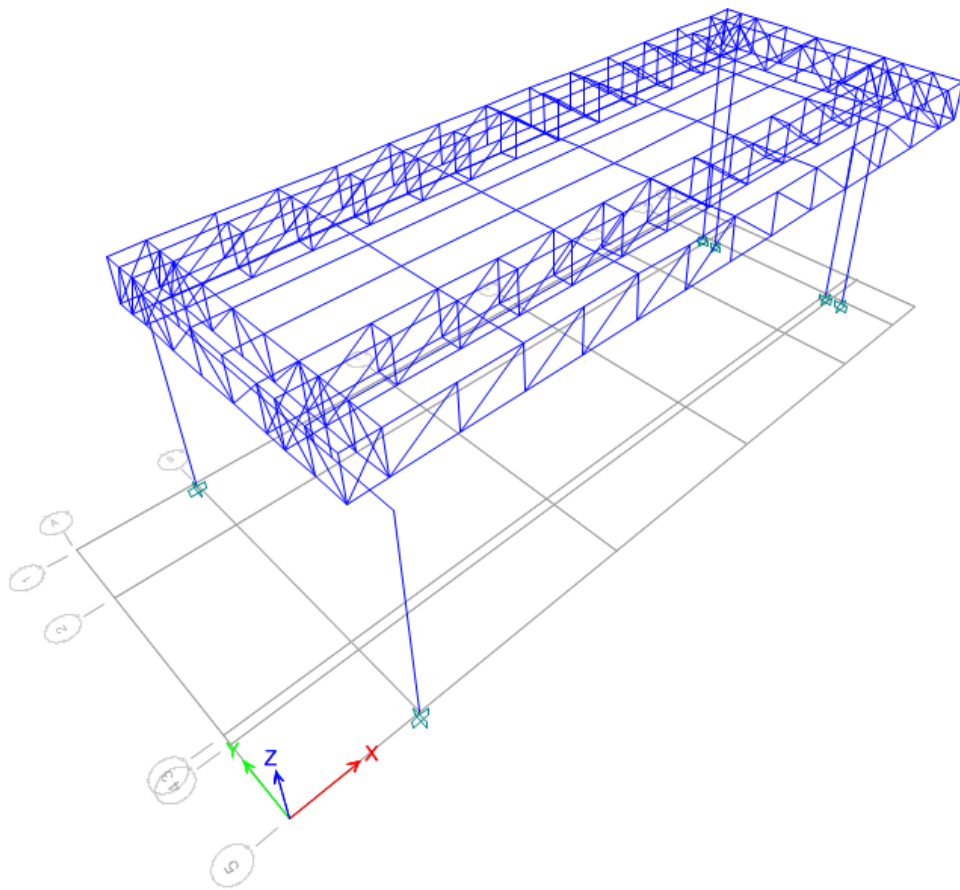




User Report 1

Model File: PORTERIA ASTREA, Revision 0

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Assignments

1 Assignments

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

1.1 Frame Assignments

Table 1.1 - Frame Assignments - Summary (Part 1 of 2)

