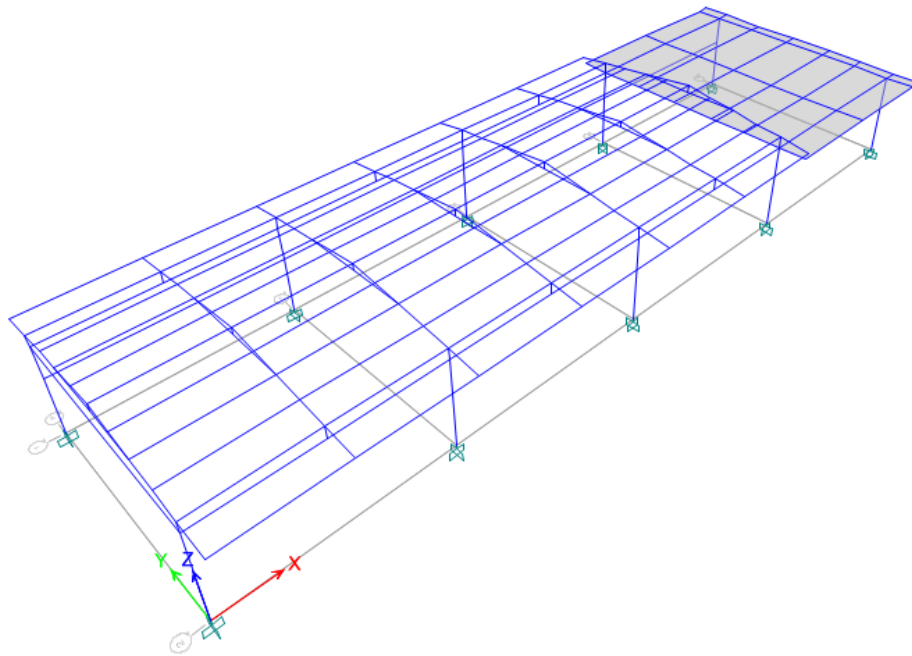




User Report 1

Model File: SECUNDARIA, Revision 0
2/07/2026

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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
97	Story3	B60	Beam	2.252		TUB100X100X3	TUB100X100X3	
98	Story3	B61	Beam	2.252		TUB100X100X3	TUB100X100X3	
100	Story3	B62	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
101	Story3	B63	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
108	Story3	B68	Beam	2.252		TUB100X100X3	TUB100X100X3	
109	Story3	B69	Beam	2.252		TUB100X100X3	TUB100X100X3	
111	Story3	B70	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
112	Story3	B71	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
119	Story3	B76	Beam	2.252		TUB100X100X3	TUB100X100X3	
120	Story3	B77	Beam	2.252		TUB100X100X3	TUB100X100X3	
122	Story3	B78	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
123	Story3	B79	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
130	Story3	B84	Beam	2.252		TUB100X100X3	TUB100X100X3	
131	Story3	B85	Beam	2.252		TUB100X100X3	TUB100X100X3	
133	Story3	B86	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
134	Story3	B87	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
141	Story3	B92	Beam	2.252		TUB100X100X3	TUB100X100X3	
142	Story3	B93	Beam	2.252		TUB100X100X3	TUB100X100X3	
144	Story3	B94	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
145	Story3	B95	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
152	Story3	B100	Beam	2.252		TUB100X100X3	TUB100X100X3	
153	Story3	B101	Beam	2.252		TUB100X100X3	TUB100X100X3	
155	Story3	B102	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
156	Story3	B103	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
163	Story3	B108	Beam	2.252		TUB100X100X3	TUB100X100X3	
164	Story3	B109	Beam	2.252		TUB100X100X3	TUB100X100X3	
166	Story3	B110	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
167	Story3	B111	Beam	1.3098		TUB 150X150X6MM	TUB 150X150X6MM	
34	Story3	B19	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
36	Story3	B22	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
37	Story3	B23	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
38	Story3	B24	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
41	Story3	B25	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
43	Story3	B26	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
45	Story3	B28	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
49	Story3	B29	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
50	Story3	B30	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
51	Story3	B112	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
52	Story3	B113	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
53	Story3	B114	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
54	Story3	B115	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
55	Story3	B116	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
57	Story3	B117	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
58	Story3	B118	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
59	Story3	B119	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
60	Story3	B120	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
61	Story3	B121	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
62	Story3	B122	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg
82	Story3	B123	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
84	Story3	B124	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
93	Story3	B125	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
95	Story3	B126	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
104	Story3	B127	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
106	Story3	B128	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
115	Story3	B129	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
117	Story3	B130	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
168	Story3	B139	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
169	Story3	B140	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
170	Story3	B141	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
171	Story3	B142	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
172	Story3	B143	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
173	Story3	B144	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
174	Story3	B145	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
175	Story3	B146	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
176	Story3	B147	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
177	Story3	B148	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
178	Story3	B149	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
179	Story3	B150	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
180	Story3	B151	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
181	Story3	B152	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
182	Story3	B153	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
183	Story3	B154	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
184	Story3	B155	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
185	Story3	B156	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
186	Story3	B157	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
187	Story3	B158	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
188	Story3	B159	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
189	Story3	B160	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
190	Story3	B161	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
191	Story3	B162	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
192	Story3	B163	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
193	Story3	B164	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
194	Story3	B165	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
195	Story3	B166	Beam	1.1344		TUB 150X150X6MM	TUB 150X150X6MM	
196	Story3	B167	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
197	Story3	B168	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
198	Story3	B169	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
199	Story3	B170	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
200	Story3	B171	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
201	Story3	B172	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
204	Story3	B175	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
205	Story3	B176	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
206	Story3	B177	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
207	Story3	B178	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
208	Story3	B179	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
209	Story3	B180	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
212	Story3	B183	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
213	Story3	B184	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
214	Story3	B185	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
215	Story3	B186	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
216	Story3	B187	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
217	Story3	B188	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
220	Story3	B191	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg
221	Story3	B192	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
222	Story3	B193	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
223	Story3	B194	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
224	Story3	B195	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
225	Story3	B196	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
228	Story3	B199	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
229	Story3	B200	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
230	Story3	B201	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
231	Story3	B202	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
232	Story3	B203	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
233	Story3	B204	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
236	Story3	B207	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
237	Story3	B208	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
238	Story3	B209	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
239	Story3	B210	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
241	Story3	B212	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
242	Story3	B213	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
245	Story3	B216	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
246	Story3	B217	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
247	Story3	B218	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
248	Story3	B219	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
249	Story3	B220	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
250	Story3	B221	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
253	Story3	B224	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
254	Story3	B225	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
255	Story3	B226	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
256	Story3	B227	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
257	Story3	B228	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
258	Story3	B229	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
261	Story3	B232	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
262	Story3	B233	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
263	Story3	B234	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
264	Story3	B235	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
265	Story3	B236	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
266	Story3	B237	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
269	Story3	B240	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
270	Story3	B241	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
271	Story3	B242	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
272	Story3	B243	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
273	Story3	B244	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
274	Story3	B245	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
277	Story3	B248	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
278	Story3	B249	Beam	4.1316		PHR 220X80X20X1.2MM	N/A	
279	Story3	B250	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
280	Story3	B251	Beam	4.1329		PHR 220X80X20X1.2MM	N/A	
281	Story3	B252	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
282	Story3	B253	Beam	4.1303		PHR 220X80X20X1.2MM	N/A	
91	Story3	C23	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
92	Story3	C24	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
99	Story3	C25	Column	0.2765		TUB100X100X3	TUB100X100X3	
102	Story3	C26	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
103	Story3	C27	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
110	Story3	C28	Column	0.2765		TUB100X100X3	TUB100X100X3	
113	Story3	C29	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
114	Story3	C30	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg
121	Story3	C31	Column	0.2765		TUB100X100X3	TUB100X100X3	
124	Story3	C32	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
125	Story3	C33	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
132	Story3	C34	Column	0.2765		TUB100X100X3	TUB100X100X3	
135	Story3	C35	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
136	Story3	C36	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
143	Story3	C37	Column	0.2765		TUB100X100X3	TUB100X100X3	
146	Story3	C38	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
147	Story3	C39	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
154	Story3	C40	Column	0.2765		TUB100X100X3	TUB100X100X3	
157	Story3	C41	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
158	Story3	C42	Column	0.447		TUB 150X150X6MM	TUB 150X150X6MM	
165	Story3	C43	Column	0.2765		TUB100X100X3	TUB100X100X3	
33	Story2	B9	Beam	9.0078		V30X40	V30X40	
64	Story2	B32	Beam	4.1316		V30X40	V30X40	
65	Story2	B33	Beam	4.1316		V30X40	V30X40	
66	Story2	B34	Beam	4.1329		V30X40	V30X40	
67	Story2	B35	Beam	4.1329		V30X40	V30X40	
68	Story2	B36	Beam	4.1303		V30X40	V30X40	
69	Story2	B37	Beam	4.1303		V30X40	V30X40	
72	Story2	B40	Beam	4.1316		V30X40	V30X40	
73	Story2	B41	Beam	4.1316		V30X40	V30X40	
74	Story2	B42	Beam	4.1329		V30X40	V30X40	
75	Story2	B43	Beam	4.1329		V30X40	V30X40	
76	Story2	B44	Beam	4.1303		V30X40	V30X40	
77	Story2	B45	Beam	4.1303		V30X40	V30X40	
27	Story2	B49	Beam	4.13		V30X60	V30X60	
28	Story2	B50	Beam	4.1332		V30X60	V30X60	
29	Story2	B74	Beam	4.13		V30X60	V30X60	
30	Story2	B80	Beam	4.1332		V30X60	V30X60	
40	Story2	B88	Beam	4.13		V20X60	V20X60	
42	Story2	B96	Beam	4.1332		V20X60	V20X60	
44	Story2	B98	Beam	1.9359		V30X60	V30X60	
46	Story2	B275	Beam	1.9359		V30X60	V30X60	
47	Story2	B276	Beam	1.9359		V30X60	V30X60	
48	Story2	B277	Beam	1.9359		V30X60	V30X60	
56	Story2	B278	Beam	1.9359		V30X60	V30X60	
63	Story2	B279	Beam	1.9359		V30X60	V30X60	
70	Story2	B280	Beam	1.9359		V20X60	V20X60	
71	Story2	B281	Beam	1.9359		V20X60	V20X60	
78	Story2	B282	Beam	1.9359		V20X60	V20X60	
81	Story2	B285	Beam	4.13		V20X60	V20X60	
83	Story2	B286	Beam	4.1332		V20X60	V20X60	
85	Story2	B287	Beam	4.13		V20X60	V20X60	
86	Story2	B288	Beam	4.1332		V20X60	V20X60	
87	Story2	B289	Beam	1.6		V30X60	V30X60	
88	Story2	B290	Beam	1.6		V30X60	V30X60	
89	Story2	B291	Beam	1.6		V30X60	V30X60	
90	Story2	B292	Beam	1.6		V30X60	V30X60	
94	Story2	B293	Beam	1.6		V20X60	V20X60	
96	Story2	B294	Beam	1.6		V20X60	V20X60	
107	Story2	B296	Beam	4.13		V20X60	V20X60	
116	Story2	B297	Beam	4.1332		V20X60	V20X60	
118	Story2	B298	Beam	1.2		V30X60	V30X60	
126	Story2	B299	Beam	1.2		V30X60	V30X60	

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg
127	Story2	B300	Beam	1.2		V30X60	V30X60	
128	Story2	B301	Beam	1.2		V30X60	V30X60	
129	Story2	B302	Beam	1.2		V20X60	V20X60	
137	Story2	B303	Beam	1.2		V20X60	V20X60	
138	Story2	B304	Beam	4.13		V20X60	V20X60	
139	Story2	B305	Beam	4.1332		V20X60	V20X60	
140	Story2	B306	Beam	4.13		V20X60	V20X60	
148	Story2	B307	Beam	4.1332		V20X60	V20X60	
150	Story2	B309	Beam	0.55		V20X60	V20X60	
151	Story2	B310	Beam	0.55		V20X60	V20X60	
159	Story2	B311	Beam	0.55		V20X60	V20X60	
160	Story2	B312	Beam	0.55		V20X60	V20X60	
161	Story2	B313	Beam	0.55		V20X60	V20X60	
162	Story2	B314	Beam	0.55		V20X60	V20X60	
202	Story2	B315	Beam	0.55		V30X60	V30X60	
203	Story2	B316	Beam	0.55		V30X60	V30X60	
210	Story2	B317	Beam	1.2		V20X60	V20X60	
211	Story2	B318	Beam	1.6		V20X60	V20X60	
218	Story2	B319	Beam	1.6		V20X60	V20X60	
219	Story2	B320	Beam	1.9359		V20X60	V20X60	
226	Story2	B321	Beam	1.9359		V20X60	V20X60	
227	Story2	B322	Beam	1.9359		V20X60	V20X60	
234	Story2	B323	Beam	1.2		V20X60	V20X60	
12	Story2	C2	Column	1.3		C45X45	C45X45	
14	Story2	C4	Column	1.3		C70X45	C70X45	
16	Story2	C6	Column	1.3		C70X45	C70X45	90
18	Story2	C8	Column	1.3		C70X45	C70X45	90
20	Story2	C10	Column	1.3		C70X45	C70X45	90
1	Story2	C14	Column	3.6		C45X45	C45X45	
3	Story2	C15	Column	3.6		C70X45	C70X45	
5	Story2	C16	Column	3.6		C70X45	C70X45	90
7	Story2	C17	Column	3.6		C70X45	C70X45	90
9	Story2	C18	Column	3.6		C70X45	C70X45	90
21	Story1	B1	Beam	8.2632		V30X40	V30X40	
22	Story1	B2	Beam	8.2658		V30X40	V30X40	
23	Story1	B3	Beam	8.2606		V30X40	V30X40	
24	Story1	B4	Beam	8.2632		V30X40	V30X40	
2	Story1	C2	Column	2.3		C45X45	C45X45	
4	Story1	C4	Column	2.3		C70X45	C70X45	
6	Story1	C6	Column	2.3		C70X45	C70X45	90
8	Story1	C8	Column	2.3		C70X45	C70X45	90
10	Story1	C10	Column	2.3		C70X45	C70X45	90

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

UniqueName	Max Station Spacing m	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
97		11									
98		11									
100		11									
101		11									
108		11									
109		11									

UniqueName	Max Station Spacing m	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
111		11									
112		11									
119		11									
120		11									
122		11									
123		11									
130		11									
131		11									
133		11									
134		11									
141		11									
142		11									
144		11									
145		11									
152		11									
153		11									
155		11									
156		11									
163		11									
164		11									
166		11									
167		11									
34		11									
36		11									
37		11									
38		11									
41		11									
43		11									
45		11									
49		11									
50		11									
51		11									
52		11									
53		11									
54		11									
55		11									
57		11									
58		11									
59		11									
60		11									
61		11									
62		11									
82		11									
84		11									
93		11									
95		11									
104		11									
106		11									
115		11									
117		11									
168		11									
169		11									
170		11									
171		11									

UniqueName	Max Station Spacing m	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
172		11									
173		11									
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									
188		11									
189		11									
190		11									
191		11									
192		11									
193		11									
194		11									
195		11									
196		11	Yes								
197		11	Yes								
198		11	Yes								
199		11	Yes								
200		11	Yes								
201		11	Yes								
204		11	Yes								
205		11	Yes								
206		11	Yes								
207		11	Yes								
208		11	Yes								
209		11	Yes								
212		11	Yes								
213		11	Yes								
214		11	Yes								
215		11	Yes								
216		11	Yes								
217		11	Yes								
220		11	Yes								
221		11	Yes								
222		11	Yes								
223		11	Yes								
224		11	Yes								
225		11	Yes								
228		11	Yes								
229		11	Yes								
230		11	Yes								
231		11	Yes								
232		11	Yes								
233		11	Yes								

UniqueName	Max Station Spacing m	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
236		11	Yes								
237		11	Yes								
238		11	Yes								
239		11	Yes								
241		11	Yes								
242		11	Yes								
245		11	Yes								
246		11	Yes								
247		11	Yes								
248		11	Yes								
249		11	Yes								
250		11	Yes								
253		11	Yes								
254		11	Yes								
255		11	Yes								
256		11	Yes								
257		11	Yes								
258		11	Yes								
261		11	Yes								
262		11	Yes								
263		11	Yes								
264		11	Yes								
265		11	Yes								
266		11	Yes								
269		11	Yes								
270		11	Yes								
271		11	Yes								
272		11	Yes								
273		11	Yes								
274		11	Yes								
277		11	Yes								
278		11	Yes								
279		11	Yes								
280		11	Yes								
281		11	Yes								
282		11	Yes								
91		11									
92		11									
99		11									
102		11									
103		11									
110		11									
113		11									
114		11									
121		11									
124		11									
125		11									
132		11									
135		11									
136		11									
143		11									
146		11									
147		11									
154		11									

UniqueName	Max Station Spacing m	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
157		11									
158		11									
165		11									
33		11									
64		11									
65		11									
66		11									
67		11									
68		11									
69		11									
72		11									
73		11									
74		11									
75		11									
76		11									
77		11									
27	0.5										
28	0.5										
29	0.5										
30	0.5										
40	0.5										
42	0.5										
44	0.5										
46	0.5										
47	0.5										
48	0.5										
56	0.5										
63	0.5										
70	0.5										
71	0.5										
78	0.5										
81	0.5										
83	0.5										
85	0.5										
86	0.5										
87	0.5										
88	0.5										
89	0.5										
90	0.5										
94	0.5										
96	0.5										
107	0.5										
116	0.5										
118	0.5										
126	0.5										
127	0.5										
128	0.5										
129	0.5										
137	0.5										
138	0.5										
139	0.5										
140	0.5										
148	0.5										
150	0.5										

UniqueName	Max Station Spacing m	Min Number Stations	Releases	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
151	0.5										
159	0.5										
160	0.5										
161	0.5										
162	0.5										
202	0.5										
203	0.5										
210	0.5										
211	0.5										
218	0.5										
219	0.5										
226	0.5										
227	0.5										
234	0.5										
12		11									
14		11									
16		11									
18		11									
20		11									
1		11									
3		11									
5		11									
7		11									
9		11									
21		11									
22		11									
23		11									
24		11									
2		11									
4		11									
6		11									
8		11									
10		11									

1.2 Shell Assignments

Table 1.2 - Area Assignments - Summary (Part 1 of 2)

UniqueName	Story	Label	Section Property	Property Type	Diaphragm	Axis Angle deg	Added Mass kgf-s2/m3	Pier	Spandrel	Spandrel Story
2	Story2	F2	LOSA12	Slab		90				
3	Story2	F3	LOSA12	Slab		90				
4	Story2	F4	LOSA12	Slab		90				
5	Story2	F5	LOSA12	Slab		90				
6	Story2	F6	LOSA12	Slab		90				
7	Story2	F7	LOSA12	Slab		90				
8	Story2	F8	LOSA12	Slab		90				
9	Story2	F9	LOSA12	Slab		90				
10	Story2	F10	LOSA12	Slab		90				
11	Story2	F11	LOSA12	Slab		90				
12	Story2	F12	LOSA12	Slab		90				
13	Story2	F13	LOSA12	Slab		90				
14	Story2	F14	LOSA12	Slab		90				

UniqueName	Story	Label	Section Property	Property Type	Diaphragm	Axis Angle deg	Added Mass kgf-s2/m3	Pier	Spandrel	Spandrel Story
15	Story2	F15	LOSA12	Slab		90				
18	Story2	F18	LOSA12	Slab		90				
19	Story2	F19	LOSA12	Slab		90				
20	Story2	F20	LOSA12	Slab		90				
21	Story2	F21	LOSA12	Slab		90				
22	Story2	F22	LOSA12	Slab		90				
23	Story2	F23	LOSA12	Slab		90				
24	Story2	F24	LOSA12	Slab		90				

Table 1.2 - Area Assignments - Summary (Part 2 of 2)

UniqueName	Spring	Modifiers
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
18		
19		
20		
21		
22		
23		
24		

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

$$C = 0.703125$$

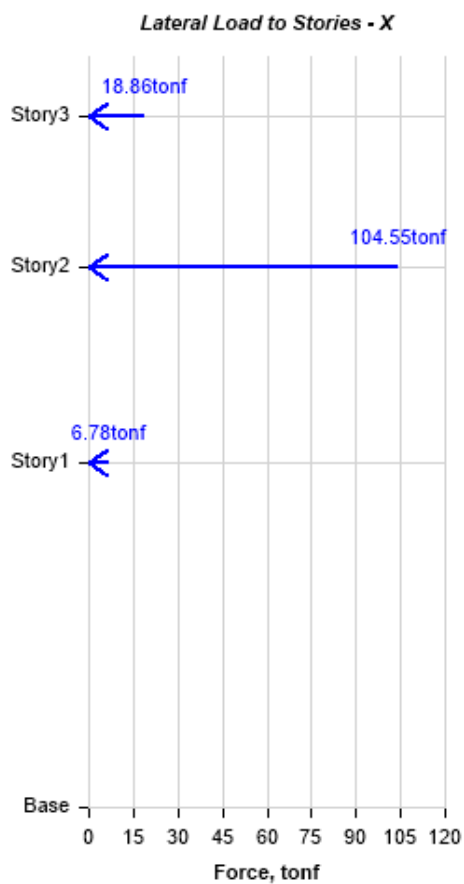
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	185154.21	130.19

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	4.6	18.86	0
Story2	3.6	104.55	0
Story1	2.3	6.78	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 = 0.703125

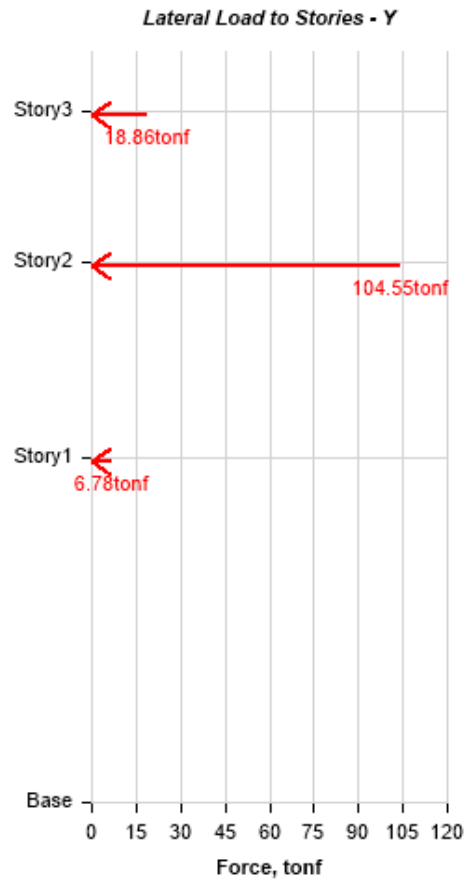
Base Shear, V

$V = CW$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	185154.21	130.19

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	4.6	0	18.86
Story2	3.6	0	104.55
Story1	2.3	0	6.78
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

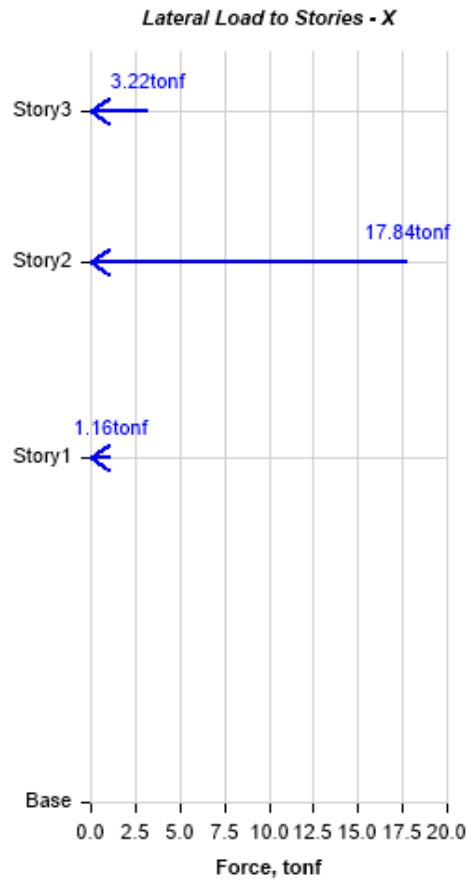
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	185154.21	22.22

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	4.6	3.22	0
Story2	3.6	17.84	0
Story1	2.3	1.16	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SY-UMBRALEST 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

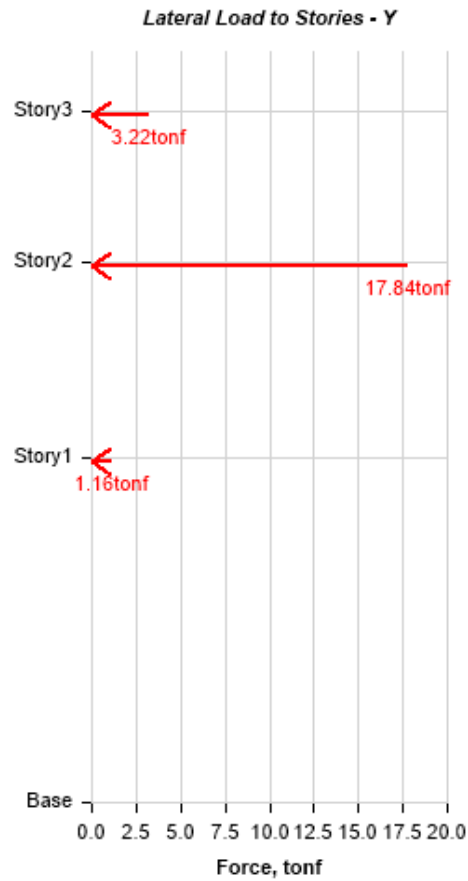
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	185154.21	22.22

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	4.6	0	3.22
Story2	3.6	0	17.84
Story1	2.3	0	1.16
Base	0	0	0

