	DConS14	Combination	Max	0	0	106.6816	0	0	0
Story2	4	7	DConS14	Combination	Min	0	0	106.6816	0	0	0
Story2	4	7	DConS15	Combination	Max	0	0	106.3627	0	0	0
Story2	4	7	DConS15	Combination	Min	0	0	106.3627	0	0	0
Story2	4	7	DConS16	Combination	Max	0	0	107.0079	0	0	0
Story2	4	7	DConS16	Combination	Min	0	0	107.0079	0	0	0
Story2	4	7	DConS17	Combination	Max	0	0	76.2075	0	0	0
Story2	4	7	DConS17	Combination	Min	0	0	76.2075	0	0	0
Story2	4	7	DConS18	Combination	Max	0	0	76.2001	0	0	0
Story2	4	7	DConS18	Combination	Min	0	0	76.2001	0	0	0
Story2	4	7	DConS19	Combination	Max	0	0	75.8812	0	0	0
Story2	4	7	DConS19	Combination	Min	0	0	75.8812	0	0	0
Story2	4	7	DConS20	Combination	Max	0	0	76.5264	0	0	0
Story2	4	7	DConS20	Combination	Min	0	0	76.5264	0	0	0
Story2	4	7	DCmpD1	Combination		0	0	76.2038	0	0	0
Story2	4	7	DCmpD2	Combination		0	0	82.6141	0	0	0
Story2	4	7	DCmpS1	Combination		0	0	106.6853	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	4	7	DCmpS2	Combination		0	0	116.9418	0	0	0
Story2	4	7	DCmpC1	Combination		0	0	106.6853	0	0	0
Story2	5	9	Dead	LinStatic		0	0	74.8806	0	0	0
Story2	5	9	Live	LinStatic		0	0	6.067	0	0	0
Story2	5	9	WIND	LinStatic		0	0	1.993	0	0	0
Story2	5	9	EQX	LinStatic	Max	0	0	0.0362	0	0	0
Story2	5	9	EQX	LinStatic	Min	0	0	0.0362	0	0	0
Story2	5	9	EQY	LinStatic	Max	0	0	-0.2034	0	0	0
Story2	5	9	EQY	LinStatic	Min	0	0	-0.2034	0	0	0
Story2	5	9	DSlbS1	Combination		0	0	104.8329	0	0	0
Story2	5	9	DSlbS2	Combination		0	0	114.5401	0	0	0
Story2	5	9	DSlbS3	Combination		0	0	99.5288	0	0	0
Story2	5	9	DSlbS4	Combination		0	0	94.7455	0	0	0
Story2	5	9	DSlbS5	Combination		0	0	107.6231	0	0	0
Story2	5	9	DSlbS6	Combination		0	0	102.0426	0	0	0
Story2	5	9	DSlbS7	Combination		0	0	77.6709	0	0	0
Story2	5	9	DSlbS8	Combination		0	0	72.0904	0	0	0
Story2	5	9	DStIS1	Combination		0	0	104.8329	0	0	0
Story2	5	9	DStIS2	Combination		0	0	114.5401	0	0	0
Story2	5	9	DStIS3	Combination		0	0	99.5288	0	0	0
Story2	5	9	DStIS4	Combination		0	0	94.7455	0	0	0
Story2	5	9	DStIS5	Combination		0	0	107.6231	0	0	0
Story2	5	9	DStIS6	Combination		0	0	102.0426	0	0	0
Story2	5	9	DStIS7	Combination		0	0	77.6709	0	0	0
Story2	5	9	DStIS8	Combination		0	0	72.0904	0	0	0
Story2	5	9	DStIS9	Combination	Max	0	0	97.1806	0	0	0
Story2	5	9	DStIS9	Combination	Min	0	0	97.1806	0	0	0
Story2	5	9	DStIS10	Combination	Max	0	0	97.0936	0	0	0
Story2	5	9	DStIS10	Combination	Min	0	0	97.0936	0	0	0
Story2	5	9	DStIS11	Combination	Max	0	0	96.8931	0	0	0
Story2	5	9	DStIS11	Combination	Min	0	0	96.8931	0	0	0
Story2	5	9	DStIS12	Combination	Max	0	0	97.3812	0	0	0
Story2	5	9	DStIS12	Combination	Min	0	0	97.3812	0	0	0
Story2	5	9	DStIS13	Combination	Max	0	0	104.8836	0	0	0
Story2	5	9	DStIS13	Combination	Min	0	0	104.8836	0	0	0
Story2	5	9	DStIS14	Combination	Max	0	0	104.7821	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	5	9	DStIS14	Combination	Min	0	0	104.7821	0	0	0
Story2	5	9	DStIS15	Combination	Max	0	0	104.5481	0	0	0
Story2	5	9	DStIS15	Combination	Min	0	0	104.5481	0	0	0
Story2	5	9	DStIS16	Combination	Max	0	0	105.1176	0	0	0
Story2	5	9	DStIS16	Combination	Min	0	0	105.1176	0	0	0
Story2	5	9	DStIS17	Combination	Max	0	0	74.9314	0	0	0
Story2	5	9	DStIS17	Combination	Min	0	0	74.9314	0	0	0
Story2	5	9	DStIS18	Combination	Max	0	0	74.8299	0	0	0
Story2	5	9	DStIS18	Combination	Min	0	0	74.8299	0	0	0
Story2	5	9	DStIS19	Combination	Max	0	0	74.5959	0	0	0
Story2	5	9	DStIS19	Combination	Min	0	0	74.5959	0	0	0
Story2	5	9	DStIS20	Combination	Max	0	0	75.1654	0	0	0
Story2	5	9	DStIS20	Combination	Min	0	0	75.1654	0	0	0
Story2	5	9	DStID1	Combination		0	0	74.8806	0	0	0
Story2	5	9	DStID2	Combination		0	0	80.9476	0	0	0
Story2	5	9	DConS1	Combination		0	0	104.8329	0	0	0
Story2	5	9	DConS2	Combination		0	0	114.5401	0	0	0
Story2	5	9	DConS3	Combination		0	0	99.5288	0	0	0
Story2	5	9	DConS4	Combination		0	0	94.7455	0	0	0
Story2	5	9	DConS5	Combination		0	0	107.6231	0	0	0
Story2	5	9	DConS6	Combination		0	0	102.0426	0	0	0
Story2	5	9	DConS7	Combination		0	0	77.6709	0	0	0
Story2	5	9	DConS8	Combination		0	0	72.0904	0	0	0
Story2	5	9	DConS9	Combination	Max	0	0	97.1806	0	0	0
Story2	5	9	DConS9	Combination	Min	0	0	97.1806	0	0	0
Story2	5	9	DConS10	Combination	Max	0	0	97.0936	0	0	0
Story2	5	9	DConS10	Combination	Min	0	0	97.0936	0	0	0
Story2	5	9	DConS11	Combination	Max	0	0	96.8931	0	0	0
Story2	5	9	DConS11	Combination	Min	0	0	96.8931	0	0	0
Story2	5	9	DConS12	Combination	Max	0	0	97.3812	0	0	0
Story2	5	9	DConS12	Combination	Min	0	0	97.3812	0	0	0
Story2	5	9	DConS13	Combination	Max	0	0	104.8836	0	0	0
Story2	5	9	DConS13	Combination	Min	0	0	104.8836	0	0	0
Story2	5	9	DConS14	Combination	Max	0	0	104.7821	0	0	0
Story2	5	9	DConS14	Combination	Min	0	0	104.7821	0	0	0
Story2	5	9	DConS15	Combination	Max	0	0	104.5481	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	5	9	DConS15	Combination	Min	0	0	104.5481	0	0	0
Story2	5	9	DConS16	Combination	Max	0	0	105.1176	0	0	0
Story2	5	9	DConS16	Combination	Min	0	0	105.1176	0	0	0
Story2	5	9	DConS17	Combination	Max	0	0	74.9314	0	0	0
Story2	5	9	DConS17	Combination	Min	0	0	74.9314	0	0	0
Story2	5	9	DConS18	Combination	Max	0	0	74.8299	0	0	0
Story2	5	9	DConS18	Combination	Min	0	0	74.8299	0	0	0
Story2	5	9	DConS19	Combination	Max	0	0	74.5959	0	0	0
Story2	5	9	DConS19	Combination	Min	0	0	74.5959	0	0	0
Story2	5	9	DConS20	Combination	Max	0	0	75.1654	0	0	0
Story2	5	9	DConS20	Combination	Min	0	0	75.1654	0	0	0
Story2	5	9	DCmpD1	Combination		0	0	74.8806	0	0	0
Story2	5	9	DCmpD2	Combination		0	0	80.9476	0	0	0
Story2	5	9	DCmpS1	Combination		0	0	104.8329	0	0	0
Story2	5	9	DCmpS2	Combination		0	0	114.5401	0	0	0
Story2	5	9	DCmpC1	Combination		0	0	104.8329	0	0	0
Story2	6	11	Dead	LinStatic		0	0	80.1477	0	0	0
Story2	6	11	Live	LinStatic		0	0	5.4836	0	0	0
Story2	6	11	WIND	LinStatic		0	0	0.0219	0	0	0
Story2	6	11	EQX	LinStatic	Max	0	0	0.0323	0	0	0
Story2	6	11	EQX	LinStatic	Min	0	0	0.0323	0	0	0
Story2	6	11	EQY	LinStatic	Max	0	0	1.6671	0	0	0
Story2	6	11	EQY	LinStatic	Min	0	0	1.6671	0	0	0
Story2	6	11	DSlbS1	Combination		0	0	112.2068	0	0	0
Story2	6	11	DSlbS2	Combination		0	0	120.9805	0	0	0
Story2	6	11	DSlbS3	Combination		0	0	102.7838	0	0	0
Story2	6	11	DSlbS4	Combination		0	0	102.7313	0	0	0
Story2	6	11	DSlbS5	Combination		0	0	112.2374	0	0	0
Story2	6	11	DSlbS6	Combination		0	0	112.1762	0	0	0
Story2	6	11	DSlbS7	Combination		0	0	80.1784	0	0	0
Story2	6	11	DSlbS8	Combination		0	0	80.1171	0	0	0
Story2	6	11	DStIS1	Combination		0	0	112.2068	0	0	0
Story2	6	11	DStIS2	Combination		0	0	120.9805	0	0	0
Story2	6	11	DStIS3	Combination		0	0	102.7838	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	6	11	DStIS4	Combination		0	0	102.7313	0	0	0
Story2	6	11	DStIS5	Combination		0	0	112.2374	0	0	0
Story2	6	11	DStIS6	Combination		0	0	112.1762	0	0	0
Story2	6	11	DStIS7	Combination		0	0	80.1784	0	0	0
Story2	6	11	DStIS8	Combination		0	0	80.1171	0	0	0
Story2	6	11	DStIS9	Combination	Max	0	0	102.7964	0	0	0
Story2	6	11	DStIS9	Combination	Min	0	0	102.7964	0	0	0
Story2	6	11	DStIS10	Combination	Max	0	0	102.7187	0	0	0
Story2	6	11	DStIS10	Combination	Min	0	0	102.7187	0	0	0
Story2	6	11	DStIS11	Combination	Max	0	0	104.7581	0	0	0
Story2	6	11	DStIS11	Combination	Min	0	0	104.7581	0	0	0
Story2	6	11	DStIS12	Combination	Max	0	0	100.757	0	0	0
Story2	6	11	DStIS12	Combination	Min	0	0	100.757	0	0	0
Story2	6	11	DStIS13	Combination	Max	0	0	112.2521	0	0	0
Story2	6	11	DStIS13	Combination	Min	0	0	112.2521	0	0	0
Story2	6	11	DStIS14	Combination	Max	0	0	112.1615	0	0	0
Story2	6	11	DStIS14	Combination	Min	0	0	112.1615	0	0	0
Story2	6	11	DStIS15	Combination	Max	0	0	114.5408	0	0	0
Story2	6	11	DStIS15	Combination	Min	0	0	114.5408	0	0	0
Story2	6	11	DStIS16	Combination	Max	0	0	109.8728	0	0	0
Story2	6	11	DStIS16	Combination	Min	0	0	109.8728	0	0	0
Story2	6	11	DStIS17	Combination	Max	0	0	80.193	0	0	0
Story2	6	11	DStIS17	Combination	Min	0	0	80.193	0	0	0
Story2	6	11	DStIS18	Combination	Max	0	0	80.1025	0	0	0
Story2	6	11	DStIS18	Combination	Min	0	0	80.1025	0	0	0
Story2	6	11	DStIS19	Combination	Max	0	0	82.4817	0	0	0
Story2	6	11	DStIS19	Combination	Min	0	0	82.4817	0	0	0
Story2	6	11	DStIS20	Combination	Max	0	0	77.8137	0	0	0
Story2	6	11	DStIS20	Combination	Min	0	0	77.8137	0	0	0
Story2	6	11	DStID1	Combination		0	0	80.1477	0	0	0
Story2	6	11	DStID2	Combination		0	0	85.6313	0	0	0
Story2	6	11	DConS1	Combination		0	0	112.2068	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	6	11	DConS2	Combination		0	0	120.9805	0	0	0
Story2	6	11	DConS3	Combination		0	0	102.7838	0	0	0
Story2	6	11	DConS4	Combination		0	0	102.7313	0	0	0
Story2	6	11	DConS5	Combination		0	0	112.2374	0	0	0
Story2	6	11	DConS6	Combination		0	0	112.1762	0	0	0
Story2	6	11	DConS7	Combination		0	0	80.1784	0	0	0
Story2	6	11	DConS8	Combination		0	0	80.1171	0	0	0
Story2	6	11	DConS9	Combination	Max	0	0	102.7964	0	0	0
Story2	6	11	DConS9	Combination	Min	0	0	102.7964	0	0	0
Story2	6	11	DConS10	Combination	Max	0	0	102.7187	0	0	0
Story2	6	11	DConS10	Combination	Min	0	0	102.7187	0	0	0
Story2	6	11	DConS11	Combination	Max	0	0	104.7581	0	0	0
Story2	6	11	DConS11	Combination	Min	0	0	104.7581	0	0	0
Story2	6	11	DConS12	Combination	Max	0	0	100.757	0	0	0
Story2	6	11	DConS12	Combination	Min	0	0	100.757	0	0	0
Story2	6	11	DConS13	Combination	Max	0	0	112.2521	0	0	0
Story2	6	11	DConS13	Combination	Min	0	0	112.2521	0	0	0
Story2	6	11	DConS14	Combination	Max	0	0	112.1615	0	0	0
Story2	6	11	DConS14	Combination	Min	0	0	112.1615	0	0	0
Story2	6	11	DConS15	Combination	Max	0	0	114.5408	0	0	0
Story2	6	11	DConS15	Combination	Min	0	0	114.5408	0	0	0
Story2	6	11	DConS16	Combination	Max	0	0	109.8728	0	0	0
Story2	6	11	DConS16	Combination	Min	0	0	109.8728	0	0	0
Story2	6	11	DConS17	Combination	Max	0	0	80.193	0	0	0
Story2	6	11	DConS17	Combination	Min	0	0	80.193	0	0	0
Story2	6	11	DConS18	Combination	Max	0	0	80.1025	0	0	0
Story2	6	11	DConS18	Combination	Min	0	0	80.1025	0	0	0
Story2	6	11	DConS19	Combination	Max	0	0	82.4817	0	0	0
Story2	6	11	DConS19	Combination	Min	0	0	82.4817	0	0	0
Story2	6	11	DConS20	Combination	Max	0	0	77.8137	0	0	0
Story2	6	11	DConS20	Combination	Min	0	0	77.8137	0	0	0
Story2	6	11	DCmpD1	Combination		0	0	80.1477	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	6	11	DCmpD2	Combination		0	0	85.6313	0	0	0
Story2	6	11	DCmpS1	Combination		0	0	112.2068	0	0	0
Story2	6	11	DCmpS2	Combination		0	0	120.9805	0	0	0
Story2	6	11	DCmpC1	Combination		0	0	112.2068	0	0	0
Story2	9	17	Dead	LinStatic		0	0	114.3064	0	0	0
Story2	9	17	Live	LinStatic		0	0	17.0363	0	0	0
Story2	9	17	WIND	LinStatic		0	0	3.3485	0	0	0
Story2	9	17	EQX	LinStatic	Max	0	0	-2.2087	0	0	0
Story2	9	17	EQX	LinStatic	Min	0	0	-2.2087	0	0	0
Story2	9	17	EQY	LinStatic	Max	0	0	-5.0056	0	0	0
Story2	9	17	EQY	LinStatic	Min	0	0	-5.0056	0	0	0
Story2	9	17	DSlbS1	Combination		0	0	160.029	0	0	0
Story2	9	17	DSlbS2	Combination		0	0	187.287	0	0	0
Story2	9	17	DSlbS3	Combination		0	0	161.6295	0	0	0
Story2	9	17	DSlbS4	Combination		0	0	153.593	0	0	0
Story2	9	17	DSlbS5	Combination		0	0	164.7169	0	0	0
Story2	9	17	DSlbS6	Combination		0	0	155.341	0	0	0
Story2	9	17	DSlbS7	Combination		0	0	118.9944	0	0	0
Story2	9	17	DSlbS8	Combination		0	0	109.6184	0	0	0
Story2	9	17	DStlS1	Combination		0	0	160.029	0	0	0
Story2	9	17	DStlS2	Combination		0	0	187.287	0	0	0
Story2	9	17	DStlS3	Combination		0	0	161.6295	0	0	0
Story2	9	17	DStlS4	Combination		0	0	153.593	0	0	0
Story2	9	17	DStlS5	Combination		0	0	164.7169	0	0	0
Story2	9	17	DStlS6	Combination		0	0	155.341	0	0	0
Story2	9	17	DStlS7	Combination		0	0	118.9944	0	0	0
Story2	9	17	DStlS8	Combination		0	0	109.6184	0	0	0
Story2	9	17	DStlS9	Combination	Max	0	0	154.9608	0	0	0
Story2	9	17	DStlS9	Combination	Min	0	0	154.9608	0	0	0
Story2	9	17	DStlS10	Combination	Max	0	0	160.2616	0	0	0
Story2	9	17	DStlS10	Combination	Min	0	0	160.2616	0	0	0
Story2	9	17	DStlS11	Combination	Max	0	0	151.6045	0	0	0
Story2	9	17	DStlS11	Combination	Min	0	0	151.6045	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	9	17	DStIS12	Combination	Max	0	0	163.6179	0	0	0
Story2	9	17	DStIS12	Combination	Min	0	0	163.6179	0	0	0
Story2	9	17	DStIS13	Combination	Max	0	0	156.9368	0	0	0
Story2	9	17	DStIS13	Combination	Min	0	0	156.9368	0	0	0
Story2	9	17	DStIS14	Combination	Max	0	0	163.1211	0	0	0
Story2	9	17	DStIS14	Combination	Min	0	0	163.1211	0	0	0
Story2	9	17	DStIS15	Combination	Max	0	0	153.0211	0	0	0
Story2	9	17	DStIS15	Combination	Min	0	0	153.0211	0	0	0
Story2	9	17	DStIS16	Combination	Max	0	0	167.0368	0	0	0
Story2	9	17	DStIS16	Combination	Min	0	0	167.0368	0	0	0
Story2	9	17	DStIS17	Combination	Max	0	0	111.2143	0	0	0
Story2	9	17	DStIS17	Combination	Min	0	0	111.2143	0	0	0
Story2	9	17	DStIS18	Combination	Max	0	0	117.3985	0	0	0
Story2	9	17	DStIS18	Combination	Min	0	0	117.3985	0	0	0
Story2	9	17	DStIS19	Combination	Max	0	0	107.2986	0	0	0
Story2	9	17	DStIS19	Combination	Min	0	0	107.2986	0	0	0
Story2	9	17	DStIS20	Combination	Max	0	0	121.3142	0	0	0
Story2	9	17	DStIS20	Combination	Min	0	0	121.3142	0	0	0
Story2	9	17	DStID1	Combination		0	0	114.3064	0	0	0
Story2	9	17	DStID2	Combination		0	0	131.3427	0	0	0
Story2	9	17	DConS1	Combination		0	0	160.029	0	0	0
Story2	9	17	DConS2	Combination		0	0	187.287	0	0	0
Story2	9	17	DConS3	Combination		0	0	161.6295	0	0	0
Story2	9	17	DConS4	Combination		0	0	153.593	0	0	0
Story2	9	17	DConS5	Combination		0	0	164.7169	0	0	0
Story2	9	17	DConS6	Combination		0	0	155.341	0	0	0
Story2	9	17	DConS7	Combination		0	0	118.9944	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	9	17	DConS8	Combination		0	0	109.6184	0	0	0
Story2	9	17	DConS9	Combination	Max	0	0	154.9608	0	0	0
Story2	9	17	DConS9	Combination	Min	0	0	154.9608	0	0	0
Story2	9	17	DConS10	Combination	Max	0	0	160.2616	0	0	0
Story2	9	17	DConS10	Combination	Min	0	0	160.2616	0	0	0
Story2	9	17	DConS11	Combination	Max	0	0	151.6045	0	0	0
Story2	9	17	DConS11	Combination	Min	0	0	151.6045	0	0	0
Story2	9	17	DConS12	Combination	Max	0	0	163.6179	0	0	0
Story2	9	17	DConS12	Combination	Min	0	0	163.6179	0	0	0
Story2	9	17	DConS13	Combination	Max	0	0	156.9368	0	0	0
Story2	9	17	DConS13	Combination	Min	0	0	156.9368	0	0	0
Story2	9	17	DConS14	Combination	Max	0	0	163.1211	0	0	0
Story2	9	17	DConS14	Combination	Min	0	0	163.1211	0	0	0
Story2	9	17	DConS15	Combination	Max	0	0	153.0211	0	0	0
Story2	9	17	DConS15	Combination	Min	0	0	153.0211	0	0	0
Story2	9	17	DConS16	Combination	Max	0	0	167.0368	0	0	0
Story2	9	17	DConS16	Combination	Min	0	0	167.0368	0	0	0
Story2	9	17	DConS17	Combination	Max	0	0	111.2143	0	0	0
Story2	9	17	DConS17	Combination	Min	0	0	111.2143	0	0	0
Story2	9	17	DConS18	Combination	Max	0	0	117.3985	0	0	0
Story2	9	17	DConS18	Combination	Min	0	0	117.3985	0	0	0
Story2	9	17	DConS19	Combination	Max	0	0	107.2986	0	0	0
Story2	9	17	DConS19	Combination	Min	0	0	107.2986	0	0	0
Story2	9	17	DConS20	Combination	Max	0	0	121.3142	0	0	0
Story2	9	17	DConS20	Combination	Min	0	0	121.3142	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	9	17	DCmpD1	Combination		0	0	114.3064	0	0	0
Story2	9	17	DCmpD2	Combination		0	0	131.3427	0	0	0
Story2	9	17	DCmpS1	Combination		0	0	160.029	0	0	0
Story2	9	17	DCmpS2	Combination		0	0	187.287	0	0	0
Story2	9	17	DCmpC1	Combination		0	0	160.029	0	0	0
Story2	10	19	Dead	LinStatic		0	0	73.9879	0	0	0
Story2	10	19	Live	LinStatic		0	0	4.7655	0	0	0
Story2	10	19	WIND	LinStatic		0	0	-3.9345	0	0	0
Story2	10	19	EQX	LinStatic	Max	0	0	0.0503	0	0	0
Story2	10	19	EQX	LinStatic	Min	0	0	0.0503	0	0	0
Story2	10	19	EQY	LinStatic	Max	0	0	0.1037	0	0	0
Story2	10	19	EQY	LinStatic	Min	0	0	0.1037	0	0	0
Story2	10	19	DSlBS1	Combination		0	0	103.5831	0	0	0
Story2	10	19	DSlBS2	Combination		0	0	111.2079	0	0	0
Story2	10	19	DSlBS3	Combination		0	0	89.7828	0	0	0
Story2	10	19	DSlBS4	Combination		0	0	99.2255	0	0	0
Story2	10	19	DSlBS5	Combination		0	0	98.0748	0	0	0
Story2	10	19	DSlBS6	Combination		0	0	109.0913	0	0	0
Story2	10	19	DSlBS7	Combination		0	0	68.4797	0	0	0
Story2	10	19	DSlBS8	Combination		0	0	79.4961	0	0	0
Story2	10	19	DStIS1	Combination		0	0	103.5831	0	0	0
Story2	10	19	DStIS2	Combination		0	0	111.2079	0	0	0
Story2	10	19	DStIS3	Combination		0	0	89.7828	0	0	0
Story2	10	19	DStIS4	Combination		0	0	99.2255	0	0	0
Story2	10	19	DStIS5	Combination		0	0	98.0748	0	0	0
Story2	10	19	DStIS6	Combination		0	0	109.0913	0	0	0
Story2	10	19	DStIS7	Combination		0	0	68.4797	0	0	0
Story2	10	19	DStIS8	Combination		0	0	79.4961	0	0	0
Story2	10	19	DStIS9	Combination	Max	0	0	94.5644	0	0	0
Story2	10	19	DStIS9	Combination	Min	0	0	94.5644	0	0	0
Story2	10	19	DStIS10	Combination	Max	0	0	94.4438	0	0	0
Story2	10	19	DStIS10	Combination	Min	0	0	94.4438	0	0	0
Story2	10	19	DStIS11	Combination	Max	0	0	94.6285	0	0	0
Story2	10	19	DStIS11	Combination	Min	0	0	94.6285	0	0	0
Story2	10	19	DStIS12	Combination	Max	0	0	94.3797	0	0	0
Story2	10	19	DStIS12	Combination	Min	0	0	94.3797	0	0	0
Story2	10	19	DStIS13	Combination	Max	0	0	103.6534	0	0	0
Story2	10	19	DStIS13	Combination	Min	0	0	103.6534	0	0	0
Story2	10	19	DStIS14	Combination	Max	0	0	103.5127	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	10	19	DStIS14	Combination	Min	0	0	103.5127	0	0	0
Story2	10	19	DStIS15	Combination	Max	0	0	103.7282	0	0	0
Story2	10	19	DStIS15	Combination	Min	0	0	103.7282	0	0	0
Story2	10	19	DStIS16	Combination	Max	0	0	103.4379	0	0	0
Story2	10	19	DStIS16	Combination	Min	0	0	103.4379	0	0	0
Story2	10	19	DStIS17	Combination	Max	0	0	74.0583	0	0	0
Story2	10	19	DStIS17	Combination	Min	0	0	74.0583	0	0	0
Story2	10	19	DStIS18	Combination	Max	0	0	73.9175	0	0	0
Story2	10	19	DStIS18	Combination	Min	0	0	73.9175	0	0	0
Story2	10	19	DStIS19	Combination	Max	0	0	74.133	0	0	0
Story2	10	19	DStIS19	Combination	Min	0	0	74.133	0	0	0
Story2	10	19	DStIS20	Combination	Max	0	0	73.8428	0	0	0
Story2	10	19	DStIS20	Combination	Min	0	0	73.8428	0	0	0
Story2	10	19	DStID1	Combination		0	0	73.9879	0	0	0
Story2	10	19	DStID2	Combination		0	0	78.7534	0	0	0
Story2	10	19	DConS1	Combination		0	0	103.5831	0	0	0
Story2	10	19	DConS2	Combination		0	0	111.2079	0	0	0
Story2	10	19	DConS3	Combination		0	0	89.7828	0	0	0
Story2	10	19	DConS4	Combination		0	0	99.2255	0	0	0
Story2	10	19	DConS5	Combination		0	0	98.0748	0	0	0
Story2	10	19	DConS6	Combination		0	0	109.0913	0	0	0
Story2	10	19	DConS7	Combination		0	0	68.4797	0	0	0
Story2	10	19	DConS8	Combination		0	0	79.4961	0	0	0
Story2	10	19	DConS9	Combination	Max	0	0	94.5644	0	0	0
Story2	10	19	DConS9	Combination	Min	0	0	94.5644	0	0	0
Story2	10	19	DConS10	Combination	Max	0	0	94.4438	0	0	0
Story2	10	19	DConS10	Combination	Min	0	0	94.4438	0	0	0
Story2	10	19	DConS11	Combination	Max	0	0	94.6285	0	0	0
Story2	10	19	DConS11	Combination	Min	0	0	94.6285	0	0	0
Story2	10	19	DConS12	Combination	Max	0	0	94.3797	0	0	0
Story2	10	19	DConS12	Combination	Min	0	0	94.3797	0	0	0
Story2	10	19	DConS13	Combination	Max	0	0	103.6534	0	0	0
Story2	10	19	DConS13	Combination	Min	0	0	103.6534	0	0	0
Story2	10	19	DConS14	Combination	Max	0	0	103.5127	0	0	0
Story2	10	19	DConS14	Combination	Min	0	0	103.5127	0	0	0
Story2	10	19	DConS15	Combination	Max	0	0	103.7282	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	10	19	DConS15	Combination	Min	0	0	103.7282	0	0	0
Story2	10	19	DConS16	Combination	Max	0	0	103.4379	0	0	0
Story2	10	19	DConS16	Combination	Min	0	0	103.4379	0	0	0
Story2	10	19	DConS17	Combination	Max	0	0	74.0583	0	0	0
Story2	10	19	DConS17	Combination	Min	0	0	74.0583	0	0	0
Story2	10	19	DConS18	Combination	Max	0	0	73.9175	0	0	0
Story2	10	19	DConS18	Combination	Min	0	0	73.9175	0	0	0
Story2	10	19	DConS19	Combination	Max	0	0	74.133	0	0	0
Story2	10	19	DConS19	Combination	Min	0	0	74.133	0	0	0
Story2	10	19	DConS20	Combination	Max	0	0	73.8428	0	0	0
Story2	10	19	DConS20	Combination	Min	0	0	73.8428	0	0	0
Story2	10	19	DCmpD1	Combination		0	0	73.9879	0	0	0
Story2	10	19	DCmpD2	Combination		0	0	78.7534	0	0	0
Story2	10	19	DCmpS1	Combination		0	0	103.5831	0	0	0
Story2	10	19	DCmpS2	Combination		0	0	111.2079	0	0	0
Story2	10	19	DCmpC1	Combination		0	0	103.5831	0	0	0
Story2	11	21	Dead	LinStatic		0	0	74.7564	0	0	0
Story2	11	21	Live	LinStatic		0	0	6.0175	0	0	0
Story2	11	21	WIND	LinStatic		0	0	-4.1053	0	0	0
Story2	11	21	EQX	LinStatic	Max	0	0	-0.0347	0	0	0
Story2	11	21	EQX	LinStatic	Min	0	0	-0.0347	0	0	0
Story2	11	21	EQY	LinStatic	Max	0	0	0.1627	0	0	0
Story2	11	21	EQY	LinStatic	Min	0	0	0.1627	0	0	0
Story2	11	21	DSlbS1	Combination		0	0	104.6589	0	0	0
Story2	11	21	DSlbS2	Combination		0	0	114.287	0	0	0
Story2	11	21	DSlbS3	Combination		0	0	92.0023	0	0	0
Story2	11	21	DSlbS4	Combination		0	0	101.8551	0	0	0
Story2	11	21	DSlbS5	Combination		0	0	98.9115	0	0	0
Story2	11	21	DSlbS6	Combination		0	0	110.4064	0	0	0
Story2	11	21	DSlbS7	Combination		0	0	69.0089	0	0	0
Story2	11	21	DSlbS8	Combination		0	0	80.5039	0	0	0
Story2	11	21	DStIS1	Combination		0	0	104.6589	0	0	0
Story2	11	21	DStIS2	Combination		0	0	114.287	0	0	0
Story2	11	21	DStIS3	Combination		0	0	92.0023	0	0	0
Story2	11	21	DStIS4	Combination		0	0	101.8551	0	0	0
Story2	11	21	DStIS5	Combination		0	0	98.9115	0	0	0
Story2	11	21	DStIS6	Combination		0	0	110.4064	0	0	0
Story2	11	21	DStIS7	Combination		0	0	69.0089	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	11	21	DStIS8	Combination		0	0	80.5039	0	0	0
Story2	11	21	DStIS9	Combination	Max	0	0	96.8871	0	0	0
Story2	11	21	DStIS9	Combination	Min	0	0	96.8871	0	0	0
Story2	11	21	DStIS10	Combination	Max	0	0	96.9703	0	0	0
Story2	11	21	DStIS10	Combination	Min	0	0	96.9703	0	0	0
Story2	11	21	DStIS11	Combination	Max	0	0	97.124	0	0	0
Story2	11	21	DStIS11	Combination	Min	0	0	97.124	0	0	0
Story2	11	21	DStIS12	Combination	Max	0	0	96.7334	0	0	0
Story2	11	21	DStIS12	Combination	Min	0	0	96.7334	0	0	0
Story2	11	21	DStIS13	Combination	Max	0	0	104.6104	0	0	0
Story2	11	21	DStIS13	Combination	Min	0	0	104.6104	0	0	0
Story2	11	21	DStIS14	Combination	Max	0	0	104.7075	0	0	0
Story2	11	21	DStIS14	Combination	Min	0	0	104.7075	0	0	0
Story2	11	21	DStIS15	Combination	Max	0	0	104.8868	0	0	0
Story2	11	21	DStIS15	Combination	Min	0	0	104.8868	0	0	0
Story2	11	21	DStIS16	Combination	Max	0	0	104.4311	0	0	0
Story2	11	21	DStIS16	Combination	Min	0	0	104.4311	0	0	0
Story2	11	21	DStIS17	Combination	Max	0	0	74.7078	0	0	0
Story2	11	21	DStIS17	Combination	Min	0	0	74.7078	0	0	0
Story2	11	21	DStIS18	Combination	Max	0	0	74.805	0	0	0
Story2	11	21	DStIS18	Combination	Min	0	0	74.805	0	0	0
Story2	11	21	DStIS19	Combination	Max	0	0	74.9842	0	0	0
Story2	11	21	DStIS19	Combination	Min	0	0	74.9842	0	0	0
Story2	11	21	DStIS20	Combination	Max	0	0	74.5286	0	0	0
Story2	11	21	DStIS20	Combination	Min	0	0	74.5286	0	0	0
Story2	11	21	DStID1	Combination		0	0	74.7564	0	0	0
Story2	11	21	DStID2	Combination		0	0	80.7739	0	0	0
Story2	11	21	DConS1	Combination		0	0	104.6589	0	0	0
Story2	11	21	DConS2	Combination		0	0	114.287	0	0	0
Story2	11	21	DConS3	Combination		0	0	92.0023	0	0	0
Story2	11	21	DConS4	Combination		0	0	101.8551	0	0	0
Story2	11	21	DConS5	Combination		0	0	98.9115	0	0	0
Story2	11	21	DConS6	Combination		0	0	110.4064	0	0	0
Story2	11	21	DConS7	Combination		0	0	69.0089	0	0	0
Story2	11	21	DConS8	Combination		0	0	80.5039	0	0	0
Story2	11	21	DConS9	Combination	Max	0	0	96.8871	0	0	0
Story2	11	21	DConS9	Combination	Min	0	0	96.8871	0	0	0
Story2	11	21	DConS10	Combination	Max	0	0	96.9703	0	0	0
Story2	11	21	DConS10	Combination	Min	0	0	96.9703	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	11	21	DConS11	Combination	Max	0	0	97.124	0	0	0
Story2	11	21	DConS11	Combination	Min	0	0	97.124	0	0	0
Story2	11	21	DConS12	Combination	Max	0	0	96.7334	0	0	0
Story2	11	21	DConS12	Combination	Min	0	0	96.7334	0	0	0
Story2	11	21	DConS13	Combination	Max	0	0	104.6104	0	0	0
Story2	11	21	DConS13	Combination	Min	0	0	104.6104	0	0	0
Story2	11	21	DConS14	Combination	Max	0	0	104.7075	0	0	0
Story2	11	21	DConS14	Combination	Min	0	0	104.7075	0	0	0
Story2	11	21	DConS15	Combination	Max	0	0	104.8868	0	0	0
Story2	11	21	DConS15	Combination	Min	0	0	104.8868	0	0	0
Story2	11	21	DConS16	Combination	Max	0	0	104.4311	0	0	0
Story2	11	21	DConS16	Combination	Min	0	0	104.4311	0	0	0
Story2	11	21	DConS17	Combination	Max	0	0	74.7078	0	0	0
Story2	11	21	DConS17	Combination	Min	0	0	74.7078	0	0	0
Story2	11	21	DConS18	Combination	Max	0	0	74.805	0	0	0
Story2	11	21	DConS18	Combination	Min	0	0	74.805	0	0	0
Story2	11	21	DConS19	Combination	Max	0	0	74.9842	0	0	0
Story2	11	21	DConS19	Combination	Min	0	0	74.9842	0	0	0
Story2	11	21	DConS20	Combination	Max	0	0	74.5286	0	0	0
Story2	11	21	DConS20	Combination	Min	0	0	74.5286	0	0	0
Story2	11	21	DCmpD1	Combination		0	0	74.7564	0	0	0
Story2	11	21	DCmpD2	Combination		0	0	80.7739	0	0	0
Story2	11	21	DCmpS1	Combination		0	0	104.6589	0	0	0
Story2	11	21	DCmpS2	Combination		0	0	114.287	0	0	0
Story2	11	21	DCmpC1	Combination		0	0	104.6589	0	0	0
Story2	12	23	Dead	LinStatic		0	0	76.2489	0	0	0
Story2	12	23	Live	LinStatic		0	0	6.4371	0	0	0
Story2	12	23	WIND	LinStatic		0	0	-4.1779	0	0	0
Story2	12	23	EQX	LinStatic	Max	0	0	0.0021	0	0	0
Story2	12	23	EQX	LinStatic	Min	0	0	0.0021	0	0	0
Story2	12	23	EQY	LinStatic	Max	0	0	0.1641	0	0	0
Story2	12	23	EQY	LinStatic	Min	0	0	0.1641	0	0	0
Story2	12	23	DSlbS1	Combination		0	0	106.7485	0	0	0
Story2	12	23	DSlbS2	Combination		0	0	117.0478	0	0	0
Story2	12	23	DSlbS3	Combination		0	0	94.2098	0	0	0
Story2	12	23	DSlbS4	Combination		0	0	104.2366	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	12	23	DSIbS5	Combination		0	0	100.8995	0	0	0
Story2	12	23	DSIbS6	Combination		0	0	112.5974	0	0	0
Story2	12	23	DSIbS7	Combination		0	0	70.3999	0	0	0
Story2	12	23	DSIbS8	Combination		0	0	82.0979	0	0	0
Story2	12	23	DStIS1	Combination		0	0	106.7485	0	0	0
Story2	12	23	DStIS2	Combination		0	0	117.0478	0	0	0
Story2	12	23	DStIS3	Combination		0	0	94.2098	0	0	0
Story2	12	23	DStIS4	Combination		0	0	104.2366	0	0	0
Story2	12	23	DStIS5	Combination		0	0	100.8995	0	0	0
Story2	12	23	DStIS6	Combination		0	0	112.5974	0	0	0
Story2	12	23	DStIS7	Combination		0	0	70.3999	0	0	0
Story2	12	23	DStIS8	Combination		0	0	82.0979	0	0	0
Story2	12	23	DStIS9	Combination	Max	0	0	99.2258	0	0	0
Story2	12	23	DStIS9	Combination	Min	0	0	99.2258	0	0	0
Story2	12	23	DStIS10	Combination	Max	0	0	99.2207	0	0	0
Story2	12	23	DStIS10	Combination	Min	0	0	99.2207	0	0	0
Story2	12	23	DStIS11	Combination	Max	0	0	99.4201	0	0	0
Story2	12	23	DStIS11	Combination	Min	0	0	99.4201	0	0	0
Story2	12	23	DStIS12	Combination	Max	0	0	99.0263	0	0	0
Story2	12	23	DStIS12	Combination	Min	0	0	99.0263	0	0	0
Story2	12	23	DStIS13	Combination	Max	0	0	106.7514	0	0	0
Story2	12	23	DStIS13	Combination	Min	0	0	106.7514	0	0	0
Story2	12	23	DStIS14	Combination	Max	0	0	106.7455	0	0	0
Story2	12	23	DStIS14	Combination	Min	0	0	106.7455	0	0	0
Story2	12	23	DStIS15	Combination	Max	0	0	106.9782	0	0	0
Story2	12	23	DStIS15	Combination	Min	0	0	106.9782	0	0	0
Story2	12	23	DStIS16	Combination	Max	0	0	106.5187	0	0	0
Story2	12	23	DStIS16	Combination	Min	0	0	106.5187	0	0	0
Story2	12	23	DStIS17	Combination	Max	0	0	76.2519	0	0	0
Story2	12	23	DStIS17	Combination	Min	0	0	76.2519	0	0	0
Story2	12	23	DStIS18	Combination	Max	0	0	76.2459	0	0	0
Story2	12	23	DStIS18	Combination	Min	0	0	76.2459	0	0	0
Story2	12	23	DStIS19	Combination	Max	0	0	76.4786	0	0	0
Story2	12	23	DStIS19	Combination	Min	0	0	76.4786	0	0	0
Story2	12	23	DStIS20	Combination	Max	0	0	76.0192	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	12	23	DStIS20	Combination	Min	0	0	76.0192	0	0	0
Story2	12	23	DStID1	Combination		0	0	76.2489	0	0	0
Story2	12	23	DStID2	Combination		0	0	82.686	0	0	0
Story2	12	23	DConS1	Combination		0	0	106.7485	0	0	0
Story2	12	23	DConS2	Combination		0	0	117.0478	0	0	0
Story2	12	23	DConS3	Combination		0	0	94.2098	0	0	0
Story2	12	23	DConS4	Combination		0	0	104.2366	0	0	0
Story2	12	23	DConS5	Combination		0	0	100.8995	0	0	0
Story2	12	23	DConS6	Combination		0	0	112.5974	0	0	0
Story2	12	23	DConS7	Combination		0	0	70.3999	0	0	0
Story2	12	23	DConS8	Combination		0	0	82.0979	0	0	0
Story2	12	23	DConS9	Combination	Max	0	0	99.2258	0	0	0
Story2	12	23	DConS9	Combination	Min	0	0	99.2258	0	0	0
Story2	12	23	DConS10	Combination	Max	0	0	99.2207	0	0	0
Story2	12	23	DConS10	Combination	Min	0	0	99.2207	0	0	0
Story2	12	23	DConS11	Combination	Max	0	0	99.4201	0	0	0
Story2	12	23	DConS11	Combination	Min	0	0	99.4201	0	0	0
Story2	12	23	DConS12	Combination	Max	0	0	99.0263	0	0	0
Story2	12	23	DConS12	Combination	Min	0	0	99.0263	0	0	0
Story2	12	23	DConS13	Combination	Max	0	0	106.7514	0	0	0
Story2	12	23	DConS13	Combination	Min	0	0	106.7514	0	0	0
Story2	12	23	DConS14	Combination	Max	0	0	106.7455	0	0	0
Story2	12	23	DConS14	Combination	Min	0	0	106.7455	0	0	0
Story2	12	23	DConS15	Combination	Max	0	0	106.9782	0	0	0
Story2	12	23	DConS15	Combination	Min	0	0	106.9782	0	0	0
Story2	12	23	DConS16	Combination	Max	0	0	106.5187	0	0	0
Story2	12	23	DConS16	Combination	Min	0	0	106.5187	0	0	0
Story2	12	23	DConS17	Combination	Max	0	0	76.2519	0	0	0
Story2	12	23	DConS17	Combination	Min	0	0	76.2519	0	0	0
Story2	12	23	DConS18	Combination	Max	0	0	76.2459	0	0	0
Story2	12	23	DConS18	Combination	Min	0	0	76.2459	0	0	0
Story2	12	23	DConS19	Combination	Max	0	0	76.4786	0	0	0
Story2	12	23	DConS19	Combination	Min	0	0	76.4786	0	0	0
Story2	12	23	DConS20	Combination	Max	0	0	76.0192	0	0	0
Story2	12	23	DConS20	Combination	Min	0	0	76.0192	0	0	0
Story2	12	23	DCmpD1	Combination		0	0	76.2489	0	0	0
Story2	12	23	DCmpD2	Combination		0	0	82.686	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	12	23	DCmpS1	Combination		0	0	106.7485	0	0	0
Story2	12	23	DCmpS2	Combination		0	0	117.0478	0	0	0
Story2	12	23	DCmpC1	Combination		0	0	106.7485	0	0	0
Story2	13	25	Dead	LinStatic		0	0	74.8513	0	0	0
Story2	13	25	Live	LinStatic		0	0	6.0428	0	0	0
Story2	13	25	WIND	LinStatic		0	0	-4.1111	0	0	0
Story2	13	25	EQX	LinStatic	Max	0	0	0.0375	0	0	0
Story2	13	25	EQX	LinStatic	Min	0	0	0.0375	0	0	0
Story2	13	25	EQY	LinStatic	Max	0	0	0.1769	0	0	0
Story2	13	25	EQY	LinStatic	Min	0	0	0.1769	0	0	0
Story2	13	25	DSlbS1	Combination		0	0	104.7919	0	0	0
Story2	13	25	DSlbS2	Combination		0	0	114.4604	0	0	0
Story2	13	25	DSlbS3	Combination		0	0	92.1397	0	0	0
Story2	13	25	DSlbS4	Combination		0	0	102.0063	0	0	0
Story2	13	25	DSlbS5	Combination		0	0	99.0363	0	0	0
Story2	13	25	DSlbS6	Combination		0	0	110.5474	0	0	0
Story2	13	25	DSlbS7	Combination		0	0	69.0958	0	0	0
Story2	13	25	DSlbS8	Combination		0	0	80.6069	0	0	0
Story2	13	25	DStIS1	Combination		0	0	104.7919	0	0	0
Story2	13	25	DStIS2	Combination		0	0	114.4604	0	0	0
Story2	13	25	DStIS3	Combination		0	0	92.1397	0	0	0
Story2	13	25	DStIS4	Combination		0	0	102.0063	0	0	0
Story2	13	25	DStIS5	Combination		0	0	99.0363	0	0	0
Story2	13	25	DStIS6	Combination		0	0	110.5474	0	0	0
Story2	13	25	DStIS7	Combination		0	0	69.0958	0	0	0
Story2	13	25	DStIS8	Combination		0	0	80.6069	0	0	0
Story2	13	25	DStIS9	Combination	Max	0	0	97.118	0	0	0
Story2	13	25	DStIS9	Combination	Min	0	0	97.118	0	0	0
Story2	13	25	DStIS10	Combination	Max	0	0	97.028	0	0	0
Story2	13	25	DStIS10	Combination	Min	0	0	97.028	0	0	0
Story2	13	25	DStIS11	Combination	Max	0	0	97.2853	0	0	0
Story2	13	25	DStIS11	Combination	Min	0	0	97.2853	0	0	0
Story2	13	25	DStIS12	Combination	Max	0	0	96.8607	0	0	0
Story2	13	25	DStIS12	Combination	Min	0	0	96.8607	0	0	0
Story2	13	25	DStIS13	Combination	Max	0	0	104.8443	0	0	0
Story2	13	25	DStIS13	Combination	Min	0	0	104.8443	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	13	25	DStIS14	Combination	Max	0	0	104.7394	0	0	0
Story2	13	25	DStIS14	Combination	Min	0	0	104.7394	0	0	0
Story2	13	25	DStIS15	Combination	Max	0	0	105.0396	0	0	0
Story2	13	25	DStIS15	Combination	Min	0	0	105.0396	0	0	0
Story2	13	25	DStIS16	Combination	Max	0	0	104.5442	0	0	0
Story2	13	25	DStIS16	Combination	Min	0	0	104.5442	0	0	0
Story2	13	25	DStIS17	Combination	Max	0	0	74.9038	0	0	0
Story2	13	25	DStIS17	Combination	Min	0	0	74.9038	0	0	0
Story2	13	25	DStIS18	Combination	Max	0	0	74.7989	0	0	0
Story2	13	25	DStIS18	Combination	Min	0	0	74.7989	0	0	0
Story2	13	25	DStIS19	Combination	Max	0	0	75.099	0	0	0
Story2	13	25	DStIS19	Combination	Min	0	0	75.099	0	0	0
Story2	13	25	DStIS20	Combination	Max	0	0	74.6037	0	0	0
Story2	13	25	DStIS20	Combination	Min	0	0	74.6037	0	0	0
Story2	13	25	DStID1	Combination		0	0	74.8513	0	0	0
Story2	13	25	DStID2	Combination		0	0	80.8942	0	0	0
Story2	13	25	DConS1	Combination		0	0	104.7919	0	0	0
Story2	13	25	DConS2	Combination		0	0	114.4604	0	0	0
Story2	13	25	DConS3	Combination		0	0	92.1397	0	0	0
Story2	13	25	DConS4	Combination		0	0	102.0063	0	0	0
Story2	13	25	DConS5	Combination		0	0	99.0363	0	0	0
Story2	13	25	DConS6	Combination		0	0	110.5474	0	0	0
Story2	13	25	DConS7	Combination		0	0	69.0958	0	0	0
Story2	13	25	DConS8	Combination		0	0	80.6069	0	0	0
Story2	13	25	DConS9	Combination	Max	0	0	97.118	0	0	0
Story2	13	25	DConS9	Combination	Min	0	0	97.118	0	0	0
Story2	13	25	DConS10	Combination	Max	0	0	97.028	0	0	0
Story2	13	25	DConS10	Combination	Min	0	0	97.028	0	0	0
Story2	13	25	DConS11	Combination	Max	0	0	97.2853	0	0	0
Story2	13	25	DConS11	Combination	Min	0	0	97.2853	0	0	0
Story2	13	25	DConS12	Combination	Max	0	0	96.8607	0	0	0
Story2	13	25	DConS12	Combination	Min	0	0	96.8607	0	0	0
Story2	13	25	DConS13	Combination	Max	0	0	104.8443	0	0	0
Story2	13	25	DConS13	Combination	Min	0	0	104.8443	0	0	0
Story2	13	25	DConS14	Combination	Max	0	0	104.7394	0	0	0
Story2	13	25	DConS14	Combination	Min	0	0	104.7394	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	13	25	DConS15	Combination	Max	0	0	105.0396	0	0	0
Story2	13	25	DConS15	Combination	Min	0	0	105.0396	0	0	0
Story2	13	25	DConS16	Combination	Max	0	0	104.5442	0	0	0
Story2	13	25	DConS16	Combination	Min	0	0	104.5442	0	0	0
Story2	13	25	DConS17	Combination	Max	0	0	74.9038	0	0	0
Story2	13	25	DConS17	Combination	Min	0	0	74.9038	0	0	0
Story2	13	25	DConS18	Combination	Max	0	0	74.7989	0	0	0
Story2	13	25	DConS18	Combination	Min	0	0	74.7989	0	0	0
Story2	13	25	DConS19	Combination	Max	0	0	75.099	0	0	0
Story2	13	25	DConS19	Combination	Min	0	0	75.099	0	0	0
Story2	13	25	DConS20	Combination	Max	0	0	74.6037	0	0	0
Story2	13	25	DConS20	Combination	Min	0	0	74.6037	0	0	0
Story2	13	25	DCmpD1	Combination		0	0	74.8513	0	0	0
Story2	13	25	DCmpD2	Combination		0	0	80.8942	0	0	0
Story2	13	25	DCmpS1	Combination		0	0	104.7919	0	0	0
Story2	13	25	DCmpS2	Combination		0	0	114.4604	0	0	0
Story2	13	25	DCmpC1	Combination		0	0	104.7919	0	0	0
Story2	14	27	Dead	LinStatic		0	0	74.0564	0	0	0
Story2	14	27	Live	LinStatic		0	0	4.7909	0	0	0
Story2	14	27	WIND	LinStatic		0	0	-3.9581	0	0	0
Story2	14	27	EQX	LinStatic	Max	0	0	-0.0278	0	0	0
Story2	14	27	EQX	LinStatic	Min	0	0	-0.0278	0	0	0
Story2	14	27	EQY	LinStatic	Max	0	0	0.1552	0	0	0
Story2	14	27	EQY	LinStatic	Min	0	0	0.1552	0	0	0
Story2	14	27	DSlbS1	Combination		0	0	103.6789	0	0	0
Story2	14	27	DSlbS2	Combination		0	0	111.3444	0	0	0
Story2	14	27	DSlbS3	Combination		0	0	89.867	0	0	0
Story2	14	27	DSlbS4	Combination		0	0	99.3665	0	0	0
Story2	14	27	DSlbS5	Combination		0	0	98.1375	0	0	0
Story2	14	27	DSlbS6	Combination		0	0	109.2203	0	0	0
Story2	14	27	DSlbS7	Combination		0	0	68.515	0	0	0
Story2	14	27	DSlbS8	Combination		0	0	79.5978	0	0	0
Story2	14	27	DStlS1	Combination		0	0	103.6789	0	0	0
Story2	14	27	DStlS2	Combination		0	0	111.3444	0	0	0
Story2	14	27	DStlS3	Combination		0	0	89.867	0	0	0
Story2	14	27	DStlS4	Combination		0	0	99.3665	0	0	0
Story2	14	27	DStlS5	Combination		0	0	98.1375	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	14	27	DStIS6	Combination		0	0	109.2203	0	0	0
Story2	14	27	DStIS7	Combination		0	0	68.515	0	0	0
Story2	14	27	DStIS8	Combination		0	0	79.5978	0	0	0
Story2	14	27	DStIS9	Combination	Max	0	0	94.5835	0	0	0
Story2	14	27	DStIS9	Combination	Min	0	0	94.5835	0	0	0
Story2	14	27	DStIS10	Combination	Max	0	0	94.6501	0	0	0
Story2	14	27	DStIS10	Combination	Min	0	0	94.6501	0	0	0
Story2	14	27	DStIS11	Combination	Max	0	0	94.803	0	0	0
Story2	14	27	DStIS11	Combination	Min	0	0	94.803	0	0	0
Story2	14	27	DStIS12	Combination	Max	0	0	94.4306	0	0	0
Story2	14	27	DStIS12	Combination	Min	0	0	94.4306	0	0	0
Story2	14	27	DStIS13	Combination	Max	0	0	103.64	0	0	0
Story2	14	27	DStIS13	Combination	Min	0	0	103.64	0	0	0
Story2	14	27	DStIS14	Combination	Max	0	0	103.7178	0	0	0
Story2	14	27	DStIS14	Combination	Min	0	0	103.7178	0	0	0
Story2	14	27	DStIS15	Combination	Max	0	0	103.8961	0	0	0
Story2	14	27	DStIS15	Combination	Min	0	0	103.8961	0	0	0
Story2	14	27	DStIS16	Combination	Max	0	0	103.4617	0	0	0
Story2	14	27	DStIS16	Combination	Min	0	0	103.4617	0	0	0
Story2	14	27	DStIS17	Combination	Max	0	0	74.0175	0	0	0
Story2	14	27	DStIS17	Combination	Min	0	0	74.0175	0	0	0
Story2	14	27	DStIS18	Combination	Max	0	0	74.0952	0	0	0
Story2	14	27	DStIS18	Combination	Min	0	0	74.0952	0	0	0
Story2	14	27	DStIS19	Combination	Max	0	0	74.2736	0	0	0
Story2	14	27	DStIS19	Combination	Min	0	0	74.2736	0	0	0
Story2	14	27	DStIS20	Combination	Max	0	0	73.8391	0	0	0
Story2	14	27	DStIS20	Combination	Min	0	0	73.8391	0	0	0
Story2	14	27	DStID1	Combination		0	0	74.0564	0	0	0
Story2	14	27	DStID2	Combination		0	0	78.8473	0	0	0
Story2	14	27	DConS1	Combination		0	0	103.6789	0	0	0
Story2	14	27	DConS2	Combination		0	0	111.3444	0	0	0
Story2	14	27	DConS3	Combination		0	0	89.867	0	0	0
Story2	14	27	DConS4	Combination		0	0	99.3665	0	0	0
Story2	14	27	DConS5	Combination		0	0	98.1375	0	0	0
Story2	14	27	DConS6	Combination		0	0	109.2203	0	0	0
Story2	14	27	DConS7	Combination		0	0	68.515	0	0	0
Story2	14	27	DConS8	Combination		0	0	79.5978	0	0	0
Story2	14	27	DConS9	Combination	Max	0	0	94.5835	0	0	0
Story2	14	27	DConS9	Combination	Min	0	0	94.5835	0	0	0
Story2	14	27	DConS10	Combination	Max	0	0	94.6501	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	14	27	DConS10	Combination	Min	0	0	94.6501	0	0	0
Story2	14	27	DConS11	Combination	Max	0	0	94.803	0	0	0
Story2	14	27	DConS11	Combination	Min	0	0	94.803	0	0	0
Story2	14	27	DConS12	Combination	Max	0	0	94.4306	0	0	0
Story2	14	27	DConS12	Combination	Min	0	0	94.4306	0	0	0
Story2	14	27	DConS13	Combination	Max	0	0	103.64	0	0	0
Story2	14	27	DConS13	Combination	Min	0	0	103.64	0	0	0
Story2	14	27	DConS14	Combination	Max	0	0	103.7178	0	0	0
Story2	14	27	DConS14	Combination	Min	0	0	103.7178	0	0	0
Story2	14	27	DConS15	Combination	Max	0	0	103.8961	0	0	0
Story2	14	27	DConS15	Combination	Min	0	0	103.8961	0	0	0
Story2	14	27	DConS16	Combination	Max	0	0	103.4617	0	0	0
Story2	14	27	DConS16	Combination	Min	0	0	103.4617	0	0	0
Story2	14	27	DConS17	Combination	Max	0	0	74.0175	0	0	0
Story2	14	27	DConS17	Combination	Min	0	0	74.0175	0	0	0
Story2	14	27	DConS18	Combination	Max	0	0	74.0952	0	0	0
Story2	14	27	DConS18	Combination	Min	0	0	74.0952	0	0	0
Story2	14	27	DConS19	Combination	Max	0	0	74.2736	0	0	0
Story2	14	27	DConS19	Combination	Min	0	0	74.2736	0	0	0
Story2	14	27	DConS20	Combination	Max	0	0	73.8391	0	0	0
Story2	14	27	DConS20	Combination	Min	0	0	73.8391	0	0	0
Story2	14	27	DCmpD1	Combination		0	0	74.0564	0	0	0
Story2	14	27	DCmpD2	Combination		0	0	78.8473	0	0	0
Story2	14	27	DCmpS1	Combination		0	0	103.6789	0	0	0
Story2	14	27	DCmpS2	Combination		0	0	111.3444	0	0	0
Story2	14	27	DCmpC1	Combination		0	0	103.6789	0	0	0
Story2	15	29	Dead	LinStatic		0	0	114.4671	0	0	0
Story2	15	29	Live	LinStatic		0	0	17.0963	0	0	0
Story2	15	29	WIND	LinStatic		0	0	3.3371	0	0	0
Story2	15	29	EQX	LinStatic	Max	0	0	2.2376	0	0	0
Story2	15	29	EQX	LinStatic	Min	0	0	2.2376	0	0	0
Story2	15	29	EQY	LinStatic	Max	0	0	-5.0263	0	0	0
Story2	15	29	EQY	LinStatic	Min	0	0	-5.0263	0	0	0
Story2	15	29	DSlbs1	Combination		0	0	160.254	0	0	0
Story2	15	29	DSlbs2	Combination		0	0	187.608	0	0	0
Story2	15	29	DSlbs3	Combination		0	0	161.8806	0	0	0
Story2	15	29	DSlbs4	Combination		0	0	153.8715	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	15	29	DSIbS5	Combination		0	0	164.9259	0	0	0
Story2	15	29	DSIbS6	Combination		0	0	155.582	0	0	0
Story2	15	29	DSIbS7	Combination		0	0	119.1391	0	0	0
Story2	15	29	DSIbS8	Combination		0	0	109.7951	0	0	0
Story2	15	29	DStIS1	Combination		0	0	160.254	0	0	0
Story2	15	29	DStIS2	Combination		0	0	187.608	0	0	0
Story2	15	29	DStIS3	Combination		0	0	161.8806	0	0	0
Story2	15	29	DStIS4	Combination		0	0	153.8715	0	0	0
Story2	15	29	DStIS5	Combination		0	0	164.9259	0	0	0
Story2	15	29	DStIS6	Combination		0	0	155.582	0	0	0
Story2	15	29	DStIS7	Combination		0	0	119.1391	0	0	0
Story2	15	29	DStIS8	Combination		0	0	109.7951	0	0	0
Story2	15	29	DStIS9	Combination	Max	0	0	160.5612	0	0	0
Story2	15	29	DStIS9	Combination	Min	0	0	160.5612	0	0	0
Story2	15	29	DStIS10	Combination	Max	0	0	155.1909	0	0	0
Story2	15	29	DStIS10	Combination	Min	0	0	155.1909	0	0	0
Story2	15	29	DStIS11	Combination	Max	0	0	151.8445	0	0	0
Story2	15	29	DStIS11	Combination	Min	0	0	151.8445	0	0	0
Story2	15	29	DStIS12	Combination	Max	0	0	163.9076	0	0	0
Story2	15	29	DStIS12	Combination	Min	0	0	163.9076	0	0	0
Story2	15	29	DStIS13	Combination	Max	0	0	163.3866	0	0	0
Story2	15	29	DStIS13	Combination	Min	0	0	163.3866	0	0	0
Story2	15	29	DStIS14	Combination	Max	0	0	157.1213	0	0	0
Story2	15	29	DStIS14	Combination	Min	0	0	157.1213	0	0	0
Story2	15	29	DStIS15	Combination	Max	0	0	153.2171	0	0	0
Story2	15	29	DStIS15	Combination	Min	0	0	153.2171	0	0	0
Story2	15	29	DStIS16	Combination	Max	0	0	167.2908	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	15	29	DStIS16	Combination	Min	0	0	167.2908	0	0	0
Story2	15	29	DStIS17	Combination	Max	0	0	117.5998	0	0	0
Story2	15	29	DStIS17	Combination	Min	0	0	117.5998	0	0	0
Story2	15	29	DStIS18	Combination	Max	0	0	111.3345	0	0	0
Story2	15	29	DStIS18	Combination	Min	0	0	111.3345	0	0	0
Story2	15	29	DStIS19	Combination	Max	0	0	107.4303	0	0	0
Story2	15	29	DStIS19	Combination	Min	0	0	107.4303	0	0	0
Story2	15	29	DStIS20	Combination	Max	0	0	121.5039	0	0	0
Story2	15	29	DStIS20	Combination	Min	0	0	121.5039	0	0	0
Story2	15	29	DStID1	Combination		0	0	114.4671	0	0	0
Story2	15	29	DStID2	Combination		0	0	131.5634	0	0	0
Story2	15	29	DConS1	Combination		0	0	160.254	0	0	0
Story2	15	29	DConS2	Combination		0	0	187.608	0	0	0
Story2	15	29	DConS3	Combination		0	0	161.8806	0	0	0
Story2	15	29	DConS4	Combination		0	0	153.8715	0	0	0
Story2	15	29	DConS5	Combination		0	0	164.9259	0	0	0
Story2	15	29	DConS6	Combination		0	0	155.582	0	0	0
Story2	15	29	DConS7	Combination		0	0	119.1391	0	0	0
Story2	15	29	DConS8	Combination		0	0	109.7951	0	0	0
Story2	15	29	DConS9	Combination	Max	0	0	160.5612	0	0	0
Story2	15	29	DConS9	Combination	Min	0	0	160.5612	0	0	0
Story2	15	29	DConS10	Combination	Max	0	0	155.1909	0	0	0
Story2	15	29	DConS10	Combination	Min	0	0	155.1909	0	0	0
Story2	15	29	DConS11	Combination	Max	0	0	151.8445	0	0	0
Story2	15	29	DConS11	Combination	Min	0	0	151.8445	0	0	0
Story2	15	29	DConS12	Combination	Max	0	0	163.9076	0	0	0
Story2	15	29	DConS12	Combination	Min	0	0	163.9076	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	15	29	DConS13	Combination	Max	0	0	163.3866	0	0	0
Story2	15	29	DConS13	Combination	Min	0	0	163.3866	0	0	0
Story2	15	29	DConS14	Combination	Max	0	0	157.1213	0	0	0
Story2	15	29	DConS14	Combination	Min	0	0	157.1213	0	0	0
Story2	15	29	DConS15	Combination	Max	0	0	153.2171	0	0	0
Story2	15	29	DConS15	Combination	Min	0	0	153.2171	0	0	0
Story2	15	29	DConS16	Combination	Max	0	0	167.2908	0	0	0
Story2	15	29	DConS16	Combination	Min	0	0	167.2908	0	0	0
Story2	15	29	DConS17	Combination	Max	0	0	117.5998	0	0	0
Story2	15	29	DConS17	Combination	Min	0	0	117.5998	0	0	0
Story2	15	29	DConS18	Combination	Max	0	0	111.3345	0	0	0
Story2	15	29	DConS18	Combination	Min	0	0	111.3345	0	0	0
Story2	15	29	DConS19	Combination	Max	0	0	107.4303	0	0	0
Story2	15	29	DConS19	Combination	Min	0	0	107.4303	0	0	0
Story2	15	29	DConS20	Combination	Max	0	0	121.5039	0	0	0
Story2	15	29	DConS20	Combination	Min	0	0	121.5039	0	0	0
Story2	15	29	DCmpD1	Combination		0	0	114.4671	0	0	0
Story2	15	29	DCmpD2	Combination		0	0	131.5634	0	0	0
Story2	15	29	DCmpS1	Combination		0	0	160.254	0	0	0
Story2	15	29	DCmpS2	Combination		0	0	187.608	0	0	0
Story2	15	29	DCmpC1	Combination		0	0	160.254	0	0	0
Story2	18	35	Dead	LinStatic		0	0	113.0452	0	0	0
Story2	18	35	Live	LinStatic		0	0	16.617	0	0	0
Story2	18	35	WIND	LinStatic		0	0	-8.5847	0	0	0
Story2	18	35	EQX	LinStatic	Max	0	0	2.3809	0	0	0
Story2	18	35	EQX	LinStatic	Min	0	0	2.3809	0	0	0
Story2	18	35	EQY	LinStatic	Max	0	0	4.664	0	0	0
Story2	18	35	EQY	LinStatic	Min	0	0	4.664	0	0	0
Story2	18	35	DSlbs1	Combination		0	0	158.2633	0	0	0
Story2	18	35	DSlbs2	Combination		0	0	184.8505	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	18	35	DSIbS3	Combination		0	0	145.293	0	0	0
Story2	18	35	DSIbS4	Combination		0	0	165.8963	0	0	0
Story2	18	35	DSIbS5	Combination		0	0	146.2446	0	0	0
Story2	18	35	DSIbS6	Combination		0	0	170.2819	0	0	0
Story2	18	35	DSIbS7	Combination		0	0	101.0266	0	0	0
Story2	18	35	DSIbS8	Combination		0	0	125.0638	0	0	0
Story2	18	35	DStIS1	Combination		0	0	158.2633	0	0	0
Story2	18	35	DStIS2	Combination		0	0	184.8505	0	0	0
Story2	18	35	DStIS3	Combination		0	0	145.293	0	0	0
Story2	18	35	DStIS4	Combination		0	0	165.8963	0	0	0
Story2	18	35	DStIS5	Combination		0	0	146.2446	0	0	0
Story2	18	35	DStIS6	Combination		0	0	170.2819	0	0	0
Story2	18	35	DStIS7	Combination		0	0	101.0266	0	0	0
Story2	18	35	DStIS8	Combination		0	0	125.0638	0	0	0
Story2	18	35	DStIS9	Combination	Max	0	0	158.4518	0	0	0
Story2	18	35	DStIS9	Combination	Min	0	0	158.4518	0	0	0
Story2	18	35	DStIS10	Combination	Max	0	0	152.7375	0	0	0
Story2	18	35	DStIS10	Combination	Min	0	0	152.7375	0	0	0
Story2	18	35	DStIS11	Combination	Max	0	0	161.1914	0	0	0
Story2	18	35	DStIS11	Combination	Min	0	0	161.1914	0	0	0
Story2	18	35	DStIS12	Combination	Max	0	0	149.9979	0	0	0
Story2	18	35	DStIS12	Combination	Min	0	0	149.9979	0	0	0
Story2	18	35	DStIS13	Combination	Max	0	0	161.5966	0	0	0
Story2	18	35	DStIS13	Combination	Min	0	0	161.5966	0	0	0
Story2	18	35	DStIS14	Combination	Max	0	0	154.93	0	0	0
Story2	18	35	DStIS14	Combination	Min	0	0	154.93	0	0	0
Story2	18	35	DStIS15	Combination	Max	0	0	164.7929	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	18	35	DStIS15	Combination	Min	0	0	164.7929	0	0	0
Story2	18	35	DStIS16	Combination	Max	0	0	151.7337	0	0	0
Story2	18	35	DStIS16	Combination	Min	0	0	151.7337	0	0	0
Story2	18	35	DStIS17	Combination	Max	0	0	116.3785	0	0	0
Story2	18	35	DStIS17	Combination	Min	0	0	116.3785	0	0	0
Story2	18	35	DStIS18	Combination	Max	0	0	109.7119	0	0	0
Story2	18	35	DStIS18	Combination	Min	0	0	109.7119	0	0	0
Story2	18	35	DStIS19	Combination	Max	0	0	119.5748	0	0	0
Story2	18	35	DStIS19	Combination	Min	0	0	119.5748	0	0	0
Story2	18	35	DStIS20	Combination	Max	0	0	106.5156	0	0	0
Story2	18	35	DStIS20	Combination	Min	0	0	106.5156	0	0	0
Story2	18	35	DStID1	Combination		0	0	113.0452	0	0	0
Story2	18	35	DStID2	Combination		0	0	129.6622	0	0	0
Story2	18	35	DConS1	Combination		0	0	158.2633	0	0	0
Story2	18	35	DConS2	Combination		0	0	184.8505	0	0	0
Story2	18	35	DConS3	Combination		0	0	145.293	0	0	0
Story2	18	35	DConS4	Combination		0	0	165.8963	0	0	0
Story2	18	35	DConS5	Combination		0	0	146.2446	0	0	0
Story2	18	35	DConS6	Combination		0	0	170.2819	0	0	0
Story2	18	35	DConS7	Combination		0	0	101.0266	0	0	0
Story2	18	35	DConS8	Combination		0	0	125.0638	0	0	0
Story2	18	35	DConS9	Combination	Max	0	0	158.4518	0	0	0
Story2	18	35	DConS9	Combination	Min	0	0	158.4518	0	0	0
Story2	18	35	DConS10	Combination	Max	0	0	152.7375	0	0	0
Story2	18	35	DConS10	Combination	Min	0	0	152.7375	0	0	0
Story2	18	35	DConS11	Combination	Max	0	0	161.1914	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	18	35	DConS11	Combination	Min	0	0	161.1914	0	0	0
Story2	18	35	DConS12	Combination	Max	0	0	149.9979	0	0	0
Story2	18	35	DConS12	Combination	Min	0	0	149.9979	0	0	0
Story2	18	35	DConS13	Combination	Max	0	0	161.5966	0	0	0
Story2	18	35	DConS13	Combination	Min	0	0	161.5966	0	0	0
Story2	18	35	DConS14	Combination	Max	0	0	154.93	0	0	0
Story2	18	35	DConS14	Combination	Min	0	0	154.93	0	0	0
Story2	18	35	DConS15	Combination	Max	0	0	164.7929	0	0	0
Story2	18	35	DConS15	Combination	Min	0	0	164.7929	0	0	0
Story2	18	35	DConS16	Combination	Max	0	0	151.7337	0	0	0
Story2	18	35	DConS16	Combination	Min	0	0	151.7337	0	0	0
Story2	18	35	DConS17	Combination	Max	0	0	116.3785	0	0	0
Story2	18	35	DConS17	Combination	Min	0	0	116.3785	0	0	0
Story2	18	35	DConS18	Combination	Max	0	0	109.7119	0	0	0
Story2	18	35	DConS18	Combination	Min	0	0	109.7119	0	0	0
Story2	18	35	DConS19	Combination	Max	0	0	119.5748	0	0	0
Story2	18	35	DConS19	Combination	Min	0	0	119.5748	0	0	0
Story2	18	35	DConS20	Combination	Max	0	0	106.5156	0	0	0
Story2	18	35	DConS20	Combination	Min	0	0	106.5156	0	0	0
Story2	18	35	DCmpD1	Combination		0	0	113.0452	0	0	0
Story2	18	35	DCmpD2	Combination		0	0	129.6622	0	0	0
Story2	18	35	DCmpS1	Combination		0	0	158.2633	0	0	0
Story2	18	35	DCmpS2	Combination		0	0	184.8505	0	0	0
Story2	18	35	DCmpC1	Combination		0	0	158.2633	0	0	0
Story2	29	66	Dead	LinStatic		0	0	17.8391	0	0	0
Story2	29	66	Live	LinStatic		0	0	3.8714	0	0	0
Story2	29	66	WIND	LinStatic		0	0	2.5107	0	0	0
Story2	29	66	EQX	LinStatic	Max	0	0	0.5576	0	0	0
Story2	29	66	EQX	LinStatic	Min	0	0	0.5576	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	29	66	EQY	LinStatic	Max	0	0	-0.083	0	0	0
Story2	29	66	EQY	LinStatic	Min	0	0	-0.083	0	0	0
Story2	29	66	DSlbS1	Combination		0	0	24.9747	0	0	0
Story2	29	66	DSlbS2	Combination		0	0	31.1689	0	0	0
Story2	29	66	DSlbS3	Combination		0	0	29.0654	0	0	0
Story2	29	66	DSlbS4	Combination		0	0	23.0397	0	0	0
Story2	29	66	DSlbS5	Combination		0	0	28.4897	0	0	0
Story2	29	66	DSlbS6	Combination		0	0	21.4597	0	0	0
Story2	29	66	DSlbS7	Combination		0	0	21.3541	0	0	0
Story2	29	66	DSlbS8	Combination		0	0	14.3241	0	0	0
Story2	29	66	DStIS1	Combination		0	0	24.9747	0	0	0
Story2	29	66	DStIS2	Combination		0	0	31.1689	0	0	0
Story2	29	66	DStIS3	Combination		0	0	29.0654	0	0	0
Story2	29	66	DStIS4	Combination		0	0	23.0397	0	0	0
Story2	29	66	DStIS5	Combination		0	0	28.4897	0	0	0
Story2	29	66	DStIS6	Combination		0	0	21.4597	0	0	0
Story2	29	66	DStIS7	Combination		0	0	21.3541	0	0	0
Story2	29	66	DStIS8	Combination		0	0	14.3241	0	0	0
Story2	29	66	DStIS9	Combination	Max	0	0	26.7217	0	0	0
Story2	29	66	DStIS9	Combination	Min	0	0	26.7217	0	0	0
Story2	29	66	DStIS10	Combination	Max	0	0	25.3834	0	0	0
Story2	29	66	DStIS10	Combination	Min	0	0	25.3834	0	0	0
Story2	29	66	DStIS11	Combination	Max	0	0	25.953	0	0	0
Story2	29	66	DStIS11	Combination	Min	0	0	25.953	0	0	0
Story2	29	66	DStIS12	Combination	Max	0	0	26.1521	0	0	0
Story2	29	66	DStIS12	Combination	Min	0	0	26.1521	0	0	0
Story2	29	66	DStIS13	Combination	Max	0	0	25.7554	0	0	0
Story2	29	66	DStIS13	Combination	Min	0	0	25.7554	0	0	0
Story2	29	66	DStIS14	Combination	Max	0	0	24.194	0	0	0
Story2	29	66	DStIS14	Combination	Min	0	0	24.194	0	0	0
Story2	29	66	DStIS15	Combination	Max	0	0	24.8585	0	0	0
Story2	29	66	DStIS15	Combination	Min	0	0	24.8585	0	0	0
Story2	29	66	DStIS16	Combination	Max	0	0	25.0909	0	0	0
Story2	29	66	DStIS16	Combination	Min	0	0	25.0909	0	0	0
Story2	29	66	DStIS17	Combination	Max	0	0	18.6198	0	0	0
Story2	29	66	DStIS17	Combination	Min	0	0	18.6198	0	0	0
Story2	29	66	DStIS18	Combination	Max	0	0	17.0584	0	0	0
Story2	29	66	DStIS18	Combination	Min	0	0	17.0584	0	0	0
Story2	29	66	DStIS19	Combination	Max	0	0	17.7229	0	0	0
Story2	29	66	DStIS19	Combination	Min	0	0	17.7229	0	0	0
Story2	29	66	DStIS20	Combination	Max	0	0	17.9553	0	0	0
Story2	29	66	DStIS20	Combination	Min	0	0	17.9553	0	0	0
Story2	29	66	DStID1	Combination		0	0	17.8391	0	0	0
Story2	29	66	DStID2	Combination		0	0	21.7105	0	0	0
Story2	29	66	DConS1	Combination		0	0	24.9747	0	0	0
Story2	29	66	DConS2	Combination		0	0	31.1689	0	0	0
Story2	29	66	DConS3	Combination		0	0	29.0654	0	0	0
Story2	29	66	DConS4	Combination		0	0	23.0397	0	0	0
Story2	29	66	DConS5	Combination		0	0	28.4897	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	29	66	DConS6	Combination		0	0	21.4597	0	0	0
Story2	29	66	DConS7	Combination		0	0	21.3541	0	0	0
Story2	29	66	DConS8	Combination		0	0	14.3241	0	0	0
Story2	29	66	DConS9	Combination	Max	0	0	26.7217	0	0	0
Story2	29	66	DConS9	Combination	Min	0	0	26.7217	0	0	0
Story2	29	66	DConS10	Combination	Max	0	0	25.3834	0	0	0
Story2	29	66	DConS10	Combination	Min	0	0	25.3834	0	0	0
Story2	29	66	DConS11	Combination	Max	0	0	25.953	0	0	0
Story2	29	66	DConS11	Combination	Min	0	0	25.953	0	0	0
Story2	29	66	DConS12	Combination	Max	0	0	26.1521	0	0	0
Story2	29	66	DConS12	Combination	Min	0	0	26.1521	0	0	0
Story2	29	66	DConS13	Combination	Max	0	0	25.7554	0	0	0
Story2	29	66	DConS13	Combination	Min	0	0	25.7554	0	0	0
Story2	29	66	DConS14	Combination	Max	0	0	24.194	0	0	0
Story2	29	66	DConS14	Combination	Min	0	0	24.194	0	0	0
Story2	29	66	DConS15	Combination	Max	0	0	24.8585	0	0	0
Story2	29	66	DConS15	Combination	Min	0	0	24.8585	0	0	0
Story2	29	66	DConS16	Combination	Max	0	0	25.0909	0	0	0
Story2	29	66	DConS16	Combination	Min	0	0	25.0909	0	0	0
Story2	29	66	DConS17	Combination	Max	0	0	18.6198	0	0	0
Story2	29	66	DConS17	Combination	Min	0	0	18.6198	0	0	0
Story2	29	66	DConS18	Combination	Max	0	0	17.0584	0	0	0
Story2	29	66	DConS18	Combination	Min	0	0	17.0584	0	0	0
Story2	29	66	DConS19	Combination	Max	0	0	17.7229	0	0	0
Story2	29	66	DConS19	Combination	Min	0	0	17.7229	0	0	0
Story2	29	66	DConS20	Combination	Max	0	0	17.9553	0	0	0
Story2	29	66	DConS20	Combination	Min	0	0	17.9553	0	0	0
Story2	29	66	DCmpD1	Combination		0	0	17.8391	0	0	0
Story2	29	66	DCmpD2	Combination		0	0	21.7105	0	0	0
Story2	29	66	DCmpS1	Combination		0	0	24.9747	0	0	0
Story2	29	66	DCmpS2	Combination		0	0	31.1689	0	0	0
Story2	29	66	DCmpC1	Combination		0	0	24.9747	0	0	0
Story2	30	69	Dead	LinStatic		0	0	22.6483	0	0	0
Story2	30	69	Live	LinStatic		0	0	4.8614	0	0	0
Story2	30	69	WIND	LinStatic		0	0	2.303	0	0	0
Story2	30	69	EQX	LinStatic	Max	0	0	0.0566	0	0	0
Story2	30	69	EQX	LinStatic	Min	0	0	0.0566	0	0	0
Story2	30	69	EQY	LinStatic	Max	0	0	-0.2897	0	0	0
Story2	30	69	EQY	LinStatic	Min	0	0	-0.2897	0	0	0
Story2	30	69	DSlbS1	Combination		0	0	31.7076	0	0	0
Story2	30	69	DSlbS2	Combination		0	0	39.4858	0	0	0
Story2	30	69	DSlbS3	Combination		0	0	35.7752	0	0	0
Story2	30	69	DSlbS4	Combination		0	0	30.248	0	0	0
Story2	30	69	DSlbS5	Combination		0	0	34.9318	0	0	0
Story2	30	69	DSlbS6	Combination		0	0	28.4834	0	0	0
Story2	30	69	DSlbS7	Combination		0	0	25.8725	0	0	0
Story2	30	69	DSlbS8	Combination		0	0	19.4241	0	0	0
Story2	30	69	DStIS1	Combination		0	0	31.7076	0	0	0
Story2	30	69	DStIS2	Combination		0	0	39.4858	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	30	69	DStIS3	Combination		0	0	35.7752	0	0	0
Story2	30	69	DStIS4	Combination		0	0	30.248	0	0	0
Story2	30	69	DStIS5	Combination		0	0	34.9318	0	0	0
Story2	30	69	DStIS6	Combination		0	0	28.4834	0	0	0
Story2	30	69	DStIS7	Combination		0	0	25.8725	0	0	0
Story2	30	69	DStIS8	Combination		0	0	19.4241	0	0	0
Story2	30	69	DStIS9	Combination	Max	0	0	33.0795	0	0	0
Story2	30	69	DStIS9	Combination	Min	0	0	33.0795	0	0	0
Story2	30	69	DStIS10	Combination	Max	0	0	32.9437	0	0	0
Story2	30	69	DStIS10	Combination	Min	0	0	32.9437	0	0	0
Story2	30	69	DStIS11	Combination	Max	0	0	32.664	0	0	0
Story2	30	69	DStIS11	Combination	Min	0	0	32.664	0	0	0
Story2	30	69	DStIS12	Combination	Max	0	0	33.3592	0	0	0
Story2	30	69	DStIS12	Combination	Min	0	0	33.3592	0	0	0
Story2	30	69	DStIS13	Combination	Max	0	0	31.7869	0	0	0
Story2	30	69	DStIS13	Combination	Min	0	0	31.7869	0	0	0
Story2	30	69	DStIS14	Combination	Max	0	0	31.6284	0	0	0
Story2	30	69	DStIS14	Combination	Min	0	0	31.6284	0	0	0
Story2	30	69	DStIS15	Combination	Max	0	0	31.3021	0	0	0
Story2	30	69	DStIS15	Combination	Min	0	0	31.3021	0	0	0
Story2	30	69	DStIS16	Combination	Max	0	0	32.1131	0	0	0
Story2	30	69	DStIS16	Combination	Min	0	0	32.1131	0	0	0
Story2	30	69	DStIS17	Combination	Max	0	0	22.7275	0	0	0
Story2	30	69	DStIS17	Combination	Min	0	0	22.7275	0	0	0
Story2	30	69	DStIS18	Combination	Max	0	0	22.5691	0	0	0
Story2	30	69	DStIS18	Combination	Min	0	0	22.5691	0	0	0
Story2	30	69	DStIS19	Combination	Max	0	0	22.2428	0	0	0
Story2	30	69	DStIS19	Combination	Min	0	0	22.2428	0	0	0
Story2	30	69	DStIS20	Combination	Max	0	0	23.0538	0	0	0
Story2	30	69	DStIS20	Combination	Min	0	0	23.0538	0	0	0
Story2	30	69	DStID1	Combination		0	0	22.6483	0	0	0
Story2	30	69	DStID2	Combination		0	0	27.5097	0	0	0
Story2	30	69	DConS1	Combination		0	0	31.7076	0	0	0
Story2	30	69	DConS2	Combination		0	0	39.4858	0	0	0
Story2	30	69	DConS3	Combination		0	0	35.7752	0	0	0
Story2	30	69	DConS4	Combination		0	0	30.248	0	0	0
Story2	30	69	DConS5	Combination		0	0	34.9318	0	0	0
Story2	30	69	DConS6	Combination		0	0	28.4834	0	0	0
Story2	30	69	DConS7	Combination		0	0	25.8725	0	0	0
Story2	30	69	DConS8	Combination		0	0	19.4241	0	0	0
Story2	30	69	DConS9	Combination	Max	0	0	33.0795	0	0	0
Story2	30	69	DConS9	Combination	Min	0	0	33.0795	0	0	0
Story2	30	69	DConS10	Combination	Max	0	0	32.9437	0	0	0
Story2	30	69	DConS10	Combination	Min	0	0	32.9437	0	0	0
Story2	30	69	DConS11	Combination	Max	0	0	32.664	0	0	0
Story2	30	69	DConS11	Combination	Min	0	0	32.664	0	0	0
Story2	30	69	DConS12	Combination	Max	0	0	33.3592	0	0	0
Story2	30	69	DConS12	Combination	Min	0	0	33.3592	0	0	0
Story2	30	69	DConS13	Combination	Max	0	0	31.7869	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	30	69	DConS13	Combination	Min	0	0	31.7869	0	0	0
Story2	30	69	DConS14	Combination	Max	0	0	31.6284	0	0	0
Story2	30	69	DConS14	Combination	Min	0	0	31.6284	0	0	0
Story2	30	69	DConS15	Combination	Max	0	0	31.3021	0	0	0
Story2	30	69	DConS15	Combination	Min	0	0	31.3021	0	0	0
Story2	30	69	DConS16	Combination	Max	0	0	32.1131	0	0	0
Story2	30	69	DConS16	Combination	Min	0	0	32.1131	0	0	0
Story2	30	69	DConS17	Combination	Max	0	0	22.7275	0	0	0
Story2	30	69	DConS17	Combination	Min	0	0	22.7275	0	0	0
Story2	30	69	DConS18	Combination	Max	0	0	22.5691	0	0	0
Story2	30	69	DConS18	Combination	Min	0	0	22.5691	0	0	0
Story2	30	69	DConS19	Combination	Max	0	0	22.2428	0	0	0
Story2	30	69	DConS19	Combination	Min	0	0	22.2428	0	0	0
Story2	30	69	DConS20	Combination	Max	0	0	23.0538	0	0	0
Story2	30	69	DConS20	Combination	Min	0	0	23.0538	0	0	0
Story2	30	69	DCmpD1	Combination		0	0	22.6483	0	0	0
Story2	30	69	DCmpD2	Combination		0	0	27.5097	0	0	0
Story2	30	69	DCmpS1	Combination		0	0	31.7076	0	0	0
Story2	30	69	DCmpS2	Combination		0	0	39.4858	0	0	0
Story2	30	69	DCmpC1	Combination		0	0	31.7076	0	0	0
Story2	33	72	Dead	LinStatic		0	0	24.3081	0	0	0
Story2	33	72	Live	LinStatic		0	0	5.5288	0	0	0
Story2	33	72	WIND	LinStatic		0	0	2.2128	0	0	0
Story2	33	72	EQX	LinStatic	Max	0	0	0.0015	0	0	0
Story2	33	72	EQX	LinStatic	Min	0	0	0.0015	0	0	0
Story2	33	72	EQY	LinStatic	Max	0	0	-0.2986	0	0	0
Story2	33	72	EQY	LinStatic	Min	0	0	-0.2986	0	0	0
Story2	33	72	DSlbS1	Combination		0	0	34.0313	0	0	0
Story2	33	72	DSlbS2	Combination		0	0	42.8775	0	0	0
Story2	33	72	DSlbS3	Combination		0	0	38.4597	0	0	0
Story2	33	72	DSlbS4	Combination		0	0	33.1489	0	0	0
Story2	33	72	DSlbS5	Combination		0	0	37.1293	0	0	0
Story2	33	72	DSlbS6	Combination		0	0	30.9334	0	0	0
Story2	33	72	DSlbS7	Combination		0	0	27.4061	0	0	0
Story2	33	72	DSlbS8	Combination		0	0	21.2101	0	0	0
Story2	33	72	DStIS1	Combination		0	0	34.0313	0	0	0
Story2	33	72	DStIS2	Combination		0	0	42.8775	0	0	0
Story2	33	72	DStIS3	Combination		0	0	38.4597	0	0	0
Story2	33	72	DStIS4	Combination		0	0	33.1489	0	0	0
Story2	33	72	DStIS5	Combination		0	0	37.1293	0	0	0
Story2	33	72	DStIS6	Combination		0	0	30.9334	0	0	0
Story2	33	72	DStIS7	Combination		0	0	27.4061	0	0	0
Story2	33	72	DStIS8	Combination		0	0	21.2101	0	0	0
Story2	33	72	DStIS9	Combination	Max	0	0	35.8061	0	0	0
Story2	33	72	DStIS9	Combination	Min	0	0	35.8061	0	0	0
Story2	33	72	DStIS10	Combination	Max	0	0	35.8025	0	0	0
Story2	33	72	DStIS10	Combination	Min	0	0	35.8025	0	0	0
Story2	33	72	DStIS11	Combination	Max	0	0	35.446	0	0	0
Story2	33	72	DStIS11	Combination	Min	0	0	35.446	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	33	72	DStIS12	Combination	Max	0	0	36.1626	0	0	0
Story2	33	72	DStIS12	Combination	Min	0	0	36.1626	0	0	0
Story2	33	72	DStIS13	Combination	Max	0	0	34.0335	0	0	0
Story2	33	72	DStIS13	Combination	Min	0	0	34.0335	0	0	0
Story2	33	72	DStIS14	Combination	Max	0	0	34.0292	0	0	0
Story2	33	72	DStIS14	Combination	Min	0	0	34.0292	0	0	0
Story2	33	72	DStIS15	Combination	Max	0	0	33.6133	0	0	0
Story2	33	72	DStIS15	Combination	Min	0	0	33.6133	0	0	0
Story2	33	72	DStIS16	Combination	Max	0	0	34.4493	0	0	0
Story2	33	72	DStIS16	Combination	Min	0	0	34.4493	0	0	0
Story2	33	72	DStIS17	Combination	Max	0	0	24.3102	0	0	0
Story2	33	72	DStIS17	Combination	Min	0	0	24.3102	0	0	0
Story2	33	72	DStIS18	Combination	Max	0	0	24.306	0	0	0
Story2	33	72	DStIS18	Combination	Min	0	0	24.306	0	0	0
Story2	33	72	DStIS19	Combination	Max	0	0	23.8901	0	0	0
Story2	33	72	DStIS19	Combination	Min	0	0	23.8901	0	0	0
Story2	33	72	DStIS20	Combination	Max	0	0	24.7261	0	0	0
Story2	33	72	DStIS20	Combination	Min	0	0	24.7261	0	0	0
Story2	33	72	DStID1	Combination		0	0	24.3081	0	0	0
Story2	33	72	DStID2	Combination		0	0	29.8369	0	0	0
Story2	33	72	DConS1	Combination		0	0	34.0313	0	0	0
Story2	33	72	DConS2	Combination		0	0	42.8775	0	0	0
Story2	33	72	DConS3	Combination		0	0	38.4597	0	0	0
Story2	33	72	DConS4	Combination		0	0	33.1489	0	0	0
Story2	33	72	DConS5	Combination		0	0	37.1293	0	0	0
Story2	33	72	DConS6	Combination		0	0	30.9334	0	0	0
Story2	33	72	DConS7	Combination		0	0	27.4061	0	0	0
Story2	33	72	DConS8	Combination		0	0	21.2101	0	0	0
Story2	33	72	DConS9	Combination	Max	0	0	35.8061	0	0	0
Story2	33	72	DConS9	Combination	Min	0	0	35.8061	0	0	0
Story2	33	72	DConS10	Combination	Max	0	0	35.8025	0	0	0
Story2	33	72	DConS10	Combination	Min	0	0	35.8025	0	0	0
Story2	33	72	DConS11	Combination	Max	0	0	35.446	0	0	0
Story2	33	72	DConS11	Combination	Min	0	0	35.446	0	0	0
Story2	33	72	DConS12	Combination	Max	0	0	36.1626	0	0	0
Story2	33	72	DConS12	Combination	Min	0	0	36.1626	0	0	0
Story2	33	72	DConS13	Combination	Max	0	0	34.0335	0	0	0
Story2	33	72	DConS13	Combination	Min	0	0	34.0335	0	0	0
Story2	33	72	DConS14	Combination	Max	0	0	34.0292	0	0	0
Story2	33	72	DConS14	Combination	Min	0	0	34.0292	0	0	0
Story2	33	72	DConS15	Combination	Max	0	0	33.6133	0	0	0
Story2	33	72	DConS15	Combination	Min	0	0	33.6133	0	0	0
Story2	33	72	DConS16	Combination	Max	0	0	34.4493	0	0	0
Story2	33	72	DConS16	Combination	Min	0	0	34.4493	0	0	0
Story2	33	72	DConS17	Combination	Max	0	0	24.3102	0	0	0
Story2	33	72	DConS17	Combination	Min	0	0	24.3102	0	0	0
Story2	33	72	DConS18	Combination	Max	0	0	24.306	0	0	0
Story2	33	72	DConS18	Combination	Min	0	0	24.306	0	0	0
Story2	33	72	DConS19	Combination	Max	0	0	23.8901	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	33	72	DConS19	Combination	Min	0	0	23.8901	0	0	0
Story2	33	72	DConS20	Combination	Max	0	0	24.7261	0	0	0
Story2	33	72	DConS20	Combination	Min	0	0	24.7261	0	0	0
Story2	33	72	DCmpD1	Combination		0	0	24.3081	0	0	0
Story2	33	72	DCmpD2	Combination		0	0	29.8369	0	0	0
Story2	33	72	DCmpS1	Combination		0	0	34.0313	0	0	0
Story2	33	72	DCmpS2	Combination		0	0	42.8775	0	0	0
Story2	33	72	DCmpC1	Combination		0	0	34.0313	0	0	0
Story2	36	73	Dead	LinStatic		0	0	24.2807	0	0	0
Story2	36	73	Live	LinStatic		0	0	5.5232	0	0	0
Story2	36	73	WIND	LinStatic		0	0	2.2175	0	0	0
Story2	36	73	EQX	LinStatic	Max	0	0	0.0007	0	0	0
Story2	36	73	EQX	LinStatic	Min	0	0	0.0007	0	0	0
Story2	36	73	EQY	LinStatic	Max	0	0	-0.3063	0	0	0
Story2	36	73	EQY	LinStatic	Min	0	0	-0.3063	0	0	0
Story2	36	73	DSlbS1	Combination		0	0	33.993	0	0	0
Story2	36	73	DSlbS2	Combination		0	0	42.8301	0	0	0
Story2	36	73	DSlbS3	Combination		0	0	38.4257	0	0	0
Story2	36	73	DSlbS4	Combination		0	0	33.1036	0	0	0
Story2	36	73	DSlbS5	Combination		0	0	37.0976	0	0	0
Story2	36	73	DSlbS6	Combination		0	0	30.8884	0	0	0
Story2	36	73	DSlbS7	Combination		0	0	27.3853	0	0	0
Story2	36	73	DSlbS8	Combination		0	0	21.1762	0	0	0
Story2	36	73	DStIS1	Combination		0	0	33.993	0	0	0
Story2	36	73	DStIS2	Combination		0	0	42.8301	0	0	0
Story2	36	73	DStIS3	Combination		0	0	38.4257	0	0	0
Story2	36	73	DStIS4	Combination		0	0	33.1036	0	0	0
Story2	36	73	DStIS5	Combination		0	0	37.0976	0	0	0
Story2	36	73	DStIS6	Combination		0	0	30.8884	0	0	0
Story2	36	73	DStIS7	Combination		0	0	27.3853	0	0	0
Story2	36	73	DStIS8	Combination		0	0	21.1762	0	0	0
Story2	36	73	DStIS9	Combination	Max	0	0	35.7655	0	0	0
Story2	36	73	DStIS9	Combination	Min	0	0	35.7655	0	0	0
Story2	36	73	DStIS10	Combination	Max	0	0	35.7638	0	0	0
Story2	36	73	DStIS10	Combination	Min	0	0	35.7638	0	0	0
Story2	36	73	DStIS11	Combination	Max	0	0	35.397	0	0	0
Story2	36	73	DStIS11	Combination	Min	0	0	35.397	0	0	0
Story2	36	73	DStIS12	Combination	Max	0	0	36.1323	0	0	0
Story2	36	73	DStIS12	Combination	Min	0	0	36.1323	0	0	0
Story2	36	73	DStIS13	Combination	Max	0	0	33.994	0	0	0
Story2	36	73	DStIS13	Combination	Min	0	0	33.994	0	0	0
Story2	36	73	DStIS14	Combination	Max	0	0	33.9921	0	0	0
Story2	36	73	DStIS14	Combination	Min	0	0	33.9921	0	0	0
Story2	36	73	DStIS15	Combination	Max	0	0	33.5641	0	0	0
Story2	36	73	DStIS15	Combination	Min	0	0	33.5641	0	0	0
Story2	36	73	DStIS16	Combination	Max	0	0	34.4219	0	0	0
Story2	36	73	DStIS16	Combination	Min	0	0	34.4219	0	0	0
Story2	36	73	DStIS17	Combination	Max	0	0	24.2817	0	0	0
Story2	36	73	DStIS17	Combination	Min	0	0	24.2817	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	36	73	DStIS18	Combination	Max	0	0	24.2798	0	0	0
Story2	36	73	DStIS18	Combination	Min	0	0	24.2798	0	0	0
Story2	36	73	DStIS19	Combination	Max	0	0	23.8518	0	0	0
Story2	36	73	DStIS19	Combination	Min	0	0	23.8518	0	0	0
Story2	36	73	DStIS20	Combination	Max	0	0	24.7096	0	0	0
Story2	36	73	DStIS20	Combination	Min	0	0	24.7096	0	0	0
Story2	36	73	DStID1	Combination		0	0	24.2807	0	0	0
Story2	36	73	DStID2	Combination		0	0	29.8039	0	0	0
Story2	36	73	DConS1	Combination		0	0	33.993	0	0	0
Story2	36	73	DConS2	Combination		0	0	42.8301	0	0	0
Story2	36	73	DConS3	Combination		0	0	38.4257	0	0	0
Story2	36	73	DConS4	Combination		0	0	33.1036	0	0	0
Story2	36	73	DConS5	Combination		0	0	37.0976	0	0	0
Story2	36	73	DConS6	Combination		0	0	30.8884	0	0	0
Story2	36	73	DConS7	Combination		0	0	27.3853	0	0	0
Story2	36	73	DConS8	Combination		0	0	21.1762	0	0	0
Story2	36	73	DConS9	Combination	Max	0	0	35.7655	0	0	0
Story2	36	73	DConS9	Combination	Min	0	0	35.7655	0	0	0
Story2	36	73	DConS10	Combination	Max	0	0	35.7638	0	0	0
Story2	36	73	DConS10	Combination	Min	0	0	35.7638	0	0	0
Story2	36	73	DConS11	Combination	Max	0	0	35.397	0	0	0
Story2	36	73	DConS11	Combination	Min	0	0	35.397	0	0	0
Story2	36	73	DConS12	Combination	Max	0	0	36.1323	0	0	0
Story2	36	73	DConS12	Combination	Min	0	0	36.1323	0	0	0
Story2	36	73	DConS13	Combination	Max	0	0	33.994	0	0	0
Story2	36	73	DConS13	Combination	Min	0	0	33.994	0	0	0
Story2	36	73	DConS14	Combination	Max	0	0	33.9921	0	0	0
Story2	36	73	DConS14	Combination	Min	0	0	33.9921	0	0	0
Story2	36	73	DConS15	Combination	Max	0	0	33.5641	0	0	0
Story2	36	73	DConS15	Combination	Min	0	0	33.5641	0	0	0
Story2	36	73	DConS16	Combination	Max	0	0	34.4219	0	0	0
Story2	36	73	DConS16	Combination	Min	0	0	34.4219	0	0	0
Story2	36	73	DConS17	Combination	Max	0	0	24.2817	0	0	0
Story2	36	73	DConS17	Combination	Min	0	0	24.2817	0	0	0
Story2	36	73	DConS18	Combination	Max	0	0	24.2798	0	0	0
Story2	36	73	DConS18	Combination	Min	0	0	24.2798	0	0	0
Story2	36	73	DConS19	Combination	Max	0	0	23.8518	0	0	0
Story2	36	73	DConS19	Combination	Min	0	0	23.8518	0	0	0
Story2	36	73	DConS20	Combination	Max	0	0	24.7096	0	0	0
Story2	36	73	DConS20	Combination	Min	0	0	24.7096	0	0	0
Story2	36	73	DCmpD1	Combination		0	0	24.2807	0	0	0
Story2	36	73	DCmpD2	Combination		0	0	29.8039	0	0	0
Story2	36	73	DCmpS1	Combination		0	0	33.993	0	0	0
Story2	36	73	DCmpS2	Combination		0	0	42.8301	0	0	0
Story2	36	73	DCmpC1	Combination		0	0	33.993	0	0	0
Story2	38	74	Dead	LinStatic		0	0	22.7029	0	0	0
Story2	38	74	Live	LinStatic		0	0	4.8802	0	0	0
Story2	38	74	WIND	LinStatic		0	0	2.2652	0	0	0
Story2	38	74	EQX	LinStatic	Max	0	0	-0.0838	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	38	74	EQX	LinStatic	Min	0	0	-0.0838	0	0	0
Story2	38	74	EQY	LinStatic	Max	0	0	-0.2638	0	0	0
Story2	38	74	EQY	LinStatic	Min	0	0	-0.2638	0	0	0
Story2	38	74	DSlbS1	Combination		0	0	31.7841	0	0	0
Story2	38	74	DSlbS2	Combination		0	0	39.5925	0	0	0
Story2	38	74	DSlbS3	Combination		0	0	35.8181	0	0	0
Story2	38	74	DSlbS4	Combination		0	0	30.3815	0	0	0
Story2	38	74	DSlbS5	Combination		0	0	34.9555	0	0	0
Story2	38	74	DSlbS6	Combination		0	0	28.6128	0	0	0
Story2	38	74	DSlbS7	Combination		0	0	25.8743	0	0	0
Story2	38	74	DSlbS8	Combination		0	0	19.5316	0	0	0
Story2	38	74	DStlS1	Combination		0	0	31.7841	0	0	0
Story2	38	74	DStlS2	Combination		0	0	39.5925	0	0	0
Story2	38	74	DStlS3	Combination		0	0	35.8181	0	0	0
Story2	38	74	DStlS4	Combination		0	0	30.3815	0	0	0
Story2	38	74	DStlS5	Combination		0	0	34.9555	0	0	0
Story2	38	74	DStlS6	Combination		0	0	28.6128	0	0	0
Story2	38	74	DStlS7	Combination		0	0	25.8743	0	0	0
Story2	38	74	DStlS8	Combination		0	0	19.5316	0	0	0
Story2	38	74	DStlS9	Combination	Max	0	0	32.9992	0	0	0
Story2	38	74	DStlS9	Combination	Min	0	0	32.9992	0	0	0
Story2	38	74	DStlS10	Combination	Max	0	0	33.2004	0	0	0
Story2	38	74	DStlS10	Combination	Min	0	0	33.2004	0	0	0
Story2	38	74	DStlS11	Combination	Max	0	0	32.7833	0	0	0
Story2	38	74	DStlS11	Combination	Min	0	0	32.7833	0	0	0
Story2	38	74	DStlS12	Combination	Max	0	0	33.4164	0	0	0
Story2	38	74	DStlS12	Combination	Min	0	0	33.4164	0	0	0
Story2	38	74	DStlS13	Combination	Max	0	0	31.6667	0	0	0
Story2	38	74	DStlS13	Combination	Min	0	0	31.6667	0	0	0
Story2	38	74	DStlS14	Combination	Max	0	0	31.9015	0	0	0
Story2	38	74	DStlS14	Combination	Min	0	0	31.9015	0	0	0
Story2	38	74	DStlS15	Combination	Max	0	0	31.4148	0	0	0
Story2	38	74	DStlS15	Combination	Min	0	0	31.4148	0	0	0
Story2	38	74	DStlS16	Combination	Max	0	0	32.1534	0	0	0
Story2	38	74	DStlS16	Combination	Min	0	0	32.1534	0	0	0
Story2	38	74	DStlS17	Combination	Max	0	0	22.5856	0	0	0
Story2	38	74	DStlS17	Combination	Min	0	0	22.5856	0	0	0
Story2	38	74	DStlS18	Combination	Max	0	0	22.8203	0	0	0
Story2	38	74	DStlS18	Combination	Min	0	0	22.8203	0	0	0
Story2	38	74	DStlS19	Combination	Max	0	0	22.3337	0	0	0
Story2	38	74	DStlS19	Combination	Min	0	0	22.3337	0	0	0
Story2	38	74	DStlS20	Combination	Max	0	0	23.0722	0	0	0
Story2	38	74	DStlS20	Combination	Min	0	0	23.0722	0	0	0
Story2	38	74	DStlD1	Combination		0	0	22.7029	0	0	0
Story2	38	74	DStlD2	Combination		0	0	27.5832	0	0	0
Story2	38	74	DConS1	Combination		0	0	31.7841	0	0	0
Story2	38	74	DConS2	Combination		0	0	39.5925	0	0	0
Story2	38	74	DConS3	Combination		0	0	35.8181	0	0	0
Story2	38	74	DConS4	Combination		0	0	30.3815	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	38	74	DConS5	Combination		0	0	34.9555	0	0	0
Story2	38	74	DConS6	Combination		0	0	28.6128	0	0	0
Story2	38	74	DConS7	Combination		0	0	25.8743	0	0	0
Story2	38	74	DConS8	Combination		0	0	19.5316	0	0	0
Story2	38	74	DConS9	Combination	Max	0	0	32.9992	0	0	0
Story2	38	74	DConS9	Combination	Min	0	0	32.9992	0	0	0
Story2	38	74	DConS10	Combination	Max	0	0	33.2004	0	0	0
Story2	38	74	DConS10	Combination	Min	0	0	33.2004	0	0	0
Story2	38	74	DConS11	Combination	Max	0	0	32.7833	0	0	0
Story2	38	74	DConS11	Combination	Min	0	0	32.7833	0	0	0
Story2	38	74	DConS12	Combination	Max	0	0	33.4164	0	0	0
Story2	38	74	DConS12	Combination	Min	0	0	33.4164	0	0	0
Story2	38	74	DConS13	Combination	Max	0	0	31.6667	0	0	0
Story2	38	74	DConS13	Combination	Min	0	0	31.6667	0	0	0
Story2	38	74	DConS14	Combination	Max	0	0	31.9015	0	0	0
Story2	38	74	DConS14	Combination	Min	0	0	31.9015	0	0	0
Story2	38	74	DConS15	Combination	Max	0	0	31.4148	0	0	0
Story2	38	74	DConS15	Combination	Min	0	0	31.4148	0	0	0
Story2	38	74	DConS16	Combination	Max	0	0	32.1534	0	0	0
Story2	38	74	DConS16	Combination	Min	0	0	32.1534	0	0	0
Story2	38	74	DConS17	Combination	Max	0	0	22.5856	0	0	0
Story2	38	74	DConS17	Combination	Min	0	0	22.5856	0	0	0
Story2	38	74	DConS18	Combination	Max	0	0	22.8203	0	0	0
Story2	38	74	DConS18	Combination	Min	0	0	22.8203	0	0	0
Story2	38	74	DConS19	Combination	Max	0	0	22.3337	0	0	0
Story2	38	74	DConS19	Combination	Min	0	0	22.3337	0	0	0
Story2	38	74	DConS20	Combination	Max	0	0	23.0722	0	0	0
Story2	38	74	DConS20	Combination	Min	0	0	23.0722	0	0	0
Story2	38	74	DCmpD1	Combination		0	0	22.7029	0	0	0
Story2	38	74	DCmpD2	Combination		0	0	27.5832	0	0	0
Story2	38	74	DCmpS1	Combination		0	0	31.7841	0	0	0
Story2	38	74	DCmpS2	Combination		0	0	39.5925	0	0	0
Story2	38	74	DCmpC1	Combination		0	0	31.7841	0	0	0
Story2	40	75	Dead	LinStatic		0	0	17.7846	0	0	0
Story2	40	75	Live	LinStatic		0	0	3.8673	0	0	0
Story2	40	75	WIND	LinStatic		0	0	2.4995	0	0	0
Story2	40	75	EQX	LinStatic	Max	0	0	-0.8693	0	0	0
Story2	40	75	EQX	LinStatic	Min	0	0	-0.8693	0	0	0
Story2	40	75	EQY	LinStatic	Max	0	0	-0.0684	0	0	0
Story2	40	75	EQY	LinStatic	Min	0	0	-0.0684	0	0	0
Story2	40	75	DSlbS1	Combination		0	0	24.8984	0	0	0
Story2	40	75	DSlbS2	Combination		0	0	31.0861	0	0	0
Story2	40	75	DSlbS3	Combination		0	0	28.9816	0	0	0
Story2	40	75	DSlbS4	Combination		0	0	22.9829	0	0	0
Story2	40	75	DSlbS5	Combination		0	0	28.3977	0	0	0
Story2	40	75	DSlbS6	Combination		0	0	21.3991	0	0	0
Story2	40	75	DSlbS7	Combination		0	0	21.2839	0	0	0
Story2	40	75	DSlbS8	Combination		0	0	14.2853	0	0	0
Story2	40	75	DStIS1	Combination		0	0	24.8984	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	40	75	DStIS2	Combination		0	0	31.0861	0	0	0
Story2	40	75	DStIS3	Combination		0	0	28.9816	0	0	0
Story2	40	75	DStIS4	Combination		0	0	22.9829	0	0	0
Story2	40	75	DStIS5	Combination		0	0	28.3977	0	0	0
Story2	40	75	DStIS6	Combination		0	0	21.3991	0	0	0
Story2	40	75	DStIS7	Combination		0	0	21.2839	0	0	0
Story2	40	75	DStIS8	Combination		0	0	14.2853	0	0	0
Story2	40	75	DStIS9	Combination	Max	0	0	24.9391	0	0	0
Story2	40	75	DStIS9	Combination	Min	0	0	24.9391	0	0	0
Story2	40	75	DStIS10	Combination	Max	0	0	27.0254	0	0	0
Story2	40	75	DStIS10	Combination	Min	0	0	27.0254	0	0	0
Story2	40	75	DStIS11	Combination	Max	0	0	25.9001	0	0	0
Story2	40	75	DStIS11	Combination	Min	0	0	25.9001	0	0	0
Story2	40	75	DStIS12	Combination	Max	0	0	26.0643	0	0	0
Story2	40	75	DStIS12	Combination	Min	0	0	26.0643	0	0	0
Story2	40	75	DStIS13	Combination	Max	0	0	23.6814	0	0	0
Story2	40	75	DStIS13	Combination	Min	0	0	23.6814	0	0	0
Story2	40	75	DStIS14	Combination	Max	0	0	26.1154	0	0	0
Story2	40	75	DStIS14	Combination	Min	0	0	26.1154	0	0	0
Story2	40	75	DStIS15	Combination	Max	0	0	24.8026	0	0	0
Story2	40	75	DStIS15	Combination	Min	0	0	24.8026	0	0	0
Story2	40	75	DStIS16	Combination	Max	0	0	24.9942	0	0	0
Story2	40	75	DStIS16	Combination	Min	0	0	24.9942	0	0	0
Story2	40	75	DStIS17	Combination	Max	0	0	16.5676	0	0	0
Story2	40	75	DStIS17	Combination	Min	0	0	16.5676	0	0	0
Story2	40	75	DStIS18	Combination	Max	0	0	19.0016	0	0	0
Story2	40	75	DStIS18	Combination	Min	0	0	19.0016	0	0	0
Story2	40	75	DStIS19	Combination	Max	0	0	17.6888	0	0	0
Story2	40	75	DStIS19	Combination	Min	0	0	17.6888	0	0	0
Story2	40	75	DStIS20	Combination	Max	0	0	17.8804	0	0	0
Story2	40	75	DStIS20	Combination	Min	0	0	17.8804	0	0	0
Story2	40	75	DStID1	Combination		0	0	17.7846	0	0	0
Story2	40	75	DStID2	Combination		0	0	21.6519	0	0	0
Story2	40	75	DConS1	Combination		0	0	24.8984	0	0	0
Story2	40	75	DConS2	Combination		0	0	31.0861	0	0	0
Story2	40	75	DConS3	Combination		0	0	28.9816	0	0	0
Story2	40	75	DConS4	Combination		0	0	22.9829	0	0	0
Story2	40	75	DConS5	Combination		0	0	28.3977	0	0	0
Story2	40	75	DConS6	Combination		0	0	21.3991	0	0	0
Story2	40	75	DConS7	Combination		0	0	21.2839	0	0	0
Story2	40	75	DConS8	Combination		0	0	14.2853	0	0	0
Story2	40	75	DConS9	Combination	Max	0	0	24.9391	0	0	0
Story2	40	75	DConS9	Combination	Min	0	0	24.9391	0	0	0
Story2	40	75	DConS10	Combination	Max	0	0	27.0254	0	0	0
Story2	40	75	DConS10	Combination	Min	0	0	27.0254	0	0	0
Story2	40	75	DConS11	Combination	Max	0	0	25.9001	0	0	0
Story2	40	75	DConS11	Combination	Min	0	0	25.9001	0	0	0
Story2	40	75	DConS12	Combination	Max	0	0	26.0643	0	0	0
Story2	40	75	DConS12	Combination	Min	0	0	26.0643	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	40	75	DConS13	Combination	Max	0	0	23.6814	0	0	0
Story2	40	75	DConS13	Combination	Min	0	0	23.6814	0	0	0
Story2	40	75	DConS14	Combination	Max	0	0	26.1154	0	0	0
Story2	40	75	DConS14	Combination	Min	0	0	26.1154	0	0	0
Story2	40	75	DConS15	Combination	Max	0	0	24.8026	0	0	0
Story2	40	75	DConS15	Combination	Min	0	0	24.8026	0	0	0
Story2	40	75	DConS16	Combination	Max	0	0	24.9942	0	0	0
Story2	40	75	DConS16	Combination	Min	0	0	24.9942	0	0	0
Story2	40	75	DConS17	Combination	Max	0	0	16.5676	0	0	0
Story2	40	75	DConS17	Combination	Min	0	0	16.5676	0	0	0
Story2	40	75	DConS18	Combination	Max	0	0	19.0016	0	0	0
Story2	40	75	DConS18	Combination	Min	0	0	19.0016	0	0	0
Story2	40	75	DConS19	Combination	Max	0	0	17.6888	0	0	0
Story2	40	75	DConS19	Combination	Min	0	0	17.6888	0	0	0
Story2	40	75	DConS20	Combination	Max	0	0	17.8804	0	0	0
Story2	40	75	DConS20	Combination	Min	0	0	17.8804	0	0	0
Story2	40	75	DCmpD1	Combination		0	0	17.7846	0	0	0
Story2	40	75	DCmpD2	Combination		0	0	21.6519	0	0	0
Story2	40	75	DCmpS1	Combination		0	0	24.8984	0	0	0
Story2	40	75	DCmpS2	Combination		0	0	31.0861	0	0	0
Story2	40	75	DCmpC1	Combination		0	0	24.8984	0	0	0
Story2	41	76	Dead	LinStatic		0	0	17.623	0	0	0
Story2	41	76	Live	LinStatic		0	0	3.7971	0	0	0
Story2	41	76	WIND	LinStatic		0	0	-3.8342	0	0	0
Story2	41	76	EQX	LinStatic	Max	0	0	0.569	0	0	0
Story2	41	76	EQX	LinStatic	Min	0	0	0.569	0	0	0
Story2	41	76	EQY	LinStatic	Max	0	0	0.082	0	0	0
Story2	41	76	EQY	LinStatic	Min	0	0	0.082	0	0	0
Story2	41	76	DSlbS1	Combination		0	0	24.6723	0	0	0
Story2	41	76	DSlbS2	Combination		0	0	30.7476	0	0	0
Story2	41	76	DSlbS3	Combination		0	0	21.1032	0	0	0
Story2	41	76	DSlbS4	Combination		0	0	30.3052	0	0	0
Story2	41	76	DSlbS5	Combination		0	0	19.3044	0	0	0
Story2	41	76	DSlbS6	Combination		0	0	30.0401	0	0	0
Story2	41	76	DSlbS7	Combination		0	0	12.2552	0	0	0
Story2	41	76	DSlbS8	Combination		0	0	22.9909	0	0	0
Story2	41	76	DStIS1	Combination		0	0	24.6723	0	0	0
Story2	41	76	DStIS2	Combination		0	0	30.7476	0	0	0
Story2	41	76	DStIS3	Combination		0	0	21.1032	0	0	0
Story2	41	76	DStIS4	Combination		0	0	30.3052	0	0	0
Story2	41	76	DStIS5	Combination		0	0	19.3044	0	0	0
Story2	41	76	DStIS6	Combination		0	0	30.0401	0	0	0
Story2	41	76	DStIS7	Combination		0	0	12.2552	0	0	0
Story2	41	76	DStIS8	Combination		0	0	22.9909	0	0	0
Story2	41	76	DStIS9	Combination	Max	0	0	26.387	0	0	0
Story2	41	76	DStIS9	Combination	Min	0	0	26.387	0	0	0
Story2	41	76	DStIS10	Combination	Max	0	0	25.0214	0	0	0
Story2	41	76	DStIS10	Combination	Min	0	0	25.0214	0	0	0
Story2	41	76	DStIS11	Combination	Max	0	0	25.8026	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	41	76	DStIS11	Combination	Min	0	0	25.8026	0	0	0
Story2	41	76	DStIS12	Combination	Max	0	0	25.6058	0	0	0
Story2	41	76	DStIS12	Combination	Min	0	0	25.6058	0	0	0
Story2	41	76	DStIS13	Combination	Max	0	0	25.4689	0	0	0
Story2	41	76	DStIS13	Combination	Min	0	0	25.4689	0	0	0
Story2	41	76	DStIS14	Combination	Max	0	0	23.8756	0	0	0
Story2	41	76	DStIS14	Combination	Min	0	0	23.8756	0	0	0
Story2	41	76	DStIS15	Combination	Max	0	0	24.7871	0	0	0
Story2	41	76	DStIS15	Combination	Min	0	0	24.7871	0	0	0
Story2	41	76	DStIS16	Combination	Max	0	0	24.5574	0	0	0
Story2	41	76	DStIS16	Combination	Min	0	0	24.5574	0	0	0
Story2	41	76	DStIS17	Combination	Max	0	0	18.4197	0	0	0
Story2	41	76	DStIS17	Combination	Min	0	0	18.4197	0	0	0
Story2	41	76	DStIS18	Combination	Max	0	0	16.8264	0	0	0
Story2	41	76	DStIS18	Combination	Min	0	0	16.8264	0	0	0
Story2	41	76	DStIS19	Combination	Max	0	0	17.7379	0	0	0
Story2	41	76	DStIS19	Combination	Min	0	0	17.7379	0	0	0
Story2	41	76	DStIS20	Combination	Max	0	0	17.5082	0	0	0
Story2	41	76	DStIS20	Combination	Min	0	0	17.5082	0	0	0
Story2	41	76	DStID1	Combination		0	0	17.623	0	0	0
Story2	41	76	DStID2	Combination		0	0	21.4202	0	0	0
Story2	41	76	DConS1	Combination		0	0	24.6723	0	0	0
Story2	41	76	DConS2	Combination		0	0	30.7476	0	0	0
Story2	41	76	DConS3	Combination		0	0	21.1032	0	0	0
Story2	41	76	DConS4	Combination		0	0	30.3052	0	0	0
Story2	41	76	DConS5	Combination		0	0	19.3044	0	0	0
Story2	41	76	DConS6	Combination		0	0	30.0401	0	0	0
Story2	41	76	DConS7	Combination		0	0	12.2552	0	0	0
Story2	41	76	DConS8	Combination		0	0	22.9909	0	0	0
Story2	41	76	DConS9	Combination	Max	0	0	26.387	0	0	0
Story2	41	76	DConS9	Combination	Min	0	0	26.387	0	0	0
Story2	41	76	DConS10	Combination	Max	0	0	25.0214	0	0	0
Story2	41	76	DConS10	Combination	Min	0	0	25.0214	0	0	0
Story2	41	76	DConS11	Combination	Max	0	0	25.8026	0	0	0
Story2	41	76	DConS11	Combination	Min	0	0	25.8026	0	0	0
Story2	41	76	DConS12	Combination	Max	0	0	25.6058	0	0	0
Story2	41	76	DConS12	Combination	Min	0	0	25.6058	0	0	0
Story2	41	76	DConS13	Combination	Max	0	0	25.4689	0	0	0
Story2	41	76	DConS13	Combination	Min	0	0	25.4689	0	0	0
Story2	41	76	DConS14	Combination	Max	0	0	23.8756	0	0	0
Story2	41	76	DConS14	Combination	Min	0	0	23.8756	0	0	0
Story2	41	76	DConS15	Combination	Max	0	0	24.7871	0	0	0
Story2	41	76	DConS15	Combination	Min	0	0	24.7871	0	0	0
Story2	41	76	DConS16	Combination	Max	0	0	24.5574	0	0	0
Story2	41	76	DConS16	Combination	Min	0	0	24.5574	0	0	0
Story2	41	76	DConS17	Combination	Max	0	0	18.4197	0	0	0
Story2	41	76	DConS17	Combination	Min	0	0	18.4197	0	0	0
Story2	41	76	DConS18	Combination	Max	0	0	16.8264	0	0	0
Story2	41	76	DConS18	Combination	Min	0	0	16.8264	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	41	76	DConS19	Combination	Max	0	0	17.7379	0	0	0
Story2	41	76	DConS19	Combination	Min	0	0	17.7379	0	0	0
Story2	41	76	DConS20	Combination	Max	0	0	17.5082	0	0	0
Story2	41	76	DConS20	Combination	Min	0	0	17.5082	0	0	0
Story2	41	76	DCmpD1	Combination		0	0	17.623	0	0	0
Story2	41	76	DCmpD2	Combination		0	0	21.4202	0	0	0
Story2	41	76	DCmpS1	Combination		0	0	24.6723	0	0	0
Story2	41	76	DCmpS2	Combination		0	0	30.7476	0	0	0
Story2	41	76	DCmpC1	Combination		0	0	24.6723	0	0	0
Story2	42	77	Dead	LinStatic		0	0	22.6213	0	0	0
Story2	42	77	Live	LinStatic		0	0	4.8681	0	0	0
Story2	42	77	WIND	LinStatic		0	0	-4.0179	0	0	0
Story2	42	77	EQX	LinStatic	Max	0	0	0.0572	0	0	0
Story2	42	77	EQX	LinStatic	Min	0	0	0.0572	0	0	0
Story2	42	77	EQY	LinStatic	Max	0	0	0.2301	0	0	0
Story2	42	77	EQY	LinStatic	Min	0	0	0.2301	0	0	0
Story2	42	77	DSlbS1	Combination		0	0	31.6698	0	0	0
Story2	42	77	DSlbS2	Combination		0	0	39.4588	0	0	0
Story2	42	77	DSlbS3	Combination		0	0	28.1659	0	0	0
Story2	42	77	DSlbS4	Combination		0	0	37.8088	0	0	0
Story2	42	77	DSlbS5	Combination		0	0	26.0448	0	0	0
Story2	42	77	DSlbS6	Combination		0	0	37.2948	0	0	0
Story2	42	77	DSlbS7	Combination		0	0	16.9963	0	0	0
Story2	42	77	DSlbS8	Combination		0	0	28.2463	0	0	0
Story2	42	77	DStIS1	Combination		0	0	31.6698	0	0	0
Story2	42	77	DStIS2	Combination		0	0	39.4588	0	0	0
Story2	42	77	DStIS3	Combination		0	0	28.1659	0	0	0
Story2	42	77	DStIS4	Combination		0	0	37.8088	0	0	0
Story2	42	77	DStIS5	Combination		0	0	26.0448	0	0	0
Story2	42	77	DStIS6	Combination		0	0	37.2948	0	0	0
Story2	42	77	DStIS7	Combination		0	0	16.9963	0	0	0
Story2	42	77	DStIS8	Combination		0	0	28.2463	0	0	0
Story2	42	77	DStIS9	Combination	Max	0	0	33.0559	0	0	0
Story2	42	77	DStIS9	Combination	Min	0	0	33.0559	0	0	0
Story2	42	77	DStIS10	Combination	Max	0	0	32.9187	0	0	0
Story2	42	77	DStIS10	Combination	Min	0	0	32.9187	0	0	0
Story2	42	77	DStIS11	Combination	Max	0	0	33.2634	0	0	0
Story2	42	77	DStIS11	Combination	Min	0	0	33.2634	0	0	0
Story2	42	77	DStIS12	Combination	Max	0	0	32.7112	0	0	0
Story2	42	77	DStIS12	Combination	Min	0	0	32.7112	0	0	0
Story2	42	77	DStIS13	Combination	Max	0	0	31.7499	0	0	0
Story2	42	77	DStIS13	Combination	Min	0	0	31.7499	0	0	0
Story2	42	77	DStIS14	Combination	Max	0	0	31.5898	0	0	0
Story2	42	77	DStIS14	Combination	Min	0	0	31.5898	0	0	0
Story2	42	77	DStIS15	Combination	Max	0	0	31.9919	0	0	0
Story2	42	77	DStIS15	Combination	Min	0	0	31.9919	0	0	0
Story2	42	77	DStIS16	Combination	Max	0	0	31.3477	0	0	0
Story2	42	77	DStIS16	Combination	Min	0	0	31.3477	0	0	0
Story2	42	77	DStIS17	Combination	Max	0	0	22.7013	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	42	77	DStIS17	Combination	Min	0	0	22.7013	0	0	0
Story2	42	77	DStIS18	Combination	Max	0	0	22.5412	0	0	0
Story2	42	77	DStIS18	Combination	Min	0	0	22.5412	0	0	0
Story2	42	77	DStIS19	Combination	Max	0	0	22.9434	0	0	0
Story2	42	77	DStIS19	Combination	Min	0	0	22.9434	0	0	0
Story2	42	77	DStIS20	Combination	Max	0	0	22.2992	0	0	0
Story2	42	77	DStIS20	Combination	Min	0	0	22.2992	0	0	0
Story2	42	77	DStID1	Combination		0	0	22.6213	0	0	0
Story2	42	77	DStID2	Combination		0	0	27.4894	0	0	0
Story2	42	77	DConS1	Combination		0	0	31.6698	0	0	0
Story2	42	77	DConS2	Combination		0	0	39.4588	0	0	0
Story2	42	77	DConS3	Combination		0	0	28.1659	0	0	0
Story2	42	77	DConS4	Combination		0	0	37.8088	0	0	0
Story2	42	77	DConS5	Combination		0	0	26.0448	0	0	0
Story2	42	77	DConS6	Combination		0	0	37.2948	0	0	0
Story2	42	77	DConS7	Combination		0	0	16.9963	0	0	0
Story2	42	77	DConS8	Combination		0	0	28.2463	0	0	0
Story2	42	77	DConS9	Combination	Max	0	0	33.0559	0	0	0
Story2	42	77	DConS9	Combination	Min	0	0	33.0559	0	0	0
Story2	42	77	DConS10	Combination	Max	0	0	32.9187	0	0	0
Story2	42	77	DConS10	Combination	Min	0	0	32.9187	0	0	0
Story2	42	77	DConS11	Combination	Max	0	0	33.2634	0	0	0
Story2	42	77	DConS11	Combination	Min	0	0	33.2634	0	0	0
Story2	42	77	DConS12	Combination	Max	0	0	32.7112	0	0	0
Story2	42	77	DConS12	Combination	Min	0	0	32.7112	0	0	0
Story2	42	77	DConS13	Combination	Max	0	0	31.7499	0	0	0
Story2	42	77	DConS13	Combination	Min	0	0	31.7499	0	0	0
Story2	42	77	DConS14	Combination	Max	0	0	31.5898	0	0	0
Story2	42	77	DConS14	Combination	Min	0	0	31.5898	0	0	0
Story2	42	77	DConS15	Combination	Max	0	0	31.9919	0	0	0
Story2	42	77	DConS15	Combination	Min	0	0	31.9919	0	0	0
Story2	42	77	DConS16	Combination	Max	0	0	31.3477	0	0	0
Story2	42	77	DConS16	Combination	Min	0	0	31.3477	0	0	0
Story2	42	77	DConS17	Combination	Max	0	0	22.7013	0	0	0
Story2	42	77	DConS17	Combination	Min	0	0	22.7013	0	0	0
Story2	42	77	DConS18	Combination	Max	0	0	22.5412	0	0	0
Story2	42	77	DConS18	Combination	Min	0	0	22.5412	0	0	0
Story2	42	77	DConS19	Combination	Max	0	0	22.9434	0	0	0
Story2	42	77	DConS19	Combination	Min	0	0	22.9434	0	0	0
Story2	42	77	DConS20	Combination	Max	0	0	22.2992	0	0	0
Story2	42	77	DConS20	Combination	Min	0	0	22.2992	0	0	0
Story2	42	77	DCmpD1	Combination		0	0	22.6213	0	0	0
Story2	42	77	DCmpD2	Combination		0	0	27.4894	0	0	0
Story2	42	77	DCmpS1	Combination		0	0	31.6698	0	0	0
Story2	42	77	DCmpS2	Combination		0	0	39.4588	0	0	0
Story2	42	77	DCmpC1	Combination		0	0	31.6698	0	0	0
Story2	43	78	Dead	LinStatic		0	0	24.3248	0	0	0
Story2	43	78	Live	LinStatic		0	0	5.5439	0	0	0
Story2	43	78	WIND	LinStatic		0	0	-4.1361	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	43	78	EQX	LinStatic	Max	0	0	0.0025	0	0	0
Story2	43	78	EQX	LinStatic	Min	0	0	0.0025	0	0	0
Story2	43	78	EQY	LinStatic	Max	0	0	0.2363	0	0	0
Story2	43	78	EQY	LinStatic	Min	0	0	0.2363	0	0	0
Story2	43	78	DSIbS1	Combination		0	0	34.0547	0	0	0
Story2	43	78	DSIbS2	Combination		0	0	42.9249	0	0	0
Story2	43	78	DSIbS3	Combination		0	0	30.8791	0	0	0
Story2	43	78	DSIbS4	Combination		0	0	40.8057	0	0	0
Story2	43	78	DSIbS5	Combination		0	0	28.2642	0	0	0
Story2	43	78	DSIbS6	Combination		0	0	39.8452	0	0	0
Story2	43	78	DSIbS7	Combination		0	0	18.5343	0	0	0
Story2	43	78	DSIbS8	Combination		0	0	30.1153	0	0	0
Story2	43	78	DStIS1	Combination		0	0	34.0547	0	0	0
Story2	43	78	DStIS2	Combination		0	0	42.9249	0	0	0
Story2	43	78	DStIS3	Combination		0	0	30.8791	0	0	0
Story2	43	78	DStIS4	Combination		0	0	40.8057	0	0	0
Story2	43	78	DStIS5	Combination		0	0	28.2642	0	0	0
Story2	43	78	DStIS6	Combination		0	0	39.8452	0	0	0
Story2	43	78	DStIS7	Combination		0	0	18.5343	0	0	0
Story2	43	78	DStIS8	Combination		0	0	30.1153	0	0	0
Story2	43	78	DStIS9	Combination	Max	0	0	35.8454	0	0	0
Story2	43	78	DStIS9	Combination	Min	0	0	35.8454	0	0	0
Story2	43	78	DStIS10	Combination	Max	0	0	35.8394	0	0	0
Story2	43	78	DStIS10	Combination	Min	0	0	35.8394	0	0	0
Story2	43	78	DStIS11	Combination	Max	0	0	36.1259	0	0	0
Story2	43	78	DStIS11	Combination	Min	0	0	36.1259	0	0	0
Story2	43	78	DStIS12	Combination	Max	0	0	35.5589	0	0	0
Story2	43	78	DStIS12	Combination	Min	0	0	35.5589	0	0	0
Story2	43	78	DStIS13	Combination	Max	0	0	34.0582	0	0	0
Story2	43	78	DStIS13	Combination	Min	0	0	34.0582	0	0	0
Story2	43	78	DStIS14	Combination	Max	0	0	34.0513	0	0	0
Story2	43	78	DStIS14	Combination	Min	0	0	34.0513	0	0	0
Story2	43	78	DStIS15	Combination	Max	0	0	34.3855	0	0	0
Story2	43	78	DStIS15	Combination	Min	0	0	34.3855	0	0	0
Story2	43	78	DStIS16	Combination	Max	0	0	33.724	0	0	0
Story2	43	78	DStIS16	Combination	Min	0	0	33.724	0	0	0
Story2	43	78	DStIS17	Combination	Max	0	0	24.3283	0	0	0
Story2	43	78	DStIS17	Combination	Min	0	0	24.3283	0	0	0
Story2	43	78	DStIS18	Combination	Max	0	0	24.3213	0	0	0
Story2	43	78	DStIS18	Combination	Min	0	0	24.3213	0	0	0
Story2	43	78	DStIS19	Combination	Max	0	0	24.6556	0	0	0
Story2	43	78	DStIS19	Combination	Min	0	0	24.6556	0	0	0
Story2	43	78	DStIS20	Combination	Max	0	0	23.9941	0	0	0
Story2	43	78	DStIS20	Combination	Min	0	0	23.9941	0	0	0
Story2	43	78	DStID1	Combination		0	0	24.3248	0	0	0
Story2	43	78	DStID2	Combination		0	0	29.8687	0	0	0
Story2	43	78	DConS1	Combination		0	0	34.0547	0	0	0
Story2	43	78	DConS2	Combination		0	0	42.9249	0	0	0
Story2	43	78	DConS3	Combination		0	0	30.8791	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	43	78	DConS4	Combination		0	0	40.8057	0	0	0
Story2	43	78	DConS5	Combination		0	0	28.2642	0	0	0
Story2	43	78	DConS6	Combination		0	0	39.8452	0	0	0
Story2	43	78	DConS7	Combination		0	0	18.5343	0	0	0
Story2	43	78	DConS8	Combination		0	0	30.1153	0	0	0
Story2	43	78	DConS9	Combination	Max	0	0	35.8454	0	0	0
Story2	43	78	DConS9	Combination	Min	0	0	35.8454	0	0	0
Story2	43	78	DConS10	Combination	Max	0	0	35.8394	0	0	0
Story2	43	78	DConS10	Combination	Min	0	0	35.8394	0	0	0
Story2	43	78	DConS11	Combination	Max	0	0	36.1259	0	0	0
Story2	43	78	DConS11	Combination	Min	0	0	36.1259	0	0	0
Story2	43	78	DConS12	Combination	Max	0	0	35.5589	0	0	0
Story2	43	78	DConS12	Combination	Min	0	0	35.5589	0	0	0
Story2	43	78	DConS13	Combination	Max	0	0	34.0582	0	0	0
Story2	43	78	DConS13	Combination	Min	0	0	34.0582	0	0	0
Story2	43	78	DConS14	Combination	Max	0	0	34.0513	0	0	0
Story2	43	78	DConS14	Combination	Min	0	0	34.0513	0	0	0
Story2	43	78	DConS15	Combination	Max	0	0	34.3855	0	0	0
Story2	43	78	DConS15	Combination	Min	0	0	34.3855	0	0	0
Story2	43	78	DConS16	Combination	Max	0	0	33.724	0	0	0
Story2	43	78	DConS16	Combination	Min	0	0	33.724	0	0	0
Story2	43	78	DConS17	Combination	Max	0	0	24.3283	0	0	0
Story2	43	78	DConS17	Combination	Min	0	0	24.3283	0	0	0
Story2	43	78	DConS18	Combination	Max	0	0	24.3213	0	0	0
Story2	43	78	DConS18	Combination	Min	0	0	24.3213	0	0	0
Story2	43	78	DConS19	Combination	Max	0	0	24.6556	0	0	0
Story2	43	78	DConS19	Combination	Min	0	0	24.6556	0	0	0
Story2	43	78	DConS20	Combination	Max	0	0	23.9941	0	0	0
Story2	43	78	DConS20	Combination	Min	0	0	23.9941	0	0	0
Story2	43	78	DCmpD1	Combination		0	0	24.3248	0	0	0
Story2	43	78	DCmpD2	Combination		0	0	29.8687	0	0	0
Story2	43	78	DCmpS1	Combination		0	0	34.0547	0	0	0
Story2	43	78	DCmpS2	Combination		0	0	42.9249	0	0	0
Story2	43	78	DCmpC1	Combination		0	0	34.0547	0	0	0
Story2	44	79	Dead	LinStatic		0	0	24.3381	0	0	0
Story2	44	79	Live	LinStatic		0	0	5.5428	0	0	0
Story2	44	79	WIND	LinStatic		0	0	-4.136	0	0	0
Story2	44	79	EQX	LinStatic	Max	0	0	0.0015	0	0	0
Story2	44	79	EQX	LinStatic	Min	0	0	0.0015	0	0	0
Story2	44	79	EQY	LinStatic	Max	0	0	0.2363	0	0	0
Story2	44	79	EQY	LinStatic	Min	0	0	0.2363	0	0	0
Story2	44	79	DSlBS1	Combination		0	0	34.0734	0	0	0
Story2	44	79	DSlBS2	Combination		0	0	42.9419	0	0	0
Story2	44	79	DSlBS3	Combination		0	0	30.8939	0	0	0
Story2	44	79	DSlBS4	Combination		0	0	40.8203	0	0	0
Story2	44	79	DSlBS5	Combination		0	0	28.2829	0	0	0
Story2	44	79	DSlBS6	Combination		0	0	39.8638	0	0	0
Story2	44	79	DSlBS7	Combination		0	0	18.5477	0	0	0
Story2	44	79	DSlBS8	Combination		0	0	30.1285	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	44	79	DStIS1	Combination		0	0	34.0734	0	0	0
Story2	44	79	DStIS2	Combination		0	0	42.9419	0	0	0
Story2	44	79	DStIS3	Combination		0	0	30.8939	0	0	0
Story2	44	79	DStIS4	Combination		0	0	40.8203	0	0	0
Story2	44	79	DStIS5	Combination		0	0	28.2829	0	0	0
Story2	44	79	DStIS6	Combination		0	0	39.8638	0	0	0
Story2	44	79	DStIS7	Combination		0	0	18.5477	0	0	0
Story2	44	79	DStIS8	Combination		0	0	30.1285	0	0	0
Story2	44	79	DStIS9	Combination	Max	0	0	35.859	0	0	0
Story2	44	79	DStIS9	Combination	Min	0	0	35.859	0	0	0
Story2	44	79	DStIS10	Combination	Max	0	0	35.8553	0	0	0
Story2	44	79	DStIS10	Combination	Min	0	0	35.8553	0	0	0
Story2	44	79	DStIS11	Combination	Max	0	0	36.1407	0	0	0
Story2	44	79	DStIS11	Combination	Min	0	0	36.1407	0	0	0
Story2	44	79	DStIS12	Combination	Max	0	0	35.5735	0	0	0
Story2	44	79	DStIS12	Combination	Min	0	0	35.5735	0	0	0
Story2	44	79	DStIS13	Combination	Max	0	0	34.0755	0	0	0
Story2	44	79	DStIS13	Combination	Min	0	0	34.0755	0	0	0
Story2	44	79	DStIS14	Combination	Max	0	0	34.0712	0	0	0
Story2	44	79	DStIS14	Combination	Min	0	0	34.0712	0	0	0
Story2	44	79	DStIS15	Combination	Max	0	0	34.4042	0	0	0
Story2	44	79	DStIS15	Combination	Min	0	0	34.4042	0	0	0
Story2	44	79	DStIS16	Combination	Max	0	0	33.7425	0	0	0
Story2	44	79	DStIS16	Combination	Min	0	0	33.7425	0	0	0
Story2	44	79	DStIS17	Combination	Max	0	0	24.3403	0	0	0
Story2	44	79	DStIS17	Combination	Min	0	0	24.3403	0	0	0
Story2	44	79	DStIS18	Combination	Max	0	0	24.336	0	0	0
Story2	44	79	DStIS18	Combination	Min	0	0	24.336	0	0	0
Story2	44	79	DStIS19	Combination	Max	0	0	24.669	0	0	0
Story2	44	79	DStIS19	Combination	Min	0	0	24.669	0	0	0
Story2	44	79	DStIS20	Combination	Max	0	0	24.0073	0	0	0
Story2	44	79	DStIS20	Combination	Min	0	0	24.0073	0	0	0
Story2	44	79	DStID1	Combination		0	0	24.3381	0	0	0
Story2	44	79	DStID2	Combination		0	0	29.8809	0	0	0
Story2	44	79	DConS1	Combination		0	0	34.0734	0	0	0
Story2	44	79	DConS2	Combination		0	0	42.9419	0	0	0
Story2	44	79	DConS3	Combination		0	0	30.8939	0	0	0
Story2	44	79	DConS4	Combination		0	0	40.8203	0	0	0
Story2	44	79	DConS5	Combination		0	0	28.2829	0	0	0
Story2	44	79	DConS6	Combination		0	0	39.8638	0	0	0
Story2	44	79	DConS7	Combination		0	0	18.5477	0	0	0
Story2	44	79	DConS8	Combination		0	0	30.1285	0	0	0
Story2	44	79	DConS9	Combination	Max	0	0	35.859	0	0	0
Story2	44	79	DConS9	Combination	Min	0	0	35.859	0	0	0
Story2	44	79	DConS10	Combination	Max	0	0	35.8553	0	0	0
Story2	44	79	DConS10	Combination	Min	0	0	35.8553	0	0	0
Story2	44	79	DConS11	Combination	Max	0	0	36.1407	0	0	0
Story2	44	79	DConS11	Combination	Min	0	0	36.1407	0	0	0
Story2	44	79	DConS12	Combination	Max	0	0	35.5735	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	44	79	DConS12	Combination	Min	0	0	35.5735	0	0	0
Story2	44	79	DConS13	Combination	Max	0	0	34.0755	0	0	0
Story2	44	79	DConS13	Combination	Min	0	0	34.0755	0	0	0
Story2	44	79	DConS14	Combination	Max	0	0	34.0712	0	0	0
Story2	44	79	DConS14	Combination	Min	0	0	34.0712	0	0	0
Story2	44	79	DConS15	Combination	Max	0	0	34.4042	0	0	0
Story2	44	79	DConS15	Combination	Min	0	0	34.4042	0	0	0
Story2	44	79	DConS16	Combination	Max	0	0	33.7425	0	0	0
Story2	44	79	DConS16	Combination	Min	0	0	33.7425	0	0	0
Story2	44	79	DConS17	Combination	Max	0	0	24.3403	0	0	0
Story2	44	79	DConS17	Combination	Min	0	0	24.3403	0	0	0
Story2	44	79	DConS18	Combination	Max	0	0	24.336	0	0	0
Story2	44	79	DConS18	Combination	Min	0	0	24.336	0	0	0
Story2	44	79	DConS19	Combination	Max	0	0	24.669	0	0	0
Story2	44	79	DConS19	Combination	Min	0	0	24.669	0	0	0
Story2	44	79	DConS20	Combination	Max	0	0	24.0073	0	0	0
Story2	44	79	DConS20	Combination	Min	0	0	24.0073	0	0	0
Story2	44	79	DCmpD1	Combination		0	0	24.3381	0	0	0
Story2	44	79	DCmpD2	Combination		0	0	29.8809	0	0	0
Story2	44	79	DCmpS1	Combination		0	0	34.0734	0	0	0
Story2	44	79	DCmpS2	Combination		0	0	42.9419	0	0	0
Story2	44	79	DCmpC1	Combination		0	0	34.0734	0	0	0
Story2	50	80	Dead	LinStatic		0	0	22.653	0	0	0
Story2	50	80	Live	LinStatic		0	0	4.8766	0	0	0
Story2	50	80	WIND	LinStatic		0	0	-4.04	0	0	0
Story2	50	80	EQX	LinStatic	Max	0	0	-0.0571	0	0	0
Story2	50	80	EQX	LinStatic	Min	0	0	-0.0571	0	0	0
Story2	50	80	EQY	LinStatic	Max	0	0	0.2443	0	0	0
Story2	50	80	EQY	LinStatic	Min	0	0	0.2443	0	0	0
Story2	50	80	DSlbS1	Combination		0	0	31.7142	0	0	0
Story2	50	80	DSlbS2	Combination		0	0	39.5168	0	0	0
Story2	50	80	DSlbS3	Combination		0	0	28.1875	0	0	0
Story2	50	80	DSlbS4	Combination		0	0	37.8835	0	0	0
Story2	50	80	DSlbS5	Combination		0	0	26.0581	0	0	0
Story2	50	80	DSlbS6	Combination		0	0	37.3702	0	0	0
Story2	50	80	DSlbS7	Combination		0	0	16.9969	0	0	0
Story2	50	80	DSlbS8	Combination		0	0	28.309	0	0	0
Story2	50	80	DStIS1	Combination		0	0	31.7142	0	0	0
Story2	50	80	DStIS2	Combination		0	0	39.5168	0	0	0
Story2	50	80	DStIS3	Combination		0	0	28.1875	0	0	0
Story2	50	80	DStIS4	Combination		0	0	37.8835	0	0	0
Story2	50	80	DStIS5	Combination		0	0	26.0581	0	0	0
Story2	50	80	DStIS6	Combination		0	0	37.3702	0	0	0
Story2	50	80	DStIS7	Combination		0	0	16.9969	0	0	0
Story2	50	80	DStIS8	Combination		0	0	28.309	0	0	0
Story2	50	80	DStIS9	Combination	Max	0	0	32.967	0	0	0
Story2	50	80	DStIS9	Combination	Min	0	0	32.967	0	0	0
Story2	50	80	DStIS10	Combination	Max	0	0	33.104	0	0	0
Story2	50	80	DStIS10	Combination	Min	0	0	33.104	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	50	80	DStIS11	Combination	Max	0	0	33.3287	0	0	0
Story2	50	80	DStIS11	Combination	Min	0	0	33.3287	0	0	0
Story2	50	80	DStIS12	Combination	Max	0	0	32.7423	0	0	0
Story2	50	80	DStIS12	Combination	Min	0	0	32.7423	0	0	0
Story2	50	80	DStIS13	Combination	Max	0	0	31.6342	0	0	0
Story2	50	80	DStIS13	Combination	Min	0	0	31.6342	0	0	0
Story2	50	80	DStIS14	Combination	Max	0	0	31.7941	0	0	0
Story2	50	80	DStIS14	Combination	Min	0	0	31.7941	0	0	0
Story2	50	80	DStIS15	Combination	Max	0	0	32.0562	0	0	0
Story2	50	80	DStIS15	Combination	Min	0	0	32.0562	0	0	0
Story2	50	80	DStIS16	Combination	Max	0	0	31.3721	0	0	0
Story2	50	80	DStIS16	Combination	Min	0	0	31.3721	0	0	0
Story2	50	80	DStIS17	Combination	Max	0	0	22.573	0	0	0
Story2	50	80	DStIS17	Combination	Min	0	0	22.573	0	0	0
Story2	50	80	DStIS18	Combination	Max	0	0	22.7329	0	0	0
Story2	50	80	DStIS18	Combination	Min	0	0	22.7329	0	0	0
Story2	50	80	DStIS19	Combination	Max	0	0	22.995	0	0	0
Story2	50	80	DStIS19	Combination	Min	0	0	22.995	0	0	0
Story2	50	80	DStIS20	Combination	Max	0	0	22.3109	0	0	0
Story2	50	80	DStIS20	Combination	Min	0	0	22.3109	0	0	0
Story2	50	80	DStID1	Combination		0	0	22.653	0	0	0
Story2	50	80	DStID2	Combination		0	0	27.5296	0	0	0
Story2	50	80	DConS1	Combination		0	0	31.7142	0	0	0
Story2	50	80	DConS2	Combination		0	0	39.5168	0	0	0
Story2	50	80	DConS3	Combination		0	0	28.1875	0	0	0
Story2	50	80	DConS4	Combination		0	0	37.8835	0	0	0
Story2	50	80	DConS5	Combination		0	0	26.0581	0	0	0
Story2	50	80	DConS6	Combination		0	0	37.3702	0	0	0
Story2	50	80	DConS7	Combination		0	0	16.9969	0	0	0
Story2	50	80	DConS8	Combination		0	0	28.309	0	0	0
Story2	50	80	DConS9	Combination	Max	0	0	32.967	0	0	0
Story2	50	80	DConS9	Combination	Min	0	0	32.967	0	0	0
Story2	50	80	DConS10	Combination	Max	0	0	33.104	0	0	0
Story2	50	80	DConS10	Combination	Min	0	0	33.104	0	0	0
Story2	50	80	DConS11	Combination	Max	0	0	33.3287	0	0	0
Story2	50	80	DConS11	Combination	Min	0	0	33.3287	0	0	0
Story2	50	80	DConS12	Combination	Max	0	0	32.7423	0	0	0
Story2	50	80	DConS12	Combination	Min	0	0	32.7423	0	0	0
Story2	50	80	DConS13	Combination	Max	0	0	31.6342	0	0	0
Story2	50	80	DConS13	Combination	Min	0	0	31.6342	0	0	0
Story2	50	80	DConS14	Combination	Max	0	0	31.7941	0	0	0
Story2	50	80	DConS14	Combination	Min	0	0	31.7941	0	0	0
Story2	50	80	DConS15	Combination	Max	0	0	32.0562	0	0	0
Story2	50	80	DConS15	Combination	Min	0	0	32.0562	0	0	0
Story2	50	80	DConS16	Combination	Max	0	0	31.3721	0	0	0
Story2	50	80	DConS16	Combination	Min	0	0	31.3721	0	0	0
Story2	50	80	DConS17	Combination	Max	0	0	22.573	0	0	0
Story2	50	80	DConS17	Combination	Min	0	0	22.573	0	0	0
Story2	50	80	DConS18	Combination	Max	0	0	22.7329	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	50	80	DConS18	Combination	Min	0	0	22.7329	0	0	0
Story2	50	80	DConS19	Combination	Max	0	0	22.995	0	0	0
Story2	50	80	DConS19	Combination	Min	0	0	22.995	0	0	0
Story2	50	80	DConS20	Combination	Max	0	0	22.3109	0	0	0
Story2	50	80	DConS20	Combination	Min	0	0	22.3109	0	0	0
Story2	50	80	DCmpD1	Combination		0	0	22.653	0	0	0
Story2	50	80	DCmpD2	Combination		0	0	27.5296	0	0	0
Story2	50	80	DCmpS1	Combination		0	0	31.7142	0	0	0
Story2	50	80	DCmpS2	Combination		0	0	39.5168	0	0	0
Story2	50	80	DCmpC1	Combination		0	0	31.7142	0	0	0
Story2	51	81	Dead	LinStatic		0	0	17.6043	0	0	0
Story2	51	81	Live	LinStatic		0	0	3.7861	0	0	0
Story2	51	81	WIND	LinStatic		0	0	-3.8976	0	0	0
Story2	51	81	EQX	LinStatic	Max	0	0	-0.6344	0	0	0
Story2	51	81	EQX	LinStatic	Min	0	0	-0.6344	0	0	0
Story2	51	81	EQY	LinStatic	Max	0	0	0.1331	0	0	0
Story2	51	81	EQY	LinStatic	Min	0	0	0.1331	0	0	0
Story2	51	81	DSlbS1	Combination		0	0	24.646	0	0	0
Story2	51	81	DSlbS2	Combination		0	0	30.7037	0	0	0
Story2	51	81	DSlbS3	Combination		0	0	20.9913	0	0	0
Story2	51	81	DSlbS4	Combination		0	0	30.3455	0	0	0
Story2	51	81	DSlbS5	Combination		0	0	19.1894	0	0	0
Story2	51	81	DSlbS6	Combination		0	0	30.1025	0	0	0
Story2	51	81	DSlbS7	Combination		0	0	12.1477	0	0	0
Story2	51	81	DSlbS8	Combination		0	0	23.0608	0	0	0
Story2	51	81	DStIS1	Combination		0	0	24.646	0	0	0
Story2	51	81	DStIS2	Combination		0	0	30.7037	0	0	0
Story2	51	81	DStIS3	Combination		0	0	20.9913	0	0	0
Story2	51	81	DStIS4	Combination		0	0	30.3455	0	0	0
Story2	51	81	DStIS5	Combination		0	0	19.1894	0	0	0
Story2	51	81	DStIS6	Combination		0	0	30.1025	0	0	0
Story2	51	81	DStIS7	Combination		0	0	12.1477	0	0	0
Story2	51	81	DStIS8	Combination		0	0	23.0608	0	0	0
Story2	51	81	DStIS9	Combination	Max	0	0	24.9071	0	0	0
Story2	51	81	DStIS9	Combination	Min	0	0	24.9071	0	0	0
Story2	51	81	DStIS10	Combination	Max	0	0	26.4297	0	0	0
Story2	51	81	DStIS10	Combination	Min	0	0	26.4297	0	0	0
Story2	51	81	DStIS11	Combination	Max	0	0	25.8281	0	0	0
Story2	51	81	DStIS11	Combination	Min	0	0	25.8281	0	0	0
Story2	51	81	DStIS12	Combination	Max	0	0	25.5087	0	0	0
Story2	51	81	DStIS12	Combination	Min	0	0	25.5087	0	0	0
Story2	51	81	DStIS13	Combination	Max	0	0	23.7577	0	0	0
Story2	51	81	DStIS13	Combination	Min	0	0	23.7577	0	0	0
Story2	51	81	DStIS14	Combination	Max	0	0	25.5342	0	0	0
Story2	51	81	DStIS14	Combination	Min	0	0	25.5342	0	0	0
Story2	51	81	DStIS15	Combination	Max	0	0	24.8323	0	0	0
Story2	51	81	DStIS15	Combination	Min	0	0	24.8323	0	0	0
Story2	51	81	DStIS16	Combination	Max	0	0	24.4596	0	0	0
Story2	51	81	DStIS16	Combination	Min	0	0	24.4596	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story2	51	81	DStIS17	Combination	Max	0	0	16.716	0	0	0
Story2	51	81	DStIS17	Combination	Min	0	0	16.716	0	0	0
Story2	51	81	DStIS18	Combination	Max	0	0	18.4925	0	0	0
Story2	51	81	DStIS18	Combination	Min	0	0	18.4925	0	0	0
Story2	51	81	DStIS19	Combination	Max	0	0	17.7906	0	0	0
Story2	51	81	DStIS19	Combination	Min	0	0	17.7906	0	0	0
Story2	51	81	DStIS20	Combination	Max	0	0	17.4179	0	0	0
Story2	51	81	DStIS20	Combination	Min	0	0	17.4179	0	0	0
Story2	51	81	DStID1	Combination		0	0	17.6043	0	0	0
Story2	51	81	DStID2	Combination		0	0	21.3903	0	0	0
Story2	51	81	DConS1	Combination		0	0	24.646	0	0	0
Story2	51	81	DConS2	Combination		0	0	30.7037	0	0	0
Story2	51	81	DConS3	Combination		0	0	20.9913	0	0	0
Story2	51	81	DConS4	Combination		0	0	30.3455	0	0	0
Story2	51	81	DConS5	Combination		0	0	19.1894	0	0	0
Story2	51	81	DConS6	Combination		0	0	30.1025	0	0	0
Story2	51	81	DConS7	Combination		0	0	12.1477	0	0	0
Story2	51	81	DConS8	Combination		0	0	23.0608	0	0	0
Story2	51	81	DConS9	Combination	Max	0	0	24.9071	0	0	0
Story2	51	81	DConS9	Combination	Min	0	0	24.9071	0	0	0
Story2	51	81	DConS10	Combination	Max	0	0	26.4297	0	0	0
Story2	51	81	DConS10	Combination	Min	0	0	26.4297	0	0	0
Story2	51	81	DConS11	Combination	Max	0	0	25.8281	0	0	0
Story2	51	81	DConS11	Combination	Min	0	0	25.8281	0	0	0
Story2	51	81	DConS12	Combination	Max	0	0	25.5087	0	0	0
Story2	51	81	DConS12	Combination	Min	0	0	25.5087	0	0	0
Story2	51	81	DConS13	Combination	Max	0	0	23.7577	0	0	0
Story2	51	81	DConS13	Combination	Min	0	0	23.7577	0	0	0
Story2	51	81	DConS14	Combination	Max	0	0	25.5342	0	0	0
Story2	51	81	DConS14	Combination	Min	0	0	25.5342	0	0	0
Story2	51	81	DConS15	Combination	Max	0	0	24.8323	0	0	0
Story2	51	81	DConS15	Combination	Min	0	0	24.8323	0	0	0
Story2	51	81	DConS16	Combination	Max	0	0	24.4596	0	0	0
Story2	51	81	DConS16	Combination	Min	0	0	24.4596	0	0	0
Story2	51	81	DConS17	Combination	Max	0	0	16.716	0	0	0
Story2	51	81	DConS17	Combination	Min	0	0	16.716	0	0	0
Story2	51	81	DConS18	Combination	Max	0	0	18.4925	0	0	0
Story2	51	81	DConS18	Combination	Min	0	0	18.4925	0	0	0
Story2	51	81	DConS19	Combination	Max	0	0	17.7906	0	0	0
Story2	51	81	DConS19	Combination	Min	0	0	17.7906	0	0	0
Story2	51	81	DConS20	Combination	Max	0	0	17.4179	0	0	0
Story2	51	81	DConS20	Combination	Min	0	0	17.4179	0	0	0
Story2	51	81	DCmpD1	Combination		0	0	17.6043	0	0	0
Story2	51	81	DCmpD2	Combination		0	0	21.3903	0	0	0
Story2	51	81	DCmpS1	Combination		0	0	24.646	0	0	0
Story2	51	81	DCmpS2	Combination		0	0	30.7037	0	0	0
Story2	51	81	DCmpC1	Combination		0	0	24.646	0	0	0
Base	1	37	Dead	LinStatic		4.6059	-2.1422	72.0214	-10.501	-13.7776	-0.4345
Base	1	37	Live	LinStatic		-0.1659	0.2332	14.4328	-7.7578	-10.3679	-0.1402