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
18	Story3	B4	Beam	0.4		TUB100X100X3	TUB100X100X3		
20	Story3	B6	Beam	0.4		TUB100X100X3	TUB100X100X3		
21	Story3	B7	Beam	0.4		TUB100X100X3	TUB100X100X3		
23	Story3	B9	Beam	0.4		TUB100X100X3	TUB100X100X3		
26	Story3	B12	Beam	0.6		TUB100X100X3	TUB100X100X3		
27	Story3	B13	Beam	0.4		TUB100X100X3	TUB100X100X3		
29	Story3	B15	Beam	0.4		TUB100X100X3	TUB100X100X3		
30	Story3	B16	Beam	0.6		TUB100X100X3	TUB100X100X3		
31	Story3	B17	Beam	0.6		TUB100X100X3	TUB100X100X3		
32	Story3	B18	Beam	0.6		TUB100X100X3	TUB100X100X3		
33	Story3	B19	Beam	0.6		TUB100X100X3	TUB100X100X3		
34	Story3	B20	Beam	0.4		TUB100X100X3	TUB100X100X3		
36	Story3	B22	Beam	0.4		TUB100X100X3	TUB100X100X3		
37	Story3	B23	Beam	0.6		TUB100X100X3	TUB100X100X3		
38	Story3	B24	Beam	0.6		TUB100X100X3	TUB100X100X3		
39	Story3	B25	Beam	0.6		TUB100X100X3	TUB100X100X3		
44	Story3	B30	Beam	0.375		TUB100X100X3	TUB100X100X3		
45	Story3	B31	Beam	0.6		TUB100X100X3	TUB100X100X3		
47	Story3	B33	Beam	0.6		TUB100X100X3	TUB100X100X3		
48	Story3	B34	Beam	0.375		TUB100X100X3	TUB100X100X3		
49	Story3	B35	Beam	0.375		TUB100X100X3	TUB100X100X3		
50	Story3	B36	Beam	0.375		TUB100X100X3	TUB100X100X3		
51	Story3	B37	Beam	0.6		TUB100X100X3	TUB100X100X3		
53	Story3	B39	Beam	0.6		TUB100X100X3	TUB100X100X3		
69	Story3	B41	Beam	0.6		TUB100X100X3	TUB100X100X3		
62	Story3	B43	Beam	0.6		TUB100X100X3	TUB100X100X3		
96	Story3	B72	Beam	1.096		TUB100X100X3	TUB100X100X3		
97	Story3	B73	Beam	1.096		TUB100X100X3	TUB100X100X3		
98	Story3	B74	Beam	1.096		TUB100X100X3	TUB100X100X3		
99	Story3	B75	Beam	1.096		TUB100X100X3	TUB100X100X3		
100	Story3	B76	Beam	1.096		TUB100X100X3	TUB100X100X3		
101	Story3	B77	Beam	1.096		TUB100X100X3	TUB100X100X3		
102	Story3	B78	Beam	1.096		TUB100X100X3	TUB100X100X3		
103	Story3	B79	Beam	1.096		TUB100X100X3	TUB100X100X3		
104	Story3	B80	Beam	1.096		TUB100X100X3	TUB100X100X3		
105	Story3	B81	Beam	1.096		TUB100X100X3	TUB100X100X3		
106	Story3	B82	Beam	1.096		TUB100X100X3	TUB100X100X3		
107	Story3	B83	Beam	1.096		TUB100X100X3	TUB100X100X3		
108	Story3	B84	Beam	1.096		TUB100X100X3	TUB100X100X3		
109	Story3	B85	Beam	1.096		TUB100X100X3	TUB100X100X3		
110	Story3	B86	Beam	1.096		TUB100X100X3	TUB100X100X3		
111	Story3	B87	Beam	1.096		TUB100X100X3	TUB100X100X3		
112	Story3	B88	Beam	1.096		TUB100X100X3	TUB100X100X3		
113	Story3	B89	Beam	1.096		TUB100X100X3	TUB100X100X3		
114	Story3	B90	Beam	1.096		TUB100X100X3	TUB100X100X3		
115	Story3	B91	Beam	1.096		TUB100X100X3	TUB100X100X3		
116	Story3	B92	Beam	1.096		TUB100X100X3	TUB100X100X3		
117	Story3	B93	Beam	1.096		TUB100X100X3	TUB100X100X3		
118	Story3	B94	Beam	1.096		TUB100X100X3	TUB100X100X3		
119	Story3	B95	Beam	1.096		TUB100X100X3	TUB100X100X3		
190	Story3	B110	Beam	0.6		TUB100X100X3	TUB100X100X3		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
193	Story3	B111	Beam	0.6		TUB100X100X3	TUB100X100X3		
194	Story3	B112	Beam	1.096		TUB100X100X3	TUB100X100X3		
195	Story3	B113	Beam	1.096		TUB100X100X3	TUB100X100X3		
196	Story3	B114	Beam	1.096		TUB100X100X3	TUB100X100X3		
197	Story3	B115	Beam	1.096		TUB100X100X3	TUB100X100X3		
198	Story3	B116	Beam	1.096		TUB100X100X3	TUB100X100X3		
199	Story3	B117	Beam	1.096		TUB100X100X3	TUB100X100X3		
200	Story3	B118	Beam	1.096		TUB100X100X3	TUB100X100X3		
201	Story3	B119	Beam	1.096		TUB100X100X3	TUB100X100X3		
202	Story3	B120	Beam	1.096		TUB100X100X3	TUB100X100X3		
203	Story3	B121	Beam	1.096		TUB100X100X3	TUB100X100X3		
204	Story3	B122	Beam	1.096		TUB100X100X3	TUB100X100X3		
205	Story3	B123	Beam	1.096		TUB100X100X3	TUB100X100X3		
233	Story3	B124	Beam	0.6		TUB100X100X3	TUB100X100X3		
234	Story3	B125	Beam	0.6		TUB100X100X3	TUB100X100X3		
235	Story3	B126	Beam	1.096		TUB100X100X3	TUB100X100X3		
236	Story3	B127	Beam	1.096		TUB100X100X3	TUB100X100X3		
237	Story3	B128	Beam	1.096		TUB100X100X3	TUB100X100X3		
238	Story3	B129	Beam	1.096		TUB100X100X3	TUB100X100X3		
239	Story3	B130	Beam	1.096		TUB100X100X3	TUB100X100X3		
240	Story3	B131	Beam	1.096		TUB100X100X3	TUB100X100X3		
241	Story3	B132	Beam	1.096		TUB100X100X3	TUB100X100X3		
242	Story3	B133	Beam	1.096		TUB100X100X3	TUB100X100X3		
243	Story3	B134	Beam	1.096		TUB100X100X3	TUB100X100X3		
244	Story3	B135	Beam	1.096		TUB100X100X3	TUB100X100X3		
245	Story3	B136	Beam	1.096		TUB100X100X3	TUB100X100X3		
246	Story3	B137	Beam	1.096		TUB100X100X3	TUB100X100X3		
274	Story3	B138	Beam	0.6		TUB100X100X3	TUB100X100X3		
275	Story3	B139	Beam	0.6		TUB100X100X3	TUB100X100X3		
276	Story3	B140	Beam	1.096		TUB100X100X3	TUB100X100X3		
277	Story3	B141	Beam	1.096		TUB100X100X3	TUB100X100X3		
278	Story3	B142	Beam	1.096		TUB100X100X3	TUB100X100X3		
279	Story3	B143	Beam	1.096		TUB100X100X3	TUB100X100X3		
280	Story3	B144	Beam	1.096		TUB100X100X3	TUB100X100X3		
281	Story3	B145	Beam	1.096		TUB100X100X3	TUB100X100X3		
282	Story3	B146	Beam	1.096		TUB100X100X3	TUB100X100X3		
283	Story3	B147	Beam	1.096		TUB100X100X3	TUB100X100X3		
284	Story3	B148	Beam	1.096		TUB100X100X3	TUB100X100X3		
285	Story3	B149	Beam	1.096		TUB100X100X3	TUB100X100X3		
286	Story3	B150	Beam	1.096		TUB100X100X3	TUB100X100X3		
287	Story3	B151	Beam	1.096		TUB100X100X3	TUB100X100X3		
315	Story3	B152	Beam	0.6		TUB100X100X3	TUB100X100X3		
316	Story3	B153	Beam	0.6		TUB100X100X3	TUB100X100X3		
317	Story3	B154	Beam	1.096		TUB100X100X3	TUB100X100X3		
318	Story3	B155	Beam	1.096		TUB100X100X3	TUB100X100X3		
319	Story3	B156	Beam	1.096		TUB100X100X3	TUB100X100X3		
320	Story3	B157	Beam	1.096		TUB100X100X3	TUB100X100X3		
321	Story3	B158	Beam	1.096		TUB100X100X3	TUB100X100X3		
322	Story3	B159	Beam	1.096		TUB100X100X3	TUB100X100X3		
323	Story3	B160	Beam	1.096		TUB100X100X3	TUB100X100X3		
324	Story3	B161	Beam	1.096		TUB100X100X3	TUB100X100X3		
325	Story3	B162	Beam	1.096		TUB100X100X3	TUB100X100X3		
326	Story3	B163	Beam	1.096		TUB100X100X3	TUB100X100X3		
327	Story3	B164	Beam	1.096		TUB100X100X3	TUB100X100X3		
328	Story3	B165	Beam	1.096		TUB100X100X3	TUB100X100X3		
356	Story3	B166	Beam	0.6		TUB100X100X3	TUB100X100X3		
357	Story3	B167	Beam	0.6		TUB100X100X3	TUB100X100X3		
358	Story3	B168	Beam	1.096		TUB100X100X3	TUB100X100X3		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
359	Story3	B169	Beam	1.096		TUB100X100X3	TUB100X100X3		
360	Story3	B170	Beam	1.096		TUB100X100X3	TUB100X100X3		
361	Story3	B171	Beam	1.096		TUB100X100X3	TUB100X100X3		
362	Story3	B172	Beam	1.096		TUB100X100X3	TUB100X100X3		
363	Story3	B173	Beam	1.096		TUB100X100X3	TUB100X100X3		
364	Story3	B174	Beam	1.096		TUB100X100X3	TUB100X100X3		
365	Story3	B175	Beam	1.096		TUB100X100X3	TUB100X100X3		
366	Story3	B176	Beam	1.096		TUB100X100X3	TUB100X100X3		
367	Story3	B177	Beam	1.096		TUB100X100X3	TUB100X100X3		
368	Story3	B178	Beam	1.096		TUB100X100X3	TUB100X100X3		
369	Story3	B179	Beam	1.096		TUB100X100X3	TUB100X100X3		
396	Story3	B181	Beam	0.4		TUB100X100X3	TUB100X100X3		
398	Story3	B183	Beam	0.4		TUB100X100X3	TUB100X100X3		
399	Story3	B184	Beam	0.375		TUB100X100X3	TUB100X100X3		
400	Story3	B185	Beam	0.6375		TUB100X100X3	TUB100X100X3		
401	Story3	B186	Beam	0.6375		TUB100X100X3	TUB100X100X3		
402	Story3	B187	Beam	0.6375		TUB100X100X3	TUB100X100X3		
403	Story3	B188	Beam	0.6375		TUB100X100X3	TUB100X100X3		
404	Story3	B189	Beam	0.7888		TUB100X100X3	TUB100X100X3		
405	Story3	B190	Beam	0.7888		TUB100X100X3	TUB100X100X3		
406	Story3	B191	Beam	0.7888		TUB100X100X3	TUB100X100X3		
407	Story3	B192	Beam	0.7888		TUB100X100X3	TUB100X100X3		
408	Story3	B193	Beam	0.7888		TUB100X100X3	TUB100X100X3		
409	Story3	B194	Beam	0.7888		TUB100X100X3	TUB100X100X3		
410	Story3	B195	Beam	0.7888		TUB100X100X3	TUB100X100X3		
411	Story3	B196	Beam	0.7888		TUB100X100X3	TUB100X100X3		
425	Story3	B197	Beam	0.4		TUB100X100X3	TUB100X100X3		
426	Story3	B198	Beam	0.4		TUB100X100X3	TUB100X100X3		
427	Story3	B199	Beam	0.375		TUB100X100X3	TUB100X100X3		
428	Story3	B200	Beam	0.6375		TUB100X100X3	TUB100X100X3		
429	Story3	B201	Beam	0.6375		TUB100X100X3	TUB100X100X3		
430	Story3	B202	Beam	0.7888		TUB100X100X3	TUB100X100X3		
431	Story3	B203	Beam	0.7888		TUB100X100X3	TUB100X100X3		
432	Story3	B204	Beam	0.7888		TUB100X100X3	TUB100X100X3		
433	Story3	B205	Beam	0.7888		TUB100X100X3	TUB100X100X3		
447	Story3	B206	Beam	0.4		TUB100X100X3	TUB100X100X3		
448	Story3	B207	Beam	0.4		TUB100X100X3	TUB100X100X3		
449	Story3	B208	Beam	0.375		TUB100X100X3	TUB100X100X3		
450	Story3	B209	Beam	0.6375		TUB100X100X3	TUB100X100X3		
451	Story3	B210	Beam	0.6375		TUB100X100X3	TUB100X100X3		
452	Story3	B211	Beam	0.7888		TUB100X100X3	TUB100X100X3		
453	Story3	B212	Beam	0.7888		TUB100X100X3	TUB100X100X3		
454	Story3	B213	Beam	0.7888		TUB100X100X3	TUB100X100X3		
455	Story3	B214	Beam	0.7888		TUB100X100X3	TUB100X100X3		
469	Story3	B215	Beam	0.4		TUB100X100X3	TUB100X100X3		
470	Story3	B216	Beam	0.4		TUB100X100X3	TUB100X100X3		
471	Story3	B217	Beam	0.375		TUB100X100X3	TUB100X100X3		
472	Story3	B218	Beam	0.6375		TUB100X100X3	TUB100X100X3		
473	Story3	B219	Beam	0.6375		TUB100X100X3	TUB100X100X3		
474	Story3	B220	Beam	0.7888		TUB100X100X3	TUB100X100X3		
475	Story3	B221	Beam	0.7888		TUB100X100X3	TUB100X100X3		
476	Story3	B222	Beam	0.7888		TUB100X100X3	TUB100X100X3		
477	Story3	B223	Beam	0.7888		TUB100X100X3	TUB100X100X3		
73	Story3	B8	Beam	1.096		TUB100X100X3	TUB100X100X3		
74	Story3	B29	Beam	1.096		TUB100X100X3	TUB100X100X3		
75	Story3	B38	Beam	1.096		TUB100X100X3	TUB100X100X3		
76	Story3	B40	Beam	1.096		TUB100X100X3	TUB100X100X3		
77	Story3	B42	Beam	1.096		TUB100X100X3	TUB100X100X3		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
78	Story3	B44	Beam	1.096		TUB100X100X3	TUB100X100X3		
79	Story3	B45	Beam	1.096		TUB100X100X3	TUB100X100X3		
80	Story3	B46	Beam	1.096		TUB100X100X3	TUB100X100X3		
81	Story3	B47	Beam	1.096		TUB100X100X3	TUB100X100X3		
82	Story3	B48	Beam	1.096		TUB100X100X3	TUB100X100X3		
83	Story3	B49	Beam	1.096		TUB100X100X3	TUB100X100X3		
84	Story3	B50	Beam	1.096		TUB100X100X3	TUB100X100X3		
85	Story3	B51	Beam	1.096		TUB100X100X3	TUB100X100X3		
86	Story3	B52	Beam	1.096		TUB100X100X3	TUB100X100X3		
87	Story3	B53	Beam	1.096		TUB100X100X3	TUB100X100X3		
88	Story3	B54	Beam	1.096		TUB100X100X3	TUB100X100X3		
89	Story3	B55	Beam	1.096		TUB100X100X3	TUB100X100X3		
90	Story3	B56	Beam	1.096		TUB100X100X3	TUB100X100X3		
91	Story3	B57	Beam	1.096		TUB100X100X3	TUB100X100X3		
92	Story3	B58	Beam	1.096		TUB100X100X3	TUB100X100X3		
93	Story3	B59	Beam	1.096		TUB100X100X3	TUB100X100X3		
94	Story3	B60	Beam	1.096		TUB100X100X3	TUB100X100X3		
95	Story3	B61	Beam	1.096		TUB100X100X3	TUB100X100X3		
145	Story3	B62	Beam	1.096		TUB100X100X3	TUB100X100X3		
146	Story3	B63	Beam	0.7888		TUB100X100X3	TUB100X100X3		
147	Story3	B64	Beam	0.7888		TUB100X100X3	TUB100X100X3		
148	Story3	B65	Beam	0.7888		TUB100X100X3	TUB100X100X3		
149	Story3	B66	Beam	0.7888		TUB100X100X3	TUB100X100X3		
150	Story3	B67	Beam	1.096		TUB100X100X3	TUB100X100X3		
151	Story3	B68	Beam	1.096		TUB100X100X3	TUB100X100X3		
152	Story3	B69	Beam	1.096		TUB100X100X3	TUB100X100X3		
153	Story3	B70	Beam	1.096		TUB100X100X3	TUB100X100X3		
154	Story3	B71	Beam	1.096		TUB100X100X3	TUB100X100X3		
155	Story3	B96	Beam	1.096		TUB100X100X3	TUB100X100X3		
156	Story3	B97	Beam	1.096		TUB100X100X3	TUB100X100X3		
157	Story3	B98	Beam	1.096		TUB100X100X3	TUB100X100X3		
158	Story3	B99	Beam	1.096		TUB100X100X3	TUB100X100X3		
159	Story3	B100	Beam	1.096		TUB100X100X3	TUB100X100X3		
160	Story3	B101	Beam	1.096		TUB100X100X3	TUB100X100X3		
161	Story3	B102	Beam	1.096		TUB100X100X3	TUB100X100X3		
162	Story3	B103	Beam	1.096		TUB100X100X3	TUB100X100X3		
163	Story3	B104	Beam	1.096		TUB100X100X3	TUB100X100X3		
164	Story3	B105	Beam	1.096		TUB100X100X3	TUB100X100X3		
165	Story3	B106	Beam	1.096		TUB100X100X3	TUB100X100X3		
166	Story3	B107	Beam	1.096		TUB100X100X3	TUB100X100X3		
167	Story3	B108	Beam	1.096		TUB100X100X3	TUB100X100X3		
168	Story3	B109	Beam	1.096		TUB100X100X3	TUB100X100X3		
169	Story3	B180	Beam	1.096		TUB100X100X3	TUB100X100X3		
170	Story3	B182	Beam	1.096		TUB100X100X3	TUB100X100X3		
171	Story3	B224	Beam	1.096		TUB100X100X3	TUB100X100X3		
172	Story3	B225	Beam	1.096		TUB100X100X3	TUB100X100X3		
173	Story3	B226	Beam	1.096		TUB100X100X3	TUB100X100X3		
174	Story3	B227	Beam	0.7888		TUB100X100X3	TUB100X100X3		
175	Story3	B228	Beam	0.7888		TUB100X100X3	TUB100X100X3		
176	Story3	B229	Beam	0.7888		TUB100X100X3	TUB100X100X3		
177	Story3	B230	Beam	0.7888		TUB100X100X3	TUB100X100X3		
178	Story3	B231	Beam	0.7888		TUB100X100X3	TUB100X100X3		
179	Story3	B232	Beam	0.7888		TUB100X100X3	TUB100X100X3		
180	Story3	B233	Beam	0.7888		TUB100X100X3	TUB100X100X3		
181	Story3	B234	Beam	0.7888		TUB100X100X3	TUB100X100X3		
182	Story3	B235	Beam	0.6375		TUB100X100X3	TUB100X100X3		
183	Story3	B236	Beam	0.6375		TUB100X100X3	TUB100X100X3		
184	Story3	B237	Beam	0.6375		TUB100X100X3	TUB100X100X3		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
185	Story3	B238	Beam	0.6375		TUB100X100X3	TUB100X100X3		
186	Story3	B239	Beam	0.6375		TUB100X100X3	TUB100X100X3		
187	Story3	B240	Beam	0.6375		TUB100X100X3	TUB100X100X3		
395	Story3	B241	Beam	1.096		TUB100X100X3	TUB100X100X3		
397	Story3	B242	Beam	1.096		TUB100X100X3	TUB100X100X3		
491	Story3	B243	Beam	1.096		TUB100X100X3	TUB100X100X3		
492	Story3	B244	Beam	1.096		TUB100X100X3	TUB100X100X3		
493	Story3	B245	Beam	1.096		TUB100X100X3	TUB100X100X3		
494	Story3	B246	Beam	1.096		TUB100X100X3	TUB100X100X3		
495	Story3	B247	Beam	1.096		TUB100X100X3	TUB100X100X3		
496	Story3	B248	Beam	1.096		TUB100X100X3	TUB100X100X3		
497	Story3	B249	Beam	1.096		TUB100X100X3	TUB100X100X3		
498	Story3	B250	Beam	1.096		TUB100X100X3	TUB100X100X3		
499	Story3	B251	Beam	1.096		TUB100X100X3	TUB100X100X3		
500	Story3	B252	Beam	1.096		TUB100X100X3	TUB100X100X3		
501	Story3	B253	Beam	0.4		TUB50X50X2	TUB50X50X2		
502	Story3	B254	Beam	0.4		TUB50X50X2	TUB50X50X2		
503	Story3	B255	Beam	0.4		TUB50X50X2	TUB50X50X2		
504	Story3	B256	Beam	0.4		TUB50X50X2	TUB50X50X2		
505	Story3	B257	Beam	0.4		TUB50X50X2	TUB50X50X2		
506	Story3	B258	Beam	0.4		TUB50X50X2	TUB50X50X2		
507	Story3	B259	Beam	0.4		TUB50X50X2	TUB50X50X2		
508	Story3	B260	Beam	0.4		TUB50X50X2	TUB50X50X2		
509	Story3	B261	Beam	0.4		TUB50X50X2	TUB50X50X2		
510	Story3	B262	Beam	0.4		TUB50X50X2	TUB50X50X2		
511	Story3	B263	Beam	0.4		TUB50X50X2	TUB50X50X2		
512	Story3	B264	Beam	0.4		TUB50X50X2	TUB50X50X2		
513	Story3	B265	Beam	0.4		TUB50X50X2	TUB50X50X2		
514	Story3	B266	Beam	0.4		TUB50X50X2	TUB50X50X2		
515	Story3	B267	Beam	0.4		TUB50X50X2	TUB50X50X2		
516	Story3	B268	Beam	0.4		TUB50X50X2	TUB50X50X2		
517	Story3	B269	Beam	0.4		TUB50X50X2	TUB50X50X2		
518	Story3	B270	Beam	0.4		TUB50X50X2	TUB50X50X2		
519	Story3	B271	Beam	0.4		TUB50X50X2	TUB50X50X2		
520	Story3	B272	Beam	0.4		TUB50X50X2	TUB50X50X2		
521	Story3	B273	Beam	0.4		TUB50X50X2	TUB50X50X2		
522	Story3	B274	Beam	0.4		TUB50X50X2	TUB50X50X2		
523	Story3	B275	Beam	0.4		TUB50X50X2	TUB50X50X2		
524	Story3	B276	Beam	0.4		TUB50X50X2	TUB50X50X2		
525	Story3	B277	Beam	0.4		TUB50X50X2	TUB50X50X2		
526	Story3	B278	Beam	0.4		TUB50X50X2	TUB50X50X2		
527	Story3	B279	Beam	0.4		TUB50X50X2	TUB50X50X2		
528	Story3	B280	Beam	0.4		TUB50X50X2	TUB50X50X2		
529	Story3	B281	Beam	0.4		TUB50X50X2	TUB50X50X2		
530	Story3	B282	Beam	0.4		TUB50X50X2	TUB50X50X2		
531	Story3	B283	Beam	0.4		TUB50X50X2	TUB50X50X2		
532	Story3	B284	Beam	0.4		TUB50X50X2	TUB50X50X2		
533	Story3	B285	Beam	0.4		TUB50X50X2	TUB50X50X2		
534	Story3	B286	Beam	0.4		TUB50X50X2	TUB50X50X2		
535	Story3	B287	Beam	0.4		TUB50X50X2	TUB50X50X2		
536	Story3	B288	Beam	0.4		TUB50X50X2	TUB50X50X2		
537	Story3	B289	Beam	0.4		TUB50X50X2	TUB50X50X2		
538	Story3	B290	Beam	0.4		TUB50X50X2	TUB50X50X2		
539	Story3	B291	Beam	0.4		TUB50X50X2	TUB50X50X2		
540	Story3	B292	Beam	0.4		TUB50X50X2	TUB50X50X2		
541	Story3	B293	Beam	0.4		TUB50X50X2	TUB50X50X2		
542	Story3	B294	Beam	0.4		TUB50X50X2	TUB50X50X2		
543	Story3	B295	Beam	0.4		TUB50X50X2	TUB50X50X2		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
544	Story3	B296	Beam	0.4		TUB50X50X2	TUB50X50X2		
547	Story3	B299	Beam	0.375		TUB100X100X3	TUB100X100X3		
551	Story3	B303	Beam	0.375		TUB100X100X3	TUB100X100X3		
554	Story3	B306	Beam	0.375		TUB100X100X3	TUB100X100X3		
557	Story3	B309	Beam	0.375		TUB100X100X3	TUB100X100X3		
560	Story3	B312	Beam	0.375		TUB100X100X3	TUB100X100X3		
565	Story3	B317	Beam	0.6375		TUB100X100X3	TUB100X100X3		
566	Story3	B318	Beam	0.6375		TUB100X100X3	TUB100X100X3		
567	Story3	B319	Beam	0.7888		TUB100X100X3	TUB100X100X3		
568	Story3	B320	Beam	0.7888		TUB100X100X3	TUB100X100X3		
569	Story3	B321	Beam	0.7888		TUB100X100X3	TUB100X100X3		
570	Story3	B322	Beam	0.7888		TUB100X100X3	TUB100X100X3		
571	Story3	B323	Beam	0.6375		TUB100X100X3	TUB100X100X3		
572	Story3	B324	Beam	0.6375		TUB100X100X3	TUB100X100X3		
573	Story3	B325	Beam	0.7888		TUB100X100X3	TUB100X100X3		
574	Story3	B326	Beam	0.7888		TUB100X100X3	TUB100X100X3		
575	Story3	B327	Beam	0.7888		TUB100X100X3	TUB100X100X3		
576	Story3	B328	Beam	0.7888		TUB100X100X3	TUB100X100X3		
577	Story3	B329	Beam	0.6375		TUB100X100X3	TUB100X100X3		
578	Story3	B330	Beam	0.6375		TUB100X100X3	TUB100X100X3		
579	Story3	B331	Beam	0.7888		TUB100X100X3	TUB100X100X3		
580	Story3	B332	Beam	0.7888		TUB100X100X3	TUB100X100X3		
581	Story3	B333	Beam	0.7888		TUB100X100X3	TUB100X100X3		
582	Story3	B334	Beam	0.7888		TUB100X100X3	TUB100X100X3		
583	Story3	B335	Beam	0.6375		TUB100X100X3	TUB100X100X3		
584	Story3	B336	Beam	0.6375		TUB100X100X3	TUB100X100X3		
585	Story3	B337	Beam	0.7888		TUB100X100X3	TUB100X100X3		
586	Story3	B338	Beam	0.7888		TUB100X100X3	TUB100X100X3		
587	Story3	B339	Beam	0.7888		TUB100X100X3	TUB100X100X3		
588	Story3	B340	Beam	0.7888		TUB100X100X3	TUB100X100X3		
589	Story3	B341	Beam	0.6375		TUB100X100X3	TUB100X100X3		
590	Story3	B342	Beam	0.6375		TUB100X100X3	TUB100X100X3		
591	Story3	B343	Beam	0.7888		TUB100X100X3	TUB100X100X3		
592	Story3	B344	Beam	0.7888		TUB100X100X3	TUB100X100X3		
593	Story3	B345	Beam	0.7888		TUB100X100X3	TUB100X100X3		
594	Story3	B346	Beam	0.7888		TUB100X100X3	TUB100X100X3		
595	Story3	B347	Beam	0.6		TUB100X100X3	TUB100X100X3		
596	Story3	B348	Beam	2.192		TUB100X100X3	TUB100X100X3		
597	Story3	B349	Beam	2.192		TUB100X100X3	TUB100X100X3		
598	Story3	B350	Beam	2.192		TUB100X100X3	TUB100X100X3		
599	Story3	B351	Beam	2.192		TUB100X100X3	TUB100X100X3		
600	Story3	B352	Beam	2.192		TUB100X100X3	TUB100X100X3		
601	Story3	B353	Beam	2.192		TUB100X100X3	TUB100X100X3		
602	Story3	B354	Beam	0.6		TUB100X100X3	TUB100X100X3		
603	Story3	B355	Beam	0.6		TUB100X100X3	TUB100X100X3		
604	Story3	B356	Beam	2.192		TUB100X100X3	TUB100X100X3		
605	Story3	B357	Beam	2.192		TUB100X100X3	TUB100X100X3		
606	Story3	B358	Beam	2.192		TUB100X100X3	TUB100X100X3		
607	Story3	B359	Beam	2.192		TUB100X100X3	TUB100X100X3		
608	Story3	B360	Beam	2.192		TUB100X100X3	TUB100X100X3		
609	Story3	B361	Beam	2.192		TUB100X100X3	TUB100X100X3		
610	Story3	B362	Beam	0.6		TUB100X100X3	TUB100X100X3		
611	Story3	B363	Beam	0.6		TUB100X100X3	TUB100X100X3		
612	Story3	B364	Beam	2.192		TUB100X100X3	TUB100X100X3		
613	Story3	B365	Beam	2.192		TUB100X100X3	TUB100X100X3		
614	Story3	B366	Beam	2.192		TUB100X100X3	TUB100X100X3		
615	Story3	B367	Beam	2.192		TUB100X100X3	TUB100X100X3		
616	Story3	B368	Beam	2.192		TUB100X100X3	TUB100X100X3		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
617	Story3	B369	Beam	2.192		TUB100X100X3	TUB100X100X3		
618	Story3	B370	Beam	0.6		TUB100X100X3	TUB100X100X3		
619	Story3	B371	Beam	0.6		TUB100X100X3	TUB100X100X3		
620	Story3	B372	Beam	2.192		TUB100X100X3	TUB100X100X3		
621	Story3	B373	Beam	2.192		TUB100X100X3	TUB100X100X3		
622	Story3	B374	Beam	2.192		TUB100X100X3	TUB100X100X3		
623	Story3	B375	Beam	2.192		TUB100X100X3	TUB100X100X3		
624	Story3	B376	Beam	2.192		TUB100X100X3	TUB100X100X3		
625	Story3	B377	Beam	2.192		TUB100X100X3	TUB100X100X3		
626	Story3	B378	Beam	0.6		TUB100X100X3	TUB100X100X3		
60	Story3	C14	Column	0.8		TUB100X100X3	TUB100X100X3		
61	Story3	C15	Column	0.8		TUB100X100X3	TUB100X100X3		
65	Story3	C17	Column	0.8		TUB100X100X3	TUB100X100X3		
67	Story3	C19	Column	0.8		TUB100X100X3	TUB100X100X3		
120	Story3	C20	Column	0.8		TUB50X50X2	TUB50X50X2		
121	Story3	C21	Column	0.8		TUB50X50X2	TUB50X50X2		
122	Story3	C22	Column	0.8		TUB50X50X2	TUB50X50X2		
123	Story3	C23	Column	0.8		TUB50X50X2	TUB50X50X2		
124	Story3	C24	Column	0.8		TUB50X50X2	TUB50X50X2		
125	Story3	C25	Column	0.8		TUB50X50X2	TUB50X50X2		
126	Story3	C26	Column	0.8		TUB50X50X2	TUB50X50X2		
127	Story3	C27	Column	0.8		TUB50X50X2	TUB50X50X2		
128	Story3	C28	Column	0.8		TUB50X50X2	TUB50X50X2		
129	Story3	C29	Column	0.8		TUB50X50X2	TUB50X50X2		
130	Story3	C30	Column	0.8		TUB50X50X2	TUB50X50X2		
192	Story3	C31	Column	0.8		TUB100X100X3	TUB100X100X3		
189	Story3	C33	Column	0.8		TUB100X100X3	TUB100X100X3		
188	Story3	C46	Column	0.8		TUB100X100X3	TUB100X100X3		
191	Story3	C47	Column	0.8		TUB100X100X3	TUB100X100X3		
206	Story3	C48	Column	0.8		TUB50X50X2	TUB50X50X2		
207	Story3	C49	Column	0.8		TUB50X50X2	TUB50X50X2		
208	Story3	C50	Column	0.8		TUB50X50X2	TUB50X50X2		
209	Story3	C51	Column	0.8		TUB50X50X2	TUB50X50X2		
210	Story3	C52	Column	0.8		TUB50X50X2	TUB50X50X2		
211	Story3	C53	Column	0.8		TUB50X50X2	TUB50X50X2		
212	Story3	C54	Column	0.8		TUB50X50X2	TUB50X50X2		
213	Story3	C55	Column	0.8		TUB50X50X2	TUB50X50X2		
214	Story3	C56	Column	0.8		TUB50X50X2	TUB50X50X2		
215	Story3	C57	Column	0.8		TUB50X50X2	TUB50X50X2		
216	Story3	C58	Column	0.8		TUB50X50X2	TUB50X50X2		
231	Story3	C59	Column	0.8		TUB100X100X3	TUB100X100X3		
232	Story3	C60	Column	0.8		TUB100X100X3	TUB100X100X3		
247	Story3	C61	Column	0.8		TUB50X50X2	TUB50X50X2		
248	Story3	C62	Column	0.8		TUB50X50X2	TUB50X50X2		
249	Story3	C63	Column	0.8		TUB50X50X2	TUB50X50X2		
250	Story3	C64	Column	0.8		TUB50X50X2	TUB50X50X2		
251	Story3	C65	Column	0.8		TUB50X50X2	TUB50X50X2		
252	Story3	C66	Column	0.8		TUB50X50X2	TUB50X50X2		
253	Story3	C67	Column	0.8		TUB50X50X2	TUB50X50X2		
254	Story3	C68	Column	0.8		TUB50X50X2	TUB50X50X2		
255	Story3	C69	Column	0.8		TUB50X50X2	TUB50X50X2		
256	Story3	C70	Column	0.8		TUB50X50X2	TUB50X50X2		
257	Story3	C71	Column	0.8		TUB50X50X2	TUB50X50X2		
272	Story3	C72	Column	0.8		TUB100X100X3	TUB100X100X3		
273	Story3	C73	Column	0.8		TUB100X100X3	TUB100X100X3		
288	Story3	C74	Column	0.8		TUB50X50X2	TUB50X50X2		
289	Story3	C75	Column	0.8		TUB50X50X2	TUB50X50X2		
290	Story3	C76	Column	0.8		TUB50X50X2	TUB50X50X2		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
291	Story3	C77	Column	0.8		TUB50X50X2	TUB50X50X2		
292	Story3	C78	Column	0.8		TUB50X50X2	TUB50X50X2		
293	Story3	C79	Column	0.8		TUB50X50X2	TUB50X50X2		
294	Story3	C80	Column	0.8		TUB50X50X2	TUB50X50X2		
295	Story3	C81	Column	0.8		TUB50X50X2	TUB50X50X2		
296	Story3	C82	Column	0.8		TUB50X50X2	TUB50X50X2		
297	Story3	C83	Column	0.8		TUB50X50X2	TUB50X50X2		
298	Story3	C84	Column	0.8		TUB50X50X2	TUB50X50X2		
313	Story3	C85	Column	0.8		TUB100X100X3	TUB100X100X3		
314	Story3	C86	Column	0.8		TUB100X100X3	TUB100X100X3		
329	Story3	C87	Column	0.8		TUB50X50X2	TUB50X50X2		
330	Story3	C88	Column	0.8		TUB50X50X2	TUB50X50X2		
331	Story3	C89	Column	0.8		TUB50X50X2	TUB50X50X2		
332	Story3	C90	Column	0.8		TUB50X50X2	TUB50X50X2		
333	Story3	C91	Column	0.8		TUB50X50X2	TUB50X50X2		
334	Story3	C92	Column	0.8		TUB50X50X2	TUB50X50X2		
335	Story3	C93	Column	0.8		TUB50X50X2	TUB50X50X2		
336	Story3	C94	Column	0.8		TUB50X50X2	TUB50X50X2		
337	Story3	C95	Column	0.8		TUB50X50X2	TUB50X50X2		
338	Story3	C96	Column	0.8		TUB50X50X2	TUB50X50X2		
339	Story3	C97	Column	0.8		TUB50X50X2	TUB50X50X2		
354	Story3	C98	Column	0.8		TUB100X100X3	TUB100X100X3		
355	Story3	C99	Column	0.8		TUB100X100X3	TUB100X100X3		
370	Story3	C100	Column	0.8		TUB50X50X2	TUB50X50X2		
371	Story3	C101	Column	0.8		TUB50X50X2	TUB50X50X2		
372	Story3	C102	Column	0.8		TUB50X50X2	TUB50X50X2		
373	Story3	C103	Column	0.8		TUB50X50X2	TUB50X50X2		
374	Story3	C104	Column	0.8		TUB50X50X2	TUB50X50X2		
375	Story3	C105	Column	0.8		TUB50X50X2	TUB50X50X2		
376	Story3	C106	Column	0.8		TUB50X50X2	TUB50X50X2		
377	Story3	C107	Column	0.8		TUB50X50X2	TUB50X50X2		
378	Story3	C108	Column	0.8		TUB50X50X2	TUB50X50X2		
379	Story3	C109	Column	0.8		TUB50X50X2	TUB50X50X2		
380	Story3	C110	Column	0.8		TUB50X50X2	TUB50X50X2		
413	Story3	C111	Column	0.8		TUB50X50X2	TUB50X50X2		
415	Story3	C112	Column	0.8		TUB50X50X2	TUB50X50X2		
416	Story3	C113	Column	0.8		TUB50X50X2	TUB50X50X2		
417	Story3	C114	Column	0.8		TUB50X50X2	TUB50X50X2		
435	Story3	C115	Column	0.8		TUB50X50X2	TUB50X50X2		
437	Story3	C116	Column	0.8		TUB50X50X2	TUB50X50X2		
438	Story3	C117	Column	0.8		TUB50X50X2	TUB50X50X2		
439	Story3	C118	Column	0.8		TUB50X50X2	TUB50X50X2		
457	Story3	C119	Column	0.8		TUB50X50X2	TUB50X50X2		
459	Story3	C120	Column	0.8		TUB50X50X2	TUB50X50X2		
460	Story3	C121	Column	0.8		TUB50X50X2	TUB50X50X2		
461	Story3	C122	Column	0.8		TUB50X50X2	TUB50X50X2		
479	Story3	C123	Column	0.8		TUB50X50X2	TUB50X50X2		
481	Story3	C124	Column	0.8		TUB50X50X2	TUB50X50X2		
482	Story3	C125	Column	0.8		TUB50X50X2	TUB50X50X2		
483	Story3	C126	Column	0.8		TUB50X50X2	TUB50X50X2		
43	Story3	C12	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		
54	Story3	C16	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		
56	Story3	C32	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		
58	Story3	C35	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		
1209	Story3	C36	Column	0.55		TUBC 152.4X4MM	TUBC 152.4X4MM		
63	Story3	C37	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		
1211	Story3	C38	Column	0.55		TUBC 152.4X4MM	TUBC 152.4X4MM		
66	Story3	C39	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
1213	Story3	C40	Column	0.55		TUBC 152.4X4MM	TUBC 152.4X4MM		
70	Story3	C41	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		
1215	Story3	C42	Column	0.55		TUBC 152.4X4MM	TUBC 152.4X4MM		
72	Story3	C43	Column	0.8		TUBC 152.4X4MM	TUBC 152.4X4MM		
3	Story3	C18	Column	4.69		TUBC 152.4X4MM	TUBC 152.4X4MM		
4	Story3	C34	Column	4.69		TUBC 152.4X4MM	TUBC 152.4X4MM		
5	Story3	C138	Column	4.69		TUBC 152.4X4MM	TUBC 152.4X4MM		
6	Story3	C139	Column	4.69		TUBC 152.4X4MM	TUBC 152.4X4MM		
131	Story3	D2	Brace	1.3569		TUB50X50X2	TUB50X50X2		
132	Story3	D3	Brace	1		TUB50X50X2	TUB50X50X2		
133	Story3	D4	Brace	1.3569		TUB50X50X2	TUB50X50X2		
134	Story3	D5	Brace	1.3569		TUB50X50X2	TUB50X50X2		
135	Story3	D6	Brace	1.3569		TUB50X50X2	TUB50X50X2		
136	Story3	D7	Brace	1.3569		TUB50X50X2	TUB50X50X2		
137	Story3	D8	Brace	1.3569		TUB50X50X2	TUB50X50X2		
138	Story3	D9	Brace	1.3569		TUB50X50X2	TUB50X50X2		
139	Story3	D10	Brace	1.3569		TUB50X50X2	TUB50X50X2		
140	Story3	D11	Brace	1.3569		TUB50X50X2	TUB50X50X2		
141	Story3	D12	Brace	1.3569		TUB50X50X2	TUB50X50X2		
142	Story3	D13	Brace	1.3569		TUB50X50X2	TUB50X50X2		
143	Story3	D14	Brace	1.3569		TUB50X50X2	TUB50X50X2		
144	Story3	D15	Brace	1		TUB50X50X2	TUB50X50X2		
217	Story3	D30	Brace	1.3569		TUB50X50X2	TUB50X50X2		
218	Story3	D31	Brace	1		TUB50X50X2	TUB50X50X2		
219	Story3	D32	Brace	1.3569		TUB50X50X2	TUB50X50X2		
220	Story3	D33	Brace	1.3569		TUB50X50X2	TUB50X50X2		
221	Story3	D34	Brace	1.3569		TUB50X50X2	TUB50X50X2		
222	Story3	D35	Brace	1.3569		TUB50X50X2	TUB50X50X2		
223	Story3	D36	Brace	1.3569		TUB50X50X2	TUB50X50X2		
224	Story3	D37	Brace	1.3569		TUB50X50X2	TUB50X50X2		
225	Story3	D38	Brace	1.3569		TUB50X50X2	TUB50X50X2		
226	Story3	D39	Brace	1.3569		TUB50X50X2	TUB50X50X2		
227	Story3	D40	Brace	1.3569		TUB50X50X2	TUB50X50X2		
228	Story3	D41	Brace	1.3569		TUB50X50X2	TUB50X50X2		
229	Story3	D42	Brace	1.3569		TUB50X50X2	TUB50X50X2		
230	Story3	D43	Brace	1		TUB50X50X2	TUB50X50X2		
258	Story3	D44	Brace	1.3569		TUB50X50X2	TUB50X50X2		
259	Story3	D45	Brace	1		TUB50X50X2	TUB50X50X2		
260	Story3	D46	Brace	1.3569		TUB50X50X2	TUB50X50X2		
261	Story3	D47	Brace	1.3569		TUB50X50X2	TUB50X50X2		
262	Story3	D48	Brace	1.3569		TUB50X50X2	TUB50X50X2		
263	Story3	D49	Brace	1.3569		TUB50X50X2	TUB50X50X2		
264	Story3	D50	Brace	1.3569		TUB50X50X2	TUB50X50X2		
265	Story3	D51	Brace	1.3569		TUB50X50X2	TUB50X50X2		
266	Story3	D52	Brace	1.3569		TUB50X50X2	TUB50X50X2		
267	Story3	D53	Brace	1.3569		TUB50X50X2	TUB50X50X2		
268	Story3	D54	Brace	1.3569		TUB50X50X2	TUB50X50X2		
269	Story3	D55	Brace	1.3569		TUB50X50X2	TUB50X50X2		
270	Story3	D56	Brace	1.3569		TUB50X50X2	TUB50X50X2		
271	Story3	D57	Brace	1		TUB50X50X2	TUB50X50X2		
299	Story3	D58	Brace	1.3569		TUB50X50X2	TUB50X50X2		
300	Story3	D59	Brace	1		TUB50X50X2	TUB50X50X2		
301	Story3	D60	Brace	1.3569		TUB50X50X2	TUB50X50X2		
302	Story3	D61	Brace	1.3569		TUB50X50X2	TUB50X50X2		
303	Story3	D62	Brace	1.3569		TUB50X50X2	TUB50X50X2		
304	Story3	D63	Brace	1.3569		TUB50X50X2	TUB50X50X2		
305	Story3	D64	Brace	1.3569		TUB50X50X2	TUB50X50X2		
306	Story3	D65	Brace	1.3569		TUB50X50X2	TUB50X50X2		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
307	Story3	D66	Brace	1.3569		TUB50X50X2	TUB50X50X2		
308	Story3	D67	Brace	1.3569		TUB50X50X2	TUB50X50X2		
309	Story3	D68	Brace	1.3569		TUB50X50X2	TUB50X50X2		
310	Story3	D69	Brace	1.3569		TUB50X50X2	TUB50X50X2		
311	Story3	D70	Brace	1.3569		TUB50X50X2	TUB50X50X2		
312	Story3	D71	Brace	1		TUB50X50X2	TUB50X50X2		
340	Story3	D72	Brace	1.3569		TUB50X50X2	TUB50X50X2		
341	Story3	D73	Brace	1		TUB50X50X2	TUB50X50X2		
342	Story3	D74	Brace	1.3569		TUB50X50X2	TUB50X50X2		
343	Story3	D75	Brace	1.3569		TUB50X50X2	TUB50X50X2		
344	Story3	D76	Brace	1.3569		TUB50X50X2	TUB50X50X2		
345	Story3	D77	Brace	1.3569		TUB50X50X2	TUB50X50X2		
346	Story3	D78	Brace	1.3569		TUB50X50X2	TUB50X50X2		
347	Story3	D79	Brace	1.3569		TUB50X50X2	TUB50X50X2		
348	Story3	D80	Brace	1.3569		TUB50X50X2	TUB50X50X2		
349	Story3	D81	Brace	1.3569		TUB50X50X2	TUB50X50X2		
350	Story3	D82	Brace	1.3569		TUB50X50X2	TUB50X50X2		
351	Story3	D83	Brace	1.3569		TUB50X50X2	TUB50X50X2		
352	Story3	D84	Brace	1.3569		TUB50X50X2	TUB50X50X2		
353	Story3	D85	Brace	1		TUB50X50X2	TUB50X50X2		
381	Story3	D86	Brace	1.3569		TUB50X50X2	TUB50X50X2		
382	Story3	D87	Brace	1		TUB50X50X2	TUB50X50X2		
383	Story3	D88	Brace	1.3569		TUB50X50X2	TUB50X50X2		
384	Story3	D89	Brace	1.3569		TUB50X50X2	TUB50X50X2		
385	Story3	D90	Brace	1.3569		TUB50X50X2	TUB50X50X2		
386	Story3	D91	Brace	1.3569		TUB50X50X2	TUB50X50X2		
387	Story3	D92	Brace	1.3569		TUB50X50X2	TUB50X50X2		
388	Story3	D93	Brace	1.3569		TUB50X50X2	TUB50X50X2		
389	Story3	D94	Brace	1.3569		TUB50X50X2	TUB50X50X2		
390	Story3	D95	Brace	1.3569		TUB50X50X2	TUB50X50X2		
391	Story3	D96	Brace	1.3569		TUB50X50X2	TUB50X50X2		
392	Story3	D97	Brace	1.3569		TUB50X50X2	TUB50X50X2		
393	Story3	D98	Brace	1.3569		TUB50X50X2	TUB50X50X2		
394	Story3	D99	Brace	1		TUB50X50X2	TUB50X50X2		
412	Story3	D100	Brace	1.0229		TUB50X50X2	TUB50X50X2		
414	Story3	D101	Brace	1.0229		TUB50X50X2	TUB50X50X2		
418	Story3	D102	Brace	0.8835		TUB50X50X2	TUB50X50X2		
419	Story3	D103	Brace	0.8944		TUB50X50X2	TUB50X50X2		
420	Story3	D104	Brace	1.1234		TUB50X50X2	TUB50X50X2		
421	Story3	D105	Brace	1.1234		TUB50X50X2	TUB50X50X2		
422	Story3	D106	Brace	1.1234		TUB50X50X2	TUB50X50X2		
423	Story3	D107	Brace	1.1234		TUB50X50X2	TUB50X50X2		
424	Story3	D108	Brace	0.8944		TUB50X50X2	TUB50X50X2		
434	Story3	D109	Brace	1.0229		TUB50X50X2	TUB50X50X2		
436	Story3	D110	Brace	1.0229		TUB50X50X2	TUB50X50X2		
440	Story3	D111	Brace	0.8835		TUB50X50X2	TUB50X50X2		
441	Story3	D112	Brace	0.8944		TUB50X50X2	TUB50X50X2		
442	Story3	D113	Brace	1.1234		TUB50X50X2	TUB50X50X2		
443	Story3	D114	Brace	1.1234		TUB50X50X2	TUB50X50X2		
444	Story3	D115	Brace	1.1234		TUB50X50X2	TUB50X50X2		
445	Story3	D116	Brace	1.1234		TUB50X50X2	TUB50X50X2		
446	Story3	D117	Brace	0.8944		TUB50X50X2	TUB50X50X2		
456	Story3	D118	Brace	1.0229		TUB50X50X2	TUB50X50X2		
458	Story3	D119	Brace	1.0229		TUB50X50X2	TUB50X50X2		
462	Story3	D120	Brace	0.8835		TUB50X50X2	TUB50X50X2		
463	Story3	D121	Brace	0.8944		TUB50X50X2	TUB50X50X2		
464	Story3	D122	Brace	1.1234		TUB50X50X2	TUB50X50X2		
465	Story3	D123	Brace	1.1234		TUB50X50X2	TUB50X50X2		