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	Absolute Distance B m
196	L	Story3	B167	Force	Gravity	Relative	0	1	0	4.1316
197	L	Story3	B168	Force	Gravity	Relative	0	1	0	4.1316
198	L	Story3	B169	Force	Gravity	Relative	0	1	0	4.1329
199	L	Story3	B170	Force	Gravity	Relative	0	1	0	4.1329
200	L	Story3	B171	Force	Gravity	Relative	0	1	0	4.1303
201	L	Story3	B172	Force	Gravity	Relative	0	1	0	4.1303
204	L	Story3	B175	Force	Gravity	Relative	0	1	0	4.1316
205	L	Story3	B176	Force	Gravity	Relative	0	1	0	4.1316
206	L	Story3	B177	Force	Gravity	Relative	0	1	0	4.1329
207	L	Story3	B178	Force	Gravity	Relative	0	1	0	4.1329
208	L	Story3	B179	Force	Gravity	Relative	0	1	0	4.1303
209	L	Story3	B180	Force	Gravity	Relative	0	1	0	4.1303
212	L	Story3	B183	Force	Gravity	Relative	0	1	0	4.1316
213	L	Story3	B184	Force	Gravity	Relative	0	1	0	4.1316
214	L	Story3	B185	Force	Gravity	Relative	0	1	0	4.1329
215	L	Story3	B186	Force	Gravity	Relative	0	1	0	4.1329
216	L	Story3	B187	Force	Gravity	Relative	0	1	0	4.1303
217	L	Story3	B188	Force	Gravity	Relative	0	1	0	4.1303
220	L	Story3	B191	Force	Gravity	Relative	0	1	0	4.1316
221	L	Story3	B192	Force	Gravity	Relative	0	1	0	4.1316
222	L	Story3	B193	Force	Gravity	Relative	0	1	0	4.1329
223	L	Story3	B194	Force	Gravity	Relative	0	1	0	4.1329
224	L	Story3	B195	Force	Gravity	Relative	0	1	0	4.1303
225	L	Story3	B196	Force	Gravity	Relative	0	1	0	4.1303
228	L	Story3	B199	Force	Gravity	Relative	0	1	0	4.1316
229	L	Story3	B200	Force	Gravity	Relative	0	1	0	4.1316
230	L	Story3	B201	Force	Gravity	Relative	0	1	0	4.1329
231	L	Story3	B202	Force	Gravity	Relative	0	1	0	4.1329
232	L	Story3	B203	Force	Gravity	Relative	0	1	0	4.1303
233	L	Story3	B204	Force	Gravity	Relative	0	1	0	4.1303
236	L	Story3	B207	Force	Gravity	Relative	0	1	0	4.1316
237	L	Story3	B208	Force	Gravity	Relative	0	1	0	4.1316
238	L	Story3	B209	Force	Gravity	Relative	0	1	0	4.1329
239	L	Story3	B210	Force	Gravity	Relative	0	1	0	4.1329
241	L	Story3	B212	Force	Gravity	Relative	0	1	0	4.1303
242	L	Story3	B213	Force	Gravity	Relative	0	1	0	4.1303
245	L	Story3	B216	Force	Gravity	Relative	0	1	0	4.1316
246	L	Story3	B217	Force	Gravity	Relative	0	1	0	4.1316
247	L	Story3	B218	Force	Gravity	Relative	0	1	0	4.1329
248	L	Story3	B219	Force	Gravity	Relative	0	1	0	4.1329
249	L	Story3	B220	Force	Gravity	Relative	0	1	0	4.1303
250	L	Story3	B221	Force	Gravity	Relative	0	1	0	4.1303
253	L	Story3	B224	Force	Gravity	Relative	0	1	0	4.1316
254	L	Story3	B225	Force	Gravity	Relative	0	1	0	4.1316
255	L	Story3	B226	Force	Gravity	Relative	0	1	0	4.1329
256	L	Story3	B227	Force	Gravity	Relative	0	1	0	4.1329
257	L	Story3	B228	Force	Gravity	Relative	0	1	0	4.1303
258	L	Story3	B229	Force	Gravity	Relative	0	1	0	4.1303
261	L	Story3	B232	Force	Gravity	Relative	0	1	0	4.1316

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
262	L	Story3	B233	Force	Gravity	Relative	0	1	0	4.1316
263	L	Story3	B234	Force	Gravity	Relative	0	1	0	4.1329
264	L	Story3	B235	Force	Gravity	Relative	0	1	0	4.1329
265	L	Story3	B236	Force	Gravity	Relative	0	1	0	4.1303
266	L	Story3	B237	Force	Gravity	Relative	0	1	0	4.1303
269	L	Story3	B240	Force	Gravity	Relative	0	1	0	4.1316
270	L	Story3	B241	Force	Gravity	Relative	0	1	0	4.1316
271	L	Story3	B242	Force	Gravity	Relative	0	1	0	4.1329
272	L	Story3	B243	Force	Gravity	Relative	0	1	0	4.1329
273	L	Story3	B244	Force	Gravity	Relative	0	1	0	4.1303
274	L	Story3	B245	Force	Gravity	Relative	0	1	0	4.1303
277	L	Story3	B248	Force	Gravity	Relative	0	1	0	4.1316
278	L	Story3	B249	Force	Gravity	Relative	0	1	0	4.1316
279	L	Story3	B250	Force	Gravity	Relative	0	1	0	4.1329
280	L	Story3	B251	Force	Gravity	Relative	0	1	0	4.1329
281	L	Story3	B252	Force	Gravity	Relative	0	1	0	4.1303
282	L	Story3	B253	Force	Gravity	Relative	0	1	0	4.1303
196	DS	Story3	B167	Force	Gravity	Relative	0	1	0	4.1316
197	DS	Story3	B168	Force	Gravity	Relative	0	1	0	4.1316
198	DS	Story3	B169	Force	Gravity	Relative	0	1	0	4.1329
199	DS	Story3	B170	Force	Gravity	Relative	0	1	0	4.1329
200	DS	Story3	B171	Force	Gravity	Relative	0	1	0	4.1303
201	DS	Story3	B172	Force	Gravity	Relative	0	1	0	4.1303
204	DS	Story3	B175	Force	Gravity	Relative	0	1	0	4.1316
205	DS	Story3	B176	Force	Gravity	Relative	0	1	0	4.1316
206	DS	Story3	B177	Force	Gravity	Relative	0	1	0	4.1329
207	DS	Story3	B178	Force	Gravity	Relative	0	1	0	4.1329
208	DS	Story3	B179	Force	Gravity	Relative	0	1	0	4.1303
209	DS	Story3	B180	Force	Gravity	Relative	0	1	0	4.1303
212	DS	Story3	B183	Force	Gravity	Relative	0	1	0	4.1316
213	DS	Story3	B184	Force	Gravity	Relative	0	1	0	4.1316
214	DS	Story3	B185	Force	Gravity	Relative	0	1	0	4.1329
215	DS	Story3	B186	Force	Gravity	Relative	0	1	0	4.1329
216	DS	Story3	B187	Force	Gravity	Relative	0	1	0	4.1303
217	DS	Story3	B188	Force	Gravity	Relative	0	1	0	4.1303
220	DS	Story3	B191	Force	Gravity	Relative	0	1	0	4.1316
221	DS	Story3	B192	Force	Gravity	Relative	0	1	0	4.1316
222	DS	Story3	B193	Force	Gravity	Relative	0	1	0	4.1329
223	DS	Story3	B194	Force	Gravity	Relative	0	1	0	4.1329
224	DS	Story3	B195	Force	Gravity	Relative	0	1	0	4.1303
225	DS	Story3	B196	Force	Gravity	Relative	0	1	0	4.1303
228	DS	Story3	B199	Force	Gravity	Relative	0	1	0	4.1316
229	DS	Story3	B200	Force	Gravity	Relative	0	1	0	4.1316
230	DS	Story3	B201	Force	Gravity	Relative	0	1	0	4.1329
231	DS	Story3	B202	Force	Gravity	Relative	0	1	0	4.1329
232	DS	Story3	B203	Force	Gravity	Relative	0	1	0	4.1303
233	DS	Story3	B204	Force	Gravity	Relative	0	1	0	4.1303
236	DS	Story3	B207	Force	Gravity	Relative	0	1	0	4.1316
237	DS	Story3	B208	Force	Gravity	Relative	0	1	0	4.1316
238	DS	Story3	B209	Force	Gravity	Relative	0	1	0	4.1329
239	DS	Story3	B210	Force	Gravity	Relative	0	1	0	4.1329
241	DS	Story3	B212	Force	Gravity	Relative	0	1	0	4.1303
242	DS	Story3	B213	Force	Gravity	Relative	0	1	0	4.1303
245	DS	Story3	B216	Force	Gravity	Relative	0	1	0	4.1316

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
246	DS	Story3	B217	Force	Gravity	Relative	0	1	0	4.1316
247	DS	Story3	B218	Force	Gravity	Relative	0	1	0	4.1329
248	DS	Story3	B219	Force	Gravity	Relative	0	1	0	4.1329
249	DS	Story3	B220	Force	Gravity	Relative	0	1	0	4.1303
250	DS	Story3	B221	Force	Gravity	Relative	0	1	0	4.1303
253	DS	Story3	B224	Force	Gravity	Relative	0	1	0	4.1316
254	DS	Story3	B225	Force	Gravity	Relative	0	1	0	4.1316
255	DS	Story3	B226	Force	Gravity	Relative	0	1	0	4.1329
256	DS	Story3	B227	Force	Gravity	Relative	0	1	0	4.1329
257	DS	Story3	B228	Force	Gravity	Relative	0	1	0	4.1303
258	DS	Story3	B229	Force	Gravity	Relative	0	1	0	4.1303
261	DS	Story3	B232	Force	Gravity	Relative	0	1	0	4.1316
262	DS	Story3	B233	Force	Gravity	Relative	0	1	0	4.1316
263	DS	Story3	B234	Force	Gravity	Relative	0	1	0	4.1329
264	DS	Story3	B235	Force	Gravity	Relative	0	1	0	4.1329
265	DS	Story3	B236	Force	Gravity	Relative	0	1	0	4.1303
266	DS	Story3	B237	Force	Gravity	Relative	0	1	0	4.1303
269	DS	Story3	B240	Force	Gravity	Relative	0	1	0	4.1316
270	DS	Story3	B241	Force	Gravity	Relative	0	1	0	4.1316
271	DS	Story3	B242	Force	Gravity	Relative	0	1	0	4.1329
272	DS	Story3	B243	Force	Gravity	Relative	0	1	0	4.1329
273	DS	Story3	B244	Force	Gravity	Relative	0	1	0	4.1303
274	DS	Story3	B245	Force	Gravity	Relative	0	1	0	4.1303
277	DS	Story3	B248	Force	Gravity	Relative	0	1	0	4.1316
278	DS	Story3	B249	Force	Gravity	Relative	0	1	0	4.1316
279	DS	Story3	B250	Force	Gravity	Relative	0	1	0	4.1329
280	DS	Story3	B251	Force	Gravity	Relative	0	1	0	4.1329
281	DS	Story3	B252	Force	Gravity	Relative	0	1	0	4.1303
282	DS	Story3	B253	Force	Gravity	Relative	0	1	0	4.1303
196	W1	Story3	B167	Force	Gravity	Relative	0	1	0	4.1316
197	W1	Story3	B168	Force	Gravity	Relative	0	1	0	4.1316
198	W1	Story3	B169	Force	Gravity	Relative	0	1	0	4.1329
199	W1	Story3	B170	Force	Gravity	Relative	0	1	0	4.1329
200	W1	Story3	B171	Force	Gravity	Relative	0	1	0	4.1303
201	W1	Story3	B172	Force	Gravity	Relative	0	1	0	4.1303
204	W1	Story3	B175	Force	Gravity	Relative	0	1	0	4.1316
205	W1	Story3	B176	Force	Gravity	Relative	0	1	0	4.1316
206	W1	Story3	B177	Force	Gravity	Relative	0	1	0	4.1329
207	W1	Story3	B178	Force	Gravity	Relative	0	1	0	4.1329
208	W1	Story3	B179	Force	Gravity	Relative	0	1	0	4.1303
209	W1	Story3	B180	Force	Gravity	Relative	0	1	0	4.1303
212	W1	Story3	B183	Force	Gravity	Relative	0	1	0	4.1316
213	W1	Story3	B184	Force	Gravity	Relative	0	1	0	4.1316
214	W1	Story3	B185	Force	Gravity	Relative	0	1	0	4.1329
215	W1	Story3	B186	Force	Gravity	Relative	0	1	0	4.1329
216	W1	Story3	B187	Force	Gravity	Relative	0	1	0	4.1303
217	W1	Story3	B188	Force	Gravity	Relative	0	1	0	4.1303
220	W1	Story3	B191	Force	Gravity	Relative	0	1	0	4.1316
221	W1	Story3	B192	Force	Gravity	Relative	0	1	0	4.1316
222	W1	Story3	B193	Force	Gravity	Relative	0	1	0	4.1329
223	W1	Story3	B194	Force	Gravity	Relative	0	1	0	4.1329
224	W1	Story3	B195	Force	Gravity	Relative	0	1	0	4.1303
225	W1	Story3	B196	Force	Gravity	Relative	0	1	0	4.1303
228	W1	Story3	B199	Force	Gravity	Relative	0	1	0	4.1316

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
229	W1	Story3	B200	Force	Gravity	Relative	0	1	0	4.1316
230	W1	Story3	B201	Force	Gravity	Relative	0	1	0	4.1329
231	W1	Story3	B202	Force	Gravity	Relative	0	1	0	4.1329
232	W1	Story3	B203	Force	Gravity	Relative	0	1	0	4.1303
233	W1	Story3	B204	Force	Gravity	Relative	0	1	0	4.1303
236	W1	Story3	B207	Force	Gravity	Relative	0	1	0	4.1316
237	W1	Story3	B208	Force	Gravity	Relative	0	1	0	4.1316
238	W1	Story3	B209	Force	Gravity	Relative	0	1	0	4.1329
239	W1	Story3	B210	Force	Gravity	Relative	0	1	0	4.1329
241	W1	Story3	B212	Force	Gravity	Relative	0	1	0	4.1303
242	W1	Story3	B213	Force	Gravity	Relative	0	1	0	4.1303
245	W1	Story3	B216	Force	Gravity	Relative	0	1	0	4.1316
246	W1	Story3	B217	Force	Gravity	Relative	0	1	0	4.1316
247	W1	Story3	B218	Force	Gravity	Relative	0	1	0	4.1329
248	W1	Story3	B219	Force	Gravity	Relative	0	1	0	4.1329
249	W1	Story3	B220	Force	Gravity	Relative	0	1	0	4.1303
250	W1	Story3	B221	Force	Gravity	Relative	0	1	0	4.1303
253	W1	Story3	B224	Force	Gravity	Relative	0	1	0	4.1316
254	W1	Story3	B225	Force	Gravity	Relative	0	1	0	4.1316
255	W1	Story3	B226	Force	Gravity	Relative	0	1	0	4.1329
256	W1	Story3	B227	Force	Gravity	Relative	0	1	0	4.1329
257	W1	Story3	B228	Force	Gravity	Relative	0	1	0	4.1303
258	W1	Story3	B229	Force	Gravity	Relative	0	1	0	4.1303
261	W1	Story3	B232	Force	Gravity	Relative	0	1	0	4.1316
262	W1	Story3	B233	Force	Gravity	Relative	0	1	0	4.1316
263	W1	Story3	B234	Force	Gravity	Relative	0	1	0	4.1329
264	W1	Story3	B235	Force	Gravity	Relative	0	1	0	4.1329
265	W1	Story3	B236	Force	Gravity	Relative	0	1	0	4.1303
266	W1	Story3	B237	Force	Gravity	Relative	0	1	0	4.1303
269	W1	Story3	B240	Force	Gravity	Relative	0	1	0	4.1316
270	W1	Story3	B241	Force	Gravity	Relative	0	1	0	4.1316
271	W1	Story3	B242	Force	Gravity	Relative	0	1	0	4.1329
272	W1	Story3	B243	Force	Gravity	Relative	0	1	0	4.1329
273	W1	Story3	B244	Force	Gravity	Relative	0	1	0	4.1303
274	W1	Story3	B245	Force	Gravity	Relative	0	1	0	4.1303
277	W1	Story3	B248	Force	Gravity	Relative	0	1	0	4.1316
278	W1	Story3	B249	Force	Gravity	Relative	0	1	0	4.1316
279	W1	Story3	B250	Force	Gravity	Relative	0	1	0	4.1329
280	W1	Story3	B251	Force	Gravity	Relative	0	1	0	4.1329
281	W1	Story3	B252	Force	Gravity	Relative	0	1	0	4.1303
282	W1	Story3	B253	Force	Gravity	Relative	0	1	0	4.1303
196	W2	Story3	B167	Force	Gravity	Relative	0	1	0	4.1316
197	W2	Story3	B168	Force	Gravity	Relative	0	1	0	4.1316
198	W2	Story3	B169	Force	Gravity	Relative	0	1	0	4.1329
199	W2	Story3	B170	Force	Gravity	Relative	0	1	0	4.1329
200	W2	Story3	B171	Force	Gravity	Relative	0	1	0	4.1303
201	W2	Story3	B172	Force	Gravity	Relative	0	1	0	4.1303
204	W2	Story3	B175	Force	Gravity	Relative	0	1	0	4.1316
205	W2	Story3	B176	Force	Gravity	Relative	0	1	0	4.1316
206	W2	Story3	B177	Force	Gravity	Relative	0	1	0	4.1329
207	W2	Story3	B178	Force	Gravity	Relative	0	1	0	4.1329
208	W2	Story3	B179	Force	Gravity	Relative	0	1	0	4.1303
209	W2	Story3	B180	Force	Gravity	Relative	0	1	0	4.1303
212	W2	Story3	B183	Force	Gravity	Relative	0	1	0	4.1316

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m	Absolute Distance B m
213	W2	Story3	B184	Force	Gravity	Relative	0	1	0	4.1316
214	W2	Story3	B185	Force	Gravity	Relative	0	1	0	4.1329
215	W2	Story3	B186	Force	Gravity	Relative	0	1	0	4.1329
216	W2	Story3	B187	Force	Gravity	Relative	0	1	0	4.1303
217	W2	Story3	B188	Force	Gravity	Relative	0	1	0	4.1303
220	W2	Story3	B191	Force	Gravity	Relative	0	1	0	4.1316
221	W2	Story3	B192	Force	Gravity	Relative	0	1	0	4.1316
222	W2	Story3	B193	Force	Gravity	Relative	0	1	0	4.1329
223	W2	Story3	B194	Force	Gravity	Relative	0	1	0	4.1329
224	W2	Story3	B195	Force	Gravity	Relative	0	1	0	4.1303
225	W2	Story3	B196	Force	Gravity	Relative	0	1	0	4.1303
228	W2	Story3	B199	Force	Gravity	Relative	0	1	0	4.1316
229	W2	Story3	B200	Force	Gravity	Relative	0	1	0	4.1316
230	W2	Story3	B201	Force	Gravity	Relative	0	1	0	4.1329
231	W2	Story3	B202	Force	Gravity	Relative	0	1	0	4.1329
232	W2	Story3	B203	Force	Gravity	Relative	0	1	0	4.1303
233	W2	Story3	B204	Force	Gravity	Relative	0	1	0	4.1303
236	W2	Story3	B207	Force	Gravity	Relative	0	1	0	4.1316
237	W2	Story3	B208	Force	Gravity	Relative	0	1	0	4.1316
238	W2	Story3	B209	Force	Gravity	Relative	0	1	0	4.1329
239	W2	Story3	B210	Force	Gravity	Relative	0	1	0	4.1329
241	W2	Story3	B212	Force	Gravity	Relative	0	1	0	4.1303
242	W2	Story3	B213	Force	Gravity	Relative	0	1	0	4.1303
245	W2	Story3	B216	Force	Gravity	Relative	0	1	0	4.1316
246	W2	Story3	B217	Force	Gravity	Relative	0	1	0	4.1316
247	W2	Story3	B218	Force	Gravity	Relative	0	1	0	4.1329
248	W2	Story3	B219	Force	Gravity	Relative	0	1	0	4.1329
249	W2	Story3	B220	Force	Gravity	Relative	0	1	0	4.1303
250	W2	Story3	B221	Force	Gravity	Relative	0	1	0	4.1303
253	W2	Story3	B224	Force	Gravity	Relative	0	1	0	4.1316
254	W2	Story3	B225	Force	Gravity	Relative	0	1	0	4.1316
255	W2	Story3	B226	Force	Gravity	Relative	0	1	0	4.1329
256	W2	Story3	B227	Force	Gravity	Relative	0	1	0	4.1329
257	W2	Story3	B228	Force	Gravity	Relative	0	1	0	4.1303
258	W2	Story3	B229	Force	Gravity	Relative	0	1	0	4.1303
261	W2	Story3	B232	Force	Gravity	Relative	0	1	0	4.1316
262	W2	Story3	B233	Force	Gravity	Relative	0	1	0	4.1316
263	W2	Story3	B234	Force	Gravity	Relative	0	1	0	4.1329
264	W2	Story3	B235	Force	Gravity	Relative	0	1	0	4.1329
265	W2	Story3	B236	Force	Gravity	Relative	0	1	0	4.1303
266	W2	Story3	B237	Force	Gravity	Relative	0	1	0	4.1303
269	W2	Story3	B240	Force	Gravity	Relative	0	1	0	4.1316
270	W2	Story3	B241	Force	Gravity	Relative	0	1	0	4.1316
271	W2	Story3	B242	Force	Gravity	Relative	0	1	0	4.1329
272	W2	Story3	B243	Force	Gravity	Relative	0	1	0	4.1329
273	W2	Story3	B244	Force	Gravity	Relative	0	1	0	4.1303
274	W2	Story3	B245	Force	Gravity	Relative	0	1	0	4.1303
277	W2	Story3	B248	Force	Gravity	Relative	0	1	0	4.1316
278	W2	Story3	B249	Force	Gravity	Relative	0	1	0	4.1316
279	W2	Story3	B250	Force	Gravity	Relative	0	1	0	4.1329
280	W2	Story3	B251	Force	Gravity	Relative	0	1	0	4.1329
281	W2	Story3	B252	Force	Gravity	Relative	0	1	0	4.1303
282	W2	Story3	B253	Force	Gravity	Relative	0	1	0	4.1303

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

UniqueName	Load Pattern	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
196	L	60	60		
197	L	60	60		
198	L	60	60		
199	L	60	60		
200	L	60	60		
201	L	60	60		
204	L	60	60		
205	L	60	60		
206	L	60	60		
207	L	60	60		
208	L	60	60		
209	L	60	60		
212	L	60	60		
213	L	60	60		
214	L	60	60		
215	L	60	60		
216	L	60	60		
217	L	60	60		
220	L	60	60		
221	L	60	60		
222	L	60	60		
223	L	60	60		
224	L	60	60		
225	L	60	60		
228	L	60	60		
229	L	60	60		
230	L	60	60		
231	L	60	60		
232	L	60	60		
233	L	60	60		
236	L	60	60		
237	L	60	60		
238	L	60	60		
239	L	60	60		
241	L	60	60		
242	L	60	60		
245	L	60	60		
246	L	60	60		
247	L	60	60		
248	L	60	60		
249	L	60	60		
250	L	60	60		
253	L	60	60		
254	L	60	60		
255	L	60	60		
256	L	60	60		
257	L	60	60		
258	L	60	60		
261	L	60	60		
262	L	60	60		
263	L	60	60		
264	L	60	60		

UniqueName	Load Pattern	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
265	L	60	60		
266	L	60	60		
269	L	60	60		
270	L	60	60		
271	L	60	60		
272	L	60	60		
273	L	60	60		
274	L	60	60		
277	L	60	60		
278	L	60	60		
279	L	60	60		
280	L	60	60		
281	L	60	60		
282	L	60	60		
196	DS	96	96		
197	DS	96	96		
198	DS	96	96		
199	DS	96	96		
200	DS	96	96		
201	DS	96	96		
204	DS	96	96		
205	DS	96	96		
206	DS	96	96		
207	DS	96	96		
208	DS	96	96		
209	DS	96	96		
212	DS	96	96		
213	DS	96	96		
214	DS	96	96		
215	DS	96	96		
216	DS	96	96		
217	DS	96	96		
220	DS	96	96		
221	DS	96	96		
222	DS	96	96		
223	DS	96	96		
224	DS	96	96		
225	DS	96	96		
228	DS	96	96		
229	DS	96	96		
230	DS	96	96		
231	DS	96	96		
232	DS	96	96		
233	DS	96	96		
236	DS	96	96		
237	DS	96	96		
238	DS	96	96		
239	DS	96	96		
241	DS	96	96		
242	DS	96	96		
245	DS	96	96		
246	DS	96	96		
247	DS	96	96		
248	DS	96	96		
249	DS	96	96		

UniqueName	Load Pattern	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
250	DS	96	96		
253	DS	96	96		
254	DS	96	96		
255	DS	96	96		
256	DS	96	96		
257	DS	96	96		
258	DS	96	96		
261	DS	96	96		
262	DS	96	96		
263	DS	96	96		
264	DS	96	96		
265	DS	96	96		
266	DS	96	96		
269	DS	96	96		
270	DS	96	96		
271	DS	96	96		
272	DS	96	96		
273	DS	96	96		
274	DS	96	96		
277	DS	96	96		
278	DS	96	96		
279	DS	96	96		
280	DS	96	96		
281	DS	96	96		
282	DS	96	96		
196	W1	60	60		
197	W1	60	60		
198	W1	60	60		
199	W1	60	60		
200	W1	60	60		
201	W1	60	60		
204	W1	60	60		
205	W1	60	60		
206	W1	60	60		
207	W1	60	60		
208	W1	60	60		
209	W1	60	60		
212	W1	60	60		
213	W1	60	60		
214	W1	60	60		
215	W1	60	60		
216	W1	60	60		
217	W1	60	60		
220	W1	60	60		
221	W1	60	60		
222	W1	60	60		
223	W1	60	60		
224	W1	60	60		
225	W1	60	60		
228	W1	60	60		
229	W1	60	60		
230	W1	60	60		
231	W1	60	60		
232	W1	60	60		
233	W1	60	60		

UniqueName	Load Pattern	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
236	W1	60	60		
237	W1	60	60		
238	W1	60	60		
239	W1	60	60		
241	W1	60	60		
242	W1	60	60		
245	W1	60	60		
246	W1	60	60		
247	W1	60	60		
248	W1	60	60		
249	W1	60	60		
250	W1	60	60		
253	W1	60	60		
254	W1	60	60		
255	W1	60	60		
256	W1	60	60		
257	W1	60	60		
258	W1	60	60		
261	W1	60	60		
262	W1	60	60		
263	W1	60	60		
264	W1	60	60		
265	W1	60	60		
266	W1	60	60		
269	W1	60	60		
270	W1	60	60		
271	W1	60	60		
272	W1	60	60		
273	W1	60	60		
274	W1	60	60		
277	W1	60	60		
278	W1	60	60		
279	W1	60	60		
280	W1	60	60		
281	W1	60	60		
282	W1	60	60		
196	W2	-48	-48		
197	W2	-48	-48		
198	W2	-48	-48		
199	W2	-48	-48		
200	W2	-48	-48		
201	W2	-48	-48		
204	W2	-48	-48		
205	W2	-48	-48		
206	W2	-48	-48		
207	W2	-48	-48		
208	W2	-48	-48		
209	W2	-48	-48		
212	W2	-48	-48		
213	W2	-48	-48		
214	W2	-48	-48		
215	W2	-48	-48		
216	W2	-48	-48		
217	W2	-48	-48		
220	W2	-48	-48		

UniqueName	Load Pattern	Force A kgf/m	Force B kgf/m	Moment A kgf-m/m	Moment B kgf-m/m
221	W2	-48	-48		
222	W2	-48	-48		
223	W2	-48	-48		
224	W2	-48	-48		
225	W2	-48	-48		
228	W2	-48	-48		
229	W2	-48	-48		
230	W2	-48	-48		
231	W2	-48	-48		
232	W2	-48	-48		
233	W2	-48	-48		
236	W2	-48	-48		
237	W2	-48	-48		
238	W2	-48	-48		
239	W2	-48	-48		
241	W2	-48	-48		
242	W2	-48	-48		
245	W2	-48	-48		
246	W2	-48	-48		
247	W2	-48	-48		
248	W2	-48	-48		
249	W2	-48	-48		
250	W2	-48	-48		
253	W2	-48	-48		
254	W2	-48	-48		
255	W2	-48	-48		
256	W2	-48	-48		
257	W2	-48	-48		
258	W2	-48	-48		
261	W2	-48	-48		
262	W2	-48	-48		
263	W2	-48	-48		
264	W2	-48	-48		
265	W2	-48	-48		
266	W2	-48	-48		
269	W2	-48	-48		
270	W2	-48	-48		
271	W2	-48	-48		
272	W2	-48	-48		
273	W2	-48	-48		
274	W2	-48	-48		
277	W2	-48	-48		
278	W2	-48	-48		
279	W2	-48	-48		
280	W2	-48	-48		
281	W2	-48	-48		
282	W2	-48	-48		