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	37	WIND	LinStatic		0.0468	3.8593	-2.0585	-7.536	0.0682	-0.0907
Base	1	37	EQX	LinStatic	Max	-1.9486	-0.025	-0.786	0.0483	-3.9423	-0.0519
Base	1	37	EQX	LinStatic	Min	-1.9486	-0.025	-0.786	0.0483	-3.9423	-0.0519
Base	1	37	EQY	LinStatic	Max	-0.0176	-3.0569	1.563	5.9349	-0.0312	0.0636
Base	1	37	EQY	LinStatic	Min	-0.0176	-3.0569	1.563	5.9349	-0.0312	0.0636
Base	1	37	DSlbS1	Combination		6.4483	-2.9991	100.8299	-14.7014	-19.2886	-0.6083
Base	1	37	DSlbS2	Combination		6.1828	-2.626	123.9223	-27.1138	-35.8772	-0.8327
Base	1	37	DSlbS3	Combination		5.3842	2.3403	101.2748	-30.9537	-28.8927	-0.7986
Base	1	37	DSlbS4	Combination		5.2718	-6.922	106.2151	-12.8673	-29.0564	-0.5808
Base	1	37	DSlbS5	Combination		6.5139	2.4039	97.948	-25.2518	-19.1932	-0.7354
Base	1	37	DSlbS6	Combination		6.3827	-8.4022	103.7118	-4.151	-19.3841	-0.4813
Base	1	37	DSlbS7	Combination		4.6715	3.2608	69.1395	-21.0514	-13.6822	-0.5616
Base	1	37	DSlbS8	Combination		4.5403	-7.5453	74.9032	0.0494	-13.873	-0.3075
Base	1	37	DStlS1	Combination		6.4483	-2.9991	100.8299	-14.7014	-19.2886	-0.6083
Base	1	37	DStlS2	Combination		6.1828	-2.626	123.9223	-27.1138	-35.8772	-0.8327
Base	1	37	DStlS3	Combination		5.3842	2.3403	101.2748	-30.9537	-28.8927	-0.7986
Base	1	37	DStlS4	Combination		5.2718	-6.922	106.2151	-12.8673	-29.0564	-0.5808
Base	1	37	DStlS5	Combination		6.5139	2.4039	97.948	-25.2518	-19.1932	-0.7354
Base	1	37	DStlS6	Combination		6.3827	-8.4022	103.7118	-4.151	-19.3841	-0.4813
Base	1	37	DStlS7	Combination		4.6715	3.2608	69.1395	-21.0514	-13.6822	-0.5616
Base	1	37	DStlS8	Combination		4.5403	-7.5453	74.9032	0.0494	-13.873	-0.3075
Base	1	37	DStlS9	Combination	Max	2.9897	-2.3208	102.8017	-21.8526	-33.7053	-0.752
Base	1	37	DStlS9	Combination	Min	2.9897	-2.3208	102.8017	-21.8526	-33.7053	-0.752
Base	1	37	DStlS10	Combination	Max	7.6663	-2.2609	104.6882	-21.9684	-24.2439	-0.6275
Base	1	37	DStlS10	Combination	Min	7.6663	-2.2609	104.6882	-21.9684	-24.2439	-0.6275
Base	1	37	DStlS11	Combination	Max	5.3069	-5.9591	105.6205	-14.7886	-29.012	-0.6134
Base	1	37	DStlS11	Combination	Min	5.3069	-5.9591	105.6205	-14.7886	-29.012	-0.6134
Base	1	37	DStlS12	Combination	Max	5.3491	1.3774	101.8694	-29.0324	-28.9371	-0.766
Base	1	37	DStlS12	Combination	Min	5.3491	1.3774	101.8694	-29.0324	-28.9371	-0.766
Base	1	37	DStlS13	Combination	Max	3.7203	-3.0341	99.7295	-14.6338	-24.8078	-0.681
Base	1	37	DStlS13	Combination	Min	3.7203	-3.0341	99.7295	-14.6338	-24.8078	-0.681
Base	1	37	DStlS14	Combination	Max	9.1763	-2.9642	101.9303	-14.769	-13.7695	-0.5357