Assignments

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m
466	Story3	D124	Brace	1.1234		TUB50X50X2	TUB50X50X2		
467	Story3	D125	Brace	1.1234		TUB50X50X2	TUB50X50X2		
468	Story3	D126	Brace	0.8944		TUB50X50X2	TUB50X50X2		
478	Story3	D127	Brace	1.0229		TUB50X50X2	TUB50X50X2		
480	Story3	D128	Brace	1.0229		TUB50X50X2	TUB50X50X2		
484	Story3	D129	Brace	0.8835		TUB50X50X2	TUB50X50X2		
485	Story3	D130	Brace	0.8944		TUB50X50X2	TUB50X50X2		
486	Story3	D131	Brace	1.1234		TUB50X50X2	TUB50X50X2		
487	Story3	D132	Brace	1.1234		TUB50X50X2	TUB50X50X2		
488	Story3	D133	Brace	1.1234		TUB50X50X2	TUB50X50X2		
489	Story3	D134	Brace	1.1234		TUB50X50X2	TUB50X50X2		
490	Story3	D135	Brace	0.8944		TUB50X50X2	TUB50X50X2		
1207	Story2	B1	Beam	6.409		V50X50	V50X50		
1	Story2	C3	Column	4.14		C50X50	C50X50		
2	Story2	C13	Column	4.14		C50X50	C50X50		

Table 1.1 - Frame Assignments - Summary (Part 2 of 2)

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
18	11									
20	11									
21	11									
23	11									
26	11									
27	11									
29	11									
30	11									
31	11									
32	11									
33	11									
34	11									
36	11									
37	11									
38	11									
39	11									
44	11									
45	11									
47	11									
48	11									
49	11									
50	11									
51	11									
53	11									
69	11									
62	11									
96	11									
97	11									
98	11									
99	11									
100	11									
101	11									
102	11									
103	11									
104	11									
105	11									
106	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
107	11									
108	11									
109	11									
110	11									
111	11									
112	11									
113	11									
114	11									
115	11									
116	11									
117	11									
118	11									
119	11									
190	11									
193	11									
194	11									
195	11									
196	11									
197	11									
198	11									
199	11									
200	11									
201	11									
202	11									
203	11									
204	11									
205	11									
233	11									
234	11									
235	11									
236	11									
237	11									
238	11									
239	11									
240	11									
241	11									
242	11									
243	11									
244	11									
245	11									
246	11									
274	11									
275	11									
276	11									
277	11									
278	11									
279	11									
280	11									
281	11									
282	11									
283	11									
284	11									
285	11									
286	11									
287	11									
315	11									
316	11									
317	11									
318	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
319	11									
320	11									
321	11									
322	11									
323	11									
324	11									
325	11									
326	11									
327	11									
328	11									
356	11									
357	11									
358	11									
359	11									
360	11									
361	11									
362	11									
363	11									
364	11									
365	11									
366	11									
367	11									
368	11									
369	11									
396	11									
398	11									
399	11									
400	11									
401	11									
402	11									
403	11									
404	11									
405	11									
406	11									
407	11									
408	11									
409	11									
410	11									
411	11									
425	11									
426	11									
427	11									
428	11									
429	11									
430	11									
431	11									
432	11									
433	11									
447	11									
448	11									
449	11									
450	11									
451	11									
452	11									
453	11									
454	11									
455	11									
469	11									
470	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
471	11									
472	11									
473	11									
474	11									
475	11									
476	11									
477	11									
73	11									
74	11									
75	11									
76	11									
77	11									
78	11									
79	11									
80	11									
81	11									
82	11									
83	11									
84	11									
85	11									
86	11									
87	11									
88	11									
89	11									
90	11									
91	11									
92	11									
93	11									
94	11									
95	11									
145	11									
146	11									
147	11									
148	11									
149	11									
150	11									
151	11									
152	11									
153	11									
154	11									
155	11									
156	11									
157	11									
158	11									
159	11									
160	11									
161	11									
162	11									
163	11									
164	11									
165	11									
166	11									
167	11									
168	11									
169	11									
170	11									
171	11									
172	11									
173	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
174	11									
175	11									
176	11									
177	11									
178	11									
179	11									
180	11									
181	11									
182	11									
183	11									
184	11									
185	11									
186	11									
187	11									
395	11									
397	11									
491	11									
492	11									
493	11									
494	11									
495	11									
496	11									
497	11									
498	11									
499	11									
500	11									
501	11									
502	11									
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523	11									
524	11									
525	11									
526	11									
527	11									
528	11									
529	11									
530	11									
531	11									
532	11									
533	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
534	11									
535	11									
536	11									
537	11									
538	11									
539	11									
540	11									
541	11									
542	11									
543	11									
544	11									
547	11									
551	11									
554	11									
557	11									
560	11									
565	11									
566	11									
567	11									
568	11									
569	11									
570	11									
571	11									
572	11									
573	11									
574	11									
575	11									
576	11									
577	11									
578	11									
579	11									
580	11									
581	11									
582	11									
583	11									
584	11									
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598	11									
599	11									
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601	11									
602	11									
603	11									
604	11									
605	11									
606	11									
607	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
608	11									
609	11									
610	11									
611	11									
612	11									
613	11									
614	11									
615	11									
616	11									
617	11									
618	11									
619	11									
620	11									
621	11									
622	11									
623	11									
624	11									
625	11									
626	11									
60	11									
61	11									
65	11									
67	11									
120	11									
121	11									
122	11									
123	11									
124	11									
125	11									
126	11									
127	11									
128	11									
129	11									
130	11									
192	11									
189	11									
188	11									
191	11									
206	11									
207	11									
208	11									
209	11									
210	11									
211	11									
212	11									
213	11									
214	11									
215	11									
216	11									
231	11									
232	11									
247	11									
248	11									
249	11									
250	11									
251	11									
252	11									
253	11									
254	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
255	11									
256	11									
257	11									
272	11									
273	11									
288	11									
289	11									
290	11									
291	11									
292	11									
293	11									
294	11									
295	11									
296	11									
297	11									
298	11									
313	11									
314	11									
329	11									
330	11									
331	11									
332	11									
333	11									
334	11									
335	11									
336	11									
337	11									
338	11									
339	11									
354	11									
355	11									
370	11									
371	11									
372	11									
373	11									
374	11									
375	11									
376	11									
377	11									
378	11									
379	11									
380	11									
413	11									
415	11									
416	11									
417	11									
435	11									
437	11									
438	11									
439	11									
457	11									
459	11									
460	11									
461	11									
479	11									
481	11									
482	11									
483	11									
43	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
54	11									
56	11									
58	11									
1209	11									
63	11									
1211	11									
66	11									
1213	11									
70	11									
1215	11									
72	11									
3	11									
4	11									
5	11									
6	11									
131	11									
132	11									
133	11									
134	11									
135	11									
136	11									
137	11									
138	11									
139	11									
140	11									
141	11									
142	11									
143	11									
144	11									
217	11									
218	11									
219	11									
220	11									
221	11									
222	11									
223	11									
224	11									
225	11									
226	11									
227	11									
228	11									
229	11									
230	11									
258	11									
259	11									
260	11									
261	11									
262	11									
263	11									
264	11									
265	11									
266	11									
267	11									
268	11									
269	11									
270	11									
271	11									
299	11									
300	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
301	11									
302	11									
303	11									
304	11									
305	11									
306	11									
307	11									
308	11									
309	11									
310	11									
311	11									
312	11									
340	11									
341	11									
342	11									
343	11									
344	11									
345	11									
346	11									
347	11									
348	11									
349	11									
350	11									
351	11									
352	11									
353	11									
381	11									
382	11									
383	11									
384	11									
385	11									
386	11									
387	11									
388	11									
389	11									
390	11									
391	11									
392	11									
393	11									
394	11									
412	11									
414	11									
418	11									
419	11									
420	11									
421	11									
422	11									
423	11									
424	11									
434	11									
436	11									
440	11									
441	11									
442	11									
443	11									
444	11									
445	11									
446	11									
456	11									

Assignments

UniqueName	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
458	11									
462	11									
463	11									
464	11									
465	11									
466	11									
467	11									
468	11									
478	11									
480	11									
484	11									
485	11									
486	11									
487	11									
488	11									
489	11									
490	11									
1207	11									
1	11									
2	11									

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

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

2.2 Auto Seismic Loading

User Coefficient Auto Seismic Load Calculation

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

Direction and Eccentricity

Direction = X + Eccentricity Y

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.5

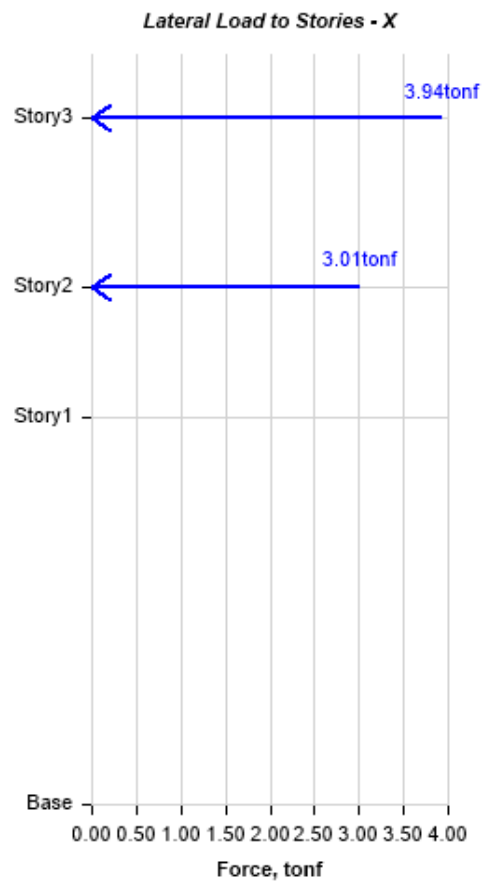
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	13894.77	6.95

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.49	3.94	0
Story2	4.14	3.01	0
Story1	3.1	0	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

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

Direction and Eccentricity

Direction = Y + Eccentricity X

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.5

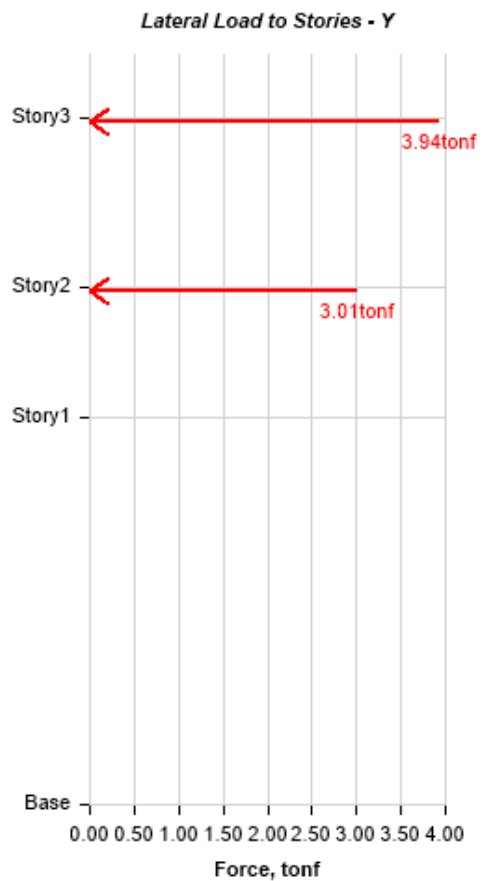
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	13894.77	6.95

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.49	0	3.94
Story2	4.14	0	3.01
Story1	3.1	0	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

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

Direction and Eccentricity

Direction = X + Eccentricity Y

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.12

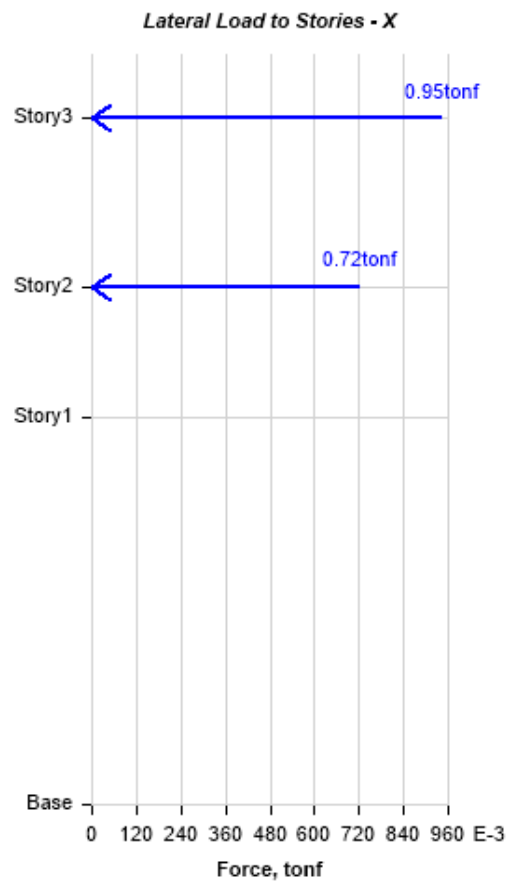
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	13894.77	1.67

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.49	0.95	0
Story2	4.14	0.72	0
Story1	3.1	0	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

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

Direction and Eccentricity

Direction = Y + Eccentricity X

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.12

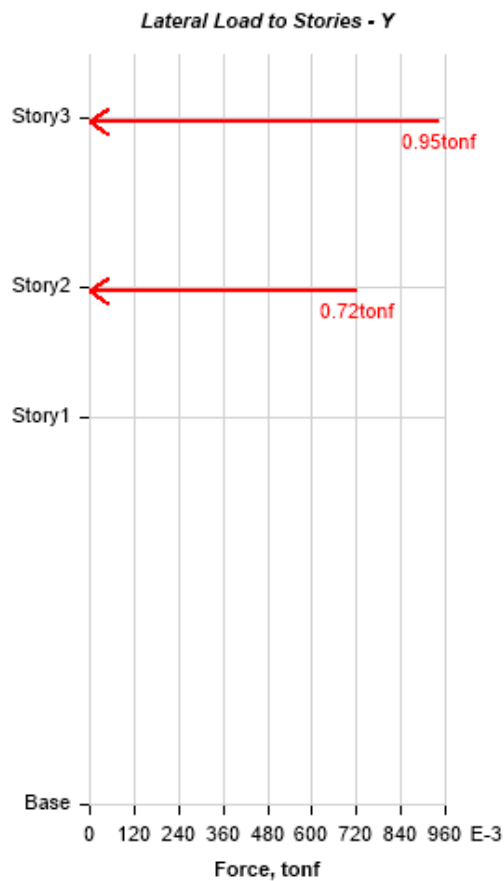
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	13894.77	1.67

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.49	0	0.95
Story2	4.14	0	0.72
Story1	3.1	0	0
Base	0	0	0

Loads

2.3 Applied Loads

2.3.1 Line Loads

Table 2.6 - 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
595	L	Story3	B347	Force	Gravity	Relative	0	1	0
596	L	Story3	B348	Force	Gravity	Relative	0	1	0
597	L	Story3	B349	Force	Gravity	Relative	0	1	0
598	L	Story3	B350	Force	Gravity	Relative	0	1	0
599	L	Story3	B351	Force	Gravity	Relative	0	1	0
600	L	Story3	B352	Force	Gravity	Relative	0	1	0
601	L	Story3	B353	Force	Gravity	Relative	0	1	0
602	L	Story3	B354	Force	Gravity	Relative	0	1	0
603	L	Story3	B355	Force	Gravity	Relative	0	1	0
604	L	Story3	B356	Force	Gravity	Relative	0	1	0
605	L	Story3	B357	Force	Gravity	Relative	0	1	0
606	L	Story3	B358	Force	Gravity	Relative	0	1	0
607	L	Story3	B359	Force	Gravity	Relative	0	1	0
608	L	Story3	B360	Force	Gravity	Relative	0	1	0
609	L	Story3	B361	Force	Gravity	Relative	0	1	0
610	L	Story3	B362	Force	Gravity	Relative	0	1	0
611	L	Story3	B363	Force	Gravity	Relative	0	1	0
612	L	Story3	B364	Force	Gravity	Relative	0	1	0
613	L	Story3	B365	Force	Gravity	Relative	0	1	0
614	L	Story3	B366	Force	Gravity	Relative	0	1	0
615	L	Story3	B367	Force	Gravity	Relative	0	1	0
616	L	Story3	B368	Force	Gravity	Relative	0	1	0
617	L	Story3	B369	Force	Gravity	Relative	0	1	0
618	L	Story3	B370	Force	Gravity	Relative	0	1	0
619	L	Story3	B371	Force	Gravity	Relative	0	1	0
620	L	Story3	B372	Force	Gravity	Relative	0	1	0
621	L	Story3	B373	Force	Gravity	Relative	0	1	0
622	L	Story3	B374	Force	Gravity	Relative	0	1	0
623	L	Story3	B375	Force	Gravity	Relative	0	1	0
624	L	Story3	B376	Force	Gravity	Relative	0	1	0
625	L	Story3	B377	Force	Gravity	Relative	0	1	0
626	L	Story3	B378	Force	Gravity	Relative	0	1	0
595	DS	Story3	B347	Force	Gravity	Relative	0	1	0
596	DS	Story3	B348	Force	Gravity	Relative	0	1	0
597	DS	Story3	B349	Force	Gravity	Relative	0	1	0
598	DS	Story3	B350	Force	Gravity	Relative	0	1	0
599	DS	Story3	B351	Force	Gravity	Relative	0	1	0
600	DS	Story3	B352	Force	Gravity	Relative	0	1	0
601	DS	Story3	B353	Force	Gravity	Relative	0	1	0
602	DS	Story3	B354	Force	Gravity	Relative	0	1	0
603	DS	Story3	B355	Force	Gravity	Relative	0	1	0
604	DS	Story3	B356	Force	Gravity	Relative	0	1	0
605	DS	Story3	B357	Force	Gravity	Relative	0	1	0
606	DS	Story3	B358	Force	Gravity	Relative	0	1	0
607	DS	Story3	B359	Force	Gravity	Relative	0	1	0
608	DS	Story3	B360	Force	Gravity	Relative	0	1	0
609	DS	Story3	B361	Force	Gravity	Relative	0	1	0
610	DS	Story3	B362	Force	Gravity	Relative	0	1	0
611	DS	Story3	B363	Force	Gravity	Relative	0	1	0
612	DS	Story3	B364	Force	Gravity	Relative	0	1	0
613	DS	Story3	B365	Force	Gravity	Relative	0	1	0
614	DS	Story3	B366	Force	Gravity	Relative	0	1	0
615	DS	Story3	B367	Force	Gravity	Relative	0	1	0

Loads

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
616	DS	Story3	B368	Force	Gravity	Relative	0	1	0
617	DS	Story3	B369	Force	Gravity	Relative	0	1	0
618	DS	Story3	B370	Force	Gravity	Relative	0	1	0
619	DS	Story3	B371	Force	Gravity	Relative	0	1	0
620	DS	Story3	B372	Force	Gravity	Relative	0	1	0
621	DS	Story3	B373	Force	Gravity	Relative	0	1	0
622	DS	Story3	B374	Force	Gravity	Relative	0	1	0
623	DS	Story3	B375	Force	Gravity	Relative	0	1	0
624	DS	Story3	B376	Force	Gravity	Relative	0	1	0
625	DS	Story3	B377	Force	Gravity	Relative	0	1	0
626	DS	Story3	B378	Force	Gravity	Relative	0	1	0
595	W1	Story3	B347	Force	Gravity	Relative	0	1	0
596	W1	Story3	B348	Force	Gravity	Relative	0	1	0
597	W1	Story3	B349	Force	Gravity	Relative	0	1	0
598	W1	Story3	B350	Force	Gravity	Relative	0	1	0
599	W1	Story3	B351	Force	Gravity	Relative	0	1	0
600	W1	Story3	B352	Force	Gravity	Relative	0	1	0
601	W1	Story3	B353	Force	Gravity	Relative	0	1	0
602	W1	Story3	B354	Force	Gravity	Relative	0	1	0
603	W1	Story3	B355	Force	Gravity	Relative	0	1	0
604	W1	Story3	B356	Force	Gravity	Relative	0	1	0
605	W1	Story3	B357	Force	Gravity	Relative	0	1	0
606	W1	Story3	B358	Force	Gravity	Relative	0	1	0
607	W1	Story3	B359	Force	Gravity	Relative	0	1	0
608	W1	Story3	B360	Force	Gravity	Relative	0	1	0
609	W1	Story3	B361	Force	Gravity	Relative	0	1	0
610	W1	Story3	B362	Force	Gravity	Relative	0	1	0
611	W1	Story3	B363	Force	Gravity	Relative	0	1	0
612	W1	Story3	B364	Force	Gravity	Relative	0	1	0
613	W1	Story3	B365	Force	Gravity	Relative	0	1	0
614	W1	Story3	B366	Force	Gravity	Relative	0	1	0
615	W1	Story3	B367	Force	Gravity	Relative	0	1	0
616	W1	Story3	B368	Force	Gravity	Relative	0	1	0
617	W1	Story3	B369	Force	Gravity	Relative	0	1	0
618	W1	Story3	B370	Force	Gravity	Relative	0	1	0
619	W1	Story3	B371	Force	Gravity	Relative	0	1	0
620	W1	Story3	B372	Force	Gravity	Relative	0	1	0
621	W1	Story3	B373	Force	Gravity	Relative	0	1	0
622	W1	Story3	B374	Force	Gravity	Relative	0	1	0
623	W1	Story3	B375	Force	Gravity	Relative	0	1	0
624	W1	Story3	B376	Force	Gravity	Relative	0	1	0
625	W1	Story3	B377	Force	Gravity	Relative	0	1	0
626	W1	Story3	B378	Force	Gravity	Relative	0	1	0
60	W1	Story3	C14	Force	Global-Y	Relative	0	1	0
61	W1	Story3	C15	Force	Global-Y	Relative	0	1	0
65	W1	Story3	C17	Force	Global-Y	Relative	0	1	0
67	W1	Story3	C19	Force	Global-Y	Relative	0	1	0
120	W1	Story3	C20	Force	Global-Y	Relative	0	1	0
121	W1	Story3	C21	Force	Global-Y	Relative	0	1	0
122	W1	Story3	C22	Force	Global-Y	Relative	0	1	0
123	W1	Story3	C23	Force	Global-Y	Relative	0	1	0
124	W1	Story3	C24	Force	Global-Y	Relative	0	1	0
125	W1	Story3	C25	Force	Global-Y	Relative	0	1	0
126	W1	Story3	C26	Force	Global-Y	Relative	0	1	0
127	W1	Story3	C27	Force	Global-Y	Relative	0	1	0
128	W1	Story3	C28	Force	Global-Y	Relative	0	1	0
129	W1	Story3	C29	Force	Global-Y	Relative	0	1	0
130	W1	Story3	C30	Force	Global-Y	Relative	0	1	0

