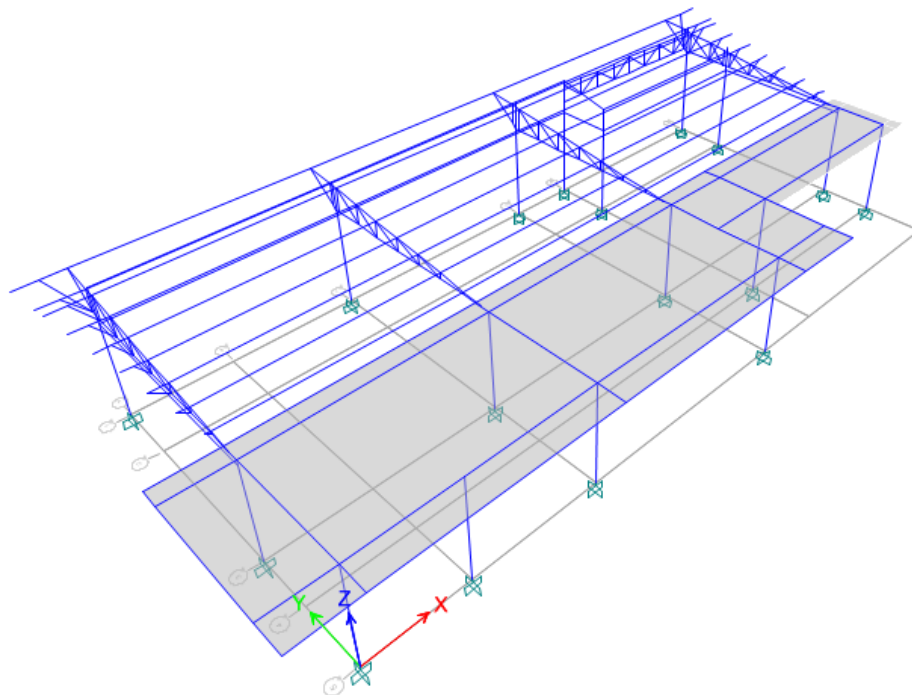




User Report 1

Model File: BIBLIOTECA, Revision 0
29/06/2026

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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	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
101	Story3	B2	Beam	9.1991	V40X50	V40X50	0.5	
102	Story3	B3	Beam	9.1991	V40X50	V40X50	0.5	
103	Story3	B4	Beam	2.9142	V40X50	V40X50	0.5	
121	Story3	B69	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
122	Story3	B70	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
123	Story3	B71	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
124	Story3	B72	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
125	Story3	B73	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
126	Story3	B74	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
139	Story3	B75	Beam	1.271	TUB100X100X3	TUB100X100X3		3
145	Story3	B76	Beam	0.9247	TUB 120X120X4MM	TUB 120X120X4MM		3
146	Story3	B77	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
162	Story3	B88	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
163	Story3	B89	Beam	1.2599	TUB 120X120X4MM	TUB 120X120X4MM		3
31	Story3	B48	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
32	Story3	B49	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
34	Story3	B53	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
35	Story3	B54	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
36	Story3	B57	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
37	Story3	B59	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
63	Story3	B60	Beam	1.271	TUB100X100X3	TUB100X100X3		3
91	Story3	B61	Beam	0.9247	TUB 120X120X4MM	TUB 120X120X4MM		3
95	Story3	B68	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
105	Story3	B82	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
106	Story3	B83	Beam	1.2599	TUB 120X120X4MM	TUB 120X120X4MM		3
130	Story3	B92	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
132	Story3	B93	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
134	Story3	B94	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
136	Story3	B95	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
138	Story3	B96	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
144	Story3	B97	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
156	Story3	B98	Beam	1.271	TUB100X100X3	TUB100X100X3		3
161	Story3	B99	Beam	0.9247	TUB 120X120X4MM	TUB 120X120X4MM		3
167	Story3	B100	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
171	Story3	B103	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
172	Story3	B104	Beam	1.2599	TUB 120X120X4MM	TUB 120X120X4MM		3
182	Story3	B111	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
183	Story3	B112	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
184	Story3	B113	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
186	Story3	B115	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
187	Story3	B116	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
194	Story3	B117	Beam	1.271	TUB100X100X3	TUB100X100X3		3
199	Story3	B118	Beam	0.9247	TUB 120X120X4MM	TUB 120X120X4MM		3
200	Story3	B119	Beam	1.2095	TUB 120X120X4MM	TUB 120X120X4MM		3