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	37	DStIS14	Combination	Min	9.1763	-2.9642	101.9303	-14.769	-13.7695	-0.5357
Base	1	37	DStIS15	Combination	Max	6.4237	-7.2787	103.0181	-6.3926	-19.3324	-0.5194
Base	1	37	DStIS15	Combination	Min	6.4237	-7.2787	103.0181	-6.3926	-19.3324	-0.5194
Base	1	37	DStIS16	Combination	Max	6.4729	1.2805	98.6417	-23.0102	-19.2449	-0.6973
Base	1	37	DStIS16	Combination	Min	6.4729	1.2805	98.6417	-23.0102	-19.2449	-0.6973
Base	1	37	DStIS17	Combination	Max	1.8779	-2.1772	70.9209	-10.4334	-19.2967	-0.5071
Base	1	37	DStIS17	Combination	Min	1.8779	-2.1772	70.9209	-10.4334	-19.2967	-0.5071
Base	1	37	DStIS18	Combination	Max	7.3339	-2.1073	73.1218	-10.5686	-8.2584	-0.3619
Base	1	37	DStIS18	Combination	Min	7.3339	-2.1073	73.1218	-10.5686	-8.2584	-0.3619
Base	1	37	DStIS19	Combination	Max	4.5813	-6.4218	74.2095	-2.1922	-13.8213	-0.3455
Base	1	37	DStIS19	Combination	Min	4.5813	-6.4218	74.2095	-2.1922	-13.8213	-0.3455
Base	1	37	DStIS20	Combination	Max	4.6305	2.1374	69.8332	-18.8098	-13.7339	-0.5235
Base	1	37	DStIS20	Combination	Min	4.6305	2.1374	69.8332	-18.8098	-13.7339	-0.5235
Base	1	37	DStID1	Combination		4.6059	-2.1422	72.0214	-10.501	-13.7776	-0.4345
Base	1	37	DStID2	Combination		4.44	-1.909	86.4541	-18.2587	-24.1455	-0.5748
Base	1	37	DConS1	Combination		6.4483	-2.9991	100.8299	-14.7014	-19.2886	-0.6083
Base	1	37	DConS2	Combination		6.1828	-2.626	123.9223	-27.1138	-35.8772	-0.8327
Base	1	37	DConS3	Combination		5.3842	2.3403	101.2748	-30.9537	-28.8927	-0.7986
Base	1	37	DConS4	Combination		5.2718	-6.922	106.2151	-12.8673	-29.0564	-0.5808
Base	1	37	DConS5	Combination		6.5139	2.4039	97.948	-25.2518	-19.1932	-0.7354
Base	1	37	DConS6	Combination		6.3827	-8.4022	103.7118	-4.151	-19.3841	-0.4813
Base	1	37	DConS7	Combination		4.6715	3.2608	69.1395	-21.0514	-13.6822	-0.5616
Base	1	37	DConS8	Combination		4.5403	-7.5453	74.9032	0.0494	-13.873	-0.3075
Base	1	37	DConS9	Combination	Max	2.9897	-2.3208	102.8017	-21.8526	-33.7053	-0.752
Base	1	37	DConS9	Combination	Min	2.9897	-2.3208	102.8017	-21.8526	-33.7053	-0.752
Base	1	37	DConS10	Combination	Max	7.6663	-2.2609	104.6882	-21.9684	-24.2439	-0.6275
Base	1	37	DConS10	Combination	Min	7.6663	-2.2609	104.6882	-21.9684	-24.2439	-0.6275
Base	1	37	DConS11	Combination	Max	5.3069	-5.9591	105.6205	-14.7886	-29.012	-0.6134
Base	1	37	DConS11	Combination	Min	5.3069	-5.9591	105.6205	-14.7886	-29.012	-0.6134
Base	1	37	DConS12	Combination	Max	5.3491	1.3774	101.8694	-29.0324	-28.9371	-0.766
Base	1	37	DConS12	Combination	Min	5.3491	1.3774	101.8694	-29.0324	-28.9371	-0.766
Base	1	37	DConS13	Combination	Max	3.7203	-3.0341	99.7295	-14.6338	-24.8078	-0.681
Base	1	37	DConS13	Combination	Min	3.7203	-3.0341	99.7295	-14.6338	-24.8078	-0.681

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	37	DConS14	Combination	Max	9.1763	-2.9642	101.9303	-14.769	-13.7695	-0.5357
Base	1	37	DConS14	Combination	Min	9.1763	-2.9642	101.9303	-14.769	-13.7695	-0.5357
Base	1	37	DConS15	Combination	Max	6.4237	-7.2787	103.0181	-6.3926	-19.3324	-0.5194
Base	1	37	DConS15	Combination	Min	6.4237	-7.2787	103.0181	-6.3926	-19.3324	-0.5194
Base	1	37	DConS16	Combination	Max	6.4729	1.2805	98.6417	-23.0102	-19.2449	-0.6973
Base	1	37	DConS16	Combination	Min	6.4729	1.2805	98.6417	-23.0102	-19.2449	-0.6973
Base	1	37	DConS17	Combination	Max	1.8779	-2.1772	70.9209	-10.4334	-19.2967	-0.5071
Base	1	37	DConS17	Combination	Min	1.8779	-2.1772	70.9209	-10.4334	-19.2967	-0.5071
Base	1	37	DConS18	Combination	Max	7.3339	-2.1073	73.1218	-10.5686	-8.2584	-0.3619
Base	1	37	DConS18	Combination	Min	7.3339	-2.1073	73.1218	-10.5686	-8.2584	-0.3619
Base	1	37	DConS19	Combination	Max	4.5813	-6.4218	74.2095	-2.1922	-13.8213	-0.3455
Base	1	37	DConS19	Combination	Min	4.5813	-6.4218	74.2095	-2.1922	-13.8213	-0.3455
Base	1	37	DConS20	Combination	Max	4.6305	2.1374	69.8332	-18.8098	-13.7339	-0.5235
Base	1	37	DConS20	Combination	Min	4.6305	2.1374	69.8332	-18.8098	-13.7339	-0.5235
Base	1	37	DCmpD1	Combination		4.6059	-2.1422	72.0214	-10.501	-13.7776	-0.4345
Base	1	37	DCmpD2	Combination		4.44	-1.909	86.4541	-18.2587	-24.1455	-0.5748
Base	1	37	DCmpS1	Combination		6.4483	-2.9991	100.8299	-14.7014	-19.2886	-0.6083
Base	1	37	DCmpS2	Combination		6.1828	-2.626	123.9223	-27.1138	-35.8772	-0.8327
Base	1	37	DCmpC1	Combination		6.4483	-2.9991	100.8299	-14.7014	-19.2886	-0.6083
Base	2	38	Dead	LinStatic		-0.9524	-2.3616	104.5947	-15.1539	-0.7943	-0.4996
Base	2	38	Live	LinStatic		-0.1056	-0.7705	29.5435	-14.9124	0.1758	-0.188
Base	2	38	WIND	LinStatic		0.0372	0.8816	0.0044	-3.5552	0.0581	-0.117
Base	2	38	EQX	LinStatic	Max	-2.5798	-0.0357	0.18	0.0676	-4.611	0.0113
Base	2	38	EQX	LinStatic	Min	-2.5798	-0.0357	0.18	0.0676	-4.611	0.0113
Base	2	38	EQY	LinStatic	Max	-0.0169	-0.8861	0.0005	3.0845	-0.0303	0.0819
Base	2	38	EQY	LinStatic	Min	-0.0169	-0.8861	0.0005	3.0845	-0.0303	0.0819
Base	2	38	DSlbS1	Combination		-1.3334	-3.3062	146.4326	-21.2154	-1.112	-0.6994
Base	2	38	DSlbS2	Combination		-1.5024	-4.5391	193.7023	-45.0752	-0.8308	-1.0003
Base	2	38	DSlbS3	Combination		-1.225	-2.7006	160.9712	-40.3457	-0.6725	-0.9656
Base	2	38	DSlbS4	Combination		-1.3143	-4.8165	160.9607	-31.8133	-0.812	-0.6847
Base	2	38	DSlbS5	Combination		-1.2814	-2.072	146.4388	-26.1927	-1.0306	-0.8633
Base	2	38	DSlbS6	Combination		-1.3855	-4.5405	146.4265	-16.2382	-1.1934	-0.5356
Base	2	38	DSlbS7	Combination		-0.9004	-1.1273	104.6009	-20.1311	-0.7129	-0.6634
Base	2	38	DSlbS8	Combination		-1.0045	-3.5959	104.5886	-10.1766	-0.8757	-0.3357

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	2	38	DStIS1	Combination		-1.3334	-3.3062	146.4326	-21.2154	-1.112	-0.6994
Base	2	38	DStIS2	Combination		-1.5024	-4.5391	193.7023	-45.0752	-0.8308	-1.0003
Base	2	38	DStIS3	Combination		-1.225	-2.7006	160.9712	-40.3457	-0.6725	-0.9656
Base	2	38	DStIS4	Combination		-1.3143	-4.8165	160.9607	-31.8133	-0.812	-0.6847
Base	2	38	DStIS5	Combination		-1.2814	-2.072	146.4388	-26.1927	-1.0306	-0.8633
Base	2	38	DStIS6	Combination		-1.3855	-4.5405	146.4265	-16.2382	-1.1934	-0.5356
Base	2	38	DStIS7	Combination		-0.9004	-1.1273	104.6009	-20.1311	-0.7129	-0.6634
Base	2	38	DStIS8	Combination		-1.0045	-3.5959	104.5886	-10.1766	-0.8757	-0.3357
Base	2	38	DStIS9	Combination	Max	-4.3654	-3.8014	161.182	-35.9984	-6.2754	-0.8116
Base	2	38	DStIS9	Combination	Min	-4.3654	-3.8014	161.182	-35.9984	-6.2754	-0.8116
Base	2	38	DStIS10	Combination	Max	1.8261	-3.7157	160.7499	-36.1606	4.7909	-0.8387
Base	2	38	DStIS10	Combination	Min	1.8261	-3.7157	160.7499	-36.1606	4.7909	-0.8387
Base	2	38	DStIS11	Combination	Max	-1.2899	-4.8218	160.9665	-32.3781	-0.7786	-0.7268
Base	2	38	DStIS11	Combination	Min	-1.2899	-4.8218	160.9665	-32.3781	-0.7786	-0.7268
Base	2	38	DStIS12	Combination	Max	-1.2494	-2.6953	160.9654	-39.7809	-0.7059	-0.9235
Base	2	38	DStIS12	Combination	Min	-1.2494	-2.6953	160.9654	-39.7809	-0.7059	-0.9235
Base	2	38	DStIS13	Combination	Max	-4.9451	-3.3562	146.6847	-21.1208	-7.5674	-0.6836
Base	2	38	DStIS13	Combination	Min	-4.9451	-3.3562	146.6847	-21.1208	-7.5674	-0.6836
Base	2	38	DStIS14	Combination	Max	2.2783	-3.2562	146.1806	-21.3101	5.3434	-0.7152
Base	2	38	DStIS14	Combination	Min	2.2783	-3.2562	146.1806	-21.3101	5.3434	-0.7152
Base	2	38	DStIS15	Combination	Max	-1.357	-4.5467	146.4333	-16.8971	-1.1544	-0.5847
Base	2	38	DStIS15	Combination	Min	-1.357	-4.5467	146.4333	-16.8971	-1.1544	-0.5847
Base	2	38	DStIS16	Combination	Max	-1.3098	-2.0658	146.432	-25.5337	-1.0696	-0.8141
Base	2	38	DStIS16	Combination	Min	-1.3098	-2.0658	146.432	-25.5337	-1.0696	-0.8141
Base	2	38	DStIS17	Combination	Max	-4.5641	-2.4116	104.8468	-15.0592	-7.2497	-0.4838
Base	2	38	DStIS17	Combination	Min	-4.5641	-2.4116	104.8468	-15.0592	-7.2497	-0.4838
Base	2	38	DStIS18	Combination	Max	2.6593	-2.3116	104.3427	-15.2485	5.6611	-0.5154

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	2	38	DStIS18	Combination	Min	2.6593	-2.3116	104.3427	-15.2485	5.6611	-0.5154
Base	2	38	DStIS19	Combination	Max	-0.9761	-3.6021	104.5954	-10.8355	-0.8367	-0.3849
Base	2	38	DStIS19	Combination	Min	-0.9761	-3.6021	104.5954	-10.8355	-0.8367	-0.3849
Base	2	38	DStIS20	Combination	Max	-0.9288	-1.1211	104.5941	-19.4722	-0.7519	-0.6143
Base	2	38	DStIS20	Combination	Min	-0.9288	-1.1211	104.5941	-19.4722	-0.7519	-0.6143
Base	2	38	DStID1	Combination		-0.9524	-2.3616	104.5947	-15.1539	-0.7943	-0.4996
Base	2	38	DStID2	Combination		-1.058	-3.1321	134.1383	-30.0663	-0.6185	-0.6876
Base	2	38	DConS1	Combination		-1.3334	-3.3062	146.4326	-21.2154	-1.112	-0.6994
Base	2	38	DConS2	Combination		-1.5024	-4.5391	193.7023	-45.0752	-0.8308	-1.0003
Base	2	38	DConS3	Combination		-1.225	-2.7006	160.9712	-40.3457	-0.6725	-0.9656
Base	2	38	DConS4	Combination		-1.3143	-4.8165	160.9607	-31.8133	-0.812	-0.6847
Base	2	38	DConS5	Combination		-1.2814	-2.072	146.4388	-26.1927	-1.0306	-0.8633
Base	2	38	DConS6	Combination		-1.3855	-4.5405	146.4265	-16.2382	-1.1934	-0.5356
Base	2	38	DConS7	Combination		-0.9004	-1.1273	104.6009	-20.1311	-0.7129	-0.6634
Base	2	38	DConS8	Combination		-1.0045	-3.5959	104.5886	-10.1766	-0.8757	-0.3357
Base	2	38	DConS9	Combination	Max	-4.3654	-3.8014	161.182	-35.9984	-6.2754	-0.8116
Base	2	38	DConS9	Combination	Min	-4.3654	-3.8014	161.182	-35.9984	-6.2754	-0.8116
Base	2	38	DConS10	Combination	Max	1.8261	-3.7157	160.7499	-36.1606	4.7909	-0.8387
Base	2	38	DConS10	Combination	Min	1.8261	-3.7157	160.7499	-36.1606	4.7909	-0.8387
Base	2	38	DConS11	Combination	Max	-1.2899	-4.8218	160.9665	-32.3781	-0.7786	-0.7268
Base	2	38	DConS11	Combination	Min	-1.2899	-4.8218	160.9665	-32.3781	-0.7786	-0.7268
Base	2	38	DConS12	Combination	Max	-1.2494	-2.6953	160.9654	-39.7809	-0.7059	-0.9235
Base	2	38	DConS12	Combination	Min	-1.2494	-2.6953	160.9654	-39.7809	-0.7059	-0.9235
Base	2	38	DConS13	Combination	Max	-4.9451	-3.3562	146.6847	-21.1208	-7.5674	-0.6836
Base	2	38	DConS13	Combination	Min	-4.9451	-3.3562	146.6847	-21.1208	-7.5674	-0.6836
Base	2	38	DConS14	Combination	Max	2.2783	-3.2562	146.1806	-21.3101	5.3434	-0.7152

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	2	38	DConS14	Combination	Min	2.2783	-3.2562	146.1806	-21.3101	5.3434	-0.7152
Base	2	38	DConS15	Combination	Max	-1.357	-4.5467	146.4333	-16.8971	-1.1544	-0.5847
Base	2	38	DConS15	Combination	Min	-1.357	-4.5467	146.4333	-16.8971	-1.1544	-0.5847
Base	2	38	DConS16	Combination	Max	-1.3098	-2.0658	146.432	-25.5337	-1.0696	-0.8141
Base	2	38	DConS16	Combination	Min	-1.3098	-2.0658	146.432	-25.5337	-1.0696	-0.8141
Base	2	38	DConS17	Combination	Max	-4.5641	-2.4116	104.8468	-15.0592	-7.2497	-0.4838
Base	2	38	DConS17	Combination	Min	-4.5641	-2.4116	104.8468	-15.0592	-7.2497	-0.4838
Base	2	38	DConS18	Combination	Max	2.6593	-2.3116	104.3427	-15.2485	5.6611	-0.5154
Base	2	38	DConS18	Combination	Min	2.6593	-2.3116	104.3427	-15.2485	5.6611	-0.5154
Base	2	38	DConS19	Combination	Max	-0.9761	-3.6021	104.5954	-10.8355	-0.8367	-0.3849
Base	2	38	DConS19	Combination	Min	-0.9761	-3.6021	104.5954	-10.8355	-0.8367	-0.3849
Base	2	38	DConS20	Combination	Max	-0.9288	-1.1211	104.5941	-19.4722	-0.7519	-0.6143
Base	2	38	DConS20	Combination	Min	-0.9288	-1.1211	104.5941	-19.4722	-0.7519	-0.6143
Base	2	38	DCmpD1	Combination		-0.9524	-2.3616	104.5947	-15.1539	-0.7943	-0.4996
Base	2	38	DCmpD2	Combination		-1.058	-3.1321	134.1383	-30.0663	-0.6185	-0.6876
Base	2	38	DCmpS1	Combination		-1.3334	-3.3062	146.4326	-21.2154	-1.112	-0.6994
Base	2	38	DCmpS2	Combination		-1.5024	-4.5391	193.7023	-45.0752	-0.8308	-1.0003
Base	2	38	DCmpC1	Combination		-1.3334	-3.3062	146.4326	-21.2154	-1.112	-0.6994
Base	3	40	Dead	LinStatic		-0.1651	-3.3006	102.5827	-12.697	-0.2629	-0.1486
Base	3	40	Live	LinStatic		-0.0836	-1.2084	29.3565	-13.7801	-0.1198	-0.058
Base	3	40	WIND	LinStatic		0.0267	0.5196	0.0079	-3.0045	0.0474	0.0006
Base	3	40	EQX	LinStatic	Max	-2.4958	-0.0023	-0.0245	0.0101	-4.5196	0.0031
Base	3	40	EQX	LinStatic	Min	-2.4958	-0.0023	-0.0245	0.0101	-4.5196	0.0031
Base	3	40	EQY	LinStatic	Max	-0.012	-0.603	-0.0026	2.6407	-0.0248	0.0062
Base	3	40	EQY	LinStatic	Min	-0.012	-0.603	-0.0026	2.6407	-0.0248	0.0062
Base	3	40	DSlbS1	Combination		-0.2311	-4.6209	143.6157	-17.7759	-0.3681	-0.208
Base	3	40	DSlbS2	Combination		-0.3648	-6.5544	190.5861	-39.824	-0.5598	-0.3009
Base	3	40	DSlbS3	Combination		-0.2664	-4.7874	158.3364	-35.378	-0.4025	-0.2472
Base	3	40	DSlbS4	Combination		-0.3303	-6.0344	158.3175	-28.1671	-0.5161	-0.2487

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	3	40	DSlbS5	Combination		-0.1938	-3.8935	143.6267	-21.9822	-0.3018	-0.2072
Base	3	40	DSlbS6	Combination		-0.2684	-5.3483	143.6047	-13.5695	-0.4344	-0.2089
Base	3	40	DSlbS7	Combination		-0.1277	-2.5732	102.5937	-16.9033	-0.1966	-0.1477
Base	3	40	DSlbS8	Combination		-0.2024	-4.028	102.5717	-8.4907	-0.3292	-0.1495
Base	3	40	DStlS1	Combination		-0.2311	-4.6209	143.6157	-17.7759	-0.3681	-0.208
Base	3	40	DStlS2	Combination		-0.3648	-6.5544	190.5861	-39.824	-0.5598	-0.3009
Base	3	40	DStlS3	Combination		-0.2664	-4.7874	158.3364	-35.378	-0.4025	-0.2472
Base	3	40	DStlS4	Combination		-0.3303	-6.0344	158.3175	-28.1671	-0.5161	-0.2487
Base	3	40	DStlS5	Combination		-0.1938	-3.8935	143.6267	-21.9822	-0.3018	-0.2072
Base	3	40	DStlS6	Combination		-0.2684	-5.3483	143.6047	-13.5695	-0.4344	-0.2089
Base	3	40	DStlS7	Combination		-0.1277	-2.5732	102.5937	-16.9033	-0.1966	-0.1477
Base	3	40	DStlS8	Combination		-0.2024	-4.028	102.5717	-8.4907	-0.3292	-0.1495
Base	3	40	DStlS9	Combination	Max	-3.2933	-5.4136	158.2975	-31.7604	-5.8828	-0.2443
Base	3	40	DStlS9	Combination	Min	-3.2933	-5.4136	158.2975	-31.7604	-5.8828	-0.2443
Base	3	40	DStlS10	Combination	Max	2.6965	-5.4081	158.3564	-31.7847	4.9642	-0.2516
Base	3	40	DStlS10	Combination	Min	2.6965	-5.4081	158.3564	-31.7847	4.9642	-0.2516
Base	3	40	DStlS11	Combination	Max	-0.3128	-6.1345	158.3239	-28.6037	-0.4891	-0.2405
Base	3	40	DStlS11	Combination	Min	-0.3128	-6.1345	158.3239	-28.6037	-0.4891	-0.2405
Base	3	40	DStlS12	Combination	Max	-0.284	-4.6872	158.33	-34.9414	-0.4295	-0.2554
Base	3	40	DStlS12	Combination	Min	-0.284	-4.6872	158.33	-34.9414	-0.4295	-0.2554
Base	3	40	DStlS13	Combination	Max	-3.7251	-4.6241	143.5814	-17.7617	-6.6955	-0.2038
Base	3	40	DStlS13	Combination	Min	-3.7251	-4.6241	143.5814	-17.7617	-6.6955	-0.2038
Base	3	40	DStlS14	Combination	Max	3.263	-4.6177	143.6501	-17.7901	5.9594	-0.2123
Base	3	40	DStlS14	Combination	Min	3.263	-4.6177	143.6501	-17.7901	5.9594	-0.2123
Base	3	40	DStlS15	Combination	Max	-0.2479	-5.4651	143.6121	-14.0789	-0.4028	-0.1993
Base	3	40	DStlS15	Combination	Min	-0.2479	-5.4651	143.6121	-14.0789	-0.4028	-0.1993

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	3	40	DStIS16	Combination	Max	-0.2143	-3.7766	143.6193	-21.4728	-0.3333	-0.2168
Base	3	40	DStIS16	Combination	Min	-0.2143	-3.7766	143.6193	-21.4728	-0.3333	-0.2168
Base	3	40	DStIS17	Combination	Max	-3.6591	-3.3038	102.5484	-12.6828	-6.5903	-0.1443
Base	3	40	DStIS17	Combination	Min	-3.6591	-3.3038	102.5484	-12.6828	-6.5903	-0.1443
Base	3	40	DStIS18	Combination	Max	3.329	-3.2974	102.617	-12.7112	6.0645	-0.1529
Base	3	40	DStIS18	Combination	Min	3.329	-3.2974	102.617	-12.7112	6.0645	-0.1529
Base	3	40	DStIS19	Combination	Max	-0.1818	-4.1449	102.5791	-9	-0.2977	-0.1399
Base	3	40	DStIS19	Combination	Min	-0.1818	-4.1449	102.5791	-9	-0.2977	-0.1399
Base	3	40	DStIS20	Combination	Max	-0.1483	-2.4564	102.5863	-16.394	-0.2282	-0.1573
Base	3	40	DStIS20	Combination	Min	-0.1483	-2.4564	102.5863	-16.394	-0.2282	-0.1573
Base	3	40	DStID1	Combination		-0.1651	-3.3006	102.5827	-12.697	-0.2629	-0.1486
Base	3	40	DStID2	Combination		-0.2486	-4.5091	131.9391	-26.4771	-0.3827	-0.2066
Base	3	40	DConS1	Combination		-0.2311	-4.6209	143.6157	-17.7759	-0.3681	-0.208
Base	3	40	DConS2	Combination		-0.3648	-6.5544	190.5861	-39.824	-0.5598	-0.3009
Base	3	40	DConS3	Combination		-0.2664	-4.7874	158.3364	-35.378	-0.4025	-0.2472
Base	3	40	DConS4	Combination		-0.3303	-6.0344	158.3175	-28.1671	-0.5161	-0.2487
Base	3	40	DConS5	Combination		-0.1938	-3.8935	143.6267	-21.9822	-0.3018	-0.2072
Base	3	40	DConS6	Combination		-0.2684	-5.3483	143.6047	-13.5695	-0.4344	-0.2089
Base	3	40	DConS7	Combination		-0.1277	-2.5732	102.5937	-16.9033	-0.1966	-0.1477
Base	3	40	DConS8	Combination		-0.2024	-4.028	102.5717	-8.4907	-0.3292	-0.1495
Base	3	40	DConS9	Combination	Max	-3.2933	-5.4136	158.2975	-31.7604	-5.8828	-0.2443
Base	3	40	DConS9	Combination	Min	-3.2933	-5.4136	158.2975	-31.7604	-5.8828	-0.2443
Base	3	40	DConS10	Combination	Max	2.6965	-5.4081	158.3564	-31.7847	4.9642	-0.2516
Base	3	40	DConS10	Combination	Min	2.6965	-5.4081	158.3564	-31.7847	4.9642	-0.2516
Base	3	40	DConS11	Combination	Max	-0.3128	-6.1345	158.3239	-28.6037	-0.4891	-0.2405
Base	3	40	DConS11	Combination	Min	-0.3128	-6.1345	158.3239	-28.6037	-0.4891	-0.2405
Base	3	40	DConS12	Combination	Max	-0.284	-4.6872	158.33	-34.9414	-0.4295	-0.2554

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	3	40	DConS12	Combination	Min	-0.284	-4.6872	158.33	-34.9414	-0.4295	-0.2554
Base	3	40	DConS13	Combination	Max	-3.7251	-4.6241	143.5814	-17.7617	-6.6955	-0.2038
Base	3	40	DConS13	Combination	Min	-3.7251	-4.6241	143.5814	-17.7617	-6.6955	-0.2038
Base	3	40	DConS14	Combination	Max	3.263	-4.6177	143.6501	-17.7901	5.9594	-0.2123
Base	3	40	DConS14	Combination	Min	3.263	-4.6177	143.6501	-17.7901	5.9594	-0.2123
Base	3	40	DConS15	Combination	Max	-0.2479	-5.4651	143.6121	-14.0789	-0.4028	-0.1993
Base	3	40	DConS15	Combination	Min	-0.2479	-5.4651	143.6121	-14.0789	-0.4028	-0.1993
Base	3	40	DConS16	Combination	Max	-0.2143	-3.7766	143.6193	-21.4728	-0.3333	-0.2168
Base	3	40	DConS16	Combination	Min	-0.2143	-3.7766	143.6193	-21.4728	-0.3333	-0.2168
Base	3	40	DConS17	Combination	Max	-3.6591	-3.3038	102.5484	-12.6828	-6.5903	-0.1443
Base	3	40	DConS17	Combination	Min	-3.6591	-3.3038	102.5484	-12.6828	-6.5903	-0.1443
Base	3	40	DConS18	Combination	Max	3.329	-3.2974	102.617	-12.7112	6.0645	-0.1529
Base	3	40	DConS18	Combination	Min	3.329	-3.2974	102.617	-12.7112	6.0645	-0.1529
Base	3	40	DConS19	Combination	Max	-0.1818	-4.1449	102.5791	-9	-0.2977	-0.1399
Base	3	40	DConS19	Combination	Min	-0.1818	-4.1449	102.5791	-9	-0.2977	-0.1399
Base	3	40	DConS20	Combination	Max	-0.1483	-2.4564	102.5863	-16.394	-0.2282	-0.1573
Base	3	40	DConS20	Combination	Min	-0.1483	-2.4564	102.5863	-16.394	-0.2282	-0.1573
Base	3	40	DCmpD1	Combination		-0.1651	-3.3006	102.5827	-12.697	-0.2629	-0.1486
Base	3	40	DCmpD2	Combination		-0.2486	-4.5091	131.9391	-26.4771	-0.3827	-0.2066
Base	3	40	DCmpS1	Combination		-0.2311	-4.6209	143.6157	-17.7759	-0.3681	-0.208
Base	3	40	DCmpS2	Combination		-0.3648	-6.5544	190.5861	-39.824	-0.5598	-0.3009
Base	3	40	DCmpC1	Combination		-0.2311	-4.6209	143.6157	-17.7759	-0.3681	-0.208
Base	4	50	Dead	LinStatic		-0.1611	-3.5291	102.8415	-12.1212	-0.268	0.0067
Base	4	50	Live	LinStatic		-0.0502	-1.3055	29.3568	-13.5581	-0.0861	0.001
Base	4	50	WIND	LinStatic		0.0151	0.5449	0.0083	-3.0218	0.0383	-0.0078
Base	4	50	EQX	LinStatic	Max	-2.5075	0.003	0.0027	-0.0119	-4.5442	0.003
Base	4	50	EQX	LinStatic	Min	-2.5075	0.003	0.0027	-0.0119	-4.5442	0.003
Base	4	50	EQY	LinStatic	Max	-0.0077	-0.6241	-0.0023	2.6516	-0.022	-0.002
Base	4	50	EQY	LinStatic	Min	-0.0077	-0.6241	-0.0023	2.6516	-0.022	-0.002
Base	4	50	DSlps1	Combination		-0.2256	-4.9407	143.9781	-16.9697	-0.3752	0.0094