Loads

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
192	W1	Story3	C31	Force	Global-Y	Relative	0	1	0
189	W1	Story3	C33	Force	Global-Y	Relative	0	1	0
188	W1	Story3	C46	Force	Global-Y	Relative	0	1	0
191	W1	Story3	C47	Force	Global-Y	Relative	0	1	0
206	W1	Story3	C48	Force	Global-Y	Relative	0	1	0
207	W1	Story3	C49	Force	Global-Y	Relative	0	1	0
208	W1	Story3	C50	Force	Global-Y	Relative	0	1	0
209	W1	Story3	C51	Force	Global-Y	Relative	0	1	0
210	W1	Story3	C52	Force	Global-Y	Relative	0	1	0
211	W1	Story3	C53	Force	Global-Y	Relative	0	1	0
212	W1	Story3	C54	Force	Global-Y	Relative	0	1	0
213	W1	Story3	C55	Force	Global-Y	Relative	0	1	0
214	W1	Story3	C56	Force	Global-Y	Relative	0	1	0
215	W1	Story3	C57	Force	Global-Y	Relative	0	1	0
216	W1	Story3	C58	Force	Global-Y	Relative	0	1	0
595	W2	Story3	B347	Force	Gravity	Relative	0	1	0
596	W2	Story3	B348	Force	Gravity	Relative	0	1	0
597	W2	Story3	B349	Force	Gravity	Relative	0	1	0
598	W2	Story3	B350	Force	Gravity	Relative	0	1	0
599	W2	Story3	B351	Force	Gravity	Relative	0	1	0
600	W2	Story3	B352	Force	Gravity	Relative	0	1	0
601	W2	Story3	B353	Force	Gravity	Relative	0	1	0
602	W2	Story3	B354	Force	Gravity	Relative	0	1	0
603	W2	Story3	B355	Force	Gravity	Relative	0	1	0
604	W2	Story3	B356	Force	Gravity	Relative	0	1	0
605	W2	Story3	B357	Force	Gravity	Relative	0	1	0
606	W2	Story3	B358	Force	Gravity	Relative	0	1	0
607	W2	Story3	B359	Force	Gravity	Relative	0	1	0
608	W2	Story3	B360	Force	Gravity	Relative	0	1	0
609	W2	Story3	B361	Force	Gravity	Relative	0	1	0
610	W2	Story3	B362	Force	Gravity	Relative	0	1	0
611	W2	Story3	B363	Force	Gravity	Relative	0	1	0
612	W2	Story3	B364	Force	Gravity	Relative	0	1	0
613	W2	Story3	B365	Force	Gravity	Relative	0	1	0
614	W2	Story3	B366	Force	Gravity	Relative	0	1	0
615	W2	Story3	B367	Force	Gravity	Relative	0	1	0
616	W2	Story3	B368	Force	Gravity	Relative	0	1	0
617	W2	Story3	B369	Force	Gravity	Relative	0	1	0
618	W2	Story3	B370	Force	Gravity	Relative	0	1	0
619	W2	Story3	B371	Force	Gravity	Relative	0	1	0
620	W2	Story3	B372	Force	Gravity	Relative	0	1	0
621	W2	Story3	B373	Force	Gravity	Relative	0	1	0
622	W2	Story3	B374	Force	Gravity	Relative	0	1	0
623	W2	Story3	B375	Force	Gravity	Relative	0	1	0
624	W2	Story3	B376	Force	Gravity	Relative	0	1	0
625	W2	Story3	B377	Force	Gravity	Relative	0	1	0
626	W2	Story3	B378	Force	Gravity	Relative	0	1	0
60	W2	Story3	C14	Force	Global-Y	Relative	0	1	0
61	W2	Story3	C15	Force	Global-Y	Relative	0	1	0
65	W2	Story3	C17	Force	Global-Y	Relative	0	1	0
67	W2	Story3	C19	Force	Global-Y	Relative	0	1	0
120	W2	Story3	C20	Force	Global-Y	Relative	0	1	0
121	W2	Story3	C21	Force	Global-Y	Relative	0	1	0
122	W2	Story3	C22	Force	Global-Y	Relative	0	1	0
123	W2	Story3	C23	Force	Global-Y	Relative	0	1	0
124	W2	Story3	C24	Force	Global-Y	Relative	0	1	0
125	W2	Story3	C25	Force	Global-Y	Relative	0	1	0
126	W2	Story3	C26	Force	Global-Y	Relative	0	1	0

Loads

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
127	W2	Story3	C27	Force	Global-Y	Relative	0	1	0
128	W2	Story3	C28	Force	Global-Y	Relative	0	1	0
129	W2	Story3	C29	Force	Global-Y	Relative	0	1	0
130	W2	Story3	C30	Force	Global-Y	Relative	0	1	0
192	W2	Story3	C31	Force	Global-Y	Relative	0	1	0
189	W2	Story3	C33	Force	Global-Y	Relative	0	1	0
188	W2	Story3	C46	Force	Global-Y	Relative	0	1	0
191	W2	Story3	C47	Force	Global-Y	Relative	0	1	0
206	W2	Story3	C48	Force	Global-Y	Relative	0	1	0
207	W2	Story3	C49	Force	Global-Y	Relative	0	1	0
208	W2	Story3	C50	Force	Global-Y	Relative	0	1	0
209	W2	Story3	C51	Force	Global-Y	Relative	0	1	0
210	W2	Story3	C52	Force	Global-Y	Relative	0	1	0
211	W2	Story3	C53	Force	Global-Y	Relative	0	1	0
212	W2	Story3	C54	Force	Global-Y	Relative	0	1	0
213	W2	Story3	C55	Force	Global-Y	Relative	0	1	0
214	W2	Story3	C56	Force	Global-Y	Relative	0	1	0
215	W2	Story3	C57	Force	Global-Y	Relative	0	1	0
216	W2	Story3	C58	Force	Global-Y	Relative	0	1	0

Table 2.6 - Frame Loads Assignments - Distributed (Part 2 of 2)

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
595	L	0.6	39	39		
596	L	2.192	39	39		
597	L	2.192	39	39		
598	L	2.192	39	39		
599	L	2.192	39	39		
600	L	2.192	39	39		
601	L	2.192	39	39		
602	L	0.6	39	39		
603	L	0.6	39	39		
604	L	2.192	39	39		
605	L	2.192	39	39		
606	L	2.192	39	39		
607	L	2.192	39	39		
608	L	2.192	39	39		
609	L	2.192	39	39		
610	L	0.6	39	39		
611	L	0.6	39	39		
612	L	2.192	39	39		
613	L	2.192	39	39		
614	L	2.192	39	39		
615	L	2.192	39	39		
616	L	2.192	39	39		
617	L	2.192	39	39		
618	L	0.6	39	39		
619	L	0.6	39	39		
620	L	2.192	39	39		
621	L	2.192	39	39		
622	L	2.192	39	39		
623	L	2.192	39	39		
624	L	2.192	39	39		
625	L	2.192	39	39		
626	L	0.6	39	39		

Loads

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
595	DS	0.6	63	63		
596	DS	2.192	63	63		
597	DS	2.192	63	63		
598	DS	2.192	63	63		
599	DS	2.192	63	63		
600	DS	2.192	63	63		
601	DS	2.192	63	63		
602	DS	0.6	63	63		
603	DS	0.6	63	63		
604	DS	2.192	63	63		
605	DS	2.192	63	63		
606	DS	2.192	63	63		
607	DS	2.192	63	63		
608	DS	2.192	63	63		
609	DS	2.192	63	63		
610	DS	0.6	63	63		
611	DS	0.6	63	63		
612	DS	2.192	63	63		
613	DS	2.192	63	63		
614	DS	2.192	63	63		
615	DS	2.192	63	63		
616	DS	2.192	63	63		
617	DS	2.192	63	63		
618	DS	0.6	63	63		
619	DS	0.6	63	63		
620	DS	2.192	63	63		
621	DS	2.192	63	63		
622	DS	2.192	63	63		
623	DS	2.192	63	63		
624	DS	2.192	63	63		
625	DS	2.192	63	63		
626	DS	0.6	63	63		
595	W1	0.6	39	39		
596	W1	2.192	39	39		
597	W1	2.192	39	39		
598	W1	2.192	39	39		
599	W1	2.192	39	39		
600	W1	2.192	39	39		
601	W1	2.192	39	39		
602	W1	0.6	39	39		
603	W1	0.6	39	39		
604	W1	2.192	39	39		
605	W1	2.192	39	39		
606	W1	2.192	39	39		
607	W1	2.192	39	39		
608	W1	2.192	39	39		
609	W1	2.192	39	39		
610	W1	0.6	39	39		
611	W1	0.6	39	39		
612	W1	2.192	39	39		
613	W1	2.192	39	39		
614	W1	2.192	39	39		
615	W1	2.192	39	39		
616	W1	2.192	39	39		
617	W1	2.192	39	39		
618	W1	0.6	39	39		
619	W1	0.6	39	39		
620	W1	2.192	39	39		

Loads

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
621	W1	2.192	39	39		
622	W1	2.192	39	39		
623	W1	2.192	39	39		
624	W1	2.192	39	39		
625	W1	2.192	39	39		
626	W1	0.6	39	39		
60	W1	0.8	150.26	150.26		
61	W1	0.8	150.26	150.26		
65	W1	0.8	150.26	150.26		
67	W1	0.8	150.26	150.26		
120	W1	0.8	150.26	150.26		
121	W1	0.8	150.26	150.26		
122	W1	0.8	150.26	150.26		
123	W1	0.8	150.26	150.26		
124	W1	0.8	150.26	150.26		
125	W1	0.8	150.26	150.26		
126	W1	0.8	150.26	150.26		
127	W1	0.8	150.26	150.26		
128	W1	0.8	150.26	150.26		
129	W1	0.8	150.26	150.26		
130	W1	0.8	150.26	150.26		
192	W1	0.8	150.26	150.26		
189	W1	0.8	150.26	150.26		
188	W1	0.8	150.26	150.26		
191	W1	0.8	150.26	150.26		
206	W1	0.8	150.26	150.26		
207	W1	0.8	150.26	150.26		
208	W1	0.8	150.26	150.26		
209	W1	0.8	150.26	150.26		
210	W1	0.8	150.26	150.26		
211	W1	0.8	150.26	150.26		
212	W1	0.8	150.26	150.26		
213	W1	0.8	150.26	150.26		
214	W1	0.8	150.26	150.26		
215	W1	0.8	150.26	150.26		
216	W1	0.8	150.26	150.26		
595	W2	0.6	-44	-44		
596	W2	2.192	-44	-44		
597	W2	2.192	-44	-44		
598	W2	2.192	-44	-44		
599	W2	2.192	-44	-44		
600	W2	2.192	-44	-44		
601	W2	2.192	-44	-44		
602	W2	0.6	-44	-44		
603	W2	0.6	-44	-44		
604	W2	2.192	-44	-44		
605	W2	2.192	-44	-44		
606	W2	2.192	-44	-44		
607	W2	2.192	-44	-44		
608	W2	2.192	-44	-44		
609	W2	2.192	-44	-44		
610	W2	0.6	-44	-44		
611	W2	0.6	-44	-44		
612	W2	2.192	-44	-44		
613	W2	2.192	-44	-44		
614	W2	2.192	-44	-44		
615	W2	2.192	-44	-44		
616	W2	2.192	-44	-44		

Loads

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
617	W2	2.192	-44	-44		
618	W2	0.6	-44	-44		
619	W2	0.6	-44	-44		
620	W2	2.192	-44	-44		
621	W2	2.192	-44	-44		
622	W2	2.192	-44	-44		
623	W2	2.192	-44	-44		
624	W2	2.192	-44	-44		
625	W2	2.192	-44	-44		
626	W2	0.6	-44	-44		
60	W2	0.8	-114.33	-114.33		
61	W2	0.8	-114.33	-114.33		
65	W2	0.8	-114.33	-114.33		
67	W2	0.8	-114.33	-114.33		
120	W2	0.8	-114.33	-114.33		
121	W2	0.8	-114.33	-114.33		
122	W2	0.8	-114.33	-114.33		
123	W2	0.8	-114.33	-114.33		
124	W2	0.8	-114.33	-114.33		
125	W2	0.8	-114.33	-114.33		
126	W2	0.8	-114.33	-114.33		
127	W2	0.8	-114.33	-114.33		
128	W2	0.8	-114.33	-114.33		
129	W2	0.8	-114.33	-114.33		
130	W2	0.8	-114.33	-114.33		
192	W2	0.8	-114.33	-114.33		
189	W2	0.8	-114.33	-114.33		
188	W2	0.8	-114.33	-114.33		
191	W2	0.8	-114.33	-114.33		
206	W2	0.8	-114.33	-114.33		
207	W2	0.8	-114.33	-114.33		
208	W2	0.8	-114.33	-114.33		
209	W2	0.8	-114.33	-114.33		
210	W2	0.8	-114.33	-114.33		
211	W2	0.8	-114.33	-114.33		
212	W2	0.8	-114.33	-114.33		
213	W2	0.8	-114.33	-114.33		
214	W2	0.8	-114.33	-114.33		
215	W2	0.8	-114.33	-114.33		
216	W2	0.8	-114.33	-114.33		

2.4 Functions

2.4.1 Response Spectrum Functions

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

Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
ASTREA	0	0.5	0.1	0.1	0.08	0.04	3	1.6	2.4	0.05
ASTREA	0.1	0.5								
ASTREA	0.2	0.5								
ASTREA	0.3	0.5								
ASTREA	0.4	0.5								
ASTREA	0.5	0.5								
ASTREA	0.6	0.5								
ASTREA	0.7	0.5								
ASTREA	0.8	0.45								

Loads

Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
ASTREA	0.9	0.4								
ASTREA	1	0.36								
ASTREA	1.2	0.3								
ASTREA	1.5	0.24								
ASTREA	1.7	0.211765								
ASTREA	2	0.18								
ASTREA	2.5	0.144								
ASTREA	3	0.12								
ASTREA	3.5	0.102857								
ASTREA	4	0.09								
ASTREA	5	0.072								
ASTREA	8	0.0324								
ASTREA	11	0.017137								
ASTREA	15	0.009216								

Table 2.8 - Functions - Response Spectrum - User Defined

Name	Period sec	Value	Damping Ratio
UMBRAL DE DAÑO	0	0.04	0.05
UMBRAL DE DAÑO	0.25	0.12	
UMBRAL DE DAÑO	1.5	0.12	
UMBRAL DE DAÑO	2.1	0.086	
UMBRAL DE DAÑO	2.5	0.072	
UMBRAL DE DAÑO	3	0.06	
UMBRAL DE DAÑO	3.5	0.051	
UMBRAL DE DAÑO	4	0.045	
UMBRAL DE DAÑO	4.5	0.04	
UMBRAL DE DAÑO	5	0.036	
UMBRAL DE DAÑO	5.5	0.033	
UMBRAL DE DAÑO	6	0.03	
UMBRAL DE DAÑO	6.5	0.028	
UMBRAL DE DAÑO	7.2	0.025	

2.4.2 Time History Functions

Table 2.9 - Functions - Time History - User Defined

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

2.5 Load Cases

Table 2.10 - Load Case Definitions - Summary

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

Loads

Name	Type	Notes
W2	Linear Static	
SX-UMBRAL	Response Spectrum	
SY-UMBRAL	Response Spectrum	
SX-UMBRAL-EST	Linear Static	
SY-UMBRAL-EST	Linear Static	

2.6 Load Combinations

Table 2.11 - Load Combination Definitions (Part 1 of 2)

Name	Type	Is Auto	Load Name	Mode	SF
CIM 0,6D	Linear Add	No	Dead		0.6
CIM 0,6D			DS		0.6
CIM 0,6D+0.7SX	Linear Add	No	Dead		0.6
CIM 0,6D+0.7SX			SX		0.7
CIM 0,6D+0.7SX			DS		0.6
CIM 0,6D+0.7SY	Linear Add	No	Dead		0.6
CIM 0,6D+0.7SY			SY		0.7
CIM 0,6D+0.7SY			DS		0.6
CIM 1.0D	Linear Add	No	Dead		1
CIM 1.0D			DS		1
CIM 1.0D+0.7SX	Linear Add	No	Dead		1
CIM 1.0D+0.7SX			SX		0.7
CIM 1.0D+0.7SX			DS		1
CIM 1.0D+0.7SY	Linear Add	No	Dead		1
CIM 1.0D+0.7SY			SY		0.7
CIM 1.0D+0.7SY			DS		1
CIM 1.0D+0.75L+0.5SX	Linear Add	No	Dead		1
CIM 1.0D+0.75L+0.5SX			Live		0.75
CIM 1.0D+0.75L+0.5SX			SX		0.5
CIM 1.0D+0.75L+0.5SX			DS		1
CIM 1.0D+0.75L+0.5SY	Linear Add	No	Dead		1
CIM 1.0D+0.75L+0.5SY			Live		0.75
CIM 1.0D+0.75L+0.5SY			SY		0.5
CIM 1.0D+0.75L+0.5SY			DS		1
CIM 1.0D+1.0L	Linear Add	No	Dead		1
CIM 1.0D+1.0L			Live		1
CIM 1.0D+1.0L			DS		1
DES 0.6D+1.0SX	Linear Add	No	Dead		0.6
DES 0.6D+1.0SX			SX		1
DES 0.6D+1.0SX			DS		0.6
DES 0.6D+1.0SY	Linear Add	No	Dead		0.6
DES 0.6D+1.0SY			SY		1
DES 0.6D+1.0SY			DS		0.6
DES 1.0D+0.75L+0.75SX	Linear Add	No	Dead		1
DES 1.0D+0.75L+0.75SX			Live		0.75
DES 1.0D+0.75L+0.75SX			SX		0.75
DES 1.0D+0.75L+0.75SX			DS		1
DES 1.0D+0.75L+0.75SY	Linear Add	No	Dead		1
DES 1.0D+0.75L+0.75SY			Live		0.75
DES 1.0D+0.75L+0.75SY			SY		0.75
DES 1.0D+0.75L+0.75SY			DS		1
DES 1.0D+1.0SX	Linear Add	No	Dead		1
DES 1.0D+1.0SX			SX		1
DES 1.0D+1.0SX			DS		1
DES 1.0D+1.0SY	Linear Add	No	Dead		1
DES 1.0D+1.0SY			SY		1
DES 1.0D+1.0SY			DS		1
DStID1	Linear Add	Yes	Dead		1
DStID1			DS		1
DStID2	Linear Add	Yes	Dead		1

Loads

Name	Type	Is Auto	Load Name	Mode	SF
DStlD2			Live		1
DStlD2			DS		1
DStlS1	Linear Add	Yes	Dead		1.4
DStlS1			DS		1.4
DStlS2	Linear Add	Yes	Dead		1.2
DStlS2			Live		1.6
DStlS2			DS		1.2
DStlS3	Linear Add	Yes	Dead		1.2
DStlS3			Live		1
DStlS3			DS		1.2
DStlS3			W1		1
DStlS4	Linear Add	Yes	Dead		1.2
DStlS4			Live		1
DStlS4			DS		1.2
DStlS4			W1		-1
DStlS5	Linear Add	Yes	Dead		1.2
DStlS5			Live		1
DStlS5			DS		1.2
DStlS5			W2		1
DStlS6	Linear Add	Yes	Dead		1.2
DStlS6			Live		1
DStlS6			DS		1.2
DStlS6			W2		-1
DStlS7	Linear Add	Yes	Dead		0.9
DStlS7			DS		0.9
DStlS7			W1		1
DStlS8	Linear Add	Yes	Dead		0.9
DStlS8			DS		0.9
DStlS8			W1		-1
DStlS9	Linear Add	Yes	Dead		0.9
DStlS9			DS		0.9
DStlS9			W2		1
DStlS10	Linear Add	Yes	Dead		0.9
DStlS10			DS		0.9
DStlS10			W2		-1
DStlS11	Linear Add	Yes	Dead		1.3
DStlS11			Live		1
DStlS11			DS		1.3
DStlS11			SXEST		1
DStlS12	Linear Add	Yes	Dead		1.3
DStlS12			Live		1
DStlS12			DS		1.3
DStlS12			SXEST		-1
DStlS13	Linear Add	Yes	Dead		1.3
DStlS13			Live		1
DStlS13			DS		1.3
DStlS13			SYEST		1
DStlS14	Linear Add	Yes	Dead		1.3
DStlS14			Live		1
DStlS14			DS		1.3
DStlS14			SYEST		-1
DStlS15	Linear Add	Yes	Dead		1.3
DStlS15			Live		1
DStlS15			DS		1.3
DStlS15			SX-UMBRAL-EST		1
DStlS16	Linear Add	Yes	Dead		1.3
DStlS16			Live		1
DStlS16			DS		1.3
DStlS16			SX-UMBRAL-EST		-1
DStlS17	Linear Add	Yes	Dead		1.3
DStlS17			Live		1

Loads

Name	Type	Is Auto	Load Name	Mode	SF
DStlS17			DS		1.3
DStlS17			SY-UMBRAL-EST		1
DStlS18	Linear Add	Yes	Dead		1.3
DStlS18			Live		1
DStlS18			DS		1.3
DStlS18			SY-UMBRAL-EST		-1
DStlS19	Linear Add	Yes	Dead		0.8
DStlS19			DS		0.8
DStlS19			SXEST		1
DStlS20	Linear Add	Yes	Dead		0.8
DStlS20			DS		0.8
DStlS20			SXEST		-1
DStlS21	Linear Add	Yes	Dead		0.8
DStlS21			DS		0.8
DStlS21			SYEST		1
DStlS22	Linear Add	Yes	Dead		0.8
DStlS22			DS		0.8
DStlS22			SYEST		-1
DStlS23	Linear Add	Yes	Dead		0.8
DStlS23			DS		0.8
DStlS23			SX-UMBRAL-EST		1
DStlS24	Linear Add	Yes	Dead		0.8
DStlS24			DS		0.8
DStlS24			SX-UMBRAL-EST		-1
DStlS25	Linear Add	Yes	Dead		0.8
DStlS25			DS		0.8
DStlS25			SY-UMBRAL-EST		1
DStlS26	Linear Add	Yes	Dead		0.8
DStlS26			DS		0.8
DStlS26			SY-UMBRAL-EST		-1
DStlS27	Linear Add	Yes	Dead		1.3
DStlS27			Live		1
DStlS27			DS		1.3
DStlS27			SX		1
DStlS28	Linear Add	Yes	Dead		1.3
DStlS28			Live		1
DStlS28			DS		1.3
DStlS28			SY		1
DStlS29	Linear Add	Yes	Dead		1.3
DStlS29			Live		1
DStlS29			DS		1.3
DStlS29			SX-UMBRAL		1
DStlS30	Linear Add	Yes	Dead		1.3
DStlS30			Live		1
DStlS30			DS		1.3
DStlS30			SY-UMBRAL		1
DStlS31	Linear Add	Yes	Dead		0.8
DStlS31			DS		0.8
DStlS31			SX		1
DStlS32	Linear Add	Yes	Dead		0.8
DStlS32			DS		0.8
DStlS32			SY		1
DStlS33	Linear Add	Yes	Dead		0.8
DStlS33			DS		0.8
DStlS33			SX-UMBRAL		1
DStlS34	Linear Add	Yes	Dead		0.8
DStlS34			DS		0.8
DStlS34			SY-UMBRAL		1
ELS 0.6D+0.7SX	Linear Add	No	Dead		0.6
ELS 0.6D+0.7SX			SX		0.7
ELS 0.6D+0.7SX			DS		0.6