2.3.2 Area Loads

Table 2.7 - Area Load Assignments - Uniform

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
Story2	F2	2	L	Gravity	1000

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
Story2	F3	3	L	Gravity	1000
Story2	F4	4	L	Gravity	1000
Story2	F5	5	L	Gravity	1000
Story2	F6	6	L	Gravity	1000
Story2	F7	7	L	Gravity	1000
Story2	F8	8	L	Gravity	1000
Story2	F9	9	L	Gravity	1000
Story2	F10	10	L	Gravity	1000
Story2	F11	11	L	Gravity	1000
Story2	F12	12	L	Gravity	1000
Story2	F13	13	L	Gravity	1000
Story2	F14	14	L	Gravity	1000
Story2	F15	15	L	Gravity	1000
Story2	F18	18	L	Gravity	1000
Story2	F19	19	L	Gravity	1000
Story2	F20	20	L	Gravity	1000
Story2	F21	21	L	Gravity	1000
Story2	F22	22	L	Gravity	1000
Story2	F23	23	L	Gravity	1000
Story2	F24	24	L	Gravity	1000
Story2	F2	2	DS	Gravity	200
Story2	F3	3	DS	Gravity	200
Story2	F4	4	DS	Gravity	200
Story2	F5	5	DS	Gravity	200
Story2	F6	6	DS	Gravity	200
Story2	F7	7	DS	Gravity	200
Story2	F8	8	DS	Gravity	200
Story2	F9	9	DS	Gravity	200
Story2	F10	10	DS	Gravity	200
Story2	F11	11	DS	Gravity	200
Story2	F12	12	DS	Gravity	200
Story2	F13	13	DS	Gravity	200
Story2	F14	14	DS	Gravity	200
Story2	F15	15	DS	Gravity	200
Story2	F18	18	DS	Gravity	200
Story2	F19	19	DS	Gravity	200
Story2	F20	20	DS	Gravity	200
Story2	F21	21	DS	Gravity	200
Story2	F22	22	DS	Gravity	200
Story2	F23	23	DS	Gravity	200
Story2	F24	24	DS	Gravity	200

2.4 Functions

2.4.1 Response Spectrum Functions

Table 2.8 - Functions - Response Spectrum - Columbia NSR-10

Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
Curumani	0	0.703125	0.15	0.1	0.08	0.04	3	1.5	2.4	0.05
Curumani	0.1	0.703125								
Curumani	0.2	0.703125								
Curumani	0.3	0.703125								
Curumani	0.4	0.703125								

Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
Curumani	0.5	0.703125								
Curumani	0.6	0.6								
Curumani	0.7	0.514286								
Curumani	0.8	0.45								
Curumani	0.9	0.4								
Curumani	1	0.36								
Curumani	1.2	0.3								
Curumani	1.5	0.24								
Curumani	1.7	0.211765								
Curumani	2	0.18								
Curumani	2.5	0.144								
Curumani	3	0.12								
Curumani	3.5	0.102857								
Curumani	4	0.09								
Curumani	5	0.072								
Curumani	8	0.0324								
Curumani	11	0.017137								
Curumani	15	0.009216								

Table 2.9 - 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	1.6	0.113	
UMBRAL DE DAÑO	2	0.09	
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 2.10 - Functions - Time History - User Defined

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

2.5 Load Cases

Table 2.11 - Load Case Definitions - Summary

Name	Type	Notes
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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	
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 2.12 - Load Combination Definitions

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

Name	Type	Is Auto	Load Name	Mode	SF	Notes
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	
DSID1	Linear Add	Yes	Dead		1	Dead [Deflections]
DSID1			DS		1	
DSID2	Linear Add	Yes	Dead		1	Dead + Live [Deflections]
DSID2			Live		1	
DSID2			DS		1	
ELS 0.6D+0.7SX	Linear Add	No	Dead		0.6	
ELS 0.6D+0.7SX			SX		0.7	
ELS 0.6D+0.7SX			DS		0.6	
ELS 0.6D+0.7SY	Linear Add	No	Dead		0.6	
ELS 0.6D+0.7SY			SY		0.7	
ELS 0.6D+0.7SY			DS		0.6	
ELS 0.6D+1.0H	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0H			DS		0.6	
ELS 0.6D+1.0H+0.7SX	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0H+0.7SX			DS		0.6	
ELS 0.6D+1.0H+0.7SX			SX		0.7	
ELS 0.6D+1.0H+0.7SY	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0H+0.7SY			DS		0.6	
ELS 0.6D+1.0H+0.7SY			SY		0.7	
ELS 0.6D+1.0W1	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0W1			W1		1	
ELS 0.6D+1.0W1			DS		0.6	
ELS 0.6D+1.0W2	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0W2			W2		1	
ELS 0.6D+1.0W2			DS		0.6	
ELS 1.0D	Linear Add	No	Dead		1	
ELS 1.0D			DS		1	
ELS 1.0D+0.7SX	Linear Add	No	Dead		1	
ELS 1.0D+0.7SX			SX		0.7	
ELS 1.0D+0.7SX			DS		1	
ELS 1.0D+0.7SY	Linear Add	No	Dead		1	
ELS 1.0D+0.7SY			SY		0.7	
ELS 1.0D+0.7SY			DS		1	
ELS 1.0D+0.75L	Linear Add	No	Dead		1	
ELS 1.0D+0.75L			Live		0.75	
ELS 1.0D+0.75L			DS		1	
ELS 1.0D+0.75L+0.525SX	Linear Add	No	Dead		1	
ELS 1.0D+0.75L+0.525SX			Live		0.75	
ELS 1.0D+0.75L+0.525SX			SX		0.525	
ELS 1.0D+0.75L+0.525SX			DS		1	
ELS 1.0D+0.75L+0.525SY	Linear Add	No	Dead		1	
ELS 1.0D+0.75L+0.525SY			Live		0.75	
ELS 1.0D+0.75L+0.525SY			SY		0.525	
ELS 1.0D+0.75L+0.525SY			DS		1	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
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	
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	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
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	
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	

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

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
Dead	LinStatic				0	0	120.01	577.56	-2758.4
Live	LinStatic				0	0	116.9	526.51	-3138.16
SX	LinRespSpec	Max			20.98	1.29	0	4.7	74.58
SY	LinRespSpec	Max			1.72	28.32	0	104.96	6.07
SXEST	LinStatic				-117.17	0	0	0	-430.85
SYEST	LinStatic				0	-117.17	0	430.85	0
DS	LinStatic				0	0	46.29	208.47	-911.54
W1	LinStatic				0	0	16.36	73.69	-202.79
W2	LinStatic				0	0	-13.09	-58.95	162.23
SX-UMBRAL	LinRespSpec	Max			17.97	1.11	0	4.04	64.4
SY-UMBRAL	LinRespSpec	Max			0.88	18.14	0	67.32	3.13
SX-UMBRAL-EST	LinStatic				-20	0	0	0	-73.53
SY-UMBRAL-EST	LinStatic				0	-20	0	73.53	0
ELS 1.0D	Combination				0	0	166.3	786.03	-3669.95
ELS 1.0D+1.0L	Combination				0	0	283.2	1312.54	-6808.1
ELS 1.0D+0.75L	Combination				0	0	253.97	1180.91	-6023.56
ELS 1.0D+0.7SX	Combination	Max			14.68	0.9	166.3	789.32	-3617.74
ELS 1.0D+0.7SX	Combination	Min			-14.68	-0.9	166.3	782.74	-3722.15
ELS 1.0D+0.7SY	Combination	Max			1.2	19.82	166.3	859.5	-3665.69
ELS 1.0D+0.7SY	Combination	Min			-1.2	-19.82	166.3	712.56	-3674.2
ELS 1.0D+0.75L+0.525SX	Combination	Max			11.01	0.68	253.97	1183.38	-5984.41
ELS 1.0D+0.75L+0.525SX	Combination	Min			-11.01	-0.68	253.97	1178.44	-6062.72
ELS 1.0D+0.75L+0.525SY	Combination	Max			0.9	14.87	253.97	1236.01	-6020.37
ELS 1.0D+0.75L+0.525SY	Combination	Min			-0.9	-14.87	253.97	1125.81	-6026.75
ELS 0.6D+0.7SX	Combination	Max			14.68	0.9	99.78	474.91	-2149.76
ELS 0.6D+0.7SX	Combination	Min			-14.68	-0.9	99.78	468.33	-2254.18
ELS 0.6D+0.7SY	Combination	Max			1.2	19.82	99.78	545.09	-2197.72
ELS 0.6D+0.7SY	Combination	Min			-1.2	-19.82	99.78	398.15	-2206.22
ELU 1.4D	Combination				0	0	232.81	1100.44	-5137.92
ELU 1.2D+1.6L	Combination				0	0	386.6	1785.65	-9424.99
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			21.49	9.78	316.46	1505.93	-7465.69
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			-21.49	-9.78	316.46	1433.56	-7618.5
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			8.01	28.7	316.46	1576.11	-7513.64
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			-8.01	-28.7	316.46	1363.37	-7570.54
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			21.49	9.78	316.46	1505.93	-7465.69
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			-21.49	-9.78	316.46	1433.56	-7618.5
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			8.01	28.7	316.46	1576.11	-7513.64
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			-8.01	-28.7	316.46	1363.37	-7570.54
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			21.49	9.78	316.46	1505.93	-7465.69
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			-21.49	-9.78	316.46	1433.56	-7618.5
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			8.01	28.7	316.46	1576.11	-7513.64
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			-8.01	-28.7	316.46	1363.37	-7570.54
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			21.49	9.78	316.46	1505.93	-7465.69
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			-21.49	-9.78	316.46	1433.56	-7618.5
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			8.01	28.7	316.46	1576.11	-7513.64
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			-8.01	-28.7	316.46	1363.37	-7570.54
ELU 0.9D	Combination				0	0	149.67	707.43	-3302.95
ELU 0.9D+1.0SX+0.3SY	Combination	Max			21.49	9.78	149.67	743.61	-3226.55
ELU 0.9D+1.0SX+0.3SY	Combination	Min			-21.49	-9.78	149.67	671.24	-3379.36

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			8.01	28.7	149.67	813.79	-3274.5
ELU 0.9D+1.0SY+0.3SX	Combination	Min			-8.01	-28.7	149.67	601.06	-3331.4
ELU 0.9D+1.0SX-0.3SY	Combination	Max			21.49	9.78	149.67	743.61	-3226.55
ELU 0.9D+1.0SX-0.3SY	Combination	Min			-21.49	-9.78	149.67	671.24	-3379.36
ELU 0.9D+1.0SY-0.3SX	Combination	Max			8.01	28.7	149.67	813.79	-3274.5
ELU 0.9D+1.0SY-0.3SX	Combination	Min			-8.01	-28.7	149.67	601.06	-3331.4
ELU 0.9D-1.0SX+0.3SY	Combination	Max			21.49	9.78	149.67	743.61	-3226.55
ELU 0.9D-1.0SX+0.3SY	Combination	Min			-21.49	-9.78	149.67	671.24	-3379.36
ELU 0.9D-1.0SY+0.3SX	Combination	Max			8.01	28.7	149.67	813.79	-3274.5
ELU 0.9D-1.0SY+0.3SX	Combination	Min			-8.01	-28.7	149.67	601.06	-3331.4
ELU 0.9D-1.0SX-0.3SY	Combination	Max			21.49	9.78	149.67	743.61	-3226.55
ELU 0.9D-1.0SX-0.3SY	Combination	Min			-21.49	-9.78	149.67	671.24	-3379.36
ELU 0.9D-1.0SY-0.3SX	Combination	Max			8.01	28.7	149.67	813.79	-3274.5
ELU 0.9D-1.0SY-0.3SX	Combination	Min			-8.01	-28.7	149.67	601.06	-3331.4
CIM 1.0D	Combination				0	0	166.3	786.03	-3669.95
CIM 1.0D+1.0L	Combination				0	0	283.2	1312.54	-6808.1
CIM 0,6D	Combination				0	0	99.78	471.62	-2201.97
CIM 0,6D+0.7SX	Combination	Max			14.68	0.9	99.78	474.91	-2149.76
CIM 0,6D+0.7SX	Combination	Min			-14.68	-0.9	99.78	468.33	-2254.18
CIM 0,6D+0.7SY	Combination	Max			1.2	19.82	99.78	545.09	-2197.72
CIM 0,6D+0.7SY	Combination	Min			-1.2	-19.82	99.78	398.15	-2206.22
CIM 1.0D+0.7SX	Combination	Max			14.68	0.9	166.3	789.32	-3617.74
CIM 1.0D+0.7SX	Combination	Min			-14.68	-0.9	166.3	782.74	-3722.15
CIM 1.0D+0.7SY	Combination	Max			1.2	19.82	166.3	859.5	-3665.69
CIM 1.0D+0.7SY	Combination	Min			-1.2	-19.82	166.3	712.56	-3674.2
CIM 1.0D+0.75L+0.5SX	Combination	Max			10.49	0.64	253.97	1183.26	-5986.27
CIM 1.0D+0.75L+0.5SX	Combination	Min			-10.49	-0.64	253.97	1178.56	-6060.85
CIM 1.0D+0.75L+0.5SY	Combination	Max			0.86	14.16	253.97	1233.39	-6020.53
CIM 1.0D+0.75L+0.5SY	Combination	Min			-0.86	-14.16	253.97	1128.43	-6026.6
DES 1.0D+1.0SX	Combination	Max			20.98	1.29	166.3	790.73	-3595.36
DES 1.0D+1.0SX	Combination	Min			-20.98	-1.29	166.3	781.33	-3744.53
DES 1.0D+1.0SY	Combination	Max			1.72	28.32	166.3	890.99	-3663.87
DES 1.0D+1.0SY	Combination	Min			-1.72	-28.32	166.3	681.07	-3676.02
DES 1.0D+0.75L+0.75SX	Combination	Max			15.73	0.97	253.97	1184.43	-5967.63
DES 1.0D+0.75L+0.75SX	Combination	Min			-15.73	-0.97	253.97	1177.39	-6079.5
DES 1.0D+0.75L+0.75SY	Combination	Max			1.29	21.24	253.97	1259.63	-6019.01
DES 1.0D+0.75L+0.75SY	Combination	Min			-1.29	-21.24	253.97	1102.19	-6028.12
DES 0.6D+1.0SX	Combination	Max			20.98	1.29	99.78	476.31	-2127.39
DES 0.6D+1.0SX	Combination	Min			-20.98	-1.29	99.78	466.92	-2276.55
DES 0.6D+1.0SY	Combination	Max			1.72	28.32	99.78	576.58	-2195.89
DES 0.6D+1.0SY	Combination	Min			-1.72	-28.32	99.78	366.66	-2208.04
ELS 1.0D+1.0W1	Combination				0	0	182.66	859.72	-3872.74
ELS 1.0D+1.0W2	Combination				0	0	153.21	727.08	-3507.71
ELS 1.0D+0.75W1+0.75L	Combination				0	0	266.24	1236.18	-6175.66
ELS 1.0D+0.75W2+0.75L	Combination				0	0	244.15	1136.7	-5901.89
ELS 0.6D+1.0W1	Combination				0	0	116.14	545.31	-2404.76
ELS 0.6D+1.0W2	Combination				0	0	86.69	412.67	-2039.73
ELU 1.2D+0.8W1	Combination				0	0	212.64	1002.19	-4566.17
ELU 1.2D+0.8W2	Combination				0	0	189.08	896.07	-4274.15
ELU 0.9D+1.6W1	Combination				0	0	175.84	825.33	-3627.42
ELU 0.9D+1.6W2	Combination				0	0	128.72	613.1	-3043.38
ELU 1.2D+1.6W1+1.0L	Combination				0	0	342.63	1587.64	-7866.56
ELU 1.2D+1.6W2+1.0L	Combination				0	0	295.51	1375.42	-7282.52
ELS 1.0D+1.0H+1.0L	Combination				0	0	283.2	1312.54	-6808.1
ELS 1.0D+1.0H	Combination				0	0	166.3	786.03	-3669.95

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
ELS 1.0D+1.0H+0.75L	Combination				0	0	253.97	1180.91	-6023.56
ELS 1.0D+1.0H+0.75X	Combination	Max			14.68	0.9	166.3	789.32	-3617.74
ELS 1.0D+1.0H+0.75X	Combination	Min			-14.68	-0.9	166.3	782.74	-3722.15
ELS 1.0D+1.0H+0.75Y	Combination	Max			1.2	19.82	166.3	859.5	-3665.69
ELS 1.0D+1.0H+0.75Y	Combination	Min			-1.2	-19.82	166.3	712.56	-3674.2
ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			11.01	0.68	253.97	1183.38	-5984.41
ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			-11.01	-0.68	253.97	1178.44	-6062.72
ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			0.9	14.87	253.97	1236.01	-6020.37
ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			-0.9	-14.87	253.97	1125.81	-6026.75
ELS 0.6D+1.0H	Combination				0	0	99.78	471.62	-2201.97
ELS 0.6D+1.0H+0.75X	Combination	Max			14.68	0.9	99.78	474.91	-2149.76
ELS 0.6D+1.0H+0.75X	Combination	Min			-14.68	-0.9	99.78	468.33	-2254.18
ELS 0.6D+1.0H+0.75Y	Combination	Max			1.2	19.82	99.78	545.09	-2197.72
ELS 0.6D+1.0H+0.75Y	Combination	Min			-1.2	-19.82	99.78	398.15	-2206.22
ELU 1.2D+1.6H	Combination				0	0	199.55	943.24	-4403.94
ELU 0.9D+1.6H	Combination				0	0	149.67	707.43	-3302.95
ELU 0.9D+1.6H+1.0SX	Combination	Max			20.98	1.29	149.67	712.12	-3228.37
ELU 0.9D+1.6H+1.0SX	Combination	Min			-20.98	-1.29	149.67	702.73	-3377.53
ELU 0.9D+1.6H+1.0SY	Combination	Max			1.72	28.32	149.67	812.39	-3296.88
ELU 0.9D+1.6H+1.0SY	Combination	Min			-1.72	-28.32	149.67	602.47	-3309.03
DStID1	Combination				0	0	166.3	786.03	-3669.95
DStID2	Combination				0	0	283.2	1312.54	-6808.1

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
81.06	0	0	0
647.9	0	0	0
542.04	0	0	0
-2683.39	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
67.05	0	0	0
411.81	0	0	0
92.51	0	0	0
-457.96	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
56.74	0	0	0
-56.74	0	0	0
453.53	0	0	0
-453.53	0	0	0
42.56	0	0	0
-42.56	0	0	0
340.15	0	0	0
-340.15	0	0	0
56.74	0	0	0
-56.74	0	0	0
453.53	0	0	0
-453.53	0	0	0
0	0	0	0

MZ tonf-m	X m	Y m	Z m
0	0	0	0
275.43	0	0	0
-275.43	0	0	0
672.21	0	0	0
-672.21	0	0	0
275.43	0	0	0
-275.43	0	0	0
672.21	0	0	0
-672.21	0	0	0
275.43	0	0	0
-275.43	0	0	0
672.21	0	0	0
-672.21	0	0	0
275.43	0	0	0
-275.43	0	0	0
672.21	0	0	0
-672.21	0	0	0
0	0	0	0
275.43	0	0	0
-275.43	0	0	0
672.21	0	0	0
-672.21	0	0	0
275.43	0	0	0
-275.43	0	0	0
672.21	0	0	0
-672.21	0	0	0
275.43	0	0	0
-275.43	0	0	0
672.21	0	0	0
-672.21	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
56.74	0	0	0
-56.74	0	0	0
453.53	0	0	0
-453.53	0	0	0
56.74	0	0	0
-56.74	0	0	0
453.53	0	0	0
-453.53	0	0	0
40.53	0	0	0
-40.53	0	0	0
323.95	0	0	0
-323.95	0	0	0
81.06	0	0	0
-81.06	0	0	0
647.9	0	0	0
-647.9	0	0	0
60.79	0	0	0
-60.79	0	0	0

MZ tonf-m	X m	Y m	Z m
485.92	0	0	0
-485.92	0	0	0
81.06	0	0	0
-81.06	0	0	0
647.9	0	0	0
-647.9	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
56.74	0	0	0
-56.74	0	0	0
453.53	0	0	0
-453.53	0	0	0
42.56	0	0	0
-42.56	0	0	0
340.15	0	0	0
-340.15	0	0	0
0	0	0	0
56.74	0	0	0
-56.74	0	0	0
453.53	0	0	0
-453.53	0	0	0
0	0	0	0
0	0	0	0
81.06	0	0	0
-81.06	0	0	0
647.9	0	0	0
-647.9	0	0	0
0	0	0	0
0	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
Story2	Dead	LinStatic				Y	0.000284		10
Story2	Live	LinStatic				X	0.000169		4
Story2	Live	LinStatic				Y	0.000502		10
Story2	SX	LinRespSpec	Max			X	0.000302		3
Story2	SX	LinRespSpec	Max			Y	8.6E-05		4
Story2	SY	LinRespSpec	Max			X	0.000125		3
Story2	SY	LinRespSpec	Max			Y	0.001165		8

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story2	SXEST	LinStatic				X	0.001565		10
Story2	SYEST	LinStatic				Y	0.003482		8
Story2	DS	LinStatic				X	7.4E-05		2
Story2	DS	LinStatic				Y	0.000729		6
Story2	W1	LinStatic				X	4.2E-05		2
Story2	W1	LinStatic				Y	0.000456		6
Story2	W2	LinStatic				X	3.4E-05		2
Story2	W2	LinStatic				Y	0.000365		6
Story2	SX-UMBRAL	LinRespSpec	Max			X	0.000259		3
Story2	SX-UMBRAL	LinRespSpec	Max			Y	7.2E-05		4
Story2	SY-UMBRAL	LinRespSpec	Max			X	7.8E-05		3
Story2	SY-UMBRAL	LinRespSpec	Max			Y	0.000757		8
Story2	SX-UMBRAL-EST	LinStatic				X	0.000267		10
Story2	SY-UMBRAL-EST	LinStatic				Y	0.000594		8
Story2	ELS 1.0D	Combination				X	0.000172		2
Story2	ELS 1.0D	Combination				Y	0.000833		6
Story2	ELS 1.0D+1.0L	Combination				X	0.000312		4
Story2	ELS 1.0D+1.0L	Combination				Y	0.001288		6
Story2	ELS 1.0D+0.75L	Combination				X	0.00027		4
Story2	ELS 1.0D+0.75L	Combination				Y	0.001174		6
Story2	ELS 1.0D+0.7SX	Combination	Max			X	0.000326		2
Story2	ELS 1.0D+0.7SX	Combination	Max			Y	0.000882		8
Story2	ELS 1.0D+0.7SX	Combination	Min			X	0.000321		4
Story2	ELS 1.0D+0.7SX	Combination	Min			Y	0.000804		6
Story2	ELS 1.0D+0.7SY	Combination	Max			X	0.000232		2
Story2	ELS 1.0D+0.7SY	Combination	Max			Y	0.001646		8
Story2	ELS 1.0D+0.7SY	Combination	Min			X	0.00022		4
Story2	ELS 1.0D+0.7SY	Combination	Min			Y	0.001221		7
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max			X	0.000342		2
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max			Y	0.001209		8
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min			X	0.000403		4
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min			Y	0.001153		6
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max			Y	0.001782		8
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min			X	0.000328		4
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min			Y	0.001338		7
Story2	ELS 0.6D+0.7SX	Combination	Max			X	0.000258		2
Story2	ELS 0.6D+0.7SX	Combination	Max			Y	0.00055		8
Story2	ELS 0.6D+0.7SX	Combination	Min			X	0.000263		4
Story2	ELS 0.6D+0.7SX	Combination	Min			Y	0.000471		6
Story2	ELS 0.6D+0.7SY	Combination	Max			X	0.000164		2
Story2	ELS 0.6D+0.7SY	Combination	Max			Y	0.001314		8
Story2	ELS 0.6D+0.7SY	Combination	Min			X	0.000163		4
Story2	ELS 0.6D+0.7SY	Combination	Min			Y	0.000964		7
Story2	ELU 1.4D	Combination				X	0.000241		2
Story2	ELU 1.4D	Combination				Y	0.001166		6
Story2	ELU 1.2D+1.6L	Combination				X	0.000441		4
Story2	ELU 1.2D+1.6L	Combination				Y	0.001728		6
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			X	0.000525		2
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			Y	0.001873		8
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			X	0.000627		4
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			Y	0.001424		7
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			X	0.000431		2
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			Y	0.002636		8
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			X	0.000527		4
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			Y	0.001964		7

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	Max			X	0.000525		2
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			Y	0.001873		8
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			X	0.000627		4
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			Y	0.001424		7
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			X	0.000431		2
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			Y	0.002636		8
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			X	0.000527		4
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			Y	0.001964		7
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			X	0.000525		2
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			Y	0.001873		8
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			X	0.000627		4
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			Y	0.001424		7
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			X	0.000431		2
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			Y	0.002636		8
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			X	0.000527		4
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			Y	0.001964		7
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			X	0.000525		2
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			Y	0.001873		8
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			X	0.000627		4
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			Y	0.001424		7
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			X	0.000431		2
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			Y	0.002636		8
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			X	0.000527		4
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			Y	0.001964		7
Story2	ELU 0.9D	Combination				X	0.000155		2
Story2	ELU 0.9D	Combination				Y	0.000749		6
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max			X	0.000401		2
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max			Y	0.001171		8
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min			X	0.000416		4
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min			Y	0.000882		7
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max			X	0.000307		2
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max			Y	0.001935		8
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min			X	0.000315		4
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min			Y	0.001422		7
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max			X	0.000401		2
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max			Y	0.001171		8
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min			X	0.000416		4
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min			Y	0.000882		7
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max			X	0.000307		2
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max			Y	0.001935		8
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min			X	0.000315		4
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min			Y	0.001422		7
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max			X	0.000401		2
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max			Y	0.001171		8
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min			X	0.000416		4
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min			Y	0.000882		7
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max			X	0.000307		2
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max			Y	0.001935		8
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min			X	0.000315		4
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min			Y	0.001422		7
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max			X	0.000401		2
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max			Y	0.001171		8
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min			X	0.000416		4
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min			Y	0.000882		7
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max			X	0.000307		2