204	Story3	B122	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
205	Story3	B123	Beam	1.2599	TUB 120X120X4MM	TUB 120X120X4MM		3
215	Story3	B128	Beam	2.4879	V30X40	V30X40		3
218	Story3	B129	Beam	0.1657	TUB 120X120X4MM	TUB 120X120X4MM		3
220	Story3	B131	Beam	8.6144	V30X40	V30X40	0.5	
228	Story3	B134	Beam	0.2016	TUB 120X120X4MM	TUB 120X120X4MM		3
229	Story3	B135	Beam	0.8422	TUB 120X120X4MM	TUB 120X120X4MM		3

UniqueName	Story	Label	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
185	Story3	B125	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
197	Story3	B126	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
209	Story3	B127	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
210	Story3	B130	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
212	Story3	B136	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
213	Story3	B137	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
214	Story3	B138	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
216	Story3	B139	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
217	Story3	B140	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
219	Story3	B141	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
226	Story3	B142	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
231	Story3	B143	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
232	Story3	B144	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
233	Story3	B145	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
234	Story3	B146	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
235	Story3	B147	Beam	1.0768	TUB100X100X3	TUB100X100X3	0.5	
29	Story3	B108	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
30	Story3	B114	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
179	Story3	B124	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
251	Story3	B148	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
252	Story3	B149	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
253	Story3	B150	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
254	Story3	B151	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
255	Story3	B152	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
256	Story3	B153	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
257	Story3	B154	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
258	Story3	B155	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
259	Story3	B156	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
260	Story3	B157	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
261	Story3	B158	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
262	Story3	B159	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
263	Story3	B160	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
264	Story3	B161	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
265	Story3	B162	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
266	Story3	B163	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
267	Story3	B164	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
268	Story3	B165	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