Loads

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

Loads

Name	Type	Is Auto	Load Name	Mode	SF
ELS 1.0D+1.0H+0.75L+0.525SY			Live		0.75
ELS 1.0D+1.0H+0.75L+0.525SY			SY		0.525
ELS 1.0D+1.0H+1.0L	Linear Add	No	Dead		1
ELS 1.0D+1.0H+1.0L			DS		1
ELS 1.0D+1.0H+1.0L			Live		1
ELS 1.0D+1.0L	Linear Add	No	Dead		1
ELS 1.0D+1.0L			Live		1
ELS 1.0D+1.0L			DS		1
ELS 1.0D+1.0W1	Linear Add	No	Dead		1
ELS 1.0D+1.0W1			W1		1
ELS 1.0D+1.0W1			DS		1
ELS 1.0D+1.0W2	Linear Add	No	Dead		1
ELS 1.0D+1.0W2			W2		1
ELS 1.0D+1.0W2			DS		1
ELU 0.9D	Linear Add	No	Dead		0.9
ELU 0.9D			DS		0.9
ELU 0.9D-1.0SX-0.3SY	Linear Add	No	Dead		0.9
ELU 0.9D-1.0SX-0.3SY			SX		-1
ELU 0.9D-1.0SX-0.3SY			SY		-0.3
ELU 0.9D-1.0SX-0.3SY			DS		0.9
ELU 0.9D-1.0SX+0.3SY	Linear Add	No	Dead		0.9
ELU 0.9D-1.0SX+0.3SY			SX		-1
ELU 0.9D-1.0SX+0.3SY			SY		0.3
ELU 0.9D-1.0SX+0.3SY			DS		0.9
ELU 0.9D-1.0SY-0.3SX	Linear Add	No	Dead		0.9
ELU 0.9D-1.0SY-0.3SX			SY		-1
ELU 0.9D-1.0SY-0.3SX			SX		-0.3
ELU 0.9D-1.0SY-0.3SX			DS		0.9
ELU 0.9D-1.0SY+0.3SX	Linear Add	No	Dead		0.9
ELU 0.9D-1.0SY+0.3SX			SY		-1
ELU 0.9D-1.0SY+0.3SX			SX		0.3
ELU 0.9D-1.0SY+0.3SX			DS		0.9
ELU 0.9D+1.0SX-0.3SY	Linear Add	No	Dead		0.9
ELU 0.9D+1.0SX-0.3SY			SX		1
ELU 0.9D+1.0SX-0.3SY			SY		-0.3
ELU 0.9D+1.0SX-0.3SY			DS		0.9
ELU 0.9D+1.0SX+0.3SY	Linear Add	No	Dead		0.9
ELU 0.9D+1.0SX+0.3SY			SX		1
ELU 0.9D+1.0SX+0.3SY			SY		0.3
ELU 0.9D+1.0SX+0.3SY			DS		0.9
ELU 0.9D+1.0SY-0.3SX	Linear Add	No	Dead		0.9
ELU 0.9D+1.0SY-0.3SX			SY		1
ELU 0.9D+1.0SY-0.3SX			SX		-0.3
ELU 0.9D+1.0SY-0.3SX			DS		0.9
ELU 0.9D+1.0SY+0.3SX	Linear Add	No	Dead		0.9
ELU 0.9D+1.0SY+0.3SX			SY		1
ELU 0.9D+1.0SY+0.3SX			SX		0.3
ELU 0.9D+1.0SY+0.3SX			DS		0.9
ELU 0.9D+1.6H	Linear Add	No	Dead		0.9
ELU 0.9D+1.6H			DS		0.9
ELU 0.9D+1.6H+1.0SX	Linear Add	No	Dead		0.9
ELU 0.9D+1.6H+1.0SX			DS		0.9
ELU 0.9D+1.6H+1.0SX			SX		1
ELU 0.9D+1.6H+1.0SY	Linear Add	No	Dead		0.9
ELU 0.9D+1.6H+1.0SY			DS		0.9
ELU 0.9D+1.6H+1.0SY			SY		1
ELU 0.9D+1.6W1	Linear Add	No	Dead		0.9
ELU 0.9D+1.6W1			W1		1.6
ELU 0.9D+1.6W1			DS		0.9
ELU 0.9D+1.6W2	Linear Add	No	Dead		0.9
ELU 0.9D+1.6W2			W2		1.6

Loads

Name	Type	Is Auto	Load Name	Mode	SF
ELU 0.9D+1.6W2			DS		0.9
ELU 1.2D+0.8W1	Linear Add	No	Dead		1.2
ELU 1.2D+0.8W1			W1		0.8
ELU 1.2D+0.8W1			DS		1.2
ELU 1.2D+0.8W2	Linear Add	No	Dead		1.2
ELU 1.2D+0.8W2			W2		0.8
ELU 1.2D+0.8W2			DS		1.2
ELU 1.2D+1.0L-1.0SX-0.3SY	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L-1.0SX-0.3SY			Live		1
ELU 1.2D+1.0L-1.0SX-0.3SY			SX		-1
ELU 1.2D+1.0L-1.0SX-0.3SY			SY		-0.3
ELU 1.2D+1.0L-1.0SX-0.3SY			DS		1.2
ELU 1.2D+1.0L-1.0SX+0.3SY	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L-1.0SX+0.3SY			Live		1
ELU 1.2D+1.0L-1.0SX+0.3SY			SX		-1
ELU 1.2D+1.0L-1.0SX+0.3SY			SY		0.3
ELU 1.2D+1.0L-1.0SX+0.3SY			DS		1.2
ELU 1.2D+1.0L-1.0SY-0.3SX	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L-1.0SY-0.3SX			Live		1
ELU 1.2D+1.0L-1.0SY-0.3SX			SY		-1
ELU 1.2D+1.0L-1.0SY-0.3SX			SX		-0.3
ELU 1.2D+1.0L-1.0SY-0.3SX			DS		1.2
ELU 1.2D+1.0L-1.0SY+0.3SX	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L-1.0SY+0.3SX			Live		1
ELU 1.2D+1.0L-1.0SY+0.3SX			SY		-1
ELU 1.2D+1.0L-1.0SY+0.3SX			SX		0.3
ELU 1.2D+1.0L-1.0SY+0.3SX			DS		1.2
ELU 1.2D+1.0L+1.0SX-0.3SY	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L+1.0SX-0.3SY			Live		1
ELU 1.2D+1.0L+1.0SX-0.3SY			SX		1
ELU 1.2D+1.0L+1.0SX-0.3SY			SY		-0.3
ELU 1.2D+1.0L+1.0SX-0.3SY			DS		1.2
ELU 1.2D+1.0L+1.0SX+0.3SY	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L+1.0SX+0.3SY			Live		1
ELU 1.2D+1.0L+1.0SX+0.3SY			SX		1
ELU 1.2D+1.0L+1.0SX+0.3SY			SY		0.3
ELU 1.2D+1.0L+1.0SX+0.3SY			DS		1.2
ELU 1.2D+1.0L+1.0SY-0.3SX	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L+1.0SY-0.3SX			Live		1
ELU 1.2D+1.0L+1.0SY-0.3SX			SY		1
ELU 1.2D+1.0L+1.0SY-0.3SX			SX		-0.3
ELU 1.2D+1.0L+1.0SY-0.3SX			DS		1.2
ELU 1.2D+1.0L+1.0SY+0.3SX	Linear Add	No	Dead		1.2
ELU 1.2D+1.0L+1.0SY+0.3SX			Live		1
ELU 1.2D+1.0L+1.0SY+0.3SX			SY		1
ELU 1.2D+1.0L+1.0SY+0.3SX			SX		0.3
ELU 1.2D+1.0L+1.0SY+0.3SX			DS		1.2
ELU 1.2D+1.6H	Linear Add	No	Dead		1.2
ELU 1.2D+1.6H			DS		1.2
ELU 1.2D+1.6L	Linear Add	No	Dead		1.2
ELU 1.2D+1.6L			Live		1.6
ELU 1.2D+1.6L			DS		1.2
ELU 1.2D+1.6W1+1.0L	Linear Add	No	Dead		1.2
ELU 1.2D+1.6W1+1.0L			W1		1.6
ELU 1.2D+1.6W1+1.0L			DS		1.2
ELU 1.2D+1.6W1+1.0L			Live		1
ELU 1.2D+1.6W2+1.0L	Linear Add	No	Dead		1.2
ELU 1.2D+1.6W2+1.0L			W2		1.6
ELU 1.2D+1.6W2+1.0L			DS		1.2
ELU 1.2D+1.6W2+1.0L			Live		1
ELU 1.4D	Linear Add	No	Dead		1.4

Loads

Name	Type	Is Auto	Load Name	Mode	SF
ELU 1.4D			DS		1.4

Table 2.11 - Load Combination Definitions (Part 2 of 2)

Name	Notes
CIM 0,6D	
CIM 0,6D	
CIM 0,6D+0.7SX	
CIM 0,6D+0.7SX	
CIM 0,6D+0.7SX	
CIM 0,6D+0.7SY	
CIM 0,6D+0.7SY	
CIM 0,6D+0.7SY	
CIM 1.0D	
CIM 1.0D	
CIM 1.0D+0.7SX	
CIM 1.0D+0.7SX	
CIM 1.0D+0.7SX	
CIM 1.0D+0.7SY	
CIM 1.0D+0.7SY	
CIM 1.0D+0.7SY	
CIM 1.0D+0.75L+0.5SX	
CIM 1.0D+0.75L+0.5SX	
CIM 1.0D+0.75L+0.5SX	
CIM 1.0D+0.75L+0.5SX	
CIM 1.0D+0.75L+0.5SY	
CIM 1.0D+0.75L+0.5SY	
CIM 1.0D+0.75L+0.5SY	
CIM 1.0D+0.75L+0.5SY	
CIM 1.0D+1.0L	
CIM 1.0D+1.0L	
CIM 1.0D+1.0L	
DES 0.6D+1.0SX	
DES 0.6D+1.0SX	
DES 0.6D+1.0SX	
DES 0.6D+1.0SY	
DES 0.6D+1.0SY	
DES 0.6D+1.0SY	
DES 1.0D+0.75L+0.75SX	
DES 1.0D+0.75L+0.75SX	
DES 1.0D+0.75L+0.75SX	
DES 1.0D+0.75L+0.75SX	
DES 1.0D+0.75L+0.75SY	
DES 1.0D+0.75L+0.75SY	
DES 1.0D+0.75L+0.75SY	
DES 1.0D+0.75L+0.75SY	
DES 1.0D+1.0SX	
DES 1.0D+1.0SX	
DES 1.0D+1.0SX	
DES 1.0D+1.0SY	
DES 1.0D+1.0SY	
DES 1.0D+1.0SY	
DStID1	Dead [Deflections]
DStID1	
DStID2	Dead + Live [Deflections]
DStID2	
DStID2	
DStIS1	Dead [Strength]
DStIS1	
DStIS2	Dead + Live [Strength]
DStIS2	

Loads

Name	Notes
DStlS2	
DStlS3	Dead + Live + Wind + Snow [Strength]
DStlS3	
DStlS3	
DStlS3	
DStlS4	Dead + Live - Wind + Snow [Strength]
DStlS4	
DStlS4	
DStlS4	
DStlS5	Dead + Live + Wind + Snow [Strength]
DStlS5	
DStlS5	
DStlS5	
DStlS6	Dead + Live - Wind + Snow [Strength]
DStlS6	
DStlS6	
DStlS6	
DStlS7	Dead (min) + Wind [Strength]
DStlS7	
DStlS7	
DStlS8	Dead (min) - Wind [Strength]
DStlS8	
DStlS8	
DStlS8	
DStlS9	Dead (min) + Wind [Strength]
DStlS9	
DStlS9	
DStlS9	
DStlS10	Dead (min) - Wind [Strength]
DStlS10	
DStlS10	
DStlS10	
DStlS11	Dead + Live + Static Earthquake [Strength]
DStlS11	
DStlS11	
DStlS11	
DStlS12	Dead + Live - Static Earthquake [Strength]
DStlS12	
DStlS12	
DStlS12	
DStlS13	Dead + Live + Static Earthquake [Strength]
DStlS13	
DStlS13	
DStlS13	
DStlS14	Dead + Live - Static Earthquake [Strength]
DStlS14	
DStlS14	
DStlS14	
DStlS15	Dead + Live + Static Earthquake [Strength]
DStlS15	
DStlS15	
DStlS15	
DStlS16	Dead + Live - Static Earthquake [Strength]
DStlS16	
DStlS16	
DStlS16	
DStlS17	Dead + Live + Static Earthquake [Strength]
DStlS17	
DStlS17	
DStlS17	
DStlS18	Dead + Live - Static Earthquake [Strength]
DStlS18	
DStlS18	
DStlS18	

Loads

Name	Notes
DStlS19	Dead (min) + Static Earthquake [Strength]
DStlS19	
DStlS19	
DStlS20	Dead (min) - Static Earthquake [Strength]
DStlS20	
DStlS20	
DStlS21	Dead (min) + Static Earthquake [Strength]
DStlS21	
DStlS21	
DStlS22	Dead (min) - Static Earthquake [Strength]
DStlS22	
DStlS22	
DStlS23	Dead (min) + Static Earthquake [Strength]
DStlS23	
DStlS23	
DStlS24	Dead (min) - Static Earthquake [Strength]
DStlS24	
DStlS24	
DStlS25	Dead (min) + Static Earthquake [Strength]
DStlS25	
DStlS25	
DStlS26	Dead (min) - Static Earthquake [Strength]
DStlS26	
DStlS26	
DStlS27	Dead + Live + Response Spectrum [Strength]
DStlS27	
DStlS27	
DStlS27	
DStlS28	Dead + Live + Response Spectrum [Strength]
DStlS28	
DStlS28	
DStlS28	
DStlS29	Dead + Live + Response Spectrum [Strength]
DStlS29	
DStlS29	
DStlS29	
DStlS30	Dead + Live + Response Spectrum [Strength]
DStlS30	
DStlS30	
DStlS30	
DStlS31	Dead (min) + Response Spectrum [Strength]
DStlS31	
DStlS31	
DStlS32	Dead (min) + Response Spectrum [Strength]
DStlS32	
DStlS32	
DStlS32	
DStlS33	Dead (min) + Response Spectrum [Strength]
DStlS33	
DStlS33	
DStlS33	
DStlS34	Dead (min) + Response Spectrum [Strength]
DStlS34	
DStlS34	
ELS 0.6D+0.7SX	
ELS 0.6D+0.7SX	
ELS 0.6D+0.7SX	
ELS 0.6D+0.7SY	
ELS 0.6D+0.7SY	
ELS 0.6D+0.7SY	
ELS 0.6D+1.0H	
ELS 0.6D+1.0H	
ELS 0.6D+1.0H+0.7SX	

Loads

Name	Notes
ELS 0.6D+1.0H+0.7SX	
ELS 0.6D+1.0H+0.7SX	
ELS 0.6D+1.0H+0.7SY	
ELS 0.6D+1.0H+0.7SY	
ELS 0.6D+1.0H+0.7SY	
ELS 0.6D+1.0W1	
ELS 0.6D+1.0W1	
ELS 0.6D+1.0W1	
ELS 0.6D+1.0W2	
ELS 0.6D+1.0W2	
ELS 0.6D+1.0W2	
ELS 1.0D	
ELS 1.0D	
ELS 1.0D+0.7SX	
ELS 1.0D+0.7SX	
ELS 1.0D+0.7SX	
ELS 1.0D+0.7SY	
ELS 1.0D+0.7SY	
ELS 1.0D+0.7SY	
ELS 1.0D+0.75L	
ELS 1.0D+0.75L	
ELS 1.0D+0.75L	
ELS 1.0D+0.75L+0.525SX	
ELS 1.0D+0.75L+0.525SX	
ELS 1.0D+0.75L+0.525SX	
ELS 1.0D+0.75L+0.525SX	
ELS 1.0D+0.75L+0.525SY	
ELS 1.0D+0.75L+0.525SY	
ELS 1.0D+0.75L+0.525SY	
ELS 1.0D+0.75L+0.525SY	
ELS 1.0D+0.75W1+0.75L	
ELS 1.0D+0.75W1+0.75L	
ELS 1.0D+0.75W1+0.75L	
ELS 1.0D+0.75W1+0.75L	
ELS 1.0D+0.75W2+0.75L	
ELS 1.0D+0.75W2+0.75L	
ELS 1.0D+0.75W2+0.75L	
ELS 1.0D+0.75W2+0.75L	
ELS 1.0D+1.0H	
ELS 1.0D+1.0H	
ELS 1.0D+1.0H+0.7SX	
ELS 1.0D+1.0H+0.7SX	
ELS 1.0D+1.0H+0.7SX	
ELS 1.0D+1.0H+0.7SY	
ELS 1.0D+1.0H+0.7SY	
ELS 1.0D+1.0H+0.7SY	
ELS 1.0D+1.0H+0.75L	
ELS 1.0D+1.0H+0.75L	
ELS 1.0D+1.0H+0.75L	
ELS 1.0D+1.0H+0.75L+0.525SX	
ELS 1.0D+1.0H+0.75L+0.525SX	
ELS 1.0D+1.0H+0.75L+0.525SX	
ELS 1.0D+1.0H+0.75L+0.525SX	
ELS 1.0D+1.0H+0.75L+0.525SY	
ELS 1.0D+1.0H+0.75L+0.525SY	
ELS 1.0D+1.0H+0.75L+0.525SY	
ELS 1.0D+1.0H+0.75L+0.525SY	
ELS 1.0D+1.0H+1.0L	
ELS 1.0D+1.0H+1.0L	
ELS 1.0D+1.0H+1.0L	
ELS 1.0D+1.0L	

Loads

Name	Notes
ELS 1.0D+1.0L	
ELS 1.0D+1.0L	
ELS 1.0D+1.0W1	
ELS 1.0D+1.0W1	
ELS 1.0D+1.0W1	
ELS 1.0D+1.0W2	
ELS 1.0D+1.0W2	
ELS 1.0D+1.0W2	
ELU 0.9D	
ELU 0.9D	
ELU 0.9D-1.0SX-0.3SY	
ELU 0.9D-1.0SX-0.3SY	
ELU 0.9D-1.0SX-0.3SY	
ELU 0.9D-1.0SX-0.3SY	
ELU 0.9D-1.0SX+0.3SY	
ELU 0.9D-1.0SX+0.3SY	
ELU 0.9D-1.0SX+0.3SY	
ELU 0.9D-1.0SY-0.3SX	
ELU 0.9D-1.0SY-0.3SX	
ELU 0.9D-1.0SY-0.3SX	
ELU 0.9D-1.0SY+0.3SX	
ELU 0.9D-1.0SY+0.3SX	
ELU 0.9D-1.0SY+0.3SX	
ELU 0.9D-1.0SY+0.3SX	
ELU 0.9D-1.0SY+0.3SX	
ELU 0.9D+1.0SX-0.3SY	
ELU 0.9D+1.0SX-0.3SY	
ELU 0.9D+1.0SX-0.3SY	
ELU 0.9D+1.0SX-0.3SY	
ELU 0.9D+1.0SX+0.3SY	
ELU 0.9D+1.0SX+0.3SY	
ELU 0.9D+1.0SX+0.3SY	
ELU 0.9D+1.0SX+0.3SY	
ELU 0.9D+1.0SY-0.3SX	
ELU 0.9D+1.0SY-0.3SX	
ELU 0.9D+1.0SY-0.3SX	
ELU 0.9D+1.0SY+0.3SX	
ELU 0.9D+1.0SY+0.3SX	
ELU 0.9D+1.0SY+0.3SX	
ELU 0.9D+1.0SY+0.3SX	
ELU 0.9D+1.6H	
ELU 0.9D+1.6H	
ELU 0.9D+1.6H+1.0SX	
ELU 0.9D+1.6H+1.0SX	
ELU 0.9D+1.6H+1.0SX	
ELU 0.9D+1.6H+1.0SY	
ELU 0.9D+1.6H+1.0SY	
ELU 0.9D+1.6H+1.0SY	
ELU 0.9D+1.6W1	
ELU 0.9D+1.6W1	
ELU 0.9D+1.6W1	
ELU 0.9D+1.6W2	
ELU 0.9D+1.6W2	
ELU 0.9D+1.6W2	
ELU 1.2D+0.8W1	
ELU 1.2D+0.8W1	
ELU 1.2D+0.8W1	
ELU 1.2D+0.8W2	
ELU 1.2D+0.8W2	

Loads

Name	Notes
ELU 1.2D+0.8W2	
ELU 1.2D+1.0L-1.0SX-0.3SY	
ELU 1.2D+1.0L-1.0SX-0.3SY	
ELU 1.2D+1.0L-1.0SX-0.3SY	
ELU 1.2D+1.0L-1.0SX-0.3SY	
ELU 1.2D+1.0L-1.0SX-0.3SY	
ELU 1.2D+1.0L-1.0SX+0.3SY	
ELU 1.2D+1.0L-1.0SX+0.3SY	
ELU 1.2D+1.0L-1.0SX+0.3SY	
ELU 1.2D+1.0L-1.0SX+0.3SY	
ELU 1.2D+1.0L-1.0SX+0.3SY	
ELU 1.2D+1.0L-1.0SY-0.3SX	
ELU 1.2D+1.0L-1.0SY-0.3SX	
ELU 1.2D+1.0L-1.0SY-0.3SX	
ELU 1.2D+1.0L-1.0SY-0.3SX	
ELU 1.2D+1.0L-1.0SY+0.3SX	
ELU 1.2D+1.0L-1.0SY+0.3SX	
ELU 1.2D+1.0L-1.0SY+0.3SX	
ELU 1.2D+1.0L-1.0SY+0.3SX	
ELU 1.2D+1.0L-1.0SY+0.3SX	
ELU 1.2D+1.0L+1.0SX-0.3SY	
ELU 1.2D+1.0L+1.0SX-0.3SY	
ELU 1.2D+1.0L+1.0SX-0.3SY	
ELU 1.2D+1.0L+1.0SX-0.3SY	
ELU 1.2D+1.0L+1.0SX+0.3SY	
ELU 1.2D+1.0L+1.0SX+0.3SY	
ELU 1.2D+1.0L+1.0SX+0.3SY	
ELU 1.2D+1.0L+1.0SX+0.3SY	
ELU 1.2D+1.0L+1.0SX+0.3SY	
ELU 1.2D+1.0L+1.0SY-0.3SX	
ELU 1.2D+1.0L+1.0SY-0.3SX	
ELU 1.2D+1.0L+1.0SY-0.3SX	
ELU 1.2D+1.0L+1.0SY-0.3SX	
ELU 1.2D+1.0L+1.0SY+0.3SX	
ELU 1.2D+1.0L+1.0SY+0.3SX	
ELU 1.2D+1.0L+1.0SY+0.3SX	
ELU 1.2D+1.0L+1.0SY+0.3SX	
ELU 1.2D+1.6H	
ELU 1.2D+1.6H	
ELU 1.2D+1.6L	
ELU 1.2D+1.6L	
ELU 1.2D+1.6L	
ELU 1.2D+1.6W1+1.0L	
ELU 1.2D+1.6W1+1.0L	
ELU 1.2D+1.6W1+1.0L	
ELU 1.2D+1.6W1+1.0L	
ELU 1.2D+1.6W2+1.0L	
ELU 1.2D+1.6W2+1.0L	
ELU 1.2D+1.6W2+1.0L	
ELU 1.2D+1.6W2+1.0L	
ELU 1.4D	
ELU 1.4D	