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			Y	0.001935		8
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min			X	0.000315		4
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min			Y	0.001422		7
Story2	CIM 1.0D	Combination				X	0.000172		2
Story2	CIM 1.0D	Combination				Y	0.000833		6
Story2	CIM 1.0D+1.0L	Combination				X	0.000312		4
Story2	CIM 1.0D+1.0L	Combination				Y	0.001288		6
Story2	CIM 0,6D	Combination				X	0.000103		2
Story2	CIM 0,6D	Combination				Y	0.0005		6
Story2	CIM 0,6D+0.7SX	Combination	Max			X	0.000258		2
Story2	CIM 0,6D+0.7SX	Combination	Max			Y	0.00055		8
Story2	CIM 0,6D+0.7SX	Combination	Min			X	0.000263		4
Story2	CIM 0,6D+0.7SX	Combination	Min			Y	0.000471		6
Story2	CIM 0,6D+0.7SY	Combination	Max			X	0.000164		2
Story2	CIM 0,6D+0.7SY	Combination	Max			Y	0.001314		8
Story2	CIM 0,6D+0.7SY	Combination	Min			X	0.000163		4
Story2	CIM 0,6D+0.7SY	Combination	Min			Y	0.000964		7
Story2	CIM 1.0D+0.7SX	Combination	Max			X	0.000326		2
Story2	CIM 1.0D+0.7SX	Combination	Max			Y	0.000882		8
Story2	CIM 1.0D+0.7SX	Combination	Min			X	0.000321		4
Story2	CIM 1.0D+0.7SX	Combination	Min			Y	0.000804		6
Story2	CIM 1.0D+0.7SY	Combination	Max			X	0.000232		2
Story2	CIM 1.0D+0.7SY	Combination	Max			Y	0.001646		8
Story2	CIM 1.0D+0.7SY	Combination	Min			X	0.00022		4
Story2	CIM 1.0D+0.7SY	Combination	Min			Y	0.001221		7
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max			X	0.000337		2
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max			Y	0.001207		8
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min			X	0.000396		4
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min			Y	0.001154		6
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max			Y	0.001752		8
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min			X	0.000325		4
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min			Y	0.001318		7
Story2	DES 1.0D+1.0SX	Combination	Max			X	0.000392		2
Story2	DES 1.0D+1.0SX	Combination	Max			Y	0.000905		8
Story2	DES 1.0D+1.0SX	Combination	Min			X	0.000397		4
Story2	DES 1.0D+1.0SX	Combination	Min			Y	0.000792		6
Story2	DES 1.0D+1.0SY	Combination	Max			X	0.000258		2
Story2	DES 1.0D+1.0SY	Combination	Max			Y	0.001995		8
Story2	DES 1.0D+1.0SY	Combination	Min			X	0.000254		4
Story2	DES 1.0D+1.0SY	Combination	Min			Y	0.001469		7
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max			X	0.000392		2
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max			Y	0.001226		8
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min			X	0.00046		4
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min			Y	0.001144		6
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max			Y	0.002044		8
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min			X	0.000352		4
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min			Y	0.001525		7
Story2	DES 0.6D+1.0SX	Combination	Max			X	0.000324		2
Story2	DES 0.6D+1.0SX	Combination	Max			Y	0.000572		8
Story2	DES 0.6D+1.0SX	Combination	Min			X	0.00034		4
Story2	DES 0.6D+1.0SY	Combination	Max			X	0.00019		2
Story2	DES 0.6D+1.0SY	Combination	Max			Y	0.001663		8
Story2	DES 0.6D+1.0SY	Combination	Min			X	0.000196		4
Story2	DES 0.6D+1.0SY	Combination	Min			Y	0.001212		7
Story2	ELS 1.0D+1.0W1	Combination				X	0.000214		2

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story2	ELS 1.0D+1.0W1	Combination				Y	0.001288		6
Story2	ELS 1.0D+1.0W2	Combination				Y	0.000468		6
Story2	ELS 1.0D+0.75W1+0.75L	Combination				Y	0.001516		6
Story2	ELS 1.0D+0.75W2+0.75L	Combination				X	0.000266		4
Story2	ELS 1.0D+0.75W2+0.75L	Combination				Y	0.000901		6
Story2	ELS 0.6D+1.0W1	Combination				X	0.000145		2
Story2	ELS 0.6D+1.0W1	Combination				Y	0.000955		6
Story2	ELS 0.6D+1.0W2	Combination				X	8.1E-05		4
Story2	ELS 0.6D+1.0W2	Combination				Y	0.00023		10
Story2	ELU 1.2D+0.8W1	Combination				X	0.00024		2
Story2	ELU 1.2D+0.8W1	Combination				Y	0.001364		6
Story2	ELU 1.2D+0.8W2	Combination				Y	0.000707		6
Story2	ELU 0.9D+1.6W1	Combination				X	0.000222		2
Story2	ELU 0.9D+1.6W1	Combination				Y	0.001479		6
Story2	ELU 0.9D+1.6W2	Combination				X	0.000121		4
Story2	ELU 0.9D+1.6W2	Combination				Y	0.000346		10
Story2	ELU 1.2D+1.6W1+1.0L	Combination				Y	0.002184		6
Story2	ELU 1.2D+1.6W2+1.0L	Combination				X	0.000333		4
Story2	ELU 1.2D+1.6W2+1.0L	Combination				Y	0.000957		10
Story2	ELS 1.0D+1.0H+1.0L	Combination				X	0.000312		4
Story2	ELS 1.0D+1.0H+1.0L	Combination				Y	0.001288		6
Story2	ELS 1.0D+1.0H	Combination				X	0.000172		2
Story2	ELS 1.0D+1.0H	Combination				Y	0.000833		6
Story2	ELS 1.0D+1.0H+0.75L	Combination				X	0.00027		4
Story2	ELS 1.0D+1.0H+0.75L	Combination				Y	0.001174		6
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Max			X	0.000326		2
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Max			Y	0.000882		8
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Min			X	0.000321		4
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Min			Y	0.000804		6
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Max			X	0.000232		2
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Max			Y	0.001646		8
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Min			X	0.00022		4
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Min			Y	0.001221		7
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			X	0.000342		2
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			Y	0.001209		8
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			X	0.000403		4
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			Y	0.001153		6
Story2	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			Y	0.001782		8
Story2	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			X	0.000328		4
Story2	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			Y	0.001338		7
Story2	ELS 0.6D+1.0H	Combination				X	0.000103		2
Story2	ELS 0.6D+1.0H	Combination				Y	0.0005		6
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Max			X	0.000258		2
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Max			Y	0.00055		8
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Min			X	0.000263		4
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Min			Y	0.000471		6
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Max			X	0.000164		2
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Max			Y	0.001314		8
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Min			X	0.000163		4
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Min			Y	0.000964		7
Story2	ELU 1.2D+1.6H	Combination				X	0.000206		2
Story2	ELU 1.2D+1.6H	Combination				Y	0.000999		6
Story2	ELU 0.9D+1.6H	Combination				X	0.000155		2
Story2	ELU 0.9D+1.6H	Combination				Y	0.000749		6
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Max			X	0.000375		2

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Max			Y	0.000821		8
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Min			X	0.000383		4
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Min			Y	0.000709		6
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Max			X	0.000241		2
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Max			Y	0.001912		8
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Min			X	0.000239		4
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Min			Y	0.001405		7
Story2	DSID1	Combination				X	0.000172		2
Story2	DSID1	Combination				Y	0.000833		6
Story2	DSID2	Combination				X	0.000312		4
Story2	DSID2	Combination				Y	0.001288		6
Story1	Dead	LinStatic				X	7.1E-05		4
Story1	Dead	LinStatic				Y	0.000162		10
Story1	Live	LinStatic				X	0.000122		4
Story1	Live	LinStatic				Y	0.000291		10
Story1	SX	LinRespSpec	Max			X	0.000196		4
Story1	SX	LinRespSpec	Max			Y	6.2E-05		4
Story1	SY	LinRespSpec	Max			X	8.3E-05		4
Story1	SY	LinRespSpec	Max			Y	0.000631		8
Story1	SXEST	LinStatic				X	0.001171		4
Story1	SYEST	LinStatic				Y	0.002336		10
Story1	DS	LinStatic				Y	0.000438		6
Story1	W1	LinStatic				Y	0.000274		6
Story1	W2	LinStatic				Y	0.000219		6
Story1	SX-UMBRAL	LinRespSpec	Max			X	0.000166		4
Story1	SX-UMBRAL	LinRespSpec	Max			Y	5.1E-05		4
Story1	SY-UMBRAL	LinRespSpec	Max			X	5.1E-05		4
Story1	SY-UMBRAL	LinRespSpec	Max			Y	0.00041		8
Story1	SX-UMBRAL-EST	LinStatic				X	0.0002		4
Story1	SY-UMBRAL-EST	LinStatic				Y	0.000399		10
Story1	ELS 1.0D	Combination				X	9.6E-05		4
Story1	ELS 1.0D	Combination				Y	0.000503		8
Story1	ELS 1.0D+1.0L	Combination				X	0.000219		4
Story1	ELS 1.0D+1.0L	Combination				Y	0.000782		8
Story1	ELS 1.0D+0.75L	Combination				X	0.000188		4
Story1	ELS 1.0D+0.75L	Combination				Y	0.000712		8
Story1	ELS 1.0D+0.7SX	Combination	Max			X	0.000233		4
Story1	ELS 1.0D+0.7SX	Combination	Max			Y	0.000532		8
Story1	ELS 1.0D+0.7SX	Combination	Min			X	0.00013		10
Story1	ELS 1.0D+0.7SX	Combination	Min			Y	0.000486		6
Story1	ELS 1.0D+0.7SY	Combination	Max			X	0.000154		4
Story1	ELS 1.0D+0.7SY	Combination	Max			Y	0.000945		8
Story1	ELS 1.0D+0.7SY	Combination	Min			X	5.5E-05		10
Story1	ELS 1.0D+0.7SY	Combination	Min			Y	0.000218		10
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max			X	0.000291		4
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max			Y	0.000734		8
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Min			Y	0.000696		6
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max			X	0.000232		4
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max			Y	0.001044		8
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Min			X	0.000145		4
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Min			Y	0.000429		6
Story1	ELS 0.6D+0.7SX	Combination	Max			X	0.000195		4
Story1	ELS 0.6D+0.7SX	Combination	Max			Y	0.000331		8
Story1	ELS 0.6D+0.7SX	Combination	Min			X	0.00013		10
Story1	ELS 0.6D+0.7SX	Combination	Min			Y	0.000285		6

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	ELS 0.6D+0.7SY	Combination	Max			X	0.000116		4
Story1	ELS 0.6D+0.7SY	Combination	Max			Y	0.000744		8
Story1	ELS 0.6D+0.7SY	Combination	Min			X	5.4E-05		10
Story1	ELS 0.6D+0.7SY	Combination	Min			Y	0.000306		10
Story1	ELU 1.4D	Combination				X	0.000135		4
Story1	ELU 1.4D	Combination				Y	0.000705		8
Story1	ELU 1.2D+1.6L	Combination				X	0.000311		4
Story1	ELU 1.2D+1.6L	Combination				Y	0.00105		8
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			X	0.000459		4
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			Y	0.001114		8
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			X	0.00022		10
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			Y	0.000694		6
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			X	0.00038		4
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			Y	0.001527		8
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			X	0.000145		10
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			Y	0.000339		6
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			X	0.000459		4
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			Y	0.001114		8
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			X	0.00022		10
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			Y	0.000694		6
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			X	0.00038		4
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			Y	0.001527		8
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			X	0.000145		10
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			Y	0.000339		6
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			X	0.000459		4
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			Y	0.001114		8
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			X	0.00022		10
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			Y	0.000694		6
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			X	0.00038		4
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			Y	0.001527		8
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			X	0.000145		10
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			Y	0.000339		6
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			X	0.000459		4
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			Y	0.001114		8
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			X	0.00022		10
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			Y	0.000694		6
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			X	0.00038		4
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			Y	0.001527		8
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			X	0.000145		10
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			Y	0.000339		6
Story1	ELU 0.9D	Combination				X	8.7E-05		4
Story1	ELU 0.9D	Combination				Y	0.000453		8
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max			X	0.000307		4
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max			Y	0.000684		8
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min			X	0.000208		10
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min			Y	0.00027		6
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max			X	0.000228		4
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max			Y	0.001097		8
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min			X	0.000133		10
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min			Y	0.000442		10
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max			X	0.000307		4
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max			Y	0.000684		8
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min			X	0.000208		10
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min			Y	0.00027		6
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max			X	0.000228		4

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max			Y	0.001097		8
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min			X	0.000133		10
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min			Y	0.000442		10
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max			X	0.000307		4
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max			Y	0.000684		8
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min			X	0.000208		10
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min			Y	0.00027		6
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max			X	0.000228		4
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max			Y	0.001097		8
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min			X	0.000133		10
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min			Y	0.000442		10
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max			X	0.000307		4
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max			Y	0.000684		8
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min			X	0.000208		10
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min			Y	0.00027		6
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max			X	0.000228		4
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max			Y	0.001097		8
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min			X	0.000133		10
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min			Y	0.000442		10
Story1	CIM 1.0D	Combination				X	9.6E-05		4
Story1	CIM 1.0D	Combination				Y	0.000503		8
Story1	CIM 1.0D+1.0L	Combination				X	0.000219		4
Story1	CIM 1.0D+1.0L	Combination				Y	0.000782		8
Story1	CIM 0,6D	Combination				X	5.8E-05		4
Story1	CIM 0,6D	Combination				Y	0.000302		8
Story1	CIM 0,6D+0.7SX	Combination	Max			X	0.000195		4
Story1	CIM 0,6D+0.7SX	Combination	Max			Y	0.000331		8
Story1	CIM 0,6D+0.7SX	Combination	Min			X	0.00013		10
Story1	CIM 0,6D+0.7SX	Combination	Min			Y	0.000285		6
Story1	CIM 0,6D+0.7SY	Combination	Max			X	0.000116		4
Story1	CIM 0,6D+0.7SY	Combination	Max			Y	0.000744		8
Story1	CIM 0,6D+0.7SY	Combination	Min			X	5.4E-05		10
Story1	CIM 0,6D+0.7SY	Combination	Min			Y	0.000306		10
Story1	CIM 1.0D+0.7SX	Combination	Max			X	0.000233		4
Story1	CIM 1.0D+0.7SX	Combination	Max			Y	0.000532		8
Story1	CIM 1.0D+0.7SX	Combination	Min			X	0.00013		10
Story1	CIM 1.0D+0.7SX	Combination	Min			Y	0.000486		6
Story1	CIM 1.0D+0.7SY	Combination	Max			X	0.000154		4
Story1	CIM 1.0D+0.7SY	Combination	Max			Y	0.000945		8
Story1	CIM 1.0D+0.7SY	Combination	Min			X	5.5E-05		10
Story1	CIM 1.0D+0.7SY	Combination	Min			Y	0.000218		10
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max			X	0.000286		4
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max			Y	0.000733		8
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Min			Y	0.000696		6
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max			X	0.00023		4
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max			Y	0.001028		8
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Min			X	0.000147		4
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Min			Y	0.000442		6
Story1	DES 1.0D+1.0SX	Combination	Max			X	0.000292		4
Story1	DES 1.0D+1.0SX	Combination	Max			Y	0.000545		8
Story1	DES 1.0D+1.0SX	Combination	Min			X	0.000185		10
Story1	DES 1.0D+1.0SX	Combination	Min			Y	0.000479		6
Story1	DES 1.0D+1.0SY	Combination	Max			X	0.000179		4
Story1	DES 1.0D+1.0SY	Combination	Max			Y	0.001135		8
Story1	DES 1.0D+1.0SY	Combination	Min			X	7.8E-05		10

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	DES 1.0D+1.0SY	Combination	Min			Y	0.000405		10
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max			X	0.000335		4
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max			Y	0.000744		8
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min			X	0.000148		10
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min			Y	0.00069		6
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max			X	0.00025		4
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max			Y	0.001186		8
Story1	DES 1.0D+0.75L+0.75SY	Combination	Min			X	0.000126		4
Story1	DES 1.0D+0.75L+0.75SY	Combination	Min			Y	0.000309		6
Story1	DES 0.6D+1.0SX	Combination	Max			X	0.000254		4
Story1	DES 0.6D+1.0SX	Combination	Max			Y	0.000344		8
Story1	DES 0.6D+1.0SX	Combination	Min			X	0.000185		10
Story1	DES 0.6D+1.0SX	Combination	Min			Y	0.000278		6
Story1	DES 0.6D+1.0SY	Combination	Max			X	0.000141		4
Story1	DES 0.6D+1.0SY	Combination	Max			Y	0.000933		8
Story1	DES 0.6D+1.0SY	Combination	Min			X	7.8E-05		10
Story1	DES 0.6D+1.0SY	Combination	Min			Y	0.000493		10
Story1	ELS 1.0D+1.0W1	Combination				X	9.7E-05		4
Story1	ELS 1.0D+1.0W1	Combination				Y	0.000777		6
Story1	ELS 1.0D+1.0W2	Combination				X	9.6E-05		4
Story1	ELS 1.0D+1.0W2	Combination				Y	0.000286		8
Story1	ELS 1.0D+0.75W1+0.75L	Combination				X	0.000189		4
Story1	ELS 1.0D+0.75W1+0.75L	Combination				Y	0.000917		8
Story1	ELS 1.0D+0.75W2+0.75L	Combination				X	0.000188		4
Story1	ELS 1.0D+0.75W2+0.75L	Combination				Y	0.000549		8
Story1	ELS 0.6D+1.0W1	Combination				Y	0.000576		6
Story1	ELS 0.6D+1.0W2	Combination				X	5.7E-05		4
Story1	ELS 0.6D+1.0W2	Combination				Y	0.000132		10
Story1	ELU 1.2D+0.8W1	Combination				X	0.000116		4
Story1	ELU 1.2D+0.8W1	Combination				Y	0.000822		6
Story1	ELU 1.2D+0.8W2	Combination				X	0.000115		4
Story1	ELU 1.2D+0.8W2	Combination				Y	0.00043		8
Story1	ELU 0.9D+1.6W1	Combination				Y	0.000891		6
Story1	ELU 0.9D+1.6W2	Combination				X	8.6E-05		4
Story1	ELU 0.9D+1.6W2	Combination				Y	0.000198		10
Story1	ELU 1.2D+1.6W1+1.0L	Combination				X	0.000239		4
Story1	ELU 1.2D+1.6W1+1.0L	Combination				Y	0.001318		8
Story1	ELU 1.2D+1.6W2+1.0L	Combination				X	0.000237		4
Story1	ELU 1.2D+1.6W2+1.0L	Combination				Y	0.000555		10
Story1	ELS 1.0D+1.0H+1.0L	Combination				X	0.000219		4
Story1	ELS 1.0D+1.0H+1.0L	Combination				Y	0.000782		8
Story1	ELS 1.0D+1.0H	Combination				X	9.6E-05		4
Story1	ELS 1.0D+1.0H	Combination				Y	0.000503		8
Story1	ELS 1.0D+1.0H+0.75L	Combination				X	0.000188		4
Story1	ELS 1.0D+1.0H+0.75L	Combination				Y	0.000712		8
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Max			X	0.000233		4
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Max			Y	0.000532		8
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Min			X	0.00013		10
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Min			Y	0.000486		6
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Max			X	0.000154		4
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Max			Y	0.000945		8
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Min			X	5.5E-05		10
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Min			Y	0.000218		10
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			X	0.000291		4
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			Y	0.000734		8

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			Y	0.000696		6
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			X	0.000232		4
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			Y	0.001044		8
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			X	0.000145		4
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			Y	0.000429		6
Story1	ELS 0.6D+1.0H	Combination				X	5.8E-05		4
Story1	ELS 0.6D+1.0H	Combination				Y	0.000302		8
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Max			X	0.000195		4
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Max			Y	0.000331		8
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Min			X	0.00013		10
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Min			Y	0.000285		6
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Max			X	0.000116		4
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Max			Y	0.000744		8
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Min			X	5.4E-05		10
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Min			Y	0.000306		10
Story1	ELU 1.2D+1.6H	Combination				X	0.000116		4
Story1	ELU 1.2D+1.6H	Combination				Y	0.000604		8
Story1	ELU 0.9D+1.6H	Combination				X	8.7E-05		4
Story1	ELU 0.9D+1.6H	Combination				Y	0.000453		8
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Max			X	0.000283		4
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Max			Y	0.000495		8
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Min			X	0.000185		10
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Min			Y	0.000429		6
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Max			X	0.00017		4
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Max			Y	0.001084		8
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Min			X	7.8E-05		10
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Min			Y	0.000427		10
Story1	DSID1	Combination				X	9.6E-05		4
Story1	DSID1	Combination				Y	0.000503		8
Story1	DSID2	Combination				X	0.000219		4
Story1	DSID2	Combination				Y	0.000782		8

Table 3.2 - Story Drifts (Part 2 of 2)

Story	X m	Y m	Z m
Story2	24.7896	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	24.7896	9.0078	3.6
Story2	33.0528	0	3.6
Story2	33.0528	9.0078	3.6
Story2	33.0528	0	3.6
Story2	16.529	9.0078	3.6
Story2	24.7896	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	0	3.6
Story2	33.0528	9.0078	3.6
Story2	33.0528	0	3.6
Story2	16.529	9.0078	3.6
Story2	24.7896	9.0078	3.6

Story	X m	Y m	Z m
Story2	16.529	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6

Story	X m	Y m	Z m
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6

Story	X m	Y m	Z m
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	24.7896	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6

Story	X m	Y m	Z m
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	24.7896	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	24.7896	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	0	9.0078	3.6
Story2	16.529	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	16.529	0	3.6
Story2	0	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story2	33.0528	9.0078	3.6
Story2	8.2632	9.0078	3.6
Story1	33.0528	9.0078	2.3
Story1	24.7896	9.0078	2.3

Story	X m	Y m	Z m
Story1	33.0528	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3

Story	X m	Y m	Z m
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3

[illegible]

Story	X m	Y m	Z m
Story1	24.7896	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	8.2632	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	24.7896	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3
Story1	33.0528	9.0078	2.3
Story1	16.529	9.0078	2.3

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				0.09	0
Story3	Bottom	Dead	LinStatic				3.67	0
Story3	Top	Live	LinStatic				1.49	0
Story3	Bottom	Live	LinStatic				16.36	0
Story3	Top	SX	LinRespSpec	Max			0	2.84
Story3	Bottom	SX	LinRespSpec	Max			0	2.84
Story3	Top	SY	LinRespSpec	Max			0	0.03
Story3	Bottom	SY	LinRespSpec	Max			0	0.03
Story3	Top	SXEST	LinStatic				0	-16.98
Story3	Bottom	SXEST	LinStatic				0	-16.98
Story3	Top	SYEST	LinStatic				0	0
Story3	Bottom	SYEST	LinStatic				0	0
Story3	Top	DS	LinStatic				2.38	0
Story3	Bottom	DS	LinStatic				26.18	0
Story3	Top	W1	LinStatic				1.49	0
Story3	Bottom	W1	LinStatic				16.36	0
Story3	Top	W2	LinStatic				-1.19	0
Story3	Bottom	W2	LinStatic				-13.09	0
Story3	Top	SX-UMBRAL	LinRespSpec	Max			0	3.55
Story3	Bottom	SX-UMBRAL	LinRespSpec	Max			0	3.55
Story3	Top	SY-UMBRAL	LinRespSpec	Max			0	0.02
Story3	Bottom	SY-UMBRAL	LinRespSpec	Max			0	0.02
Story3	Top	SX-UMBRAL-EST	LinStatic				0	-2.9
Story3	Bottom	SX-UMBRAL-EST	LinStatic				0	-2.9
Story3	Top	SY-UMBRAL-EST	LinStatic				0	0
Story3	Bottom	SY-UMBRAL-EST	LinStatic				0	0
Story3	Top	ELS 1.0D	Combination				2.47	0
Story3	Bottom	ELS 1.0D	Combination				29.85	0
Story3	Top	ELS 1.0D+1.0L	Combination				3.96	0
Story3	Bottom	ELS 1.0D+1.0L	Combination				46.21	0
Story3	Top	ELS 1.0D+0.75L	Combination				3.59	0
Story3	Bottom	ELS 1.0D+0.75L	Combination				42.12	0
Story3	Top	ELS 1.0D+0.75SX	Combination	Max			2.47	1.99

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Bottom	ELS 1.0D+0.7SX	Combination	Max			29.85	1.99
Story3	Top	ELS 1.0D+0.7SX	Combination	Min			2.47	-1.99
Story3	Bottom	ELS 1.0D+0.7SX	Combination	Min			29.85	-1.99
Story3	Top	ELS 1.0D+0.7SY	Combination	Max			2.47	0.02
Story3	Bottom	ELS 1.0D+0.7SY	Combination	Max			29.85	0.02
Story3	Top	ELS 1.0D+0.7SY	Combination	Min			2.47	-0.02
Story3	Bottom	ELS 1.0D+0.7SY	Combination	Min			29.85	-0.02
Story3	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max			3.59	1.49
Story3	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max			42.12	1.49
Story3	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min			3.59	-1.49
Story3	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min			42.12	-1.49
Story3	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max			3.59	0.01
Story3	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max			42.12	0.01
Story3	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min			3.59	-0.01
Story3	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min			42.12	-0.01
Story3	Top	ELS 0.6D+0.7SX	Combination	Max			1.48	1.99
Story3	Bottom	ELS 0.6D+0.7SX	Combination	Max			17.91	1.99
Story3	Top	ELS 0.6D+0.7SX	Combination	Min			1.48	-1.99
Story3	Bottom	ELS 0.6D+0.7SX	Combination	Min			17.91	-1.99
Story3	Top	ELS 0.6D+0.7SY	Combination	Max			1.48	0.02
Story3	Bottom	ELS 0.6D+0.7SY	Combination	Max			17.91	0.02
Story3	Top	ELS 0.6D+0.7SY	Combination	Min			1.48	-0.02
Story3	Bottom	ELS 0.6D+0.7SY	Combination	Min			17.91	-0.02
Story3	Top	ELU 1.4D	Combination				3.46	0
Story3	Bottom	ELU 1.4D	Combination				41.79	0
Story3	Top	ELU 1.2D+1.6L	Combination				5.35	0
Story3	Bottom	ELU 1.2D+1.6L	Combination				62	0
Story3	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			4.46	2.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			52.18	2.84
Story3	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			4.46	-2.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			52.18	-2.84
Story3	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			4.46	0.88
Story3	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			52.18	0.88
Story3	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			4.46	-0.88
Story3	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			52.18	-0.88
Story3	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			4.46	2.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			52.18	2.84
Story3	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			4.46	-2.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			52.18	-2.84
Story3	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			4.46	0.88
Story3	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			52.18	0.88
Story3	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			4.46	-0.88
Story3	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			52.18	-0.88
Story3	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			4.46	2.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			52.18	2.84
Story3	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			4.46	-2.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			52.18	-2.84
Story3	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			4.46	0.88
Story3	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			52.18	0.88
Story3	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			4.46	-0.88
Story3	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			52.18	-0.88
Story3	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			4.46	2.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			52.18	2.84
Story3	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			4.46	-2.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			52.18	-2.84