269	Story3	B166	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
270	Story3	B167	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
271	Story3	B168	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
272	Story3	B169	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
273	Story3	B170	Beam	9.1991	PHR 355X110X25X2.5MM	N/A	0.5	
274	Story3	B171	Beam	11.5286	PHR 355X110X25X2.5MM	N/A	0.5	
333	Story3	B230	Beam	0.6215	PHR 355X110X25X2.5MM	N/A	0.5	
335	Story3	B232	Beam	0.3967	PHR 355X110X25X2.5MM	N/A	0.5	
337	Story3	B234	Beam	0.1719	PHR 355X110X25X2.5MM	N/A	0.5	
347	Story3	B244	Beam	0.915	PHR 355X110X25X2.5MM	N/A	0.5	
348	Story3	B245	Beam	0.915	PHR 355X110X25X2.5MM	N/A	0.5	
349	Story3	B246	Beam	0.7979	PHR 355X110X25X2.5MM	N/A	0.5	
350	Story3	B247	Beam	0.7979	PHR 355X110X25X2.5MM	N/A	0.5	
351	Story3	B248	Beam	0.7604	PHR 355X110X25X2.5MM	N/A	0.5	
352	Story3	B249	Beam	0.7604	PHR 355X110X25X2.5MM	N/A	0.5	
353	Story3	B250	Beam	0.648	PHR 355X110X25X2.5MM	N/A	0.5	
354	Story3	B251	Beam	0.648	PHR 355X110X25X2.5MM	N/A	0.5	
355	Story3	B252	Beam	0.5356	PHR 355X110X25X2.5MM	N/A	0.5	
356	Story3	B253	Beam	0.5356	PHR 355X110X25X2.5MM	N/A	0.5	
357	Story3	B254	Beam	0.4232	PHR 355X110X25X2.5MM	N/A	0.5	
358	Story3	B255	Beam	0.4232	PHR 355X110X25X2.5MM	N/A	0.5	

UniqueName	Story	Label	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
359	Story3	B256	Beam	1.07	PHR 355X110X25X2.5MM	N/A	0.5	
360	Story3	B257	Beam	1.07	PHR 355X110X25X2.5MM	N/A	0.5	
361	Story3	B258	Beam	0.9747	PHR 355X110X25X2.5MM	N/A	0.5	
362	Story3	B259	Beam	0.9747	PHR 355X110X25X2.5MM	N/A	0.5	
363	Story3	B260	Beam	0.9441	PHR 355X110X25X2.5MM	N/A	0.5	
364	Story3	B261	Beam	0.9441	PHR 355X110X25X2.5MM	N/A	0.5	
365	Story3	B262	Beam	0.8526	PHR 355X110X25X2.5MM	N/A	0.5	
366	Story3	B263	Beam	0.8526	PHR 355X110X25X2.5MM	N/A	0.5	
367	Story3	B264	Beam	0.7611	PHR 355X110X25X2.5MM	N/A	0.5	
368	Story3	B265	Beam	0.7611	PHR 355X110X25X2.5MM	N/A	0.5	
369	Story3	B266	Beam	0.6696	PHR 355X110X25X2.5MM	N/A	0.5	
370	Story3	B267	Beam	0.6696	PHR 355X110X25X2.5MM	N/A	0.5	
371	Story3	B268	Beam	0.578	PHR 355X110X25X2.5MM	N/A	0.5	
372	Story3	B269	Beam	0.578	PHR 355X110X25X2.5MM	N/A	0.5	
373	Story3	B270	Beam	0.4865	PHR 355X110X25X2.5MM	N/A	0.5	
374	Story3	B271	Beam	0.4865	PHR 355X110X25X2.5MM	N/A	0.5	
375	Story3	B272	Beam	0.395	PHR 355X110X25X2.5MM	N/A	0.5	
376	Story3	B273	Beam	0.395	PHR 355X110X25X2.5MM	N/A	0.5	
396	Story3	B274	Beam	0.4116	TUB 70X70X2MM	TUB 70X70X2MM		3
19	Story3	C26	Column	1.5	C50X50	C50X50		3
20	Story3	C27	Column	1.5	C50X50	C50X50		3
21	Story3	C28	Column	1.5	C50X50	C50X50		3
22	Story3	C29	Column	1.5	C40X40	C40X40		3
23	Story3	C30	Column	1.5	TUBC 200X4.5MM	TUBC 200X4.5MM		3
127	Story3	C40	Column	1.0248	TUB100X100X3	TUB100X100X3		3
129	Story3	C42	Column	0.8733	TUB100X100X3	TUB100X100X3		3
131	Story3	C44	Column	0.7218	TUB100X100X3	TUB100X100X3		3
133	Story3	C46	Column	0.5703	TUB100X100X3	TUB100X100X3		3
135	Story3	C48	Column	0.4188	TUB100X100X3	TUB100X100X3		3
137	Story3	C50	Column	0.2673	TUB100X100X3	TUB100X100X3		3
147	Story3	C53	Column	0.1158	TUB100X100X3	TUB100X100X3		3
166	Story3	C65	Column	0.9052	TUB100X100X3	TUB100X100X3		3