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	4	50	DSlbS2	Combination		-0.3059	-7.0294	190.9489	-38.6626	-0.513	0.0111
Base	4	50	DSlbS3	Combination		-0.2355	-5.1476	158.6478	-34.4413	-0.379	-2.537E-05
Base	4	50	DSlbS4	Combination		-0.2717	-6.4553	158.628	-27.1889	-0.4709	0.0187
Base	4	50	DSlbS5	Combination		-0.2044	-4.1778	143.9896	-21.2002	-0.3217	-0.0015
Base	4	50	DSlbS6	Combination		-0.2467	-5.7035	143.9665	-12.7391	-0.4288	0.0203
Base	4	50	DSlbS7	Combination		-0.14	-2.7662	102.853	-16.3517	-0.2145	-0.0042
Base	4	50	DSlbS8	Combination		-0.1822	-4.2919	102.8299	-7.8907	-0.3216	0.0176
Base	4	50	DStlS1	Combination		-0.2256	-4.9407	143.9781	-16.9697	-0.3752	0.0094
Base	4	50	DStlS2	Combination		-0.3059	-7.0294	190.9489	-38.6626	-0.513	0.0111
Base	4	50	DStlS3	Combination		-0.2355	-5.1476	158.6478	-34.4413	-0.379	-2.537E-05
Base	4	50	DStlS4	Combination		-0.2717	-6.4553	158.628	-27.1889	-0.4709	0.0187
Base	4	50	DStlS5	Combination		-0.2044	-4.1778	143.9896	-21.2002	-0.3217	-0.0015
Base	4	50	DStlS6	Combination		-0.2467	-5.7035	143.9665	-12.7391	-0.4288	0.0203
Base	4	50	DStlS7	Combination		-0.14	-2.7662	102.853	-16.3517	-0.2145	-0.0042
Base	4	50	DStlS8	Combination		-0.1822	-4.2919	102.8299	-7.8907	-0.3216	0.0176
Base	4	50	DStlS9	Combination	Max	-3.2626	-5.7979	158.6412	-30.8294	-5.878	0.0129
Base	4	50	DStlS9	Combination	Min	-3.2626	-5.7979	158.6412	-30.8294	-5.878	0.0129
Base	4	50	DStlS10	Combination	Max	2.7554	-5.805	158.6346	-30.8008	5.0281	0.0057
Base	4	50	DStlS10	Combination	Min	2.7554	-5.805	158.6346	-30.8008	5.0281	0.0057
Base	4	50	DStlS11	Combination	Max	-0.2629	-6.5504	158.6351	-27.6331	-0.4514	0.007
Base	4	50	DStlS11	Combination	Min	-0.2629	-6.5504	158.6351	-27.6331	-0.4514	0.007
Base	4	50	DStlS12	Combination	Max	-0.2443	-5.0525	158.6407	-33.9971	-0.3985	0.0117
Base	4	50	DStlS12	Combination	Min	-0.2443	-5.0525	158.6407	-33.9971	-0.3985	0.0117
Base	4	50	DStlS13	Combination	Max	-3.7361	-4.9365	143.9819	-16.9863	-6.7371	0.0136
Base	4	50	DStlS13	Combination	Min	-3.7361	-4.9365	143.9819	-16.9863	-6.7371	0.0136
Base	4	50	DStlS14	Combination	Max	3.2849	-4.9448	143.9742	-16.953	5.9866	0.0052
Base	4	50	DStlS14	Combination	Min	3.2849	-4.9448	143.9742	-16.953	5.9866	0.0052

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	4	50	DStIS15	Combination	Max	-0.2364	-5.8144	143.9748	-13.2574	-0.4061	0.0067
Base	4	50	DStIS15	Combination	Min	-0.2364	-5.8144	143.9748	-13.2574	-0.4061	0.0067
Base	4	50	DStIS16	Combination	Max	-0.2147	-4.0669	143.9813	-20.682	-0.3444	0.0121
Base	4	50	DStIS16	Combination	Min	-0.2147	-4.0669	143.9813	-20.682	-0.3444	0.0121
Base	4	50	DStIS17	Combination	Max	-3.6716	-3.5249	102.8453	-12.1379	-6.6299	0.0109
Base	4	50	DStIS17	Combination	Min	-3.6716	-3.5249	102.8453	-12.1379	-6.6299	0.0109
Base	4	50	DStIS18	Combination	Max	3.3494	-3.5332	102.8376	-12.1045	6.0939	0.0025
Base	4	50	DStIS18	Combination	Min	3.3494	-3.5332	102.8376	-12.1045	6.0939	0.0025
Base	4	50	DStIS19	Combination	Max	-0.172	-4.4028	102.8382	-8.4089	-0.2989	0.004
Base	4	50	DStIS19	Combination	Min	-0.172	-4.4028	102.8382	-8.4089	-0.2989	0.004
Base	4	50	DStIS20	Combination	Max	-0.1503	-2.6553	102.8447	-15.8335	-0.2372	0.0094
Base	4	50	DStIS20	Combination	Min	-0.1503	-2.6553	102.8447	-15.8335	-0.2372	0.0094
Base	4	50	DStID1	Combination		-0.1611	-3.5291	102.8415	-12.1212	-0.268	0.0067
Base	4	50	DStID2	Combination		-0.2114	-4.8345	132.1982	-25.6792	-0.3541	0.0078
Base	4	50	DConS1	Combination		-0.2256	-4.9407	143.9781	-16.9697	-0.3752	0.0094
Base	4	50	DConS2	Combination		-0.3059	-7.0294	190.9489	-38.6626	-0.513	0.0111
Base	4	50	DConS3	Combination		-0.2355	-5.1476	158.6478	-34.4413	-0.379	-2.537E-05
Base	4	50	DConS4	Combination		-0.2717	-6.4553	158.628	-27.1889	-0.4709	0.0187
Base	4	50	DConS5	Combination		-0.2044	-4.1778	143.9896	-21.2002	-0.3217	-0.0015
Base	4	50	DConS6	Combination		-0.2467	-5.7035	143.9665	-12.7391	-0.4288	0.0203
Base	4	50	DConS7	Combination		-0.14	-2.7662	102.853	-16.3517	-0.2145	-0.0042
Base	4	50	DConS8	Combination		-0.1822	-4.2919	102.8299	-7.8907	-0.3216	0.0176
Base	4	50	DConS9	Combination	Max	-3.2626	-5.7979	158.6412	-30.8294	-5.878	0.0129
Base	4	50	DConS9	Combination	Min	-3.2626	-5.7979	158.6412	-30.8294	-5.878	0.0129
Base	4	50	DConS10	Combination	Max	2.7554	-5.805	158.6346	-30.8008	5.0281	0.0057
Base	4	50	DConS10	Combination	Min	2.7554	-5.805	158.6346	-30.8008	5.0281	0.0057

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	4	50	DConS11	Combination	Max	-0.2629	-6.5504	158.6351	-27.6331	-0.4514	0.007
Base	4	50	DConS11	Combination	Min	-0.2629	-6.5504	158.6351	-27.6331	-0.4514	0.007
Base	4	50	DConS12	Combination	Max	-0.2443	-5.0525	158.6407	-33.9971	-0.3985	0.0117
Base	4	50	DConS12	Combination	Min	-0.2443	-5.0525	158.6407	-33.9971	-0.3985	0.0117
Base	4	50	DConS13	Combination	Max	-3.7361	-4.9365	143.9819	-16.9863	-6.7371	0.0136
Base	4	50	DConS13	Combination	Min	-3.7361	-4.9365	143.9819	-16.9863	-6.7371	0.0136
Base	4	50	DConS14	Combination	Max	3.2849	-4.9448	143.9742	-16.953	5.9866	0.0052
Base	4	50	DConS14	Combination	Min	3.2849	-4.9448	143.9742	-16.953	5.9866	0.0052
Base	4	50	DConS15	Combination	Max	-0.2364	-5.8144	143.9748	-13.2574	-0.4061	0.0067
Base	4	50	DConS15	Combination	Min	-0.2364	-5.8144	143.9748	-13.2574	-0.4061	0.0067
Base	4	50	DConS16	Combination	Max	-0.2147	-4.0669	143.9813	-20.682	-0.3444	0.0121
Base	4	50	DConS16	Combination	Min	-0.2147	-4.0669	143.9813	-20.682	-0.3444	0.0121
Base	4	50	DConS17	Combination	Max	-3.6716	-3.5249	102.8453	-12.1379	-6.6299	0.0109
Base	4	50	DConS17	Combination	Min	-3.6716	-3.5249	102.8453	-12.1379	-6.6299	0.0109
Base	4	50	DConS18	Combination	Max	3.3494	-3.5332	102.8376	-12.1045	6.0939	0.0025
Base	4	50	DConS18	Combination	Min	3.3494	-3.5332	102.8376	-12.1045	6.0939	0.0025
Base	4	50	DConS19	Combination	Max	-0.172	-4.4028	102.8382	-8.4089	-0.2989	0.004
Base	4	50	DConS19	Combination	Min	-0.172	-4.4028	102.8382	-8.4089	-0.2989	0.004
Base	4	50	DConS20	Combination	Max	-0.1503	-2.6553	102.8447	-15.8335	-0.2372	0.0094
Base	4	50	DConS20	Combination	Min	-0.1503	-2.6553	102.8447	-15.8335	-0.2372	0.0094
Base	4	50	DCmpD1	Combination		-0.1611	-3.5291	102.8415	-12.1212	-0.268	0.0067
Base	4	50	DCmpD2	Combination		-0.2114	-4.8345	132.1982	-25.6792	-0.3541	0.0078
Base	4	50	DCmpS1	Combination		-0.2256	-4.9407	143.9781	-16.9697	-0.3752	0.0094
Base	4	50	DCmpS2	Combination		-0.3059	-7.0294	190.9489	-38.6626	-0.513	0.0111
Base	4	50	DCmpC1	Combination		-0.2256	-4.9407	143.9781	-16.9697	-0.3752	0.0094

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	5	60	Dead	LinStatic		-0.1663	-3.1258	102.5983	-13.1871	-0.3583	0.3029
Base	5	60	Live	LinStatic		-0.0161	-1.1133	29.3697	-13.9904	-0.0676	0.1228
Base	5	60	WIND	LinStatic		0.0011	0.4247	-0.0186	-2.6928	0.0502	-0.0973
Base	5	60	EQX	LinStatic	Max	-2.4941	-0.0356	0.0158	0.0774	-4.4834	-0.0124
Base	5	60	EQX	LinStatic	Min	-2.4941	-0.0356	0.0158	0.0774	-4.4834	-0.0124
Base	5	60	EQY	LinStatic	Max	-0.0018	-0.6266	0.0197	2.5604	-0.0382	0.0664
Base	5	60	EQY	LinStatic	Min	-0.0018	-0.6266	0.0197	2.5604	-0.0382	0.0664
Base	5	60	DSlS1	Combination		-0.2328	-4.3761	143.6377	-18.462	-0.5016	0.4241
Base	5	60	DSlS2	Combination		-0.2585	-6.1575	190.6292	-40.8466	-0.6098	0.6206
Base	5	60	DSlS3	Combination		-0.2175	-4.5773	158.3394	-35.8444	-0.4509	0.3941
Base	5	60	DSlS4	Combination		-0.2202	-5.5966	158.384	-29.3816	-0.5713	0.6277
Base	5	60	DSlS5	Combination		-0.2313	-3.7815	143.6117	-22.2319	-0.4314	0.2878
Base	5	60	DSlS6	Combination		-0.2343	-4.9707	143.6637	-14.692	-0.5718	0.5603
Base	5	60	DSlS7	Combination		-0.1647	-2.5312	102.5724	-16.9571	-0.288	0.1667
Base	5	60	DSlS8	Combination		-0.1678	-3.7204	102.6243	-9.4172	-0.4285	0.4391
Base	5	60	DStIS1	Combination		-0.2328	-4.3761	143.6377	-18.462	-0.5016	0.4241
Base	5	60	DStIS2	Combination		-0.2585	-6.1575	190.6292	-40.8466	-0.6098	0.6206
Base	5	60	DStIS3	Combination		-0.2175	-4.5773	158.3394	-35.8444	-0.4509	0.3941
Base	5	60	DStIS4	Combination		-0.2202	-5.5966	158.384	-29.3816	-0.5713	0.6277
Base	5	60	DStIS5	Combination		-0.2313	-3.7815	143.6117	-22.2319	-0.4314	0.2878
Base	5	60	DStIS6	Combination		-0.2343	-4.9707	143.6637	-14.692	-0.5718	0.5603
Base	5	60	DStIS7	Combination		-0.1647	-2.5312	102.5724	-16.9571	-0.288	0.1667
Base	5	60	DStIS8	Combination		-0.1678	-3.7204	102.6243	-9.4172	-0.4285	0.4391
Base	5	60	DStIS9	Combination	Max	-3.2118	-5.1297	158.3807	-32.5201	-5.8912	0.496
Base	5	60	DStIS9	Combination	Min	-3.2118	-5.1297	158.3807	-32.5201	-5.8912	0.496
Base	5	60	DStIS10	Combination	Max	2.7741	-5.0442	158.3427	-32.7059	4.869	0.5257
Base	5	60	DStIS10	Combination	Min	2.7741	-5.0442	158.3427	-32.7059	4.869	0.5257
Base	5	60	DStIS11	Combination	Max	-0.221	-5.8388	158.3854	-29.5406	-0.5569	0.5905
Base	5	60	DStIS11	Combination	Min	-0.221	-5.8388	158.3854	-29.5406	-0.5569	0.5905
Base	5	60	DStIS12	Combination	Max	-0.2167	-4.3351	158.338	-35.6854	-0.4653	0.4312

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	5	60	DStIS12	Combination	Min	-0.2167	-4.3351	158.338	-35.6854	-0.4653	0.4312
Base	5	60	DStIS13	Combination	Max	-3.7245	-4.426	143.6598	-18.3536	-6.7784	0.4067
Base	5	60	DStIS13	Combination	Min	-3.7245	-4.426	143.6598	-18.3536	-6.7784	0.4067
Base	5	60	DStIS14	Combination	Max	3.2589	-4.3263	143.6155	-18.5703	5.7752	0.4414
Base	5	60	DStIS14	Combination	Min	3.2589	-4.3263	143.6155	-18.5703	5.7752	0.4414
Base	5	60	DStIS15	Combination	Max	-0.2353	-5.2533	143.6653	-14.8775	-0.5551	0.517
Base	5	60	DStIS15	Combination	Min	-0.2353	-5.2533	143.6653	-14.8775	-0.5551	0.517
Base	5	60	DStIS16	Combination	Max	-0.2303	-3.4989	143.61	-22.0465	-0.4481	0.3311
Base	5	60	DStIS16	Combination	Min	-0.2303	-3.4989	143.61	-22.0465	-0.4481	0.3311
Base	5	60	DStIS17	Combination	Max	-3.658	-3.1757	102.6205	-13.0788	-6.6351	0.2856
Base	5	60	DStIS17	Combination	Min	-3.658	-3.1757	102.6205	-13.0788	-6.6351	0.2856
Base	5	60	DStIS18	Combination	Max	3.3255	-3.0759	102.5762	-13.2955	5.9185	0.3202
Base	5	60	DStIS18	Combination	Min	3.3255	-3.0759	102.5762	-13.2955	5.9185	0.3202
Base	5	60	DStIS19	Combination	Max	-0.1688	-4.003	102.626	-9.6026	-0.4118	0.3958
Base	5	60	DStIS19	Combination	Min	-0.1688	-4.003	102.626	-9.6026	-0.4118	0.3958
Base	5	60	DStIS20	Combination	Max	-0.1637	-2.2486	102.5707	-16.7716	-0.3048	0.21
Base	5	60	DStIS20	Combination	Min	-0.1637	-2.2486	102.5707	-16.7716	-0.3048	0.21
Base	5	60	DStID1	Combination		-0.1663	-3.1258	102.5983	-13.1871	-0.3583	0.3029
Base	5	60	DStID2	Combination		-0.1824	-4.2391	131.9681	-27.1775	-0.4259	0.4257
Base	5	60	DConS1	Combination		-0.2328	-4.3761	143.6377	-18.462	-0.5016	0.4241
Base	5	60	DConS2	Combination		-0.2585	-6.1575	190.6292	-40.8466	-0.6098	0.6206
Base	5	60	DConS3	Combination		-0.2175	-4.5773	158.3394	-35.8444	-0.4509	0.3941
Base	5	60	DConS4	Combination		-0.2202	-5.5966	158.384	-29.3816	-0.5713	0.6277
Base	5	60	DConS5	Combination		-0.2313	-3.7815	143.6117	-22.2319	-0.4314	0.2878
Base	5	60	DConS6	Combination		-0.2343	-4.9707	143.6637	-14.692	-0.5718	0.5603
Base	5	60	DConS7	Combination		-0.1647	-2.5312	102.5724	-16.9571	-0.288	0.1667
Base	5	60	DConS8	Combination		-0.1678	-3.7204	102.6243	-9.4172	-0.4285	0.4391
Base	5	60	DConS9	Combination	Max	-3.2118	-5.1297	158.3807	-32.5201	-5.8912	0.496

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	5	60	DConS9	Combination	Min	-3.2118	-5.1297	158.3807	-32.5201	-5.8912	0.496
Base	5	60	DConS10	Combination	Max	2.7741	-5.0442	158.3427	-32.7059	4.869	0.5257
Base	5	60	DConS10	Combination	Min	2.7741	-5.0442	158.3427	-32.7059	4.869	0.5257
Base	5	60	DConS11	Combination	Max	-0.221	-5.8388	158.3854	-29.5406	-0.5569	0.5905
Base	5	60	DConS11	Combination	Min	-0.221	-5.8388	158.3854	-29.5406	-0.5569	0.5905
Base	5	60	DConS12	Combination	Max	-0.2167	-4.3351	158.338	-35.6854	-0.4653	0.4312
Base	5	60	DConS12	Combination	Min	-0.2167	-4.3351	158.338	-35.6854	-0.4653	0.4312
Base	5	60	DConS13	Combination	Max	-3.7245	-4.426	143.6598	-18.3536	-6.7784	0.4067
Base	5	60	DConS13	Combination	Min	-3.7245	-4.426	143.6598	-18.3536	-6.7784	0.4067
Base	5	60	DConS14	Combination	Max	3.2589	-4.3263	143.6155	-18.5703	5.7752	0.4414
Base	5	60	DConS14	Combination	Min	3.2589	-4.3263	143.6155	-18.5703	5.7752	0.4414
Base	5	60	DConS15	Combination	Max	-0.2353	-5.2533	143.6653	-14.8775	-0.5551	0.517
Base	5	60	DConS15	Combination	Min	-0.2353	-5.2533	143.6653	-14.8775	-0.5551	0.517
Base	5	60	DConS16	Combination	Max	-0.2303	-3.4989	143.61	-22.0465	-0.4481	0.3311
Base	5	60	DConS16	Combination	Min	-0.2303	-3.4989	143.61	-22.0465	-0.4481	0.3311
Base	5	60	DConS17	Combination	Max	-3.658	-3.1757	102.6205	-13.0788	-6.6351	0.2856
Base	5	60	DConS17	Combination	Min	-3.658	-3.1757	102.6205	-13.0788	-6.6351	0.2856
Base	5	60	DConS18	Combination	Max	3.3255	-3.0759	102.5762	-13.2955	5.9185	0.3202
Base	5	60	DConS18	Combination	Min	3.3255	-3.0759	102.5762	-13.2955	5.9185	0.3202
Base	5	60	DConS19	Combination	Max	-0.1688	-4.003	102.626	-9.6026	-0.4118	0.3958
Base	5	60	DConS19	Combination	Min	-0.1688	-4.003	102.626	-9.6026	-0.4118	0.3958
Base	5	60	DConS20	Combination	Max	-0.1637	-2.2486	102.5707	-16.7716	-0.3048	0.21
Base	5	60	DConS20	Combination	Min	-0.1637	-2.2486	102.5707	-16.7716	-0.3048	0.21
Base	5	60	DCmpD1	Combination		-0.1663	-3.1258	102.5983	-13.1871	-0.3583	0.3029
Base	5	60	DCmpD2	Combination		-0.1824	-4.2391	131.9681	-27.1775	-0.4259	0.4257
Base	5	60	DCmpS1	Combination		-0.2328	-4.3761	143.6377	-18.462	-0.5016	0.4241
Base	5	60	DCmpS2	Combination		-0.2585	-6.1575	190.6292	-40.8466	-0.6098	0.6206
Base	5	60	DCmpC1	Combination		-0.2328	-4.3761	143.6377	-18.462	-0.5016	0.4241

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	6	59	Dead	LinStatic		0.6773	-3.0213	109.8978	-16.1793	0.4055	0.349
Base	6	59	Live	LinStatic		-0.0077	-0.6183	30.2267	-15.8078	-0.3477	0.1297
Base	6	59	WIND	LinStatic		-0.0133	1.1524	-2.1415	-1.9885	0.0241	0.0636
Base	6	59	EQX	LinStatic	Max	-2.5858	-0.0716	-0.136	0.0986	-4.7306	0.0534
Base	6	59	EQX	LinStatic	Min	-2.5858	-0.0716	-0.136	0.0986	-4.7306	0.0534
Base	6	59	EQY	LinStatic	Max	0.0064	-1.176	1.771	1.9161	-0.0172	-0.0429
Base	6	59	EQY	LinStatic	Min	0.0064	-1.176	1.771	1.9161	-0.0172	-0.0429
Base	6	59	DSlS1	Combination		0.9482	-4.2298	153.857	-22.651	0.5677	0.4886
Base	6	59	DSlS2	Combination		0.9358	-5.219	202.2197	-47.9435	0.0114	0.6961
Base	6	59	DSlS3	Combination		0.7875	-2.9846	165.5797	-40.7707	0.0983	0.6508
Base	6	59	DSlS4	Combination		0.8194	-5.7504	170.7192	-35.9984	0.0405	0.4982
Base	6	59	DSlS5	Combination		0.9296	-2.6164	150.8589	-25.4349	0.6014	0.5776
Base	6	59	DSlS6	Combination		0.9668	-5.8432	156.855	-19.8671	0.534	0.3996
Base	6	59	DSlS7	Combination		0.6587	-1.4079	106.8998	-18.9632	0.4392	0.438
Base	6	59	DSlS8	Combination		0.6959	-4.6347	112.8959	-13.3954	0.3718	0.26
Base	6	59	DStlS1	Combination		0.9482	-4.2298	153.857	-22.651	0.5677	0.4886
Base	6	59	DStlS2	Combination		0.9358	-5.219	202.2197	-47.9435	0.0114	0.6961
Base	6	59	DStlS3	Combination		0.7875	-2.9846	165.5797	-40.7707	0.0983	0.6508
Base	6	59	DStlS4	Combination		0.8194	-5.7504	170.7192	-35.9984	0.0405	0.4982
Base	6	59	DStlS5	Combination		0.9296	-2.6164	150.8589	-25.4349	0.6014	0.5776
Base	6	59	DStlS6	Combination		0.9668	-5.8432	156.855	-19.8671	0.534	0.3996
Base	6	59	DStlS7	Combination		0.6587	-1.4079	106.8998	-18.9632	0.4392	0.438
Base	6	59	DStlS8	Combination		0.6959	-4.6347	112.8959	-13.3954	0.3718	0.26
Base	6	59	DStlS9	Combination	Max	-2.2995	-4.4533	167.9863	-38.2663	-5.6073	0.6385
Base	6	59	DStlS9	Combination	Min	-2.2995	-4.4533	167.9863	-38.2663	-5.6073	0.6385
Base	6	59	DStlS10	Combination	Max	3.9064	-4.2816	168.3126	-38.5028	5.7461	0.5104
Base	6	59	DStlS10	Combination	Min	3.9064	-4.2816	168.3126	-38.5028	5.7461	0.5104
Base	6	59	DStlS11	Combination	Max	0.8112	-5.7786	170.2747	-36.0852	0.0488	0.523
Base	6	59	DStlS11	Combination	Min	0.8112	-5.7786	170.2747	-36.0852	0.0488	0.523
Base	6	59	DStlS12	Combination	Max	0.7957	-2.9563	166.0242	-40.6839	0.09	0.6259

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	6	59	DStIS12	Combination	Min	0.7957	-2.9563	166.0242	-40.6839	0.09	0.6259
Base	6	59	DStIS13	Combination	Max	-2.6719	-4.33	153.6666	-22.513	-6.0551	0.5633
Base	6	59	DStIS13	Combination	Min	-2.6719	-4.33	153.6666	-22.513	-6.0551	0.5633
Base	6	59	DStIS14	Combination	Max	4.5683	-4.1296	154.0473	-22.789	7.1906	0.4139
Base	6	59	DStIS14	Combination	Min	4.5683	-4.1296	154.0473	-22.789	7.1906	0.4139
Base	6	59	DStIS15	Combination	Max	0.9572	-5.8761	156.3364	-19.9684	0.5437	0.4286
Base	6	59	DStIS15	Combination	Min	0.9572	-5.8761	156.3364	-19.9684	0.5437	0.4286
Base	6	59	DStIS16	Combination	Max	0.9392	-2.5835	151.3775	-25.3336	0.5917	0.5486
Base	6	59	DStIS16	Combination	Min	0.9392	-2.5835	151.3775	-25.3336	0.5917	0.5486
Base	6	59	DStIS17	Combination	Max	-2.9428	-3.1215	109.7075	-16.0413	-6.2173	0.4237
Base	6	59	DStIS17	Combination	Min	-2.9428	-3.1215	109.7075	-16.0413	-6.2173	0.4237
Base	6	59	DStIS18	Combination	Max	4.2974	-2.9211	110.0882	-16.3173	7.0284	0.2743
Base	6	59	DStIS18	Combination	Min	4.2974	-2.9211	110.0882	-16.3173	7.0284	0.2743
Base	6	59	DStIS19	Combination	Max	0.6863	-4.6676	112.3773	-13.4967	0.3815	0.289
Base	6	59	DStIS19	Combination	Min	0.6863	-4.6676	112.3773	-13.4967	0.3815	0.289
Base	6	59	DStIS20	Combination	Max	0.6683	-1.3749	107.4184	-18.8619	0.4295	0.409
Base	6	59	DStIS20	Combination	Min	0.6683	-1.3749	107.4184	-18.8619	0.4295	0.409
Base	6	59	DStID1	Combination		0.6773	-3.0213	109.8978	-16.1793	0.4055	0.349
Base	6	59	DStID2	Combination		0.6696	-3.6396	140.1246	-31.9871	0.0578	0.4787
Base	6	59	DConS1	Combination		0.9482	-4.2298	153.857	-22.651	0.5677	0.4886
Base	6	59	DConS2	Combination		0.9358	-5.219	202.2197	-47.9435	0.0114	0.6961
Base	6	59	DConS3	Combination		0.7875	-2.9846	165.5797	-40.7707	0.0983	0.6508
Base	6	59	DConS4	Combination		0.8194	-5.7504	170.7192	-35.9984	0.0405	0.4982
Base	6	59	DConS5	Combination		0.9296	-2.6164	150.8589	-25.4349	0.6014	0.5776
Base	6	59	DConS6	Combination		0.9668	-5.8432	156.855	-19.8671	0.534	0.3996
Base	6	59	DConS7	Combination		0.6587	-1.4079	106.8998	-18.9632	0.4392	0.438

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	6	59	DConS8	Combination		0.6959	-4.6347	112.8959	-13.3954	0.3718	0.26
Base	6	59	DConS9	Combination	Max	-2.2995	-4.4533	167.9863	-38.2663	-5.6073	0.6385
Base	6	59	DConS9	Combination	Min	-2.2995	-4.4533	167.9863	-38.2663	-5.6073	0.6385
Base	6	59	DConS10	Combination	Max	3.9064	-4.2816	168.3126	-38.5028	5.7461	0.5104
Base	6	59	DConS10	Combination	Min	3.9064	-4.2816	168.3126	-38.5028	5.7461	0.5104
Base	6	59	DConS11	Combination	Max	0.8112	-5.7786	170.2747	-36.0852	0.0488	0.523
Base	6	59	DConS11	Combination	Min	0.8112	-5.7786	170.2747	-36.0852	0.0488	0.523
Base	6	59	DConS12	Combination	Max	0.7957	-2.9563	166.0242	-40.6839	0.09	0.6259
Base	6	59	DConS12	Combination	Min	0.7957	-2.9563	166.0242	-40.6839	0.09	0.6259
Base	6	59	DConS13	Combination	Max	-2.6719	-4.33	153.6666	-22.513	-6.0551	0.5633
Base	6	59	DConS13	Combination	Min	-2.6719	-4.33	153.6666	-22.513	-6.0551	0.5633
Base	6	59	DConS14	Combination	Max	4.5683	-4.1296	154.0473	-22.789	7.1906	0.4139
Base	6	59	DConS14	Combination	Min	4.5683	-4.1296	154.0473	-22.789	7.1906	0.4139
Base	6	59	DConS15	Combination	Max	0.9572	-5.8761	156.3364	-19.9684	0.5437	0.4286
Base	6	59	DConS15	Combination	Min	0.9572	-5.8761	156.3364	-19.9684	0.5437	0.4286
Base	6	59	DConS16	Combination	Max	0.9392	-2.5835	151.3775	-25.3336	0.5917	0.5486
Base	6	59	DConS16	Combination	Min	0.9392	-2.5835	151.3775	-25.3336	0.5917	0.5486
Base	6	59	DConS17	Combination	Max	-2.9428	-3.1215	109.7075	-16.0413	-6.2173	0.4237
Base	6	59	DConS17	Combination	Min	-2.9428	-3.1215	109.7075	-16.0413	-6.2173	0.4237
Base	6	59	DConS18	Combination	Max	4.2974	-2.9211	110.0882	-16.3173	7.0284	0.2743
Base	6	59	DConS18	Combination	Min	4.2974	-2.9211	110.0882	-16.3173	7.0284	0.2743
Base	6	59	DConS19	Combination	Max	0.6863	-4.6676	112.3773	-13.4967	0.3815	0.289
Base	6	59	DConS19	Combination	Min	0.6863	-4.6676	112.3773	-13.4967	0.3815	0.289
Base	6	59	DConS20	Combination	Max	0.6683	-1.3749	107.4184	-18.8619	0.4295	0.409
Base	6	59	DConS20	Combination	Min	0.6683	-1.3749	107.4184	-18.8619	0.4295	0.409

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	6	59	DCmpD1	Combination		0.6773	-3.0213	109.8978	-16.1793	0.4055	0.349
Base	6	59	DCmpD2	Combination		0.6696	-3.6396	140.1246	-31.9871	0.0578	0.4787
Base	6	59	DCmpS1	Combination		0.9482	-4.2298	153.857	-22.651	0.5677	0.4886
Base	6	59	DCmpS2	Combination		0.9358	-5.219	202.2197	-47.9435	0.0114	0.6961
Base	6	59	DCmpC1	Combination		0.9482	-4.2298	153.857	-22.651	0.5677	0.4886
Base	7	39	Dead	LinStatic		-0.0659	0.3458	176.9706	-0.0299	-29.8547	-0.041
Base	7	39	Live	LinStatic		-0.1391	0.0027	30.217	0.4394	-23.1762	0.0067
Base	7	39	WIND	LinStatic		-0.0454	4.881	2.1381	-8.6186	-0.0707	0.0201
Base	7	39	EQX	LinStatic	Max	-0.7854	-0.0318	-0.0127	0.0556	-2.9829	-0.0891
Base	7	39	EQX	LinStatic	Min	-0.7854	-0.0318	-0.0127	0.0556	-2.9829	-0.0891
Base	7	39	EQY	LinStatic	Max	0.0371	-3.8565	-1.3785	6.7816	0.0637	-0.0107
Base	7	39	EQY	LinStatic	Min	0.0371	-3.8565	-1.3785	6.7816	0.0637	-0.0107
Base	7	39	DSlbS1	Combination		-0.0923	0.4842	247.7588	-0.0419	-41.7965	-0.0573
Base	7	39	DSlbS2	Combination		-0.3149	0.4884	296.106	0.6611	-78.8785	-0.0466
Base	7	39	DSlbS3	Combination		-0.3005	6.2754	251.1908	-9.851	-63.7219	-0.017
Base	7	39	DSlbS4	Combination		-0.1916	-5.439	246.0593	10.8337	-63.5522	-0.0652
Base	7	39	DSlbS5	Combination		-0.1558	7.3175	250.7522	-12.108	-41.8955	-0.0292
Base	7	39	DSlbS6	Combination		-0.0288	-6.3492	244.7654	12.0241	-41.6975	-0.0855
Base	7	39	DSlbS7	Combination		-0.1294	7.1792	179.9639	-12.096	-29.9537	-0.0128
Base	7	39	DSlbS8	Combination		-0.0024	-6.4875	173.9772	12.0361	-29.7557	-0.0691
Base	7	39	DStlS1	Combination		-0.0923	0.4842	247.7588	-0.0419	-41.7965	-0.0573
Base	7	39	DStlS2	Combination		-0.3149	0.4884	296.106	0.6611	-78.8785	-0.0466
Base	7	39	DStlS3	Combination		-0.3005	6.2754	251.1908	-9.851	-63.7219	-0.017
Base	7	39	DStlS4	Combination		-0.1916	-5.439	246.0593	10.8337	-63.5522	-0.0652
Base	7	39	DStlS5	Combination		-0.1558	7.3175	250.7522	-12.108	-41.8955	-0.0292
Base	7	39	DStlS6	Combination		-0.0288	-6.3492	244.7654	12.0241	-41.6975	-0.0855
Base	7	39	DStlS7	Combination		-0.1294	7.1792	179.9639	-12.096	-29.9537	-0.0128
Base	7	39	DStlS8	Combination		-0.0024	-6.4875	173.9772	12.0361	-29.7557	-0.0691
Base	7	39	DStlS9	Combination	Max	-1.1885	0.38	248.6098	0.558	-67.2165	-0.148
Base	7	39	DStlS9	Combination	Min	-1.1885	0.38	248.6098	0.558	-67.2165	-0.148

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	7	39	DStIS10	Combination	Max	0.6964	0.4564	248.6403	0.4246	-60.0576	0.0658
Base	7	39	DStIS10	Combination	Min	0.6964	0.4564	248.6403	0.4246	-60.0576	0.0658
Base	7	39	DStIS11	Combination	Max	-0.2015	-4.2096	246.9709	8.6293	-63.5606	-0.0539
Base	7	39	DStIS11	Combination	Min	-0.2015	-4.2096	246.9709	8.6293	-63.5606	-0.0539
Base	7	39	DStIS12	Combination	Max	-0.2906	5.0459	250.2793	-7.6466	-63.7135	-0.0283
Base	7	39	DStIS12	Combination	Min	-0.2906	5.0459	250.2793	-7.6466	-63.7135	-0.0283
Base	7	39	DStIS13	Combination	Max	-1.1918	0.4396	247.741	0.0359	-45.9726	-0.1821
Base	7	39	DStIS13	Combination	Min	-1.1918	0.4396	247.741	0.0359	-45.9726	-0.1821
Base	7	39	DStIS14	Combination	Max	1.0073	0.5287	247.7766	-0.1197	-37.6205	0.0674
Base	7	39	DStIS14	Combination	Min	1.0073	0.5287	247.7766	-0.1197	-37.6205	0.0674
Base	7	39	DStIS15	Combination	Max	-0.0403	-4.9149	245.8289	9.4524	-41.7074	-0.0723
Base	7	39	DStIS15	Combination	Min	-0.0403	-4.9149	245.8289	9.4524	-41.7074	-0.0723
Base	7	39	DStIS16	Combination	Max	-0.1442	5.8832	249.6887	-9.5362	-41.8857	-0.0424
Base	7	39	DStIS16	Combination	Min	-0.1442	5.8832	249.6887	-9.5362	-41.8857	-0.0424
Base	7	39	DStIS17	Combination	Max	-1.1654	0.3013	176.9528	0.0479	-34.0307	-0.1657
Base	7	39	DStIS17	Combination	Min	-1.1654	0.3013	176.9528	0.0479	-34.0307	-0.1657
Base	7	39	DStIS18	Combination	Max	1.0336	0.3904	176.9883	-0.1078	-25.6786	0.0838
Base	7	39	DStIS18	Combination	Min	1.0336	0.3904	176.9883	-0.1078	-25.6786	0.0838
Base	7	39	DStIS19	Combination	Max	-0.0139	-5.0532	175.0407	9.4643	-29.7655	-0.0559
Base	7	39	DStIS19	Combination	Min	-0.0139	-5.0532	175.0407	9.4643	-29.7655	-0.0559
Base	7	39	DStIS20	Combination	Max	-0.1179	5.7449	178.9004	-9.5242	-29.9438	-0.026
Base	7	39	DStIS20	Combination	Min	-0.1179	5.7449	178.9004	-9.5242	-29.9438	-0.026
Base	7	39	DStID1	Combination		-0.0659	0.3458	176.9706	-0.0299	-29.8547	-0.041
Base	7	39	DStID2	Combination		-0.205	0.3485	207.1876	0.4094	-53.0309	-0.0343
Base	7	39	DConS1	Combination		-0.0923	0.4842	247.7588	-0.0419	-41.7965	-0.0573
Base	7	39	DConS2	Combination		-0.3149	0.4884	296.106	0.6611	-78.8785	-0.0466
Base	7	39	DConS3	Combination		-0.3005	6.2754	251.1908	-9.851	-63.7219	-0.017

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	7	39	DConS4	Combination		-0.1916	-5.439	246.0593	10.8337	-63.5522	-0.0652
Base	7	39	DConS5	Combination		-0.1558	7.3175	250.7522	-12.108	-41.8955	-0.0292
Base	7	39	DConS6	Combination		-0.0288	-6.3492	244.7654	12.0241	-41.6975	-0.0855
Base	7	39	DConS7	Combination		-0.1294	7.1792	179.9639	-12.096	-29.9537	-0.0128
Base	7	39	DConS8	Combination		-0.0024	-6.4875	173.9772	12.0361	-29.7557	-0.0691
Base	7	39	DConS9	Combination	Max	-1.1885	0.38	248.6098	0.558	-67.2165	-0.148
Base	7	39	DConS9	Combination	Min	-1.1885	0.38	248.6098	0.558	-67.2165	-0.148
Base	7	39	DConS10	Combination	Max	0.6964	0.4564	248.6403	0.4246	-60.0576	0.0658
Base	7	39	DConS10	Combination	Min	0.6964	0.4564	248.6403	0.4246	-60.0576	0.0658
Base	7	39	DConS11	Combination	Max	-0.2015	-4.2096	246.9709	8.6293	-63.5606	-0.0539
Base	7	39	DConS11	Combination	Min	-0.2015	-4.2096	246.9709	8.6293	-63.5606	-0.0539
Base	7	39	DConS12	Combination	Max	-0.2906	5.0459	250.2793	-7.6466	-63.7135	-0.0283
Base	7	39	DConS12	Combination	Min	-0.2906	5.0459	250.2793	-7.6466	-63.7135	-0.0283
Base	7	39	DConS13	Combination	Max	-1.1918	0.4396	247.741	0.0359	-45.9726	-0.1821
Base	7	39	DConS13	Combination	Min	-1.1918	0.4396	247.741	0.0359	-45.9726	-0.1821
Base	7	39	DConS14	Combination	Max	1.0073	0.5287	247.7766	-0.1197	-37.6205	0.0674
Base	7	39	DConS14	Combination	Min	1.0073	0.5287	247.7766	-0.1197	-37.6205	0.0674
Base	7	39	DConS15	Combination	Max	-0.0403	-4.9149	245.8289	9.4524	-41.7074	-0.0723
Base	7	39	DConS15	Combination	Min	-0.0403	-4.9149	245.8289	9.4524	-41.7074	-0.0723
Base	7	39	DConS16	Combination	Max	-0.1442	5.8832	249.6887	-9.5362	-41.8857	-0.0424
Base	7	39	DConS16	Combination	Min	-0.1442	5.8832	249.6887	-9.5362	-41.8857	-0.0424
Base	7	39	DConS17	Combination	Max	-1.1654	0.3013	176.9528	0.0479	-34.0307	-0.1657
Base	7	39	DConS17	Combination	Min	-1.1654	0.3013	176.9528	0.0479	-34.0307	-0.1657
Base	7	39	DConS18	Combination	Max	1.0336	0.3904	176.9883	-0.1078	-25.6786	0.0838
Base	7	39	DConS18	Combination	Min	1.0336	0.3904	176.9883	-0.1078	-25.6786	0.0838
Base	7	39	DConS19	Combination	Max	-0.0139	-5.0532	175.0407	9.4643	-29.7655	-0.0559

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	7	39	DConS19	Combination	Min	-0.0139	-5.0532	175.0407	9.4643	-29.7655	-0.0559
Base	7	39	DConS20	Combination	Max	-0.1179	5.7449	178.9004	-9.5242	-29.9438	-0.026
Base	7	39	DConS20	Combination	Min	-0.1179	5.7449	178.9004	-9.5242	-29.9438	-0.026
Base	7	39	DCmpD1	Combination		-0.0659	0.3458	176.9706	-0.0299	-29.8547	-0.041
Base	7	39	DCmpD2	Combination		-0.205	0.3485	207.1876	0.4094	-53.0309	-0.0343
Base	7	39	DCmpS1	Combination		-0.0923	0.4842	247.7588	-0.0419	-41.7965	-0.0573
Base	7	39	DCmpS2	Combination		-0.3149	0.4884	296.106	0.6611	-78.8785	-0.0466
Base	7	39	DCmpC1	Combination		-0.0923	0.4842	247.7588	-0.0419	-41.7965	-0.0573
Base	8	44	Dead	LinStatic		-0.0362	-0.1886	176.9336	-0.2448	-29.7848	0.0651
Base	8	44	Live	LinStatic		-0.1308	0.0433	30.2094	-0.5195	-23.1562	0.0005
Base	8	44	WIND	LinStatic		0.08	4.8737	-2.1412	-8.6101	0.1281	0.0165
Base	8	44	EQX	LinStatic	Max	-0.8087	-0.0301	0.0097	0.0539	-2.9798	0.0973
Base	8	44	EQX	LinStatic	Min	-0.8087	-0.0301	0.0097	0.0539	-2.9798	0.0973
Base	8	44	EQY	LinStatic	Max	-0.028	-3.8573	1.372	6.7826	-0.0389	-0.0075
Base	8	44	EQY	LinStatic	Min	-0.028	-3.8573	1.372	6.7826	-0.0389	-0.0075
Base	8	44	DSlbS1	Combination		-0.0507	-0.2641	247.707	-0.3428	-41.6988	0.0911
Base	8	44	DSlbS2	Combination		-0.26	-0.1948	296.0421	-1.1739	-78.7486	0.0918
Base	8	44	DSlbS3	Combination		-0.1045	5.674	246.0022	-11.2493	-63.3754	0.0984
Base	8	44	DSlbS4	Combination		-0.2964	-6.0228	251.1411	9.415	-63.6829	0.0589
Base	8	44	DSlbS5	Combination		0.0612	6.5591	244.7093	-12.3969	-41.5194	0.1142
Base	8	44	DSlbS6	Combination		-0.1627	-7.0872	250.7047	11.7114	-41.8781	0.068
Base	8	44	DSlbS7	Combination		0.0757	6.6345	173.9359	-12.299	-29.6054	0.0882
Base	8	44	DSlbS8	Combination		-0.1482	-7.0117	179.9313	11.8093	-29.9642	0.042
Base	8	44	DStlS1	Combination		-0.0507	-0.2641	247.707	-0.3428	-41.6988	0.0911
Base	8	44	DStlS2	Combination		-0.26	-0.1948	296.0421	-1.1739	-78.7486	0.0918
Base	8	44	DStlS3	Combination		-0.1045	5.674	246.0022	-11.2493	-63.3754	0.0984
Base	8	44	DStlS4	Combination		-0.2964	-6.0228	251.1411	9.415	-63.6829	0.0589
Base	8	44	DStlS5	Combination		0.0612	6.5591	244.7093	-12.3969	-41.5194	0.1142
Base	8	44	DStlS6	Combination		-0.1627	-7.0872	250.7047	11.7114	-41.8781	0.068
Base	8	44	DStlS7	Combination		0.0757	6.6345	173.9359	-12.299	-29.6054	0.0882

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	8	44	DStIS8	Combination		-0.1482	-7.0117	179.9313	11.8093	-29.9642	0.042
Base	8	44	DStIS9	Combination	Max	-1.1709	-0.2106	248.5832	-0.8525	-67.105	0.1954
Base	8	44	DStIS9	Combination	Min	-1.1709	-0.2106	248.5832	-0.8525	-67.105	0.1954
Base	8	44	DStIS10	Combination	Max	0.77	-0.1382	248.56	-0.9818	-59.9534	-0.0381
Base	8	44	DStIS10	Combination	Min	0.77	-0.1382	248.56	-0.9818	-59.9534	-0.0381
Base	8	44	DStIS11	Combination	Max	-0.234	-4.8032	250.218	7.222	-63.5759	0.0696
Base	8	44	DStIS11	Combination	Min	-0.234	-4.8032	250.218	7.222	-63.5759	0.0696
Base	8	44	DStIS12	Combination	Max	-0.1669	4.4544	246.9253	-9.0563	-63.4825	0.0877
Base	8	44	DStIS12	Combination	Min	-0.1669	4.4544	246.9253	-9.0563	-63.4825	0.0877
Base	8	44	DStIS13	Combination	Max	-1.1829	-0.3063	247.7206	-0.2674	-45.8705	0.2273
Base	8	44	DStIS13	Combination	Min	-1.1829	-0.3063	247.7206	-0.2674	-45.8705	0.2273
Base	8	44	DStIS14	Combination	Max	1.0815	-0.2219	247.6935	-0.4182	-37.527	-0.045
Base	8	44	DStIS14	Combination	Min	1.0815	-0.2219	247.6935	-0.4182	-37.527	-0.045
Base	8	44	DStIS15	Combination	Max	-0.0899	-5.6643	249.6278	9.1529	-41.7533	0.0806
Base	8	44	DStIS15	Combination	Min	-0.0899	-5.6643	249.6278	9.1529	-41.7533	0.0806
Base	8	44	DStIS16	Combination	Max	-0.0115	5.1362	245.7863	-9.8384	-41.6442	0.1017
Base	8	44	DStIS16	Combination	Min	-0.0115	5.1362	245.7863	-9.8384	-41.6442	0.1017
Base	8	44	DStIS17	Combination	Max	-1.1684	-0.2308	176.9471	-0.1694	-33.9566	0.2012
Base	8	44	DStIS17	Combination	Min	-1.1684	-0.2308	176.9471	-0.1694	-33.9566	0.2012
Base	8	44	DStIS18	Combination	Max	1.096	-0.1464	176.9201	-0.3202	-25.6131	-0.0711
Base	8	44	DStIS18	Combination	Min	1.096	-0.1464	176.9201	-0.3202	-25.6131	-0.0711
Base	8	44	DStIS19	Combination	Max	-0.0754	-5.5888	178.8543	9.2508	-29.8393	0.0545
Base	8	44	DStIS19	Combination	Min	-0.0754	-5.5888	178.8543	9.2508	-29.8393	0.0545
Base	8	44	DStIS20	Combination	Max	0.003	5.2116	175.0129	-9.7405	-29.7303	0.0756
Base	8	44	DStIS20	Combination	Min	0.003	5.2116	175.0129	-9.7405	-29.7303	0.0756
Base	8	44	DStID1	Combination		-0.0362	-0.1886	176.9336	-0.2448	-29.7848	0.0651
Base	8	44	DStID2	Combination		-0.167	-0.1453	207.143	-0.7643	-52.941	0.0655
Base	8	44	DConS1	Combination		-0.0507	-0.2641	247.707	-0.3428	-41.6988	0.0911

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	8	44	DConS2	Combination		-0.26	-0.1948	296.0421	-1.1739	-78.7486	0.0918
Base	8	44	DConS3	Combination		-0.1045	5.674	246.0022	-11.2493	-63.3754	0.0984
Base	8	44	DConS4	Combination		-0.2964	-6.0228	251.1411	9.415	-63.6829	0.0589
Base	8	44	DConS5	Combination		0.0612	6.5591	244.7093	-12.3969	-41.5194	0.1142
Base	8	44	DConS6	Combination		-0.1627	-7.0872	250.7047	11.7114	-41.8781	0.068
Base	8	44	DConS7	Combination		0.0757	6.6345	173.9359	-12.299	-29.6054	0.0882
Base	8	44	DConS8	Combination		-0.1482	-7.0117	179.9313	11.8093	-29.9642	0.042
Base	8	44	DConS9	Combination	Max	-1.1709	-0.2106	248.5832	-0.8525	-67.105	0.1954
Base	8	44	DConS9	Combination	Min	-1.1709	-0.2106	248.5832	-0.8525	-67.105	0.1954
Base	8	44	DConS10	Combination	Max	0.77	-0.1382	248.56	-0.9818	-59.9534	-0.0381
Base	8	44	DConS10	Combination	Min	0.77	-0.1382	248.56	-0.9818	-59.9534	-0.0381
Base	8	44	DConS11	Combination	Max	-0.234	-4.8032	250.218	7.222	-63.5759	0.0696
Base	8	44	DConS11	Combination	Min	-0.234	-4.8032	250.218	7.222	-63.5759	0.0696
Base	8	44	DConS12	Combination	Max	-0.1669	4.4544	246.9253	-9.0563	-63.4825	0.0877
Base	8	44	DConS12	Combination	Min	-0.1669	4.4544	246.9253	-9.0563	-63.4825	0.0877
Base	8	44	DConS13	Combination	Max	-1.1829	-0.3063	247.7206	-0.2674	-45.8705	0.2273
Base	8	44	DConS13	Combination	Min	-1.1829	-0.3063	247.7206	-0.2674	-45.8705	0.2273
Base	8	44	DConS14	Combination	Max	1.0815	-0.2219	247.6935	-0.4182	-37.527	-0.045
Base	8	44	DConS14	Combination	Min	1.0815	-0.2219	247.6935	-0.4182	-37.527	-0.045
Base	8	44	DConS15	Combination	Max	-0.0899	-5.6643	249.6278	9.1529	-41.7533	0.0806
Base	8	44	DConS15	Combination	Min	-0.0899	-5.6643	249.6278	9.1529	-41.7533	0.0806
Base	8	44	DConS16	Combination	Max	-0.0115	5.1362	245.7863	-9.8384	-41.6442	0.1017
Base	8	44	DConS16	Combination	Min	-0.0115	5.1362	245.7863	-9.8384	-41.6442	0.1017
Base	8	44	DConS17	Combination	Max	-1.1684	-0.2308	176.9471	-0.1694	-33.9566	0.2012
Base	8	44	DConS17	Combination	Min	-1.1684	-0.2308	176.9471	-0.1694	-33.9566	0.2012
Base	8	44	DConS18	Combination	Max	1.096	-0.1464	176.9201	-0.3202	-25.6131	-0.0711
Base	8	44	DConS18	Combination	Min	1.096	-0.1464	176.9201	-0.3202	-25.6131	-0.0711

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	8	44	DConS19	Combination	Max	-0.0754	-5.5888	178.8543	9.2508	-29.8393	0.0545
Base	8	44	DConS19	Combination	Min	-0.0754	-5.5888	178.8543	9.2508	-29.8393	0.0545
Base	8	44	DConS20	Combination	Max	0.003	5.2116	175.0129	-9.7405	-29.7303	0.0756
Base	8	44	DConS20	Combination	Min	0.003	5.2116	175.0129	-9.7405	-29.7303	0.0756
Base	8	44	DCmpD1	Combination		-0.0362	-0.1886	176.9336	-0.2448	-29.7848	0.0651
Base	8	44	DCmpD2	Combination		-0.167	-0.1453	207.143	-0.7643	-52.941	0.0655
Base	8	44	DCmpS1	Combination		-0.0507	-0.2641	247.707	-0.3428	-41.6988	0.0911
Base	8	44	DCmpS2	Combination		-0.26	-0.1948	296.0421	-1.1739	-78.7486	0.0918
Base	8	44	DCmpC1	Combination		-0.0507	-0.2641	247.707	-0.3428	-41.6988	0.0911
Base	9	45	Dead	LinStatic		4.7856	2.2561	72.1303	10.2719	-13.4482	0.4597
Base	9	45	Live	LinStatic		-0.1138	-0.2005	14.4655	7.6917	-10.2712	0.1482
Base	9	45	WIND	LinStatic		-0.0672	3.9333	1.9872	-7.6121	-0.1364	-0.1439
Base	9	45	EQX	LinStatic	Max	-1.9669	-0.0242	-0.8021	0.0477	-3.9609	0.0442
Base	9	45	EQX	LinStatic	Min	-1.9669	-0.0242	-0.8021	0.0477	-3.9609	0.0442
Base	9	45	EQY	LinStatic	Max	0.0585	-3.0572	-1.5555	5.9353	0.104	0.0645
Base	9	45	EQY	LinStatic	Min	0.0585	-3.0572	-1.5555	5.9353	0.104	0.0645
Base	9	45	DSlbS1	Combination		6.6999	3.1586	100.9824	14.3807	-18.8274	0.6436
Base	9	45	DSlbS2	Combination		6.5179	2.8378	124.1272	26.6874	-35.2614	0.8807
Base	9	45	DSlbS3	Combination		5.5256	7.1867	106.2996	12.4218	-28.6269	0.5568
Base	9	45	DSlbS4	Combination		5.6869	-2.2532	101.5303	30.6908	-28.2996	0.9022
Base	9	45	DSlbS5	Combination		6.6058	8.6652	103.7645	3.7238	-19.0183	0.4421
Base	9	45	DSlbS6	Combination		6.794	-2.3481	98.2003	25.0376	-18.6365	0.8451
Base	9	45	DSlbS7	Combination		4.6915	7.7628	74.9124	-0.385	-13.6391	0.2582
Base	9	45	DSlbS8	Combination		4.8798	-3.2505	69.3482	20.9289	-13.2573	0.6612
Base	9	45	DStlS1	Combination		6.6999	3.1586	100.9824	14.3807	-18.8274	0.6436
Base	9	45	DStlS2	Combination		6.5179	2.8378	124.1272	26.6874	-35.2614	0.8807
Base	9	45	DStlS3	Combination		5.5256	7.1867	106.2996	12.4218	-28.6269	0.5568
Base	9	45	DStlS4	Combination		5.6869	-2.2532	101.5303	30.6908	-28.2996	0.9022
Base	9	45	DStlS5	Combination		6.6058	8.6652	103.7645	3.7238	-19.0183	0.4421
Base	9	45	DStlS6	Combination		6.794	-2.3481	98.2003	25.0376	-18.6365	0.8451
Base	9	45	DStlS7	Combination		4.6915	7.7628	74.9124	-0.385	-13.6391	0.2582
Base	9	45	DStlS8	Combination		4.8798	-3.2505	69.3482	20.9289	-13.2573	0.6612
Base	9	45	DStlS9	Combination	Max	3.2459	2.4377	102.9525	21.6136	-33.2163	0.7825

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	9	45	DStIS9	Combination	Min	3.2459	2.4377	102.9525	21.6136	-33.2163	0.7825
Base	9	45	DStIS10	Combination	Max	7.9666	2.4958	104.8775	21.499	-23.7102	0.6765
Base	9	45	DStIS10	Combination	Min	7.9666	2.4958	104.8775	21.499	-23.7102	0.6765
Base	9	45	DStIS11	Combination	Max	5.6764	-1.2018	102.0484	28.6787	-28.3384	0.807
Base	9	45	DStIS11	Combination	Min	5.6764	-1.2018	102.0484	28.6787	-28.3384	0.807
Base	9	45	DStIS12	Combination	Max	5.5361	6.1354	105.7816	14.4339	-28.5881	0.652
Base	9	45	DStIS12	Combination	Min	5.5361	6.1354	105.7816	14.4339	-28.5881	0.652
Base	9	45	DStIS13	Combination	Max	3.9462	3.1247	99.8595	14.4475	-24.3726	0.7054
Base	9	45	DStIS13	Combination	Min	3.9462	3.1247	99.8595	14.4475	-24.3726	0.7054
Base	9	45	DStIS14	Combination	Max	9.4536	3.1925	102.1053	14.3139	-13.2822	0.5818
Base	9	45	DStIS14	Combination	Min	9.4536	3.1925	102.1053	14.3139	-13.2822	0.5818
Base	9	45	DStIS15	Combination	Max	6.7818	-1.1214	98.8047	22.6902	-18.6818	0.734
Base	9	45	DStIS15	Combination	Min	6.7818	-1.1214	98.8047	22.6902	-18.6818	0.734
Base	9	45	DStIS16	Combination	Max	6.618	7.4386	103.1601	6.0712	-18.9731	0.5533
Base	9	45	DStIS16	Combination	Min	6.618	7.4386	103.1601	6.0712	-18.9731	0.5533
Base	9	45	DStIS17	Combination	Max	2.0319	2.2223	71.0073	10.3388	-18.9934	0.5216
Base	9	45	DStIS17	Combination	Min	2.0319	2.2223	71.0073	10.3388	-18.9934	0.5216
Base	9	45	DStIS18	Combination	Max	7.5393	2.29	73.2532	10.2051	-7.9029	0.3979
Base	9	45	DStIS18	Combination	Min	7.5393	2.29	73.2532	10.2051	-7.9029	0.3979
Base	9	45	DStIS19	Combination	Max	4.8675	-2.0239	69.9526	18.5814	-13.3025	0.5501
Base	9	45	DStIS19	Combination	Min	4.8675	-2.0239	69.9526	18.5814	-13.3025	0.5501
Base	9	45	DStIS20	Combination	Max	4.7038	6.5362	74.308	1.9625	-13.5938	0.3694
Base	9	45	DStIS20	Combination	Min	4.7038	6.5362	74.308	1.9625	-13.5938	0.3694
Base	9	45	DStID1	Combination		4.7856	2.2561	72.1303	10.2719	-13.4482	0.4597
Base	9	45	DStID2	Combination		4.6719	2.0556	86.5958	17.9636	-23.7194	0.6079
Base	9	45	DConS1	Combination		6.6999	3.1586	100.9824	14.3807	-18.8274	0.6436
Base	9	45	DConS2	Combination		6.5179	2.8378	124.1272	26.6874	-35.2614	0.8807
Base	9	45	DConS3	Combination		5.5256	7.1867	106.2996	12.4218	-28.6269	0.5568
Base	9	45	DConS4	Combination		5.6869	-2.2532	101.5303	30.6908	-28.2996	0.9022
Base	9	45	DConS5	Combination		6.6058	8.6652	103.7645	3.7238	-19.0183	0.4421
Base	9	45	DConS6	Combination		6.794	-2.3481	98.2003	25.0376	-18.6365	0.8451
Base	9	45	DConS7	Combination		4.6915	7.7628	74.9124	-0.385	-13.6391	0.2582
Base	9	45	DConS8	Combination		4.8798	-3.2505	69.3482	20.9289	-13.2573	0.6612

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	9	45	DConS9	Combination	Max	3.2459	2.4377	102.9525	21.6136	-33.2163	0.7825
Base	9	45	DConS9	Combination	Min	3.2459	2.4377	102.9525	21.6136	-33.2163	0.7825
Base	9	45	DConS10	Combination	Max	7.9666	2.4958	104.8775	21.499	-23.7102	0.6765
Base	9	45	DConS10	Combination	Min	7.9666	2.4958	104.8775	21.499	-23.7102	0.6765
Base	9	45	DConS11	Combination	Max	5.6764	-1.2018	102.0484	28.6787	-28.3384	0.807
Base	9	45	DConS11	Combination	Min	5.6764	-1.2018	102.0484	28.6787	-28.3384	0.807
Base	9	45	DConS12	Combination	Max	5.5361	6.1354	105.7816	14.4339	-28.5881	0.652
Base	9	45	DConS12	Combination	Min	5.5361	6.1354	105.7816	14.4339	-28.5881	0.652
Base	9	45	DConS13	Combination	Max	3.9462	3.1247	99.8595	14.4475	-24.3726	0.7054
Base	9	45	DConS13	Combination	Min	3.9462	3.1247	99.8595	14.4475	-24.3726	0.7054
Base	9	45	DConS14	Combination	Max	9.4536	3.1925	102.1053	14.3139	-13.2822	0.5818
Base	9	45	DConS14	Combination	Min	9.4536	3.1925	102.1053	14.3139	-13.2822	0.5818
Base	9	45	DConS15	Combination	Max	6.7818	-1.1214	98.8047	22.6902	-18.6818	0.734
Base	9	45	DConS15	Combination	Min	6.7818	-1.1214	98.8047	22.6902	-18.6818	0.734
Base	9	45	DConS16	Combination	Max	6.618	7.4386	103.1601	6.0712	-18.9731	0.5533
Base	9	45	DConS16	Combination	Min	6.618	7.4386	103.1601	6.0712	-18.9731	0.5533
Base	9	45	DConS17	Combination	Max	2.0319	2.2223	71.0073	10.3388	-18.9934	0.5216
Base	9	45	DConS17	Combination	Min	2.0319	2.2223	71.0073	10.3388	-18.9934	0.5216
Base	9	45	DConS18	Combination	Max	7.5393	2.29	73.2532	10.2051	-7.9029	0.3979
Base	9	45	DConS18	Combination	Min	7.5393	2.29	73.2532	10.2051	-7.9029	0.3979
Base	9	45	DConS19	Combination	Max	4.8675	-2.0239	69.9526	18.5814	-13.3025	0.5501
Base	9	45	DConS19	Combination	Min	4.8675	-2.0239	69.9526	18.5814	-13.3025	0.5501
Base	9	45	DConS20	Combination	Max	4.7038	6.5362	74.308	1.9625	-13.5938	0.3694
Base	9	45	DConS20	Combination	Min	4.7038	6.5362	74.308	1.9625	-13.5938	0.3694
Base	9	45	DCmpD1	Combination		4.7856	2.2561	72.1303	10.2719	-13.4482	0.4597
Base	9	45	DCmpD2	Combination		4.6719	2.0556	86.5958	17.9636	-23.7194	0.6079
Base	9	45	DCmpS1	Combination		6.6999	3.1586	100.9824	14.3807	-18.8274	0.6436
Base	9	45	DCmpS2	Combination		6.5179	2.8378	124.1272	26.6874	-35.2614	0.8807
Base	9	45	DCmpC1	Combination		6.6999	3.1586	100.9824	14.3807	-18.8274	0.6436
Base	10	46	Dead	LinStatic		-0.7457	2.4587	104.5873	14.8584	-0.4359	0.517
Base	10	46	Live	LinStatic		-0.0452	0.8028	29.5412	14.8174	0.2813	0.1941
Base	10	46	WIND	LinStatic		-0.0839	0.6102	0.0082	-2.9013	-0.1533	-0.1794
Base	10	46	EQX	LinStatic	Max	-2.5895	0.0189	0.1772	-0.0235	-4.6204	-0.005
Base	10	46	EQX	LinStatic	Min	-2.5895	0.0189	0.1772	-0.0235	-4.6204	-0.005