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			4.46	0.88
Story3	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			52.18	0.88
Story3	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			4.46	-0.88
Story3	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			52.18	-0.88
Story3	Top	ELU 0.9D	Combination				2.23	0
Story3	Bottom	ELU 0.9D	Combination				26.86	0
Story3	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max			2.23	2.84
Story3	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max			26.86	2.84
Story3	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min			2.23	-2.84
Story3	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min			26.86	-2.84
Story3	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max			2.23	0.88
Story3	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max			26.86	0.88
Story3	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min			2.23	-0.88
Story3	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min			26.86	-0.88
Story3	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max			2.23	2.84
Story3	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max			26.86	2.84
Story3	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min			2.23	-2.84
Story3	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min			26.86	-2.84
Story3	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max			2.23	0.88
Story3	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max			26.86	0.88
Story3	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min			2.23	-0.88
Story3	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min			26.86	-0.88
Story3	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max			2.23	2.84
Story3	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max			26.86	2.84
Story3	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min			2.23	-2.84
Story3	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min			26.86	-2.84
Story3	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max			2.23	0.88
Story3	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max			26.86	0.88
Story3	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min			2.23	-0.88
Story3	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min			26.86	-0.88
Story3	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max			2.23	2.84
Story3	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max			26.86	2.84
Story3	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min			2.23	-2.84
Story3	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min			26.86	-2.84
Story3	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max			2.23	0.88
Story3	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max			26.86	0.88
Story3	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min			2.23	-0.88
Story3	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min			26.86	-0.88
Story3	Top	CIM 1.0D	Combination				2.47	0
Story3	Bottom	CIM 1.0D	Combination				29.85	0
Story3	Top	CIM 1.0D+1.0L	Combination				3.96	0
Story3	Bottom	CIM 1.0D+1.0L	Combination				46.21	0
Story3	Top	CIM 0,6D	Combination				1.48	0
Story3	Bottom	CIM 0,6D	Combination				17.91	0
Story3	Top	CIM 0,6D+0.7SX	Combination	Max			1.48	1.99
Story3	Bottom	CIM 0,6D+0.7SX	Combination	Max			17.91	1.99
Story3	Top	CIM 0,6D+0.7SX	Combination	Min			1.48	-1.99
Story3	Bottom	CIM 0,6D+0.7SX	Combination	Min			17.91	-1.99
Story3	Top	CIM 0,6D+0.7SY	Combination	Max			1.48	0.02
Story3	Bottom	CIM 0,6D+0.7SY	Combination	Max			17.91	0.02
Story3	Top	CIM 0,6D+0.7SY	Combination	Min			1.48	-0.02
Story3	Bottom	CIM 0,6D+0.7SY	Combination	Min			17.91	-0.02
Story3	Top	CIM 1.0D+0.7SX	Combination	Max			2.47	1.99
Story3	Bottom	CIM 1.0D+0.7SX	Combination	Max			29.85	1.99
Story3	Top	CIM 1.0D+0.7SX	Combination	Min			2.47	-1.99

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Bottom	CIM 1.0D+0.7SX	Combination	Min			29.85	-1.99
Story3	Top	CIM 1.0D+0.7SY	Combination	Max			2.47	0.02
Story3	Bottom	CIM 1.0D+0.7SY	Combination	Max			29.85	0.02
Story3	Top	CIM 1.0D+0.7SY	Combination	Min			2.47	-0.02
Story3	Bottom	CIM 1.0D+0.7SY	Combination	Min			29.85	-0.02
Story3	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max			3.59	1.42
Story3	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max			42.12	1.42
Story3	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min			3.59	-1.42
Story3	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min			42.12	-1.42
Story3	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max			3.59	0.01
Story3	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max			42.12	0.01
Story3	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min			3.59	-0.01
Story3	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min			42.12	-0.01
Story3	Top	DES 1.0D+1.0SX	Combination	Max			2.47	2.84
Story3	Bottom	DES 1.0D+1.0SX	Combination	Max			29.85	2.84
Story3	Top	DES 1.0D+1.0SX	Combination	Min			2.47	-2.84
Story3	Bottom	DES 1.0D+1.0SX	Combination	Min			29.85	-2.84
Story3	Top	DES 1.0D+1.0SY	Combination	Max			2.47	0.03
Story3	Bottom	DES 1.0D+1.0SY	Combination	Max			29.85	0.03
Story3	Top	DES 1.0D+1.0SY	Combination	Min			2.47	-0.03
Story3	Bottom	DES 1.0D+1.0SY	Combination	Min			29.85	-0.03
Story3	Top	DES 1.0D+0.75L+0.75SX	Combination	Max			3.59	2.13
Story3	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max			42.12	2.13
Story3	Top	DES 1.0D+0.75L+0.75SX	Combination	Min			3.59	-2.13
Story3	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min			42.12	-2.13
Story3	Top	DES 1.0D+0.75L+0.75SY	Combination	Max			3.59	0.02
Story3	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max			42.12	0.02
Story3	Top	DES 1.0D+0.75L+0.75SY	Combination	Min			3.59	-0.02
Story3	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min			42.12	-0.02
Story3	Top	DES 0.6D+1.0SX	Combination	Max			1.48	2.84
Story3	Bottom	DES 0.6D+1.0SX	Combination	Max			17.91	2.84
Story3	Top	DES 0.6D+1.0SX	Combination	Min			1.48	-2.84
Story3	Bottom	DES 0.6D+1.0SX	Combination	Min			17.91	-2.84
Story3	Top	DES 0.6D+1.0SY	Combination	Max			1.48	0.03
Story3	Bottom	DES 0.6D+1.0SY	Combination	Max			17.91	0.03
Story3	Top	DES 0.6D+1.0SY	Combination	Min			1.48	-0.03
Story3	Bottom	DES 0.6D+1.0SY	Combination	Min			17.91	-0.03
Story3	Top	ELS 1.0D+1.0W1	Combination				3.96	0
Story3	Bottom	ELS 1.0D+1.0W1	Combination				46.21	0
Story3	Top	ELS 1.0D+1.0W2	Combination				1.28	0
Story3	Bottom	ELS 1.0D+1.0W2	Combination				16.76	0
Story3	Top	ELS 1.0D+0.75W1+0.75L	Combination				4.7	0
Story3	Bottom	ELS 1.0D+0.75W1+0.75L	Combination				54.39	0
Story3	Top	ELS 1.0D+0.75W2+0.75L	Combination				2.7	0
Story3	Bottom	ELS 1.0D+0.75W2+0.75L	Combination				32.3	0
Story3	Top	ELS 0.6D+1.0W1	Combination				2.97	0
Story3	Bottom	ELS 0.6D+1.0W1	Combination				34.27	0
Story3	Top	ELS 0.6D+1.0W2	Combination				0.29	0
Story3	Bottom	ELS 0.6D+1.0W2	Combination				4.82	0
Story3	Top	ELU 1.2D+0.8W1	Combination				4.16	0
Story3	Bottom	ELU 1.2D+0.8W1	Combination				48.91	0
Story3	Top	ELU 1.2D+0.8W2	Combination				2.02	0
Story3	Bottom	ELU 1.2D+0.8W2	Combination				25.35	0
Story3	Top	ELU 0.9D+1.6W1	Combination				4.61	0
Story3	Bottom	ELU 0.9D+1.6W1	Combination				53.04	0

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story3	Top	ELU 0.9D+1.6W2	Combination				0.32	0
Story3	Bottom	ELU 0.9D+1.6W2	Combination				5.92	0
Story3	Top	ELU 1.2D+1.6W1+1.0L	Combination				6.84	0
Story3	Bottom	ELU 1.2D+1.6W1+1.0L	Combination				78.36	0
Story3	Top	ELU 1.2D+1.6W2+1.0L	Combination				2.55	0
Story3	Bottom	ELU 1.2D+1.6W2+1.0L	Combination				31.24	0
Story3	Top	ELS 1.0D+1.0H+1.0L	Combination				3.96	0
Story3	Bottom	ELS 1.0D+1.0H+1.0L	Combination				46.21	0
Story3	Top	ELS 1.0D+1.0H	Combination				2.47	0
Story3	Bottom	ELS 1.0D+1.0H	Combination				29.85	0
Story3	Top	ELS 1.0D+1.0H+0.75L	Combination				3.59	0
Story3	Bottom	ELS 1.0D+1.0H+0.75L	Combination				42.12	0
Story3	Top	ELS 1.0D+1.0H+0.7SX	Combination	Max			2.47	1.99
Story3	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Max			29.85	1.99
Story3	Top	ELS 1.0D+1.0H+0.7SX	Combination	Min			2.47	-1.99
Story3	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Min			29.85	-1.99
Story3	Top	ELS 1.0D+1.0H+0.7SY	Combination	Max			2.47	0.02
Story3	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Max			29.85	0.02
Story3	Top	ELS 1.0D+1.0H+0.7SY	Combination	Min			2.47	-0.02
Story3	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Min			29.85	-0.02
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			3.59	1.49
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			42.12	1.49
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			3.59	-1.49
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			42.12	-1.49
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			3.59	0.01
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			42.12	0.01
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			3.59	-0.01
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			42.12	-0.01
Story3	Top	ELS 0.6D+1.0H	Combination				1.48	0
Story3	Bottom	ELS 0.6D+1.0H	Combination				17.91	0
Story3	Top	ELS 0.6D+1.0H+0.7SX	Combination	Max			1.48	1.99
Story3	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Max			17.91	1.99
Story3	Top	ELS 0.6D+1.0H+0.7SX	Combination	Min			1.48	-1.99
Story3	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Min			17.91	-1.99
Story3	Top	ELS 0.6D+1.0H+0.7SY	Combination	Max			1.48	0.02
Story3	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Max			17.91	0.02
Story3	Top	ELS 0.6D+1.0H+0.7SY	Combination	Min			1.48	-0.02
Story3	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Min			17.91	-0.02
Story3	Top	ELU 1.2D+1.6H	Combination				2.97	0
Story3	Bottom	ELU 1.2D+1.6H	Combination				35.82	0
Story3	Top	ELU 0.9D+1.6H	Combination				2.23	0
Story3	Bottom	ELU 0.9D+1.6H	Combination				26.86	0
Story3	Top	ELU 0.9D+1.6H+1.0SX	Combination	Max			2.23	2.84
Story3	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Max			26.86	2.84
Story3	Top	ELU 0.9D+1.6H+1.0SX	Combination	Min			2.23	-2.84
Story3	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Min			26.86	-2.84
Story3	Top	ELU 0.9D+1.6H+1.0SY	Combination	Max			2.23	0.03
Story3	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Max			26.86	0.03
Story3	Top	ELU 0.9D+1.6H+1.0SY	Combination	Min			2.23	-0.03
Story3	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Min			26.86	-0.03
Story3	Top	DStID1	Combination				2.47	0
Story3	Bottom	DStID1	Combination				29.85	0
Story3	Top	DStID2	Combination				3.96	0
Story3	Bottom	DStID2	Combination				46.21	0
Story2	Top	Dead	LinStatic				85.91	0

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story2	Bottom	Dead	LinStatic				47.2	-0.07
Story2	Top	Live	LinStatic				116.9	0
Story2	Bottom	Live	LinStatic				58.39	-0.09
Story2	Top	SX	LinRespSpec	Max			0	20.08
Story2	Bottom	SX	LinRespSpec	Max			0.14	9.26
Story2	Top	SY	LinRespSpec	Max			0	1.66
Story2	Bottom	SY	LinRespSpec	Max			3.2	3.9
Story2	Top	SXEST	LinStatic				0	-111.07
Story2	Bottom	SXEST	LinStatic				-0.02	-55.52
Story2	Top	SYEST	LinStatic				0	0
Story2	Bottom	SYEST	LinStatic				13.21	-8.77
Story2	Top	DS	LinStatic				46.29	0
Story2	Bottom	DS	LinStatic				23.14	-0.05
Story2	Top	W1	LinStatic				16.36	0
Story2	Bottom	W1	LinStatic				8.19	-0.02
Story2	Top	W2	LinStatic				-13.09	0
Story2	Bottom	W2	LinStatic				-6.55	0.02
Story2	Top	SX-UMBRAL	LinRespSpec	Max			0	17.23
Story2	Bottom	SX-UMBRAL	LinRespSpec	Max			0.13	7.88
Story2	Top	SY-UMBRAL	LinRespSpec	Max			0	0.87
Story2	Bottom	SY-UMBRAL	LinRespSpec	Max			2.04	2.4
Story2	Top	SX-UMBRAL-EST	LinStatic				0	-18.96
Story2	Bottom	SX-UMBRAL-EST	LinStatic				-0.003684	-9.48
Story2	Top	SY-UMBRAL-EST	LinStatic				0	0
Story2	Bottom	SY-UMBRAL-EST	LinStatic				2.25	-1.5
Story2	Top	ELS 1.0D	Combination				132.2	0
Story2	Bottom	ELS 1.0D	Combination				70.34	-0.12
Story2	Top	ELS 1.0D+1.0L	Combination				249.1	0
Story2	Bottom	ELS 1.0D+1.0L	Combination				128.73	-0.21
Story2	Top	ELS 1.0D+0.75L	Combination				219.87	0
Story2	Bottom	ELS 1.0D+0.75L	Combination				114.13	-0.19
Story2	Top	ELS 1.0D+0.7SX	Combination	Max			132.2	14.06
Story2	Bottom	ELS 1.0D+0.7SX	Combination	Max			70.44	6.35
Story2	Top	ELS 1.0D+0.7SX	Combination	Min			132.2	-14.06
Story2	Bottom	ELS 1.0D+0.7SX	Combination	Min			70.24	-6.6
Story2	Top	ELS 1.0D+0.7SY	Combination	Max			132.2	1.16
Story2	Bottom	ELS 1.0D+0.7SY	Combination	Max			72.58	2.61
Story2	Top	ELS 1.0D+0.7SY	Combination	Min			132.2	-1.16
Story2	Bottom	ELS 1.0D+0.7SY	Combination	Min			68.1	-2.86
Story2	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max			219.87	10.54
Story2	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max			114.21	4.67
Story2	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min			219.87	-10.54
Story2	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min			114.06	-5.05
Story2	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max			219.87	0.87
Story2	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max			115.81	1.86
Story2	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min			219.87	-0.87
Story2	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min			112.45	-2.24
Story2	Top	ELS 0.6D+0.7SX	Combination	Max			79.32	14.06
Story2	Bottom	ELS 0.6D+0.7SX	Combination	Max			42.3	6.4
Story2	Top	ELS 0.6D+0.7SX	Combination	Min			79.32	-14.06
Story2	Bottom	ELS 0.6D+0.7SX	Combination	Min			42.1	-6.55
Story2	Top	ELS 0.6D+0.7SY	Combination	Max			79.32	1.16
Story2	Bottom	ELS 0.6D+0.7SY	Combination	Max			44.44	2.66
Story2	Top	ELS 0.6D+0.7SY	Combination	Min			79.32	-1.16
Story2	Bottom	ELS 0.6D+0.7SY	Combination	Min			39.96	-2.81

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story2	Top	ELU 1.4D	Combination				185.08	0
Story2	Bottom	ELU 1.4D	Combination				98.47	-0.17
Story2	Top	ELU 1.2D+1.6L	Combination				345.68	0
Story2	Bottom	ELU 1.2D+1.6L	Combination				177.83	-0.29
Story2	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			275.54	20.58
Story2	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			143.9	10.19
Story2	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			275.54	-20.58
Story2	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			141.69	-10.67
Story2	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			275.54	7.69
Story2	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			146.04	6.44
Story2	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			275.54	-7.69
Story2	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			139.56	-6.92
Story2	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			275.54	20.58
Story2	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			143.9	10.19
Story2	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			275.54	-20.58
Story2	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			141.69	-10.67
Story2	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			275.54	7.69
Story2	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			146.04	6.44
Story2	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			275.54	-7.69
Story2	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			139.56	-6.92
Story2	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			275.54	20.58
Story2	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			143.9	10.19
Story2	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			275.54	-20.58
Story2	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			141.69	-10.67
Story2	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			275.54	7.69
Story2	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			146.04	6.44
Story2	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			275.54	-7.69
Story2	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			139.56	-6.92
Story2	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			275.54	20.58
Story2	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			143.9	10.19
Story2	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			275.54	-20.58
Story2	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			141.69	-10.67
Story2	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			275.54	7.69
Story2	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			146.04	6.44
Story2	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			275.54	-7.69
Story2	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			139.56	-6.92
Story2	Top	ELU 0.9D	Combination				118.98	0
Story2	Bottom	ELU 0.9D	Combination				63.3	-0.11
Story2	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max			118.98	20.58
Story2	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max			64.41	10.31
Story2	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min			118.98	-20.58
Story2	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min			62.2	-10.54
Story2	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max			118.98	7.69
Story2	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max			66.54	6.57
Story2	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min			118.98	-7.69
Story2	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min			60.06	-6.79
Story2	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max			118.98	20.58
Story2	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max			64.41	10.31
Story2	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min			118.98	-20.58
Story2	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min			62.2	-10.54
Story2	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max			118.98	7.69
Story2	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max			66.54	6.57
Story2	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min			118.98	-7.69
Story2	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min			60.06	-6.79
Story2	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max			118.98	20.58

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story2	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max			64.41	10.31
Story2	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min			118.98	-20.58
Story2	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min			62.2	-10.54
Story2	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max			118.98	7.69
Story2	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max			66.54	6.57
Story2	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min			118.98	-7.69
Story2	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min			60.06	-6.79
Story2	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max			118.98	20.58
Story2	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max			64.41	10.31
Story2	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min			118.98	-20.58
Story2	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min			62.2	-10.54
Story2	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max			118.98	7.69
Story2	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max			66.54	6.57
Story2	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min			118.98	-7.69
Story2	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min			60.06	-6.79
Story2	Top	CIM 1.0D	Combination				132.2	0
Story2	Bottom	CIM 1.0D	Combination				70.34	-0.12
Story2	Top	CIM 1.0D+1.0L	Combination				249.1	0
Story2	Bottom	CIM 1.0D+1.0L	Combination				128.73	-0.21
Story2	Top	CIM 0.6D	Combination				79.32	0
Story2	Bottom	CIM 0.6D	Combination				42.2	-0.07
Story2	Top	CIM 0.6D+0.7SX	Combination	Max			79.32	14.06
Story2	Bottom	CIM 0.6D+0.7SX	Combination	Max			42.3	6.4
Story2	Top	CIM 0.6D+0.7SX	Combination	Min			79.32	-14.06
Story2	Bottom	CIM 0.6D+0.7SX	Combination	Min			42.1	-6.55
Story2	Top	CIM 0.6D+0.7SY	Combination	Max			79.32	1.16
Story2	Bottom	CIM 0.6D+0.7SY	Combination	Max			44.44	2.66
Story2	Top	CIM 0.6D+0.7SY	Combination	Min			79.32	-1.16
Story2	Bottom	CIM 0.6D+0.7SY	Combination	Min			39.96	-2.81
Story2	Top	CIM 1.0D+0.7SX	Combination	Max			132.2	14.06
Story2	Bottom	CIM 1.0D+0.7SX	Combination	Max			70.44	6.35
Story2	Top	CIM 1.0D+0.7SX	Combination	Min			132.2	-14.06
Story2	Bottom	CIM 1.0D+0.7SX	Combination	Min			70.24	-6.6
Story2	Top	CIM 1.0D+0.7SY	Combination	Max			132.2	1.16
Story2	Bottom	CIM 1.0D+0.7SY	Combination	Max			72.58	2.61
Story2	Top	CIM 1.0D+0.7SY	Combination	Min			132.2	-1.16
Story2	Bottom	CIM 1.0D+0.7SY	Combination	Min			68.1	-2.86
Story2	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max			219.87	10.04
Story2	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max			114.2	4.44
Story2	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min			219.87	-10.04
Story2	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min			114.06	-4.82
Story2	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max			219.87	0.83
Story2	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max			115.73	1.76
Story2	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min			219.87	-0.83
Story2	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min			112.53	-2.14
Story2	Top	DES 1.0D+1.0SX	Combination	Max			132.2	20.08
Story2	Bottom	DES 1.0D+1.0SX	Combination	Max			70.48	9.13
Story2	Top	DES 1.0D+1.0SX	Combination	Min			132.2	-20.08
Story2	Bottom	DES 1.0D+1.0SX	Combination	Min			70.19	-9.38
Story2	Top	DES 1.0D+1.0SY	Combination	Max			132.2	1.66
Story2	Bottom	DES 1.0D+1.0SY	Combination	Max			73.53	3.78
Story2	Top	DES 1.0D+1.0SY	Combination	Min			132.2	-1.66
Story2	Bottom	DES 1.0D+1.0SY	Combination	Min			67.14	-4.03
Story2	Top	DES 1.0D+0.75L+0.75SX	Combination	Max			219.87	15.06
Story2	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max			114.24	6.75

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story2	Top	DES 1.0D+0.75L+0.75SX	Combination	Min			219.87	-15.06
Story2	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min			114.02	-7.13
Story2	Top	DES 1.0D+0.75L+0.75SY	Combination	Max			219.87	1.25
Story2	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max			116.53	2.73
Story2	Top	DES 1.0D+0.75L+0.75SY	Combination	Min			219.87	-1.25
Story2	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min			111.73	-3.12
Story2	Top	DES 0.6D+1.0SX	Combination	Max			79.32	20.08
Story2	Bottom	DES 0.6D+1.0SX	Combination	Max			42.35	9.18
Story2	Top	DES 0.6D+1.0SX	Combination	Min			79.32	-20.08
Story2	Bottom	DES 0.6D+1.0SX	Combination	Min			42.06	-9.33
Story2	Top	DES 0.6D+1.0SY	Combination	Max			79.32	1.66
Story2	Bottom	DES 0.6D+1.0SY	Combination	Max			45.4	3.83
Story2	Top	DES 0.6D+1.0SY	Combination	Min			79.32	-1.66
Story2	Bottom	DES 0.6D+1.0SY	Combination	Min			39	-3.98
Story2	Top	ELS 1.0D+1.0W1	Combination				148.56	0
Story2	Bottom	ELS 1.0D+1.0W1	Combination				78.52	-0.15
Story2	Top	ELS 1.0D+1.0W2	Combination				119.11	0
Story2	Bottom	ELS 1.0D+1.0W2	Combination				63.79	-0.11
Story2	Top	ELS 1.0D+0.75W1+0.75L	Combination				232.15	0
Story2	Bottom	ELS 1.0D+0.75W1+0.75L	Combination				120.27	-0.21
Story2	Top	ELS 1.0D+0.75W2+0.75L	Combination				210.06	0
Story2	Bottom	ELS 1.0D+0.75W2+0.75L	Combination				109.22	-0.18
Story2	Top	ELS 0.6D+1.0W1	Combination				95.68	0
Story2	Bottom	ELS 0.6D+1.0W1	Combination				50.39	-0.1
Story2	Top	ELS 0.6D+1.0W2	Combination				66.23	0
Story2	Bottom	ELS 0.6D+1.0W2	Combination				35.65	-0.06
Story2	Top	ELU 1.2D+0.8W1	Combination				171.73	0
Story2	Bottom	ELU 1.2D+0.8W1	Combination				90.95	-0.17
Story2	Top	ELU 1.2D+0.8W2	Combination				148.17	0
Story2	Bottom	ELU 1.2D+0.8W2	Combination				79.16	-0.13
Story2	Top	ELU 0.9D+1.6W1	Combination				145.16	0
Story2	Bottom	ELU 0.9D+1.6W1	Combination				76.4	-0.15
Story2	Top	ELU 0.9D+1.6W2	Combination				98.04	0
Story2	Bottom	ELU 0.9D+1.6W2	Combination				52.82	-0.08
Story2	Top	ELU 1.2D+1.6W1+1.0L	Combination				301.72	0
Story2	Bottom	ELU 1.2D+1.6W1+1.0L	Combination				155.9	-0.28
Story2	Top	ELU 1.2D+1.6W2+1.0L	Combination				254.6	0
Story2	Bottom	ELU 1.2D+1.6W2+1.0L	Combination				132.32	-0.21
Story2	Top	ELS 1.0D+1.0H+1.0L	Combination				249.1	0
Story2	Bottom	ELS 1.0D+1.0H+1.0L	Combination				128.73	-0.21
Story2	Top	ELS 1.0D+1.0H	Combination				132.2	0
Story2	Bottom	ELS 1.0D+1.0H	Combination				70.34	-0.12
Story2	Top	ELS 1.0D+1.0H+0.75L	Combination				219.87	0
Story2	Bottom	ELS 1.0D+1.0H+0.75L	Combination				114.13	-0.19
Story2	Top	ELS 1.0D+1.0H+0.7SX	Combination	Max			132.2	14.06
Story2	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Max			70.44	6.35
Story2	Top	ELS 1.0D+1.0H+0.7SX	Combination	Min			132.2	-14.06
Story2	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Min			70.24	-6.6
Story2	Top	ELS 1.0D+1.0H+0.7SY	Combination	Max			132.2	1.16
Story2	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Max			72.58	2.61
Story2	Top	ELS 1.0D+1.0H+0.7SY	Combination	Min			132.2	-1.16
Story2	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Min			68.1	-2.86
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			219.87	10.54
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			114.21	4.67
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			219.87	-10.54

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			114.06	-5.05
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			219.87	0.87
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			115.81	1.86
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			219.87	-0.87
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			112.45	-2.24
Story2	Top	ELS 0.6D+1.0H	Combination				79.32	0
Story2	Bottom	ELS 0.6D+1.0H	Combination				42.2	-0.07
Story2	Top	ELS 0.6D+1.0H+0.7SX	Combination	Max			79.32	14.06
Story2	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Max			42.3	6.4
Story2	Top	ELS 0.6D+1.0H+0.7SX	Combination	Min			79.32	-14.06
Story2	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Min			42.1	-6.55
Story2	Top	ELS 0.6D+1.0H+0.7SY	Combination	Max			79.32	1.16
Story2	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Max			44.44	2.66
Story2	Top	ELS 0.6D+1.0H+0.7SY	Combination	Min			79.32	-1.16
Story2	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Min			39.96	-2.81
Story2	Top	ELU 1.2D+1.6H	Combination				158.64	0
Story2	Bottom	ELU 1.2D+1.6H	Combination				84.4	-0.15
Story2	Top	ELU 0.9D+1.6H	Combination				118.98	0
Story2	Bottom	ELU 0.9D+1.6H	Combination				63.3	-0.11
Story2	Top	ELU 0.9D+1.6H+1.0SX	Combination	Max			118.98	20.08
Story2	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Max			63.45	9.14
Story2	Top	ELU 0.9D+1.6H+1.0SX	Combination	Min			118.98	-20.08
Story2	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Min			63.16	-9.37
Story2	Top	ELU 0.9D+1.6H+1.0SY	Combination	Max			118.98	1.66
Story2	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Max			66.5	3.79
Story2	Top	ELU 0.9D+1.6H+1.0SY	Combination	Min			118.98	-1.66
Story2	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Min			60.11	-4.01
Story2	Top	DStID1	Combination				132.2	0
Story2	Bottom	DStID1	Combination				70.34	-0.12
Story2	Top	DStID2	Combination				249.1	0
Story2	Bottom	DStID2	Combination				128.73	-0.21
Story1	Top	Dead	LinStatic				55.99	-0.07
Story1	Bottom	Dead	LinStatic				64.07	-0.07
Story1	Top	Live	LinStatic				58.39	-0.09
Story1	Bottom	Live	LinStatic				58.39	-0.09
Story1	Top	SX	LinRespSpec	Max			0.14	10.19
Story1	Bottom	SX	LinRespSpec	Max			0.14	10.19
Story1	Top	SY	LinRespSpec	Max			3.2	4.13
Story1	Bottom	SY	LinRespSpec	Max			3.2	4.13
Story1	Top	SXEST	LinStatic				-0.02	-61.62
Story1	Bottom	SXEST	LinStatic				-0.02	-61.62
Story1	Top	SYEST	LinStatic				13.21	-8.77
Story1	Bottom	SYEST	LinStatic				13.21	-8.77
Story1	Top	DS	LinStatic				23.14	-0.05
Story1	Bottom	DS	LinStatic				23.14	-0.05
Story1	Top	W1	LinStatic				8.19	-0.02
Story1	Bottom	W1	LinStatic				8.19	-0.02
Story1	Top	W2	LinStatic				-6.55	0.02
Story1	Bottom	W2	LinStatic				-6.55	0.02
Story1	Top	SX-UMBRAL	LinRespSpec	Max			0.13	8.64
Story1	Bottom	SX-UMBRAL	LinRespSpec	Max			0.13	8.64
Story1	Top	SY-UMBRAL	LinRespSpec	Max			2.04	2.52
Story1	Bottom	SY-UMBRAL	LinRespSpec	Max			2.04	2.52
Story1	Top	SX-UMBRAL-EST	LinStatic				-0.003684	-10.52
Story1	Bottom	SX-UMBRAL-EST	LinStatic				-0.003684	-10.52