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
Dead	LinStatic				0	0	12.34	38.71	-53.65
Live	LinStatic				0	0	2.24	5.82	-19.61
SX	LinRespSpec	Max			6.39	0.27	0	1.45	31.37
SY	LinRespSpec	Max			0.51	7.29	0	35.38	2.51
SXEST	LinStatic				-7.99	0	0	0	-39.2
SYEST	LinStatic				0	-7.99	0	39.2	0
DS	LinStatic				0	0	3.62	9.4	-31.68
W1	LinStatic				0	-3.61	2.24	24.17	-19.61
W2	LinStatic				0	2.74	-2.53	-20.53	22.12
SX-UMBRAL	LinRespSpec	Max			1.73	0.07	0	0.39	8.47
SY-UMBRAL	LinRespSpec	Max			0.14	1.73	0	8.78	0.71
SX-UMBRAL-EST	LinStatic				-1.92	0	0	0	-9.41
SY-UMBRAL-EST	LinStatic				0	-1.92	0	9.41	0
ELS 1.0D	Combination				0	0	15.96	48.11	-85.33
ELS 1.0D+1.0L	Combination				0	0	18.2	53.93	-104.94
ELS 1.0D+0.75L	Combination				0	0	17.64	52.47	-100.04
ELS 1.0D+0.7SX	Combination	Max			4.48	0.19	15.96	49.12	-63.37
ELS 1.0D+0.7SX	Combination	Min			-4.48	-0.19	15.96	47.09	-107.29
ELS 1.0D+0.7SY	Combination	Max			0.35	5.1	15.96	72.88	-83.58
ELS 1.0D+0.7SY	Combination	Min			-0.35	-5.1	15.96	23.34	-87.09
ELS 1.0D+0.75L+0.525SX	Combination	Max			3.36	0.14	17.64	53.23	-83.57
ELS 1.0D+0.75L+0.525SX	Combination	Min			-3.36	-0.14	17.64	51.71	-116.51
ELS 1.0D+0.75L+0.525SY	Combination	Max			0.27	3.83	17.64	71.05	-98.72
ELS 1.0D+0.75L+0.525SY	Combination	Min			-0.27	-3.83	17.64	33.89	-101.36
ELS 0.6D+0.7SX	Combination	Max			4.48	0.19	9.58	29.88	-29.24
ELS 0.6D+0.7SX	Combination	Min			-4.48	-0.19	9.58	27.85	-73.16
ELS 0.6D+0.7SY	Combination	Max			0.35	5.1	9.58	53.63	-49.45
ELS 0.6D+0.7SY	Combination	Min			-0.35	-5.1	9.58	4.09	-52.95
ELU 1.4D	Combination				0	0	22.34	67.35	-119.46
ELU 1.2D+1.6L	Combination				0	0	22.73	67.04	-133.78
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			6.55	2.46	21.39	75.61	-89.89
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			-6.55	-2.46	21.39	51.48	-154.13
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			2.42	7.37	21.39	99.37	-110.09
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			-2.42	-7.37	21.39	27.73	-133.92
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			6.55	2.46	21.39	75.61	-89.89
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			-6.55	-2.46	21.39	51.48	-154.13
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			2.42	7.37	21.39	99.37	-110.09
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			-2.42	-7.37	21.39	27.73	-133.92
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			6.55	2.46	21.39	75.61	-89.89
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			-6.55	-2.46	21.39	51.48	-154.13
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			2.42	7.37	21.39	99.37	-110.09
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			-2.42	-7.37	21.39	27.73	-133.92
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			6.55	2.46	21.39	75.61	-89.89
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			-6.55	-2.46	21.39	51.48	-154.13
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			2.42	7.37	21.39	99.37	-110.09
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			-2.42	-7.37	21.39	27.73	-133.92
ELU 0.9D	Combination				0	0	14.36	43.3	-76.8
ELU 0.9D+1.0SX+0.3SY	Combination	Max			6.55	2.46	14.36	55.36	-44.68
ELU 0.9D+1.0SX+0.3SY	Combination	Min			-6.55	-2.46	14.36	31.23	-108.92
ELU 0.9D+1.0SY+0.3SX	Combination	Max			2.42	7.37	14.36	79.12	-64.88
ELU 0.9D+1.0SY+0.3SX	Combination	Min			-2.42	-7.37	14.36	7.48	-88.71
ELU 0.9D+1.0SX-0.3SY	Combination	Max			6.55	2.46	14.36	55.36	-44.68
ELU 0.9D+1.0SX-0.3SY	Combination	Min			-6.55	-2.46	14.36	31.23	-108.92

Analysis Results

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
ELU 0.9D+1.0SY-0.3SX	Combination	Max			2.42	7.37	14.36	79.12	-64.88
ELU 0.9D+1.0SY-0.3SX	Combination	Min			-2.42	-7.37	14.36	7.48	-88.71
ELU 0.9D-1.0SX+0.3SY	Combination	Max			6.55	2.46	14.36	55.36	-44.68
ELU 0.9D-1.0SX+0.3SY	Combination	Min			-6.55	-2.46	14.36	31.23	-108.92
ELU 0.9D-1.0SY+0.3SX	Combination	Max			2.42	7.37	14.36	79.12	-64.88
ELU 0.9D-1.0SY+0.3SX	Combination	Min			-2.42	-7.37	14.36	7.48	-88.71
ELU 0.9D-1.0SX-0.3SY	Combination	Max			6.55	2.46	14.36	55.36	-44.68
ELU 0.9D-1.0SX-0.3SY	Combination	Min			-6.55	-2.46	14.36	31.23	-108.92
ELU 0.9D-1.0SY-0.3SX	Combination	Max			2.42	7.37	14.36	79.12	-64.88
ELU 0.9D-1.0SY-0.3SX	Combination	Min			-2.42	-7.37	14.36	7.48	-88.71
CIM 1.0D	Combination				0	0	15.96	48.11	-85.33
CIM 1.0D+1.0L	Combination				0	0	18.2	53.93	-104.94
CIM 0,6D	Combination				0	0	9.58	28.86	-51.2
CIM 0,6D+0.7SX	Combination	Max			4.48	0.19	9.58	29.88	-29.24
CIM 0,6D+0.7SX	Combination	Min			-4.48	-0.19	9.58	27.85	-73.16
CIM 0,6D+0.7SY	Combination	Max			0.35	5.1	9.58	53.63	-49.45
CIM 0,6D+0.7SY	Combination	Min			-0.35	-5.1	9.58	4.09	-52.95
CIM 1.0D+0.7SX	Combination	Max			4.48	0.19	15.96	49.12	-63.37
CIM 1.0D+0.7SX	Combination	Min			-4.48	-0.19	15.96	47.09	-107.29
CIM 1.0D+0.7SY	Combination	Max			0.35	5.1	15.96	72.88	-83.58
CIM 1.0D+0.7SY	Combination	Min			-0.35	-5.1	15.96	23.34	-87.09
CIM 1.0D+0.75L+0.5SX	Combination	Max			3.2	0.14	17.64	53.2	-84.36
CIM 1.0D+0.75L+0.5SX	Combination	Min			-3.2	-0.14	17.64	51.75	-115.72
CIM 1.0D+0.75L+0.5SY	Combination	Max			0.25	3.65	17.64	70.16	-98.79
CIM 1.0D+0.75L+0.5SY	Combination	Min			-0.25	-3.65	17.64	34.78	-101.29
DES 1.0D+1.0SX	Combination	Max			6.39	0.27	15.96	49.56	-53.96
DES 1.0D+1.0SX	Combination	Min			-6.39	-0.27	15.96	46.66	-116.7
DES 1.0D+1.0SY	Combination	Max			0.51	7.29	15.96	83.49	-82.83
DES 1.0D+1.0SY	Combination	Min			-0.51	-7.29	15.96	12.72	-87.84
DES 1.0D+0.75L+0.75SX	Combination	Max			4.8	0.21	17.64	53.56	-76.51
DES 1.0D+0.75L+0.75SX	Combination	Min			-4.8	-0.21	17.64	51.38	-123.57
DES 1.0D+0.75L+0.75SY	Combination	Max			0.38	5.47	17.64	79.01	-98.16
DES 1.0D+0.75L+0.75SY	Combination	Min			-0.38	-5.47	17.64	25.93	-101.92
DES 0.6D+1.0SX	Combination	Max			6.39	0.27	9.58	30.32	-19.83
DES 0.6D+1.0SX	Combination	Min			-6.39	-0.27	9.58	27.41	-82.57
DES 0.6D+1.0SY	Combination	Max			0.51	7.29	9.58	64.25	-48.69
DES 0.6D+1.0SY	Combination	Min			-0.51	-7.29	9.58	-6.52	-53.7
ELS 1.0D+1.0W1	Combination				0	-3.61	18.2	72.28	-104.94
ELS 1.0D+1.0W2	Combination				0	2.74	13.43	27.58	-63.21
ELS 1.0D+0.75W1+0.75L	Combination				0	-2.7	19.32	70.6	-114.75
ELS 1.0D+0.75W2+0.75L	Combination				0	2.06	15.74	37.07	-83.45
ELS 0.6D+1.0W1	Combination				0	-3.61	11.81	53.04	-70.81
ELS 0.6D+1.0W2	Combination				0	2.74	7.05	8.33	-29.07
ELU 1.2D+0.8W1	Combination				0	-2.88	20.94	77.07	-118.09
ELU 1.2D+0.8W2	Combination				0	2.2	17.13	41.3	-84.7
ELU 0.9D+1.6W1	Combination				0	-5.77	17.95	81.97	-108.18
ELU 0.9D+1.6W2	Combination				0	4.39	10.32	10.45	-41.4
ELU 1.2D+1.6W1+1.0L	Combination				0	-5.77	24.97	102.23	-153.39
ELU 1.2D+1.6W2+1.0L	Combination				0	4.39	17.35	30.7	-86.61

Table 3.1 - Base Reactions (Part 2 of 2)

MZ tonf-m	X m	Y m	Z m
0	0	0	0
0	0	0	0
20.29	0	0	0
54.52	0	0	0
23.36	0	0	0
-47.47	0	0	0

Analysis Results

MZ tonf-m	X m	Y m	Z m
0	0	0	0
-31.59	0	0	0
24.03	0	0	0
5.48	0	0	0
15.51	0	0	0
5.61	0	0	0
-11.39	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
14.2	0	0	0
-14.2	0	0	0
38.17	0	0	0
-38.17	0	0	0
10.65	0	0	0
-10.65	0	0	0
28.62	0	0	0
-28.62	0	0	0
14.2	0	0	0
-14.2	0	0	0
38.17	0	0	0
-38.17	0	0	0
0	0	0	0
0	0	0	0
36.65	0	0	0
-36.65	0	0	0
60.61	0	0	0
-60.61	0	0	0
36.65	0	0	0
-36.65	0	0	0
60.61	0	0	0
-60.61	0	0	0
36.65	0	0	0
-36.65	0	0	0
60.61	0	0	0
-60.61	0	0	0
36.65	0	0	0
-36.65	0	0	0
60.61	0	0	0
-60.61	0	0	0
0	0	0	0
36.65	0	0	0
-36.65	0	0	0
60.61	0	0	0
-60.61	0	0	0
36.65	0	0	0
-36.65	0	0	0
60.61	0	0	0
-60.61	0	0	0
36.65	0	0	0
-36.65	0	0	0
60.61	0	0	0
-60.61	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Analysis Results

MZ tonf-m	X m	Y m	Z m
14.2	0	0	0
-14.2	0	0	0
38.17	0	0	0
-38.17	0	0	0
14.2	0	0	0
-14.2	0	0	0
38.17	0	0	0
-38.17	0	0	0
10.14	0	0	0
-10.14	0	0	0
27.26	0	0	0
-27.26	0	0	0
20.29	0	0	0
-20.29	0	0	0
54.52	0	0	0
-54.52	0	0	0
15.22	0	0	0
-15.22	0	0	0
40.89	0	0	0
-40.89	0	0	0
20.29	0	0	0
-20.29	0	0	0
54.52	0	0	0
-54.52	0	0	0
-31.59	0	0	0
24.03	0	0	0
-23.69	0	0	0
18.03	0	0	0
-31.59	0	0	0
24.03	0	0	0
-25.27	0	0	0
19.23	0	0	0
-50.54	0	0	0
38.45	0	0	0
-50.54	0	0	0
38.45	0	0	0

3.2 Story Results

Table 3.2 - Story Drifts (Part 1 of 2)

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story3	Dead	LinStatic				X	0.000316		8
Story3	Live	LinStatic				X	0.000345		8
Story3	SX	LinRespSpec	Max			X	0.001665		2
Story3	SY	LinRespSpec	Max			X	0.004318		2
Story3	SY	LinRespSpec	Max			Y	0.000379		2
Story3	SXEST	LinStatic				X	0.002224		2
Story3	SYEST	LinStatic				X	0.002904		2
Story3	SYEST	LinStatic				Y	0.000344		2
Story3	DS	LinStatic				X	0.000557		8
Story3	W1	LinStatic				X	0.002662		2
Story3	W1	LinStatic				Y	0.000268		2
Story3	W2	LinStatic				X	0.00214		2
Story3	W2	LinStatic				Y	0.000203		2
Story3	SX-UMBRAL	LinRespSpec	Max			X	0.000449		2
Story3	SY-UMBRAL	LinRespSpec	Max			X	0.001243		2
Story3	SY-UMBRAL	LinRespSpec	Max			Y	0.000107		2
Story3	SX-UMBRAL-EST	LinStatic				X	0.000534		2

Analysis Results

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story3	SY-UMBRALEST	LinStatic				X	0.000697		2
Story3	SY-UMBRALEST	LinStatic				Y	8.2E-05		2
Story3	ELS 1.0D	Combination				X	0.000872		8
Story3	ELS 1.0D+1.0L	Combination				X	0.001217		8
Story3	ELS 1.0D+0.75L	Combination				X	0.001131		8
Story3	ELS 1.0D+0.7SX	Combination	Max			X	0.001981		2
Story3	ELS 1.0D+0.7SX	Combination	Min			X	0.00035		2
Story3	ELS 1.0D+0.7SX	Combination	Min			Y	7.3E-05		11
Story3	ELS 1.0D+0.7SY	Combination	Max			X	0.003838		2
Story3	ELS 1.0D+0.7SY	Combination	Min			X	0.002207		2
Story3	ELS 1.0D+0.7SY	Combination	Min			Y	0.000294		10
Story3	ELS 1.0D+0.75L+0.525SX	Combination	Max			X	0.001924		2
Story3	ELS 1.0D+0.75L+0.525SX	Combination	Min			X	0.000528		8
Story3	ELS 1.0D+0.75L+0.525SX	Combination	Min			Y	8.6E-05		11
Story3	ELS 1.0D+0.75L+0.525SY	Combination	Max			X	0.003316		2
Story3	ELS 1.0D+0.75L+0.525SY	Combination	Min			X	0.001218		2
Story3	ELS 1.0D+0.75L+0.525SY	Combination	Min			Y	0.000251		10
Story3	ELS 0.6D+0.7SX	Combination	Max			X	0.001655		2
Story3	ELS 0.6D+0.7SX	Combination	Min			X	0.000677		2
Story3	ELS 0.6D+0.7SY	Combination	Max			X	0.003512		2
Story3	ELS 0.6D+0.7SY	Combination	Min			X	0.002533		2
Story3	ELS 0.6D+0.7SY	Combination	Min			Y	0.000278		2
Story3	ELU 1.4D	Combination				X	0.001221		8
Story3	ELU 1.2D+1.6L	Combination				X	0.001598		8
Story3	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			X	0.004251		2
Story3	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			X	0.00167		2
Story3	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			Y	0.000207		10
Story3	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			X	0.006108		2
Story3	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			X	0.003527		2
Story3	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			Y	0.000429		10
Story3	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			X	0.004251		2
Story3	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			X	0.00167		2
Story3	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			Y	0.000207		10
Story3	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			X	0.006108		2
Story3	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			X	0.003527		2
Story3	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			Y	0.000429		10
Story3	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			X	0.004251		2
Story3	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			X	0.00167		2
Story3	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			Y	0.000207		10
Story3	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			X	0.006108		2
Story3	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			X	0.003527		2
Story3	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			Y	0.000429		10
Story3	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			X	0.004251		2
Story3	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			X	0.00167		2
Story3	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			Y	0.000207		10
Story3	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			X	0.006108		2
Story3	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			X	0.003527		2
Story3	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			Y	0.000429		10
Story3	ELU 0.9D	Combination				X	0.000785		8
Story3	ELU 0.9D+1.0SX+0.3SY	Combination	Max			X	0.003694		2
Story3	ELU 0.9D+1.0SX+0.3SY	Combination	Min			X	0.002227		2
Story3	ELU 0.9D+1.0SX+0.3SY	Combination	Min			Y	0.000168		10
Story3	ELU 0.9D+1.0SY+0.3SX	Combination	Max			X	0.005551		2
Story3	ELU 0.9D+1.0SY+0.3SX	Combination	Min			X	0.004084		2
Story3	ELU 0.9D+1.0SY+0.3SX	Combination	Min			Y	0.000402		2
Story3	ELU 0.9D+1.0SX-0.3SY	Combination	Max			X	0.003694		2
Story3	ELU 0.9D+1.0SX-0.3SY	Combination	Min			X	0.002227		2
Story3	ELU 0.9D+1.0SX-0.3SY	Combination	Min			Y	0.000168		10
Story3	ELU 0.9D+1.0SY-0.3SX	Combination	Max			X	0.005551		2
Story3	ELU 0.9D+1.0SY-0.3SX	Combination	Min			X	0.004084		2

Analysis Results

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story3	ELU 0.9D+1.0SY-0.3SX	Combination	Min			Y	0.000402		2
Story3	ELU 0.9D-1.0SX+0.3SY	Combination	Max			X	0.003694		2
Story3	ELU 0.9D-1.0SX+0.3SY	Combination	Min			X	0.002227		2
Story3	ELU 0.9D-1.0SX+0.3SY	Combination	Min			Y	0.000168		10
Story3	ELU 0.9D-1.0SY+0.3SX	Combination	Max			X	0.005551		2
Story3	ELU 0.9D-1.0SY+0.3SX	Combination	Min			X	0.004084		2
Story3	ELU 0.9D-1.0SY+0.3SX	Combination	Min			Y	0.000402		2
Story3	ELU 0.9D-1.0SX-0.3SY	Combination	Max			X	0.003694		2
Story3	ELU 0.9D-1.0SX-0.3SY	Combination	Min			X	0.002227		2
Story3	ELU 0.9D-1.0SX-0.3SY	Combination	Min			Y	0.000168		10
Story3	ELU 0.9D-1.0SY-0.3SX	Combination	Max			X	0.005551		2
Story3	ELU 0.9D-1.0SY-0.3SX	Combination	Min			X	0.004084		2
Story3	ELU 0.9D-1.0SY-0.3SX	Combination	Min			Y	0.000402		2
Story3	CIM 1.0D	Combination				X	0.000872		8
Story3	CIM 1.0D+1.0L	Combination				X	0.001217		8
Story3	CIM 0,6D	Combination				X	0.000523		8
Story3	CIM 0,6D+0.7SX	Combination	Max			X	0.001655		2
Story3	CIM 0,6D+0.7SX	Combination	Min			X	0.000677		2
Story3	CIM 0,6D+0.7SY	Combination	Max			X	0.003512		2
Story3	CIM 0,6D+0.7SY	Combination	Min			X	0.002533		2
Story3	CIM 0,6D+0.7SY	Combination	Min			Y	0.000278		2
Story3	CIM 1.0D+0.7SX	Combination	Max			X	0.001981		2
Story3	CIM 1.0D+0.7SX	Combination	Min			X	0.00035		2
Story3	CIM 1.0D+0.7SX	Combination	Min			Y	7.3E-05		11
Story3	CIM 1.0D+0.7SY	Combination	Max			X	0.003838		2
Story3	CIM 1.0D+0.7SY	Combination	Min			X	0.002207		2
Story3	CIM 1.0D+0.7SY	Combination	Min			Y	0.000294		10
Story3	CIM 1.0D+0.75L+0.5SX	Combination	Max			X	0.001882		2
Story3	CIM 1.0D+0.75L+0.5SX	Combination	Min			X	0.000556		8
Story3	CIM 1.0D+0.75L+0.5SX	Combination	Min			Y	8.6E-05		11
Story3	CIM 1.0D+0.75L+0.5SY	Combination	Max			X	0.003208		2
Story3	CIM 1.0D+0.75L+0.5SY	Combination	Min			X	0.00111		2
Story3	CIM 1.0D+0.75L+0.5SY	Combination	Min			Y	0.000243		10
Story3	DES 1.0D+1.0SX	Combination	Max			X	0.002481		2
Story3	DES 1.0D+1.0SX	Combination	Min			X	0.00085		2
Story3	DES 1.0D+1.0SY	Combination	Max			X	0.005133		2
Story3	DES 1.0D+1.0SY	Combination	Min			X	0.003503		2
Story3	DES 1.0D+1.0SY	Combination	Min			Y	0.0004		2
Story3	DES 1.0D+0.75L+0.75SX	Combination	Max			X	0.002298		2
Story3	DES 1.0D+0.75L+0.75SX	Combination	Min			X	0.000269		8
Story3	DES 1.0D+0.75L+0.75SX	Combination	Min			Y	8.9E-05		11
Story3	DES 1.0D+0.75L+0.75SY	Combination	Max			X	0.004288		2
Story3	DES 1.0D+0.75L+0.75SY	Combination	Min			X	0.002189		2
Story3	DES 1.0D+0.75L+0.75SY	Combination	Min			Y	0.000325		10
Story3	DES 0.6D+1.0SX	Combination	Max			X	0.002154		2
Story3	DES 0.6D+1.0SX	Combination	Min			X	0.001176		2
Story3	DES 0.6D+1.0SY	Combination	Max			X	0.004807		2
Story3	DES 0.6D+1.0SY	Combination	Max			Y	0.000366		2
Story3	DES 0.6D+1.0SY	Combination	Min			X	0.003829		2
Story3	DES 0.6D+1.0SY	Combination	Min			Y	0.000392		2
Story3	ELS 1.0D+1.0W1	Combination				X	0.003477		2
Story3	ELS 1.0D+1.0W1	Combination				Y	0.000247		2
Story3	ELS 1.0D+1.0W2	Combination				X	0.001325		2
Story3	ELS 1.0D+1.0W2	Combination				Y	0.000225		10
Story3	ELS 1.0D+0.75W1+0.75L	Combination				X	0.003046		2
Story3	ELS 1.0D+0.75W2+0.75L	Combination				X	0.001082		10
Story3	ELS 1.0D+0.75W2+0.75L	Combination				Y	0.0002		10
Story3	ELS 0.6D+1.0W1	Combination				X	0.003151		2
Story3	ELS 0.6D+1.0W1	Combination				Y	0.000256		2
Story3	ELS 0.6D+1.0W2	Combination				X	0.001651		2

Analysis Results

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story3	ELS 0.6D+1.0W2	Combination				Y	0.000216		2
Story3	ELU 1.2D+0.8W1	Combination				X	0.003108		2
Story3	ELU 1.2D+0.8W2	Combination				X	0.001067		10
Story3	ELU 1.2D+0.8W2	Combination				Y	0.000206		10
Story3	ELU 0.9D+1.6W1	Combination				X	0.004993		2
Story3	ELU 0.9D+1.6W1	Combination				Y	0.00041		2
Story3	ELU 0.9D+1.6W2	Combination				X	0.00269		2
Story3	ELU 0.9D+1.6W2	Combination				Y	0.000345		2
Story3	ELU 1.2D+1.6W1+1.0L	Combination				X	0.005549		2
Story3	ELU 1.2D+1.6W1+1.0L	Combination				Y	0.000401		2
Story3	ELU 1.2D+1.6W2+1.0L	Combination				X	0.002134		2
Story3	ELU 1.2D+1.6W2+1.0L	Combination				Y	0.000355		10
Story2	Dead	LinStatic				X	3E-06		1
Story2	Dead	LinStatic				Y	4E-06		2
Story2	Live	LinStatic				X	6E-06		1
Story2	Live	LinStatic				Y	4E-06		2
Story2	SX	LinRespSpec	Max			X	0.001594		2
Story2	SY	LinRespSpec	Max			X	0.000831		2
Story2	SY	LinRespSpec	Max			Y	0.000628		2
Story2	SXEST	LinStatic				X	0.002007		2
Story2	SYEST	LinStatic				Y	0.000657		1
Story2	DS	LinStatic				X	1E-05		1
Story2	DS	LinStatic				Y	6E-06		2
Story2	W1	LinStatic				Y	0.000246		2
Story2	W2	LinStatic				Y	0.000188		2
Story2	SX-UMBRAL	LinRespSpec	Max			X	0.00043		2
Story2	SY-UMBRAL	LinRespSpec	Max			X	0.000239		2
Story2	SY-UMBRAL	LinRespSpec	Max			Y	0.000133		1
Story2	SX-UMBRAL-EST	LinStatic				X	0.000482		2
Story2	SY-UMBRAL-EST	LinStatic				Y	0.000158		1
Story2	ELS 1.0D	Combination				X	1.2E-05		1
Story2	ELS 1.0D	Combination				Y	1E-05		2
Story2	ELS 1.0D+1.0L	Combination				X	1.8E-05		1
Story2	ELS 1.0D+1.0L	Combination				Y	1.3E-05		2
Story2	ELS 1.0D+0.75L	Combination				X	1.7E-05		1
Story2	ELS 1.0D+0.75L	Combination				Y	1.2E-05		2
Story2	ELS 1.0D+0.7SX	Combination	Max			X	0.001113		2
Story2	ELS 1.0D+0.7SX	Combination	Min			X	0.001119		2
Story2	ELS 1.0D+0.7SY	Combination	Max			X	0.000578		2
Story2	ELS 1.0D+0.7SY	Combination	Max			Y	0.000449		2
Story2	ELS 1.0D+0.7SY	Combination	Min			X	0.000584		2
Story2	ELS 1.0D+0.7SY	Combination	Min			Y	0.000432		1
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max			X	0.000833		2
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min			X	0.000842		2
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max			X	0.000432		2
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max			Y	0.000342		2
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min			X	0.00044		2
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min			Y	0.000319		1
Story2	ELS 0.6D+0.7SX	Combination	Max			X	0.001114		2
Story2	ELS 0.6D+0.7SX	Combination	Min			X	0.001118		2
Story2	ELS 0.6D+0.7SY	Combination	Max			X	0.00058		2
Story2	ELS 0.6D+0.7SY	Combination	Max			Y	0.000445		2
Story2	ELS 0.6D+0.7SY	Combination	Min			X	0.000583		2
Story2	ELS 0.6D+0.7SY	Combination	Min			Y	0.000435		1
Story2	ELU 1.4D	Combination				X	1.7E-05		1
Story2	ELU 1.4D	Combination				Y	1.3E-05		2
Story2	ELU 1.2D+1.6L	Combination				X	2.5E-05		1
Story2	ELU 1.2D+1.6L	Combination				Y	1.7E-05		2
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			X	0.001838		2
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			Y	0.000228		2