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	46	EQY	LinStatic	Max	0.0638	-0.9105	-0.0022	3.1255	0.1097	0.0787
Base	10	46	EQY	LinStatic	Min	0.0638	-0.9105	-0.0022	3.1255	0.1097	0.0787
Base	10	46	DSIbS1	Combination		-1.0439	3.4422	146.4222	20.8018	-0.6103	0.7239
Base	10	46	DSIbS2	Combination		-1.1162	4.7266	193.6881	44.5097	-0.1603	1.0344
Base	10	46	DSIbS3	Combination		-1.0497	4.646	160.964	32.1294	-0.3695	0.6381
Base	10	46	DSIbS4	Combination		-0.8483	3.1815	160.9443	39.0926	-0.0017	1.0687
Base	10	46	DSIbS5	Combination		-1.1614	4.2965	146.4336	16.74	-0.8249	0.4727
Base	10	46	DSIbS6	Combination		-0.9265	2.5879	146.4107	24.8636	-0.3957	0.975
Base	10	46	DSIbS7	Combination		-0.8631	3.313	104.5987	10.7966	-0.6505	0.2659
Base	10	46	DSIbS8	Combination		-0.6282	1.6044	104.5758	18.9203	-0.2214	0.7682
Base	10	46	DStIS1	Combination		-1.0439	3.4422	146.4222	20.8018	-0.6103	0.7239
Base	10	46	DStIS2	Combination		-1.1162	4.7266	193.6881	44.5097	-0.1603	1.0344
Base	10	46	DStIS3	Combination		-1.0497	4.646	160.964	32.1294	-0.3695	0.6381
Base	10	46	DStIS4	Combination		-0.8483	3.1815	160.9443	39.0926	-0.0017	1.0687
Base	10	46	DStIS5	Combination		-1.1614	4.2965	146.4336	16.74	-0.8249	0.4727
Base	10	46	DStIS6	Combination		-0.9265	2.5879	146.4107	24.8636	-0.3957	0.975
Base	10	46	DStIS7	Combination		-0.8631	3.313	104.5987	10.7966	-0.6505	0.2659
Base	10	46	DStIS8	Combination		-0.6282	1.6044	104.5758	18.9203	-0.2214	0.7682
Base	10	46	DStIS9	Combination	Max	-4.0563	3.9365	161.1667	35.5829	-5.7301	0.8474
Base	10	46	DStIS9	Combination	Min	-4.0563	3.9365	161.1667	35.5829	-5.7301	0.8474
Base	10	46	DStIS10	Combination	Max	2.1583	3.891	160.7416	35.6392	5.3589	0.8594
Base	10	46	DStIS10	Combination	Min	2.1583	3.891	160.7416	35.6392	5.3589	0.8594
Base	10	46	DStIS11	Combination	Max	-0.8724	2.8211	160.9515	39.3616	-0.054	0.9478
Base	10	46	DStIS11	Combination	Min	-0.8724	2.8211	160.9515	39.3616	-0.054	0.9478
Base	10	46	DStIS12	Combination	Max	-1.0256	5.0064	160.9568	31.8604	-0.3172	0.759
Base	10	46	DStIS12	Combination	Min	-1.0256	5.0064	160.9568	31.8604	-0.3172	0.759
Base	10	46	DStIS13	Combination	Max	-4.6692	3.4687	146.6702	20.769	-7.0789	0.7168

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	46	DStIS13	Combination	Min	-4.6692	3.4687	146.6702	20.769	-7.0789	0.7168
Base	10	46	DStIS14	Combination	Max	2.5813	3.4156	146.1741	20.8347	5.8583	0.7309
Base	10	46	DStIS14	Combination	Min	2.5813	3.4156	146.1741	20.8347	5.8583	0.7309
Base	10	46	DStIS15	Combination	Max	-0.9546	2.1674	146.4191	25.1775	-0.4568	0.834
Base	10	46	DStIS15	Combination	Min	-0.9546	2.1674	146.4191	25.1775	-0.4568	0.834
Base	10	46	DStIS16	Combination	Max	-1.1333	4.7169	146.4252	16.4261	-0.7638	0.6137
Base	10	46	DStIS16	Combination	Min	-1.1333	4.7169	146.4252	16.4261	-0.7638	0.6137
Base	10	46	DStIS17	Combination	Max	-4.3709	2.4852	104.8353	14.8256	-6.9045	0.51
Base	10	46	DStIS17	Combination	Min	-4.3709	2.4852	104.8353	14.8256	-6.9045	0.51
Base	10	46	DStIS18	Combination	Max	2.8796	2.4322	104.3392	14.8913	6.0326	0.5241
Base	10	46	DStIS18	Combination	Min	2.8796	2.4322	104.3392	14.8913	6.0326	0.5241
Base	10	46	DStIS19	Combination	Max	-0.6563	1.1839	104.5842	19.2342	-0.2824	0.6272
Base	10	46	DStIS19	Combination	Min	-0.6563	1.1839	104.5842	19.2342	-0.2824	0.6272
Base	10	46	DStIS20	Combination	Max	-0.835	3.7334	104.5903	10.4827	-0.5895	0.4069
Base	10	46	DStIS20	Combination	Min	-0.835	3.7334	104.5903	10.4827	-0.5895	0.4069
Base	10	46	DStID1	Combination		-0.7457	2.4587	104.5873	14.8584	-0.4359	0.517
Base	10	46	DStID2	Combination		-0.7908	3.2614	134.1285	29.6758	-0.1547	0.7112
Base	10	46	DConS1	Combination		-1.0439	3.4422	146.4222	20.8018	-0.6103	0.7239
Base	10	46	DConS2	Combination		-1.1162	4.7266	193.6881	44.5097	-0.1603	1.0344
Base	10	46	DConS3	Combination		-1.0497	4.646	160.964	32.1294	-0.3695	0.6381
Base	10	46	DConS4	Combination		-0.8483	3.1815	160.9443	39.0926	-0.0017	1.0687
Base	10	46	DConS5	Combination		-1.1614	4.2965	146.4336	16.74	-0.8249	0.4727
Base	10	46	DConS6	Combination		-0.9265	2.5879	146.4107	24.8636	-0.3957	0.975
Base	10	46	DConS7	Combination		-0.8631	3.313	104.5987	10.7966	-0.6505	0.2659
Base	10	46	DConS8	Combination		-0.6282	1.6044	104.5758	18.9203	-0.2214	0.7682
Base	10	46	DConS9	Combination	Max	-4.0563	3.9365	161.1667	35.5829	-5.7301	0.8474

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	46	DConS9	Combination	Min	-4.0563	3.9365	161.1667	35.5829	-5.7301	0.8474
Base	10	46	DConS10	Combination	Max	2.1583	3.891	160.7416	35.6392	5.3589	0.8594
Base	10	46	DConS10	Combination	Min	2.1583	3.891	160.7416	35.6392	5.3589	0.8594
Base	10	46	DConS11	Combination	Max	-0.8724	2.8211	160.9515	39.3616	-0.054	0.9478
Base	10	46	DConS11	Combination	Min	-0.8724	2.8211	160.9515	39.3616	-0.054	0.9478
Base	10	46	DConS12	Combination	Max	-1.0256	5.0064	160.9568	31.8604	-0.3172	0.759
Base	10	46	DConS12	Combination	Min	-1.0256	5.0064	160.9568	31.8604	-0.3172	0.759
Base	10	46	DConS13	Combination	Max	-4.6692	3.4687	146.6702	20.769	-7.0789	0.7168
Base	10	46	DConS13	Combination	Min	-4.6692	3.4687	146.6702	20.769	-7.0789	0.7168
Base	10	46	DConS14	Combination	Max	2.5813	3.4156	146.1741	20.8347	5.8583	0.7309
Base	10	46	DConS14	Combination	Min	2.5813	3.4156	146.1741	20.8347	5.8583	0.7309
Base	10	46	DConS15	Combination	Max	-0.9546	2.1674	146.4191	25.1775	-0.4568	0.834
Base	10	46	DConS15	Combination	Min	-0.9546	2.1674	146.4191	25.1775	-0.4568	0.834
Base	10	46	DConS16	Combination	Max	-1.1333	4.7169	146.4252	16.4261	-0.7638	0.6137
Base	10	46	DConS16	Combination	Min	-1.1333	4.7169	146.4252	16.4261	-0.7638	0.6137
Base	10	46	DConS17	Combination	Max	-4.3709	2.4852	104.8353	14.8256	-6.9045	0.51
Base	10	46	DConS17	Combination	Min	-4.3709	2.4852	104.8353	14.8256	-6.9045	0.51
Base	10	46	DConS18	Combination	Max	2.8796	2.4322	104.3392	14.8913	6.0326	0.5241
Base	10	46	DConS18	Combination	Min	2.8796	2.4322	104.3392	14.8913	6.0326	0.5241
Base	10	46	DConS19	Combination	Max	-0.6563	1.1839	104.5842	19.2342	-0.2824	0.6272
Base	10	46	DConS19	Combination	Min	-0.6563	1.1839	104.5842	19.2342	-0.2824	0.6272
Base	10	46	DConS20	Combination	Max	-0.835	3.7334	104.5903	10.4827	-0.5895	0.4069
Base	10	46	DConS20	Combination	Min	-0.835	3.7334	104.5903	10.4827	-0.5895	0.4069
Base	10	46	DCmpD1	Combination		-0.7457	2.4587	104.5873	14.8584	-0.4359	0.517
Base	10	46	DCmpD2	Combination		-0.7908	3.2614	134.1285	29.6758	-0.1547	0.7112

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	46	DCmpS1	Combination		-1.0439	3.4422	146.4222	20.8018	-0.6103	0.7239
Base	10	46	DCmpS2	Combination		-1.1162	4.7266	193.6881	44.5097	-0.1603	1.0344
Base	10	46	DCmpC1	Combination		-1.0439	3.4422	146.4222	20.8018	-0.6103	0.7239
Base	11	47	Dead	LinStatic		0.0419	3.4251	102.5819	12.2909	0.0994	0.1664
Base	11	47	Live	LinStatic		-0.0232	1.2509	29.3562	13.6476	-0.0137	0.0636
Base	11	47	WIND	LinStatic		-0.0815	0.1079	0.001	-2.0364	-0.1501	-0.0178
Base	11	47	EQX	LinStatic	Max	-2.5081	0.0001	-0.0232	0.002	-4.5349	0.0002
Base	11	47	EQX	LinStatic	Min	-2.5081	0.0001	-0.0232	0.002	-4.5349	0.0002
Base	11	47	EQY	LinStatic	Max	0.0594	-0.6408	0.0026	2.7049	0.1054	0.0052
Base	11	47	EQY	LinStatic	Min	0.0594	-0.6408	0.0026	2.7049	0.1054	0.0052
Base	11	47	DSlbS1	Combination		0.0587	4.7952	143.6147	17.2072	0.1391	0.2329
Base	11	47	DSlbS2	Combination		0.0215	6.7967	190.5846	39.0434	0.1172	0.3346
Base	11	47	DSlbS3	Combination		-0.0753	5.7407	158.327	28.6825	-0.0773	0.2546
Base	11	47	DSlbS4	Combination		0.1202	5.4818	158.3245	33.5698	0.2829	0.2973
Base	11	47	DSlbS5	Combination		-0.0553	4.9462	143.6161	14.3563	-0.071	0.208
Base	11	47	DSlbS6	Combination		0.1728	4.6442	143.6132	20.0582	0.3492	0.2578
Base	11	47	DSlbS7	Combination		-0.0721	3.5761	102.5833	9.4399	-0.1107	0.1415
Base	11	47	DSlbS8	Combination		0.156	3.2741	102.5805	15.1418	0.3095	0.1913
Base	11	47	DStlS1	Combination		0.0587	4.7952	143.6147	17.2072	0.1391	0.2329
Base	11	47	DStlS2	Combination		0.0215	6.7967	190.5846	39.0434	0.1172	0.3346
Base	11	47	DStlS3	Combination		-0.0753	5.7407	158.327	28.6825	-0.0773	0.2546
Base	11	47	DStlS4	Combination		0.1202	5.4818	158.3245	33.5698	0.2829	0.2973
Base	11	47	DStlS5	Combination		-0.0553	4.9462	143.6161	14.3563	-0.071	0.208
Base	11	47	DStlS6	Combination		0.1728	4.6442	143.6132	20.0582	0.3492	0.2578
Base	11	47	DStlS7	Combination		-0.0721	3.5761	102.5833	9.4399	-0.1107	0.1415
Base	11	47	DStlS8	Combination		0.156	3.2741	102.5805	15.1418	0.3095	0.1913
Base	11	47	DStlS9	Combination	Max	-2.9872	5.6114	158.2979	31.1286	-5.3391	0.2762
Base	11	47	DStlS9	Combination	Min	-2.9872	5.6114	158.2979	31.1286	-5.3391	0.2762
Base	11	47	DStlS10	Combination	Max	3.0321	5.6111	158.3536	31.1237	5.5446	0.2756

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	11	47	DStIS10	Combination	Min	3.0321	5.6111	158.3536	31.1237	5.5446	0.2756
Base	11	47	DStIS11	Combination	Max	0.0937	4.8423	158.3288	34.372	0.2292	0.2821
Base	11	47	DStIS11	Combination	Min	0.0937	4.8423	158.3288	34.372	0.2292	0.2821
Base	11	47	DStIS12	Combination	Max	-0.0489	6.3803	158.3227	27.8803	-0.0237	0.2697
Base	11	47	DStIS12	Combination	Min	-0.0489	6.3803	158.3227	27.8803	-0.0237	0.2697
Base	11	47	DStIS13	Combination	Max	-3.4526	4.7953	143.5822	17.2101	-6.2097	0.2333
Base	11	47	DStIS13	Combination	Min	-3.4526	4.7953	143.5822	17.2101	-6.2097	0.2333
Base	11	47	DStIS14	Combination	Max	3.57	4.795	143.6472	17.2044	6.4879	0.2326
Base	11	47	DStIS14	Combination	Min	3.57	4.795	143.6472	17.2044	6.4879	0.2326
Base	11	47	DStIS15	Combination	Max	0.1419	3.898	143.6183	20.9941	0.2866	0.2401
Base	11	47	DStIS15	Combination	Min	0.1419	3.898	143.6183	20.9941	0.2866	0.2401
Base	11	47	DStIS16	Combination	Max	-0.0245	5.6924	143.6111	13.4204	-0.0084	0.2257
Base	11	47	DStIS16	Combination	Min	-0.0245	5.6924	143.6111	13.4204	-0.0084	0.2257
Base	11	47	DStIS17	Combination	Max	-3.4693	3.4253	102.5494	12.2937	-6.2495	0.1667
Base	11	47	DStIS17	Combination	Min	-3.4693	3.4253	102.5494	12.2937	-6.2495	0.1667
Base	11	47	DStIS18	Combination	Max	3.5532	3.425	102.6144	12.288	6.4482	0.166
Base	11	47	DStIS18	Combination	Min	3.5532	3.425	102.6144	12.288	6.4482	0.166
Base	11	47	DStIS19	Combination	Max	0.1251	2.5279	102.5855	16.0777	0.2469	0.1736
Base	11	47	DStIS19	Combination	Min	0.1251	2.5279	102.5855	16.0777	0.2469	0.1736
Base	11	47	DStIS20	Combination	Max	-0.0413	4.3223	102.5783	8.504	-0.0482	0.1592
Base	11	47	DStIS20	Combination	Min	-0.0413	4.3223	102.5783	8.504	-0.0482	0.1592
Base	11	47	DStID1	Combination		0.0419	3.4251	102.5819	12.2909	0.0994	0.1664
Base	11	47	DStID2	Combination		0.0187	4.6761	131.9381	25.9385	0.0856	0.2299
Base	11	47	DConS1	Combination		0.0587	4.7952	143.6147	17.2072	0.1391	0.2329
Base	11	47	DConS2	Combination		0.0215	6.7967	190.5846	39.0434	0.1172	0.3346
Base	11	47	DConS3	Combination		-0.0753	5.7407	158.327	28.6825	-0.0773	0.2546

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	11	47	DConS4	Combination		0.1202	5.4818	158.3245	33.5698	0.2829	0.2973
Base	11	47	DConS5	Combination		-0.0553	4.9462	143.6161	14.3563	-0.071	0.208
Base	11	47	DConS6	Combination		0.1728	4.6442	143.6132	20.0582	0.3492	0.2578
Base	11	47	DConS7	Combination		-0.0721	3.5761	102.5833	9.4399	-0.1107	0.1415
Base	11	47	DConS8	Combination		0.156	3.2741	102.5805	15.1418	0.3095	0.1913
Base	11	47	DConS9	Combination	Max	-2.9872	5.6114	158.2979	31.1286	-5.3391	0.2762
Base	11	47	DConS9	Combination	Min	-2.9872	5.6114	158.2979	31.1286	-5.3391	0.2762
Base	11	47	DConS10	Combination	Max	3.0321	5.6111	158.3536	31.1237	5.5446	0.2756
Base	11	47	DConS10	Combination	Min	3.0321	5.6111	158.3536	31.1237	5.5446	0.2756
Base	11	47	DConS11	Combination	Max	0.0937	4.8423	158.3288	34.372	0.2292	0.2821
Base	11	47	DConS11	Combination	Min	0.0937	4.8423	158.3288	34.372	0.2292	0.2821
Base	11	47	DConS12	Combination	Max	-0.0489	6.3803	158.3227	27.8803	-0.0237	0.2697
Base	11	47	DConS12	Combination	Min	-0.0489	6.3803	158.3227	27.8803	-0.0237	0.2697
Base	11	47	DConS13	Combination	Max	-3.4526	4.7953	143.5822	17.2101	-6.2097	0.2333
Base	11	47	DConS13	Combination	Min	-3.4526	4.7953	143.5822	17.2101	-6.2097	0.2333
Base	11	47	DConS14	Combination	Max	3.57	4.795	143.6472	17.2044	6.4879	0.2326
Base	11	47	DConS14	Combination	Min	3.57	4.795	143.6472	17.2044	6.4879	0.2326
Base	11	47	DConS15	Combination	Max	0.1419	3.898	143.6183	20.9941	0.2866	0.2401
Base	11	47	DConS15	Combination	Min	0.1419	3.898	143.6183	20.9941	0.2866	0.2401
Base	11	47	DConS16	Combination	Max	-0.0245	5.6924	143.6111	13.4204	-0.0084	0.2257
Base	11	47	DConS16	Combination	Min	-0.0245	5.6924	143.6111	13.4204	-0.0084	0.2257
Base	11	47	DConS17	Combination	Max	-3.4693	3.4253	102.5494	12.2937	-6.2495	0.1667
Base	11	47	DConS17	Combination	Min	-3.4693	3.4253	102.5494	12.2937	-6.2495	0.1667
Base	11	47	DConS18	Combination	Max	3.5532	3.425	102.6144	12.288	6.4482	0.166
Base	11	47	DConS18	Combination	Min	3.5532	3.425	102.6144	12.288	6.4482	0.166

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	11	47	DConS19	Combination	Max	0.1251	2.5279	102.5855	16.0777	0.2469	0.1736
Base	11	47	DConS19	Combination	Min	0.1251	2.5279	102.5855	16.0777	0.2469	0.1736
Base	11	47	DConS20	Combination	Max	-0.0413	4.3223	102.5783	8.504	-0.0482	0.1592
Base	11	47	DConS20	Combination	Min	-0.0413	4.3223	102.5783	8.504	-0.0482	0.1592
Base	11	47	DCmpD1	Combination		0.0419	3.4251	102.5819	12.2909	0.0994	0.1664
Base	11	47	DCmpD2	Combination		0.0187	4.6761	131.9381	25.9385	0.0856	0.2299
Base	11	47	DCmpS1	Combination		0.0587	4.7952	143.6147	17.2072	0.1391	0.2329
Base	11	47	DCmpS2	Combination		0.0215	6.7967	190.5846	39.0434	0.1172	0.3346
Base	11	47	DCmpC1	Combination		0.0587	4.7952	143.6147	17.2072	0.1391	0.2329
Base	12	52	Dead	LinStatic		0.051	3.6535	102.8423	11.6546	0.0917	0.0078
Base	12	52	Live	LinStatic		0.0119	1.3438	29.3571	13.4121	0.0214	0.0024
Base	12	52	WIND	LinStatic		-0.0835	0.0918	0.0026	-1.968	-0.151	-0.0072
Base	12	52	EQX	LinStatic	Max	-2.5207	0.0011	-0.0012	-0.0056	-4.5497	0.0003
Base	12	52	EQX	LinStatic	Min	-2.5207	0.0011	-0.0012	-0.0056	-4.5497	0.0003
Base	12	52	EQY	LinStatic	Max	0.0568	-0.6404	0.0019	2.6891	0.1027	0.0025
Base	12	52	EQY	LinStatic	Min	0.0568	-0.6404	0.0019	2.6891	0.1027	0.0025
Base	12	52	DSlbS1	Combination		0.0714	5.115	143.9792	16.3164	0.1283	0.0109
Base	12	52	DSlbS2	Combination		0.0906	7.2651	190.9506	37.7757	0.1626	0.0147
Base	12	52	DSlbS3	Combination		-0.0246	6.1071	158.6425	27.7184	-0.0454	0.0035
Base	12	52	DSlbS4	Combination		0.1757	5.8867	158.6361	32.4415	0.3169	0.0208
Base	12	52	DSlbS5	Combination		-0.0454	5.2435	143.9829	13.5613	-0.083	0.0008
Base	12	52	DSlbS6	Combination		0.1883	4.9864	143.9755	19.0715	0.3397	0.0209
Base	12	52	DSlbS7	Combination		-0.0658	3.7821	102.846	8.8994	-0.1197	-0.0023
Base	12	52	DSlbS8	Combination		0.1679	3.525	102.8386	14.4097	0.303	0.0178
Base	12	52	DStlS1	Combination		0.0714	5.115	143.9792	16.3164	0.1283	0.0109
Base	12	52	DStlS2	Combination		0.0906	7.2651	190.9506	37.7757	0.1626	0.0147
Base	12	52	DStlS3	Combination		-0.0246	6.1071	158.6425	27.7184	-0.0454	0.0035
Base	12	52	DStlS4	Combination		0.1757	5.8867	158.6361	32.4415	0.3169	0.0208
Base	12	52	DStlS5	Combination		-0.0454	5.2435	143.9829	13.5613	-0.083	0.0008

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	12	52	DStIS6	Combination		0.1883	4.9864	143.9755	19.0715	0.3397	0.0209
Base	12	52	DStIS7	Combination		-0.0658	3.7821	102.846	8.8994	-0.1197	-0.0023
Base	12	52	DStIS8	Combination		0.1679	3.525	102.8386	14.4097	0.303	0.0178
Base	12	52	DStIS9	Combination	Max	-2.9492	5.9981	158.6379	30.0733	-5.3239	0.0126
Base	12	52	DStIS9	Combination	Min	-2.9492	5.9981	158.6379	30.0733	-5.3239	0.0126
Base	12	52	DStIS10	Combination	Max	3.1004	5.9956	158.6408	30.0867	5.5954	0.0118
Base	12	52	DStIS10	Combination	Min	3.1004	5.9956	158.6408	30.0867	5.5954	0.0118
Base	12	52	DStIS11	Combination	Max	0.1438	5.2284	158.6417	33.3069	0.259	0.0152
Base	12	52	DStIS11	Combination	Min	0.1438	5.2284	158.6417	33.3069	0.259	0.0152
Base	12	52	DStIS12	Combination	Max	0.0074	6.7653	158.637	26.8531	0.0125	0.0092
Base	12	52	DStIS12	Combination	Min	0.0074	6.7653	158.637	26.8531	0.0125	0.0092
Base	12	52	DStIS13	Combination	Max	-3.4575	5.1164	143.9775	16.3086	-6.2412	0.0114
Base	12	52	DStIS13	Combination	Min	-3.4575	5.1164	143.9775	16.3086	-6.2412	0.0114
Base	12	52	DStIS14	Combination	Max	3.6004	5.1135	143.9809	16.3242	6.4979	0.0104
Base	12	52	DStIS14	Combination	Min	3.6004	5.1135	143.9809	16.3242	6.4979	0.0104
Base	12	52	DStIS15	Combination	Max	0.151	4.2185	143.9819	20.0812	0.2721	0.0144
Base	12	52	DStIS15	Combination	Min	0.151	4.2185	143.9819	20.0812	0.2721	0.0144
Base	12	52	DStIS16	Combination	Max	-0.0081	6.0115	143.9765	12.5516	-0.0154	0.0074
Base	12	52	DStIS16	Combination	Min	-0.0081	6.0115	143.9765	12.5516	-0.0154	0.0074
Base	12	52	DStIS17	Combination	Max	-3.4779	3.655	102.8406	11.6468	-6.2779	0.0083
Base	12	52	DStIS17	Combination	Min	-3.4779	3.655	102.8406	11.6468	-6.2779	0.0083
Base	12	52	DStIS18	Combination	Max	3.58	3.6521	102.844	11.6624	6.4612	0.0073
Base	12	52	DStIS18	Combination	Min	3.58	3.6521	102.844	11.6624	6.4612	0.0073
Base	12	52	DStIS19	Combination	Max	0.1306	2.757	102.845	15.4193	0.2355	0.0113
Base	12	52	DStIS19	Combination	Min	0.1306	2.757	102.845	15.4193	0.2355	0.0113
Base	12	52	DStIS20	Combination	Max	-0.0285	4.5501	102.8396	7.8898	-0.0521	0.0043
Base	12	52	DStIS20	Combination	Min	-0.0285	4.5501	102.8396	7.8898	-0.0521	0.0043
Base	12	52	DStID1	Combination		0.051	3.6535	102.8423	11.6546	0.0917	0.0078
Base	12	52	DStID2	Combination		0.063	4.9974	132.1994	25.0667	0.1131	0.0102

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	12	52	DConS1	Combination		0.0714	5.115	143.9792	16.3164	0.1283	0.0109
Base	12	52	DConS2	Combination		0.0906	7.2651	190.9506	37.7757	0.1626	0.0147
Base	12	52	DConS3	Combination		-0.0246	6.1071	158.6425	27.7184	-0.0454	0.0035
Base	12	52	DConS4	Combination		0.1757	5.8867	158.6361	32.4415	0.3169	0.0208
Base	12	52	DConS5	Combination		-0.0454	5.2435	143.9829	13.5613	-0.083	0.0008
Base	12	52	DConS6	Combination		0.1883	4.9864	143.9755	19.0715	0.3397	0.0209
Base	12	52	DConS7	Combination		-0.0658	3.7821	102.846	8.8994	-0.1197	-0.0023
Base	12	52	DConS8	Combination		0.1679	3.525	102.8386	14.4097	0.303	0.0178
Base	12	52	DConS9	Combination	Max	-2.9492	5.9981	158.6379	30.0733	-5.3239	0.0126
Base	12	52	DConS9	Combination	Min	-2.9492	5.9981	158.6379	30.0733	-5.3239	0.0126
Base	12	52	DConS10	Combination	Max	3.1004	5.9956	158.6408	30.0867	5.5954	0.0118
Base	12	52	DConS10	Combination	Min	3.1004	5.9956	158.6408	30.0867	5.5954	0.0118
Base	12	52	DConS11	Combination	Max	0.1438	5.2284	158.6417	33.3069	0.259	0.0152
Base	12	52	DConS11	Combination	Min	0.1438	5.2284	158.6417	33.3069	0.259	0.0152
Base	12	52	DConS12	Combination	Max	0.0074	6.7653	158.637	26.8531	0.0125	0.0092
Base	12	52	DConS12	Combination	Min	0.0074	6.7653	158.637	26.8531	0.0125	0.0092
Base	12	52	DConS13	Combination	Max	-3.4575	5.1164	143.9775	16.3086	-6.2412	0.0114
Base	12	52	DConS13	Combination	Min	-3.4575	5.1164	143.9775	16.3086	-6.2412	0.0114
Base	12	52	DConS14	Combination	Max	3.6004	5.1135	143.9809	16.3242	6.4979	0.0104
Base	12	52	DConS14	Combination	Min	3.6004	5.1135	143.9809	16.3242	6.4979	0.0104
Base	12	52	DConS15	Combination	Max	0.151	4.2185	143.9819	20.0812	0.2721	0.0144
Base	12	52	DConS15	Combination	Min	0.151	4.2185	143.9819	20.0812	0.2721	0.0144
Base	12	52	DConS16	Combination	Max	-0.0081	6.0115	143.9765	12.5516	-0.0154	0.0074
Base	12	52	DConS16	Combination	Min	-0.0081	6.0115	143.9765	12.5516	-0.0154	0.0074
Base	12	52	DConS17	Combination	Max	-3.4779	3.655	102.8406	11.6468	-6.2779	0.0083
Base	12	52	DConS17	Combination	Min	-3.4779	3.655	102.8406	11.6468	-6.2779	0.0083
Base	12	52	DConS18	Combination	Max	3.58	3.6521	102.844	11.6624	6.4612	0.0073
Base	12	52	DConS18	Combination	Min	3.58	3.6521	102.844	11.6624	6.4612	0.0073

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	12	52	DConS19	Combination	Max	0.1306	2.757	102.845	15.4193	0.2355	0.0113
Base	12	52	DConS19	Combination	Min	0.1306	2.757	102.845	15.4193	0.2355	0.0113
Base	12	52	DConS20	Combination	Max	-0.0285	4.5501	102.8396	7.8898	-0.0521	0.0043
Base	12	52	DConS20	Combination	Min	-0.0285	4.5501	102.8396	7.8898	-0.0521	0.0043
Base	12	52	DCmpD1	Combination		0.051	3.6535	102.8423	11.6546	0.0917	0.0078
Base	12	52	DCmpD2	Combination		0.063	4.9974	132.1994	25.0667	0.1131	0.0102
Base	12	52	DCmpS1	Combination		0.0714	5.115	143.9792	16.3164	0.1283	0.0109
Base	12	52	DCmpS2	Combination		0.0906	7.2651	190.9506	37.7757	0.1626	0.0147
Base	12	52	DCmpC1	Combination		0.0714	5.115	143.9792	16.3164	0.1283	0.0109
Base	13	53	Dead	LinStatic		0.0597	3.4468	102.5842	12.2095	0.0801	-0.1518
Base	13	53	Live	LinStatic		0.0471	1.2572	29.3593	13.6255	0.0549	-0.059
Base	13	53	WIND	LinStatic		-0.0846	0.0911	-0.0101	-1.9735	-0.1465	0.0039
Base	13	53	EQX	LinStatic	Max	-2.51	0.0007	0.0293	-0.002	-4.5404	0.0003
Base	13	53	EQX	LinStatic	Min	-2.51	0.0007	0.0293	-0.002	-4.5404	0.0003
Base	13	53	EQY	LinStatic	Max	0.0537	-0.6688	0.0122	2.7308	0.0955	-0.0006
Base	13	53	EQY	LinStatic	Min	0.0537	-0.6688	0.0122	2.7308	0.0955	-0.0006
Base	13	53	DSlbS1	Combination		0.0836	4.8255	143.6178	17.0933	0.1121	-0.2125
Base	13	53	DSlbS2	Combination		0.1589	6.837	190.5926	38.8941	0.1999	-0.3069
Base	13	53	DSlbS3	Combination		0.0266	5.7541	158.32	28.6338	-0.0138	-0.2482
Base	13	53	DSlbS4	Combination		0.2297	5.5354	158.3442	33.3702	0.3377	-0.2576
Base	13	53	DSlbS5	Combination		-0.0349	4.953	143.6037	14.3304	-0.0929	-0.207
Base	13	53	DSlbS6	Combination		0.2021	4.6979	143.6319	19.8562	0.3172	-0.2179
Base	13	53	DSlbS7	Combination		-0.0588	3.5743	102.57	9.4466	-0.125	-0.1463
Base	13	53	DSlbS8	Combination		0.1782	3.3192	102.5983	14.9724	0.2851	-0.1572
Base	13	53	DStlS1	Combination		0.0836	4.8255	143.6178	17.0933	0.1121	-0.2125
Base	13	53	DStlS2	Combination		0.1589	6.837	190.5926	38.8941	0.1999	-0.3069
Base	13	53	DStlS3	Combination		0.0266	5.7541	158.32	28.6338	-0.0138	-0.2482
Base	13	53	DStlS4	Combination		0.2297	5.5354	158.3442	33.3702	0.3377	-0.2576
Base	13	53	DStlS5	Combination		-0.0349	4.953	143.6037	14.3304	-0.0929	-0.207
Base	13	53	DStlS6	Combination		0.2021	4.6979	143.6319	19.8562	0.3172	-0.2179
Base	13	53	DStlS7	Combination		-0.0588	3.5743	102.57	9.4466	-0.125	-0.1463

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	13	53	DStIS8	Combination		0.1782	3.3192	102.5983	14.9724	0.2851	-0.1572
Base	13	53	DStIS9	Combination	Max	-2.8838	5.6455	158.3672	30.9995	-5.2865	-0.2525
Base	13	53	DStIS9	Combination	Min	-2.8838	5.6455	158.3672	30.9995	-5.2865	-0.2525
Base	13	53	DStIS10	Combination	Max	3.1401	5.6439	158.297	31.0044	5.6104	-0.2533
Base	13	53	DStIS10	Combination	Min	3.1401	5.6439	158.297	31.0044	5.6104	-0.2533
Base	13	53	DStIS11	Combination	Max	0.1925	4.8421	158.3467	34.2789	0.2766	-0.2537
Base	13	53	DStIS11	Combination	Min	0.1925	4.8421	158.3467	34.2789	0.2766	-0.2537
Base	13	53	DStIS12	Combination	Max	0.0638	6.4473	158.3175	27.725	0.0473	-0.2522
Base	13	53	DStIS12	Combination	Min	0.0638	6.4473	158.3175	27.725	0.0473	-0.2522
Base	13	53	DStIS13	Combination	Max	-3.4304	4.8264	143.6588	17.0904	-6.2444	-0.212
Base	13	53	DStIS13	Combination	Min	-3.4304	4.8264	143.6588	17.0904	-6.2444	-0.212
Base	13	53	DStIS14	Combination	Max	3.5976	4.8246	143.5768	17.0961	6.4686	-0.2129
Base	13	53	DStIS14	Combination	Min	3.5976	4.8246	143.5768	17.0961	6.4686	-0.2129
Base	13	53	DStIS15	Combination	Max	0.1587	3.8891	143.6348	20.9164	0.2458	-0.2133
Base	13	53	DStIS15	Combination	Min	0.1587	3.8891	143.6348	20.9164	0.2458	-0.2133
Base	13	53	DStIS16	Combination	Max	0.0085	5.7619	143.6008	13.2702	-0.0216	-0.2116
Base	13	53	DStIS16	Combination	Min	0.0085	5.7619	143.6008	13.2702	-0.0216	-0.2116
Base	13	53	DStIS17	Combination	Max	-3.4543	3.4477	102.6251	12.2066	-6.2764	-0.1513
Base	13	53	DStIS17	Combination	Min	-3.4543	3.4477	102.6251	12.2066	-6.2764	-0.1513
Base	13	53	DStIS18	Combination	Max	3.5737	3.4459	102.5432	12.2123	6.4366	-0.1522
Base	13	53	DStIS18	Combination	Min	3.5737	3.4459	102.5432	12.2123	6.4366	-0.1522
Base	13	53	DStIS19	Combination	Max	0.1348	2.5104	102.6012	16.0326	0.2138	-0.1526
Base	13	53	DStIS19	Combination	Min	0.1348	2.5104	102.6012	16.0326	0.2138	-0.1526
Base	13	53	DStIS20	Combination	Max	-0.0154	4.3831	102.5671	8.3864	-0.0536	-0.1509
Base	13	53	DStIS20	Combination	Min	-0.0154	4.3831	102.5671	8.3864	-0.0536	-0.1509
Base	13	53	DStID1	Combination		0.0597	3.4468	102.5842	12.2095	0.0801	-0.1518

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	13	53	DStID2	Combination		0.1068	4.7039	131.9434	25.835	0.135	-0.2108
Base	13	53	DConS1	Combination		0.0836	4.8255	143.6178	17.0933	0.1121	-0.2125
Base	13	53	DConS2	Combination		0.1589	6.837	190.5926	38.8941	0.1999	-0.3069
Base	13	53	DConS3	Combination		0.0266	5.7541	158.32	28.6338	-0.0138	-0.2482
Base	13	53	DConS4	Combination		0.2297	5.5354	158.3442	33.3702	0.3377	-0.2576
Base	13	53	DConS5	Combination		-0.0349	4.953	143.6037	14.3304	-0.0929	-0.207
Base	13	53	DConS6	Combination		0.2021	4.6979	143.6319	19.8562	0.3172	-0.2179
Base	13	53	DConS7	Combination		-0.0588	3.5743	102.57	9.4466	-0.125	-0.1463
Base	13	53	DConS8	Combination		0.1782	3.3192	102.5983	14.9724	0.2851	-0.1572
Base	13	53	DConS9	Combination	Max	-2.8838	5.6455	158.3672	30.9995	-5.2865	-0.2525
Base	13	53	DConS9	Combination	Min	-2.8838	5.6455	158.3672	30.9995	-5.2865	-0.2525
Base	13	53	DConS10	Combination	Max	3.1401	5.6439	158.297	31.0044	5.6104	-0.2533
Base	13	53	DConS10	Combination	Min	3.1401	5.6439	158.297	31.0044	5.6104	-0.2533
Base	13	53	DConS11	Combination	Max	0.1925	4.8421	158.3467	34.2789	0.2766	-0.2537
Base	13	53	DConS11	Combination	Min	0.1925	4.8421	158.3467	34.2789	0.2766	-0.2537
Base	13	53	DConS12	Combination	Max	0.0638	6.4473	158.3175	27.725	0.0473	-0.2522
Base	13	53	DConS12	Combination	Min	0.0638	6.4473	158.3175	27.725	0.0473	-0.2522
Base	13	53	DConS13	Combination	Max	-3.4304	4.8264	143.6588	17.0904	-6.2444	-0.212
Base	13	53	DConS13	Combination	Min	-3.4304	4.8264	143.6588	17.0904	-6.2444	-0.212
Base	13	53	DConS14	Combination	Max	3.5976	4.8246	143.5768	17.0961	6.4686	-0.2129
Base	13	53	DConS14	Combination	Min	3.5976	4.8246	143.5768	17.0961	6.4686	-0.2129
Base	13	53	DConS15	Combination	Max	0.1587	3.8891	143.6348	20.9164	0.2458	-0.2133
Base	13	53	DConS15	Combination	Min	0.1587	3.8891	143.6348	20.9164	0.2458	-0.2133
Base	13	53	DConS16	Combination	Max	0.0085	5.7619	143.6008	13.2702	-0.0216	-0.2116
Base	13	53	DConS16	Combination	Min	0.0085	5.7619	143.6008	13.2702	-0.0216	-0.2116
Base	13	53	DConS17	Combination	Max	-3.4543	3.4477	102.6251	12.2066	-6.2764	-0.1513
Base	13	53	DConS17	Combination	Min	-3.4543	3.4477	102.6251	12.2066	-6.2764	-0.1513

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	13	53	DConS18	Combination	Max	3.5737	3.4459	102.5432	12.2123	6.4366	-0.1522
Base	13	53	DConS18	Combination	Min	3.5737	3.4459	102.5432	12.2123	6.4366	-0.1522
Base	13	53	DConS19	Combination	Max	0.1348	2.5104	102.6012	16.0326	0.2138	-0.1526
Base	13	53	DConS19	Combination	Min	0.1348	2.5104	102.6012	16.0326	0.2138	-0.1526
Base	13	53	DConS20	Combination	Max	-0.0154	4.3831	102.5671	8.3864	-0.0536	-0.1509
Base	13	53	DConS20	Combination	Min	-0.0154	4.3831	102.5671	8.3864	-0.0536	-0.1509
Base	13	53	DCmpD1	Combination		0.0597	3.4468	102.5842	12.2095	0.0801	-0.1518
Base	13	53	DCmpD2	Combination		0.1068	4.7039	131.9434	25.835	0.135	-0.2108
Base	13	53	DCmpS1	Combination		0.0836	4.8255	143.6178	17.0933	0.1121	-0.2125
Base	13	53	DCmpS2	Combination		0.1589	6.837	190.5926	38.8941	0.1999	-0.3069
Base	13	53	DCmpC1	Combination		0.0836	4.8255	143.6178	17.0933	0.1121	-0.2125
Base	14	54	Dead	LinStatic		0.8522	2.5179	104.7474	14.8598	0.6263	-0.4959
Base	14	54	Live	LinStatic		0.07	0.8209	29.6077	14.8407	-0.2376	-0.1873
Base	14	54	WIND	LinStatic		-0.0849	0.5488	-0.1886	-2.9421	-0.1507	0.1544
Base	14	54	EQX	LinStatic	Max	-2.5877	0.0077	-0.1636	-0.0201	-4.6261	0.0046
Base	14	54	EQX	LinStatic	Min	-2.5877	0.0077	-0.1636	-0.0201	-4.6261	0.0046
Base	14	54	EQY	LinStatic	Max	0.051	-0.9354	0.1643	3.3054	0.097	-0.0601
Base	14	54	EQY	LinStatic	Min	0.051	-0.9354	0.1643	3.3054	0.097	-0.0601
Base	14	54	DSlbS1	Combination		1.193	3.525	146.6464	20.8037	0.8768	-0.6942
Base	14	54	DSlbS2	Combination		1.305	4.8384	194.0187	44.5488	0.4967	-0.9939
Base	14	54	DSlbS3	Combination		1.0047	4.665	160.9998	32.1101	0.2856	-0.6346
Base	14	54	DSlbS4	Combination		1.2084	3.3479	161.4524	39.1711	0.6473	-1.0051
Base	14	54	DSlbS5	Combination		1.0742	4.2933	146.3823	16.6848	0.6658	-0.4781
Base	14	54	DSlbS6	Combination		1.3118	2.7567	146.9104	24.9226	1.0878	-0.9104
Base	14	54	DSlbS7	Combination		0.7333	3.2862	104.4833	10.7409	0.4153	-0.2797
Base	14	54	DSlbS8	Combination		0.971	1.7495	105.0115	18.9787	0.8373	-0.712
Base	14	54	DStlS1	Combination		1.193	3.525	146.6464	20.8037	0.8768	-0.6942
Base	14	54	DStlS2	Combination		1.305	4.8384	194.0187	44.5488	0.4967	-0.9939

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	54	DStIS3	Combination		1.0047	4.665	160.9998	32.1101	0.2856	-0.6346
Base	14	54	DStIS4	Combination		1.2084	3.3479	161.4524	39.1711	0.6473	-1.0051
Base	14	54	DStIS5	Combination		1.0742	4.2933	146.3823	16.6848	0.6658	-0.4781
Base	14	54	DStIS6	Combination		1.3118	2.7567	146.9104	24.9226	1.0878	-0.9104
Base	14	54	DStIS7	Combination		0.7333	3.2862	104.4833	10.7409	0.4153	-0.2797
Base	14	54	DStIS8	Combination		0.971	1.7495	105.0115	18.9787	0.8373	-0.712
Base	14	54	DStIS9	Combination	Max	-1.9987	4.0157	161.0298	35.6165	-5.0848	-0.8143
Base	14	54	DStIS9	Combination	Min	-1.9987	4.0157	161.0298	35.6165	-5.0848	-0.8143
Base	14	54	DStIS10	Combination	Max	4.2118	3.9972	161.4224	35.6647	6.0178	-0.8254
Base	14	54	DStIS10	Combination	Min	4.2118	3.9972	161.4224	35.6647	6.0178	-0.8254
Base	14	54	DStIS11	Combination	Max	1.1677	2.884	161.4233	39.6071	0.5829	-0.8919
Base	14	54	DStIS11	Combination	Min	1.1677	2.884	161.4233	39.6071	0.5829	-0.8919
Base	14	54	DStIS12	Combination	Max	1.0454	5.129	161.0289	31.6741	0.3501	-0.7477
Base	14	54	DStIS12	Combination	Min	1.0454	5.129	161.0289	31.6741	0.3501	-0.7477
Base	14	54	DStIS13	Combination	Max	-2.4298	3.5358	146.4173	20.7756	-5.5997	-0.6878
Base	14	54	DStIS13	Combination	Min	-2.4298	3.5358	146.4173	20.7756	-5.5997	-0.6878
Base	14	54	DStIS14	Combination	Max	4.8158	3.5142	146.8754	20.8318	7.3534	-0.7007
Base	14	54	DStIS14	Combination	Min	4.8158	3.5142	146.8754	20.8318	7.3534	-0.7007
Base	14	54	DStIS15	Combination	Max	1.2644	2.2154	146.8764	25.4313	1.0126	-0.7783
Base	14	54	DStIS15	Combination	Min	1.2644	2.2154	146.8764	25.4313	1.0126	-0.7783
Base	14	54	DStIS16	Combination	Max	1.1217	4.8346	146.4163	16.1761	0.7411	-0.6101
Base	14	54	DStIS16	Combination	Min	1.1217	4.8346	146.4163	16.1761	0.7411	-0.6101
Base	14	54	DStIS17	Combination	Max	-2.7706	2.5286	104.5184	14.8317	-5.8502	-0.4894
Base	14	54	DStIS17	Combination	Min	-2.7706	2.5286	104.5184	14.8317	-5.8502	-0.4894
Base	14	54	DStIS18	Combination	Max	4.4749	2.5071	104.9764	14.8879	7.1028	-0.5023

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	54	DStIS18	Combination	Min	4.4749	2.5071	104.9764	14.8879	7.1028	-0.5023
Base	14	54	DStIS19	Combination	Max	0.9235	1.2083	104.9774	19.4874	0.7621	-0.58
Base	14	54	DStIS19	Combination	Min	0.9235	1.2083	104.9774	19.4874	0.7621	-0.58
Base	14	54	DStIS20	Combination	Max	0.7808	3.8274	104.5174	10.2322	0.4906	-0.4118
Base	14	54	DStIS20	Combination	Min	0.7808	3.8274	104.5174	10.2322	0.4906	-0.4118
Base	14	54	DStID1	Combination		0.8522	2.5179	104.7474	14.8598	0.6263	-0.4959
Base	14	54	DStID2	Combination		0.9221	3.3387	134.3551	29.7005	0.3887	-0.6832
Base	14	54	DConS1	Combination		1.193	3.525	146.6464	20.8037	0.8768	-0.6942
Base	14	54	DConS2	Combination		1.305	4.8384	194.0187	44.5488	0.4967	-0.9939
Base	14	54	DConS3	Combination		1.0047	4.665	160.9998	32.1101	0.2856	-0.6346
Base	14	54	DConS4	Combination		1.2084	3.3479	161.4524	39.1711	0.6473	-1.0051
Base	14	54	DConS5	Combination		1.0742	4.2933	146.3823	16.6848	0.6658	-0.4781
Base	14	54	DConS6	Combination		1.3118	2.7567	146.9104	24.9226	1.0878	-0.9104
Base	14	54	DConS7	Combination		0.7333	3.2862	104.4833	10.7409	0.4153	-0.2797
Base	14	54	DConS8	Combination		0.971	1.7495	105.0115	18.9787	0.8373	-0.712
Base	14	54	DConS9	Combination	Max	-1.9987	4.0157	161.0298	35.6165	-5.0848	-0.8143
Base	14	54	DConS9	Combination	Min	-1.9987	4.0157	161.0298	35.6165	-5.0848	-0.8143
Base	14	54	DConS10	Combination	Max	4.2118	3.9972	161.4224	35.6647	6.0178	-0.8254
Base	14	54	DConS10	Combination	Min	4.2118	3.9972	161.4224	35.6647	6.0178	-0.8254
Base	14	54	DConS11	Combination	Max	1.1677	2.884	161.4233	39.6071	0.5829	-0.8919
Base	14	54	DConS11	Combination	Min	1.1677	2.884	161.4233	39.6071	0.5829	-0.8919
Base	14	54	DConS12	Combination	Max	1.0454	5.129	161.0289	31.6741	0.3501	-0.7477
Base	14	54	DConS12	Combination	Min	1.0454	5.129	161.0289	31.6741	0.3501	-0.7477
Base	14	54	DConS13	Combination	Max	-2.4298	3.5358	146.4173	20.7756	-5.5997	-0.6878
Base	14	54	DConS13	Combination	Min	-2.4298	3.5358	146.4173	20.7756	-5.5997	-0.6878

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	54	DConS14	Combination	Max	4.8158	3.5142	146.8754	20.8318	7.3534	-0.7007
Base	14	54	DConS14	Combination	Min	4.8158	3.5142	146.8754	20.8318	7.3534	-0.7007
Base	14	54	DConS15	Combination	Max	1.2644	2.2154	146.8764	25.4313	1.0126	-0.7783
Base	14	54	DConS15	Combination	Min	1.2644	2.2154	146.8764	25.4313	1.0126	-0.7783
Base	14	54	DConS16	Combination	Max	1.1217	4.8346	146.4163	16.1761	0.7411	-0.6101
Base	14	54	DConS16	Combination	Min	1.1217	4.8346	146.4163	16.1761	0.7411	-0.6101
Base	14	54	DConS17	Combination	Max	-2.7706	2.5286	104.5184	14.8317	-5.8502	-0.4894
Base	14	54	DConS17	Combination	Min	-2.7706	2.5286	104.5184	14.8317	-5.8502	-0.4894
Base	14	54	DConS18	Combination	Max	4.4749	2.5071	104.9764	14.8879	7.1028	-0.5023
Base	14	54	DConS18	Combination	Min	4.4749	2.5071	104.9764	14.8879	7.1028	-0.5023
Base	14	54	DConS19	Combination	Max	0.9235	1.2083	104.9774	19.4874	0.7621	-0.58
Base	14	54	DConS19	Combination	Min	0.9235	1.2083	104.9774	19.4874	0.7621	-0.58
Base	14	54	DConS20	Combination	Max	0.7808	3.8274	104.5174	10.2322	0.4906	-0.4118
Base	14	54	DConS20	Combination	Min	0.7808	3.8274	104.5174	10.2322	0.4906	-0.4118
Base	14	54	DCmpD1	Combination		0.8522	2.5179	104.7474	14.8598	0.6263	-0.4959
Base	14	54	DCmpD2	Combination		0.9221	3.3387	134.3551	29.7005	0.3887	-0.6832
Base	14	54	DCmpS1	Combination		1.193	3.525	146.6464	20.8037	0.8768	-0.6942
Base	14	54	DCmpS2	Combination		1.305	4.8384	194.0187	44.5488	0.4967	-0.9939
Base	14	54	DCmpC1	Combination		1.193	3.525	146.6464	20.8037	0.8768	-0.6942
Base	15	55	Dead	LinStatic		-4.7102	2.4817	72.2492	9.8217	13.6123	-0.456
Base	15	55	Live	LinStatic		0.1328	-0.1259	14.5061	7.5449	10.3118	-0.1457
Base	15	55	WIND	LinStatic		-0.0748	3.5503	1.8896	-6.9084	-0.1459	0.1013
Base	15	55	EQX	LinStatic	Max	-1.999	0.0576	0.7948	-0.1024	-4.001	0.0056
Base	15	55	EQX	LinStatic	Min	-1.999	0.0576	0.7948	-0.1024	-4.001	0.0056
Base	15	55	EQY	LinStatic	Max	0.0381	-2.8202	-1.4904	5.4969	0.0891	-0.0322
Base	15	55	EQY	LinStatic	Min	0.0381	-2.8202	-1.4904	5.4969	0.0891	-0.0322
Base	15	55	DSlbS1	Combination		-6.5943	3.4744	101.1489	13.7503	19.0573	-0.6384
Base	15	55	DSlbS2	Combination		-6.3818	3.273	124.3587	25.8221	35.5561	-0.8715
Base	15	55	DSlbS3	Combination		-5.5827	7.0874	106.3739	12.5497	28.5338	-0.6005

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	15	55	DSlbS4	Combination		-5.4031	-1.4334	101.8389	29.13	28.884	-0.8436
Base	15	55	DSlbS5	Combination		-6.699	8.4448	103.7943	4.0785	18.853	-0.4966
Base	15	55	DSlbS6	Combination		-6.4896	-1.496	98.5035	23.4221	19.2615	-0.7802
Base	15	55	DSlbS7	Combination		-4.8149	7.4522	74.8946	0.1499	13.4081	-0.3142
Base	15	55	DSlbS8	Combination		-4.6055	-2.4887	69.6038	19.4935	13.8166	-0.5978
Base	15	55	DStIS1	Combination		-6.5943	3.4744	101.1489	13.7503	19.0573	-0.6384
Base	15	55	DStIS2	Combination		-6.3818	3.273	124.3587	25.8221	35.5561	-0.8715
Base	15	55	DStIS3	Combination		-5.5827	7.0874	106.3739	12.5497	28.5338	-0.6005
Base	15	55	DStIS4	Combination		-5.4031	-1.4334	101.8389	29.13	28.884	-0.8436
Base	15	55	DStIS5	Combination		-6.699	8.4448	103.7943	4.0785	18.853	-0.4966
Base	15	55	DStIS6	Combination		-6.4896	-1.496	98.5035	23.4221	19.2615	-0.7802
Base	15	55	DStIS7	Combination		-4.8149	7.4522	74.8946	0.1499	13.4081	-0.3142
Base	15	55	DStIS8	Combination		-4.6055	-2.4887	69.6038	19.4935	13.8166	-0.5978
Base	15	55	DStIS9	Combination	Max	-7.8917	2.8962	105.0601	20.717	23.9077	-0.7153
Base	15	55	DStIS9	Combination	Min	-7.8917	2.8962	105.0601	20.717	23.9077	-0.7153
Base	15	55	DStIS10	Combination	Max	-3.0941	2.7578	103.1527	20.9627	33.5101	-0.7288
Base	15	55	DStIS10	Combination	Min	-3.0941	2.7578	103.1527	20.9627	33.5101	-0.7288
Base	15	55	DStIS11	Combination	Max	-5.4471	-0.5572	102.3179	27.4361	28.8158	-0.7607
Base	15	55	DStIS11	Combination	Min	-5.4471	-0.5572	102.3179	27.4361	28.8158	-0.7607
Base	15	55	DStIS12	Combination	Max	-5.5387	6.2112	105.8949	14.2436	28.602	-0.6834
Base	15	55	DStIS12	Combination	Min	-5.5387	6.2112	105.8949	14.2436	28.602	-0.6834
Base	15	55	DStIS13	Combination	Max	-9.3929	3.5551	102.2616	13.6069	13.4558	-0.6305
Base	15	55	DStIS13	Combination	Min	-9.3929	3.5551	102.2616	13.6069	13.4558	-0.6305
Base	15	55	DStIS14	Combination	Max	-3.7957	3.3937	100.0362	13.8937	24.6587	-0.6463
Base	15	55	DStIS14	Combination	Min	-3.7957	3.3937	100.0362	13.8937	24.6587	-0.6463
Base	15	55	DStIS15	Combination	Max	-6.5409	-0.4738	99.0623	21.4459	19.182	-0.6835
Base	15	55	DStIS15	Combination	Min	-6.5409	-0.4738	99.0623	21.4459	19.182	-0.6835
Base	15	55	DStIS16	Combination	Max	-6.6477	7.4227	103.2355	6.0547	18.9325	-0.5933
Base	15	55	DStIS16	Combination	Min	-6.6477	7.4227	103.2355	6.0547	18.9325	-0.5933
Base	15	55	DStIS17	Combination	Max	-7.5088	2.5624	73.3619	9.6783	8.0109	-0.4481

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	15	55	DStIS17	Combination	Min	-7.5088	2.5624	73.3619	9.6783	8.0109	-0.4481
Base	15	55	DStIS18	Combination	Max	-1.9116	2.401	71.1365	9.965	19.2138	-0.4639
Base	15	55	DStIS18	Combination	Min	-1.9116	2.401	71.1365	9.965	19.2138	-0.4639
Base	15	55	DStIS19	Combination	Max	-4.6568	-1.4665	70.1626	17.5173	13.7371	-0.5011
Base	15	55	DStIS19	Combination	Min	-4.6568	-1.4665	70.1626	17.5173	13.7371	-0.5011
Base	15	55	DStIS20	Combination	Max	-4.7636	6.43	74.3358	2.126	13.4876	-0.4109
Base	15	55	DStIS20	Combination	Min	-4.7636	6.43	74.3358	2.126	13.4876	-0.4109
Base	15	55	DStID1	Combination		-4.7102	2.4817	72.2492	9.8217	13.6123	-0.456
Base	15	55	DStID2	Combination		-4.5774	2.3558	86.7553	17.3665	23.9241	-0.6017
Base	15	55	DConS1	Combination		-6.5943	3.4744	101.1489	13.7503	19.0573	-0.6384
Base	15	55	DConS2	Combination		-6.3818	3.273	124.3587	25.8221	35.5561	-0.8715
Base	15	55	DConS3	Combination		-5.5827	7.0874	106.3739	12.5497	28.5338	-0.6005
Base	15	55	DConS4	Combination		-5.4031	-1.4334	101.8389	29.13	28.884	-0.8436
Base	15	55	DConS5	Combination		-6.699	8.4448	103.7943	4.0785	18.853	-0.4966
Base	15	55	DConS6	Combination		-6.4896	-1.496	98.5035	23.4221	19.2615	-0.7802
Base	15	55	DConS7	Combination		-4.8149	7.4522	74.8946	0.1499	13.4081	-0.3142
Base	15	55	DConS8	Combination		-4.6055	-2.4887	69.6038	19.4935	13.8166	-0.5978
Base	15	55	DConS9	Combination	Max	-7.8917	2.8962	105.0601	20.717	23.9077	-0.7153
Base	15	55	DConS9	Combination	Min	-7.8917	2.8962	105.0601	20.717	23.9077	-0.7153
Base	15	55	DConS10	Combination	Max	-3.0941	2.7578	103.1527	20.9627	33.5101	-0.7288
Base	15	55	DConS10	Combination	Min	-3.0941	2.7578	103.1527	20.9627	33.5101	-0.7288
Base	15	55	DConS11	Combination	Max	-5.4471	-0.5572	102.3179	27.4361	28.8158	-0.7607
Base	15	55	DConS11	Combination	Min	-5.4471	-0.5572	102.3179	27.4361	28.8158	-0.7607
Base	15	55	DConS12	Combination	Max	-5.5387	6.2112	105.8949	14.2436	28.602	-0.6834
Base	15	55	DConS12	Combination	Min	-5.5387	6.2112	105.8949	14.2436	28.602	-0.6834
Base	15	55	DConS13	Combination	Max	-9.3929	3.5551	102.2616	13.6069	13.4558	-0.6305
Base	15	55	DConS13	Combination	Min	-9.3929	3.5551	102.2616	13.6069	13.4558	-0.6305
Base	15	55	DConS14	Combination	Max	-3.7957	3.3937	100.0362	13.8937	24.6587	-0.6463
Base	15	55	DConS14	Combination	Min	-3.7957	3.3937	100.0362	13.8937	24.6587	-0.6463
Base	15	55	DConS15	Combination	Max	-6.5409	-0.4738	99.0623	21.4459	19.182	-0.6835
Base	15	55	DConS15	Combination	Min	-6.5409	-0.4738	99.0623	21.4459	19.182	-0.6835
Base	15	55	DConS16	Combination	Max	-6.6477	7.4227	103.2355	6.0547	18.9325	-0.5933

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	15	55	DConS16	Combination	Min	-6.6477	7.4227	103.2355	6.0547	18.9325	-0.5933
Base	15	55	DConS17	Combination	Max	-7.5088	2.5624	73.3619	9.6783	8.0109	-0.4481
Base	15	55	DConS17	Combination	Min	-7.5088	2.5624	73.3619	9.6783	8.0109	-0.4481
Base	15	55	DConS18	Combination	Max	-1.9116	2.401	71.1365	9.965	19.2138	-0.4639
Base	15	55	DConS18	Combination	Min	-1.9116	2.401	71.1365	9.965	19.2138	-0.4639
Base	15	55	DConS19	Combination	Max	-4.6568	-1.4665	70.1626	17.5173	13.7371	-0.5011
Base	15	55	DConS19	Combination	Min	-4.6568	-1.4665	70.1626	17.5173	13.7371	-0.5011
Base	15	55	DConS20	Combination	Max	-4.7636	6.43	74.3358	2.126	13.4876	-0.4109
Base	15	55	DConS20	Combination	Min	-4.7636	6.43	74.3358	2.126	13.4876	-0.4109
Base	15	55	DCmpD1	Combination		-4.7102	2.4817	72.2492	9.8217	13.6123	-0.456
Base	15	55	DCmpD2	Combination		-4.5774	2.3558	86.7553	17.3665	23.9241	-0.6017
Base	15	55	DCmpS1	Combination		-6.5943	3.4744	101.1489	13.7503	19.0573	-0.6384
Base	15	55	DCmpS2	Combination		-6.3818	3.273	124.3587	25.8221	35.5561	-0.8715
Base	15	55	DCmpC1	Combination		-6.5943	3.4744	101.1489	13.7503	19.0573	-0.6384
Base	16	56	Dead	LinStatic		-0.0357	0.0999	176.7995	-0.7983	29.6983	-0.033
Base	16	56	Live	LinStatic		0.1854	0.137	30.1547	-0.6951	23.2307	-0.0104
Base	16	56	WIND	LinStatic		0.0214	4.4182	-2.0562	-7.8097	0.0692	-0.0775
Base	16	56	EQX	LinStatic	Max	-0.5939	0.0693	0.037	-0.0876	-2.3268	-0.0743
Base	16	56	EQX	LinStatic	Min	-0.5939	0.0693	0.037	-0.0876	-2.3268	-0.0743
Base	16	56	EQY	LinStatic	Max	-0.0442	-3.5732	1.3133	6.2773	-0.1059	0.0483
Base	16	56	EQY	LinStatic	Min	-0.0442	-3.5732	1.3133	6.2773	-0.1059	0.0483
Base	16	56	DSlS1	Combination		-0.05	0.1399	247.5193	-1.1177	41.5776	-0.0462
Base	16	56	DSlS2	Combination		0.2466	0.3591	295.7668	-2.2299	78.7467	-0.0629
Base	16	56	DSlS3	Combination		0.2053	5.5861	245.8776	-11.1638	63.5978	-0.1451
Base	16	56	DSlS4	Combination		0.1539	-5.0176	250.8125	7.5794	63.4318	0.0408
Base	16	56	DSlS5	Combination		-0.02	6.3253	244.6405	-12.0512	41.6744	-0.1547
Base	16	56	DSlS6	Combination		-0.08	-6.0456	250.398	9.8159	41.4808	0.0622
Base	16	56	DSlS7	Combination		-0.0058	6.2854	173.9208	-11.7319	29.7951	-0.1415
Base	16	56	DSlS8	Combination		-0.0657	-6.0856	179.6782	10.1352	29.6014	0.0754
Base	16	56	DStIS1	Combination		-0.05	0.1399	247.5193	-1.1177	41.5776	-0.0462
Base	16	56	DStIS2	Combination		0.2466	0.3591	295.7668	-2.2299	78.7467	-0.0629
Base	16	56	DStIS3	Combination		0.2053	5.5861	245.8776	-11.1638	63.5978	-0.1451
Base	16	56	DStIS4	Combination		0.1539	-5.0176	250.8125	7.5794	63.4318	0.0408

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	16	56	DStIS5	Combination		-0.02	6.3253	244.6405	-12.0512	41.6744	-0.1547
Base	16	56	DStIS6	Combination		-0.08	-6.0456	250.398	9.8159	41.4808	0.0622
Base	16	56	DStIS7	Combination		-0.0058	6.2854	173.9208	-11.7319	29.7951	-0.1415
Base	16	56	DStIS8	Combination		-0.0657	-6.0856	179.6782	10.1352	29.6014	0.0754
Base	16	56	DStIS9	Combination	Max	-0.5331	0.3674	248.3895	-1.8973	60.7226	-0.1413
Base	16	56	DStIS9	Combination	Min	-0.5331	0.3674	248.3895	-1.8973	60.7226	-0.1413
Base	16	56	DStIS10	Combination	Max	0.8923	0.2011	248.3006	-1.687	66.3069	0.037
Base	16	56	DStIS10	Combination	Min	0.8923	0.2011	248.3006	-1.687	66.3069	0.037
Base	16	56	DStIS11	Combination	Max	0.1266	-4.0036	249.9211	5.7406	63.3877	0.0059
Base	16	56	DStIS11	Combination	Min	0.1266	-4.0036	249.9211	5.7406	63.3877	0.0059
Base	16	56	DStIS12	Combination	Max	0.2326	4.5721	246.769	-9.3249	63.6418	-0.1102
Base	16	56	DStIS12	Combination	Min	0.2326	4.5721	246.769	-9.3249	63.6418	-0.1102
Base	16	56	DStIS13	Combination	Max	-0.8815	0.2368	247.5711	-1.2404	38.3201	-0.1503
Base	16	56	DStIS13	Combination	Min	-0.8815	0.2368	247.5711	-1.2404	38.3201	-0.1503
Base	16	56	DStIS14	Combination	Max	0.7815	0.0429	247.4674	-0.995	44.8351	0.0578
Base	16	56	DStIS14	Combination	Min	0.7815	0.0429	247.4674	-0.995	44.8351	0.0578
Base	16	56	DStIS15	Combination	Max	-0.1118	-4.8627	249.3579	7.6705	41.4293	0.0214
Base	16	56	DStIS15	Combination	Min	-0.1118	-4.8627	249.3579	7.6705	41.4293	0.0214
Base	16	56	DStIS16	Combination	Max	0.0118	5.1424	245.6806	-9.9059	41.7258	-0.1139
Base	16	56	DStIS16	Combination	Min	0.0118	5.1424	245.6806	-9.9059	41.7258	-0.1139
Base	16	56	DStIS17	Combination	Max	-0.8672	0.1969	176.8513	-0.921	26.4408	-0.1371
Base	16	56	DStIS17	Combination	Min	-0.8672	0.1969	176.8513	-0.921	26.4408	-0.1371
Base	16	56	DStIS18	Combination	Max	0.7957	0.0029	176.7476	-0.6757	32.9558	0.071
Base	16	56	DStIS18	Combination	Min	0.7957	0.0029	176.7476	-0.6757	32.9558	0.071
Base	16	56	DStIS19	Combination	Max	-0.0976	-4.9026	178.6381	7.9899	29.55	0.0347
Base	16	56	DStIS19	Combination	Min	-0.0976	-4.9026	178.6381	7.9899	29.55	0.0347
Base	16	56	DStIS20	Combination	Max	0.0261	5.1024	174.9608	-9.5866	29.8465	-0.1007