38	Story3	C3	Column	1.0248	TUB100X100X3	TUB100X100X3		3
39	Story3	C5	Column	0.8733	TUB100X100X3	TUB100X100X3		3
41	Story3	C6	Column	0.7218	TUB100X100X3	TUB100X100X3		3
42	Story3	C9	Column	0.5703	TUB100X100X3	TUB100X100X3		3
52	Story3	C10	Column	0.4188	TUB100X100X3	TUB100X100X3		3
60	Story3	C12	Column	0.2673	TUB100X100X3	TUB100X100X3		3
96	Story3	C14	Column	0.1158	TUB100X100X3	TUB100X100X3		3
109	Story3	C15	Column	0.9052	TUB100X100X3	TUB100X100X3		3
148	Story3	C33	Column	1.0248	TUB100X100X3	TUB100X100X3		3
151	Story3	C34	Column	0.8733	TUB100X100X3	TUB100X100X3		3
152	Story3	C35	Column	0.7218	TUB100X100X3	TUB100X100X3		3
153	Story3	C36	Column	0.5703	TUB100X100X3	TUB100X100X3		3
154	Story3	C37	Column	0.4188	TUB100X100X3	TUB100X100X3		3
155	Story3	C38	Column	0.2673	TUB100X100X3	TUB100X100X3		3
168	Story3	C39	Column	0.1158	TUB100X100X3	TUB100X100X3		3
175	Story3	C41	Column	0.9052	TUB100X100X3	TUB100X100X3		3
188	Story3	C43	Column	1.0248	TUB100X100X3	TUB100X100X3		3
189	Story3	C45	Column	0.8733	TUB100X100X3	TUB100X100X3		3
190	Story3	C47	Column	0.7218	TUB100X100X3	TUB100X100X3		3
191	Story3	C49	Column	0.5703	TUB100X100X3	TUB100X100X3		3
192	Story3	C51	Column	0.4188	TUB100X100X3	TUB100X100X3		3
193	Story3	C52	Column	0.2673	TUB100X100X3	TUB100X100X3		3
201	Story3	C54	Column	0.1158	TUB100X100X3	TUB100X100X3		3
208	Story3	C55	Column	0.9052	TUB100X100X3	TUB100X100X3		3
211	Story3	C56	Column	0.9925	C40X40	C40X40		3
221	Story3	C60	Column	0.2	C50X50	C50X50		3

UniqueName	Story	Label	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
225	Story3	C61	Column	0.7425	C50X50	C50X50		3
230	Story3	C63	Column	0.7678	TUB100X100X3	TUB100X100X3		3
244	Story3	C31	Column	0.8	TUB50X50X2	TUB50X50X2		3
245	Story3	C32	Column	0.8	TUB50X50X2	TUB50X50X2		3
246	Story3	C57	Column	0.8	TUB50X50X2	TUB50X50X2		3
247	Story3	C58	Column	0.8	TUB50X50X2	TUB50X50X2		3
248	Story3	C59	Column	0.8	TUB50X50X2	TUB50X50X2		3
249	Story3	C62	Column	0.8	TUB50X50X2	TUB50X50X2		3
250	Story3	C64	Column	0.8	TUB50X50X2	TUB50X50X2		3
140	Story3	D1	Brace	1.3286	TUB100X100X3	TUB100X100X3		3
141	Story3	D2	Brace	1.4003	TUB100X100X3	TUB100X100X3		3
142	Story3	D3	Brace	1.4841	TUB100X100X3	TUB100X100X3		3
143	Story3	D4	Brace	1.578	TUB100X100X3	TUB100X100X3		3
164	Story3	D6	Brace	0.2625	TUB 120X120X4MM	TUB 120X120X4MM		3
165	Story3	D7	Brace	1.6409	TUB 120X120X4MM	TUB 120X120X4MM		3
80	Story3	D5	Brace	1.3286	TUB100X100X3	TUB100X100X3		3
81	Story3	D8	Brace	1.4003	TUB100X100X3	TUB100X100X3		3
82	Story3	D9	Brace	1.4841	TUB100X100X3	TUB100X100X3		3
90	Story3	D10	Brace	1.578	TUB100X100X3	TUB100X100X3		3
107	Story3	D11	Brace	0.2625	TUB 120X120X4MM	TUB 120X120X4MM		3
108	Story3	D12	Brace	1.6409	TUB 120X120X4MM	TUB 120X120X4MM		3
157	Story3	D13	Brace	1.3286	TUB100X100X3	TUB100X100X3		3
158	Story3	D14	Brace	1.4003	TUB100X100X3	TUB100X100X3		3
159	Story3	D15	Brace	1.4841	TUB100X100X3	TUB100X100X3		3
160	Story3	D16	Brace	1.578	TUB100X100X3	TUB100X100X3		3
173	Story3	D17	Brace	0.2625	TUB 120X120X4MM	TUB 120X120X4MM		3
174	Story3	D18	Brace	1.6409	TUB 120X120X4MM	TUB 120X120X4MM		3