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story1	Top	SY-UMBRAL-EST	LinStatic				2.25	-1.5
Story1	Bottom	SY-UMBRAL-EST	LinStatic				2.25	-1.5
Story1	Top	ELS 1.0D	Combination				79.13	-0.12
Story1	Bottom	ELS 1.0D	Combination				87.21	-0.12
Story1	Top	ELS 1.0D+1.0L	Combination				137.52	-0.21
Story1	Bottom	ELS 1.0D+1.0L	Combination				145.61	-0.21
Story1	Top	ELS 1.0D+0.75L	Combination				122.93	-0.19
Story1	Bottom	ELS 1.0D+0.75L	Combination				131.01	-0.19
Story1	Top	ELS 1.0D+0.7SX	Combination	Max			79.23	7.01
Story1	Bottom	ELS 1.0D+0.7SX	Combination	Max			87.31	7.01
Story1	Top	ELS 1.0D+0.7SX	Combination	Min			79.03	-7.26
Story1	Bottom	ELS 1.0D+0.7SX	Combination	Min			87.11	-7.26
Story1	Top	ELS 1.0D+0.7SY	Combination	Max			81.37	2.77
Story1	Bottom	ELS 1.0D+0.7SY	Combination	Max			89.45	2.77
Story1	Top	ELS 1.0D+0.7SY	Combination	Min			76.89	-3.01
Story1	Bottom	ELS 1.0D+0.7SY	Combination	Min			84.98	-3.01
Story1	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max			123	5.16
Story1	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max			131.08	5.16
Story1	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min			122.85	-5.54
Story1	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min			130.93	-5.54
Story1	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max			124.6	1.98
Story1	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max			132.69	1.98
Story1	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min			121.25	-2.36
Story1	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min			129.33	-2.36
Story1	Top	ELS 0.6D+0.7SX	Combination	Max			47.58	7.06
Story1	Bottom	ELS 0.6D+0.7SX	Combination	Max			52.43	7.06
Story1	Top	ELS 0.6D+0.7SX	Combination	Min			47.38	-7.21
Story1	Bottom	ELS 0.6D+0.7SX	Combination	Min			52.23	-7.21
Story1	Top	ELS 0.6D+0.7SY	Combination	Max			49.72	2.82
Story1	Bottom	ELS 0.6D+0.7SY	Combination	Max			54.57	2.82
Story1	Top	ELS 0.6D+0.7SY	Combination	Min			45.24	-2.96
Story1	Bottom	ELS 0.6D+0.7SY	Combination	Min			50.09	-2.96
Story1	Top	ELU 1.4D	Combination				110.78	-0.17
Story1	Bottom	ELU 1.4D	Combination				122.1	-0.17
Story1	Top	ELU 1.2D+1.6L	Combination				188.38	-0.29
Story1	Bottom	ELU 1.2D+1.6L	Combination				198.08	-0.29
Story1	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			154.45	11.19
Story1	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			164.15	11.19
Story1	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			152.25	-11.67
Story1	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			161.95	-11.67
Story1	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			156.59	6.94
Story1	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			166.29	6.94
Story1	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			150.11	-7.42
Story1	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			159.81	-7.42
Story1	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			154.45	11.19
Story1	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			164.15	11.19
Story1	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			152.25	-11.67
Story1	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			161.95	-11.67
Story1	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			156.59	6.94
Story1	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			166.29	6.94
Story1	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			150.11	-7.42
Story1	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			159.81	-7.42
Story1	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			154.45	11.19
Story1	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			164.15	11.19
Story1	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			152.25	-11.67

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story1	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			161.95	-11.67
Story1	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			156.59	6.94
Story1	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			166.29	6.94
Story1	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			150.11	-7.42
Story1	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			159.81	-7.42
Story1	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			154.45	11.19
Story1	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			164.15	11.19
Story1	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			152.25	-11.67
Story1	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			161.95	-11.67
Story1	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			156.59	6.94
Story1	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			166.29	6.94
Story1	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			150.11	-7.42
Story1	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			159.81	-7.42
Story1	Top	ELU 0.9D	Combination				71.22	-0.11
Story1	Bottom	ELU 0.9D	Combination				78.49	-0.11
Story1	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max			72.32	11.31
Story1	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max			79.6	11.31
Story1	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min			70.12	-11.54
Story1	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min			77.39	-11.54
Story1	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max			74.46	7.07
Story1	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max			81.73	7.07
Story1	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min			67.98	-7.3
Story1	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min			75.25	-7.3
Story1	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max			72.32	11.31
Story1	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max			79.6	11.31
Story1	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min			70.12	-11.54
Story1	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min			77.39	-11.54
Story1	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max			74.46	7.07
Story1	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max			81.73	7.07
Story1	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min			67.98	-7.3
Story1	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min			75.25	-7.3
Story1	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max			72.32	11.31
Story1	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max			79.6	11.31
Story1	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min			70.12	-11.54
Story1	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min			77.39	-11.54
Story1	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max			74.46	7.07
Story1	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max			81.73	7.07
Story1	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min			67.98	-7.3
Story1	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min			75.25	-7.3
Story1	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max			72.32	11.31
Story1	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max			79.6	11.31
Story1	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min			70.12	-11.54
Story1	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min			77.39	-11.54
Story1	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max			74.46	7.07
Story1	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max			81.73	7.07
Story1	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min			67.98	-7.3
Story1	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min			75.25	-7.3
Story1	Top	CIM 1.0D	Combination				79.13	-0.12
Story1	Bottom	CIM 1.0D	Combination				87.21	-0.12
Story1	Top	CIM 1.0D+1.0L	Combination				137.52	-0.21
Story1	Bottom	CIM 1.0D+1.0L	Combination				145.61	-0.21
Story1	Top	CIM 0,6D	Combination				47.48	-0.07
Story1	Bottom	CIM 0,6D	Combination				52.33	-0.07
Story1	Top	CIM 0,6D+0.7SX	Combination	Max			47.58	7.06
Story1	Bottom	CIM 0,6D+0.7SX	Combination	Max			52.43	7.06

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story1	Top	CIM 0,6D+0.7SX	Combination	Min			47.38	-7.21
Story1	Bottom	CIM 0,6D+0.7SX	Combination	Min			52.23	-7.21
Story1	Top	CIM 0,6D+0.7SY	Combination	Max			49.72	2.82
Story1	Bottom	CIM 0,6D+0.7SY	Combination	Max			54.57	2.82
Story1	Top	CIM 0,6D+0.7SY	Combination	Min			45.24	-2.96
Story1	Bottom	CIM 0,6D+0.7SY	Combination	Min			50.09	-2.96
Story1	Top	CIM 1.0D+0.7SX	Combination	Max			79.23	7.01
Story1	Bottom	CIM 1.0D+0.7SX	Combination	Max			87.31	7.01
Story1	Top	CIM 1.0D+0.7SX	Combination	Min			79.03	-7.26
Story1	Bottom	CIM 1.0D+0.7SX	Combination	Min			87.11	-7.26
Story1	Top	CIM 1.0D+0.7SY	Combination	Max			81.37	2.77
Story1	Bottom	CIM 1.0D+0.7SY	Combination	Max			89.45	2.77
Story1	Top	CIM 1.0D+0.7SY	Combination	Min			76.89	-3.01
Story1	Bottom	CIM 1.0D+0.7SY	Combination	Min			84.98	-3.01
Story1	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max			123	4.9
Story1	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max			131.08	4.9
Story1	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min			122.85	-5.29
Story1	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min			130.94	-5.29
Story1	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max			124.52	1.87
Story1	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max			132.61	1.87
Story1	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min			121.33	-2.26
Story1	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min			129.41	-2.26
Story1	Top	DES 1.0D+1.0SX	Combination	Max			79.28	10.06
Story1	Bottom	DES 1.0D+1.0SX	Combination	Max			87.36	10.06
Story1	Top	DES 1.0D+1.0SX	Combination	Min			78.99	-10.31
Story1	Bottom	DES 1.0D+1.0SX	Combination	Min			87.07	-10.31
Story1	Top	DES 1.0D+1.0SY	Combination	Max			82.33	4
Story1	Bottom	DES 1.0D+1.0SY	Combination	Max			90.41	4
Story1	Top	DES 1.0D+1.0SY	Combination	Min			75.93	-4.25
Story1	Bottom	DES 1.0D+1.0SY	Combination	Min			84.02	-4.25
Story1	Top	DES 1.0D+0.75L+0.75SX	Combination	Max			123.03	7.45
Story1	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max			131.12	7.45
Story1	Top	DES 1.0D+0.75L+0.75SX	Combination	Min			122.82	-7.83
Story1	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min			130.9	-7.83
Story1	Top	DES 1.0D+0.75L+0.75SY	Combination	Max			125.32	2.9
Story1	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max			133.41	2.9
Story1	Top	DES 1.0D+0.75L+0.75SY	Combination	Min			120.53	-3.29
Story1	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min			128.61	-3.29
Story1	Top	DES 0.6D+1.0SX	Combination	Max			47.62	10.11
Story1	Bottom	DES 0.6D+1.0SX	Combination	Max			52.47	10.11
Story1	Top	DES 0.6D+1.0SX	Combination	Min			47.34	-10.26
Story1	Bottom	DES 0.6D+1.0SX	Combination	Min			52.18	-10.26
Story1	Top	DES 0.6D+1.0SY	Combination	Max			50.68	4.05
Story1	Bottom	DES 0.6D+1.0SY	Combination	Max			55.53	4.05
Story1	Top	DES 0.6D+1.0SY	Combination	Min			44.28	-4.2
Story1	Bottom	DES 0.6D+1.0SY	Combination	Min			49.13	-4.2
Story1	Top	ELS 1.0D+1.0W1	Combination				87.32	-0.15
Story1	Bottom	ELS 1.0D+1.0W1	Combination				95.4	-0.15
Story1	Top	ELS 1.0D+1.0W2	Combination				72.58	-0.11
Story1	Bottom	ELS 1.0D+1.0W2	Combination				80.66	-0.11
Story1	Top	ELS 1.0D+0.75W1+0.75L	Combination				129.07	-0.21
Story1	Bottom	ELS 1.0D+0.75W1+0.75L	Combination				137.15	-0.21
Story1	Top	ELS 1.0D+0.75W2+0.75L	Combination				118.01	-0.18
Story1	Bottom	ELS 1.0D+0.75W2+0.75L	Combination				126.1	-0.18
Story1	Top	ELS 0.6D+1.0W1	Combination				55.67	-0.1

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story1	Bottom	ELS 0.6D+1.0W1	Combination				60.52	-0.1
Story1	Top	ELS 0.6D+1.0W2	Combination				40.93	-0.06
Story1	Bottom	ELS 0.6D+1.0W2	Combination				45.78	-0.06
Story1	Top	ELU 1.2D+0.8W1	Combination				101.51	-0.17
Story1	Bottom	ELU 1.2D+0.8W1	Combination				111.21	-0.17
Story1	Top	ELU 1.2D+0.8W2	Combination				89.72	-0.13
Story1	Bottom	ELU 1.2D+0.8W2	Combination				99.42	-0.13
Story1	Top	ELU 0.9D+1.6W1	Combination				84.32	-0.15
Story1	Bottom	ELU 0.9D+1.6W1	Combination				91.59	-0.15
Story1	Top	ELU 0.9D+1.6W2	Combination				60.74	-0.08
Story1	Bottom	ELU 0.9D+1.6W2	Combination				68.01	-0.08
Story1	Top	ELU 1.2D+1.6W1+1.0L	Combination				166.45	-0.28
Story1	Bottom	ELU 1.2D+1.6W1+1.0L	Combination				176.15	-0.28
Story1	Top	ELU 1.2D+1.6W2+1.0L	Combination				142.87	-0.21
Story1	Bottom	ELU 1.2D+1.6W2+1.0L	Combination				152.57	-0.21
Story1	Top	ELS 1.0D+1.0H+1.0L	Combination				137.52	-0.21
Story1	Bottom	ELS 1.0D+1.0H+1.0L	Combination				145.61	-0.21
Story1	Top	ELS 1.0D+1.0H	Combination				79.13	-0.12
Story1	Bottom	ELS 1.0D+1.0H	Combination				87.21	-0.12
Story1	Top	ELS 1.0D+1.0H+0.75L	Combination				122.93	-0.19
Story1	Bottom	ELS 1.0D+1.0H+0.75L	Combination				131.01	-0.19
Story1	Top	ELS 1.0D+1.0H+0.7SX	Combination	Max			79.23	7.01
Story1	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Max			87.31	7.01
Story1	Top	ELS 1.0D+1.0H+0.7SX	Combination	Min			79.03	-7.26
Story1	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Min			87.11	-7.26
Story1	Top	ELS 1.0D+1.0H+0.7SY	Combination	Max			81.37	2.77
Story1	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Max			89.45	2.77
Story1	Top	ELS 1.0D+1.0H+0.7SY	Combination	Min			76.89	-3.01
Story1	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Min			84.98	-3.01
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			123	5.16
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			131.08	5.16
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			122.85	-5.54
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			130.93	-5.54
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			124.6	1.98
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			132.69	1.98
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			121.25	-2.36
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			129.33	-2.36
Story1	Top	ELS 0.6D+1.0H	Combination				47.48	-0.07
Story1	Bottom	ELS 0.6D+1.0H	Combination				52.33	-0.07
Story1	Top	ELS 0.6D+1.0H+0.7SX	Combination	Max			47.58	7.06
Story1	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Max			52.43	7.06
Story1	Top	ELS 0.6D+1.0H+0.7SX	Combination	Min			47.38	-7.21
Story1	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Min			52.23	-7.21
Story1	Top	ELS 0.6D+1.0H+0.7SY	Combination	Max			49.72	2.82
Story1	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Max			54.57	2.82
Story1	Top	ELS 0.6D+1.0H+0.7SY	Combination	Min			45.24	-2.96
Story1	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Min			50.09	-2.96
Story1	Top	ELU 1.2D+1.6H	Combination				94.96	-0.15
Story1	Bottom	ELU 1.2D+1.6H	Combination				104.66	-0.15
Story1	Top	ELU 0.9D+1.6H	Combination				71.22	-0.11
Story1	Bottom	ELU 0.9D+1.6H	Combination				78.49	-0.11
Story1	Top	ELU 0.9D+1.6H+1.0SX	Combination	Max			71.36	10.07
Story1	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Max			78.64	10.07
Story1	Top	ELU 0.9D+1.6H+1.0SX	Combination	Min			71.08	-10.3
Story1	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Min			78.35	-10.3

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf
Story1	Top	ELU 0.9D+1.6H+1.0SY	Combination	Max			74.42	4.02
Story1	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Max			81.69	4.02
Story1	Top	ELU 0.9D+1.6H+1.0SY	Combination	Min			68.02	-4.24
Story1	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Min			75.3	-4.24
Story1	Top	DStID1	Combination				79.13	-0.12
Story1	Bottom	DStID1	Combination				87.21	-0.12
Story1	Top	DStID2	Combination				137.52	-0.21
Story1	Bottom	DStID2	Combination				145.61	-0.21

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	0.42	-1.16
Story3	Bottom	0	0	16.54	-45.51
Story3	Top	0	0	6.7	-18.44
Story3	Bottom	0	0	73.69	-202.79
Story3	Top	0.13	13.24	0	0
Story3	Bottom	0.13	13.24	0.13	2.84
Story3	Top	4.83	66.6	0	0
Story3	Bottom	4.83	66.6	4.83	0.03
Story3	Top	0	76.46	0	0
Story3	Bottom	0	76.46	0	-16.98
Story3	Top	-16.98	-210.41	0	0
Story3	Bottom	-16.98	-210.41	16.98	0
Story3	Top	0	0	10.72	-29.5
Story3	Bottom	0	0	117.9	-324.47
Story3	Top	0	0	6.7	-18.44
Story3	Bottom	0	0	73.69	-202.79
Story3	Top	0	0	-5.36	14.75
Story3	Bottom	0	0	-58.95	162.23
Story3	Top	0.11	16.28	0	0
Story3	Bottom	0.11	16.28	0.11	3.55
Story3	Top	3.14	43.17	0	0
Story3	Bottom	3.14	43.17	3.14	0.02
Story3	Top	0	13.05	0	0
Story3	Bottom	0	13.05	0	-2.9
Story3	Top	-2.9	-35.91	0	0
Story3	Bottom	-2.9	-35.91	2.9	0
Story3	Top	0	0	11.14	-30.66
Story3	Bottom	0	0	134.44	-369.98
Story3	Top	0	0	17.84	-49.1
Story3	Bottom	0	0	208.13	-572.77
Story3	Top	0	0	16.17	-44.49
Story3	Bottom	0	0	189.71	-522.07
Story3	Top	0.09	9.27	11.14	-30.66
Story3	Bottom	0.09	9.27	134.53	-367.99
Story3	Top	-0.09	-9.27	11.14	-30.66
Story3	Bottom	-0.09	-9.27	134.35	-371.97
Story3	Top	3.38	46.62	11.14	-30.66
Story3	Bottom	3.38	46.62	137.82	-369.96
Story3	Top	-3.38	-46.62	11.14	-30.66
Story3	Bottom	-3.38	-46.62	131.06	-370
Story3	Top	0.07	6.95	16.17	-44.49
Story3	Bottom	0.07	6.95	189.77	-520.59
Story3	Top	-0.07	-6.95	16.17	-44.49

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Bottom	-0.07	-6.95	189.64	-523.56
Story3	Top	2.54	34.97	16.17	-44.49
Story3	Bottom	2.54	34.97	192.24	-522.06
Story3	Top	-2.54	-34.97	16.17	-44.49
Story3	Bottom	-2.54	-34.97	187.17	-522.09
Story3	Top	0.09	9.27	6.68	-18.4
Story3	Bottom	0.09	9.27	80.75	-220
Story3	Top	-0.09	-9.27	6.68	-18.4
Story3	Bottom	-0.09	-9.27	80.57	-223.97
Story3	Top	3.38	46.62	6.68	-18.4
Story3	Bottom	3.38	46.62	84.05	-221.97
Story3	Top	-3.38	-46.62	6.68	-18.4
Story3	Bottom	-3.38	-46.62	77.28	-222.01
Story3	Top	0	0	15.6	-42.93
Story3	Bottom	0	0	188.21	-517.97
Story3	Top	0	0	24.09	-66.29
Story3	Bottom	0	0	279.23	-768.44
Story3	Top	1.58	33.23	20.07	-55.23
Story3	Bottom	1.58	33.23	236.59	-643.92
Story3	Top	-1.58	-33.23	20.07	-55.23
Story3	Bottom	-1.58	-33.23	233.44	-649.61
Story3	Top	4.87	70.57	20.07	-55.23
Story3	Bottom	4.87	70.57	239.88	-645.89
Story3	Top	-4.87	-70.57	20.07	-55.23
Story3	Bottom	-4.87	-70.57	230.15	-647.65
Story3	Top	1.58	33.23	20.07	-55.23
Story3	Bottom	1.58	33.23	236.59	-643.92
Story3	Top	-1.58	-33.23	20.07	-55.23
Story3	Bottom	-1.58	-33.23	233.44	-649.61
Story3	Top	4.87	70.57	20.07	-55.23
Story3	Bottom	4.87	70.57	239.88	-645.89
Story3	Top	-4.87	-70.57	20.07	-55.23
Story3	Bottom	-4.87	-70.57	230.15	-647.65
Story3	Top	1.58	33.23	20.07	-55.23
Story3	Bottom	1.58	33.23	236.59	-643.92
Story3	Top	-1.58	-33.23	20.07	-55.23
Story3	Bottom	-1.58	-33.23	233.44	-649.61
Story3	Top	4.87	70.57	20.07	-55.23
Story3	Bottom	4.87	70.57	239.88	-645.89
Story3	Top	-4.87	-70.57	20.07	-55.23
Story3	Bottom	-4.87	-70.57	230.15	-647.65
Story3	Top	1.58	33.23	20.07	-55.23
Story3	Bottom	1.58	33.23	236.59	-643.92
Story3	Top	-1.58	-33.23	20.07	-55.23
Story3	Bottom	-1.58	-33.23	233.44	-649.61
Story3	Top	4.87	70.57	20.07	-55.23
Story3	Bottom	4.87	70.57	239.88	-645.89
Story3	Top	-4.87	-70.57	20.07	-55.23
Story3	Bottom	-4.87	-70.57	230.15	-647.65
Story3	Top	0	0	10.03	-27.59
Story3	Bottom	0	0	120.99	-332.98
Story3	Top	1.58	33.23	10.03	-27.59
Story3	Bottom	1.58	33.23	122.57	-330.14
Story3	Top	-1.58	-33.23	10.03	-27.59
Story3	Bottom	-1.58	-33.23	119.42	-335.83

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Top	4.87	70.57	10.03	-27.59
Story3	Bottom	4.87	70.57	125.86	-332.1
Story3	Top	-4.87	-70.57	10.03	-27.59
Story3	Bottom	-4.87	-70.57	116.13	-333.86
Story3	Top	1.58	33.23	10.03	-27.59
Story3	Bottom	1.58	33.23	122.57	-330.14
Story3	Top	-1.58	-33.23	10.03	-27.59
Story3	Bottom	-1.58	-33.23	119.42	-335.83
Story3	Top	4.87	70.57	10.03	-27.59
Story3	Bottom	4.87	70.57	125.86	-332.1
Story3	Top	-4.87	-70.57	10.03	-27.59
Story3	Bottom	-4.87	-70.57	116.13	-333.86
Story3	Top	1.58	33.23	10.03	-27.59
Story3	Bottom	1.58	33.23	122.57	-330.14
Story3	Top	-1.58	-33.23	10.03	-27.59
Story3	Bottom	-1.58	-33.23	119.42	-335.83
Story3	Top	4.87	70.57	10.03	-27.59
Story3	Bottom	4.87	70.57	125.86	-332.1
Story3	Top	-4.87	-70.57	10.03	-27.59
Story3	Bottom	-4.87	-70.57	116.13	-333.86
Story3	Top	1.58	33.23	10.03	-27.59
Story3	Bottom	1.58	33.23	122.57	-330.14
Story3	Top	-1.58	-33.23	10.03	-27.59
Story3	Bottom	-1.58	-33.23	119.42	-335.83
Story3	Top	4.87	70.57	10.03	-27.59
Story3	Bottom	4.87	70.57	125.86	-332.1
Story3	Top	-4.87	-70.57	10.03	-27.59
Story3	Bottom	-4.87	-70.57	116.13	-333.86
Story3	Top	0	0	11.14	-30.66
Story3	Bottom	0	0	134.44	-369.98
Story3	Top	0	0	17.84	-49.1
Story3	Bottom	0	0	208.13	-572.77
Story3	Top	0	0	6.68	-18.4
Story3	Bottom	0	0	80.66	-221.99
Story3	Top	0.09	9.27	6.68	-18.4
Story3	Bottom	0.09	9.27	80.75	-220
Story3	Top	-0.09	-9.27	6.68	-18.4
Story3	Bottom	-0.09	-9.27	80.57	-223.97
Story3	Top	3.38	46.62	6.68	-18.4
Story3	Bottom	3.38	46.62	84.05	-221.97
Story3	Top	-3.38	-46.62	6.68	-18.4
Story3	Bottom	-3.38	-46.62	77.28	-222.01
Story3	Top	0.09	9.27	11.14	-30.66
Story3	Bottom	0.09	9.27	134.53	-367.99
Story3	Top	-0.09	-9.27	11.14	-30.66
Story3	Bottom	-0.09	-9.27	134.35	-371.97
Story3	Top	3.38	46.62	11.14	-30.66
Story3	Bottom	3.38	46.62	137.82	-369.96
Story3	Top	-3.38	-46.62	11.14	-30.66
Story3	Bottom	-3.38	-46.62	131.06	-370
Story3	Top	0.06	6.62	16.17	-44.49
Story3	Bottom	0.06	6.62	189.77	-520.66
Story3	Top	-0.06	-6.62	16.17	-44.49
Story3	Bottom	-0.06	-6.62	189.64	-523.49
Story3	Top	2.42	33.3	16.17	-44.49

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Bottom	2.42	33.3	192.12	-522.06
Story3	Top	-2.42	-33.3	16.17	-44.49
Story3	Bottom	-2.42	-33.3	187.29	-522.09
Story3	Top	0.13	13.24	11.14	-30.66
Story3	Bottom	0.13	13.24	134.57	-367.14
Story3	Top	-0.13	-13.24	11.14	-30.66
Story3	Bottom	-0.13	-13.24	134.31	-372.82
Story3	Top	4.83	66.6	11.14	-30.66
Story3	Bottom	4.83	66.6	139.27	-369.95
Story3	Top	-4.83	-66.6	11.14	-30.66
Story3	Bottom	-4.83	-66.6	129.61	-370.01
Story3	Top	0.1	9.93	16.17	-44.49
Story3	Bottom	0.1	9.93	189.8	-519.95
Story3	Top	-0.1	-9.93	16.17	-44.49
Story3	Bottom	-0.1	-9.93	189.61	-524.2
Story3	Top	3.62	49.95	16.17	-44.49
Story3	Bottom	3.62	49.95	193.33	-522.05
Story3	Top	-3.62	-49.95	16.17	-44.49
Story3	Bottom	-3.62	-49.95	186.08	-522.09
Story3	Top	0.13	13.24	6.68	-18.4
Story3	Bottom	0.13	13.24	80.79	-219.15
Story3	Top	-0.13	-13.24	6.68	-18.4
Story3	Bottom	-0.13	-13.24	80.54	-224.82
Story3	Top	4.83	66.6	6.68	-18.4
Story3	Bottom	4.83	66.6	85.49	-221.96
Story3	Top	-4.83	-66.6	6.68	-18.4
Story3	Bottom	-4.83	-66.6	75.83	-222.01
Story3	Top	0	0	17.84	-49.1
Story3	Bottom	0	0	208.13	-572.77
Story3	Top	0	0	5.78	-15.91
Story3	Bottom	0	0	75.49	-207.75
Story3	Top	0	0	21.19	-58.31
Story3	Bottom	0	0	244.97	-674.17
Story3	Top	0	0	12.15	-33.43
Story3	Bottom	0	0	145.49	-400.4
Story3	Top	0	0	13.38	-36.83
Story3	Bottom	0	0	154.35	-424.78
Story3	Top	0	0	1.33	-3.65
Story3	Bottom	0	0	21.71	-59.75
Story3	Top	0	0	18.73	-51.54
Story3	Bottom	0	0	220.28	-606.21
Story3	Top	0	0	9.08	-24.99
Story3	Bottom	0	0	114.17	-314.19
Story3	Top	0	0	20.75	-57.09
Story3	Bottom	0	0	238.9	-657.45
Story3	Top	0	0	1.45	-4
Story3	Bottom	0	0	26.67	-73.41
Story3	Top	0	0	30.79	-84.73
Story3	Bottom	0	0	352.92	-971.24
Story3	Top	0	0	11.49	-31.63
Story3	Bottom	0	0	140.69	-387.19
Story3	Top	0	0	17.84	-49.1
Story3	Bottom	0	0	208.13	-572.77
Story3	Top	0	0	11.14	-30.66
Story3	Bottom	0	0	134.44	-369.98