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	16	56	DStIS20	Combination	Min	0.0261	5.1024	174.9608	-9.5866	29.8465	-0.1007
Base	16	56	DStID1	Combination		-0.0357	0.0999	176.7995	-0.7983	29.6983	-0.033
Base	16	56	DStID2	Combination		0.1497	0.2369	206.9542	-1.4935	52.929	-0.0435
Base	16	56	DConS1	Combination		-0.05	0.1399	247.5193	-1.1177	41.5776	-0.0462
Base	16	56	DConS2	Combination		0.2466	0.3591	295.7668	-2.2299	78.7467	-0.0629
Base	16	56	DConS3	Combination		0.2053	5.5861	245.8776	-11.1638	63.5978	-0.1451
Base	16	56	DConS4	Combination		0.1539	-5.0176	250.8125	7.5794	63.4318	0.0408
Base	16	56	DConS5	Combination		-0.02	6.3253	244.6405	-12.0512	41.6744	-0.1547
Base	16	56	DConS6	Combination		-0.08	-6.0456	250.398	9.8159	41.4808	0.0622
Base	16	56	DConS7	Combination		-0.0058	6.2854	173.9208	-11.7319	29.7951	-0.1415
Base	16	56	DConS8	Combination		-0.0657	-6.0856	179.6782	10.1352	29.6014	0.0754
Base	16	56	DConS9	Combination	Max	-0.5331	0.3674	248.3895	-1.8973	60.7226	-0.1413
Base	16	56	DConS9	Combination	Min	-0.5331	0.3674	248.3895	-1.8973	60.7226	-0.1413
Base	16	56	DConS10	Combination	Max	0.8923	0.2011	248.3006	-1.687	66.3069	0.037
Base	16	56	DConS10	Combination	Min	0.8923	0.2011	248.3006	-1.687	66.3069	0.037
Base	16	56	DConS11	Combination	Max	0.1266	-4.0036	249.9211	5.7406	63.3877	0.0059
Base	16	56	DConS11	Combination	Min	0.1266	-4.0036	249.9211	5.7406	63.3877	0.0059
Base	16	56	DConS12	Combination	Max	0.2326	4.5721	246.769	-9.3249	63.6418	-0.1102
Base	16	56	DConS12	Combination	Min	0.2326	4.5721	246.769	-9.3249	63.6418	-0.1102
Base	16	56	DConS13	Combination	Max	-0.8815	0.2368	247.5711	-1.2404	38.3201	-0.1503
Base	16	56	DConS13	Combination	Min	-0.8815	0.2368	247.5711	-1.2404	38.3201	-0.1503
Base	16	56	DConS14	Combination	Max	0.7815	0.0429	247.4674	-0.995	44.8351	0.0578
Base	16	56	DConS14	Combination	Min	0.7815	0.0429	247.4674	-0.995	44.8351	0.0578
Base	16	56	DConS15	Combination	Max	-0.1118	-4.8627	249.3579	7.6705	41.4293	0.0214
Base	16	56	DConS15	Combination	Min	-0.1118	-4.8627	249.3579	7.6705	41.4293	0.0214
Base	16	56	DConS16	Combination	Max	0.0118	5.1424	245.6806	-9.9059	41.7258	-0.1139
Base	16	56	DConS16	Combination	Min	0.0118	5.1424	245.6806	-9.9059	41.7258	-0.1139

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	16	56	DConS17	Combination	Max	-0.8672	0.1969	176.8513	-0.921	26.4408	-0.1371
Base	16	56	DConS17	Combination	Min	-0.8672	0.1969	176.8513	-0.921	26.4408	-0.1371
Base	16	56	DConS18	Combination	Max	0.7957	0.0029	176.7476	-0.6757	32.9558	0.071
Base	16	56	DConS18	Combination	Min	0.7957	0.0029	176.7476	-0.6757	32.9558	0.071
Base	16	56	DConS19	Combination	Max	-0.0976	-4.9026	178.6381	7.9899	29.55	0.0347
Base	16	56	DConS19	Combination	Min	-0.0976	-4.9026	178.6381	7.9899	29.55	0.0347
Base	16	56	DConS20	Combination	Max	0.0261	5.1024	174.9608	-9.5866	29.8465	-0.1007
Base	16	56	DConS20	Combination	Min	0.0261	5.1024	174.9608	-9.5866	29.8465	-0.1007
Base	16	56	DCmpD1	Combination		-0.0357	0.0999	176.7995	-0.7983	29.6983	-0.033
Base	16	56	DCmpD2	Combination		0.1497	0.2369	206.9542	-1.4935	52.929	-0.0435
Base	16	56	DCmpS1	Combination		-0.05	0.1399	247.5193	-1.1177	41.5776	-0.0462
Base	16	56	DCmpS2	Combination		0.2466	0.3591	295.7668	-2.2299	78.7467	-0.0629
Base	16	56	DCmpC1	Combination		-0.05	0.1399	247.5193	-1.1177	41.5776	-0.0462
Base	17	57	Dead	LinStatic		-1.5779	0.7116	185.5244	-0.5711	27.1251	0.2585
Base	17	57	Live	LinStatic		0.1733	0.11	30.1431	0.2819	23.1245	0.0724
Base	17	57	WIND	LinStatic		0.239	4.4446	1.8998	-7.9182	0.339	0.0848
Base	17	57	EQX	LinStatic	Max	-0.9196	0.0718	1.8704	-0.1155	-1.6317	-0.0086
Base	17	57	EQX	LinStatic	Min	-0.9196	0.0718	1.8704	-0.1155	-1.6317	-0.0086
Base	17	57	EQY	LinStatic	Max	-0.172	-3.5848	-1.2014	6.3584	-0.2456	-0.0621
Base	17	57	EQY	LinStatic	Min	-0.172	-3.5848	-1.2014	6.3584	-0.2456	-0.0621
Base	17	57	DSlbS1	Combination		-2.209	0.9963	259.7342	-0.7995	37.9752	0.3619
Base	17	57	DSlbS2	Combination		-1.9318	1.1723	307.9631	-0.3485	74.9744	0.4777
Base	17	57	DSlbS3	Combination		-1.3987	6.3195	261.0807	-9.8489	60.7063	0.4988
Base	17	57	DSlbS4	Combination		-1.9724	-4.3475	256.5213	9.1549	59.8928	0.2953
Base	17	57	DSlbS5	Combination		-1.8744	7.2187	262.3938	-11.885	38.4497	0.4806
Base	17	57	DSlbS6	Combination		-2.5437	-5.2262	257.0745	10.286	37.5006	0.2431
Base	17	57	DSlbS7	Combination		-1.2432	6.9341	188.1841	-11.6566	27.5997	0.3772
Base	17	57	DSlbS8	Combination		-1.9125	-5.5108	182.8648	10.5145	26.6505	0.1397

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	17	57	DStIS1	Combination		-2.209	0.9963	259.7342	-0.7995	37.9752	0.3619
Base	17	57	DStIS2	Combination		-1.9318	1.1723	307.9631	-0.3485	74.9744	0.4777
Base	17	57	DStIS3	Combination		-1.3987	6.3195	261.0807	-9.8489	60.7063	0.4988
Base	17	57	DStIS4	Combination		-1.9724	-4.3475	256.5213	9.1549	59.8928	0.2953
Base	17	57	DStIS5	Combination		-1.8744	7.2187	262.3938	-11.885	38.4497	0.4806
Base	17	57	DStIS6	Combination		-2.5437	-5.2262	257.0745	10.286	37.5006	0.2431
Base	17	57	DStIS7	Combination		-1.2432	6.9341	188.1841	-11.6566	27.5997	0.3772
Base	17	57	DStIS8	Combination		-1.9125	-5.5108	182.8648	10.5145	26.6505	0.1397
Base	17	57	DStIS9	Combination	Max	-2.789	1.0722	261.0455	-0.4856	58.3415	0.3867
Base	17	57	DStIS9	Combination	Min	-2.789	1.0722	261.0455	-0.4856	58.3415	0.3867
Base	17	57	DStIS10	Combination	Max	-0.582	0.8998	256.5565	-0.2084	62.2577	0.4074
Base	17	57	DStIS10	Combination	Min	-0.582	0.8998	256.5565	-0.2084	62.2577	0.4074
Base	17	57	DStIS11	Combination	Max	-1.8919	-3.3157	257.3593	7.2831	60.0048	0.3225
Base	17	57	DStIS11	Combination	Min	-1.8919	-3.3157	257.3593	7.2831	60.0048	0.3225
Base	17	57	DStIS12	Combination	Max	-1.4791	5.2877	260.2427	-7.9771	60.5943	0.4716
Base	17	57	DStIS12	Combination	Min	-1.4791	5.2877	260.2427	-7.9771	60.5943	0.4716
Base	17	57	DStIS13	Combination	Max	-3.4965	1.0968	262.3528	-0.9612	35.6907	0.3498
Base	17	57	DStIS13	Combination	Min	-3.4965	1.0968	262.3528	-0.9612	35.6907	0.3498
Base	17	57	DStIS14	Combination	Max	-0.9216	0.8957	257.1156	-0.6378	40.2596	0.374
Base	17	57	DStIS14	Combination	Min	-0.9216	0.8957	257.1156	-0.6378	40.2596	0.374
Base	17	57	DStIS15	Combination	Max	-2.4499	-4.0224	258.0522	8.1023	37.6313	0.2749
Base	17	57	DStIS15	Combination	Min	-2.4499	-4.0224	258.0522	8.1023	37.6313	0.2749
Base	17	57	DStIS16	Combination	Max	-1.9682	6.0149	261.4162	-9.7013	38.319	0.4488
Base	17	57	DStIS16	Combination	Min	-1.9682	6.0149	261.4162	-9.7013	38.319	0.4488
Base	17	57	DStIS17	Combination	Max	-2.8653	0.8122	188.143	-0.7327	24.8407	0.2464
Base	17	57	DStIS17	Combination	Min	-2.8653	0.8122	188.143	-0.7327	24.8407	0.2464

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	17	57	DStIS18	Combination	Max	-0.2905	0.6111	182.9058	-0.4094	29.4096	0.2706
Base	17	57	DStIS18	Combination	Min	-0.2905	0.6111	182.9058	-0.4094	29.4096	0.2706
Base	17	57	DStIS19	Combination	Max	-1.8187	-4.307	183.8424	8.3308	26.7812	0.1715
Base	17	57	DStIS19	Combination	Min	-1.8187	-4.307	183.8424	8.3308	26.7812	0.1715
Base	17	57	DStIS20	Combination	Max	-1.3371	5.7303	187.2064	-9.4729	27.469	0.3454
Base	17	57	DStIS20	Combination	Min	-1.3371	5.7303	187.2064	-9.4729	27.469	0.3454
Base	17	57	DStID1	Combination		-1.5779	0.7116	185.5244	-0.5711	27.1251	0.2585
Base	17	57	DStID2	Combination		-1.4046	0.8217	215.6675	-0.2892	50.2496	0.3309
Base	17	57	DConS1	Combination		-2.209	0.9963	259.7342	-0.7995	37.9752	0.3619
Base	17	57	DConS2	Combination		-1.9318	1.1723	307.9631	-0.3485	74.9744	0.4777
Base	17	57	DConS3	Combination		-1.3987	6.3195	261.0807	-9.8489	60.7063	0.4988
Base	17	57	DConS4	Combination		-1.9724	-4.3475	256.5213	9.1549	59.8928	0.2953
Base	17	57	DConS5	Combination		-1.8744	7.2187	262.3938	-11.885	38.4497	0.4806
Base	17	57	DConS6	Combination		-2.5437	-5.2262	257.0745	10.286	37.5006	0.2431
Base	17	57	DConS7	Combination		-1.2432	6.9341	188.1841	-11.6566	27.5997	0.3772
Base	17	57	DConS8	Combination		-1.9125	-5.5108	182.8648	10.5145	26.6505	0.1397
Base	17	57	DConS9	Combination	Max	-2.789	1.0722	261.0455	-0.4856	58.3415	0.3867
Base	17	57	DConS9	Combination	Min	-2.789	1.0722	261.0455	-0.4856	58.3415	0.3867
Base	17	57	DConS10	Combination	Max	-0.582	0.8998	256.5565	-0.2084	62.2577	0.4074
Base	17	57	DConS10	Combination	Min	-0.582	0.8998	256.5565	-0.2084	62.2577	0.4074
Base	17	57	DConS11	Combination	Max	-1.8919	-3.3157	257.3593	7.2831	60.0048	0.3225
Base	17	57	DConS11	Combination	Min	-1.8919	-3.3157	257.3593	7.2831	60.0048	0.3225
Base	17	57	DConS12	Combination	Max	-1.4791	5.2877	260.2427	-7.9771	60.5943	0.4716
Base	17	57	DConS12	Combination	Min	-1.4791	5.2877	260.2427	-7.9771	60.5943	0.4716
Base	17	57	DConS13	Combination	Max	-3.4965	1.0968	262.3528	-0.9612	35.6907	0.3498

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	17	57	DConS13	Combination	Min	-3.4965	1.0968	262.3528	-0.9612	35.6907	0.3498
Base	17	57	DConS14	Combination	Max	-0.9216	0.8957	257.1156	-0.6378	40.2596	0.374
Base	17	57	DConS14	Combination	Min	-0.9216	0.8957	257.1156	-0.6378	40.2596	0.374
Base	17	57	DConS15	Combination	Max	-2.4499	-4.0224	258.0522	8.1023	37.6313	0.2749
Base	17	57	DConS15	Combination	Min	-2.4499	-4.0224	258.0522	8.1023	37.6313	0.2749
Base	17	57	DConS16	Combination	Max	-1.9682	6.0149	261.4162	-9.7013	38.319	0.4488
Base	17	57	DConS16	Combination	Min	-1.9682	6.0149	261.4162	-9.7013	38.319	0.4488
Base	17	57	DConS17	Combination	Max	-2.8653	0.8122	188.143	-0.7327	24.8407	0.2464
Base	17	57	DConS17	Combination	Min	-2.8653	0.8122	188.143	-0.7327	24.8407	0.2464
Base	17	57	DConS18	Combination	Max	-0.2905	0.6111	182.9058	-0.4094	29.4096	0.2706
Base	17	57	DConS18	Combination	Min	-0.2905	0.6111	182.9058	-0.4094	29.4096	0.2706
Base	17	57	DConS19	Combination	Max	-1.8187	-4.307	183.8424	8.3308	26.7812	0.1715
Base	17	57	DConS19	Combination	Min	-1.8187	-4.307	183.8424	8.3308	26.7812	0.1715
Base	17	57	DConS20	Combination	Max	-1.3371	5.7303	187.2064	-9.4729	27.469	0.3454
Base	17	57	DConS20	Combination	Min	-1.3371	5.7303	187.2064	-9.4729	27.469	0.3454
Base	17	57	DCmpD1	Combination		-1.5779	0.7116	185.5244	-0.5711	27.1251	0.2585
Base	17	57	DCmpD2	Combination		-1.4046	0.8217	215.6675	-0.2892	50.2496	0.3309
Base	17	57	DCmpS1	Combination		-2.209	0.9963	259.7342	-0.7995	37.9752	0.3619
Base	17	57	DCmpS2	Combination		-1.9318	1.1723	307.9631	-0.3485	74.9744	0.4777
Base	17	57	DCmpC1	Combination		-2.209	0.9963	259.7342	-0.7995	37.9752	0.3619
Base	18	58	Dead	LinStatic		-4.9823	-2.0527	71.9205	-10.7868	13.1813	0.3141
Base	18	58	Live	LinStatic		0.0778	0.2788	14.3981	-7.8734	10.217	0.1089
Base	18	58	WIND	LinStatic		-0.036	3.5555	-1.9078	-6.8978	-0.0504	0.1583
Base	18	58	EQX	LinStatic	Max	-2.0412	0.0622	0.7619	-0.1353	-4.0226	0.1006
Base	18	58	EQX	LinStatic	Min	-2.0412	0.0622	0.7619	-0.1353	-4.0226	0.1006
Base	18	58	EQY	LinStatic	Max	0.0141	-2.8842	1.4591	5.5501	0.0321	-0.1164
Base	18	58	EQY	LinStatic	Min	0.0141	-2.8842	1.4591	5.5501	0.0321	-0.1164
Base	18	58	DSlbS1	Combination		-6.9752	-2.8738	100.6887	-15.1015	18.4539	0.4398
Base	18	58	DSlbS2	Combination		-6.8508	-2.4277	123.7256	-27.6989	34.8011	0.6141
Base	18	58	DSlbS3	Combination		-5.9286	2.1379	101.2929	-30.6696	28.0176	0.6976

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	18	58	DSIbS4	Combination		-5.8422	-6.3953	105.8716	-14.1148	28.1385	0.3177
Base	18	58	DSIbS5	Combination		-7.0256	2.1039	98.0178	-24.7584	18.3833	0.6614
Base	18	58	DSIbS6	Combination		-6.9248	-7.8515	103.3595	-5.4445	18.5245	0.2182
Base	18	58	DSIbS7	Combination		-5.0327	2.925	69.2496	-20.4437	13.1108	0.5357
Base	18	58	DSIbS8	Combination		-4.9319	-7.0304	74.5913	-1.1298	13.2519	0.0925
Base	18	58	DStIS1	Combination		-6.9752	-2.8738	100.6887	-15.1015	18.4539	0.4398
Base	18	58	DStIS2	Combination		-6.8508	-2.4277	123.7256	-27.6989	34.8011	0.6141
Base	18	58	DStIS3	Combination		-5.9286	2.1379	101.2929	-30.6696	28.0176	0.6976
Base	18	58	DStIS4	Combination		-5.8422	-6.3953	105.8716	-14.1148	28.1385	0.3177
Base	18	58	DStIS5	Combination		-7.0256	2.1039	98.0178	-24.7584	18.3833	0.6614
Base	18	58	DStIS6	Combination		-6.9248	-7.8515	103.3595	-5.4445	18.5245	0.2182
Base	18	58	DStIS7	Combination		-5.0327	2.925	69.2496	-20.4437	13.1108	0.5357
Base	18	58	DStIS8	Combination		-4.9319	-7.0304	74.5913	-1.1298	13.2519	0.0925
Base	18	58	DStIS9	Combination	Max	-8.3348	-2.0541	104.4966	-22.5546	23.2509	0.6284
Base	18	58	DStIS9	Combination	Min	-8.3348	-2.0541	104.4966	-22.5546	23.2509	0.6284
Base	18	58	DStIS10	Combination	Max	-3.436	-2.2034	102.6679	-22.2298	32.9052	0.3869
Base	18	58	DStIS10	Combination	Min	-3.436	-2.2034	102.6679	-22.2298	32.9052	0.3869
Base	18	58	DStIS11	Combination	Max	-5.8685	-5.5897	105.3331	-15.7321	28.1165	0.368
Base	18	58	DStIS11	Combination	Min	-5.8685	-5.5897	105.3331	-15.7321	28.1165	0.368
Base	18	58	DStIS12	Combination	Max	-5.9024	1.3323	101.8314	-29.0523	28.0396	0.6474
Base	18	58	DStIS12	Combination	Min	-5.9024	1.3323	101.8314	-29.0523	28.0396	0.6474
Base	18	58	DStIS13	Combination	Max	-9.8329	-2.7867	101.7554	-15.2909	12.8222	0.5806
Base	18	58	DStIS13	Combination	Min	-9.8329	-2.7867	101.7554	-15.2909	12.8222	0.5806
Base	18	58	DStIS14	Combination	Max	-4.1175	-2.9609	99.6219	-14.912	24.0856	0.2989
Base	18	58	DStIS14	Combination	Min	-4.1175	-2.9609	99.6219	-14.912	24.0856	0.2989
Base	18	58	DStIS15	Combination	Max	-6.9554	-6.9116	102.7313	-7.3313	18.4988	0.2768
Base	18	58	DStIS15	Combination	Min	-6.9554	-6.9116	102.7313	-7.3313	18.4988	0.2768
Base	18	58	DStIS16	Combination	Max	-6.995	1.1641	98.646	-22.8716	18.409	0.6028
Base	18	58	DStIS16	Combination	Min	-6.995	1.1641	98.646	-22.8716	18.409	0.6028
Base	18	58	DStIS17	Combination	Max	-7.8399	-1.9656	72.9872	-10.9762	7.5497	0.455
Base	18	58	DStIS17	Combination	Min	-7.8399	-1.9656	72.9872	-10.9762	7.5497	0.455
Base	18	58	DStIS18	Combination	Max	-2.1246	-2.1398	70.8537	-10.5973	18.813	0.1733

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	18	58	DStIS18	Combination	Min	-2.1246	-2.1398	70.8537	-10.5973	18.813	0.1733
Base	18	58	DStIS19	Combination	Max	-4.9625	-6.0906	73.9632	-3.0166	13.2263	0.1511
Base	18	58	DStIS19	Combination	Min	-4.9625	-6.0906	73.9632	-3.0166	13.2263	0.1511
Base	18	58	DStIS20	Combination	Max	-5.0021	1.9852	69.8778	-18.5569	13.1364	0.4771
Base	18	58	DStIS20	Combination	Min	-5.0021	1.9852	69.8778	-18.5569	13.1364	0.4771
Base	18	58	DStID1	Combination		-4.9823	-2.0527	71.9205	-10.7868	13.1813	0.3141
Base	18	58	DStID2	Combination		-4.9045	-1.7739	86.3186	-18.6602	23.3984	0.4231
Base	18	58	DConS1	Combination		-6.9752	-2.8738	100.6887	-15.1015	18.4539	0.4398
Base	18	58	DConS2	Combination		-6.8508	-2.4277	123.7256	-27.6989	34.8011	0.6141
Base	18	58	DConS3	Combination		-5.9286	2.1379	101.2929	-30.6696	28.0176	0.6976
Base	18	58	DConS4	Combination		-5.8422	-6.3953	105.8716	-14.1148	28.1385	0.3177
Base	18	58	DConS5	Combination		-7.0256	2.1039	98.0178	-24.7584	18.3833	0.6614
Base	18	58	DConS6	Combination		-6.9248	-7.8515	103.3595	-5.4445	18.5245	0.2182
Base	18	58	DConS7	Combination		-5.0327	2.925	69.2496	-20.4437	13.1108	0.5357
Base	18	58	DConS8	Combination		-4.9319	-7.0304	74.5913	-1.1298	13.2519	0.0925
Base	18	58	DConS9	Combination	Max	-8.3348	-2.0541	104.4966	-22.5546	23.2509	0.6284
Base	18	58	DConS9	Combination	Min	-8.3348	-2.0541	104.4966	-22.5546	23.2509	0.6284
Base	18	58	DConS10	Combination	Max	-3.436	-2.2034	102.6679	-22.2298	32.9052	0.3869
Base	18	58	DConS10	Combination	Min	-3.436	-2.2034	102.6679	-22.2298	32.9052	0.3869
Base	18	58	DConS11	Combination	Max	-5.8685	-5.5897	105.3331	-15.7321	28.1165	0.368
Base	18	58	DConS11	Combination	Min	-5.8685	-5.5897	105.3331	-15.7321	28.1165	0.368
Base	18	58	DConS12	Combination	Max	-5.9024	1.3323	101.8314	-29.0523	28.0396	0.6474
Base	18	58	DConS12	Combination	Min	-5.9024	1.3323	101.8314	-29.0523	28.0396	0.6474
Base	18	58	DConS13	Combination	Max	-9.8329	-2.7867	101.7554	-15.2909	12.8222	0.5806
Base	18	58	DConS13	Combination	Min	-9.8329	-2.7867	101.7554	-15.2909	12.8222	0.5806
Base	18	58	DConS14	Combination	Max	-4.1175	-2.9609	99.6219	-14.912	24.0856	0.2989
Base	18	58	DConS14	Combination	Min	-4.1175	-2.9609	99.6219	-14.912	24.0856	0.2989
Base	18	58	DConS15	Combination	Max	-6.9554	-6.9116	102.7313	-7.3313	18.4988	0.2768
Base	18	58	DConS15	Combination	Min	-6.9554	-6.9116	102.7313	-7.3313	18.4988	0.2768
Base	18	58	DConS16	Combination	Max	-6.995	1.1641	98.646	-22.8716	18.409	0.6028
Base	18	58	DConS16	Combination	Min	-6.995	1.1641	98.646	-22.8716	18.409	0.6028
Base	18	58	DConS17	Combination	Max	-7.8399	-1.9656	72.9872	-10.9762	7.5497	0.455
Base	18	58	DConS17	Combination	Min	-7.8399	-1.9656	72.9872	-10.9762	7.5497	0.455