Analysis Results

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			X	0.001849		2
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			Y	0.0002		1
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			X	0.001303		2
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			Y	0.000651		2
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			X	0.001314		2
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			Y	0.000623		1
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			X	0.001838		2
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			Y	0.000228		2
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			X	0.001849		2
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			Y	0.0002		1
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			X	0.001303		2
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			Y	0.000651		2
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			X	0.001314		2
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			Y	0.000623		1
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			X	0.001838		2
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			Y	0.000228		2
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			X	0.001849		2
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			Y	0.0002		1
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			X	0.001303		2
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			Y	0.000651		2
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			X	0.001314		2
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			Y	0.000623		1
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			X	0.001838		2
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			Y	0.000228		2
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			X	0.001849		2
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			Y	0.0002		1
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			X	0.001303		2
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			Y	0.000651		2
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			X	0.001314		2
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			Y	0.000623		1
Story2	ELU 0.9D	Combination				X	1.1E-05		1
Story2	ELU 0.9D	Combination				Y	9E-06		2
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max			X	0.001841		2
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max			Y	0.000222		2
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min			X	0.001846		2
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min			Y	0.000206		1
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max			X	0.001306		2
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max			Y	0.000644		2
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min			X	0.001312		2
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min			Y	0.000629		1
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max			X	0.001841		2
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max			Y	0.000222		2
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min			X	0.001846		2
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min			Y	0.000206		1
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max			X	0.001306		2
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max			Y	0.000644		2
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min			X	0.001312		2
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min			Y	0.000629		1
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max			X	0.001841		2
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max			Y	0.000222		2
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min			X	0.001846		2
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min			Y	0.000206		1
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max			X	0.001306		2
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max			Y	0.000644		2
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min			X	0.001312		2
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min			Y	0.000629		1
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max			X	0.001841		2
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max			Y	0.000222		2
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min			X	0.001846		2
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min			Y	0.000206		1

Analysis Results

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max			X	0.001306		2
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max			Y	0.000644		2
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min			X	0.001312		2
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min			Y	0.000629		1
Story2	CIM 1.0D	Combination				X	1.2E-05		1
Story2	CIM 1.0D	Combination				Y	1E-05		2
Story2	CIM 1.0D+1.0L	Combination				X	1.8E-05		1
Story2	CIM 1.0D+1.0L	Combination				Y	1.3E-05		2
Story2	CIM 0,6D	Combination				X	7E-06		1
Story2	CIM 0,6D	Combination				Y	6E-06		2
Story2	CIM 0,6D+0.7SX	Combination	Max			X	0.001114		2
Story2	CIM 0,6D+0.7SX	Combination	Min			X	0.001118		2
Story2	CIM 0,6D+0.7SY	Combination	Max			X	0.00058		2
Story2	CIM 0,6D+0.7SY	Combination	Max			Y	0.000445		2
Story2	CIM 0,6D+0.7SY	Combination	Min			X	0.000583		2
Story2	CIM 0,6D+0.7SY	Combination	Min			Y	0.000435		1
Story2	CIM 1.0D+0.7SX	Combination	Max			X	0.001113		2
Story2	CIM 1.0D+0.7SX	Combination	Min			X	0.001119		2
Story2	CIM 1.0D+0.7SY	Combination	Max			X	0.000578		2
Story2	CIM 1.0D+0.7SY	Combination	Max			Y	0.000449		2
Story2	CIM 1.0D+0.7SY	Combination	Min			X	0.000584		2
Story2	CIM 1.0D+0.7SY	Combination	Min			Y	0.000432		1
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max			X	0.000793		2
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min			X	0.000802		2
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max			X	0.000411		2
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max			Y	0.000326		2
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min			X	0.00042		2
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min			Y	0.000304		1
Story2	DES 1.0D+1.0SX	Combination	Max			X	0.001591		2
Story2	DES 1.0D+1.0SX	Combination	Min			X	0.001597		2
Story2	DES 1.0D+1.0SY	Combination	Max			X	0.000828		2
Story2	DES 1.0D+1.0SY	Combination	Max			Y	0.000638		2
Story2	DES 1.0D+1.0SY	Combination	Min			X	0.000834		2
Story2	DES 1.0D+1.0SY	Combination	Min			Y	0.00062		1
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max			X	0.001191		2
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min			X	0.0012		2
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max			X	0.000618		2
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max			Y	0.000483		2
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min			X	0.000627		2
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min			Y	0.000461		1
Story2	DES 0.6D+1.0SX	Combination	Max			X	0.001593		2
Story2	DES 0.6D+1.0SX	Combination	Min			X	0.001596		2
Story2	DES 0.6D+1.0SY	Combination	Max			X	0.000829		2
Story2	DES 0.6D+1.0SY	Combination	Max			Y	0.000634		2
Story2	DES 0.6D+1.0SY	Combination	Min			X	0.000832		2
Story2	DES 0.6D+1.0SY	Combination	Min			Y	0.000624		1
Story2	ELS 1.0D+1.0W1	Combination				Y	0.000255		2
Story2	ELS 1.0D+1.0W2	Combination				Y	0.00018		1
Story2	ELS 1.0D+0.75W1+0.75L	Combination				Y	0.000196		2
Story2	ELS 1.0D+0.75W2+0.75L	Combination				Y	0.000131		1
Story2	ELS 0.6D+1.0W1	Combination				Y	0.000251		2
Story2	ELS 0.6D+1.0W2	Combination				Y	0.000183		1
Story2	ELU 1.2D+0.8W1	Combination				Y	0.000208		2
Story2	ELU 1.2D+0.8W2	Combination				Y	0.000141		1
Story2	ELU 0.9D+1.6W1	Combination				Y	0.000401		2
Story2	ELU 0.9D+1.6W2	Combination				Y	0.000294		1
Story2	ELU 1.2D+1.6W1+1.0L	Combination				Y	0.000408		2
Story2	ELU 1.2D+1.6W2+1.0L	Combination				Y	0.000288		1

Analysis Results

Table 3.2 - Story Drifts (Part 2 of 2)

[illegible]

Analysis Results

Story	X m	Y m	Z m
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	1.675	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	1.675	5.49
Story3	2.183	1.675	5.49
Story3	2.183	1.675	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	4.83	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	0	5.49
Story3	2.183	1.675	5.49
Story3	2.183	4.83	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	5.23	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	0	5.49
Story3	2.183	1.675	5.49
Story3	2.183	4.83	5.49
Story3	2.183	0	5.49

Analysis Results

[illegible]

Analysis Results

Story	X m	Y m	Z m
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14

Analysis Results

Story	X m	Y m	Z m
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14

Analysis Results

Story	X m	Y m	Z m
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14
Story2	2.183	0	4.14
Story2	2.183	6.409	4.14

Table 3.3 - Story Forces (Part 1 of 2)

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Top	Dead	LinStatic				1.67	0
Story3	Bottom	Dead	LinStatic				1.79	0.06
Story3	Top	Live	LinStatic				2.24	0
Story3	Bottom	Live	LinStatic				1.12	0.05
Story3	Top	SX	LinRespSpec	Max			0	3.65
Story3	Bottom	SX	LinRespSpec	Max			0.4	3.35
Story3	Top	SY	LinRespSpec	Max			0	0.32
Story3	Bottom	SY	LinRespSpec	Max			0.03	0.3
Story3	Top	SXEST	LinStatic				0	-4.53
Story3	Bottom	SXEST	LinStatic				-0.5	-4.16
Story3	Top	SYEST	LinStatic				0	0
Story3	Bottom	SYEST	LinStatic				0.001398	-0.0001718
Story3	Top	DS	LinStatic				3.62	0
Story3	Bottom	DS	LinStatic				1.81	0.08
Story3	Top	W1	LinStatic				2.24	0
Story3	Bottom	W1	LinStatic				1.12	0.05
Story3	Top	W2	LinStatic				-2.53	0
Story3	Bottom	W2	LinStatic				-1.27	-0.05
Story3	Top	SX-UMBRAL	LinRespSpec	Max			0	0.98
Story3	Bottom	SX-UMBRAL	LinRespSpec	Max			0.11	0.9
Story3	Top	SY-UMBRAL	LinRespSpec	Max			0	0.09
Story3	Bottom	SY-UMBRAL	LinRespSpec	Max			0.01	0.09
Story3	Top	SX-UMBRAL-EST	LinStatic				0	-1.09
Story3	Bottom	SX-UMBRAL-EST	LinStatic				-0.12	-1
Story3	Top	SY-UMBRAL-EST	LinStatic				0	0
Story3	Bottom	SY-UMBRAL-EST	LinStatic				0.0003356	0
Story3	Top	ELS 1.0D	Combination				5.28	0
Story3	Bottom	ELS 1.0D	Combination				3.61	0.13
Story3	Top	ELS 1.0D+1.0L	Combination				7.52	0
Story3	Bottom	ELS 1.0D+1.0L	Combination				4.73	0.18
Story3	Top	ELS 1.0D+0.75L	Combination				6.96	0
Story3	Bottom	ELS 1.0D+0.75L	Combination				4.45	0.17
Story3	Top	ELS 1.0D+0.7SX	Combination	Max			5.28	2.56
Story3	Bottom	ELS 1.0D+0.7SX	Combination	Max			3.89	2.48
Story3	Top	ELS 1.0D+0.7SX	Combination	Min			5.28	-2.56
Story3	Bottom	ELS 1.0D+0.7SX	Combination	Min			3.33	-2.21
Story3	Top	ELS 1.0D+0.7SY	Combination	Max			5.28	0.23
Story3	Bottom	ELS 1.0D+0.7SY	Combination	Max			3.63	0.34
Story3	Top	ELS 1.0D+0.7SY	Combination	Min			5.28	-0.23

Analysis Results

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Bottom	ELS 1.0D+0.7SY	Combination	Min			3.58	-0.08
Story3	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max			6.96	1.92
Story3	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max			4.66	1.93
Story3	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min			6.96	-1.92
Story3	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min			4.24	-1.59
Story3	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max			6.96	0.17
Story3	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max			4.47	0.33
Story3	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min			6.96	-0.17
Story3	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min			4.43	0.01
Story3	Top	ELS 0.6D+0.7SX	Combination	Max			3.17	2.56
Story3	Bottom	ELS 0.6D+0.7SX	Combination	Max			2.44	2.43
Story3	Top	ELS 0.6D+0.7SX	Combination	Min			3.17	-2.56
Story3	Bottom	ELS 0.6D+0.7SX	Combination	Min			1.88	-2.27
Story3	Top	ELS 0.6D+0.7SY	Combination	Max			3.17	0.23
Story3	Bottom	ELS 0.6D+0.7SY	Combination	Max			2.19	0.29
Story3	Top	ELS 0.6D+0.7SY	Combination	Min			3.17	-0.23
Story3	Bottom	ELS 0.6D+0.7SY	Combination	Min			2.14	-0.13
Story3	Top	ELU 1.4D	Combination				7.4	0
Story3	Bottom	ELU 1.4D	Combination				5.05	0.19
Story3	Top	ELU 1.2D+1.6L	Combination				9.92	0
Story3	Bottom	ELU 1.2D+1.6L	Combination				6.12	0.24
Story3	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			8.58	3.75
Story3	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			5.86	3.65
Story3	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			8.58	-3.75
Story3	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			5.04	-3.23
Story3	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			8.58	1.42
Story3	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			5.6	1.52
Story3	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			8.58	-1.42
Story3	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			5.3	-1.1
Story3	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			8.58	3.75
Story3	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			5.86	3.65
Story3	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			8.58	-3.75
Story3	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			5.04	-3.23
Story3	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			8.58	1.42
Story3	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			5.6	1.52
Story3	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			8.58	-1.42
Story3	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			5.3	-1.1
Story3	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			8.58	3.75
Story3	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			5.86	3.65
Story3	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			8.58	-3.75
Story3	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			5.04	-3.23
Story3	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			8.58	1.42
Story3	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			5.6	1.52
Story3	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			8.58	-1.42
Story3	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			5.3	-1.1
Story3	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			8.58	3.75
Story3	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			5.86	3.65
Story3	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			8.58	-3.75
Story3	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			5.04	-3.23
Story3	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			8.58	1.42
Story3	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			5.6	1.52
Story3	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			8.58	-1.42
Story3	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			5.3	-1.1
Story3	Top	ELU 0.9D	Combination				4.75	0
Story3	Bottom	ELU 0.9D	Combination				3.25	0.12
Story3	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max			4.75	3.75
Story3	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max			3.65	3.56
Story3	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min			4.75	-3.75
Story3	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min			2.84	-3.32
Story3	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max			4.75	1.42

Analysis Results

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max			3.4	1.43
Story3	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min			4.75	-1.42
Story3	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min			3.09	-1.18
Story3	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max			4.75	3.75
Story3	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max			3.65	3.56
Story3	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min			4.75	-3.75
Story3	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min			2.84	-3.32
Story3	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max			4.75	1.42
Story3	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max			3.4	1.43
Story3	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min			4.75	-1.42
Story3	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min			3.09	-1.18
Story3	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max			4.75	3.75
Story3	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max			3.65	3.56
Story3	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min			4.75	-3.75
Story3	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min			2.84	-3.32
Story3	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max			4.75	1.42
Story3	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max			3.4	1.43
Story3	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min			4.75	-1.42
Story3	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min			3.09	-1.18
Story3	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max			4.75	3.75
Story3	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max			3.65	3.56
Story3	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min			4.75	-3.75
Story3	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min			2.84	-3.32
Story3	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max			4.75	1.42
Story3	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max			3.4	1.43
Story3	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min			4.75	-1.42
Story3	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min			3.09	-1.18
Story3	Top	CIM 1.0D	Combination				5.28	0
Story3	Bottom	CIM 1.0D	Combination				3.61	0.13
Story3	Top	CIM 1.0D+1.0L	Combination				7.52	0
Story3	Bottom	CIM 1.0D+1.0L	Combination				4.73	0.18
Story3	Top	CIM 0,6D	Combination				3.17	0
Story3	Bottom	CIM 0,6D	Combination				2.16	0.08
Story3	Top	CIM 0,6D+0.7SX	Combination	Max			3.17	2.56
Story3	Bottom	CIM 0,6D+0.7SX	Combination	Max			2.44	2.43
Story3	Top	CIM 0,6D+0.7SX	Combination	Min			3.17	-2.56
Story3	Bottom	CIM 0,6D+0.7SX	Combination	Min			1.88	-2.27
Story3	Top	CIM 0,6D+0.7SY	Combination	Max			3.17	0.23
Story3	Bottom	CIM 0,6D+0.7SY	Combination	Max			2.19	0.29
Story3	Top	CIM 0,6D+0.7SY	Combination	Min			3.17	-0.23
Story3	Bottom	CIM 0,6D+0.7SY	Combination	Min			2.14	-0.13
Story3	Top	CIM 1.0D+0.7SX	Combination	Max			5.28	2.56
Story3	Bottom	CIM 1.0D+0.7SX	Combination	Max			3.89	2.48
Story3	Top	CIM 1.0D+0.7SX	Combination	Min			5.28	-2.56
Story3	Bottom	CIM 1.0D+0.7SX	Combination	Min			3.33	-2.21
Story3	Top	CIM 1.0D+0.7SY	Combination	Max			5.28	0.23
Story3	Bottom	CIM 1.0D+0.7SY	Combination	Max			3.63	0.34
Story3	Top	CIM 1.0D+0.7SY	Combination	Min			5.28	-0.23
Story3	Bottom	CIM 1.0D+0.7SY	Combination	Min			3.58	-0.08
Story3	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max			6.96	1.83
Story3	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max			4.65	1.85
Story3	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min			6.96	-1.83
Story3	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min			4.25	-1.51
Story3	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max			6.96	0.16
Story3	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max			4.46	0.32
Story3	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min			6.96	-0.16
Story3	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min			4.43	0.02
Story3	Top	DES 1.0D+1.0SX	Combination	Max			5.28	3.65
Story3	Bottom	DES 1.0D+1.0SX	Combination	Max			4.01	3.49
Story3	Top	DES 1.0D+1.0SX	Combination	Min			5.28	-3.65

Analysis Results

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Bottom	DES 1.0D+1.0SX	Combination	Min			3.21	-3.22
Story3	Top	DES 1.0D+1.0SY	Combination	Max			5.28	0.32
Story3	Bottom	DES 1.0D+1.0SY	Combination	Max			3.64	0.43
Story3	Top	DES 1.0D+1.0SY	Combination	Min			5.28	-0.32
Story3	Bottom	DES 1.0D+1.0SY	Combination	Min			3.57	-0.17
Story3	Top	DES 1.0D+0.75L+0.75SX	Combination	Max			6.96	2.74
Story3	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max			4.75	2.69
Story3	Top	DES 1.0D+0.75L+0.75SX	Combination	Min			6.96	-2.74
Story3	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min			4.15	-2.34
Story3	Top	DES 1.0D+0.75L+0.75SY	Combination	Max			6.96	0.24
Story3	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max			4.47	0.4
Story3	Top	DES 1.0D+0.75L+0.75SY	Combination	Min			6.96	-0.24
Story3	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min			4.42	-0.05
Story3	Top	DES 0.6D+1.0SX	Combination	Max			3.17	3.65
Story3	Bottom	DES 0.6D+1.0SX	Combination	Max			2.56	3.43
Story3	Top	DES 0.6D+1.0SX	Combination	Min			3.17	-3.65
Story3	Bottom	DES 0.6D+1.0SX	Combination	Min			1.76	-3.27
Story3	Top	DES 0.6D+1.0SY	Combination	Max			3.17	0.32
Story3	Bottom	DES 0.6D+1.0SY	Combination	Max			2.2	0.38
Story3	Top	DES 0.6D+1.0SY	Combination	Min			3.17	-0.32
Story3	Bottom	DES 0.6D+1.0SY	Combination	Min			2.13	-0.22
Story3	Top	ELS 1.0D+1.0W1	Combination				7.52	0
Story3	Bottom	ELS 1.0D+1.0W1	Combination				4.73	0.18
Story3	Top	ELS 1.0D+1.0W2	Combination				2.76	0
Story3	Bottom	ELS 1.0D+1.0W2	Combination				2.34	0.08
Story3	Top	ELS 1.0D+0.75W1+0.75L	Combination				8.64	0
Story3	Bottom	ELS 1.0D+0.75W1+0.75L	Combination				5.29	0.21
Story3	Top	ELS 1.0D+0.75W2+0.75L	Combination				5.07	0
Story3	Bottom	ELS 1.0D+0.75W2+0.75L	Combination				3.5	0.13
Story3	Top	ELS 0.6D+1.0W1	Combination				5.41	0
Story3	Bottom	ELS 0.6D+1.0W1	Combination				3.29	0.13
Story3	Top	ELS 0.6D+1.0W2	Combination				0.64	0
Story3	Bottom	ELS 0.6D+1.0W2	Combination				0.9	0.03
Story3	Top	ELU 1.2D+0.8W1	Combination				8.13	0
Story3	Bottom	ELU 1.2D+0.8W1	Combination				5.23	0.2
Story3	Top	ELU 1.2D+0.8W2	Combination				4.32	0
Story3	Bottom	ELU 1.2D+0.8W2	Combination				3.31	0.12
Story3	Top	ELU 0.9D+1.6W1	Combination				8.34	0
Story3	Bottom	ELU 0.9D+1.6W1	Combination				5.04	0.19
Story3	Top	ELU 0.9D+1.6W2	Combination				0.71	0
Story3	Bottom	ELU 0.9D+1.6W2	Combination				1.22	0.04
Story3	Top	ELU 1.2D+1.6W1+1.0L	Combination				12.16	0
Story3	Bottom	ELU 1.2D+1.6W1+1.0L	Combination				7.25	0.28
Story3	Top	ELU 1.2D+1.6W2+1.0L	Combination				4.54	0
Story3	Bottom	ELU 1.2D+1.6W2+1.0L	Combination				3.42	0.13

Table 3.3 - Story Forces (Part 2 of 2)

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Top	0	0	4.77	-14.6
Story3	Bottom	0.001798	-0.15	5.31	-4.08
Story3	Top	0	0	5.82	-19.61
Story3	Bottom	0.01	-0.04	2.91	-2.61
Story3	Top	0.23	11.73	0	0
Story3	Bottom	0.2	10.58	1.47	0.7
Story3	Top	4.76	51.92	0	0
Story3	Bottom	2.86	19.71	4.65	0.06
Story3	Top	0	12.39	0	0
Story3	Bottom	0.07	12.25	-1.59	0.87

Analysis Results

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Top	-4.53	-39.92	0	0
Story3	Bottom	-3.04	-16.72	4.76	-0.02
Story3	Top	0	0	9.4	-31.68
Story3	Bottom	0.01	-0.07	4.69	-4.22
Story3	Top	0	0	5.82	-19.61
Story3	Bottom	-2.43	-13.48	6.01	-2.62
Story3	Top	0	0	-6.56	22.12
Story3	Bottom	1.85	10.28	-5.64	2.95
Story3	Top	0.06	3.16	0	0
Story3	Bottom	0.05	2.85	0.4	0.19
Story3	Top	1.35	14.96	0	0
Story3	Bottom	0.78	5.67	1.3	0.02
Story3	Top	0	2.97	0	0
Story3	Bottom	0.02	2.94	-0.38	0.21
Story3	Top	-1.09	-9.58	0	0
Story3	Bottom	-0.73	-4.01	1.14	-0.004822
Story3	Top	0	0	14.17	-46.28
Story3	Bottom	0.01	-0.22	10	-8.3
Story3	Top	0	0	19.99	-65.89
Story3	Bottom	0.02	-0.27	12.91	-10.91
Story3	Top	0	0	18.53	-60.98
Story3	Bottom	0.02	-0.26	12.18	-10.26
Story3	Top	0.16	8.21	14.17	-46.28
Story3	Bottom	0.15	7.18	11.03	-7.81
Story3	Top	-0.16	-8.21	14.17	-46.28
Story3	Bottom	-0.13	-7.63	8.97	-8.79
Story3	Top	3.33	36.34	14.17	-46.28
Story3	Bottom	2.02	13.57	13.26	-8.26
Story3	Top	-3.33	-36.34	14.17	-46.28
Story3	Bottom	-1.99	-14.02	6.75	-8.34
Story3	Top	0.12	6.16	18.53	-60.98
Story3	Bottom	0.12	5.3	12.96	-9.89
Story3	Top	-0.12	-6.16	18.53	-60.98
Story3	Bottom	-0.09	-5.81	11.41	-10.62
Story3	Top	2.5	27.26	18.53	-60.98
Story3	Bottom	1.52	10.09	14.62	-10.23
Story3	Top	-2.5	-27.26	18.53	-60.98
Story3	Bottom	-1.49	-10.6	9.74	-10.29
Story3	Top	0.16	8.21	8.5	-27.77
Story3	Bottom	0.15	7.27	7.03	-4.49
Story3	Top	-0.16	-8.21	8.5	-27.77
Story3	Bottom	-0.13	-7.54	4.97	-5.47
Story3	Top	3.33	36.34	8.5	-27.77
Story3	Bottom	2.01	13.66	9.26	-4.94
Story3	Top	-3.33	-36.34	8.5	-27.77
Story3	Bottom	-2	-13.93	2.75	-5.02
Story3	Top	0	0	19.84	-64.79
Story3	Bottom	0.02	-0.31	14.01	-11.62
Story3	Top	0	0	26.31	-86.91
Story3	Bottom	0.02	-0.34	16.65	-14.13
Story3	Top	1.66	27.31	22.82	-75.14
Story3	Bottom	1.08	16.18	17.78	-11.85
Story3	Top	-1.66	-27.31	22.82	-75.14
Story3	Bottom	-1.04	-16.8	12.04	-13.29
Story3	Top	4.83	55.44	22.82	-75.14
Story3	Bottom	2.94	22.57	20	-12.3
Story3	Top	-4.83	-55.44	22.82	-75.14
Story3	Bottom	-2.9	-23.19	9.82	-12.84
Story3	Top	1.66	27.31	22.82	-75.14
Story3	Bottom	1.08	16.18	17.78	-11.85