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story3	Top	0	0	16.17	-44.49
Story3	Bottom	0	0	189.71	-522.07
Story3	Top	0.09	9.27	11.14	-30.66
Story3	Bottom	0.09	9.27	134.53	-367.99
Story3	Top	-0.09	-9.27	11.14	-30.66
Story3	Bottom	-0.09	-9.27	134.35	-371.97
Story3	Top	3.38	46.62	11.14	-30.66
Story3	Bottom	3.38	46.62	137.82	-369.96
Story3	Top	-3.38	-46.62	11.14	-30.66
Story3	Bottom	-3.38	-46.62	131.06	-370
Story3	Top	0.07	6.95	16.17	-44.49
Story3	Bottom	0.07	6.95	189.77	-520.59
Story3	Top	-0.07	-6.95	16.17	-44.49
Story3	Bottom	-0.07	-6.95	189.64	-523.56
Story3	Top	2.54	34.97	16.17	-44.49
Story3	Bottom	2.54	34.97	192.24	-522.06
Story3	Top	-2.54	-34.97	16.17	-44.49
Story3	Bottom	-2.54	-34.97	187.17	-522.09
Story3	Top	0	0	6.68	-18.4
Story3	Bottom	0	0	80.66	-221.99
Story3	Top	0.09	9.27	6.68	-18.4
Story3	Bottom	0.09	9.27	80.75	-220
Story3	Top	-0.09	-9.27	6.68	-18.4
Story3	Bottom	-0.09	-9.27	80.57	-223.97
Story3	Top	3.38	46.62	6.68	-18.4
Story3	Bottom	3.38	46.62	84.05	-221.97
Story3	Top	-3.38	-46.62	6.68	-18.4
Story3	Bottom	-3.38	-46.62	77.28	-222.01
Story3	Top	0	0	13.37	-36.79
Story3	Bottom	0	0	161.33	-443.98
Story3	Top	0	0	10.03	-27.59
Story3	Bottom	0	0	120.99	-332.98
Story3	Top	0.13	13.24	10.03	-27.59
Story3	Bottom	0.13	13.24	121.12	-330.14
Story3	Top	-0.13	-13.24	10.03	-27.59
Story3	Bottom	-0.13	-13.24	120.87	-335.82
Story3	Top	4.83	66.6	10.03	-27.59
Story3	Bottom	4.83	66.6	125.83	-332.95
Story3	Top	-4.83	-66.6	10.03	-27.59
Story3	Bottom	-4.83	-66.6	116.16	-333.01
Story3	Top	0	0	11.14	-30.66
Story3	Bottom	0	0	134.44	-369.98
Story3	Top	0	0	17.84	-49.1
Story3	Bottom	0	0	208.13	-572.77
Story2	Top	0	0	384.39	-2162.74
Story2	Bottom	-10.22	-272.46	414.56	-1153.21
Story2	Top	0	0	526.51	-3138.16
Story2	Bottom	-17.8	-481.77	510.21	-1567.44
Story2	Top	1.26	73.44	0.13	2.84
Story2	Bottom	0.62	75.24	1.51	15.39
Story2	Top	27.2	628.15	4.83	0.03
Story2	Bottom	13.31	293.37	33.93	87.81
Story2	Top	0	487.08	0	-16.98
Story2	Bottom	-0.01	490.95	-0.11	-81.53
Story2	Top	-111.07	-2579.32	16.98	0

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	Bottom	-54.04	-1224.17	138.4	-346.91
Story2	Top	0	0	208.47	-911.54
Story2	Bottom	-6.95	-138.23	207.76	-455.68
Story2	Top	0	0	73.69	-202.79
Story2	Bottom	-2.42	-29.91	75.51	-101.56
Story2	Top	0	0	-58.95	162.23
Story2	Bottom	1.94	23.93	-60.41	81.25
Story2	Top	1.09	60.91	0.11	3.55
Story2	Bottom	0.53	63.19	1.31	13.47
Story2	Top	17.42	399.2	3.14	0.02
Story2	Bottom	8.52	186.11	21.72	55.73
Story2	Top	0	83.13	0	-2.9
Story2	Bottom	-0.002088	83.79	-0.02	-13.91
Story2	Top	-18.96	-440.2	2.9	0
Story2	Bottom	-9.22	-208.92	23.62	-59.21
Story2	Top	0	0	592.85	-3074.28
Story2	Bottom	-17.17	-410.69	622.32	-1608.88
Story2	Top	0	0	1119.36	-6212.44
Story2	Bottom	-34.97	-892.46	1132.53	-3176.33
Story2	Top	0	0	987.73	-5427.9
Story2	Bottom	-30.52	-772.02	1004.98	-2784.46
Story2	Top	0.88	51.41	592.94	-3072.3
Story2	Bottom	-16.74	-358.03	623.37	-1598.11
Story2	Top	-0.88	-51.41	592.76	-3076.27
Story2	Bottom	-17.61	-463.36	621.26	-1619.65
Story2	Top	19.04	439.71	596.23	-3074.26
Story2	Bottom	-7.85	-205.33	646.07	-1547.42
Story2	Top	-19.04	-439.71	589.47	-3074.3
Story2	Bottom	-26.49	-616.05	598.57	-1670.35
Story2	Top	0.66	38.56	987.8	-5426.41
Story2	Bottom	-30.2	-732.52	1005.77	-2776.39
Story2	Top	-0.66	-38.56	987.67	-5429.39
Story2	Bottom	-30.85	-811.52	1004.18	-2792.54
Story2	Top	14.28	329.78	990.27	-5427.89
Story2	Bottom	-23.53	-618	1022.79	-2738.36
Story2	Top	-14.28	-329.78	985.2	-5427.91
Story2	Bottom	-37.51	-926.04	987.16	-2830.56
Story2	Top	0.88	51.41	355.8	-1842.58
Story2	Bottom	-9.87	-193.75	374.45	-954.56
Story2	Top	-0.88	-51.41	355.62	-1846.55
Story2	Bottom	-10.74	-299.08	372.33	-976.1
Story2	Top	19.04	439.71	359.09	-1844.55
Story2	Bottom	-0.98	-41.05	397.14	-903.86
Story2	Top	-19.04	-439.71	352.33	-1844.59
Story2	Bottom	-19.62	-451.78	349.64	-1026.8
Story2	Top	0	0	829.99	-4304
Story2	Bottom	-24.04	-574.97	871.24	-2252.44
Story2	Top	0	0	1553.83	-8710.19
Story2	Bottom	-49.09	-1263.66	1563.12	-4438.57
Story2	Top	9.42	261.89	1239.51	-6824.45
Story2	Bottom	-33.79	-811.35	1268.68	-3456.37
Story2	Top	-9.42	-261.89	1236.35	-6830.14
Story2	Bottom	-43.02	-1137.85	1245.31	-3539.83
Story2	Top	27.58	650.19	1242.8	-6826.42
Story2	Bottom	-24.91	-658.66	1291.38	-3405.68

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	Top	-27.58	-650.19	1233.06	-6828.17
Story2	Bottom	-51.91	-1290.54	1222.61	-3590.53
Story2	Top	9.42	261.89	1239.51	-6824.45
Story2	Bottom	-33.79	-811.35	1268.68	-3456.37
Story2	Top	-9.42	-261.89	1236.35	-6830.14
Story2	Bottom	-43.02	-1137.85	1245.31	-3539.83
Story2	Top	27.58	650.19	1242.8	-6826.42
Story2	Bottom	-24.91	-658.66	1291.38	-3405.68
Story2	Top	-27.58	-650.19	1233.06	-6828.17
Story2	Bottom	-51.91	-1290.54	1222.61	-3590.53
Story2	Top	9.42	261.89	1239.51	-6824.45
Story2	Bottom	-33.79	-811.35	1268.68	-3456.37
Story2	Top	-9.42	-261.89	1236.35	-6830.14
Story2	Bottom	-43.02	-1137.85	1245.31	-3539.83
Story2	Top	27.58	650.19	1242.8	-6826.42
Story2	Bottom	-24.91	-658.66	1291.38	-3405.68
Story2	Top	-27.58	-650.19	1233.06	-6828.17
Story2	Bottom	-51.91	-1290.54	1222.61	-3590.53
Story2	Top	9.42	261.89	1239.51	-6824.45
Story2	Bottom	-33.79	-811.35	1268.68	-3456.37
Story2	Top	-9.42	-261.89	1236.35	-6830.14
Story2	Bottom	-43.02	-1137.85	1245.31	-3539.83
Story2	Top	27.58	650.19	1242.8	-6826.42
Story2	Bottom	-24.91	-658.66	1291.38	-3405.68
Story2	Top	-27.58	-650.19	1233.06	-6828.17
Story2	Bottom	-51.91	-1290.54	1222.61	-3590.53
Story2	Top	0	0	533.57	-2766.85
Story2	Bottom	-15.45	-369.62	560.09	-1447.99
Story2	Top	9.42	261.89	535.14	-2764.01
Story2	Bottom	-10.84	-206.37	571.77	-1406.26
Story2	Top	-9.42	-261.89	531.99	-2769.7
Story2	Bottom	-20.07	-532.87	548.4	-1489.72
Story2	Top	27.58	650.19	538.44	-2765.98
Story2	Bottom	-1.95	-53.68	594.47	-1355.57
Story2	Top	-27.58	-650.19	528.7	-2767.73
Story2	Bottom	-28.95	-685.56	525.7	-1540.42
Story2	Top	9.42	261.89	535.14	-2764.01
Story2	Bottom	-10.84	-206.37	571.77	-1406.26
Story2	Top	-9.42	-261.89	531.99	-2769.7
Story2	Bottom	-20.07	-532.87	548.4	-1489.72
Story2	Top	27.58	650.19	538.44	-2765.98
Story2	Bottom	-1.95	-53.68	594.47	-1355.57
Story2	Top	-27.58	-650.19	528.7	-2767.73
Story2	Bottom	-28.95	-685.56	525.7	-1540.42
Story2	Top	9.42	261.89	535.14	-2764.01
Story2	Bottom	-10.84	-206.37	571.77	-1406.26
Story2	Top	-9.42	-261.89	531.99	-2769.7
Story2	Bottom	-20.07	-532.87	548.4	-1489.72
Story2	Top	27.58	650.19	538.44	-2765.98
Story2	Bottom	-1.95	-53.68	594.47	-1355.57
Story2	Top	-27.58	-650.19	528.7	-2767.73
Story2	Bottom	-28.95	-685.56	525.7	-1540.42
Story2	Top	9.42	261.89	535.14	-2764.01
Story2	Bottom	-10.84	-206.37	571.77	-1406.26
Story2	Top	-9.42	-261.89	531.99	-2769.7

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	Bottom	-20.07	-532.87	548.4	-1489.72
Story2	Top	27.58	650.19	538.44	-2765.98
Story2	Bottom	-1.95	-53.68	594.47	-1355.57
Story2	Top	-27.58	-650.19	528.7	-2767.73
Story2	Bottom	-28.95	-685.56	525.7	-1540.42
Story2	Top	0	0	592.85	-3074.28
Story2	Bottom	-17.17	-410.69	622.32	-1608.88
Story2	Top	0	0	1119.36	-6212.44
Story2	Bottom	-34.97	-892.46	1132.53	-3176.33
Story2	Top	0	0	355.71	-1844.57
Story2	Bottom	-10.3	-246.41	373.39	-965.33
Story2	Top	0.88	51.41	355.8	-1842.58
Story2	Bottom	-9.87	-193.75	374.45	-954.56
Story2	Top	-0.88	-51.41	355.62	-1846.55
Story2	Bottom	-10.74	-299.08	372.33	-976.1
Story2	Top	19.04	439.71	359.09	-1844.55
Story2	Bottom	-0.98	-41.05	397.14	-903.86
Story2	Top	-19.04	-439.71	352.33	-1844.59
Story2	Bottom	-19.62	-451.78	349.64	-1026.8
Story2	Top	0.88	51.41	592.94	-3072.3
Story2	Bottom	-16.74	-358.03	623.37	-1598.11
Story2	Top	-0.88	-51.41	592.76	-3076.27
Story2	Bottom	-17.61	-463.36	621.26	-1619.65
Story2	Top	19.04	439.71	596.23	-3074.26
Story2	Bottom	-7.85	-205.33	646.07	-1547.42
Story2	Top	-19.04	-439.71	589.47	-3074.3
Story2	Bottom	-26.49	-616.05	598.57	-1670.35
Story2	Top	0.63	36.72	987.8	-5426.48
Story2	Bottom	-30.21	-734.4	1005.73	-2776.77
Story2	Top	-0.63	-36.72	987.67	-5429.32
Story2	Bottom	-30.83	-809.64	1004.22	-2792.16
Story2	Top	13.6	314.08	990.15	-5427.89
Story2	Bottom	-23.87	-625.33	1021.94	-2740.56
Story2	Top	-13.6	-314.08	985.32	-5427.91
Story2	Bottom	-37.18	-918.7	988.01	-2828.37
Story2	Top	1.26	73.44	592.98	-3071.45
Story2	Bottom	-16.55	-335.45	623.83	-1593.5
Story2	Top	-1.26	-73.44	592.72	-3077.12
Story2	Bottom	-17.79	-485.93	620.81	-1624.27
Story2	Top	27.2	628.15	597.68	-3074.25
Story2	Bottom	-3.86	-117.32	656.25	-1521.07
Story2	Top	-27.2	-628.15	588.02	-3074.31
Story2	Bottom	-30.48	-704.06	588.39	-1696.69
Story2	Top	0.95	55.08	987.83	-5425.77
Story2	Bottom	-30.06	-715.59	1006.11	-2772.92
Story2	Top	-0.95	-55.08	987.64	-5430.03
Story2	Bottom	-30.99	-828.45	1003.85	-2796.01
Story2	Top	20.4	471.12	991.36	-5427.88
Story2	Bottom	-20.54	-551.99	1030.42	-2718.61
Story2	Top	-20.4	-471.12	984.11	-5427.92
Story2	Bottom	-40.51	-992.05	979.53	-2850.32
Story2	Top	1.26	73.44	355.84	-1841.73
Story2	Bottom	-9.68	-171.18	374.9	-949.94
Story2	Top	-1.26	-73.44	355.58	-1847.41
Story2	Bottom	-10.92	-321.65	371.88	-980.72

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	Top	27.2	628.15	360.54	-1844.54
Story2	Bottom	3.01	46.96	407.32	-877.52
Story2	Top	-27.2	-628.15	350.88	-1844.6
Story2	Bottom	-23.62	-539.79	339.46	-1053.14
Story2	Top	0	0	666.54	-3277.08
Story2	Bottom	-19.59	-440.6	697.83	-1710.45
Story2	Top	0	0	533.9	-2912.05
Story2	Bottom	-15.24	-386.76	561.91	-1527.63
Story2	Top	0	0	1043	-5579.99
Story2	Bottom	-32.34	-794.45	1061.61	-2860.64
Story2	Top	0	0	943.52	-5306.22
Story2	Bottom	-29.07	-754.07	959.67	-2723.53
Story2	Top	0	0	429.4	-2047.36
Story2	Bottom	-12.72	-276.33	448.9	-1066.89
Story2	Top	0	0	296.76	-1682.33
Story2	Bottom	-8.37	-222.49	312.98	-884.08
Story2	Top	0	0	770.37	-3851.37
Story2	Bottom	-22.54	-516.76	807.19	-2011.91
Story2	Top	0	0	664.26	-3559.35
Story2	Bottom	-19.06	-473.69	698.45	-1865.66
Story2	Top	0	0	651.47	-3091.32
Story2	Bottom	-19.33	-417.48	680.91	-1610.49
Story2	Top	0	0	439.25	-2507.28
Story2	Bottom	-12.36	-331.34	463.43	-1317.99
Story2	Top	0	0	1355.83	-7151.76
Story2	Bottom	-42.28	-1022.46	1377.81	-3660.6
Story2	Top	0	0	1143.61	-6567.72
Story2	Bottom	-35.31	-936.31	1160.34	-3368.1
Story2	Top	0	0	1119.36	-6212.44
Story2	Bottom	-34.97	-892.46	1132.53	-3176.33
Story2	Top	0	0	592.85	-3074.28
Story2	Bottom	-17.17	-410.69	622.32	-1608.88
Story2	Top	0	0	987.73	-5427.9
Story2	Bottom	-30.52	-772.02	1004.98	-2784.46
Story2	Top	0.88	51.41	592.94	-3072.3
Story2	Bottom	-16.74	-358.03	623.37	-1598.11
Story2	Top	-0.88	-51.41	592.76	-3076.27
Story2	Bottom	-17.61	-463.36	621.26	-1619.65
Story2	Top	19.04	439.71	596.23	-3074.26
Story2	Bottom	-7.85	-205.33	646.07	-1547.42
Story2	Top	-19.04	-439.71	589.47	-3074.3
Story2	Bottom	-26.49	-616.05	598.57	-1670.35
Story2	Top	0.66	38.56	987.8	-5426.41
Story2	Bottom	-30.2	-732.52	1005.77	-2776.39
Story2	Top	-0.66	-38.56	987.67	-5429.39
Story2	Bottom	-30.85	-811.52	1004.18	-2792.54
Story2	Top	14.28	329.78	990.27	-5427.89
Story2	Bottom	-23.53	-618	1022.79	-2738.36
Story2	Top	-14.28	-329.78	985.2	-5427.91
Story2	Bottom	-37.51	-926.04	987.16	-2830.56
Story2	Top	0	0	355.71	-1844.57
Story2	Bottom	-10.3	-246.41	373.39	-965.33
Story2	Top	0.88	51.41	355.8	-1842.58
Story2	Bottom	-9.87	-193.75	374.45	-954.56
Story2	Top	-0.88	-51.41	355.62	-1846.55

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story2	Bottom	-10.74	-299.08	372.33	-976.1
Story2	Top	19.04	439.71	359.09	-1844.55
Story2	Bottom	-0.98	-41.05	397.14	-903.86
Story2	Top	-19.04	-439.71	352.33	-1844.59
Story2	Bottom	-19.62	-451.78	349.64	-1026.8
Story2	Top	0	0	711.42	-3689.14
Story2	Bottom	-20.61	-492.83	746.78	-1930.66
Story2	Top	0	0	533.57	-2766.85
Story2	Bottom	-15.45	-369.62	560.09	-1447.99
Story2	Top	1.26	73.44	533.69	-2764.02
Story2	Bottom	-14.83	-294.39	561.59	-1432.61
Story2	Top	-1.26	-73.44	533.44	-2769.69
Story2	Bottom	-16.08	-444.86	558.58	-1463.38
Story2	Top	27.2	628.15	538.4	-2766.83
Story2	Bottom	-2.14	-76.25	594.02	-1360.18
Story2	Top	-27.2	-628.15	528.74	-2766.88
Story2	Bottom	-28.77	-662.99	526.16	-1535.8
Story2	Top	0	0	592.85	-3074.28
Story2	Bottom	-17.17	-410.69	622.32	-1608.88
Story2	Top	0	0	1119.36	-6212.44
Story2	Bottom	-34.97	-892.46	1132.53	-3176.33
Story1	Top	-10.22	-272.46	493.78	-1298.55
Story1	Bottom	-10.22	-272.46	590.1	-1442.58
Story1	Top	-17.8	-481.77	510.21	-1567.44
Story1	Bottom	-17.8	-481.77	551.16	-1567.65
Story1	Top	0.65	83.37	1.51	15.39
Story1	Bottom	0.65	83.37	2.99	38.35
Story1	Top	14.43	313.14	33.93	87.81
Story1	Bottom	14.43	313.14	67.1	96.34
Story1	Top	-0.01	545.9	-0.11	-81.53
Story1	Bottom	-0.01	545.9	-0.09	-223.25
Story1	Top	-60.14	-1328.23	138.4	-346.91
Story1	Bottom	-60.14	-1328.23	276.73	-367.08
Story1	Top	-6.95	-138.23	207.76	-455.68
Story1	Bottom	-6.95	-138.23	223.74	-455.79
Story1	Top	-2.42	-29.91	75.51	-101.56
Story1	Bottom	-2.42	-29.91	81.08	-101.62
Story1	Top	1.94	23.93	-60.41	81.25
Story1	Bottom	1.94	23.93	-64.86	81.29
Story1	Top	0.56	69.8	1.31	13.47
Story1	Bottom	0.56	69.8	2.58	32.96
Story1	Top	9.24	198.73	21.72	55.73
Story1	Bottom	9.24	198.73	42.97	61.18
Story1	Top	-0.002088	93.17	-0.02	-13.91
Story1	Bottom	-0.002088	93.17	-0.01	-38.1
Story1	Top	-10.26	-226.68	23.62	-59.21
Story1	Bottom	-10.26	-226.68	47.23	-62.65
Story1	Top	-17.17	-410.69	701.54	-1754.23
Story1	Bottom	-17.17	-410.69	813.84	-1898.37
Story1	Top	-34.97	-892.46	1211.75	-3321.67
Story1	Bottom	-34.97	-892.46	1365	-3466.02
Story1	Top	-30.52	-772.02	1084.2	-2929.81
Story1	Bottom	-30.52	-772.02	1227.21	-3074.11
Story1	Top	-16.72	-352.33	702.6	-1743.46
Story1	Bottom	-16.72	-352.33	815.93	-1871.53

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	Top	-17.62	-469.05	700.48	-1765
Story1	Bottom	-17.62	-469.05	811.74	-1925.21
Story1	Top	-7.07	-191.49	725.29	-1692.76
Story1	Bottom	-7.07	-191.49	860.81	-1830.93
Story1	Top	-27.27	-629.89	677.79	-1815.7
Story1	Bottom	-27.27	-629.89	766.87	-1965.81
Story1	Top	-30.18	-728.25	1084.99	-2921.73
Story1	Bottom	-30.18	-728.25	1228.78	-3053.98
Story1	Top	-30.86	-815.79	1083.41	-2937.89
Story1	Bottom	-30.86	-815.79	1225.64	-3094.24
Story1	Top	-22.95	-607.62	1102.01	-2883.71
Story1	Bottom	-22.95	-607.62	1262.43	-3023.53
Story1	Top	-38.1	-936.42	1066.39	-2975.91
Story1	Bottom	-38.1	-936.42	1191.98	-3124.68
Story1	Top	-9.85	-188.06	421.98	-1041.77
Story1	Bottom	-9.85	-188.06	490.4	-1112.18
Story1	Top	-10.75	-304.77	419.87	-1063.31
Story1	Bottom	-10.75	-304.77	486.21	-1165.86
Story1	Top	-0.2	-27.22	444.68	-991.07
Story1	Bottom	-0.2	-27.22	535.27	-1071.58
Story1	Top	-20.4	-465.61	397.17	-1114.01
Story1	Bottom	-20.4	-465.61	441.34	-1206.46
Story1	Top	-24.04	-574.97	982.16	-2455.92
Story1	Bottom	-24.04	-574.97	1139.37	-2657.72
Story1	Top	-49.09	-1263.66	1658.19	-4612.99
Story1	Bottom	-49.09	-1263.66	1858.46	-4786.28
Story1	Top	-33.43	-797.29	1363.75	-3630.79
Story1	Bottom	-33.43	-797.29	1550.89	-3778.45
Story1	Top	-43.38	-1151.91	1340.37	-3714.25
Story1	Bottom	-43.38	-1151.91	1504.65	-3912.94
Story1	Top	-23.79	-636.45	1386.44	-3580.09
Story1	Bottom	-23.79	-636.45	1595.76	-3737.85
Story1	Top	-53.03	-1312.75	1317.68	-3764.95
Story1	Bottom	-53.03	-1312.75	1459.77	-3953.54
Story1	Top	-33.43	-797.29	1363.75	-3630.79
Story1	Bottom	-33.43	-797.29	1550.89	-3778.45
Story1	Top	-43.38	-1151.91	1340.37	-3714.25
Story1	Bottom	-43.38	-1151.91	1504.65	-3912.94
Story1	Top	-23.79	-636.45	1386.44	-3580.09
Story1	Bottom	-23.79	-636.45	1595.76	-3737.85
Story1	Top	-53.03	-1312.75	1317.68	-3764.95
Story1	Bottom	-53.03	-1312.75	1459.77	-3953.54
Story1	Top	-33.43	-797.29	1363.75	-3630.79
Story1	Bottom	-33.43	-797.29	1550.89	-3778.45
Story1	Top	-43.38	-1151.91	1340.37	-3714.25
Story1	Bottom	-43.38	-1151.91	1504.65	-3912.94
Story1	Top	-23.79	-636.45	1386.44	-3580.09
Story1	Bottom	-23.79	-636.45	1595.76	-3737.85
Story1	Top	-53.03	-1312.75	1317.68	-3764.95
Story1	Bottom	-53.03	-1312.75	1459.77	-3953.54
Story1	Top	-33.43	-797.29	1363.75	-3630.79
Story1	Bottom	-33.43	-797.29	1550.89	-3778.45
Story1	Top	-43.38	-1151.91	1340.37	-3714.25
Story1	Bottom	-43.38	-1151.91	1504.65	-3912.94
Story1	Top	-23.79	-636.45	1386.44	-3580.09