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	18	58	DConS18	Combination	Max	-2.1246	-2.1398	70.8537	-10.5973	18.813	0.1733
Base	18	58	DConS18	Combination	Min	-2.1246	-2.1398	70.8537	-10.5973	18.813	0.1733
Base	18	58	DConS19	Combination	Max	-4.9625	-6.0906	73.9632	-3.0166	13.2263	0.1511
Base	18	58	DConS19	Combination	Min	-4.9625	-6.0906	73.9632	-3.0166	13.2263	0.1511
Base	18	58	DConS20	Combination	Max	-5.0021	1.9852	69.8778	-18.5569	13.1364	0.4771
Base	18	58	DConS20	Combination	Min	-5.0021	1.9852	69.8778	-18.5569	13.1364	0.4771
Base	18	58	DCmpD1	Combination		-4.9823	-2.0527	71.9205	-10.7868	13.1813	0.3141
Base	18	58	DCmpD2	Combination		-4.9045	-1.7739	86.3186	-18.6602	23.3984	0.4231
Base	18	58	DCmpS1	Combination		-6.9752	-2.8738	100.6887	-15.1015	18.4539	0.4398
Base	18	58	DCmpS2	Combination		-6.8508	-2.4277	123.7256	-27.6989	34.8011	0.6141
Base	18	58	DCmpC1	Combination		-6.9752	-2.8738	100.6887	-15.1015	18.4539	0.4398
Base	19	41	Dead	LinStatic		-5.285E-06	-4.229E-06	94.6956	0	0	0
Base	19	41	Live	LinStatic		-1.854E-06	-1.484E-06	61.0138	0	0	0
Base	19	41	WIND	LinStatic		-3.64E-06	-2.912E-06	-0.0007	0	0	0
Base	19	41	EQX	LinStatic	Max	-2.247E-06	-1.798E-06	0.0055	0	0	0
Base	19	41	EQX	LinStatic	Min	-2.247E-06	-1.798E-06	0.0055	0	0	0
Base	19	41	EQY	LinStatic	Max	2.615E-06	2.092E-06	0.0005	0	0	0
Base	19	41	EQY	LinStatic	Min	2.615E-06	2.092E-06	0.0005	0	0	0
Base	19	41	DSlbS1	Combination		-7.399E-06	-5.92E-06	132.5738	0	0	0
Base	19	41	DSlbS2	Combination		-1.037E-05	-8.294E-06	230.196	0	0	0
Base	19	41	DSlbS3	Combination		-1.293E-05	-1.035E-05	186.8505	0	0	0
Base	19	41	DSlbS4	Combination		-4.2E-06	-3.36E-06	186.8521	0	0	0
Base	19	41	DSlbS5	Combination		-1.249E-05	-9.997E-06	132.5729	0	0	0
Base	19	41	DSlbS6	Combination		-2.304E-06	-1.843E-06	132.5748	0	0	0
Base	19	41	DSlbS7	Combination		-1.038E-05	-8.305E-06	94.6946	0	0	0
Base	19	41	DSlbS8	Combination		0	0	94.6966	0	0	0
Base	19	41	DStlS1	Combination		-7.399E-06	-5.92E-06	132.5738	0	0	0
Base	19	41	DStlS2	Combination		-1.037E-05	-8.294E-06	230.196	0	0	0
Base	19	41	DStlS3	Combination		-1.293E-05	-1.035E-05	186.8505	0	0	0
Base	19	41	DStlS4	Combination		-4.2E-06	-3.36E-06	186.8521	0	0	0
Base	19	41	DStlS5	Combination		-1.249E-05	-9.997E-06	132.5729	0	0	0
Base	19	41	DStlS6	Combination		-2.304E-06	-1.843E-06	132.5748	0	0	0
Base	19	41	DStlS7	Combination		-1.038E-05	-8.305E-06	94.6946	0	0	0
Base	19	41	DStlS8	Combination		0	0	94.6966	0	0	0
Base	19	41	DStlS9	Combination	Max	-1.126E-05	-9.012E-06	186.8579	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	19	41	DStIS9	Combination	Min	-1.126E-05	-9.012E-06	186.8579	0	0	0
Base	19	41	DStIS10	Combination	Max	-5.871E-06	-4.697E-06	186.8447	0	0	0
Base	19	41	DStIS10	Combination	Min	-5.871E-06	-4.697E-06	186.8447	0	0	0
Base	19	41	DStIS11	Combination	Max	-5.429E-06	-4.344E-06	186.8519	0	0	0
Base	19	41	DStIS11	Combination	Min	-5.429E-06	-4.344E-06	186.8519	0	0	0
Base	19	41	DStIS12	Combination	Max	-1.171E-05	-9.366E-06	186.8507	0	0	0
Base	19	41	DStIS12	Combination	Min	-1.171E-05	-9.366E-06	186.8507	0	0	0
Base	19	41	DStIS13	Combination	Max	-1.055E-05	-8.437E-06	132.5816	0	0	0
Base	19	41	DStIS13	Combination	Min	-1.055E-05	-8.437E-06	132.5816	0	0	0
Base	19	41	DStIS14	Combination	Max	-4.253E-06	-3.403E-06	132.5661	0	0	0
Base	19	41	DStIS14	Combination	Min	-4.253E-06	-3.403E-06	132.5661	0	0	0
Base	19	41	DStIS15	Combination	Max	-3.738E-06	-2.991E-06	132.5746	0	0	0
Base	19	41	DStIS15	Combination	Min	-3.738E-06	-2.991E-06	132.5746	0	0	0
Base	19	41	DStIS16	Combination	Max	-1.106E-05	-8.85E-06	132.5731	0	0	0
Base	19	41	DStIS16	Combination	Min	-1.106E-05	-8.85E-06	132.5731	0	0	0
Base	19	41	DStIS17	Combination	Max	-8.431E-06	-6.746E-06	94.7033	0	0	0
Base	19	41	DStIS17	Combination	Min	-8.431E-06	-6.746E-06	94.7033	0	0	0
Base	19	41	DStIS18	Combination	Max	-2.139E-06	-1.712E-06	94.6879	0	0	0
Base	19	41	DStIS18	Combination	Min	-2.139E-06	-1.712E-06	94.6879	0	0	0
Base	19	41	DStIS19	Combination	Max	-1.624E-06	-1.299E-06	94.6963	0	0	0
Base	19	41	DStIS19	Combination	Min	-1.624E-06	-1.299E-06	94.6963	0	0	0
Base	19	41	DStIS20	Combination	Max	-8.946E-06	-7.158E-06	94.6949	0	0	0
Base	19	41	DStIS20	Combination	Min	-8.946E-06	-7.158E-06	94.6949	0	0	0
Base	19	41	DStID1	Combination		-5.285E-06	-4.229E-06	94.6956	0	0	0
Base	19	41	DStID2	Combination		-7.139E-06	-5.712E-06	155.7094	0	0	0
Base	19	41	DConS1	Combination		-7.399E-06	-5.92E-06	132.5738	0	0	0
Base	19	41	DConS2	Combination		-1.037E-05	-8.294E-06	230.196	0	0	0
Base	19	41	DConS3	Combination		-1.293E-05	-1.035E-05	186.8505	0	0	0
Base	19	41	DConS4	Combination		-4.2E-06	-3.36E-06	186.8521	0	0	0
Base	19	41	DConS5	Combination		-1.249E-05	-9.997E-06	132.5729	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	19	41	DConS6	Combination		-2.304E-06	-1.843E-06	132.5748	0	0	0
Base	19	41	DConS7	Combination		-1.038E-05	-8.305E-06	94.6946	0	0	0
Base	19	41	DConS8	Combination		0	0	94.6966	0	0	0
Base	19	41	DConS9	Combination	Max	-1.126E-05	-9.012E-06	186.8579	0	0	0
Base	19	41	DConS9	Combination	Min	-1.126E-05	-9.012E-06	186.8579	0	0	0
Base	19	41	DConS10	Combination	Max	-5.871E-06	-4.697E-06	186.8447	0	0	0
Base	19	41	DConS10	Combination	Min	-5.871E-06	-4.697E-06	186.8447	0	0	0
Base	19	41	DConS11	Combination	Max	-5.429E-06	-4.344E-06	186.8519	0	0	0
Base	19	41	DConS11	Combination	Min	-5.429E-06	-4.344E-06	186.8519	0	0	0
Base	19	41	DConS12	Combination	Max	-1.171E-05	-9.366E-06	186.8507	0	0	0
Base	19	41	DConS12	Combination	Min	-1.171E-05	-9.366E-06	186.8507	0	0	0
Base	19	41	DConS13	Combination	Max	-1.055E-05	-8.437E-06	132.5816	0	0	0
Base	19	41	DConS13	Combination	Min	-1.055E-05	-8.437E-06	132.5816	0	0	0
Base	19	41	DConS14	Combination	Max	-4.253E-06	-3.403E-06	132.5661	0	0	0
Base	19	41	DConS14	Combination	Min	-4.253E-06	-3.403E-06	132.5661	0	0	0
Base	19	41	DConS15	Combination	Max	-3.738E-06	-2.991E-06	132.5746	0	0	0
Base	19	41	DConS15	Combination	Min	-3.738E-06	-2.991E-06	132.5746	0	0	0
Base	19	41	DConS16	Combination	Max	-1.106E-05	-8.85E-06	132.5731	0	0	0
Base	19	41	DConS16	Combination	Min	-1.106E-05	-8.85E-06	132.5731	0	0	0
Base	19	41	DConS17	Combination	Max	-8.431E-06	-6.746E-06	94.7033	0	0	0
Base	19	41	DConS17	Combination	Min	-8.431E-06	-6.746E-06	94.7033	0	0	0
Base	19	41	DConS18	Combination	Max	-2.139E-06	-1.712E-06	94.6879	0	0	0
Base	19	41	DConS18	Combination	Min	-2.139E-06	-1.712E-06	94.6879	0	0	0
Base	19	41	DConS19	Combination	Max	-1.624E-06	-1.299E-06	94.6963	0	0	0
Base	19	41	DConS19	Combination	Min	-1.624E-06	-1.299E-06	94.6963	0	0	0
Base	19	41	DConS20	Combination	Max	-8.946E-06	-7.158E-06	94.6949	0	0	0
Base	19	41	DConS20	Combination	Min	-8.946E-06	-7.158E-06	94.6949	0	0	0
Base	19	41	DCmpD1	Combination		-5.285E-06	-4.229E-06	94.6956	0	0	0
Base	19	41	DCmpD2	Combination		-7.139E-06	-5.712E-06	155.7094	0	0	0
Base	19	41	DCmpS1	Combination		-7.399E-06	-5.92E-06	132.5738	0	0	0
Base	19	41	DCmpS2	Combination		-1.037E-05	-8.294E-06	230.196	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	19	41	DCmpC1	Combination		-7.399E-06	-5.92E-06	132.5738	0	0	0
Base	20	42	Dead	LinStatic		1.917E-06	-4.2E-06	94.6992	0	0	0
Base	20	42	Live	LinStatic		6.724E-07	-1.474E-06	61.0143	0	0	0
Base	20	42	WIND	LinStatic		1.32E-06	-2.892E-06	-0.0004	0	0	0
Base	20	42	EQX	LinStatic	Max	8.149E-07	-1.786E-06	0.0017	0	0	0
Base	20	42	EQX	LinStatic	Min	8.149E-07	-1.786E-06	0.0017	0	0	0
Base	20	42	EQY	LinStatic	Max	-9.484E-07	2.078E-06	0.0004	0	0	0
Base	20	42	EQY	LinStatic	Min	-9.484E-07	2.078E-06	0.0004	0	0	0
Base	20	42	DSlbS1	Combination		2.683E-06	-5.88E-06	132.5789	0	0	0
Base	20	42	DSlbS2	Combination		3.759E-06	-8.238E-06	230.2018	0	0	0
Base	20	42	DSlbS3	Combination		4.691E-06	-1.028E-05	186.8557	0	0	0
Base	20	42	DSlbS4	Combination		1.523E-06	-3.338E-06	186.8567	0	0	0
Base	20	42	DSlbS5	Combination		4.531E-06	-9.93E-06	132.5783	0	0	0
Base	20	42	DSlbS6	Combination		8.355E-07	-1.831E-06	132.5795	0	0	0
Base	20	42	DSlbS7	Combination		3.764E-06	-8.25E-06	94.6986	0	0	0
Base	20	42	DSlbS8	Combination		0	0	94.6998	0	0	0
Base	20	42	DStlS1	Combination		2.683E-06	-5.88E-06	132.5789	0	0	0
Base	20	42	DStlS2	Combination		3.759E-06	-8.238E-06	230.2018	0	0	0
Base	20	42	DStlS3	Combination		4.691E-06	-1.028E-05	186.8557	0	0	0
Base	20	42	DStlS4	Combination		1.523E-06	-3.338E-06	186.8567	0	0	0
Base	20	42	DStlS5	Combination		4.531E-06	-9.93E-06	132.5783	0	0	0
Base	20	42	DStlS6	Combination		8.355E-07	-1.831E-06	132.5795	0	0	0
Base	20	42	DStlS7	Combination		3.764E-06	-8.25E-06	94.6986	0	0	0
Base	20	42	DStlS8	Combination		0	0	94.6998	0	0	0
Base	20	42	DStlS9	Combination	Max	4.085E-06	-8.952E-06	186.8582	0	0	0
Base	20	42	DStlS9	Combination	Min	4.085E-06	-8.952E-06	186.8582	0	0	0
Base	20	42	DStlS10	Combination	Max	2.129E-06	-4.666E-06	186.8542	0	0	0
Base	20	42	DStlS10	Combination	Min	2.129E-06	-4.666E-06	186.8542	0	0	0
Base	20	42	DStlS11	Combination	Max	1.969E-06	-4.315E-06	186.8566	0	0	0
Base	20	42	DStlS11	Combination	Min	1.969E-06	-4.315E-06	186.8566	0	0	0
Base	20	42	DStlS12	Combination	Max	4.245E-06	-9.303E-06	186.8558	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	20	42	DStIS12	Combination	Min	4.245E-06	-9.303E-06	186.8558	0	0	0
Base	20	42	DStIS13	Combination	Max	3.824E-06	-8.38E-06	132.5812	0	0	0
Base	20	42	DStIS13	Combination	Min	3.824E-06	-8.38E-06	132.5812	0	0	0
Base	20	42	DStIS14	Combination	Max	1.542E-06	-3.38E-06	132.5765	0	0	0
Base	20	42	DStIS14	Combination	Min	1.542E-06	-3.38E-06	132.5765	0	0	0
Base	20	42	DStIS15	Combination	Max	1.355E-06	-2.971E-06	132.5794	0	0	0
Base	20	42	DStIS15	Combination	Min	1.355E-06	-2.971E-06	132.5794	0	0	0
Base	20	42	DStIS16	Combination	Max	4.011E-06	-8.79E-06	132.5784	0	0	0
Base	20	42	DStIS16	Combination	Min	4.011E-06	-8.79E-06	132.5784	0	0	0
Base	20	42	DStIS17	Combination	Max	3.057E-06	-6.7E-06	94.7015	0	0	0
Base	20	42	DStIS17	Combination	Min	3.057E-06	-6.7E-06	94.7015	0	0	0
Base	20	42	DStIS18	Combination	Max	7.758E-07	-1.7E-06	94.6969	0	0	0
Base	20	42	DStIS18	Combination	Min	7.758E-07	-1.7E-06	94.6969	0	0	0
Base	20	42	DStIS19	Combination	Max	5.888E-07	-1.29E-06	94.6997	0	0	0
Base	20	42	DStIS19	Combination	Min	5.888E-07	-1.29E-06	94.6997	0	0	0
Base	20	42	DStIS20	Combination	Max	3.244E-06	-7.11E-06	94.6987	0	0	0
Base	20	42	DStIS20	Combination	Min	3.244E-06	-7.11E-06	94.6987	0	0	0
Base	20	42	DStID1	Combination		1.917E-06	-4.2E-06	94.6992	0	0	0
Base	20	42	DStID2	Combination		2.589E-06	-5.674E-06	155.7135	0	0	0
Base	20	42	DConS1	Combination		2.683E-06	-5.88E-06	132.5789	0	0	0
Base	20	42	DConS2	Combination		3.759E-06	-8.238E-06	230.2018	0	0	0
Base	20	42	DConS3	Combination		4.691E-06	-1.028E-05	186.8557	0	0	0
Base	20	42	DConS4	Combination		1.523E-06	-3.338E-06	186.8567	0	0	0
Base	20	42	DConS5	Combination		4.531E-06	-9.93E-06	132.5783	0	0	0
Base	20	42	DConS6	Combination		8.355E-07	-1.831E-06	132.5795	0	0	0
Base	20	42	DConS7	Combination		3.764E-06	-8.25E-06	94.6986	0	0	0
Base	20	42	DConS8	Combination		0	0	94.6998	0	0	0
Base	20	42	DConS9	Combination	Max	4.085E-06	-8.952E-06	186.8582	0	0	0
Base	20	42	DConS9	Combination	Min	4.085E-06	-8.952E-06	186.8582	0	0	0
Base	20	42	DConS10	Combination	Max	2.129E-06	-4.666E-06	186.8542	0	0	0
Base	20	42	DConS10	Combination	Min	2.129E-06	-4.666E-06	186.8542	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	20	42	DConS11	Combination	Max	1.969E-06	-4.315E-06	186.8566	0	0	0
Base	20	42	DConS11	Combination	Min	1.969E-06	-4.315E-06	186.8566	0	0	0
Base	20	42	DConS12	Combination	Max	4.245E-06	-9.303E-06	186.8558	0	0	0
Base	20	42	DConS12	Combination	Min	4.245E-06	-9.303E-06	186.8558	0	0	0
Base	20	42	DConS13	Combination	Max	3.824E-06	-8.38E-06	132.5812	0	0	0
Base	20	42	DConS13	Combination	Min	3.824E-06	-8.38E-06	132.5812	0	0	0
Base	20	42	DConS14	Combination	Max	1.542E-06	-3.38E-06	132.5765	0	0	0
Base	20	42	DConS14	Combination	Min	1.542E-06	-3.38E-06	132.5765	0	0	0
Base	20	42	DConS15	Combination	Max	1.355E-06	-2.971E-06	132.5794	0	0	0
Base	20	42	DConS15	Combination	Min	1.355E-06	-2.971E-06	132.5794	0	0	0
Base	20	42	DConS16	Combination	Max	4.011E-06	-8.79E-06	132.5784	0	0	0
Base	20	42	DConS16	Combination	Min	4.011E-06	-8.79E-06	132.5784	0	0	0
Base	20	42	DConS17	Combination	Max	3.057E-06	-6.7E-06	94.7015	0	0	0
Base	20	42	DConS17	Combination	Min	3.057E-06	-6.7E-06	94.7015	0	0	0
Base	20	42	DConS18	Combination	Max	7.758E-07	-1.7E-06	94.6969	0	0	0
Base	20	42	DConS18	Combination	Min	7.758E-07	-1.7E-06	94.6969	0	0	0
Base	20	42	DConS19	Combination	Max	5.888E-07	-1.29E-06	94.6997	0	0	0
Base	20	42	DConS19	Combination	Min	5.888E-07	-1.29E-06	94.6997	0	0	0
Base	20	42	DConS20	Combination	Max	3.244E-06	-7.11E-06	94.6987	0	0	0
Base	20	42	DConS20	Combination	Min	3.244E-06	-7.11E-06	94.6987	0	0	0
Base	20	42	DCmpD1	Combination		1.917E-06	-4.2E-06	94.6992	0	0	0
Base	20	42	DCmpD2	Combination		2.589E-06	-5.674E-06	155.7135	0	0	0
Base	20	42	DCmpS1	Combination		2.683E-06	-5.88E-06	132.5789	0	0	0
Base	20	42	DCmpS2	Combination		3.759E-06	-8.238E-06	230.2018	0	0	0
Base	20	42	DCmpC1	Combination		2.683E-06	-5.88E-06	132.5789	0	0	0
Base	21	43	Dead	LinStatic		-3.789E-05	-4.174E-05	94.2708	0	0	0
Base	21	43	Live	LinStatic		-1.329E-05	-1.464E-05	60.5156	0	0	0
Base	21	43	WIND	LinStatic		-2.609E-05	-2.874E-05	0.0027	0	0	0
Base	21	43	EQX	LinStatic	Max	-1.611E-05	-1.775E-05	-0.0223	0	0	0
Base	21	43	EQX	LinStatic	Min	-1.611E-05	-1.775E-05	-0.0223	0	0	0
Base	21	43	EQY	LinStatic	Max	1.875E-05	2.065E-05	-0.002	0	0	0
Base	21	43	EQY	LinStatic	Min	1.875E-05	2.065E-05	-0.002	0	0	0
Base	21	43	DSlbS1	Combination		-0.0001	-0.0001	131.9791	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	21	43	DSlbS2	Combination		-0.0001	-0.0001	228.8041	0	0	0
Base	21	43	DSlbS3	Combination		-0.0001	-0.0001	185.7469	0	0	0
Base	21	43	DSlbS4	Combination		-3.011E-05	-3.317E-05	185.7405	0	0	0
Base	21	43	DSlbS5	Combination		-0.0001	-0.0001	131.9828	0	0	0
Base	21	43	DSlbS6	Combination		-1.652E-05	-1.819E-05	131.9754	0	0	0
Base	21	43	DSlbS7	Combination		-0.0001	-0.0001	94.2745	0	0	0
Base	21	43	DSlbS8	Combination		-1.361E-06	-1.499E-06	94.267	0	0	0
Base	21	43	DStlS1	Combination		-0.0001	-0.0001	131.9791	0	0	0
Base	21	43	DStlS2	Combination		-0.0001	-0.0001	228.8041	0	0	0
Base	21	43	DStlS3	Combination		-0.0001	-0.0001	185.7469	0	0	0
Base	21	43	DStlS4	Combination		-3.011E-05	-3.317E-05	185.7405	0	0	0
Base	21	43	DStlS5	Combination		-0.0001	-0.0001	131.9828	0	0	0
Base	21	43	DStlS6	Combination		-1.652E-05	-1.819E-05	131.9754	0	0	0
Base	21	43	DStlS7	Combination		-0.0001	-0.0001	94.2745	0	0	0
Base	21	43	DStlS8	Combination		-1.361E-06	-1.499E-06	94.267	0	0	0
Base	21	43	DStlS9	Combination	Max	-0.0001	-0.0001	185.7169	0	0	0
Base	21	43	DStlS9	Combination	Min	-0.0001	-0.0001	185.7169	0	0	0
Base	21	43	DStlS10	Combination	Max	-4.209E-05	-4.637E-05	185.7705	0	0	0
Base	21	43	DStlS10	Combination	Min	-4.209E-05	-4.637E-05	185.7705	0	0	0
Base	21	43	DStlS11	Combination	Max	-3.892E-05	-4.288E-05	185.7413	0	0	0
Base	21	43	DStlS11	Combination	Min	-3.892E-05	-4.288E-05	185.7413	0	0	0
Base	21	43	DStlS12	Combination	Max	-0.0001	-0.0001	185.7461	0	0	0
Base	21	43	DStlS12	Combination	Min	-0.0001	-0.0001	185.7461	0	0	0
Base	21	43	DStlS13	Combination	Max	-0.0001	-0.0001	131.9478	0	0	0
Base	21	43	DStlS13	Combination	Min	-0.0001	-0.0001	131.9478	0	0	0
Base	21	43	DStlS14	Combination	Max	-3.049E-05	-3.359E-05	132.0103	0	0	0
Base	21	43	DStlS14	Combination	Min	-3.049E-05	-3.359E-05	132.0103	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	21	43	DStIS15	Combination	Max	-2.68E-05	-2.952E-05	131.9763	0	0	0
Base	21	43	DStIS15	Combination	Min	-2.68E-05	-2.952E-05	131.9763	0	0	0
Base	21	43	DStIS16	Combination	Max	-0.0001	-0.0001	131.9819	0	0	0
Base	21	43	DStIS16	Combination	Min	-0.0001	-0.0001	131.9819	0	0	0
Base	21	43	DStIS17	Combination	Max	-0.0001	-0.0001	94.2395	0	0	0
Base	21	43	DStIS17	Combination	Min	-0.0001	-0.0001	94.2395	0	0	0
Base	21	43	DStIS18	Combination	Max	-1.534E-05	-1.69E-05	94.302	0	0	0
Base	21	43	DStIS18	Combination	Min	-1.534E-05	-1.69E-05	94.302	0	0	0
Base	21	43	DStIS19	Combination	Max	-1.164E-05	-1.282E-05	94.268	0	0	0
Base	21	43	DStIS19	Combination	Min	-1.164E-05	-1.282E-05	94.268	0	0	0
Base	21	43	DStIS20	Combination	Max	-0.0001	-0.0001	94.2736	0	0	0
Base	21	43	DStIS20	Combination	Min	-0.0001	-0.0001	94.2736	0	0	0
Base	21	43	DStID1	Combination		-3.789E-05	-4.174E-05	94.2708	0	0	0
Base	21	43	DStID2	Combination		-0.0001	-0.0001	154.7864	0	0	0
Base	21	43	DConS1	Combination		-0.0001	-0.0001	131.9791	0	0	0
Base	21	43	DConS2	Combination		-0.0001	-0.0001	228.8041	0	0	0
Base	21	43	DConS3	Combination		-0.0001	-0.0001	185.7469	0	0	0
Base	21	43	DConS4	Combination		-3.011E-05	-3.317E-05	185.7405	0	0	0
Base	21	43	DConS5	Combination		-0.0001	-0.0001	131.9828	0	0	0
Base	21	43	DConS6	Combination		-1.652E-05	-1.819E-05	131.9754	0	0	0
Base	21	43	DConS7	Combination		-0.0001	-0.0001	94.2745	0	0	0
Base	21	43	DConS8	Combination		-1.361E-06	-1.499E-06	94.267	0	0	0
Base	21	43	DConS9	Combination	Max	-0.0001	-0.0001	185.7169	0	0	0
Base	21	43	DConS9	Combination	Min	-0.0001	-0.0001	185.7169	0	0	0
Base	21	43	DConS10	Combination	Max	-4.209E-05	-4.637E-05	185.7705	0	0	0
Base	21	43	DConS10	Combination	Min	-4.209E-05	-4.637E-05	185.7705	0	0	0
Base	21	43	DConS11	Combination	Max	-3.892E-05	-4.288E-05	185.7413	0	0	0
Base	21	43	DConS11	Combination	Min	-3.892E-05	-4.288E-05	185.7413	0	0	0
Base	21	43	DConS12	Combination	Max	-0.0001	-0.0001	185.7461	0	0	0
Base	21	43	DConS12	Combination	Min	-0.0001	-0.0001	185.7461	0	0	0
Base	21	43	DConS13	Combination	Max	-0.0001	-0.0001	131.9478	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	21	43	DConS13	Combination	Min	-0.0001	-0.0001	131.9478	0	0	0
Base	21	43	DConS14	Combination	Max	-3.049E-05	-3.359E-05	132.0103	0	0	0
Base	21	43	DConS14	Combination	Min	-3.049E-05	-3.359E-05	132.0103	0	0	0
Base	21	43	DConS15	Combination	Max	-2.68E-05	-2.952E-05	131.9763	0	0	0
Base	21	43	DConS15	Combination	Min	-2.68E-05	-2.952E-05	131.9763	0	0	0
Base	21	43	DConS16	Combination	Max	-0.0001	-0.0001	131.9819	0	0	0
Base	21	43	DConS16	Combination	Min	-0.0001	-0.0001	131.9819	0	0	0
Base	21	43	DConS17	Combination	Max	-0.0001	-0.0001	94.2395	0	0	0
Base	21	43	DConS17	Combination	Min	-0.0001	-0.0001	94.2395	0	0	0
Base	21	43	DConS18	Combination	Max	-1.534E-05	-1.69E-05	94.302	0	0	0
Base	21	43	DConS18	Combination	Min	-1.534E-05	-1.69E-05	94.302	0	0	0
Base	21	43	DConS19	Combination	Max	-1.164E-05	-1.282E-05	94.268	0	0	0
Base	21	43	DConS19	Combination	Min	-1.164E-05	-1.282E-05	94.268	0	0	0
Base	21	43	DConS20	Combination	Max	-0.0001	-0.0001	94.2736	0	0	0
Base	21	43	DConS20	Combination	Min	-0.0001	-0.0001	94.2736	0	0	0
Base	21	43	DCmpD1	Combination		-3.789E-05	-4.174E-05	94.2708	0	0	0
Base	21	43	DCmpD2	Combination		-0.0001	-0.0001	154.7864	0	0	0
Base	21	43	DCmpS1	Combination		-0.0001	-0.0001	131.9791	0	0	0
Base	21	43	DCmpS2	Combination		-0.0001	-0.0001	228.8041	0	0	0
Base	21	43	DCmpC1	Combination		-0.0001	-0.0001	131.9791	0	0	0
Base	22	48	Dead	LinStatic		1.953E-05	-3.72E-05	94.2545	0	0	0
Base	22	48	Live	LinStatic		6.853E-06	-1.305E-05	60.5135	0	0	0
Base	22	48	WIND	LinStatic		1.345E-05	-2.562E-05	0.0017	0	0	0
Base	22	48	EQX	LinStatic	Max	8.305E-06	-1.582E-05	-0.005	0	0	0
Base	22	48	EQX	LinStatic	Min	8.305E-06	-1.582E-05	-0.005	0	0	0
Base	22	48	EQY	LinStatic	Max	-9.666E-06	1.841E-05	-0.0014	0	0	0
Base	22	48	EQY	LinStatic	Min	-9.666E-06	1.841E-05	-0.0014	0	0	0
Base	22	48	DSlbS1	Combination		2.735E-05	-0.0001	131.9563	0	0	0
Base	22	48	DSlbS2	Combination		3.831E-05	-0.0001	228.7779	0	0	0
Base	22	48	DSlbS3	Combination		4.781E-05	-0.0001	185.7236	0	0	0
Base	22	48	DSlbS4	Combination		1.552E-05	-2.956E-05	185.7196	0	0	0
Base	22	48	DSlbS5	Combination		4.618E-05	-0.0001	131.9587	0	0	0
Base	22	48	DSlbS6	Combination		8.515E-06	-1.622E-05	131.954	0	0	0
Base	22	48	DSlbS7	Combination		3.837E-05	-0.0001	94.2568	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	22	48	DSIbS8	Combination		7.015E-07	-1.336E-06	94.2522	0	0	0
Base	22	48	DStIS1	Combination		2.735E-05	-0.0001	131.9563	0	0	0
Base	22	48	DStIS2	Combination		3.831E-05	-0.0001	228.7779	0	0	0
Base	22	48	DStIS3	Combination		4.781E-05	-0.0001	185.7236	0	0	0
Base	22	48	DStIS4	Combination		1.552E-05	-2.956E-05	185.7196	0	0	0
Base	22	48	DStIS5	Combination		4.618E-05	-0.0001	131.9587	0	0	0
Base	22	48	DStIS6	Combination		8.515E-06	-1.622E-05	131.954	0	0	0
Base	22	48	DStIS7	Combination		3.837E-05	-0.0001	94.2568	0	0	0
Base	22	48	DStIS8	Combination		7.015E-07	-1.336E-06	94.2522	0	0	0
Base	22	48	DStIS9	Combination	Max	4.163E-05	-0.0001	185.7156	0	0	0
Base	22	48	DStIS9	Combination	Min	4.163E-05	-0.0001	185.7156	0	0	0
Base	22	48	DStIS10	Combination	Max	2.17E-05	-4.132E-05	185.7276	0	0	0
Base	22	48	DStIS10	Combination	Min	2.17E-05	-4.132E-05	185.7276	0	0	0
Base	22	48	DStIS11	Combination	Max	2.007E-05	-3.821E-05	185.72	0	0	0
Base	22	48	DStIS11	Combination	Min	2.007E-05	-3.821E-05	185.72	0	0	0
Base	22	48	DStIS12	Combination	Max	4.326E-05	-0.0001	185.7233	0	0	0
Base	22	48	DStIS12	Combination	Min	4.326E-05	-0.0001	185.7233	0	0	0
Base	22	48	DStIS13	Combination	Max	3.897E-05	-0.0001	131.9493	0	0	0
Base	22	48	DStIS13	Combination	Min	3.897E-05	-0.0001	131.9493	0	0	0
Base	22	48	DStIS14	Combination	Max	1.572E-05	-2.994E-05	131.9634	0	0	0
Base	22	48	DStIS14	Combination	Min	1.572E-05	-2.994E-05	131.9634	0	0	0
Base	22	48	DStIS15	Combination	Max	1.381E-05	-2.631E-05	131.9544	0	0	0
Base	22	48	DStIS15	Combination	Min	1.381E-05	-2.631E-05	131.9544	0	0	0
Base	22	48	DStIS16	Combination	Max	4.088E-05	-0.0001	131.9582	0	0	0
Base	22	48	DStIS16	Combination	Min	4.088E-05	-0.0001	131.9582	0	0	0
Base	22	48	DStIS17	Combination	Max	3.116E-05	-0.0001	94.2475	0	0	0
Base	22	48	DStIS17	Combination	Min	3.116E-05	-0.0001	94.2475	0	0	0
Base	22	48	DStIS18	Combination	Max	7.907E-06	-1.506E-05	94.2615	0	0	0
Base	22	48	DStIS18	Combination	Min	7.907E-06	-1.506E-05	94.2615	0	0	0
Base	22	48	DStIS19	Combination	Max	6.001E-06	-1.143E-05	94.2526	0	0	0
Base	22	48	DStIS19	Combination	Min	6.001E-06	-1.143E-05	94.2526	0	0	0
Base	22	48	DStIS20	Combination	Max	3.307E-05	-0.0001	94.2564	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	22	48	DStIS20	Combination	Min	3.307E-05	-0.0001	94.2564	0	0	0
Base	22	48	DStID1	Combination		1.953E-05	-3.72E-05	94.2545	0	0	0
Base	22	48	DStID2	Combination		2.639E-05	-0.0001	154.768	0	0	0
Base	22	48	DConS1	Combination		2.735E-05	-0.0001	131.9563	0	0	0
Base	22	48	DConS2	Combination		3.831E-05	-0.0001	228.7779	0	0	0
Base	22	48	DConS3	Combination		4.781E-05	-0.0001	185.7236	0	0	0
Base	22	48	DConS4	Combination		1.552E-05	-2.956E-05	185.7196	0	0	0
Base	22	48	DConS5	Combination		4.618E-05	-0.0001	131.9587	0	0	0
Base	22	48	DConS6	Combination		8.515E-06	-1.622E-05	131.954	0	0	0
Base	22	48	DConS7	Combination		3.837E-05	-0.0001	94.2568	0	0	0
Base	22	48	DConS8	Combination		7.015E-07	-1.336E-06	94.2522	0	0	0
Base	22	48	DConS9	Combination	Max	4.163E-05	-0.0001	185.7156	0	0	0
Base	22	48	DConS9	Combination	Min	4.163E-05	-0.0001	185.7156	0	0	0
Base	22	48	DConS10	Combination	Max	2.17E-05	-4.132E-05	185.7276	0	0	0
Base	22	48	DConS10	Combination	Min	2.17E-05	-4.132E-05	185.7276	0	0	0
Base	22	48	DConS11	Combination	Max	2.007E-05	-3.821E-05	185.72	0	0	0
Base	22	48	DConS11	Combination	Min	2.007E-05	-3.821E-05	185.72	0	0	0
Base	22	48	DConS12	Combination	Max	4.326E-05	-0.0001	185.7233	0	0	0
Base	22	48	DConS12	Combination	Min	4.326E-05	-0.0001	185.7233	0	0	0
Base	22	48	DConS13	Combination	Max	3.897E-05	-0.0001	131.9493	0	0	0
Base	22	48	DConS13	Combination	Min	3.897E-05	-0.0001	131.9493	0	0	0
Base	22	48	DConS14	Combination	Max	1.572E-05	-2.994E-05	131.9634	0	0	0
Base	22	48	DConS14	Combination	Min	1.572E-05	-2.994E-05	131.9634	0	0	0
Base	22	48	DConS15	Combination	Max	1.381E-05	-2.631E-05	131.9544	0	0	0
Base	22	48	DConS15	Combination	Min	1.381E-05	-2.631E-05	131.9544	0	0	0
Base	22	48	DConS16	Combination	Max	4.088E-05	-0.0001	131.9582	0	0	0
Base	22	48	DConS16	Combination	Min	4.088E-05	-0.0001	131.9582	0	0	0
Base	22	48	DConS17	Combination	Max	3.116E-05	-0.0001	94.2475	0	0	0
Base	22	48	DConS17	Combination	Min	3.116E-05	-0.0001	94.2475	0	0	0
Base	22	48	DConS18	Combination	Max	7.907E-06	-1.506E-05	94.2615	0	0	0
Base	22	48	DConS18	Combination	Min	7.907E-06	-1.506E-05	94.2615	0	0	0
Base	22	48	DConS19	Combination	Max	6.001E-06	-1.143E-05	94.2526	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	22	48	DConS19	Combination	Min	6.001E-06	-1.143E-05	94.2526	0	0	0
Base	22	48	DConS20	Combination	Max	3.307E-05	-0.0001	94.2564	0	0	0
Base	22	48	DConS20	Combination	Min	3.307E-05	-0.0001	94.2564	0	0	0
Base	22	48	DCmpD1	Combination		1.953E-05	-3.72E-05	94.2545	0	0	0
Base	22	48	DCmpD2	Combination		2.639E-05	-0.0001	154.768	0	0	0
Base	22	48	DCmpS1	Combination		2.735E-05	-0.0001	131.9563	0	0	0
Base	22	48	DCmpS2	Combination		3.831E-05	-0.0001	228.7779	0	0	0
Base	22	48	DCmpC1	Combination		2.735E-05	-0.0001	131.9563	0	0	0
Base	23	49	Dead	LinStatic		-0.0002	-0.0004	94.2971	0	0	0
Base	23	49	Live	LinStatic		-0.0001	-0.0001	60.6496	0	0	0
Base	23	49	WIND	LinStatic		-0.0002	-0.0003	-0.0114	0	0	0
Base	23	49	EQX	LinStatic	Max	-0.0001	-0.0002	0.0959	0	0	0
Base	23	49	EQX	LinStatic	Min	-0.0001	-0.0002	0.0959	0	0	0
Base	23	49	EQY	LinStatic	Max	0.0001	0.0002	0.0085	0	0	0
Base	23	49	EQY	LinStatic	Min	0.0001	0.0002	0.0085	0	0	0
Base	23	49	DSlbS1	Combination		-0.0003	-0.0006	132.016	0	0	0
Base	23	49	DSlbS2	Combination		-0.0004	-0.0008	229.0553	0	0	0
Base	23	49	DSlbS3	Combination		-0.0005	-0.001	185.9224	0	0	0
Base	23	49	DSlbS4	Combination		-0.0002	-0.0003	185.9497	0	0	0
Base	23	49	DSlbS5	Combination		-0.0005	-0.001	132	0	0	0
Base	23	49	DSlbS6	Combination		-0.0001	-0.0002	132.0319	0	0	0
Base	23	49	DSlbS7	Combination		-0.0004	-0.0008	94.2812	0	0	0
Base	23	49	DSlbS8	Combination		-8.029E-06	-1.528E-05	94.313	0	0	0
Base	23	49	DStlS1	Combination		-0.0003	-0.0006	132.016	0	0	0
Base	23	49	DStlS2	Combination		-0.0004	-0.0008	229.0553	0	0	0
Base	23	49	DStlS3	Combination		-0.0005	-0.001	185.9224	0	0	0
Base	23	49	DStlS4	Combination		-0.0002	-0.0003	185.9497	0	0	0
Base	23	49	DStlS5	Combination		-0.0005	-0.001	132	0	0	0
Base	23	49	DStlS6	Combination		-0.0001	-0.0002	132.0319	0	0	0
Base	23	49	DStlS7	Combination		-0.0004	-0.0008	94.2812	0	0	0
Base	23	49	DStlS8	Combination		-8.029E-06	-1.528E-05	94.313	0	0	0
Base	23	49	DStlS9	Combination	Max	-0.0005	-0.0009	186.0511	0	0	0
Base	23	49	DStlS9	Combination	Min	-0.0005	-0.0009	186.0511	0	0	0
Base	23	49	DStlS10	Combination	Max	-0.0002	-0.0005	185.821	0	0	0
Base	23	49	DStlS10	Combination	Min	-0.0002	-0.0005	185.821	0	0	0
Base	23	49	DStlS11	Combination	Max	-0.0002	-0.0004	185.9463	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	23	49	DStIS11	Combination	Min	-0.0002	-0.0004	185.9463	0	0	0
Base	23	49	DStIS12	Combination	Max	-0.0005	-0.0009	185.9258	0	0	0
Base	23	49	DStIS12	Combination	Min	-0.0005	-0.0009	185.9258	0	0	0
Base	23	49	DStIS13	Combination	Max	-0.0004	-0.0008	132.1502	0	0	0
Base	23	49	DStIS13	Combination	Min	-0.0004	-0.0008	132.1502	0	0	0
Base	23	49	DStIS14	Combination	Max	-0.0002	-0.0003	131.8817	0	0	0
Base	23	49	DStIS14	Combination	Min	-0.0002	-0.0003	131.8817	0	0	0
Base	23	49	DStIS15	Combination	Max	-0.0002	-0.0003	132.0279	0	0	0
Base	23	49	DStIS15	Combination	Min	-0.0002	-0.0003	132.0279	0	0	0
Base	23	49	DStIS16	Combination	Max	-0.0005	-0.0009	132.004	0	0	0
Base	23	49	DStIS16	Combination	Min	-0.0005	-0.0009	132.004	0	0	0
Base	23	49	DStIS17	Combination	Max	-0.0004	-0.0007	94.4314	0	0	0
Base	23	49	DStIS17	Combination	Min	-0.0004	-0.0007	94.4314	0	0	0
Base	23	49	DStIS18	Combination	Max	-0.0001	-0.0002	94.1629	0	0	0
Base	23	49	DStIS18	Combination	Min	-0.0001	-0.0002	94.1629	0	0	0
Base	23	49	DStIS19	Combination	Max	-0.0001	-0.0001	94.3091	0	0	0
Base	23	49	DStIS19	Combination	Min	-0.0001	-0.0001	94.3091	0	0	0
Base	23	49	DStIS20	Combination	Max	-0.0004	-0.0007	94.2852	0	0	0
Base	23	49	DStIS20	Combination	Min	-0.0004	-0.0007	94.2852	0	0	0
Base	23	49	DStID1	Combination		-0.0002	-0.0004	94.2971	0	0	0
Base	23	49	DStID2	Combination		-0.0003	-0.0006	154.9467	0	0	0
Base	23	49	DConS1	Combination		-0.0003	-0.0006	132.016	0	0	0
Base	23	49	DConS2	Combination		-0.0004	-0.0008	229.0553	0	0	0
Base	23	49	DConS3	Combination		-0.0005	-0.001	185.9224	0	0	0
Base	23	49	DConS4	Combination		-0.0002	-0.0003	185.9497	0	0	0
Base	23	49	DConS5	Combination		-0.0005	-0.001	132	0	0	0
Base	23	49	DConS6	Combination		-0.0001	-0.0002	132.0319	0	0	0
Base	23	49	DConS7	Combination		-0.0004	-0.0008	94.2812	0	0	0
Base	23	49	DConS8	Combination		-8.029E-06	-1.528E-05	94.313	0	0	0
Base	23	49	DConS9	Combination	Max	-0.0005	-0.0009	186.0511	0	0	0
Base	23	49	DConS9	Combination	Min	-0.0005	-0.0009	186.0511	0	0	0
Base	23	49	DConS10	Combination	Max	-0.0002	-0.0005	185.821	0	0	0
Base	23	49	DConS10	Combination	Min	-0.0002	-0.0005	185.821	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	23	49	DConS11	Combination	Max	-0.0002	-0.0004	185.9463	0	0	0
Base	23	49	DConS11	Combination	Min	-0.0002	-0.0004	185.9463	0	0	0
Base	23	49	DConS12	Combination	Max	-0.0005	-0.0009	185.9258	0	0	0
Base	23	49	DConS12	Combination	Min	-0.0005	-0.0009	185.9258	0	0	0
Base	23	49	DConS13	Combination	Max	-0.0004	-0.0008	132.1502	0	0	0
Base	23	49	DConS13	Combination	Min	-0.0004	-0.0008	132.1502	0	0	0
Base	23	49	DConS14	Combination	Max	-0.0002	-0.0003	131.8817	0	0	0
Base	23	49	DConS14	Combination	Min	-0.0002	-0.0003	131.8817	0	0	0
Base	23	49	DConS15	Combination	Max	-0.0002	-0.0003	132.0279	0	0	0
Base	23	49	DConS15	Combination	Min	-0.0002	-0.0003	132.0279	0	0	0
Base	23	49	DConS16	Combination	Max	-0.0005	-0.0009	132.004	0	0	0
Base	23	49	DConS16	Combination	Min	-0.0005	-0.0009	132.004	0	0	0
Base	23	49	DConS17	Combination	Max	-0.0004	-0.0007	94.4314	0	0	0
Base	23	49	DConS17	Combination	Min	-0.0004	-0.0007	94.4314	0	0	0
Base	23	49	DConS18	Combination	Max	-0.0001	-0.0002	94.1629	0	0	0
Base	23	49	DConS18	Combination	Min	-0.0001	-0.0002	94.1629	0	0	0
Base	23	49	DConS19	Combination	Max	-0.0001	-0.0001	94.3091	0	0	0
Base	23	49	DConS19	Combination	Min	-0.0001	-0.0001	94.3091	0	0	0
Base	23	49	DConS20	Combination	Max	-0.0004	-0.0007	94.2852	0	0	0
Base	23	49	DConS20	Combination	Min	-0.0004	-0.0007	94.2852	0	0	0
Base	23	49	DCmpD1	Combination		-0.0002	-0.0004	94.2971	0	0	0
Base	23	49	DCmpD2	Combination		-0.0003	-0.0006	154.9467	0	0	0
Base	23	49	DCmpS1	Combination		-0.0003	-0.0006	132.016	0	0	0
Base	23	49	DCmpS2	Combination		-0.0004	-0.0008	229.0553	0	0	0
Base	23	49	DCmpC1	Combination		-0.0003	-0.0006	132.016	0	0	0
Base	24	51	Dead	LinStatic		0.0002	-0.0003	94.3736	0	0	0
Base	24	51	Live	LinStatic		0.0001	-0.0001	60.6597	0	0	0
Base	24	51	WIND	LinStatic		0.0001	-0.0002	-0.0064	0	0	0
Base	24	51	EQX	LinStatic	Max	0.0001	-0.0001	0.0142	0	0	0
Base	24	51	EQX	LinStatic	Min	0.0001	-0.0001	0.0142	0	0	0
Base	24	51	EQY	LinStatic	Max	-0.0001	0.0002	0.0053	0	0	0
Base	24	51	EQY	LinStatic	Min	-0.0001	0.0002	0.0053	0	0	0
Base	24	51	DSlbS1	Combination		0.0003	-0.0005	132.1231	0	0	0
Base	24	51	DSlbS2	Combination		0.0004	-0.0006	229.1786	0	0	0
Base	24	51	DSlbS3	Combination		0.0005	-0.0008	186.0322	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	24	51	DSlbS4	Combination		0.0002	-0.0003	186.0477	0	0	0
Base	24	51	DSlbS5	Combination		0.0005	-0.0008	132.1141	0	0	0
Base	24	51	DSlbS6	Combination		0.0001	-0.0001	132.1321	0	0	0
Base	24	51	DSlbS7	Combination		0.0004	-0.0006	94.3646	0	0	0
Base	24	51	DSlbS8	Combination		7.165E-06	-1.183E-05	94.3827	0	0	0
Base	24	51	DStlS1	Combination		0.0003	-0.0005	132.1231	0	0	0
Base	24	51	DStlS2	Combination		0.0004	-0.0006	229.1786	0	0	0
Base	24	51	DStlS3	Combination		0.0005	-0.0008	186.0322	0	0	0
Base	24	51	DStlS4	Combination		0.0002	-0.0003	186.0477	0	0	0
Base	24	51	DStlS5	Combination		0.0005	-0.0008	132.1141	0	0	0
Base	24	51	DStlS6	Combination		0.0001	-0.0001	132.1321	0	0	0
Base	24	51	DStlS7	Combination		0.0004	-0.0006	94.3646	0	0	0
Base	24	51	DStlS8	Combination		7.165E-06	-1.183E-05	94.3827	0	0	0
Base	24	51	DStlS9	Combination	Max	0.0004	-0.0007	186.057	0	0	0
Base	24	51	DStlS9	Combination	Min	0.0004	-0.0007	186.057	0	0	0
Base	24	51	DStlS10	Combination	Max	0.0002	-0.0004	186.023	0	0	0
Base	24	51	DStlS10	Combination	Min	0.0002	-0.0004	186.023	0	0	0
Base	24	51	DStlS11	Combination	Max	0.0002	-0.0003	186.0464	0	0	0
Base	24	51	DStlS11	Combination	Min	0.0002	-0.0003	186.0464	0	0	0
Base	24	51	DStlS12	Combination	Max	0.0004	-0.0007	186.0336	0	0	0
Base	24	51	DStlS12	Combination	Min	0.0004	-0.0007	186.0336	0	0	0
Base	24	51	DStlS13	Combination	Max	0.0004	-0.0007	132.1429	0	0	0
Base	24	51	DStlS13	Combination	Min	0.0004	-0.0007	132.1429	0	0	0
Base	24	51	DStlS14	Combination	Max	0.0002	-0.0003	132.1033	0	0	0
Base	24	51	DStlS14	Combination	Min	0.0002	-0.0003	132.1033	0	0	0
Base	24	51	DStlS15	Combination	Max	0.0001	-0.0002	132.1305	0	0	0
Base	24	51	DStlS15	Combination	Min	0.0001	-0.0002	132.1305	0	0	0
Base	24	51	DStlS16	Combination	Max	0.0004	-0.0007	132.1157	0	0	0
Base	24	51	DStlS16	Combination	Min	0.0004	-0.0007	132.1157	0	0	0
Base	24	51	DStlS17	Combination	Max	0.0003	-0.0005	94.3935	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	24	51	DStIS17	Combination	Min	0.0003	-0.0005	94.3935	0	0	0
Base	24	51	DStIS18	Combination	Max	0.0001	-0.0001	94.3538	0	0	0
Base	24	51	DStIS18	Combination	Min	0.0001	-0.0001	94.3538	0	0	0
Base	24	51	DStIS19	Combination	Max	0.0001	-0.0001	94.3811	0	0	0
Base	24	51	DStIS19	Combination	Min	0.0001	-0.0001	94.3811	0	0	0
Base	24	51	DStIS20	Combination	Max	0.0003	-0.0006	94.3662	0	0	0
Base	24	51	DStIS20	Combination	Min	0.0003	-0.0006	94.3662	0	0	0
Base	24	51	DStID1	Combination		0.0002	-0.0003	94.3736	0	0	0
Base	24	51	DStID2	Combination		0.0003	-0.0004	155.0333	0	0	0
Base	24	51	DConS1	Combination		0.0003	-0.0005	132.1231	0	0	0
Base	24	51	DConS2	Combination		0.0004	-0.0006	229.1786	0	0	0
Base	24	51	DConS3	Combination		0.0005	-0.0008	186.0322	0	0	0
Base	24	51	DConS4	Combination		0.0002	-0.0003	186.0477	0	0	0
Base	24	51	DConS5	Combination		0.0005	-0.0008	132.1141	0	0	0
Base	24	51	DConS6	Combination		0.0001	-0.0001	132.1321	0	0	0
Base	24	51	DConS7	Combination		0.0004	-0.0006	94.3646	0	0	0
Base	24	51	DConS8	Combination		7.165E-06	-1.183E-05	94.3827	0	0	0
Base	24	51	DConS9	Combination	Max	0.0004	-0.0007	186.057	0	0	0
Base	24	51	DConS9	Combination	Min	0.0004	-0.0007	186.057	0	0	0
Base	24	51	DConS10	Combination	Max	0.0002	-0.0004	186.023	0	0	0
Base	24	51	DConS10	Combination	Min	0.0002	-0.0004	186.023	0	0	0
Base	24	51	DConS11	Combination	Max	0.0002	-0.0003	186.0464	0	0	0
Base	24	51	DConS11	Combination	Min	0.0002	-0.0003	186.0464	0	0	0
Base	24	51	DConS12	Combination	Max	0.0004	-0.0007	186.0336	0	0	0
Base	24	51	DConS12	Combination	Min	0.0004	-0.0007	186.0336	0	0	0
Base	24	51	DConS13	Combination	Max	0.0004	-0.0007	132.1429	0	0	0
Base	24	51	DConS13	Combination	Min	0.0004	-0.0007	132.1429	0	0	0
Base	24	51	DConS14	Combination	Max	0.0002	-0.0003	132.1033	0	0	0
Base	24	51	DConS14	Combination	Min	0.0002	-0.0003	132.1033	0	0	0
Base	24	51	DConS15	Combination	Max	0.0001	-0.0002	132.1305	0	0	0
Base	24	51	DConS15	Combination	Min	0.0001	-0.0002	132.1305	0	0	0
Base	24	51	DConS16	Combination	Max	0.0004	-0.0007	132.1157	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	24	51	DConS16	Combination	Min	0.0004	-0.0007	132.1157	0	0	0
Base	24	51	DConS17	Combination	Max	0.0003	-0.0005	94.3935	0	0	0
Base	24	51	DConS17	Combination	Min	0.0003	-0.0005	94.3935	0	0	0
Base	24	51	DConS18	Combination	Max	0.0001	-0.0001	94.3538	0	0	0
Base	24	51	DConS18	Combination	Min	0.0001	-0.0001	94.3538	0	0	0
Base	24	51	DConS19	Combination	Max	0.0001	-0.0001	94.3811	0	0	0
Base	24	51	DConS19	Combination	Min	0.0001	-0.0001	94.3811	0	0	0
Base	24	51	DConS20	Combination	Max	0.0003	-0.0006	94.3662	0	0	0
Base	24	51	DConS20	Combination	Min	0.0003	-0.0006	94.3662	0	0	0
Base	24	51	DCmpD1	Combination		0.0002	-0.0003	94.3736	0	0	0
Base	24	51	DCmpD2	Combination		0.0003	-0.0004	155.0333	0	0	0
Base	24	51	DCmpS1	Combination		0.0003	-0.0005	132.1231	0	0	0
Base	24	51	DCmpS2	Combination		0.0004	-0.0006	229.1786	0	0	0
Base	24	51	DCmpC1	Combination		0.0003	-0.0005	132.1231	0	0	0
Base	25	61	Dead	LinStatic		-0.0007	-0.0041	94.6123	0	0	0
Base	25	61	Live	LinStatic		-0.0002	-0.0014	60.5546	0	0	0
Base	25	61	WIND	LinStatic		-0.0005	-0.0028	0.0516	0	0	0
Base	25	61	EQX	LinStatic	Max	-0.0003	-0.0017	-0.4095	0	0	0
Base	25	61	EQX	LinStatic	Min	-0.0003	-0.0017	-0.4095	0	0	0
Base	25	61	EQY	LinStatic	Max	0.0003	0.002	-0.039	0	0	0
Base	25	61	EQY	LinStatic	Min	0.0003	0.002	-0.039	0	0	0
Base	25	61	DSlbS1	Combination		-0.001	-0.0057	132.4572	0	0	0
Base	25	61	DSlbS2	Combination		-0.0013	-0.008	229.3446	0	0	0
Base	25	61	DSlbS3	Combination		-0.0017	-0.01	186.2622	0	0	0
Base	25	61	DSlbS4	Combination		-0.0005	-0.0033	186.1383	0	0	0
Base	25	61	DSlbS5	Combination		-0.0016	-0.0097	132.5295	0	0	0
Base	25	61	DSlbS6	Combination		-0.0003	-0.0018	132.3849	0	0	0
Base	25	61	DSlbS7	Combination		-0.0013	-0.0081	94.6846	0	0	0
Base	25	61	DSlbS8	Combination		-2.462E-05	-0.0001	94.54	0	0	0
Base	25	61	DStlS1	Combination		-0.001	-0.0057	132.4572	0	0	0
Base	25	61	DStlS2	Combination		-0.0013	-0.008	229.3446	0	0	0
Base	25	61	DStlS3	Combination		-0.0017	-0.01	186.2622	0	0	0
Base	25	61	DStlS4	Combination		-0.0005	-0.0033	186.1383	0	0	0
Base	25	61	DStlS5	Combination		-0.0016	-0.0097	132.5295	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	61	DStIS6	Combination		-0.0003	-0.0018	132.3849	0	0	0
Base	25	61	DStIS7	Combination		-0.0013	-0.0081	94.6846	0	0	0
Base	25	61	DStIS8	Combination		-2.462E-05	-0.0001	94.54	0	0	0
Base	25	61	DStIS9	Combination	Max	-0.0015	-0.0087	185.7089	0	0	0
Base	25	61	DStIS9	Combination	Min	-0.0015	-0.0087	185.7089	0	0	0
Base	25	61	DStIS10	Combination	Max	-0.0008	-0.0046	186.6916	0	0	0
Base	25	61	DStIS10	Combination	Min	-0.0008	-0.0046	186.6916	0	0	0
Base	25	61	DStIS11	Combination	Max	-0.0007	-0.0042	186.1534	0	0	0
Base	25	61	DStIS11	Combination	Min	-0.0007	-0.0042	186.1534	0	0	0
Base	25	61	DStIS12	Combination	Max	-0.0015	-0.0091	186.2471	0	0	0
Base	25	61	DStIS12	Combination	Min	-0.0015	-0.0091	186.2471	0	0	0
Base	25	61	DStIS13	Combination	Max	-0.0014	-0.0082	131.8839	0	0	0
Base	25	61	DStIS13	Combination	Min	-0.0014	-0.0082	131.8839	0	0	0
Base	25	61	DStIS14	Combination	Max	-0.0006	-0.0033	133.0305	0	0	0
Base	25	61	DStIS14	Combination	Min	-0.0006	-0.0033	133.0305	0	0	0
Base	25	61	DStIS15	Combination	Max	-0.0005	-0.0029	132.4025	0	0	0
Base	25	61	DStIS15	Combination	Min	-0.0005	-0.0029	132.4025	0	0	0
Base	25	61	DStIS16	Combination	Max	-0.0014	-0.0086	132.5119	0	0	0
Base	25	61	DStIS16	Combination	Min	-0.0014	-0.0086	132.5119	0	0	0
Base	25	61	DStIS17	Combination	Max	-0.0011	-0.0065	94.039	0	0	0
Base	25	61	DStIS17	Combination	Min	-0.0011	-0.0065	94.039	0	0	0
Base	25	61	DStIS18	Combination	Max	-0.0003	-0.0017	95.1855	0	0	0
Base	25	61	DStIS18	Combination	Min	-0.0003	-0.0017	95.1855	0	0	0
Base	25	61	DStIS19	Combination	Max	-0.0002	-0.0013	94.5576	0	0	0
Base	25	61	DStIS19	Combination	Min	-0.0002	-0.0013	94.5576	0	0	0
Base	25	61	DStIS20	Combination	Max	-0.0012	-0.0069	94.667	0	0	0
Base	25	61	DStIS20	Combination	Min	-0.0012	-0.0069	94.667	0	0	0
Base	25	61	DStID1	Combination		-0.0007	-0.0041	94.6123	0	0	0
Base	25	61	DStID2	Combination		-0.0009	-0.0055	155.1669	0	0	0
Base	25	61	DConS1	Combination		-0.001	-0.0057	132.4572	0	0	0
Base	25	61	DConS2	Combination		-0.0013	-0.008	229.3446	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	61	DConS3	Combination		-0.0017	-0.01	186.2622	0	0	0
Base	25	61	DConS4	Combination		-0.0005	-0.0033	186.1383	0	0	0
Base	25	61	DConS5	Combination		-0.0016	-0.0097	132.5295	0	0	0
Base	25	61	DConS6	Combination		-0.0003	-0.0018	132.3849	0	0	0
Base	25	61	DConS7	Combination		-0.0013	-0.0081	94.6846	0	0	0
Base	25	61	DConS8	Combination		-2.462E-05	-0.0001	94.54	0	0	0
Base	25	61	DConS9	Combination	Max	-0.0015	-0.0087	185.7089	0	0	0
Base	25	61	DConS9	Combination	Min	-0.0015	-0.0087	185.7089	0	0	0
Base	25	61	DConS10	Combination	Max	-0.0008	-0.0046	186.6916	0	0	0
Base	25	61	DConS10	Combination	Min	-0.0008	-0.0046	186.6916	0	0	0
Base	25	61	DConS11	Combination	Max	-0.0007	-0.0042	186.1534	0	0	0
Base	25	61	DConS11	Combination	Min	-0.0007	-0.0042	186.1534	0	0	0
Base	25	61	DConS12	Combination	Max	-0.0015	-0.0091	186.2471	0	0	0
Base	25	61	DConS12	Combination	Min	-0.0015	-0.0091	186.2471	0	0	0
Base	25	61	DConS13	Combination	Max	-0.0014	-0.0082	131.8839	0	0	0
Base	25	61	DConS13	Combination	Min	-0.0014	-0.0082	131.8839	0	0	0
Base	25	61	DConS14	Combination	Max	-0.0006	-0.0033	133.0305	0	0	0
Base	25	61	DConS14	Combination	Min	-0.0006	-0.0033	133.0305	0	0	0
Base	25	61	DConS15	Combination	Max	-0.0005	-0.0029	132.4025	0	0	0
Base	25	61	DConS15	Combination	Min	-0.0005	-0.0029	132.4025	0	0	0
Base	25	61	DConS16	Combination	Max	-0.0014	-0.0086	132.5119	0	0	0
Base	25	61	DConS16	Combination	Min	-0.0014	-0.0086	132.5119	0	0	0
Base	25	61	DConS17	Combination	Max	-0.0011	-0.0065	94.039	0	0	0
Base	25	61	DConS17	Combination	Min	-0.0011	-0.0065	94.039	0	0	0
Base	25	61	DConS18	Combination	Max	-0.0003	-0.0017	95.1855	0	0	0
Base	25	61	DConS18	Combination	Min	-0.0003	-0.0017	95.1855	0	0	0
Base	25	61	DConS19	Combination	Max	-0.0002	-0.0013	94.5576	0	0	0
Base	25	61	DConS19	Combination	Min	-0.0002	-0.0013	94.5576	0	0	0
Base	25	61	DConS20	Combination	Max	-0.0012	-0.0069	94.667	0	0	0
Base	25	61	DConS20	Combination	Min	-0.0012	-0.0069	94.667	0	0	0
Base	25	61	DCmpD1	Combination		-0.0007	-0.0041	94.6123	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	61	DCmpD2	Combination		-0.0009	-0.0055	155.1669	0	0	0
Base	25	61	DCmpS1	Combination		-0.001	-0.0057	132.4572	0	0	0
Base	25	61	DCmpS2	Combination		-0.0013	-0.008	229.3446	0	0	0
Base	25	61	DCmpC1	Combination		-0.001	-0.0057	132.4572	0	0	0
Base	26	62	Dead	LinStatic		2.5171	-1.6674	113.5648	0	0	0
Base	26	62	Live	LinStatic		0.1803	-0.9353	60.1509	0	0	0
Base	26	62	WIND	LinStatic		0.1823	2.6665	3.1722	0	0	0
Base	26	62	EQX	LinStatic	Max	-1.836	-0.0327	-1.5571	0	0	0
Base	26	62	EQX	LinStatic	Min	-1.836	-0.0327	-1.5571	0	0	0
Base	26	62	EQY	LinStatic	Max	-0.1349	-2.259	-2.5636	0	0	0
Base	26	62	EQY	LinStatic	Min	-0.1349	-2.259	-2.5636	0	0	0
Base	26	62	DSlbS1	Combination		3.5239	-2.3343	158.9908	0	0	0
Base	26	62	DSlbS2	Combination		3.8123	-3.8308	255.2322	0	0	0
Base	26	62	DSlbS3	Combination		3.4555	0.0765	212.2655	0	0	0
Base	26	62	DSlbS4	Combination		3.0181	-6.323	204.6523	0	0	0
Base	26	62	DSlbS5	Combination		3.7791	1.3987	163.4318	0	0	0
Base	26	62	DSlbS6	Combination		3.2687	-6.0674	154.5497	0	0	0
Base	26	62	DSlbS7	Combination		2.7723	2.0657	118.0059	0	0	0
Base	26	62	DSlbS8	Combination		2.2619	-5.4004	109.1238	0	0	0
Base	26	62	DStlS1	Combination		3.5239	-2.3343	158.9908	0	0	0
Base	26	62	DStlS2	Combination		3.8123	-3.8308	255.2322	0	0	0
Base	26	62	DStlS3	Combination		3.4555	0.0765	212.2655	0	0	0
Base	26	62	DStlS4	Combination		3.0181	-6.323	204.6523	0	0	0
Base	26	62	DStlS5	Combination		3.7791	1.3987	163.4318	0	0	0
Base	26	62	DStlS6	Combination		3.2687	-6.0674	154.5497	0	0	0
Base	26	62	DStlS7	Combination		2.7723	2.0657	118.0059	0	0	0
Base	26	62	DStlS8	Combination		2.2619	-5.4004	109.1238	0	0	0
Base	26	62	DStlS9	Combination	Max	1.0336	-3.1625	206.5904	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	26	62	DStIS9	Combination	Min	1.0336	-3.1625	206.5904	0	0	0
Base	26	62	DStIS10	Combination	Max	5.44	-3.084	210.3273	0	0	0
Base	26	62	DStIS10	Combination	Min	5.44	-3.084	210.3273	0	0	0
Base	26	62	DStIS11	Combination	Max	3.0749	-5.834	205.3825	0	0	0
Base	26	62	DStIS11	Combination	Min	3.0749	-5.834	205.3825	0	0	0
Base	26	62	DStIS12	Combination	Max	3.3987	-0.4125	211.5352	0	0	0
Base	26	62	DStIS12	Combination	Min	3.3987	-0.4125	211.5352	0	0	0
Base	26	62	DStIS13	Combination	Max	0.9535	-2.3801	156.8109	0	0	0
Base	26	62	DStIS13	Combination	Min	0.9535	-2.3801	156.8109	0	0	0
Base	26	62	DStIS14	Combination	Max	6.0943	-2.2885	161.1706	0	0	0
Base	26	62	DStIS14	Combination	Min	6.0943	-2.2885	161.1706	0	0	0
Base	26	62	DStIS15	Combination	Max	3.3351	-5.4969	155.4017	0	0	0
Base	26	62	DStIS15	Combination	Min	3.3351	-5.4969	155.4017	0	0	0
Base	26	62	DStIS16	Combination	Max	3.7128	0.8282	162.5798	0	0	0
Base	26	62	DStIS16	Combination	Min	3.7128	0.8282	162.5798	0	0	0
Base	26	62	DStIS17	Combination	Max	-0.0533	-1.7132	111.385	0	0	0
Base	26	62	DStIS17	Combination	Min	-0.0533	-1.7132	111.385	0	0	0
Base	26	62	DStIS18	Combination	Max	5.0875	-1.6216	115.7447	0	0	0
Base	26	62	DStIS18	Combination	Min	5.0875	-1.6216	115.7447	0	0	0
Base	26	62	DStIS19	Combination	Max	2.3282	-4.83	109.9757	0	0	0
Base	26	62	DStIS19	Combination	Min	2.3282	-4.83	109.9757	0	0	0
Base	26	62	DStIS20	Combination	Max	2.7059	1.4952	117.1539	0	0	0
Base	26	62	DStIS20	Combination	Min	2.7059	1.4952	117.1539	0	0	0
Base	26	62	DStID1	Combination		2.5171	-1.6674	113.5648	0	0	0
Base	26	62	DStID2	Combination		2.6973	-2.6027	173.7157	0	0	0
Base	26	62	DConS1	Combination		3.5239	-2.3343	158.9908	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	26	62	DConS2	Combination		3.8123	-3.8308	255.2322	0	0	0
Base	26	62	DConS3	Combination		3.4555	0.0765	212.2655	0	0	0
Base	26	62	DConS4	Combination		3.0181	-6.323	204.6523	0	0	0
Base	26	62	DConS5	Combination		3.7791	1.3987	163.4318	0	0	0
Base	26	62	DConS6	Combination		3.2687	-6.0674	154.5497	0	0	0
Base	26	62	DConS7	Combination		2.7723	2.0657	118.0059	0	0	0
Base	26	62	DConS8	Combination		2.2619	-5.4004	109.1238	0	0	0
Base	26	62	DConS9	Combination	Max	1.0336	-3.1625	206.5904	0	0	0
Base	26	62	DConS9	Combination	Min	1.0336	-3.1625	206.5904	0	0	0
Base	26	62	DConS10	Combination	Max	5.44	-3.084	210.3273	0	0	0
Base	26	62	DConS10	Combination	Min	5.44	-3.084	210.3273	0	0	0
Base	26	62	DConS11	Combination	Max	3.0749	-5.834	205.3825	0	0	0
Base	26	62	DConS11	Combination	Min	3.0749	-5.834	205.3825	0	0	0
Base	26	62	DConS12	Combination	Max	3.3987	-0.4125	211.5352	0	0	0
Base	26	62	DConS12	Combination	Min	3.3987	-0.4125	211.5352	0	0	0
Base	26	62	DConS13	Combination	Max	0.9535	-2.3801	156.8109	0	0	0
Base	26	62	DConS13	Combination	Min	0.9535	-2.3801	156.8109	0	0	0
Base	26	62	DConS14	Combination	Max	6.0943	-2.2885	161.1706	0	0	0
Base	26	62	DConS14	Combination	Min	6.0943	-2.2885	161.1706	0	0	0
Base	26	62	DConS15	Combination	Max	3.3351	-5.4969	155.4017	0	0	0
Base	26	62	DConS15	Combination	Min	3.3351	-5.4969	155.4017	0	0	0
Base	26	62	DConS16	Combination	Max	3.7128	0.8282	162.5798	0	0	0
Base	26	62	DConS16	Combination	Min	3.7128	0.8282	162.5798	0	0	0
Base	26	62	DConS17	Combination	Max	-0.0533	-1.7132	111.385	0	0	0
Base	26	62	DConS17	Combination	Min	-0.0533	-1.7132	111.385	0	0	0
Base	26	62	DConS18	Combination	Max	5.0875	-1.6216	115.7447	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	26	62	DConS18	Combination	Min	5.0875	-1.6216	115.7447	0	0	0
Base	26	62	DConS19	Combination	Max	2.3282	-4.83	109.9757	0	0	0
Base	26	62	DConS19	Combination	Min	2.3282	-4.83	109.9757	0	0	0
Base	26	62	DConS20	Combination	Max	2.7059	1.4952	117.1539	0	0	0
Base	26	62	DConS20	Combination	Min	2.7059	1.4952	117.1539	0	0	0
Base	26	62	DCmpD1	Combination		2.5171	-1.6674	113.5648	0	0	0
Base	26	62	DCmpD2	Combination		2.6973	-2.6027	173.7157	0	0	0
Base	26	62	DCmpS1	Combination		3.5239	-2.3343	158.9908	0	0	0
Base	26	62	DCmpS2	Combination		3.8123	-3.8308	255.2322	0	0	0
Base	26	62	DCmpC1	Combination		3.5239	-2.3343	158.9908	0	0	0
Base	27	63	Dead	LinStatic		0.0068	0.0004	94.0526	0	0	0
Base	27	63	Live	LinStatic		0.0024	0.0001	60.7341	0	0	0
Base	27	63	WIND	LinStatic		0.0046	0.0003	0.8193	0	0	0
Base	27	63	EQX	LinStatic	Max	0.0029	0.0002	-0.0264	0	0	0
Base	27	63	EQX	LinStatic	Min	0.0029	0.0002	-0.0264	0	0	0
Base	27	63	EQY	LinStatic	Max	-0.0033	-0.0002	-0.6986	0	0	0
Base	27	63	EQY	LinStatic	Min	-0.0033	-0.0002	-0.6986	0	0	0
Base	27	63	DSlbS1	Combination		0.0095	0.0006	131.6736	0	0	0
Base	27	63	DSlbS2	Combination		0.0132	0.0008	228.8482	0	0	0
Base	27	63	DSlbS3	Combination		0.0165	0.001	186.7272	0	0	0
Base	27	63	DSlbS4	Combination		0.0054	0.0003	184.7609	0	0	0
Base	27	63	DSlbS5	Combination		0.016	0.0009	132.8206	0	0	0
Base	27	63	DSlbS6	Combination		0.0029	0.0002	130.5266	0	0	0
Base	27	63	DSlbS7	Combination		0.0133	0.0008	95.1996	0	0	0
Base	27	63	DSlbS8	Combination		0.0002	1.426E-05	92.9056	0	0	0
Base	27	63	DStIS1	Combination		0.0095	0.0006	131.6736	0	0	0
Base	27	63	DStIS2	Combination		0.0132	0.0008	228.8482	0	0	0
Base	27	63	DStIS3	Combination		0.0165	0.001	186.7272	0	0	0
Base	27	63	DStIS4	Combination		0.0054	0.0003	184.7609	0	0	0
Base	27	63	DStIS5	Combination		0.016	0.0009	132.8206	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	27	63	DStIS6	Combination		0.0029	0.0002	130.5266	0	0	0
Base	27	63	DStIS7	Combination		0.0133	0.0008	95.1996	0	0	0
Base	27	63	DStIS8	Combination		0.0002	1.426E-05	92.9056	0	0	0
Base	27	63	DStIS9	Combination	Max	0.0144	0.0008	185.7124	0	0	0
Base	27	63	DStIS9	Combination	Min	0.0144	0.0008	185.7124	0	0	0
Base	27	63	DStIS10	Combination	Max	0.0075	0.0004	185.7757	0	0	0
Base	27	63	DStIS10	Combination	Min	0.0075	0.0004	185.7757	0	0	0
Base	27	63	DStIS11	Combination	Max	0.0069	0.0004	184.9058	0	0	0
Base	27	63	DStIS11	Combination	Min	0.0069	0.0004	184.9058	0	0	0
Base	27	63	DStIS12	Combination	Max	0.015	0.0009	186.5823	0	0	0
Base	27	63	DStIS12	Combination	Min	0.015	0.0009	186.5823	0	0	0
Base	27	63	DStIS13	Combination	Max	0.0135	0.0008	131.6367	0	0	0
Base	27	63	DStIS13	Combination	Min	0.0135	0.0008	131.6367	0	0	0
Base	27	63	DStIS14	Combination	Max	0.0054	0.0003	131.7106	0	0	0
Base	27	63	DStIS14	Combination	Min	0.0054	0.0003	131.7106	0	0	0
Base	27	63	DStIS15	Combination	Max	0.0048	0.0003	130.6956	0	0	0
Base	27	63	DStIS15	Combination	Min	0.0048	0.0003	130.6956	0	0	0
Base	27	63	DStIS16	Combination	Max	0.0141	0.0008	132.6516	0	0	0
Base	27	63	DStIS16	Combination	Min	0.0141	0.0008	132.6516	0	0	0
Base	27	63	DStIS17	Combination	Max	0.0108	0.0006	94.0156	0	0	0
Base	27	63	DStIS17	Combination	Min	0.0108	0.0006	94.0156	0	0	0
Base	27	63	DStIS18	Combination	Max	0.0027	0.0002	94.0895	0	0	0
Base	27	63	DStIS18	Combination	Min	0.0027	0.0002	94.0895	0	0	0
Base	27	63	DStIS19	Combination	Max	0.0021	0.0001	93.0746	0	0	0
Base	27	63	DStIS19	Combination	Min	0.0021	0.0001	93.0746	0	0	0
Base	27	63	DStIS20	Combination	Max	0.0114	0.0007	95.0306	0	0	0
Base	27	63	DStIS20	Combination	Min	0.0114	0.0007	95.0306	0	0	0
Base	27	63	DStID1	Combination		0.0068	0.0004	94.0526	0	0	0
Base	27	63	DStID2	Combination		0.0091	0.0005	154.7867	0	0	0
Base	27	63	DConS1	Combination		0.0095	0.0006	131.6736	0	0	0
Base	27	63	DConS2	Combination		0.0132	0.0008	228.8482	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	27	63	DConS3	Combination		0.0165	0.001	186.7272	0	0	0
Base	27	63	DConS4	Combination		0.0054	0.0003	184.7609	0	0	0
Base	27	63	DConS5	Combination		0.016	0.0009	132.8206	0	0	0
Base	27	63	DConS6	Combination		0.0029	0.0002	130.5266	0	0	0
Base	27	63	DConS7	Combination		0.0133	0.0008	95.1996	0	0	0
Base	27	63	DConS8	Combination		0.0002	1.426E-05	92.9056	0	0	0
Base	27	63	DConS9	Combination	Max	0.0144	0.0008	185.7124	0	0	0
Base	27	63	DConS9	Combination	Min	0.0144	0.0008	185.7124	0	0	0
Base	27	63	DConS10	Combination	Max	0.0075	0.0004	185.7757	0	0	0
Base	27	63	DConS10	Combination	Min	0.0075	0.0004	185.7757	0	0	0
Base	27	63	DConS11	Combination	Max	0.0069	0.0004	184.9058	0	0	0
Base	27	63	DConS11	Combination	Min	0.0069	0.0004	184.9058	0	0	0
Base	27	63	DConS12	Combination	Max	0.015	0.0009	186.5823	0	0	0
Base	27	63	DConS12	Combination	Min	0.015	0.0009	186.5823	0	0	0
Base	27	63	DConS13	Combination	Max	0.0135	0.0008	131.6367	0	0	0
Base	27	63	DConS13	Combination	Min	0.0135	0.0008	131.6367	0	0	0
Base	27	63	DConS14	Combination	Max	0.0054	0.0003	131.7106	0	0	0
Base	27	63	DConS14	Combination	Min	0.0054	0.0003	131.7106	0	0	0
Base	27	63	DConS15	Combination	Max	0.0048	0.0003	130.6956	0	0	0
Base	27	63	DConS15	Combination	Min	0.0048	0.0003	130.6956	0	0	0
Base	27	63	DConS16	Combination	Max	0.0141	0.0008	132.6516	0	0	0
Base	27	63	DConS16	Combination	Min	0.0141	0.0008	132.6516	0	0	0
Base	27	63	DConS17	Combination	Max	0.0108	0.0006	94.0156	0	0	0
Base	27	63	DConS17	Combination	Min	0.0108	0.0006	94.0156	0	0	0
Base	27	63	DConS18	Combination	Max	0.0027	0.0002	94.0895	0	0	0
Base	27	63	DConS18	Combination	Min	0.0027	0.0002	94.0895	0	0	0
Base	27	63	DConS19	Combination	Max	0.0021	0.0001	93.0746	0	0	0
Base	27	63	DConS19	Combination	Min	0.0021	0.0001	93.0746	0	0	0
Base	27	63	DConS20	Combination	Max	0.0114	0.0007	95.0306	0	0	0
Base	27	63	DConS20	Combination	Min	0.0114	0.0007	95.0306	0	0	0
Base	27	63	DCmpD1	Combination		0.0068	0.0004	94.0526	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	27	63	DCmpD2	Combination		0.0091	0.0005	154.7867	0	0	0
Base	27	63	DCmpS1	Combination		0.0095	0.0006	131.6736	0	0	0
Base	27	63	DCmpS2	Combination		0.0132	0.0008	228.8482	0	0	0
Base	27	63	DCmpC1	Combination		0.0095	0.0006	131.6736	0	0	0
Base	28	64	Dead	LinStatic		0.002	-0.0033	94.2556	0	0	0
Base	28	64	Live	LinStatic		0.0007	-0.0012	60.5069	0	0	0
Base	28	64	WIND	LinStatic		0.0014	-0.0023	0.0314	0	0	0
Base	28	64	EQX	LinStatic	Max	0.0008	-0.0014	-0.0309	0	0	0
Base	28	64	EQX	LinStatic	Min	0.0008	-0.0014	-0.0309	0	0	0
Base	28	64	EQY	LinStatic	Max	-0.001	0.0017	-0.0264	0	0	0
Base	28	64	EQY	LinStatic	Min	-0.001	0.0017	-0.0264	0	0	0
Base	28	64	DSlbS1	Combination		0.0028	-0.0047	131.9578	0	0	0
Base	28	64	DSlbS2	Combination		0.0039	-0.0066	228.7689	0	0	0
Base	28	64	DSlbS3	Combination		0.0049	-0.0082	185.7527	0	0	0
Base	28	64	DSlbS4	Combination		0.0016	-0.0027	185.6773	0	0	0
Base	28	64	DSlbS5	Combination		0.0047	-0.0079	132.0017	0	0	0
Base	28	64	DSlbS6	Combination		0.0009	-0.0015	131.9138	0	0	0
Base	28	64	DSlbS7	Combination		0.0039	-0.0066	94.2995	0	0	0
Base	28	64	DSlbS8	Combination		0.0001	-0.0001	94.2116	0	0	0
Base	28	64	DStlS1	Combination		0.0028	-0.0047	131.9578	0	0	0
Base	28	64	DStlS2	Combination		0.0039	-0.0066	228.7689	0	0	0
Base	28	64	DStlS3	Combination		0.0049	-0.0082	185.7527	0	0	0
Base	28	64	DStlS4	Combination		0.0016	-0.0027	185.6773	0	0	0
Base	28	64	DStlS5	Combination		0.0047	-0.0079	132.0017	0	0	0
Base	28	64	DStlS6	Combination		0.0009	-0.0015	131.9138	0	0	0
Base	28	64	DStlS7	Combination		0.0039	-0.0066	94.2995	0	0	0
Base	28	64	DStlS8	Combination		0.0001	-0.0001	94.2116	0	0	0
Base	28	64	DStlS9	Combination	Max	0.0043	-0.0071	185.6779	0	0	0
Base	28	64	DStlS9	Combination	Min	0.0043	-0.0071	185.6779	0	0	0
Base	28	64	DStlS10	Combination	Max	0.0022	-0.0037	185.752	0	0	0
Base	28	64	DStlS10	Combination	Min	0.0022	-0.0037	185.752	0	0	0
Base	28	64	DStlS11	Combination	Max	0.0021	-0.0034	185.6833	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	28	64	DStIS11	Combination	Min	0.0021	-0.0034	185.6833	0	0	0
Base	28	64	DStIS12	Combination	Max	0.0044	-0.0074	185.7467	0	0	0
Base	28	64	DStIS12	Combination	Min	0.0044	-0.0074	185.7467	0	0	0
Base	28	64	DStIS13	Combination	Max	0.004	-0.0067	131.9146	0	0	0
Base	28	64	DStIS13	Combination	Min	0.004	-0.0067	131.9146	0	0	0
Base	28	64	DStIS14	Combination	Max	0.0016	-0.0027	132.001	0	0	0
Base	28	64	DStIS14	Combination	Min	0.0016	-0.0027	132.001	0	0	0
Base	28	64	DStIS15	Combination	Max	0.0014	-0.0024	131.9208	0	0	0
Base	28	64	DStIS15	Combination	Min	0.0014	-0.0024	131.9208	0	0	0
Base	28	64	DStIS16	Combination	Max	0.0042	-0.007	131.9948	0	0	0
Base	28	64	DStIS16	Combination	Min	0.0042	-0.007	131.9948	0	0	0
Base	28	64	DStIS17	Combination	Max	0.0032	-0.0053	94.2123	0	0	0
Base	28	64	DStIS17	Combination	Min	0.0032	-0.0053	94.2123	0	0	0
Base	28	64	DStIS18	Combination	Max	0.0008	-0.0014	94.2988	0	0	0
Base	28	64	DStIS18	Combination	Min	0.0008	-0.0014	94.2988	0	0	0
Base	28	64	DStIS19	Combination	Max	0.0006	-0.001	94.2186	0	0	0
Base	28	64	DStIS19	Combination	Min	0.0006	-0.001	94.2186	0	0	0
Base	28	64	DStIS20	Combination	Max	0.0034	-0.0057	94.2925	0	0	0
Base	28	64	DStIS20	Combination	Min	0.0034	-0.0057	94.2925	0	0	0
Base	28	64	DStID1	Combination		0.002	-0.0033	94.2556	0	0	0
Base	28	64	DStID2	Combination		0.0027	-0.0045	154.7625	0	0	0
Base	28	64	DConS1	Combination		0.0028	-0.0047	131.9578	0	0	0
Base	28	64	DConS2	Combination		0.0039	-0.0066	228.7689	0	0	0
Base	28	64	DConS3	Combination		0.0049	-0.0082	185.7527	0	0	0
Base	28	64	DConS4	Combination		0.0016	-0.0027	185.6773	0	0	0
Base	28	64	DConS5	Combination		0.0047	-0.0079	132.0017	0	0	0
Base	28	64	DConS6	Combination		0.0009	-0.0015	131.9138	0	0	0
Base	28	64	DConS7	Combination		0.0039	-0.0066	94.2995	0	0	0
Base	28	64	DConS8	Combination		0.0001	-0.0001	94.2116	0	0	0
Base	28	64	DConS9	Combination	Max	0.0043	-0.0071	185.6779	0	0	0
Base	28	64	DConS9	Combination	Min	0.0043	-0.0071	185.6779	0	0	0
Base	28	64	DConS10	Combination	Max	0.0022	-0.0037	185.752	0	0	0
Base	28	64	DConS10	Combination	Min	0.0022	-0.0037	185.752	0	0	0

Table 5.4 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	28	64	DConS11	Combination	Max	0.0021	-0.0034	185.6833	0	0	0
Base	28	64	DConS11	Combination	Min	0.0021	-0.0034	185.6833	0	0	0
Base	28	64	DConS12	Combination	Max	0.0044	-0.0074	185.7467	0	0	0
Base	28	64	DConS12	Combination	Min	0.0044	-0.0074	185.7467	0	0	0
Base	28	64	DConS13	Combination	Max	0.004	-0.0067	131.9146	0	0	0
Base	28	64	DConS13	Combination	Min	0.004	-0.0067	131.9146	0	0	0
Base	28	64	DConS14	Combination	Max	0.0016	-0.0027	132.001	0	0	0
Base	28	64	DConS14	Combination	Min	0.0016	-0.0027	132.001	0	0	0
Base	28	64	DConS15	Combination	Max	0.0014	-0.0024	131.9208	0	0	0
Base	28	64	DConS15	Combination	Min	0.0014	-0.0024	131.9208	0	0	0
Base	28	64	DConS16	Combination	Max	0.0042	-0.007	131.9948	0	0	0
Base	28	64	DConS16	Combination	Min	0.0042	-0.007	131.9948	0	0	0
Base	28	64	DConS17	Combination	Max	0.0032	-0.0053	94.2123	0	0	0
Base	28	64	DConS17	Combination	Min	0.0032	-0.0053	94.2123	0	0	0
Base	28	64	DConS18	Combination	Max	0.0008	-0.0014	94.2988	0	0	0
Base	28	64	DConS18	Combination	Min	0.0008	-0.0014	94.2988	0	0	0
Base	28	64	DConS19	Combination	Max	0.0006	-0.001	94.2186	0	0	0
Base	28	64	DConS19	Combination	Min	0.0006	-0.001	94.2186	0	0	0
Base	28	64	DConS20	Combination	Max	0.0034	-0.0057	94.2925	0	0	0
Base	28	64	DConS20	Combination	Min	0.0034	-0.0057	94.2925	0	0	0
Base	28	64	DCmpD1	Combination		0.002	-0.0033	94.2556	0	0	0
Base	28	64	DCmpD2	Combination		0.0027	-0.0045	154.7625	0	0	0
Base	28	64	DCmpS1	Combination		0.0028	-0.0047	131.9578	0	0	0
Base	28	64	DCmpS2	Combination		0.0039	-0.0066	228.7689	0	0	0
Base	28	64	DCmpC1	Combination		0.0028	-0.0047	131.9578	0	0	0

5.4 Modal Results

Table 5.5 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.498	2.007	12.6089	158.9834
Modal	2	0.439	2.28	14.3264	205.2455
Modal	3	0.365	2.738	17.2047	296.0009
Modal	4	0.332	3.013	18.9305	358.3621
Modal	5	0.285	3.512	22.0672	486.9629
Modal	6	0.158	6.343	39.8522	1588.2007

Table 5.5 - Modal Periods And Frequencies (continued)

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	7	0.153	6.516	40.9399	1676.072
Modal	8	0.082	12.195	76.625	5871.3938
Modal	9	0.077	12.924	81.2033	6593.9728
Modal	10	0.072	13.882	87.2202	7607.3635
Modal	11	0.067	14.992	94.1972	8873.1191
Modal	12	0.064	15.659	98.3883	9680.2602

Table 5.6 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY
Modal	1	0.498	3.695E-06	0.51	0	3.695E-06	0.51	0	0.7573	5.355E-06
Modal	2	0.439	0.4635	6.844E-07	0	0.4635	0.51	0	1.455E-06	0.6878
Modal	3	0.365	0.0003	0.002	0	0.4638	0.512	0	0.002	0.0004
Modal	4	0.332	0.0211	0.0001	0	0.4849	0.5121	0	0.0001	0.0293
Modal	5	0.285	0.0304	0.0001	0	0.5153	0.5121	0	0.0001	0.04
Modal	6	0.158	2.413E-06	3.018E-06	0	0.5153	0.5122	0	1.703E-06	0
Modal	7	0.153	0.0002	1.703E-06	0	0.5155	0.5122	0	2.385E-06	0.0002
Modal	8	0.082	1.097E-05	0.0025	0	0.5155	0.5146	0	2.489E-05	1.495E-05
Modal	9	0.077	3.599E-06	0.0073	0	0.5155	0.5219	0	0.0006	5.843E-07
Modal	10	0.072	1.024E-06	0.0001	0	0.5155	0.522	0	0.0001	6.556E-06
Modal	11	0.067	1.214E-05	0.0002	0	0.5155	0.5222	0	0.0003	0
Modal	12	0.064	0.0001	0.0025	0	0.5156	0.5247	0	0.0014	6.221E-07

Table 5.6 - Modal Participating Mass Ratios (Part 2 of 2)

Case	Mode	RZ	SumRX	SumRY	SumRZ
Modal	1	0.0017	0.7573	5.355E-06	0.0017
Modal	2	0.0006	0.7573	0.6878	0.0023
Modal	3	0.6	0.7592	0.6882	0.6023
Modal	4	0.0047	0.7593	0.7174	0.607
Modal	5	0.0019	0.7593	0.7575	0.6089
Modal	6	0.0001	0.7593	0.7575	0.6089
Modal	7	1.224E-05	0.7594	0.7576	0.609
Modal	8	0.0019	0.7594	0.7577	0.6109
Modal	9	0.0048	0.76	0.7577	0.6157
Modal	10	0.0001	0.76	0.7577	0.6158
Modal	11	0.0015	0.7603	0.7577	0.6174
Modal	12	0.0023	0.7617	0.7577	0.6197

Table 5.7 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	99.94	51.56
Modal	Acceleration	UY	99.98	52.47
Modal	Acceleration	UZ	0	0

Table 5.8 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	0.498	0	0.997	0	0.003
Modal	2	0.439	0.999	0	0	0.001
Modal	3	0.365	0.001	0.005	0	0.994
Modal	4	0.332	0.34	0.001	0	0.659
Modal	5	0.285	0.829	0.002	0	0.17
Modal	6	0.158	0	0	0	1
Modal	7	0.153	0.001	0	0	0.999
Modal	8	0.082	0	0.523	0	0.477
Modal	9	0.077	0	0.528	0	0.472
Modal	10	0.072	0.001	0.118	0	0.882
Modal	11	0.067	0.001	0.118	0	0.881
Modal	12	0.064	0.007	0.288	0	0.705

6 Design Data

This chapter provides design data and results.

6.1 Concrete Frame Design

Table 6.1 - Concrete Frame Design Preferences - BS 8110-97

Item	Value
Multi-Response Design	Step-by-Step - All
# Interaction Curves	24
# Interaction Points	11
Minimum Eccentricity?	Yes
Ignore Beneficial Pu for Beam Design?	Yes
Gamma (Steel)	1.15
Gamma (Concrete)	1.5
Gamma (Concrete Shear)	1.25
Pattern Live Load Factor	0.75
Utilization Factor Limit	1

Table 6.2 - Concrete Column Overwrites - BS 8110-97 (Part 1 of 2)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	LLRF	Unbraced Length Ratio (Major)	Unbraced Length Ratio (Minor)
Story2	C1	82	Column	Program Determined	Program Determined	0	0	0
Story2	C2	84	Column	Program Determined	Program Determined	0	0	0
Story2	C3	86	Column	Program Determined	Program Determined	0	0	0
Story2	C4	88	Column	Program Determined	Program Determined	0	0	0
Story2	C5	90	Column	Program Determined	Program Determined	0	0	0
Story2	C6	92	Column	Program Determined	Program Determined	0	0	0
Story2	C7	94	Column	Program Determined	Program Determined	0	0	0
Story2	C8	96	Column	Program Determined	Program Determined	0	0	0
Story2	C9	98	Column	Program Determined	Program Determined	0	0	0
Story2	C10	100	Column	Program Determined	Program Determined	0	0	0
Story2	C11	102	Column	Program Determined	Program Determined	0	0	0
Story2	C12	104	Column	Program Determined	Program Determined	0	0	0
Story2	C13	106	Column	Program Determined	Program Determined	0	0	0
Story2	C14	108	Column	Program Determined	Program Determined	0	0	0
Story2	C15	110	Column	Program Determined	Program Determined	0	0	0
Story2	C16	112	Column	Program Determined	Program Determined	0	0	0
Story2	C17	114	Column	Program Determined	Program Determined	0	0	0
Story2	C18	116	Column	Program Determined	Program Determined	0	0	0
Story1	C1	83	Column	Program Determined	Program Determined	0	0	0
Story1	C2	85	Column	Program Determined	Program Determined	0	0	0
Story1	C3	87	Column	Program Determined	Program Determined	0	0	0
Story1	C4	89	Column	Program Determined	Program Determined	0	0	0
Story1	C5	91	Column	Program Determined	Program Determined	0	0	0
Story1	C6	93	Column	Program Determined	Program Determined	0	0	0
Story1	C7	95	Column	Program Determined	Program Determined	0	0	0
Story1	C8	97	Column	Program Determined	Program Determined	0	0	0
Story1	C9	99	Column	Program Determined	Program Determined	0	0	0
Story1	C10	101	Column	Program Determined	Program Determined	0	0	0
Story1	C11	103	Column	Program Determined	Program Determined	0	0	0
Story1	C12	105	Column	Program Determined	Program Determined	0	0	0

Table 6.2 - Concrete Column Overwrites - BS 8110-97 (Part 2 of 2, continued)

Effective Length Factor (Beta Major)	Effective Length Factor (Beta Minor)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minor)	Non Sway Moment Factor (Dns Major)	Non Sway Moment Factor (Dns Minor)	Sway Moment Factor (Ds Major)	Sway Moment Factor (Ds Minor)	Consider Minimum Eccentricity?
0	0	0	0	0	0	0	0	Program Determined
0	0	0	0	0	0	0	0	Program Determined
0	0	0	0	0	0	0	0	Program Determined
0	0	0	0	0	0	0	0	Program Determined

Table 6.3 - Concrete Beam Overwrites - BS 8110-97 (Part 1 of 2)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	LLRF	Unbraced Length Ratio (Major)	Unbraced Length Ratio (Minor)
Story2	B1	1	Beam	Program Determined	Program Determined	0	0	0
Story2	B2	5	Beam	Program Determined	Program Determined	0	0	0
Story2	B3	9	Beam	Program Determined	Program Determined	0	0	0
Story2	B4	13	Beam	Program Determined	Program Determined	0	0	0
Story2	B5	17	Beam	Program Determined	Program Determined	0	0	0
Story2	B6	120	Beam	Program Determined	Program Determined	0	0	0
Story2	B7	121	Beam	Program Determined	Program Determined	0	0	0
Story2	B8	128	Beam	Program Determined	Program Determined	0	0	0
Story2	B9	141	Beam	Program Determined	Program Determined	0	0	0
Story2	B10	142	Beam	Program Determined	Program Determined	0	0	0
Story2	B11	143	Beam	Program Determined	Program Determined	0	0	0
Story2	B12	144	Beam	Program Determined	Program Determined	0	0	0
Story2	B13	145	Beam	Program Determined	Program Determined	0	0	0
Story2	B14	147	Beam	Program Determined	Program Determined	0	0	0
Story2	B15	745	Beam	Program Determined	Program Determined	0	0	0
Story2	B16	747	Beam	Program Determined	Program Determined	0	0	0
Story2	B17	748	Beam	Program Determined	Program Determined	0	0	0
Story2	B18	21	Beam	Program Determined	Program Determined	0	0	0
Story1	B1	2	Beam	Program Determined	Program Determined	0	0	0
Story1	B2	4	Beam	Program Determined	Program Determined	0	0	0
Story1	B3	6	Beam	Program Determined	Program Determined	0	0	0
Story1	B4	8	Beam	Program Determined	Program Determined	0	0	0
Story1	B5	10	Beam	Program Determined	Program Determined	0	0	0
Story1	B6	12	Beam	Program Determined	Program Determined	0	0	0
Story1	B7	14	Beam	Program Determined	Program Determined	0	0	0
Story1	B8	16	Beam	Program Determined	Program Determined	0	0	0
Story1	B9	18	Beam	Program Determined	Program Determined	0	0	0
Story1	B10	20	Beam	Program Determined	Program Determined	0	0	0
Story1	B11	22	Beam	Program Determined	Program Determined	0	0	0
Story1	B12	24	Beam	Program Determined	Program Determined	0	0	0
Story1	B13	26	Beam	Program Determined	Program Determined	0	0	0
Story1	B14	28	Beam	Program Determined	Program Determined	0	0	0
Story1	B15	30	Beam	Program Determined	Program Determined	0	0	0
Story1	B16	32	Beam	Program Determined	Program Determined	0	0	0
Story1	B17	34	Beam	Program Determined	Program Determined	0	0	0
Story1	B18	36	Beam	Program Determined	Program Determined	0	0	0

Table 6.3 - Concrete Beam Overwrites - BS 8110-97 (Part 1 of 2, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	LLRF	Unbraced Length Ratio (Major)	Unbraced Length Ratio (Minor)
Story1	B30	778	Beam	Program Determined	Program Determined	0	0	0
Story1	B35	780	Beam	Program Determined	Program Determined	0	0	0
Base	B1	37	Beam	Program Determined	Program Determined	0	0	0
Base	B2	39	Beam	Program Determined	Program Determined	0	0	0
Base	B3	52	Beam	Program Determined	Program Determined	0	0	0
Base	B4	63	Beam	Program Determined	Program Determined	0	0	0
Base	B5	62	Beam	Program Determined	Program Determined	0	0	0
Base	B6	38	Beam	Program Determined	Program Determined	0	0	0
Base	B7	43	Beam	Program Determined	Program Determined	0	0	0
Base	B8	44	Beam	Program Determined	Program Determined	0	0	0
Base	B9	45	Beam	Program Determined	Program Determined	0	0	0
Base	B10	47	Beam	Program Determined	Program Determined	0	0	0
Base	B11	54	Beam	Program Determined	Program Determined	0	0	0
Base	B12	55	Beam	Program Determined	Program Determined	0	0	0
Base	B13	56	Beam	Program Determined	Program Determined	0	0	0
Base	B14	57	Beam	Program Determined	Program Determined	0	0	0
Base	B15	58	Beam	Program Determined	Program Determined	0	0	0
Base	B16	59	Beam	Program Determined	Program Determined	0	0	0
Base	B17	60	Beam	Program Determined	Program Determined	0	0	0
Base	B18	61	Beam	Program Determined	Program Determined	0	0	0
Base	B19	40	Beam	Program Determined	Program Determined	0	0	0
Base	B20	41	Beam	Program Determined	Program Determined	0	0	0
Base	B21	42	Beam	Program Determined	Program Determined	0	0	0
Base	B22	46	Beam	Program Determined	Program Determined	0	0	0
Base	B23	48	Beam	Program Determined	Program Determined	0	0	0
Base	B24	49	Beam	Program Determined	Program Determined	0	0	0
Base	B25	50	Beam	Program Determined	Program Determined	0	0	0
Base	B26	51	Beam	Program Determined	Program Determined	0	0	0
Base	B27	53	Beam	Program Determined	Program Determined	0	0	0
Base	B28	64	Beam	Program Determined	Program Determined	0	0	0
Base	B29	65	Beam	Program Determined	Program Determined	0	0	0
Base	B30	66	Beam	Program Determined	Program Determined	0	0	0
Base	B31	67	Beam	Program Determined	Program Determined	0	0	0
Base	B32	68	Beam	Program Determined	Program Determined	0	0	0
Base	B33	69	Beam	Program Determined	Program Determined	0	0	0
Base	B34	70	Beam	Program Determined	Program Determined	0	0	0
Base	B35	71	Beam	Program Determined	Program Determined	0	0	0
Base	B36	72	Beam	Program Determined	Program Determined	0	0	0
Base	B37	73	Beam	Program Determined	Program Determined	0	0	0
Base	B38	74	Beam	Program Determined	Program Determined	0	0	0
Base	B39	75	Beam	Program Determined	Program Determined	0	0	0
Base	B40	76	Beam	Program Determined	Program Determined	0	0	0
Base	B41	77	Beam	Program Determined	Program Determined	0	0	0
Base	B42	78	Beam	Program Determined	Program Determined	0	0	0
Base	B43	79	Beam	Program Determined	Program Determined	0	0	0
Base	B44	80	Beam	Program Determined	Program Determined	0	0	0
Base	B45	81	Beam	Program Determined	Program Determined	0	0	0