Analysis Results

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Top	-1.66	-27.31	22.82	-75.14
Story3	Bottom	-1.04	-16.8	12.04	-13.29
Story3	Top	4.83	55.44	22.82	-75.14
Story3	Bottom	2.94	22.57	20	-12.3
Story3	Top	-4.83	-55.44	22.82	-75.14
Story3	Bottom	-2.9	-23.19	9.82	-12.84
Story3	Top	1.66	27.31	22.82	-75.14
Story3	Bottom	1.08	16.18	17.78	-11.85
Story3	Top	-1.66	-27.31	22.82	-75.14
Story3	Bottom	-1.04	-16.8	12.04	-13.29
Story3	Top	4.83	55.44	22.82	-75.14
Story3	Bottom	2.94	22.57	20	-12.3
Story3	Top	-4.83	-55.44	22.82	-75.14
Story3	Bottom	-2.9	-23.19	9.82	-12.84
Story3	Top	1.66	27.31	22.82	-75.14
Story3	Bottom	1.08	16.18	17.78	-11.85
Story3	Top	-1.66	-27.31	22.82	-75.14
Story3	Bottom	-1.04	-16.8	12.04	-13.29
Story3	Top	4.83	55.44	22.82	-75.14
Story3	Bottom	2.94	22.57	20	-12.3
Story3	Top	-4.83	-55.44	22.82	-75.14
Story3	Bottom	-2.9	-23.19	9.82	-12.84
Story3	Top	0	0	12.75	-41.65
Story3	Bottom	0.01	-0.2	9	-7.47
Story3	Top	1.66	27.31	12.75	-41.65
Story3	Bottom	1.07	16.29	11.87	-6.75
Story3	Top	-1.66	-27.31	12.75	-41.65
Story3	Bottom	-1.05	-16.69	6.14	-8.19
Story3	Top	4.83	55.44	12.75	-41.65
Story3	Bottom	2.93	22.68	14.09	-7.2
Story3	Top	-4.83	-55.44	12.75	-41.65
Story3	Bottom	-2.91	-23.08	3.91	-7.74
Story3	Top	1.66	27.31	12.75	-41.65
Story3	Bottom	1.07	16.29	11.87	-6.75
Story3	Top	-1.66	-27.31	12.75	-41.65
Story3	Bottom	-1.05	-16.69	6.14	-8.19
Story3	Top	4.83	55.44	12.75	-41.65
Story3	Bottom	2.93	22.68	14.09	-7.2
Story3	Top	-4.83	-55.44	12.75	-41.65
Story3	Bottom	-2.91	-23.08	3.91	-7.74
Story3	Top	1.66	27.31	12.75	-41.65
Story3	Bottom	1.07	16.29	11.87	-6.75
Story3	Top	-1.66	-27.31	12.75	-41.65
Story3	Bottom	-1.05	-16.69	6.14	-8.19
Story3	Top	4.83	55.44	12.75	-41.65
Story3	Bottom	2.93	22.68	14.09	-7.2
Story3	Top	-4.83	-55.44	12.75	-41.65
Story3	Bottom	-2.91	-23.08	3.91	-7.74
Story3	Top	1.66	27.31	12.75	-41.65
Story3	Bottom	1.07	16.29	11.87	-6.75
Story3	Top	-1.66	-27.31	12.75	-41.65
Story3	Bottom	-1.05	-16.69	6.14	-8.19
Story3	Top	4.83	55.44	12.75	-41.65
Story3	Bottom	2.93	22.68	14.09	-7.2
Story3	Top	-4.83	-55.44	12.75	-41.65
Story3	Bottom	-2.91	-23.08	3.91	-7.74
Story3	Top	0	0	14.17	-46.28
Story3	Bottom	0.01	-0.22	10	-8.3
Story3	Top	0	0	19.99	-65.89
Story3	Bottom	0.02	-0.27	12.91	-10.91

Analysis Results

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Top	0	0	8.5	-27.77
Story3	Bottom	0.01	-0.13	6	-4.98
Story3	Top	0.16	8.21	8.5	-27.77
Story3	Bottom	0.15	7.27	7.03	-4.49
Story3	Top	-0.16	-8.21	8.5	-27.77
Story3	Bottom	-0.13	-7.54	4.97	-5.47
Story3	Top	3.33	36.34	8.5	-27.77
Story3	Bottom	2.01	13.66	9.26	-4.94
Story3	Top	-3.33	-36.34	8.5	-27.77
Story3	Bottom	-2	-13.93	2.75	-5.02
Story3	Top	0.16	8.21	14.17	-46.28
Story3	Bottom	0.15	7.18	11.03	-7.81
Story3	Top	-0.16	-8.21	14.17	-46.28
Story3	Bottom	-0.13	-7.63	8.97	-8.79
Story3	Top	3.33	36.34	14.17	-46.28
Story3	Bottom	2.02	13.57	13.26	-8.26
Story3	Top	-3.33	-36.34	14.17	-46.28
Story3	Bottom	-1.99	-14.02	6.75	-8.34
Story3	Top	0.12	5.87	18.53	-60.98
Story3	Bottom	0.12	5.03	12.92	-9.91
Story3	Top	-0.12	-5.87	18.53	-60.98
Story3	Bottom	-0.08	-5.54	11.45	-10.61
Story3	Top	2.38	25.96	18.53	-60.98
Story3	Bottom	1.45	9.6	14.51	-10.23
Story3	Top	-2.38	-25.96	18.53	-60.98
Story3	Bottom	-1.41	-10.11	9.86	-10.29
Story3	Top	0.23	11.73	14.17	-46.28
Story3	Bottom	0.21	10.35	11.48	-7.6
Story3	Top	-0.23	-11.73	14.17	-46.28
Story3	Bottom	-0.19	-10.8	8.53	-9
Story3	Top	4.76	51.92	14.17	-46.28
Story3	Bottom	2.87	19.49	14.65	-8.24
Story3	Top	-4.76	-51.92	14.17	-46.28
Story3	Bottom	-2.85	-19.93	5.36	-8.36
Story3	Top	0.18	8.8	18.53	-60.98
Story3	Bottom	0.16	7.68	13.29	-9.73
Story3	Top	-0.18	-8.8	18.53	-60.98
Story3	Bottom	-0.13	-8.19	11.08	-10.78
Story3	Top	3.57	38.94	18.53	-60.98
Story3	Bottom	2.16	14.53	15.67	-10.21
Story3	Top	-3.57	-38.94	18.53	-60.98
Story3	Bottom	-2.13	-15.04	8.7	-10.3
Story3	Top	0.23	11.73	8.5	-27.77
Story3	Bottom	0.2	10.44	7.48	-4.28
Story3	Top	-0.23	-11.73	8.5	-27.77
Story3	Bottom	-0.19	-10.71	4.53	-5.68
Story3	Top	4.76	51.92	8.5	-27.77
Story3	Bottom	2.87	19.57	10.65	-4.92
Story3	Top	-4.76	-51.92	8.5	-27.77
Story3	Bottom	-2.86	-19.84	1.35	-5.04
Story3	Top	0	0	19.99	-65.89
Story3	Bottom	-2.42	-13.71	16.01	-10.91
Story3	Top	0	0	7.6	-24.15
Story3	Bottom	1.86	10.05	4.37	-5.35
Story3	Top	0	0	22.9	-75.69
Story3	Bottom	-1.81	-10.37	16.69	-12.22
Story3	Top	0	0	13.61	-44.39
Story3	Bottom	1.4	7.45	7.95	-8.04
Story3	Top	0	0	14.32	-47.38
Story3	Bottom	-2.43	-13.62	12.01	-7.6

Analysis Results

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Top	0	0	1.94	-5.64
Story3	Bottom	1.86	10.14	0.36	-2.03
Story3	Top	0	0	21.66	-71.22
Story3	Bottom	-1.93	-11.06	16.81	-12.05
Story3	Top	0	0	11.75	-37.83
Story3	Bottom	1.49	7.95	7.49	-7.6
Story3	Top	0	0	22.06	-73.03
Story3	Bottom	-3.88	-21.78	18.61	-11.65
Story3	Top	0	0	2.25	-6.25
Story3	Bottom	2.97	16.24	-0.02	-2.75
Story3	Top	0	0	32.13	-106.52
Story3	Bottom	-3.87	-21.89	24.52	-16.75
Story3	Top	0	0	12.32	-39.74
Story3	Bottom	2.98	16.13	5.89	-7.85

3.3 Modal Results

Table 3.4 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.463	2.16	13.5712	184.1779
Modal	2	0.257	3.886	24.4143	596.0605
Modal	3	0.165	6.056	38.0488	1447.7141
Modal	4	0.115	8.7	54.6614	2987.8633
Modal	5	0.114	8.755	55.0068	3025.7514
Modal	6	0.088	11.318	71.1125	5056.9938
Modal	7	0.066	15.082	94.7608	8979.6039
Modal	8	0.064	15.517	97.498	9505.8556
Modal	9	0.055	18.056	113.4479	12870.4279
Modal	10	0.052	19.402	121.9048	14860.7768
Modal	11	0.046	21.714	136.4361	18614.8148
Modal	12	0.035	28.466	178.857	31989.8159
Modal	13	0.026	38.555	242.2498	58684.9878
Modal	14	0.023	42.594	267.6288	71625.1582
Modal	15	0.019	52.88	332.2531	110392.0943
Modal	16	0.018	55.296	347.4353	120711.3171
Modal	17	0.016	60.927	382.8152	146547.4528
Modal	18	0.016	63.579	399.481	159585.0418
Modal	19	0.015	65.888	413.9874	171385.5949
Modal	20	0.015	67.229	422.4092	178429.4937
Modal	21	0.015	68.177	428.3711	183501.7788
Modal	22	0.015	68.353	429.473	184447.0166
Modal	23	0.014	69.043	433.8085	188189.8515
Modal	24	0.014	69.111	434.235	188560.0742
Modal	25	0.014	70.231	441.2738	194722.5546
Modal	26	0.014	70.797	444.8285	197872.3743
Modal	27	0.014	70.873	445.3057	198297.1632
Modal	28	0.014	71.057	446.4624	199328.662
Modal	29	0.014	71.483	449.1413	201727.8968
Modal	30	0.014	72.618	456.2745	208186.4629
Modal	31	0.014	73.41	461.2505	212751.9778
Modal	32	0.014	73.791	463.6453	214966.9358
Modal	33	0.013	74.618	468.8363	219807.4922
Modal	34	0.013	75.33	473.31	224022.3492
Modal	35	0.013	76.605	481.3254	231674.1632
Modal	36	0.013	78.327	492.1416	242203.3287
Modal	37	0.013	79.209	497.685	247690.394
Modal	38	0.013	79.625	500.2982	250298.328
Modal	39	0.012	80.674	506.8866	256934.058

Analysis Results

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	40	0.012	80.892	508.2622	258330.4465
Modal	41	0.012	82.297	517.0844	267376.3189
Modal	42	0.012	83.26	523.141	273676.4663
Modal	43	0.012	83.863	526.9254	277650.3888
Modal	44	0.012	84.132	528.6176	279436.5409
Modal	45	0.012	86.177	541.4631	293182.3307
Modal	46	0.012	86.196	541.5832	293312.3519
Modal	47	0.01	95.988	603.1081	363739.4086
Modal	48	0.01	97.602	613.2498	376075.3394
Modal	49	0.01	97.993	615.7055	379093.2052
Modal	50	0.01	100.558	631.8228	399200.0476
Modal	51	0.01	103.471	650.1274	422665.6045
Modal	52	0.01	103.856	652.5481	425818.9745
Modal	53	0.01	104.721	657.9785	432935.7515
Modal	54	0.009	105.709	664.1882	441145.9755
Modal	55	0.009	112.352	705.9272	498333.1667
Modal	56	0.009	112.754	708.4513	501903.2975
Modal	57	0.009	115.72	727.0889	528658.2445
Modal	58	0.009	116.104	729.503	532174.6159
Modal	59	0.009	116.491	731.9334	535726.456
Modal	60	0.008	119.14	748.5807	560373.0971

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

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	1	0.463	0.0012	0.393	0	0.0012	0.393	0	0.7441	0.0018	0.5918
Modal	2	0.257	0.977	0.0012	0	0.9783	0.3943	0	0.0017	0.6961	1.145E-06
Modal	3	0.165	0.0008	0.1744	0	0.9791	0.5687	0	0.1117	2.344E-05	0.1773
Modal	4	0.115	0.0005	0.1905	0	0.9796	0.7592	0	0.0097	0.0003	0.2244
Modal	5	0.114	0.0004	0.2201	0	0.9799	0.9793	0	0.0092	0.0002	0.0008
Modal	6	0.088	2.935E-05	0.0189	0	0.98	0.9982	0	0.0124	0.0002	0.0012
Modal	7	0.066	0.019	0.0001	0	0.999	0.9983	0	0.0007	0.2576	0.0002
Modal	8	0.064	0.0006	0.0015	0	0.9995	0.9998	0	0.009	0.0081	0.0005
Modal	9	0.055	1.852E-05	1.054E-05	0	0.9995	0.9998	0	3.122E-06	0.0005	0.0027
Modal	10	0.052	2.894E-05	0.0001	0	0.9996	1	0	0.0055	0.0008	0.0007
Modal	11	0.046	1.031E-06	2.266E-05	0	0.9996	1	0	0.0011	3.448E-05	6.833E-07
Modal	12	0.035	0.0003	9.104E-07	0	0.9998	1	0	1.518E-05	0.0133	0.0003
Modal	13	0.026	0.0001	9.155E-07	0	0.9999	1	0	0.014	0.0039	1.442E-05
Modal	14	0.023	3.454E-06	8.561E-07	0	0.9999	1	0	0.0803	0.0002	1.577E-06
Modal	15	0.019	0	0	0	0.9999	1	0	0	0	0
Modal	16	0.018	5.967E-07	0	0	0.9999	1	0	2.165E-06	0.0001	9.11E-06
Modal	17	0.016	4.023E-05	0	0	0.9999	1	0	4.553E-06	0.006	3.134E-06
Modal	18	0.016	0	0	0	0.9999	1	0	3.857E-05	0.0001	0
Modal	19	0.015	1.132E-06	0	0	0.9999	1	0	0	0.0001	0
Modal	20	0.015	1.377E-06	0	0	0.9999	1	0	4.149E-06	0.0002	0
Modal	21	0.015	3.157E-06	0	0	0.9999	1	0	1.356E-06	0.0004	0
Modal	22	0.015	3.921E-06	0	0	0.9999	1	0	1.24E-06	0.0005	0
Modal	23	0.014	0.0001	0	0	1	1	0	0.0001	0.0067	5.907E-07
Modal	24	0.014	6.393E-06	0	0	1	1	0	3.904E-05	0.0009	0
Modal	25	0.014	1.102E-06	0	0	1	1	0	9.301E-06	0.0001	0
Modal	26	0.014	1.208E-06	0	0	1	1	0	1.564E-05	0.0002	0
Modal	27	0.014	0	0	0	1	1	0	6.721E-06	2.877E-05	0
Modal	28	0.014	0	0	0	1	1	0	5.86E-07	1.064E-05	0
Modal	29	0.014	0	0	0	1	1	0	5.858E-06	0	0
Modal	30	0.014	0	0	0	1	1	0	4.442E-05	1.941E-06	0
Modal	31	0.014	0	0	0	1	1	0	1.616E-05	7.461E-06	0
Modal	32	0.014	0	0	0	1	1	0	8.67E-07	3.622E-05	0
Modal	33	0.013	0	0	0	1	1	0	0	4.579E-06	0
Modal	34	0.013	0	0	0	1	1	0	0	3.014E-06	0

Analysis Results

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	35	0.013	1.674E-06	0	0	1	1	0	0.0001	0.0002	0
Modal	36	0.013	0	0	0	1	1	0	2.096E-06	8.809E-06	0
Modal	37	0.013	0	0	0	1	1	0	1.553E-06	2.195E-06	0
Modal	38	0.013	0	0	0	1	1	0	0	2.929E-06	0
Modal	39	0.012	0	0	0	1	1	0	2.542E-05	0	0
Modal	40	0.012	9.538E-07	0	0	1	1	0	0	0.0001	0
Modal	41	0.012	0	0	0	1	1	0	0	0	0
Modal	42	0.012	0	0	0	1	1	0	0	0	0
Modal	43	0.012	1.178E-06	0	0	1	1	0	8.353E-06	0.0001	0
Modal	44	0.012	0	0	0	1	1	0	0	5.006E-07	0
Modal	45	0.012	5.309E-06	0	0	1	1	0	9.873E-07	0.0007	6.407E-07
Modal	46	0.012	0	0	0	1	1	0	3.236E-06	0.0001	0
Modal	47	0.01	0	0	0	1	1	0	0	0	0
Modal	48	0.01	0	0	0	1	1	0	1.835E-06	4.766E-06	0
Modal	49	0.01	0	0	0	1	1	0	0	5.186E-07	0
Modal	50	0.01	0	0	0	1	1	0	5.308E-07	0	0
Modal	51	0.01	0	0	0	1	1	0	1.201E-06	0	0
Modal	52	0.01	0	0	0	1	1	0	0	0.0001	0
Modal	53	0.01	0	0	0	1	1	0	7.645E-06	1.232E-05	0
Modal	54	0.009	0	0	0	1	1	0	0	0	0
Modal	55	0.009	5.699E-07	0	0	1	1	0	1.611E-05	0.0001	0
Modal	56	0.009	0	0	0	1	1	0	1.848E-05	4.883E-06	1.282E-06
Modal	57	0.009	0	0	0	1	1	0	6.519E-07	0	0
Modal	58	0.009	0	0	0	1	1	0	0	4.093E-05	0
Modal	59	0.009	0	0	0	1	1	0	3.251E-05	1.825E-05	2.629E-06
Modal	60	0.008	0	0	0	1	1	0	0.0001	1.413E-06	3.413E-06

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

Case	Mode	SumRX	SumRY	SumRZ
Modal	1	0.7441	0.0018	0.5918
Modal	2	0.7458	0.6979	0.5918
Modal	3	0.8575	0.6979	0.7691
Modal	4	0.8671	0.6982	0.9935
Modal	5	0.8763	0.6984	0.9943
Modal	6	0.8888	0.6986	0.9955
Modal	7	0.8895	0.9562	0.9957
Modal	8	0.8985	0.9643	0.9963
Modal	9	0.8985	0.9648	0.999
Modal	10	0.9039	0.9656	0.9997
Modal	11	0.905	0.9656	0.9997
Modal	12	0.9051	0.9789	1
Modal	13	0.919	0.9828	1
Modal	14	0.9993	0.983	1
Modal	15	0.9993	0.983	1
Modal	16	0.9994	0.9831	1
Modal	17	0.9994	0.9891	1
Modal	18	0.9994	0.9892	1
Modal	19	0.9994	0.9893	1
Modal	20	0.9994	0.9895	1
Modal	21	0.9994	0.9899	1
Modal	22	0.9994	0.9904	1
Modal	23	0.9995	0.9971	1
Modal	24	0.9995	0.998	1
Modal	25	0.9995	0.9981	1
Modal	26	0.9995	0.9983	1
Modal	27	0.9995	0.9983	1
Modal	28	0.9995	0.9983	1
Modal	29	0.9995	0.9983	1
Modal	30	0.9996	0.9983	1

Analysis Results

Case	Mode	SumRX	SumRY	SumRZ
Modal	31	0.9996	0.9983	1
Modal	32	0.9996	0.9983	1
Modal	33	0.9996	0.9983	1
Modal	34	0.9996	0.9983	1
Modal	35	0.9997	0.9986	1
Modal	36	0.9997	0.9986	1
Modal	37	0.9997	0.9986	1
Modal	38	0.9997	0.9986	1
Modal	39	0.9997	0.9986	1
Modal	40	0.9997	0.9987	1
Modal	41	0.9997	0.9987	1
Modal	42	0.9997	0.9987	1
Modal	43	0.9997	0.9988	1
Modal	44	0.9997	0.9988	1
Modal	45	0.9997	0.9995	1
Modal	46	0.9997	0.9996	1
Modal	47	0.9997	0.9996	1
Modal	48	0.9997	0.9996	1
Modal	49	0.9997	0.9996	1
Modal	50	0.9997	0.9996	1
Modal	51	0.9997	0.9996	1
Modal	52	0.9997	0.9997	1
Modal	53	0.9997	0.9997	1
Modal	54	0.9997	0.9997	1
Modal	55	0.9997	0.9998	1
Modal	56	0.9997	0.9998	1
Modal	57	0.9997	0.9998	1
Modal	58	0.9997	0.9998	1
Modal	59	0.9998	0.9998	1
Modal	60	0.9998	0.9998	1

Table 3.6 - Modal Load Participation Ratios

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

Table 3.7 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	0.463	0.002	0.866	0	0.132
Modal	2	0.257	0.996	0.002	0	0.002
Modal	3	0.165	0.005	0.544	0	0.451
Modal	4	0.115	0.003	0.283	0	0.714
Modal	5	0.114	0.002	0.36	0	0.638
Modal	6	0.088	0.001	0.237	0	0.762
Modal	7	0.066	0.87	0.003	0	0.127
Modal	8	0.064	0.161	0.219	0	0.619
Modal	9	0.055	0.001	0	0	0.999
Modal	10	0.052	0.019	0.124	0	0.857
Modal	11	0.046	0.011	0.342	0	0.647
Modal	12	0.035	0.041	0	0	0.959
Modal	13	0.026	0.004	0.013	0	0.983
Modal	14	0.023	0.003	0.837	0	0.16
Modal	15	0.019	0.002	0.005	0	0.993
Modal	16	0.018	0	0	0	1
Modal	17	0.016	0.01	0	0	0.99
Modal	18	0.016	0.038	0.018	0	0.943

Analysis Results

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	19	0.015	0.001	0	0	0.999
Modal	20	0.015	0.001	0	0	0.998
Modal	21	0.015	0.002	0	0	0.998
Modal	22	0.015	0.002	0	0	0.998
Modal	23	0.014	0.003	0	0	0.997
Modal	24	0.014	0.003	0	0	0.997
Modal	25	0.014	0.007	0	0	0.993
Modal	26	0.014	0.007	0.001	0	0.992
Modal	27	0.014	0.006	0.001	0	0.992
Modal	28	0.014	0.004	0	0	0.996
Modal	29	0.014	0.001	0.04	0	0.959
Modal	30	0.014	0.002	0.028	0	0.97
Modal	31	0.014	0	0.001	0	0.999
Modal	32	0.014	0.004	0	0	0.996
Modal	33	0.013	0	0	0	1
Modal	34	0.013	0.001	0	0	0.999
Modal	35	0.013	0.001	0	0	0.998
Modal	36	0.013	0.442	0.091	0	0.468
Modal	37	0.013	0.012	0.008	0	0.98
Modal	38	0.013	0.003	0	0	0.997
Modal	39	0.012	0	0.011	0	0.989
Modal	40	0.012	0.003	0	0	0.997
Modal	41	0.012	0	0	0	1
Modal	42	0.012	0	0	0	1
Modal	43	0.012	0	0	0	1
Modal	44	0.012	0.004	0.002	0	0.994
Modal	45	0.012	0.001	0	0	0.999
Modal	46	0.012	0	0	0	1
Modal	47	0.01	0	0.003	0	0.997
Modal	48	0.01	0	0	0	1
Modal	49	0.01	0	0	0	1
Modal	50	0.01	0	0.001	0	0.999
Modal	51	0.01	0	0	0	1
Modal	52	0.01	0.002	0	0	0.998
Modal	53	0.01	0.001	0	0	0.999
Modal	54	0.009	0	0	0	1
Modal	55	0.009	0	0	0	1
Modal	56	0.009	0	0	0	1
Modal	57	0.009	0	0	0	1
Modal	58	0.009	0	0	0	1
Modal	59	0.009	0	0	0	1
Modal	60	0.008	0	0	0	1