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	Bottom	-23.79	-636.45	1595.76	-3737.85
Story1	Top	-53.03	-1312.75	1317.68	-3764.95
Story1	Bottom	-53.03	-1312.75	1459.77	-3953.54
Story1	Top	-15.45	-369.62	631.39	-1578.81
Story1	Bottom	-15.45	-369.62	732.45	-1708.53
Story1	Top	-10.48	-192.31	643.07	-1537.08
Story1	Bottom	-10.48	-192.31	755.58	-1641.29
Story1	Top	-20.43	-546.93	619.7	-1620.54
Story1	Bottom	-20.43	-546.93	709.33	-1775.78
Story1	Top	-0.83	-31.47	665.77	-1486.38
Story1	Bottom	-0.83	-31.47	800.45	-1600.69
Story1	Top	-30.08	-707.77	597	-1671.23
Story1	Bottom	-30.08	-707.77	664.46	-1816.37
Story1	Top	-10.48	-192.31	643.07	-1537.08
Story1	Bottom	-10.48	-192.31	755.58	-1641.29
Story1	Top	-20.43	-546.93	619.7	-1620.54
Story1	Bottom	-20.43	-546.93	709.33	-1775.78
Story1	Top	-0.83	-31.47	665.77	-1486.38
Story1	Bottom	-0.83	-31.47	800.45	-1600.69
Story1	Top	-30.08	-707.77	597	-1671.23
Story1	Bottom	-30.08	-707.77	664.46	-1816.37
Story1	Top	-10.48	-192.31	643.07	-1537.08
Story1	Bottom	-10.48	-192.31	755.58	-1641.29
Story1	Top	-20.43	-546.93	619.7	-1620.54
Story1	Bottom	-20.43	-546.93	709.33	-1775.78
Story1	Top	-0.83	-31.47	665.77	-1486.38
Story1	Bottom	-0.83	-31.47	800.45	-1600.69
Story1	Top	-30.08	-707.77	597	-1671.23
Story1	Bottom	-30.08	-707.77	664.46	-1816.37
Story1	Top	-10.48	-192.31	643.07	-1537.08
Story1	Bottom	-10.48	-192.31	755.58	-1641.29
Story1	Top	-20.43	-546.93	619.7	-1620.54
Story1	Bottom	-20.43	-546.93	709.33	-1775.78
Story1	Top	-0.83	-31.47	665.77	-1486.38
Story1	Bottom	-0.83	-31.47	800.45	-1600.69
Story1	Top	-30.08	-707.77	597	-1671.23
Story1	Bottom	-30.08	-707.77	664.46	-1816.37
Story1	Top	-10.48	-192.31	643.07	-1537.08
Story1	Bottom	-10.48	-192.31	755.58	-1641.29
Story1	Top	-20.43	-546.93	619.7	-1620.54
Story1	Bottom	-20.43	-546.93	709.33	-1775.78
Story1	Top	-0.83	-31.47	665.77	-1486.38
Story1	Bottom	-0.83	-31.47	800.45	-1600.69
Story1	Top	-30.08	-707.77	597	-1671.23
Story1	Bottom	-30.08	-707.77	664.46	-1816.37
Story1	Top	-17.17	-410.69	701.54	-1754.23
Story1	Bottom	-17.17	-410.69	813.84	-1898.37
Story1	Top	-34.97	-892.46	1211.75	-3321.67
Story1	Bottom	-34.97	-892.46	1365	-3466.02
Story1	Top	-10.3	-246.41	420.92	-1052.54
Story1	Bottom	-10.3	-246.41	488.3	-1139.02
Story1	Top	-9.85	-188.06	421.98	-1041.77
Story1	Bottom	-9.85	-188.06	490.4	-1112.18
Story1	Top	-10.75	-304.77	419.87	-1063.31
Story1	Bottom	-10.75	-304.77	486.21	-1165.86
Story1	Top	-0.2	-27.22	444.68	-991.07
Story1	Bottom	-0.2	-27.22	535.27	-1071.58
Story1	Top	-20.4	-465.61	397.17	-1114.01
Story1	Bottom	-20.4	-465.61	441.34	-1206.46
Story1	Top	-16.72	-352.33	702.6	-1743.46
Story1	Bottom	-16.72	-352.33	815.93	-1871.53
Story1	Top	-17.62	-469.05	700.48	-1765
Story1	Bottom	-17.62	-469.05	811.74	-1925.21

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	Top	-7.07	-191.49	725.29	-1692.76
Story1	Bottom	-7.07	-191.49	860.81	-1830.93
Story1	Top	-27.27	-629.89	677.79	-1815.7
Story1	Bottom	-27.27	-629.89	766.87	-1965.81
Story1	Top	-30.2	-730.33	1084.95	-2922.12
Story1	Bottom	-30.2	-730.33	1228.7	-3054.93
Story1	Top	-30.85	-813.7	1083.45	-2937.51
Story1	Bottom	-30.85	-813.7	1225.71	-3093.28
Story1	Top	-23.31	-615.45	1101.17	-2885.91
Story1	Bottom	-23.31	-615.45	1260.76	-3025.94
Story1	Top	-37.74	-928.59	1067.23	-2973.72
Story1	Bottom	-37.74	-928.59	1193.66	-3122.28
Story1	Top	-16.53	-327.32	703.05	-1738.84
Story1	Bottom	-16.53	-327.32	816.83	-1860.02
Story1	Top	-17.82	-494.06	700.03	-1769.62
Story1	Bottom	-17.82	-494.06	810.85	-1936.71
Story1	Top	-2.74	-97.55	735.47	-1666.42
Story1	Bottom	-2.74	-97.55	880.93	-1802.03
Story1	Top	-31.6	-723.83	667.61	-1842.04
Story1	Bottom	-31.6	-723.83	746.74	-1994.71
Story1	Top	-30.04	-709.49	1085.33	-2918.27
Story1	Bottom	-30.04	-709.49	1229.45	-3045.35
Story1	Top	-31.01	-834.54	1083.07	-2941.35
Story1	Bottom	-31.01	-834.54	1224.96	-3102.87
Story1	Top	-19.7	-537.16	1109.65	-2863.96
Story1	Bottom	-19.7	-537.16	1277.53	-3001.85
Story1	Top	-41.35	-1006.87	1058.75	-2995.67
Story1	Bottom	-41.35	-1006.87	1176.89	-3146.36
Story1	Top	-9.66	-163.05	422.43	-1037.15
Story1	Bottom	-9.66	-163.05	491.3	-1100.68
Story1	Top	-10.95	-329.78	419.42	-1067.93
Story1	Bottom	-10.95	-329.78	485.31	-1177.37
Story1	Top	4.13	66.73	454.85	-964.73
Story1	Bottom	4.13	66.73	555.4	-1042.68
Story1	Top	-24.73	-559.56	386.99	-1140.35
Story1	Bottom	-24.73	-559.56	421.21	-1235.36
Story1	Top	-19.59	-440.6	777.05	-1855.79
Story1	Bottom	-19.59	-440.6	894.92	-1999.99
Story1	Top	-15.24	-386.76	641.13	-1672.98
Story1	Bottom	-15.24	-386.76	748.98	-1817.08
Story1	Top	-32.34	-794.45	1140.83	-3005.98
Story1	Bottom	-32.34	-794.45	1288.02	-3150.32
Story1	Top	-29.07	-754.07	1038.89	-2868.88
Story1	Bottom	-29.07	-754.07	1178.56	-3013.14
Story1	Top	-12.72	-276.33	496.44	-1154.1
Story1	Bottom	-12.72	-276.33	569.38	-1240.64
Story1	Top	-8.37	-222.49	360.51	-971.29
Story1	Bottom	-8.37	-222.49	423.44	-1057.73
Story1	Top	-22.54	-516.76	902.26	-2186.33
Story1	Bottom	-22.54	-516.76	1041.47	-2359.34
Story1	Top	-19.06	-473.69	793.52	-2040.08
Story1	Bottom	-19.06	-473.69	924.72	-2213.01
Story1	Top	-19.33	-417.48	752.21	-1741.31
Story1	Bottom	-19.33	-417.48	862.18	-1871.12
Story1	Top	-12.36	-331.34	534.73	-1448.81

Story	Location	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
Story1	Bottom	-12.36	-331.34	628.67	-1578.46
Story1	Top	-42.28	-1022.46	1472.88	-3835.02
Story1	Bottom	-42.28	-1022.46	1657.49	-4008.28
Story1	Top	-35.31	-936.31	1255.41	-3542.52
Story1	Bottom	-35.31	-936.31	1423.99	-3715.62
Story1	Top	-34.97	-892.46	1211.75	-3321.67
Story1	Bottom	-34.97	-892.46	1365	-3466.02
Story1	Top	-17.17	-410.69	701.54	-1754.23
Story1	Bottom	-17.17	-410.69	813.84	-1898.37
Story1	Top	-30.52	-772.02	1084.2	-2929.81
Story1	Bottom	-30.52	-772.02	1227.21	-3074.11
Story1	Top	-16.72	-352.33	702.6	-1743.46
Story1	Bottom	-16.72	-352.33	815.93	-1871.53
Story1	Top	-17.62	-469.05	700.48	-1765
Story1	Bottom	-17.62	-469.05	811.74	-1925.21
Story1	Top	-7.07	-191.49	725.29	-1692.76
Story1	Bottom	-7.07	-191.49	860.81	-1830.93
Story1	Top	-27.27	-629.89	677.79	-1815.7
Story1	Bottom	-27.27	-629.89	766.87	-1965.81
Story1	Top	-30.18	-728.25	1084.99	-2921.73
Story1	Bottom	-30.18	-728.25	1228.78	-3053.98
Story1	Top	-30.86	-815.79	1083.41	-2937.89
Story1	Bottom	-30.86	-815.79	1225.64	-3094.24
Story1	Top	-22.95	-607.62	1102.01	-2883.71
Story1	Bottom	-22.95	-607.62	1262.43	-3023.53
Story1	Top	-38.1	-936.42	1066.39	-2975.91
Story1	Bottom	-38.1	-936.42	1191.98	-3124.68
Story1	Top	-10.3	-246.41	420.92	-1052.54
Story1	Bottom	-10.3	-246.41	488.3	-1139.02
Story1	Top	-9.85	-188.06	421.98	-1041.77
Story1	Bottom	-9.85	-188.06	490.4	-1112.18
Story1	Top	-10.75	-304.77	419.87	-1063.31
Story1	Bottom	-10.75	-304.77	486.21	-1165.86
Story1	Top	-0.2	-27.22	444.68	-991.07
Story1	Bottom	-0.2	-27.22	535.27	-1071.58
Story1	Top	-20.4	-465.61	397.17	-1114.01
Story1	Bottom	-20.4	-465.61	441.34	-1206.46
Story1	Top	-20.61	-492.83	841.85	-2105.08
Story1	Bottom	-20.61	-492.83	976.61	-2278.04
Story1	Top	-15.45	-369.62	631.39	-1578.81
Story1	Bottom	-15.45	-369.62	732.45	-1708.53
Story1	Top	-14.81	-286.25	632.9	-1563.42
Story1	Bottom	-14.81	-286.25	735.45	-1670.19
Story1	Top	-16.1	-452.99	629.88	-1594.2
Story1	Bottom	-16.1	-452.99	729.46	-1746.88
Story1	Top	-1.02	-56.48	665.32	-1491
Story1	Bottom	-1.02	-56.48	799.55	-1612.19
Story1	Top	-29.88	-682.76	597.46	-1666.62
Story1	Bottom	-29.88	-682.76	665.36	-1804.87
Story1	Top	-17.17	-410.69	701.54	-1754.23
Story1	Bottom	-17.17	-410.69	813.84	-1898.37
Story1	Top	-34.97	-892.46	1211.75	-3321.67
Story1	Bottom	-34.97	-892.46	1365	-3466.02

Table 3.4 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.582	1.717	10.7905	116.4356
Modal	2	0.25	4.007	25.1751	633.7867
Modal	3	0.237	4.216	26.4911	701.7775
Modal	4	0.218	4.581	28.785	828.5779
Modal	5	0.185	5.402	33.9443	1152.2166
Modal	6	0.163	6.121	38.4609	1479.2392
Modal	7	0.141	7.09	44.5471	1984.4443
Modal	8	0.137	7.289	45.7968	2097.35
Modal	9	0.123	8.107	50.9408	2594.969
Modal	10	0.113	8.873	55.7527	3108.3649
Modal	11	0.105	9.569	60.1207	3614.5006
Modal	12	0.083	12.046	75.6864	5728.4266
Modal	13	0.083	12.105	76.0583	5784.8607
Modal	14	0.08	12.518	78.6535	6186.3656
Modal	15	0.068	14.802	93.0011	8649.205
Modal	16	0.064	15.588	97.9414	9592.5144
Modal	17	0.063	15.844	99.5491	9910.0293
Modal	18	0.048	21.041	132.2054	17478.2774
Modal	19	0.047	21.491	135.0316	18233.546
Modal	20	0.042	23.599	148.2763	21985.8696
Modal	21	0.04	24.999	157.0717	24671.5263
Modal	22	0.04	25.149	158.0143	24968.5117
Modal	23	0.04	25.274	158.8039	25218.6913
Modal	24	0.039	25.405	159.6236	25479.685
Modal	25	0.036	27.519	172.9062	29896.5572
Modal	26	0.035	28.348	178.1152	31725.0338
Modal	27	0.033	29.859	187.6122	35198.3355
Modal	28	0.033	29.965	188.2757	35447.7324
Modal	29	0.03	33.265	209.0097	43685.0416
Modal	30	0.028	36.153	227.1544	51599.118
Modal	31	0.023	44.229	277.8986	77227.6221
Modal	32	0.02	49.504	311.041	96746.531
Modal	33	0.019	51.85	325.7823	106134.1303
Modal	34	0.019	52.137	327.5863	107312.8047
Modal	35	0.019	52.261	328.3664	107824.4869
Modal	36	0.019	53.613	336.8584	113473.5482
Modal	37	0.017	60.545	380.413	144714.0789
Modal	38	0.016	61.05	383.5871	147139.0544
Modal	39	0.016	64.136	402.9789	162392.0251
Modal	40	0.015	67.557	424.4721	180176.6057
Modal	41	0.015	68.552	430.7262	185525.0531
Modal	42	0.014	72.381	454.7803	206825.1276
Modal	43	0.013	74.66	469.1013	220056.0641
Modal	44	0.013	75.585	474.9165	225545.6825
Modal	45	0.012	82.002	515.2341	265466.2049
Modal	46	0.012	83.655	525.6224	276278.9335
Modal	47	0.012	86.545	543.7778	295694.3353
Modal	48	0.011	89.511	562.4116	316306.8144
Modal	49	0.01	97.746	614.1583	377190.3583
Modal	50	0.01	98.404	618.2892	382281.5247
Modal	51	0.01	100.352	630.5275	397564.9206
Modal	52	0.01	103.353	649.3837	421699.2028
Modal	53	0.009	108.966	684.6565	468754.5629
Modal	54	0.009	110.491	694.2349	481962.0423
Modal	55	0.009	111.671	701.6491	492311.4972

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	56	0.008	118.627	745.3537	555552.1133
Modal	57	0.008	125.667	789.5875	623448.4012
Modal	58	0.008	127.616	801.8322	642934.944
Modal	59	0.008	128.058	804.6103	647397.7099
Modal	60	0.008	131.987	829.3009	687739.9029

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	0.582	0.1345	0	0	0.1345	0	0	0	0.5619	0.0001
Modal	2	0.25	0.0001	0.5322	0	0.1346	0.5322	0	0.2918	0.0001	0.1887
Modal	3	0.237	0.0004	0.2718	0	0.135	0.804	0	0.0125	0.0004	0.3562
Modal	4	0.218	2.287E-05	0.0838	0	0.135	0.8878	0	0.0053	1.451E-05	0.0012
Modal	5	0.185	0.0016	0.0355	0	0.1366	0.9233	0	0.0034	0.0004	0.0952
Modal	6	0.163	0.7723	0.0024	0	0.9089	0.9257	0	0.0007	0.0399	0.0157
Modal	7	0.141	0.0585	0.0222	0	0.9674	0.9479	0	0.0023	0.0014	0.1107
Modal	8	0.137	0.0105	0.0016	0	0.9779	0.9494	0	4.487E-06	0.0006	0.1342
Modal	9	0.123	0.0007	0.0031	0	0.9785	0.9526	0	0.0014	0.0002	0.021
Modal	10	0.113	3.873E-05	0.0263	0	0.9786	0.9789	0	0.0003	2.998E-05	0.0456
Modal	11	0.105	5.403E-06	0	0	0.9786	0.9789	0	0	0	0
Modal	12	0.083	0	1.751E-06	0	0.9786	0.9789	0	0.0001	0	1.865E-05
Modal	13	0.083	0	0.0003	0	0.9786	0.9792	0	0.0064	0	0.0003
Modal	14	0.08	6.072E-07	0.0001	0	0.9786	0.9793	0	0.0019	0	1.84E-05
Modal	15	0.068	0	7.604E-06	0	0.9786	0.9793	0	0.0002	0	0.0003
Modal	16	0.064	0	0.0014	0	0.9786	0.9807	0	0.0291	0	0.0013
Modal	17	0.063	0	0	0	0.9786	0.9807	0	0	1.522E-06	0
Modal	18	0.048	1.925E-06	0	0	0.9786	0.9807	0	0	0	0
Modal	19	0.047	0.0012	4.254E-06	0	0.9798	0.9807	0	1.82E-05	0.0006	0.0002
Modal	20	0.042	0.0061	8.487E-07	0	0.9859	0.9807	0	0.0002	0.0263	0.0006
Modal	21	0.04	0	0	0	0.9859	0.9807	0	8.183E-07	2.784E-06	0
Modal	22	0.04	3.898E-06	0.0004	0	0.9859	0.9811	0	0.0479	2.889E-05	0.0012
Modal	23	0.04	3.491E-06	0.0005	0	0.9859	0.9816	0	0.0461	3.121E-05	0.0005
Modal	24	0.039	7.755E-06	0.0003	0	0.9859	0.9819	0	0.0465	0.0001	0.0001
Modal	25	0.036	0	0	0	0.9859	0.9819	0	0	0	0
Modal	26	0.035	0	0	0	0.9859	0.9819	0	0	6.826E-07	0
Modal	27	0.033	0	4.827E-05	0	0.9859	0.982	0	0.0015	0	0.0012
Modal	28	0.033	0	0.005	0	0.9859	0.987	0	0.1589	0	0.0045
Modal	29	0.03	0	0.0003	0	0.9859	0.9873	0	0.0477	1.513E-05	1.01E-05
Modal	30	0.028	0	0.0014	0	0.9859	0.9887	0	0.0648	0	0.0065
Modal	31	0.023	4.252E-06	0.0029	0	0.9859	0.9916	0	0.0752	0.0003	0.0001
Modal	32	0.02	0	0.0011	0	0.9859	0.9928	0	0.0174	0	0.005
Modal	33	0.019	0	0.0041	0	0.9859	0.9968	0	0.0607	0	0.0042
Modal	34	0.019	3.055E-06	0.0001	0	0.9859	0.997	0	0.0021	0.0002	0.0002
Modal	35	0.019	0.0001	0.0001	0	0.986	0.9971	0	0.0024	0.0045	6.081E-06
Modal	36	0.019	0.0029	1.158E-06	0	0.9889	0.9971	0	2.003E-05	0.0608	0.0003
Modal	37	0.017	0.0004	0.0005	0	0.9892	0.9976	0	0.0105	0.0084	0.0005
Modal	38	0.016	0.0012	0.0001	0	0.9905	0.9977	0	0.0027	0.03	0.0001
Modal	39	0.016	0.0079	0	0	0.9983	0.9977	0	0	0.2144	0.0013
Modal	40	0.015	0.0001	2.236E-05	0	0.9984	0.9977	0	0.0002	0.002	2.348E-05
Modal	41	0.015	0.001	3.928E-06	0	0.9994	0.9977	0	0.0002	0.0328	0.0001
Modal	42	0.014	1.091E-06	0.0001	0	0.9994	0.9978	0	0.0037	4.071E-05	0.0002
Modal	43	0.013	0	0.0013	0	0.9994	0.9992	0	0.0348	3.798E-06	0.0014
Modal	44	0.013	0	0.0001	0	0.9994	0.9993	0	0.0021	0	0.0005
Modal	45	0.012	1.594E-06	0	0	0.9994	0.9993	0	7.533E-06	4.978E-05	0
Modal	46	0.012	4.821E-05	0.0006	0	0.9994	0.9999	0	0.0167	0.0015	0.0006

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	47	0.012	0.0004	2.319E-05	0	0.9998	0.9999	0	0.0006	0.0077	1.51E-05
Modal	48	0.011	0.0001	1.287E-06	0	0.9999	0.9999	0	2.723E-05	0.0029	8.569E-06
Modal	49	0.01	0	4.185E-05	0	0.9999	1	0	0.0011	0.0001	4.047E-05
Modal	50	0.01	0	2.228E-05	0	0.9999	1	0	0.0006	9.592E-06	2.736E-05
Modal	51	0.01	1.695E-06	3.041E-06	0	0.9999	1	0	0.0001	0.0001	1.327E-06
Modal	52	0.01	5.187E-07	0	0	0.9999	1	0	7.703E-07	4.85E-06	0
Modal	53	0.009	2.911E-06	8.493E-07	0	0.9999	1	0	2.394E-05	4.489E-05	0
Modal	54	0.009	5.391E-06	8.202E-07	0	0.9999	1	0	2.442E-05	0.0001	0
Modal	55	0.009	1.489E-06	0	0	0.9999	1	0	5.065E-06	0.0001	6.213E-07
Modal	56	0.008	5.492E-06	0	0	1	1	0	4.594E-06	0.0001	1.478E-06
Modal	57	0.008	0	0	0	1	1	0	3.196E-06	5.258E-06	0
Modal	58	0.008	1.811E-06	0	0	1	1	0	0	0.0001	0
Modal	59	0.008	0	0	0	1	1	0	1.036E-05	6.547E-07	0
Modal	60	0.008	0	0	0	1	1	0	1.296E-05	1.388E-05	0

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

Case	Mode	SumRX	SumRY	SumRZ
Modal	1	0	0.5619	0.0001
Modal	2	0.2918	0.562	0.1888
Modal	3	0.3042	0.5624	0.5449
Modal	4	0.3095	0.5624	0.5461
Modal	5	0.3129	0.5628	0.6413
Modal	6	0.3136	0.6027	0.657
Modal	7	0.3158	0.6041	0.7677
Modal	8	0.3158	0.6047	0.9019
Modal	9	0.3172	0.6049	0.923
Modal	10	0.3175	0.6049	0.9686
Modal	11	0.3175	0.6049	0.9686
Modal	12	0.3176	0.6049	0.9686
Modal	13	0.324	0.6049	0.9689
Modal	14	0.3259	0.6049	0.969
Modal	15	0.326	0.6049	0.9693
Modal	16	0.3552	0.6049	0.9706
Modal	17	0.3552	0.6049	0.9706
Modal	18	0.3552	0.6049	0.9706
Modal	19	0.3552	0.6055	0.9707
Modal	20	0.3554	0.6318	0.9713
Modal	21	0.3554	0.6318	0.9713
Modal	22	0.4033	0.6318	0.9725
Modal	23	0.4494	0.6318	0.973
Modal	24	0.4959	0.6319	0.973
Modal	25	0.4959	0.6319	0.973
Modal	26	0.4959	0.6319	0.973
Modal	27	0.4974	0.6319	0.9742
Modal	28	0.6563	0.6319	0.9787
Modal	29	0.704	0.6319	0.9787
Modal	30	0.7688	0.6319	0.9852
Modal	31	0.844	0.6322	0.9853
Modal	32	0.8614	0.6322	0.9903
Modal	33	0.922	0.6322	0.9945
Modal	34	0.9242	0.6324	0.9947
Modal	35	0.9266	0.6369	0.9947
Modal	36	0.9266	0.6976	0.9951
Modal	37	0.9371	0.7061	0.9956
Modal	38	0.9397	0.7361	0.9957

Case	Mode	SumRX	SumRY	SumRZ
Modal	39	0.9397	0.9505	0.997
Modal	40	0.9399	0.9525	0.997
Modal	41	0.9401	0.9852	0.9972
Modal	42	0.9438	0.9853	0.9973
Modal	43	0.9786	0.9853	0.9988
Modal	44	0.9807	0.9853	0.9993
Modal	45	0.9807	0.9853	0.9993
Modal	46	0.9973	0.9868	0.9999
Modal	47	0.998	0.9945	0.9999
Modal	48	0.998	0.9975	0.9999
Modal	49	0.9991	0.9976	1
Modal	50	0.9996	0.9976	1
Modal	51	0.9997	0.9976	1
Modal	52	0.9997	0.9976	1
Modal	53	0.9997	0.9977	1
Modal	54	0.9998	0.9978	1
Modal	55	0.9998	0.9979	1
Modal	56	0.9998	0.998	1
Modal	57	0.9998	0.998	1
Modal	58	0.9998	0.9981	1
Modal	59	0.9998	0.9981	1
Modal	60	0.9998	0.9981	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	0.582	1	0	0	0
Modal	2	0.25	0	0.729	0	0.271
Modal	3	0.237	0.003	0.751	0	0.246
Modal	4	0.218	0	0.939	0	0.06
Modal	5	0.185	0.016	0.748	0	0.236
Modal	6	0.163	0.921	0.003	0	0.076
Modal	7	0.141	0.137	0.044	0	0.819
Modal	8	0.137	0.004	0.001	0	0.995
Modal	9	0.123	0.001	0.002	0	0.997
Modal	10	0.113	0	0.061	0	0.939
Modal	11	0.105	0.208	0.002	0	0.79
Modal	12	0.083	0	0.001	0	0.999
Modal	13	0.083	0	0.132	0	0.868
Modal	14	0.08	0	0.637	0	0.362
Modal	15	0.068	0	0.019	0	0.981
Modal	16	0.064	0	0.559	0	0.441
Modal	17	0.063	0.867	0.002	0	0.131
Modal	18	0.048	0.005	0	0	0.995
Modal	19	0.047	0.003	0	0	0.997
Modal	20	0.042	0.091	0	0	0.908
Modal	21	0.04	0.178	0.075	0	0.747
Modal	22	0.04	0	0.1	0	0.899

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	23	0.04	0	0.592	0	0.408
Modal	24	0.039	0.001	0.835	0	0.164
Modal	25	0.036	0.011	0	0	0.988
Modal	26	0.035	0.56	0.001	0	0.438
Modal	27	0.033	0	0.518	0	0.482
Modal	28	0.033	0	0.908	0	0.092
Modal	29	0.03	0	0.932	0	0.067
Modal	30	0.028	0	0.071	0	0.929
Modal	31	0.023	0.003	0.914	0	0.083
Modal	32	0.02	0	0.107	0	0.893
Modal	33	0.019	0	0.69	0	0.31
Modal	34	0.019	0.011	0.25	0	0.739
Modal	35	0.019	0.026	0.02	0	0.955
Modal	36	0.019	0.693	0.001	0	0.306
Modal	37	0.017	0.179	0.267	0	0.553
Modal	38	0.016	0.323	0.026	0	0.651
Modal	39	0.016	0.442	0	0	0.558
Modal	40	0.015	0.021	0.002	0	0.977
Modal	41	0.015	0.779	0.003	0	0.218
Modal	42	0.014	0.001	0.112	0	0.887
Modal	43	0.013	0	0.619	0	0.381
Modal	44	0.013	0	0.047	0	0.953
Modal	45	0.012	0.002	0	0	0.998
Modal	46	0.012	0.027	0.317	0	0.656
Modal	47	0.012	0.217	0.018	0	0.765
Modal	48	0.011	0.086	0.001	0	0.913
Modal	49	0.01	0.006	0.077	0	0.918
Modal	50	0.01	0.001	0.03	0	0.969
Modal	51	0.01	0.012	0.017	0	0.972
Modal	52	0.01	0	0	0	1
Modal	53	0.009	0.001	0.001	0	0.998
Modal	54	0.009	0	0	0	0.999
Modal	55	0.009	0	0	0	1
Modal	56	0.008	0.003	0	0	0.997
Modal	57	0.008	0	0	0	1
Modal	58	0.008	0.002	0	0	0.998
Modal	59	0.008	0	0	0	1
Modal	60	0.008	0	0	0	1