Table 6.4 - Concrete Column PMM Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	P kN	M Major kN-m	M Minor kN-m	PMM Combo	PMM Ratio or Rebar %
Story2	C3	86	COLUMN25*25cm	Top	-68.695	1.6831	-20.8813	DConS2	1.54 %
Story2	C3	86	COLUMN25*25cm	Bottom	-63.3163	-6.5095	-3.4338	DConS14	0.78 %
Story2	C4	88	COLUMN25*25cm	Top	-69.0964	-0.8637	-22.5637	DConS2	1.62 %
Story2	C4	88	COLUMN25*25cm	Bottom	-63.7027	-0.7963	-5.5129	DConS5	0.75 %
Story2	C5	90	COLUMN25*25cm	Top	-68.6792	-1.8185	-20.7693	DConS2	1.53 %
Story2	C5	90	COLUMN25*25cm	Bottom	-63.2981	6.5075	-2.5282	DConS13	0.78 %
Story2	C6	92	COLUMN25*25cm	Top	-79.8151	-2.4857	-17.4134	DConS2	1.39 %
Story2	C6	92	COLUMN25*25cm	Bottom	-75.8075	0.9476	15.3057	DConS6	1.2 %
Story2	C7	94	COLUMN25*25cm	Top	-62.4214	-7.1029	-17.9785	DConS6	1.41 %
Story2	C7	94	COLUMN25*25cm	Bottom	-56.9543	19.9984	21.1031	DConS6	2.07 %
Story2	C8	96	COLUMN25*25cm	Top	43.3294	0.7725	10.6699	DConS7	0.43 %
Story2	C8	96	COLUMN25*25cm	Bottom	47.2345	2.6474	-12.2577	DConS7	0.59 %
Story2	C9	98	COLUMN25*25cm	Top	40.3091	0.6768	9.6302	DConS7	0.4 %
Story2	C9	98	COLUMN25*25cm	Bottom	44.2142	1.6822	-11.0906	DConS7	0.49 %
Story2	C10	100	COLUMN25*25cm	Top	-62.9328	-6.637	18.9797	DConS5	1.46 %
Story2	C10	100	COLUMN25*25cm	Bottom	-57.4656	19.4363	-21.6756	DConS5	2.08 %
Story2	C11	102	COLUMN25*25cm	Top	-71.6324	-2.4224	16.673	DConS2	1.29 %
Story2	C11	102	COLUMN25*25cm	Bottom	-65.9598	5.4217	1.1659	DConS13	0.75 %
Story2	C12	104	COLUMN25*25cm	Top	-68.6934	-1.6883	21.5867	DConS2	1.58 %
Story2	C12	104	COLUMN25*25cm	Bottom	-63.3125	6.3047	3.3901	DConS13	0.77 %
Story2	C13	106	COLUMN25*25cm	Top	-69.0915	0.8636	23.4305	DConS2	1.67 %
Story2	C13	106	COLUMN25*25cm	Bottom	-63.6805	-0.796	5.9163	DConS6	0.76 %
Story2	C14	108	COLUMN25*25cm	Top	-68.6951	1.8824	21.4979	DConS2	1.57 %
Story2	C14	108	COLUMN25*25cm	Bottom	-63.316	-6.4631	3.4238	DConS14	0.78 %
Story2	C15	110	COLUMN25*25cm	Top	-71.6151	2.6243	16.5816	DConS2	1.28 %
Story2	C15	110	COLUMN25*25cm	Bottom	-65.9302	-5.6127	1.1691	DConS14	0.76 %
Story2	C16	112	COLUMN25*25cm	Top	-62.9001	6.5275	18.7932	DConS5	1.44 %
Story2	C16	112	COLUMN25*25cm	Bottom	-57.433	-19.2882	-21.3222	DConS5	2.04 %
Story2	C17	114	COLUMN25*25cm	Top	43.4768	-0.5803	-10.3722	DConS8	0.4 %
Story2	C17	114	COLUMN25*25cm	Bottom	47.3819	-1.7957	11.5649	DConS8	0.52 %
Story2	C18	116	COLUMN25*25cm	Top	43.3503	-0.5668	10.5583	DConS7	0.41 %
Story2	C18	116	COLUMN25*25cm	Bottom	47.2554	-1.7715	-11.8788	DConS7	0.55 %
Story1	C1	83	COLUMN25*25cm	Top	50.0371	12.6641	-11.2931	DConS6	0.78 %
Story1	C1	83	COLUMN25*25cm	Bottom	56.379	-7.1873	14.6405	DConS6	0.74 %
Story1	C2	85	COLUMN25*25cm	Top	41.526	-6.2129	-2.1322	DConS17	0.4 %
Story1	C2	85	COLUMN25*25cm	Bottom	54.9192	2.1135	16.5687	DConS4	0.77 %
Story1	C3	87	COLUMN25*25cm	Top	39.4427	-0.7806	-6.3812	DConS7	0.4 %
Story1	C3	87	COLUMN25*25cm	Bottom	52.7115	1.3873	19.7171	DConS4	0.87 %
Story1	C4	89	COLUMN25*25cm	Top	39.7005	-0.6781	-6.3003	DConS7	0.4 %
Story1	C4	89	COLUMN25*25cm	Bottom	53.0126	1.3699	20.7407	DConS4	0.89 %
Story1	C5	91	COLUMN25*25cm	Top	39.4257	-0.6384	-6.2793	DConS7	0.4 %
Story1	C5	91	COLUMN25*25cm	Bottom	52.7018	1.3492	18.6024	DConS4	0.84 %
Story1	C6	93	COLUMN25*25cm	Top	64.4987	6.8614	-5.474	DConS14	0.4 %
Story1	C6	93	COLUMN25*25cm	Bottom	62.5975	-0.9657	12.5788	DConS4	0.47 %
Story1	C7	95	COLUMN25*25cm	Top	48.0676	-16.0223	-6.318	DConS13	0.81 %
Story1	C7	95	COLUMN25*25cm	Bottom	56.0129	8.1515	13.3241	DConS6	0.71 %
Story1	C8	97	COLUMN25*25cm	Top	177.0757	-6.9144	10.4306	DConS5	0.4 %

Table 6.4 - Concrete Column PMM Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	P kN	M Major kN-m	M Minor kN-m	PMM Combo	PMM Ratio or Rebar %
Story1	C8	97	COLUMN25*25cm	Bottom	131.7898	1.6474	-14.2102	DConS7	0.4 %
Story1	C9	99	COLUMN25*25cm	Top	164.552	-3.7834	-8.899	DConS6	0.4 %
Story1	C9	99	COLUMN25*25cm	Bottom	117.1111	-2.5523	-13.3031	DConS7	0.4 %
Story1	C10	101	COLUMN25*25cm	Top	50.1184	-13.0485	11.3446	DConS5	0.8 %
Story1	C10	101	COLUMN25*25cm	Bottom	56.4603	7.7486	-14.7116	DConS5	0.75 %
Story1	C11	103	COLUMN25*25cm	Top	41.5101	6.1128	1.9681	DConS18	0.4 %
Story1	C11	103	COLUMN25*25cm	Bottom	54.9211	-1.5232	-16.7942	DConS12	0.78 %
Story1	C12	105	COLUMN25*25cm	Top	39.4282	0.7178	5.9708	DConS8	0.4 %
Story1	C12	105	COLUMN25*25cm	Bottom	52.7174	-0.659	-20.1551	DConS12	0.87 %
Story1	C13	107	COLUMN25*25cm	Top	39.6822	0.564	5.8737	DConS8	0.4 %
Story1	C13	107	COLUMN25*25cm	Bottom	53.0166	-0.9034	-21.0879	DConS12	0.89 %
Story1	C14	109	COLUMN25*25cm	Top	39.4305	0.4929	6.1393	DConS8	0.4 %
Story1	C14	109	COLUMN25*25cm	Bottom	52.718	0.659	-20.0027	DConS12	0.87 %
Story1	C15	111	COLUMN25*25cm	Top	41.5145	-6.0017	2.0739	DConS17	0.4 %
Story1	C15	111	COLUMN25*25cm	Bottom	54.9151	1.4905	-16.5217	DConS12	0.77 %
Story1	C16	113	COLUMN25*25cm	Top	50.0899	12.9458	11.6297	DConS5	0.8 %
Story1	C16	113	COLUMN25*25cm	Bottom	56.4317	-7.5697	-15.0686	DConS5	0.77 %
Story1	C17	115	COLUMN25*25cm	Top	164.7899	2.1311	-10.0778	DConS6	0.4 %
Story1	C17	115	COLUMN25*25cm	Bottom	123.0935	2.8703	14.2586	DConS8	0.4 %
Story1	C18	117	COLUMN25*25cm	Top	164.8359	2.2349	10.35	DConS5	0.4 %
Story1	C18	117	COLUMN25*25cm	Bottom	123.125	2.8585	-14.5459	DConS7	0.4 %
Story1	C212	776	COLUMN25*25cm	Top	22.1912	9.8214	-1.8895	DConS14	0.56 %
Story1	C212	776	COLUMN25*25cm	Bottom	18.1569	-3.529	11.6253	DConS4	0.7 %

Table 6.5 - Concrete Column Shear Envelope - BS 8110-97

Story	Label	UniqueName	Section	Location	V Major kN	V Major Combo	At Major mm2/m	V Minor kN	V Minor Combo	At Minor mm2/m
Story2	C1	82	COLUMN25*25cm	Top	7.4597	DConS20	460	4.6727	DConS20	460
Story2	C1	82	COLUMN25*25cm	Bottom	7.4597	DConS20	460	4.6727	DConS20	460
Story2	C2	84	COLUMN25*25cm	Top	0.6597	DConS20	460	1.9887	DConS20	460
Story2	C2	84	COLUMN25*25cm	Bottom	0.6597	DConS20	460	1.9887	DConS20	460
Story2	C3	86	COLUMN25*25cm	Top	0.9188	DConS20	460	2.3322	DConS20	460
Story2	C3	86	COLUMN25*25cm	Bottom	0.9188	DConS20	460	2.3322	DConS20	460
Story2	C4	88	COLUMN25*25cm	Top	0.0833	DConS20	460	2.6823	DConS20	460
Story2	C4	88	COLUMN25*25cm	Bottom	0.0833	DConS20	460	2.6823	DConS20	460
Story2	C5	90	COLUMN25*25cm	Top	0.7569	DConS20	460	2.5651	DConS20	460
Story2	C5	90	COLUMN25*25cm	Bottom	0.7569	DConS20	460	2.5651	DConS20	460
Story2	C6	92	COLUMN25*25cm	Top	0.4134	DConS20	460	2.373	DConS20	460
Story2	C6	92	COLUMN25*25cm	Bottom	0.4134	DConS20	460	2.373	DConS20	460
Story2	C7	94	COLUMN25*25cm	Top	7.3807	DConS20	460	4.579	DConS20	460
Story2	C7	94	COLUMN25*25cm	Bottom	7.3807	DConS20	460	4.579	DConS20	460
Story2	C8	96	COLUMN25*25cm	Top	0.5344	DConS20	460	6.6085	DConS20	460
Story2	C8	96	COLUMN25*25cm	Bottom	0.5344	DConS20	460	6.6085	DConS20	460
Story2	C9	98	COLUMN25*25cm	Top	0.2817	DConS20	460	5.8189	DConS20	460
Story2	C9	98	COLUMN25*25cm	Bottom	0.2817	DConS20	460	5.8189	DConS20	460
Story2	C10	100	COLUMN25*25cm	Top	7.5371	DConS20	460	12.0878	DConS20	460

Table 6.5 - Concrete Column Shear Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	V Major kN	V Major Combo	At Major mm2/m	V Minor kN	V Minor Combo	At Minor mm2/m
Story2	C10	100	COLUMN25*25cm	Bottom	7.5371	DConS20	460	12.0878	DConS20	460
Story2	C11	102	COLUMN25*25cm	Top	0.7492	DConS20	460	3.8717	DConS20	460
Story2	C11	102	COLUMN25*25cm	Bottom	0.7492	DConS20	460	3.8717	DConS20	460
Story2	C12	104	COLUMN25*25cm	Top	0.9522	DConS20	460	4.1809	DConS20	460
Story2	C12	104	COLUMN25*25cm	Bottom	0.9522	DConS20	460	4.1809	DConS20	460
Story2	C13	106	COLUMN25*25cm	Top	0.0381	DConS20	460	4.5074	DConS20	460
Story2	C13	106	COLUMN25*25cm	Bottom	0.0381	DConS20	460	4.5074	DConS20	460
Story2	C14	108	COLUMN25*25cm	Top	0.8758	DConS20	460	4.2115	DConS20	460
Story2	C14	108	COLUMN25*25cm	Bottom	0.8758	DConS20	460	4.2115	DConS20	460
Story2	C15	110	COLUMN25*25cm	Top	0.6739	DConS20	460	3.9528	DConS20	460
Story2	C15	110	COLUMN25*25cm	Bottom	0.6739	DConS20	460	3.9528	DConS20	460
Story2	C16	112	COLUMN25*25cm	Top	7.47	DConS20	460	11.9486	DConS20	460
Story2	C16	112	COLUMN25*25cm	Bottom	7.47	DConS20	460	11.9486	DConS20	460
Story2	C17	114	COLUMN25*25cm	Top	0.2143	DConS20	460	5.6262	DConS20	460
Story2	C17	114	COLUMN25*25cm	Bottom	0.2143	DConS20	460	5.6262	DConS20	460
Story2	C18	116	COLUMN25*25cm	Top	0.2881	DConS20	460	6.3294	DConS20	460
Story2	C18	116	COLUMN25*25cm	Bottom	0.2881	DConS20	460	6.3294	DConS20	460
Story1	C1	83	COLUMN25*25cm	Top	4.6305	DConS20	460	2.1374	DConS20	460
Story1	C1	83	COLUMN25*25cm	Bottom	4.6305	DConS20	460	2.1374	DConS20	460
Story1	C2	85	COLUMN25*25cm	Top	0.9288	DConS20	460	1.1211	DConS20	460
Story1	C2	85	COLUMN25*25cm	Bottom	0.9288	DConS20	460	1.1211	DConS20	460
Story1	C3	87	COLUMN25*25cm	Top	0.1482	DConS20	460	2.4563	DConS20	460
Story1	C3	87	COLUMN25*25cm	Bottom	0.1482	DConS20	460	2.4563	DConS20	460
Story1	C4	89	COLUMN25*25cm	Top	0.1499	DConS20	460	2.6549	DConS20	460
Story1	C4	89	COLUMN25*25cm	Bottom	0.1499	DConS20	460	2.6549	DConS20	460
Story1	C5	91	COLUMN25*25cm	Top	0.1612	DConS20	460	2.2426	DConS20	460
Story1	C5	91	COLUMN25*25cm	Bottom	0.1612	DConS20	460	2.2426	DConS20	460
Story1	C6	93	COLUMN25*25cm	Top	0.6819	DConS20	460	1.3754	DConS20	460
Story1	C6	93	COLUMN25*25cm	Bottom	0.6819	DConS20	460	1.3754	DConS20	460
Story1	C7	95	COLUMN25*25cm	Top	4.9992	DConS20	460	1.9794	DConS20	460
Story1	C7	95	COLUMN25*25cm	Bottom	4.9992	DConS20	460	1.9794	DConS20	460
Story1	C8	97	COLUMN25*25cm	Top	1.3361	DConS20	460	5.7232	DConS20	460
Story1	C8	97	COLUMN25*25cm	Bottom	1.3361	DConS20	460	5.7232	DConS20	460
Story1	C9	99	COLUMN25*25cm	Top	0.0224	DConS20	460	5.0968	DConS20	460
Story1	C9	99	COLUMN25*25cm	Bottom	0.0224	DConS20	460	5.0968	DConS20	460
Story1	C10	101	COLUMN25*25cm	Top	4.7641	DConS20	460	6.4291	DConS20	460
Story1	C10	101	COLUMN25*25cm	Bottom	4.7641	DConS20	460	6.4291	DConS20	460
Story1	C11	103	COLUMN25*25cm	Top	0.7782	DConS20	460	3.8271	DConS20	460
Story1	C11	103	COLUMN25*25cm	Bottom	0.7782	DConS20	460	3.8271	DConS20	460
Story1	C12	105	COLUMN25*25cm	Top	0.0162	DConS20	460	4.3839	DConS20	460
Story1	C12	105	COLUMN25*25cm	Bottom	0.0162	DConS20	460	4.3839	DConS20	460
Story1	C13	107	COLUMN25*25cm	Top	0.0287	DConS20	460	4.5502	DConS20	460
Story1	C13	107	COLUMN25*25cm	Bottom	0.0287	DConS20	460	4.5502	DConS20	460
Story1	C14	109	COLUMN25*25cm	Top	0.0413	DConS20	460	4.3223	DConS20	460
Story1	C14	109	COLUMN25*25cm	Bottom	0.0413	DConS20	460	4.3223	DConS20	460
Story1	C15	111	COLUMN25*25cm	Top	0.835	DConS20	460	3.7334	DConS20	460
Story1	C15	111	COLUMN25*25cm	Bottom	0.835	DConS20	460	3.7334	DConS20	460
Story1	C16	113	COLUMN25*25cm	Top	4.7038	DConS20	460	6.5362	DConS20	460

Table 6.5 - Concrete Column Shear Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	V Major kN	V Major Combo	At Major mm2/m	V Minor kN	V Minor Combo	At Minor mm2/m
Story1	C16	113	COLUMN25*25cm	Bottom	4.7038	DConS20	460	6.5362	DConS20	460
Story1	C17	115	COLUMN25*25cm	Top	0.003	DConS20	460	5.2116	DConS20	460
Story1	C17	115	COLUMN25*25cm	Bottom	0.003	DConS20	460	5.2116	DConS20	460
Story1	C18	117	COLUMN25*25cm	Top	0.1179	DConS20	460	5.7449	DConS20	460
Story1	C18	117	COLUMN25*25cm	Bottom	0.1179	DConS20	460	5.7449	DConS20	460
Story1	C212	776	COLUMN25*25cm	Top	2.7069	DConS20	460	1.4945	DConS20	460
Story1	C212	776	COLUMN25*25cm	Bottom	2.7069	DConS20	460	1.4945	DConS20	460

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Story2	B1	1	BEAM25*30cm	End-I	0	DConS10	174	0	DConS20	126
Story2	B1	1	BEAM25*30cm	Middle	0	DConS2	205	0	DConS2	206
Story2	B1	1	BEAM25*30cm	End-J	0	DConS2	192	0	DConS2	208
Story2	B2	5	BEAM25*30cm	End-I	0	DConS2	254	0	DConS2	218
Story2	B2	5	BEAM25*30cm	Middle	0	DConS2	288	0	DConS2	275
Story2	B2	5	BEAM25*30cm	End-J	0	DConS2	270	0	DConS2	278
Story2	B3	9	BEAM25*30cm	End-I	0	DConS2	315	0	DConS2	292
Story2	B3	9	BEAM25*30cm	Middle	0	DConS2	322	0	DConS2	309
Story2	B3	9	BEAM25*30cm	End-J	0	DConS2	318	0	DConS2	310
Story2	B4	13	BEAM25*30cm	End-I	0	DConS2	317	0	DConS2	308
Story2	B4	13	BEAM25*30cm	Middle	0	DConS2	321	0	DConS2	307
Story2	B4	13	BEAM25*30cm	End-J	0	DConS2	314	0	DConS2	289
Story2	B5	17	BEAM25*30cm	End-I	0	DConS2	267	0	DConS2	276
Story2	B5	17	BEAM25*30cm	Middle	0	DConS2	285	0	DConS2	273
Story2	B5	17	BEAM25*30cm	End-J	0	DConS2	251	0	DConS2	219
Story2	B6	120	BEAM25*30cm	End-I	0	DConS2	562	0	DConS2	374
Story2	B6	120	BEAM25*30cm	Middle	0	DConS2	374	0	DConS2	522
Story2	B6	120	BEAM25*30cm	End-J	0	DConS4	468	0	DConS2	416
Story2	B7	121	BEAM25*30cm	End-I	0	DConS2	559	0	DConS2	375
Story2	B7	121	BEAM25*30cm	Middle	0	DConS2	375	0	DConS2	468
Story2	B7	121	BEAM25*30cm	End-J	0	DConS2	556	0	DConS2	375
Story2	B8	128	BEAM25*30cm	End-I	0	DConS3	445	0	DConS2	415
Story2	B8	128	BEAM25*30cm	Middle	0	DConS2	375	0	DConS2	523
Story2	B8	128	BEAM25*30cm	End-J	0	DConS2	560	0	DConS2	375
Story2	B9	141	BEAM25*30cm	End-I	0	DConS10	177	0	DConS20	126
Story2	B9	141	BEAM25*30cm	Middle	0	DConS2	206	0	DConS2	208
Story2	B9	141	BEAM25*30cm	End-J	0	DConS2	193	0	DConS2	211
Story2	B10	142	BEAM25*30cm	End-I	0	DConS2	258	0	DConS2	219
Story2	B10	142	BEAM25*30cm	Middle	0	DConS2	291	0	DConS2	279
Story2	B10	142	BEAM25*30cm	End-J	0	DConS2	272	0	DConS2	282
Story2	B11	143	BEAM25*30cm	End-I	0	DConS2	320	0	DConS2	295
Story2	B11	143	BEAM25*30cm	Middle	0	DConS2	326	0	DConS2	313
Story2	B11	143	BEAM25*30cm	End-J	0	DConS2	321	0	DConS2	314
Story2	B12	144	BEAM25*30cm	End-I	0	DConS2	322	0	DConS2	313
Story2	B12	144	BEAM25*30cm	Middle	0	DConS2	326	0	DConS2	313
Story2	B12	144	BEAM25*30cm	End-J	0	DConS2	318	0	DConS2	295

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Story2	B13	145	BEAM25*30cm	End-I	0	DConS2	273	0	DConS2	281
Story2	B13	145	BEAM25*30cm	Middle	0	DConS2	290	0	DConS2	277
Story2	B13	145	BEAM25*30cm	End-J	0	DConS2	256	0	DConS2	224
Story2	B14	147	BEAM25*30cm	End-I	0	DConS2	194	0	DConS2	209
Story2	B14	147	BEAM25*30cm	Middle	0	DConS2	205	0	DConS2	207
Story2	B14	147	BEAM25*30cm	End-J	0	DConS9	176	0	DConS20	126
Story2	B15	745	BEAM25*30cm	End-I	0	DConS3	448	0	DConS2	406
Story2	B15	745	BEAM25*30cm	Middle	0	DConS2	373	0	DConS2	519
Story2	B15	745	BEAM25*30cm	End-J	0	DConS2	551	0	DConS2	373
Story2	B16	747	BEAM25*30cm	End-I	0	DConS2	563	0	DConS2	372
Story2	B16	747	BEAM25*30cm	Middle	0	DConS2	372	0	DConS2	465
Story2	B16	747	BEAM25*30cm	End-J	0	DConS2	544	0	DConS2	372
Story2	B17	748	BEAM25*30cm	End-I	0	DConS2	563	0	DConS2	369
Story2	B17	748	BEAM25*30cm	Middle	0	DConS2	369	0	DConS2	516
Story2	B17	748	BEAM25*30cm	End-J	0	DConS4	459	0	DConS2	413
Story2	B18	21	BEAM25*30cm	End-I	0	DConS2	190	0	DConS2	205
Story2	B18	21	BEAM25*30cm	Middle	0	DConS2	202	0	DConS2	202
Story2	B18	21	BEAM25*30cm	End-J	0	DConS9	175	0	DConS20	126
Story1	B1	2	BEAM25*30cm	End-I	0	DConS14	393	0	DConS13	160
Story1	B1	2	BEAM25*30cm	Middle	0	DConS2	8	0	DConS13	337
Story1	B1	2	BEAM25*30cm	End-J	0	DConS13	617	0	DConS20	126
Story1	B2	4	BEAM25*30cm	End-I	0	DConS14	584	0	DConS20	126
Story1	B2	4	BEAM25*30cm	Middle	0	DConS2	13	0	DConS2	271
Story1	B2	4	BEAM25*30cm	End-J	0	DConS13	532	0	DConS20	126
Story1	B3	6	BEAM25*30cm	End-I	0	DConS14	552	0	DConS20	126
Story1	B3	6	BEAM25*30cm	Middle	0	DConS2	15	0	DConS2	281
Story1	B3	6	BEAM25*30cm	End-J	0	DConS13	553	0	DConS20	126
Story1	B4	8	BEAM25*30cm	End-I	0	DConS14	549	0	DConS20	126
Story1	B4	8	BEAM25*30cm	Middle	0	DConS2	16	0	DConS2	282
Story1	B4	8	BEAM25*30cm	End-J	0	DConS13	556	0	DConS20	126
Story1	B5	10	BEAM25*30cm	End-I	0	DConS14	528	0	DConS20	126
Story1	B5	10	BEAM25*30cm	Middle	0	DConS2	14	0	DConS2	272
Story1	B5	10	BEAM25*30cm	End-J	0	DConS13	590	0	DConS20	126
Story1	B6	12	BEAM25*30cm	End-I	0	DConS5	443	0	DConS20	126
Story1	B6	12	BEAM25*30cm	Middle	0	DConS8	150	0	DConS5	237
Story1	B6	12	BEAM25*30cm	End-J	0	DConS6	358	0	DConS20	126
Story1	B7	14	BEAM25*30cm	End-I	0	DConS5	405	0	DConS20	126
Story1	B7	14	BEAM25*30cm	Middle	0	DConS19	150	0	DConS2	177
Story1	B7	14	BEAM25*30cm	End-J	0	DConS6	403	0	DConS20	126
Story1	B8	16	BEAM25*30cm	End-I	0	DConS5	359	0	DConS20	126
Story1	B8	16	BEAM25*30cm	Middle	0	DConS19	150	0	DConS6	234
Story1	B8	16	BEAM25*30cm	End-J	0	DConS6	438	0	DConS20	126
Story1	B9	18	BEAM25*30cm	End-I	0	DConS14	395	0	DConS13	157
Story1	B9	18	BEAM25*30cm	Middle	0	DConS2	8	0	DConS13	336
Story1	B9	18	BEAM25*30cm	End-J	0	DConS13	612	0	DConS20	126
Story1	B10	20	BEAM25*30cm	End-I	0	DConS14	586	0	DConS20	126
Story1	B10	20	BEAM25*30cm	Middle	0	DConS2	12	0	DConS2	271
Story1	B10	20	BEAM25*30cm	End-J	0	DConS13	528	0	DConS20	126

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Story1	B11	22	BEAM25*30cm	End-I	0	DConS14	554	0	DConS20	126
Story1	B11	22	BEAM25*30cm	Middle	0	DConS2	14	0	DConS2	280
Story1	B11	22	BEAM25*30cm	End-J	0	DConS13	549	0	DConS20	126
Story1	B12	24	BEAM25*30cm	End-I	0	DConS14	551	0	DConS20	126
Story1	B12	24	BEAM25*30cm	Middle	0	DConS2	14	0	DConS2	280
Story1	B12	24	BEAM25*30cm	End-J	0	DConS13	552	0	DConS20	126
Story1	B13	26	BEAM25*30cm	End-I	0	DConS14	530	0	DConS20	126
Story1	B13	26	BEAM25*30cm	Middle	0	DConS2	12	0	DConS2	270
Story1	B13	26	BEAM25*30cm	End-J	0	DConS13	584	0	DConS20	126
Story1	B14	28	BEAM25*30cm	End-I	0	DConS14	615	0	DConS20	126
Story1	B14	28	BEAM25*30cm	Middle	0	DConS2	8	0	DConS14	336
Story1	B14	28	BEAM25*30cm	End-J	0	DConS13	391	0	DConS14	158
Story1	B15	30	BEAM25*30cm	End-I	0	DConS5	359	0	DConS20	126
Story1	B15	30	BEAM25*30cm	Middle	0	DConS8	150	0	DConS6	228
Story1	B15	30	BEAM25*30cm	End-J	0	DConS6	419	0	DConS20	126
Story1	B16	32	BEAM25*30cm	End-I	0	DConS5	406	0	DConS20	126
Story1	B16	32	BEAM25*30cm	Middle	0	DConS19	150	0	DConS2	176
Story1	B16	32	BEAM25*30cm	End-J	0	DConS6	389	0	DConS20	126
Story1	B17	34	BEAM25*30cm	End-I	0	DConS5	438	0	DConS20	126
Story1	B17	34	BEAM25*30cm	Middle	0	DConS20	150	0	DConS5	237
Story1	B17	34	BEAM25*30cm	End-J	0	DConS6	329	0	DConS20	126
Story1	B18	36	BEAM25*30cm	End-I	0	DConS14	609	0	DConS20	126
Story1	B18	36	BEAM25*30cm	Middle	0	DConS2	8	0	DConS14	337
Story1	B18	36	BEAM25*30cm	End-J	0	DConS13	392	0	DConS14	157
Story1	B30	778	BEAM25*30cm	End-I	0	DConS17	150	0	DConS20	126
Story1	B30	778	BEAM25*30cm	Middle	0	DConS17	1	0	DConS20	126
Story1	B30	778	BEAM25*30cm	End-J	0	DConS17	150	0	DConS20	126
Story1	B35	780	BEAM25*30cm	End-I	0	DConS16	150	0	DConS20	126
Story1	B35	780	BEAM25*30cm	Middle	0	DConS19	150	0	DConS20	126
Story1	B35	780	BEAM25*30cm	End-J	0	DConS6	233	0	DConS20	126
Base	B1	37	GRADEBEAM30*40cm	End-I	0	DConS2	304	0	DConS20	201
Base	B1	37	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	238
Base	B1	37	GRADEBEAM30*40cm	End-J	0	DConS2	307	0	DConS20	201
Base	B2	39	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201
Base	B2	39	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	232
Base	B2	39	GRADEBEAM30*40cm	End-J	0	DConS2	301	0	DConS20	201
Base	B3	52	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201
Base	B3	52	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	232
Base	B3	52	GRADEBEAM30*40cm	End-J	0	DConS2	301	0	DConS20	201

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Base	B4	63	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201
Base	B4	63	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	232
Base	B4	63	GRADEBEAM30*40cm	End-J	0	DConS2	301	0	DConS20	201
Base	B5	62	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201
Base	B5	62	GRADEBEAM30*40cm	Middle	0	DConS1	0.01532	0	DConS2	233
Base	B5	62	GRADEBEAM30*40cm	End-J	0	DConS2	302	0	DConS20	201
Base	B6	38	GRADEBEAM30*40cm	End-I	0	DConS2	202	0	DConS20	201
Base	B6	38	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS20	201
Base	B6	38	GRADEBEAM30*40cm	End-J	0	DConS2	194	0	DConS20	201
Base	B7	43	GRADEBEAM30*40cm	End-I	0	DConS2	193	0	DConS20	201
Base	B7	43	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS20	201
Base	B7	43	GRADEBEAM30*40cm	End-J	0	DConS2	193	0	DConS20	201
Base	B8	44	GRADEBEAM30*40cm	End-I	0	DConS2	194	0	DConS20	201
Base	B8	44	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS20	201
Base	B8	44	GRADEBEAM30*40cm	End-J	0	DConS2	202	0	DConS20	201
Base	B9	45	GRADEBEAM30*40cm	End-I	0	DConS2	304	0	DConS20	201
Base	B9	45	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	238
Base	B9	45	GRADEBEAM30*40cm	End-J	0	DConS2	307	0	DConS20	201
Base	B10	47	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201
Base	B10	47	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	232
Base	B10	47	GRADEBEAM30*40cm	End-J	0	DConS2	301	0	DConS20	201
Base	B11	54	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201
Base	B11	54	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	232
Base	B11	54	GRADEBEAM30*40cm	End-J	0	DConS2	301	0	DConS20	201
Base	B12	55	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Base	B12	55	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	232
Base	B12	55	GRADEBEAM30*40cm	End-J	0	DConS2	301	0	DConS20	201
Base	B13	56	GRADEBEAM30*40cm	End-I	0	DConS2	301	0	DConS20	201
Base	B13	56	GRADEBEAM30*40cm	Middle	0	DConS3	0.005668	0	DConS2	232
Base	B13	56	GRADEBEAM30*40cm	End-J	0	DConS2	301	0	DConS20	201
Base	B14	57	GRADEBEAM30*40cm	End-I	0	DConS2	307	0	DConS20	201
Base	B14	57	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	238
Base	B14	57	GRADEBEAM30*40cm	End-J	0	DConS2	304	0	DConS20	201
Base	B15	58	GRADEBEAM30*40cm	End-I	0	DConS2	194	0	DConS20	201
Base	B15	58	GRADEBEAM30*40cm	Middle	0	DConS3	0.00622	0	DConS20	201
Base	B15	58	GRADEBEAM30*40cm	End-J	0	DConS2	202	0	DConS20	201
Base	B16	59	GRADEBEAM30*40cm	End-I	0	DConS2	193	0	DConS20	201
Base	B16	59	GRADEBEAM30*40cm	Middle	0	DConS3	0.01979	0	DConS20	201
Base	B16	59	GRADEBEAM30*40cm	End-J	0	DConS20	240	0	DConS20	201
Base	B17	60	GRADEBEAM30*40cm	End-I	0	DConS2	201	0	DConS20	201
Base	B17	60	GRADEBEAM30*40cm	Middle	0	DConS17	0.01622	0	DConS20	201
Base	B17	60	GRADEBEAM30*40cm	End-J	0	DConS20	240	0	DConS20	201
Base	B18	61	GRADEBEAM30*40cm	End-I	0	DConS2	308	0	DConS20	201
Base	B18	61	GRADEBEAM30*40cm	Middle	0	DConS3	0.02837	0	DConS2	239
Base	B18	61	GRADEBEAM30*40cm	End-J	0	DConS2	303	0	DConS20	201
Base	B19	40	GRADEBEAM30*40cm	End-I	0	DConS2	312	0	DConS20	201
Base	B19	40	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	280
Base	B19	40	GRADEBEAM30*40cm	End-J	0	DConS2	317	0	DConS20	201
Base	B20	41	GRADEBEAM30*40cm	End-I	0	DConS2	313	0	DConS20	201
Base	B20	41	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	257

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Base	B20	41	GRADEBEAM30*40cm	End-J	0	DConS2	313	0	DConS20	201
Base	B21	42	GRADEBEAM30*40cm	End-I	0	DConS2	478	0	DConS20	201
Base	B21	42	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	399
Base	B21	42	GRADEBEAM30*40cm	End-J	0	DConS2	469	0	DConS20	201
Base	B22	46	GRADEBEAM30*40cm	End-I	0	DConS2	317	0	DConS20	201
Base	B22	46	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	280
Base	B22	46	GRADEBEAM30*40cm	End-J	0	DConS2	312	0	DConS20	201
Base	B23	48	GRADEBEAM30*40cm	End-I	0	DConS2	478	0	DConS20	201
Base	B23	48	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	399
Base	B23	48	GRADEBEAM30*40cm	End-J	0	DConS2	469	0	DConS20	201
Base	B24	49	GRADEBEAM30*40cm	End-I	0	DConS2	484	0	DConS20	201
Base	B24	49	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	413
Base	B24	49	GRADEBEAM30*40cm	End-J	0	DConS2	476	0	DConS20	201
Base	B25	50	GRADEBEAM30*40cm	End-I	0	DConS2	484	0	DConS20	201
Base	B25	50	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	413
Base	B25	50	GRADEBEAM30*40cm	End-J	0	DConS2	476	0	DConS20	201
Base	B26	51	GRADEBEAM30*40cm	End-I	0	DConS2	470	0	DConS20	201
Base	B26	51	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	400
Base	B26	51	GRADEBEAM30*40cm	End-J	0	DConS2	471	0	DConS20	201
Base	B27	53	GRADEBEAM30*40cm	End-I	0	DConS2	470	0	DConS20	201
Base	B27	53	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	399
Base	B27	53	GRADEBEAM30*40cm	End-J	0	DConS2	472	0	DConS20	201
Base	B28	64	GRADEBEAM30*40cm	End-I	0	DConS2	471	0	DConS20	201
Base	B28	64	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	398
Base	B28	64	GRADEBEAM30*40cm	End-J	0	DConS2	473	0	DConS20	201

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Base	B29	65	GRADEBEAM30*40cm	End-I	0	DConS2	472	0	DConS20	201
Base	B29	65	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	403
Base	B29	65	GRADEBEAM30*40cm	End-J	0	DConS2	464	0	DConS20	201
Base	B30	66	GRADEBEAM30*40cm	End-I	0	DConS2	491	0	DConS20	201
Base	B30	66	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	411
Base	B30	66	GRADEBEAM30*40cm	End-J	0	DConS2	477	0	DConS20	201
Base	B31	67	GRADEBEAM30*40cm	End-I	0	DConS2	476	0	DConS20	201
Base	B31	67	GRADEBEAM30*40cm	Middle	0	DConS20	0.0163	0	DConS2	413
Base	B31	67	GRADEBEAM30*40cm	End-J	0	DConS2	483	0	DConS20	201
Base	B32	68	GRADEBEAM30*40cm	End-I	0	DConS2	470	0	DConS20	201
Base	B32	68	GRADEBEAM30*40cm	Middle	0	DConS3	0.0212	0	DConS2	399
Base	B32	68	GRADEBEAM30*40cm	End-J	0	DConS2	477	0	DConS20	201
Base	B33	69	GRADEBEAM30*40cm	End-I	0	DConS2	472	0	DConS20	201
Base	B33	69	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	399
Base	B33	69	GRADEBEAM30*40cm	End-J	0	DConS2	470	0	DConS20	201
Base	B34	70	GRADEBEAM30*40cm	End-I	0	DConS2	314	0	DConS20	201
Base	B34	70	GRADEBEAM30*40cm	Middle	0	DConS3	0.01565	0	DConS2	280
Base	B34	70	GRADEBEAM30*40cm	End-J	0	DConS2	318	0	DConS20	201
Base	B35	71	GRADEBEAM30*40cm	End-I	0	DConS2	287	0	DConS20	201
Base	B35	71	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	285
Base	B35	71	GRADEBEAM30*40cm	End-J	0	DConS2	328	0	DConS20	201
Base	B36	72	GRADEBEAM30*40cm	End-I	0	DConS2	307	0	DConS20	201
Base	B36	72	GRADEBEAM30*40cm	Middle	0	DConS8	2	0	DConS2	253
Base	B36	72	GRADEBEAM30*40cm	End-J	0	DConS2	335	0	DConS20	201
Base	B37	73	GRADEBEAM30*40cm	End-I	0	DConS2	314	0	DConS20	201

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Base	B37	73	GRADEBEAM30*40cm	Middle	0	DConS7	0.01646	0	DConS2	259
Base	B37	73	GRADEBEAM30*40cm	End-J	0	DConS2	315	0	DConS20	201
Base	B38	74	GRADEBEAM30*40cm	End-I	0	DConS2	318	0	DConS20	201
Base	B38	74	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	280
Base	B38	74	GRADEBEAM30*40cm	End-J	0	DConS2	314	0	DConS20	201
Base	B39	75	GRADEBEAM30*40cm	End-I	0	DConS2	320	0	DConS20	201
Base	B39	75	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	281
Base	B39	75	GRADEBEAM30*40cm	End-J	0	DConS2	306	0	DConS20	201
Base	B40	76	GRADEBEAM30*40cm	End-I	0	DConS2	314	0	DConS20	201
Base	B40	76	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	280
Base	B40	76	GRADEBEAM30*40cm	End-J	0	DConS2	318	0	DConS20	201
Base	B41	77	GRADEBEAM30*40cm	End-I	0	DConS2	314	0	DConS20	201
Base	B41	77	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	280
Base	B41	77	GRADEBEAM30*40cm	End-J	0	DConS2	318	0	DConS20	201
Base	B42	78	GRADEBEAM30*40cm	End-I	0	DConS2	314	0	DConS20	201
Base	B42	78	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	259
Base	B42	78	GRADEBEAM30*40cm	End-J	0	DConS2	314	0	DConS20	201
Base	B43	79	GRADEBEAM30*40cm	End-I	0	DConS2	314	0	DConS20	201
Base	B43	79	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	259
Base	B43	79	GRADEBEAM30*40cm	End-J	0	DConS2	314	0	DConS20	201
Base	B44	80	GRADEBEAM30*40cm	End-I	0	DConS2	318	0	DConS20	201
Base	B44	80	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	280
Base	B44	80	GRADEBEAM30*40cm	End-J	0	DConS2	314	0	DConS20	201
Base	B45	81	GRADEBEAM30*40cm	End-I	0	DConS2	318	0	DConS20	201
Base	B45	81	GRADEBEAM30*40cm	Middle	0	DConS3	0	0	DConS2	280

Table 6.6 - Concrete Beam Flexure Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	Location	(-) Moment kN-m	(-) Combo	As Top mm2	(+) Moment kN-m	(+) Combo	As Bot mm2
Base	B45	81	GRADEBEAM30*40cm	End-J	0	DConS2	314	0	DConS20	201

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 1 of 2)

Story	Label	UniqueName	Location	Section	V kN	V Combo	At mm2/m	T for At kN-m	T for At Combo
Story2	B1	1	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B1	1	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B1	1	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B2	5	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B2	5	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B2	5	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B3	9	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B3	9	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B3	9	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B4	13	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B4	13	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B4	13	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B5	17	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B5	17	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B5	17	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B6	120	End-I	BEAM25*30cm	0	DConS5	550.01	0	DConS20
Story2	B6	120	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B6	120	End-J	BEAM25*30cm	0	DConS6	461.25	0	DConS20
Story2	B7	121	End-I	BEAM25*30cm	0	DConS5	481.46	0	DConS20
Story2	B7	121	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B7	121	End-J	BEAM25*30cm	0	DConS6	480.01	0	DConS20
Story2	B8	128	End-I	BEAM25*30cm	0	DConS5	464.39	0	DConS20
Story2	B8	128	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B8	128	End-J	BEAM25*30cm	0	DConS6	550.75	0	DConS20
Story2	B9	141	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B9	141	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B9	141	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B10	142	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B10	142	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B10	142	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B11	143	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B11	143	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B11	143	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B12	144	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B12	144	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B12	144	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B13	145	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B13	145	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B13	145	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B14	147	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B14	147	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B14	147	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 1 of 2, continued)

Story	Label	UniqueName	Location	Section	V kN	V Combo	At mm ² /m	T for At kN-m	T for At Combo
Story2	B15	745	End-I	BEAM25*30cm	0	DConS5	466.03	0	DConS20
Story2	B15	745	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B15	745	End-J	BEAM25*30cm	0	DConS6	542.88	0	DConS20
Story2	B16	747	End-I	BEAM25*30cm	0	DConS5	483.86	0	DConS20
Story2	B16	747	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B16	747	End-J	BEAM25*30cm	0	DConS6	472.38	0	DConS20
Story2	B17	748	End-I	BEAM25*30cm	0	DConS5	551.35	0	DConS20
Story2	B17	748	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B17	748	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B18	21	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B18	21	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story2	B18	21	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B1	2	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B1	2	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B1	2	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B2	4	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B2	4	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B2	4	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B3	6	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B3	6	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B3	6	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B4	8	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B4	8	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B4	8	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B5	10	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B5	10	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B5	10	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B6	12	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B6	12	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B6	12	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B7	14	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B7	14	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B7	14	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B8	16	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B8	16	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B8	16	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B9	18	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B9	18	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B9	18	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B10	20	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B10	20	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B10	20	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B11	22	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B11	22	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B11	22	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B12	24	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B12	24	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B12	24	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B13	26	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 1 of 2, continued)

Story	Label	UniqueName	Location	Section	V kN	V Combo	At mm2/m	T for At kN-m	T for At Combo
Story1	B13	26	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B13	26	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B14	28	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B14	28	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B14	28	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B15	30	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B15	30	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B15	30	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B16	32	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B16	32	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B16	32	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B17	34	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B17	34	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B17	34	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B18	36	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B18	36	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B18	36	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B30	778	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B30	778	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B30	778	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B35	780	End-I	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B35	780	Middle	BEAM25*30cm	0	DConS20	460	0	DConS20
Story1	B35	780	End-J	BEAM25*30cm	0	DConS20	460	0	DConS20
Base	B1	37	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B1	37	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B1	37	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B2	39	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B2	39	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B2	39	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B3	52	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B3	52	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B3	52	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B4	63	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B4	63	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B4	63	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B5	62	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B5	62	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B5	62	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B6	38	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B6	38	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B6	38	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B7	43	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B7	43	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B7	43	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B8	44	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B8	44	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B8	44	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B9	45	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B9	45	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 1 of 2, continued)

Story	Label	UniqueName	Location	Section	V kN	V Combo	At mm2/m	T for At kN-m	T for At Combo
Base	B9	45	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B10	47	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B10	47	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B10	47	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B11	54	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B11	54	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B11	54	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B12	55	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B12	55	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B12	55	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B13	56	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B13	56	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B13	56	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B14	57	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B14	57	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B14	57	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B15	58	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B15	58	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B15	58	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B16	59	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B16	59	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B16	59	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B17	60	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B17	60	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B17	60	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B18	61	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B18	61	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B18	61	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B19	40	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B19	40	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B19	40	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B20	41	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B20	41	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B20	41	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B21	42	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B21	42	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B21	42	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B22	46	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B22	46	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B22	46	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B23	48	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B23	48	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B23	48	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B24	49	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B24	49	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B24	49	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B25	50	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B25	50	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B25	50	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 1 of 2, continued)

Story	Label	UniqueName	Location	Section	V kN	V Combo	At mm ² /m	T for At kN-m	T for At Combo
Base	B26	51	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B26	51	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B26	51	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B27	53	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B27	53	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B27	53	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B28	64	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B28	64	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B28	64	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B29	65	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B29	65	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B29	65	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B30	66	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B30	66	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B30	66	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B31	67	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B31	67	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B31	67	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B32	68	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B32	68	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B32	68	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B33	69	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B33	69	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B33	69	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B34	70	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B34	70	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B34	70	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B35	71	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B35	71	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B35	71	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B36	72	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B36	72	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B36	72	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B37	73	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B37	73	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B37	73	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B38	74	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B38	74	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B38	74	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B39	75	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B39	75	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B39	75	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B40	76	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B40	76	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B40	76	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B41	77	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B41	77	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B41	77	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B42	78	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 1 of 2, continued)

Story	Label	UniqueName	Location	Section	V kN	V Combo	At mm2/m	T for At kN-m	T for At Combo
Base	B42	78	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B42	78	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B43	79	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B43	79	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B43	79	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B44	80	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B44	80	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B44	80	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B45	81	End-I	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B45	81	Middle	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20
Base	B45	81	End-J	GRADEBEAM30*40cm	0	DConS20	552	0	DConS20

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 2 of 2)

Story	Label	UniqueName	Location	At Torsion mm2/m	T for As kN-m	T for As Combo	As Torsion mm2
Story2	B1	1	End-I	0	0	DConS20	0
Story2	B1	1	Middle	0	0	DConS20	0
Story2	B1	1	End-J	0	0	DConS20	0
Story2	B2	5	End-I	0	0	DConS20	0
Story2	B2	5	Middle	0	0	DConS20	0
Story2	B2	5	End-J	0	0	DConS20	0
Story2	B3	9	End-I	0	0	DConS20	0
Story2	B3	9	Middle	0	0	DConS20	0
Story2	B3	9	End-J	0	0	DConS20	0
Story2	B4	13	End-I	0	0	DConS20	0
Story2	B4	13	Middle	0	0	DConS20	0
Story2	B4	13	End-J	0	0	DConS20	0
Story2	B5	17	End-I	0	0	DConS20	0
Story2	B5	17	Middle	0	0	DConS20	0
Story2	B5	17	End-J	0	0	DConS20	0
Story2	B6	120	End-I	0	0	DConS20	0
Story2	B6	120	Middle	0	0	DConS20	0
Story2	B6	120	End-J	0	0	DConS20	0
Story2	B7	121	End-I	0	0	DConS20	0
Story2	B7	121	Middle	0	0	DConS20	0
Story2	B7	121	End-J	0	0	DConS20	0
Story2	B8	128	End-I	0	0	DConS20	0
Story2	B8	128	Middle	0	0	DConS20	0
Story2	B8	128	End-J	0	0	DConS20	0
Story2	B9	141	End-I	0	0	DConS20	0
Story2	B9	141	Middle	0	0	DConS20	0
Story2	B9	141	End-J	0	0	DConS20	0
Story2	B10	142	End-I	0	0	DConS20	0
Story2	B10	142	Middle	0	0	DConS20	0
Story2	B10	142	End-J	0	0	DConS20	0
Story2	B11	143	End-I	0	0	DConS20	0
Story2	B11	143	Middle	0	0	DConS20	0
Story2	B11	143	End-J	0	0	DConS20	0

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 2 of 2, continued)

Story	Label	UniqueName	Location	At Torsion mm2/m	T for As kN-m	T for As Combo	As Torsion mm2
Story2	B12	144	End-I	0	0	DConS20	0
Story2	B12	144	Middle	0	0	DConS20	0
Story2	B12	144	End-J	0	0	DConS20	0
Story2	B13	145	End-I	0	0	DConS20	0
Story2	B13	145	Middle	0	0	DConS20	0
Story2	B13	145	End-J	0	0	DConS20	0
Story2	B14	147	End-I	0	0	DConS20	0
Story2	B14	147	Middle	0	0	DConS20	0
Story2	B14	147	End-J	0	0	DConS20	0
Story2	B15	745	End-I	0	0	DConS20	0
Story2	B15	745	Middle	0	0	DConS20	0
Story2	B15	745	End-J	0	0	DConS20	0
Story2	B16	747	End-I	0	0	DConS20	0
Story2	B16	747	Middle	0	0	DConS20	0
Story2	B16	747	End-J	0	0	DConS20	0
Story2	B17	748	End-I	0	0	DConS20	0
Story2	B17	748	Middle	0	0	DConS20	0
Story2	B17	748	End-J	0	0	DConS20	0
Story2	B18	21	End-I	0	0	DConS20	0
Story2	B18	21	Middle	0	0	DConS20	0
Story2	B18	21	End-J	0	0	DConS20	0
Story1	B1	2	End-I	0	0	DConS20	0
Story1	B1	2	Middle	0	0	DConS20	0
Story1	B1	2	End-J	0	0	DConS20	0
Story1	B2	4	End-I	0	0	DConS20	0
Story1	B2	4	Middle	0	0	DConS20	0
Story1	B2	4	End-J	0	0	DConS20	0
Story1	B3	6	End-I	0	0	DConS20	0
Story1	B3	6	Middle	0	0	DConS20	0
Story1	B3	6	End-J	0	0	DConS20	0
Story1	B4	8	End-I	0	0	DConS20	0
Story1	B4	8	Middle	0	0	DConS20	0
Story1	B4	8	End-J	0	0	DConS20	0
Story1	B5	10	End-I	0	0	DConS20	0
Story1	B5	10	Middle	0	0	DConS20	0
Story1	B5	10	End-J	0	0	DConS20	0
Story1	B6	12	End-I	0	0	DConS20	0
Story1	B6	12	Middle	0	0	DConS20	0
Story1	B6	12	End-J	0	0	DConS20	0
Story1	B7	14	End-I	0	0	DConS20	0
Story1	B7	14	Middle	0	0	DConS20	0
Story1	B7	14	End-J	0	0	DConS20	0
Story1	B8	16	End-I	0	0	DConS20	0
Story1	B8	16	Middle	0	0	DConS20	0
Story1	B8	16	End-J	0	0	DConS20	0
Story1	B9	18	End-I	0	0	DConS20	0
Story1	B9	18	Middle	0	0	DConS20	0
Story1	B9	18	End-J	0	0	DConS20	0

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 2 of 2, continued)

Story	Label	UniqueName	Location	At Torsion mm2/m	T for As kN-m	T for As Combo	As Torsion mm2
Story1	B10	20	End-I	0	0	DConS20	0
Story1	B10	20	Middle	0	0	DConS20	0
Story1	B10	20	End-J	0	0	DConS20	0
Story1	B11	22	End-I	0	0	DConS20	0
Story1	B11	22	Middle	0	0	DConS20	0
Story1	B11	22	End-J	0	0	DConS20	0
Story1	B12	24	End-I	0	0	DConS20	0
Story1	B12	24	Middle	0	0	DConS20	0
Story1	B12	24	End-J	0	0	DConS20	0
Story1	B13	26	End-I	0	0	DConS20	0
Story1	B13	26	Middle	0	0	DConS20	0
Story1	B13	26	End-J	0	0	DConS20	0
Story1	B14	28	End-I	0	0	DConS20	0
Story1	B14	28	Middle	0	0	DConS20	0
Story1	B14	28	End-J	0	0	DConS20	0
Story1	B15	30	End-I	0	0	DConS20	0
Story1	B15	30	Middle	0	0	DConS20	0
Story1	B15	30	End-J	0	0	DConS20	0
Story1	B16	32	End-I	0	0	DConS20	0
Story1	B16	32	Middle	0	0	DConS20	0
Story1	B16	32	End-J	0	0	DConS20	0
Story1	B17	34	End-I	0	0	DConS20	0
Story1	B17	34	Middle	0	0	DConS20	0
Story1	B17	34	End-J	0	0	DConS20	0
Story1	B18	36	End-I	0	0	DConS20	0
Story1	B18	36	Middle	0	0	DConS20	0
Story1	B18	36	End-J	0	0	DConS20	0
Story1	B30	778	End-I	0	0	DConS20	0
Story1	B30	778	Middle	0	0	DConS20	0
Story1	B30	778	End-J	0	0	DConS20	0
Story1	B35	780	End-I	0	0	DConS20	0
Story1	B35	780	Middle	0	0	DConS20	0
Story1	B35	780	End-J	0	0	DConS20	0
Base	B1	37	End-I	0	0	DConS20	0
Base	B1	37	Middle	0	0	DConS20	0
Base	B1	37	End-J	0	0	DConS20	0
Base	B2	39	End-I	0	0	DConS20	0
Base	B2	39	Middle	0	0	DConS20	0
Base	B2	39	End-J	0	0	DConS20	0
Base	B3	52	End-I	0	0	DConS20	0
Base	B3	52	Middle	0	0	DConS20	0
Base	B3	52	End-J	0	0	DConS20	0
Base	B4	63	End-I	0	0	DConS20	0
Base	B4	63	Middle	0	0	DConS20	0
Base	B4	63	End-J	0	0	DConS20	0
Base	B5	62	End-I	0	0	DConS20	0
Base	B5	62	Middle	0	0	DConS20	0
Base	B5	62	End-J	0	0	DConS20	0

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 2 of 2, continued)

Story	Label	UniqueName	Location	At Torsion mm2/m	T for As kN-m	T for As Combo	As Torsion mm2
Base	B6	38	End-I	0	0	DConS20	0
Base	B6	38	Middle	0	0	DConS20	0
Base	B6	38	End-J	0	0	DConS20	0
Base	B7	43	End-I	0	0	DConS20	0
Base	B7	43	Middle	0	0	DConS20	0
Base	B7	43	End-J	0	0	DConS20	0
Base	B8	44	End-I	0	0	DConS20	0
Base	B8	44	Middle	0	0	DConS20	0
Base	B8	44	End-J	0	0	DConS20	0
Base	B9	45	End-I	0	0	DConS20	0
Base	B9	45	Middle	0	0	DConS20	0
Base	B9	45	End-J	0	0	DConS20	0
Base	B10	47	End-I	0	0	DConS20	0
Base	B10	47	Middle	0	0	DConS20	0
Base	B10	47	End-J	0	0	DConS20	0
Base	B11	54	End-I	0	0	DConS20	0
Base	B11	54	Middle	0	0	DConS20	0
Base	B11	54	End-J	0	0	DConS20	0
Base	B12	55	End-I	0	0	DConS20	0
Base	B12	55	Middle	0	0	DConS20	0
Base	B12	55	End-J	0	0	DConS20	0
Base	B13	56	End-I	0	0	DConS20	0
Base	B13	56	Middle	0	0	DConS20	0
Base	B13	56	End-J	0	0	DConS20	0
Base	B14	57	End-I	0	0	DConS20	0
Base	B14	57	Middle	0	0	DConS20	0
Base	B14	57	End-J	0	0	DConS20	0
Base	B15	58	End-I	0	0	DConS20	0
Base	B15	58	Middle	0	0	DConS20	0
Base	B15	58	End-J	0	0	DConS20	0
Base	B16	59	End-I	0	0	DConS20	0
Base	B16	59	Middle	0	0	DConS20	0
Base	B16	59	End-J	0	0	DConS20	0
Base	B17	60	End-I	0	0	DConS20	0
Base	B17	60	Middle	0	0	DConS20	0
Base	B17	60	End-J	0	0	DConS20	0
Base	B18	61	End-I	0	0	DConS20	0
Base	B18	61	Middle	0	0	DConS20	0
Base	B18	61	End-J	0	0	DConS20	0
Base	B19	40	End-I	0	0	DConS20	0
Base	B19	40	Middle	0	0	DConS20	0
Base	B19	40	End-J	0	0	DConS20	0
Base	B20	41	End-I	0	0	DConS20	0
Base	B20	41	Middle	0	0	DConS20	0
Base	B20	41	End-J	0	0	DConS20	0
Base	B21	42	End-I	0	0	DConS20	0
Base	B21	42	Middle	0	0	DConS20	0
Base	B21	42	End-J	0	0	DConS20	0

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 2 of 2, continued)

Story	Label	UniqueName	Location	At Torsion mm2/m	T for As kN-m	T for As Combo	As Torsion mm2
Base	B22	46	End-I	0	0	DConS20	0
Base	B22	46	Middle	0	0	DConS20	0
Base	B22	46	End-J	0	0	DConS20	0
Base	B23	48	End-I	0	0	DConS20	0
Base	B23	48	Middle	0	0	DConS20	0
Base	B23	48	End-J	0	0	DConS20	0
Base	B24	49	End-I	0	0	DConS20	0
Base	B24	49	Middle	0	0	DConS20	0
Base	B24	49	End-J	0	0	DConS20	0
Base	B25	50	End-I	0	0	DConS20	0
Base	B25	50	Middle	0	0	DConS20	0
Base	B25	50	End-J	0	0	DConS20	0
Base	B26	51	End-I	0	0	DConS20	0
Base	B26	51	Middle	0	0	DConS20	0
Base	B26	51	End-J	0	0	DConS20	0
Base	B27	53	End-I	0	0	DConS20	0
Base	B27	53	Middle	0	0	DConS20	0
Base	B27	53	End-J	0	0	DConS20	0
Base	B28	64	End-I	0	0	DConS20	0
Base	B28	64	Middle	0	0	DConS20	0
Base	B28	64	End-J	0	0	DConS20	0
Base	B29	65	End-I	0	0	DConS20	0
Base	B29	65	Middle	0	0	DConS20	0
Base	B29	65	End-J	0	0	DConS20	0
Base	B30	66	End-I	0	0	DConS20	0
Base	B30	66	Middle	0	0	DConS20	0
Base	B30	66	End-J	0	0	DConS20	0
Base	B31	67	End-I	0	0	DConS20	0
Base	B31	67	Middle	0	0	DConS20	0
Base	B31	67	End-J	0	0	DConS20	0
Base	B32	68	End-I	0	0	DConS20	0
Base	B32	68	Middle	0	0	DConS20	0
Base	B32	68	End-J	0	0	DConS20	0
Base	B33	69	End-I	0	0	DConS20	0
Base	B33	69	Middle	0	0	DConS20	0
Base	B33	69	End-J	0	0	DConS20	0
Base	B34	70	End-I	0	0	DConS20	0
Base	B34	70	Middle	0	0	DConS20	0
Base	B34	70	End-J	0	0	DConS20	0
Base	B35	71	End-I	0	0	DConS20	0
Base	B35	71	Middle	0	0	DConS20	0
Base	B35	71	End-J	0	0	DConS20	0
Base	B36	72	End-I	0	0	DConS20	0
Base	B36	72	Middle	0	0	DConS20	0
Base	B36	72	End-J	0	0	DConS20	0
Base	B37	73	End-I	0	0	DConS20	0
Base	B37	73	Middle	0	0	DConS20	0
Base	B37	73	End-J	0	0	DConS20	0

Table 6.7 - Concrete Beam Shear Envelope - BS 8110-97 (Part 2 of 2, continued)

Story	Label	UniqueName	Location	At Torsion mm2/m	T for As kN-m	T for As Combo	As Torsion mm2
Base	B38	74	End-I	0	0	DConS20	0
Base	B38	74	Middle	0	0	DConS20	0
Base	B38	74	End-J	0	0	DConS20	0
Base	B39	75	End-I	0	0	DConS20	0
Base	B39	75	Middle	0	0	DConS20	0
Base	B39	75	End-J	0	0	DConS20	0
Base	B40	76	End-I	0	0	DConS20	0
Base	B40	76	Middle	0	0	DConS20	0
Base	B40	76	End-J	0	0	DConS20	0
Base	B41	77	End-I	0	0	DConS20	0
Base	B41	77	Middle	0	0	DConS20	0
Base	B41	77	End-J	0	0	DConS20	0
Base	B42	78	End-I	0	0	DConS20	0
Base	B42	78	Middle	0	0	DConS20	0
Base	B42	78	End-J	0	0	DConS20	0
Base	B43	79	End-I	0	0	DConS20	0
Base	B43	79	Middle	0	0	DConS20	0
Base	B43	79	End-J	0	0	DConS20	0
Base	B44	80	End-I	0	0	DConS20	0
Base	B44	80	Middle	0	0	DConS20	0
Base	B44	80	End-J	0	0	DConS20	0
Base	B45	81	End-I	0	0	DConS20	0
Base	B45	81	Middle	0	0	DConS20	0
Base	B45	81	End-J	0	0	DConS20	0

Table 6.8 - Concrete Joint Envelope - BS 8110-97

Story	Label	UniqueName	Section	B/C Major Combo	B/C Major Ratio	B/C Minor Combo	B/C Minor Ratio	JS Major Combo	JS Major Ratio	JS Minor Combo	JS Minor Ratio
Story2	C1	82	COLUMN25*25cm								
Story2	C2	84	COLUMN25*25cm								
Story2	C3	86	COLUMN25*25cm								
Story2	C4	88	COLUMN25*25cm								
Story2	C5	90	COLUMN25*25cm								
Story2	C6	92	COLUMN25*25cm								
Story2	C7	94	COLUMN25*25cm								
Story2	C8	96	COLUMN25*25cm								
Story2	C9	98	COLUMN25*25cm								
Story2	C10	100	COLUMN25*25cm								
Story2	C11	102	COLUMN25*25cm								
Story2	C12	104	COLUMN25*25cm								
Story2	C13	106	COLUMN25*25cm								
Story2	C14	108	COLUMN25*25cm								
Story2	C15	110	COLUMN25*25cm								
Story2	C16	112	COLUMN25*25cm								
Story2	C17	114	COLUMN25*25cm								
Story2	C18	116	COLUMN25*25cm								
Story1	C1	83	COLUMN25*25cm								

Table 6.8 - Concrete Joint Envelope - BS 8110-97 (continued)

Story	Label	UniqueName	Section	B/C Major Combo	B/C Major Ratio	B/C Minor Combo	B/C Minor Ratio	JS Major Combo	JS Major Ratio	JS Minor Combo	JS Minor Ratio
Story1	C2	85	COLUMN25*25cm								
Story1	C3	87	COLUMN25*25cm								
Story1	C4	89	COLUMN25*25cm								
Story1	C5	91	COLUMN25*25cm								
Story1	C6	93	COLUMN25*25cm								
Story1	C7	95	COLUMN25*25cm								
Story1	C8	97	COLUMN25*25cm								
Story1	C9	99	COLUMN25*25cm								
Story1	C10	101	COLUMN25*25cm								
Story1	C11	103	COLUMN25*25cm								
Story1	C12	105	COLUMN25*25cm								
Story1	C13	107	COLUMN25*25cm								
Story1	C14	109	COLUMN25*25cm								
Story1	C15	111	COLUMN25*25cm								
Story1	C16	113	COLUMN25*25cm								
Story1	C17	115	COLUMN25*25cm								
Story1	C18	117	COLUMN25*25cm								
Story1	C212	776	COLUMN25*25cm								