195	Story3	D19	Brace	1.3286	TUB100X100X3	TUB100X100X3		3
196	Story3	D20	Brace	1.4003	TUB100X100X3	TUB100X100X3		3
198	Story3	D22	Brace	1.578	TUB100X100X3	TUB100X100X3		3
206	Story3	D23	Brace	0.2625	TUB 120X120X4MM	TUB 120X120X4MM		3
207	Story3	D24	Brace	1.6409	TUB 120X120X4MM	TUB 120X120X4MM		3
227	Story3	D25	Brace	1.2086	TUB100X100X3	TUB100X100X3		3
236	Story3	D21	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
237	Story3	D26	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
238	Story3	D27	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
239	Story3	D28	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
240	Story3	D29	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
241	Story3	D30	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
242	Story3	D31	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
243	Story3	D32	Brace	1.3415	TUB50X50X2	TUB50X50X2		3
378	Story3	D34	Brace	0.2073	TUB 70X70X2MM	TUB 70X70X2MM		3
379	Story3	D35	Brace	0.4784	TUB50X50X2	TUB50X50X2		3
380	Story3	D36	Brace	0.7495	TUB50X50X2	TUB50X50X2		3
381	Story3	D37	Brace	0.7101	TUB50X50X2	TUB50X50X2		3
383	Story3	D39	Brace	0.8988	TUB50X50X2	TUB50X50X2		3
384	Story3	D40	Brace	1.0874	TUB50X50X2	TUB50X50X2		3
385	Story3	D41	Brace	1.2761	TUB50X50X2	TUB50X50X2		3
386	Story3	D42	Brace	1.2066	TUB50X50X2	TUB50X50X2		3
387	Story3	D43	Brace	1.8787	TUB50X50X2	TUB50X50X2		3
388	Story3	D44	Brace	1.9589	TUB50X50X2	TUB50X50X2		3
389	Story3	D45	Brace	1.3301	TUB50X50X2	TUB50X50X2		3
390	Story3	D46	Brace	1.3934	TUB50X50X2	TUB50X50X2		3
391	Story3	D47	Brace	1.2205	TUB50X50X2	TUB50X50X2		3
392	Story3	D48	Brace	1.0489	TUB50X50X2	TUB50X50X2		3
393	Story3	D49	Brace	0.8795	TUB50X50X2	TUB50X50X2		3
394	Story3	D50	Brace	0.7138	TUB50X50X2	TUB50X50X2		3
395	Story3	D51	Brace	0.5551	TUB50X50X2	TUB50X50X2		3

UniqueName	Story	Label	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
50	Story2	B8	Beam	4.8901	V40x40	V40x40	0.5	
51	Story2	B9	Beam	4.8901	V40x40	V40x40	0.5	
53	Story2	B11	Beam	0.7021	V40x40	V40x40	0.5	
54	Story2	B12	Beam	0.7021	V40x40	V40x40	0.5	
55	Story2	B13	Beam	0.7021	V40x40	V40x40	0.5	
56	Story2	B14	Beam	2.243	V40x40	V40x40	0.5	
57	Story2	B15	Beam	0.7021	V40x40	V40x40	0.5	
58	Story2	B16	Beam	9.1991	V20X60	V20X60	0.5	
59	Story2	B17	Beam	9.1991	V20X60	V20X60	0.5	
61	Story2	B19	Beam	9.1991	V40X60	V40X60	0.5	
62	Story2	B20	Beam	9.1991	V40X60	V40X60	0.5	
64	Story2	B22	Beam	1.1641	V40x40	V40x40	0.5	
65	Story2	B23	Beam	1.1641	V40x40	V40x40	0.5	
66	Story2	B24	Beam	1.1641	V40x40	V40x40	0.5	
67	Story2	B25	Beam	2.3422	V40X60	V40X60	0.5	
68	Story2	B26	Beam	2.3422	V40X60	V40X60	0.5	
69	Story2	B27	Beam	3.9925	V40X60	V40X60	0.5	
70	Story2	B28	Beam	5.2066	V40X60	V40X60	0.5	
71	Story2	B29	Beam	9.1991	V40X60	V40X60	0.5	
72	Story2	B30	Beam	1.1641	V20X60	V20X60	0.5	
73	Story2	B31	Beam	4.8901	V20X60	V20X60	0.5	
74	Story2	B32	Beam	0.7021	V20X60	V20X60	0.5	
75	Story2	B33	Beam	2.3422	V20X60	V20X60	0.5	
76	Story2	B34	Beam	2.3422	V20X60	V20X60	0.5	
77	Story2	B35	Beam	9.1991	V20X60	V20X60	0.5	
78	Story2	B36	Beam	9.1991	V20X60	V20X60	0.5	
79	Story2	B37	Beam	2.9142	V20X60	V20X60	0.5	
83	Story2	B41	Beam	8.6144	V40X60	V40X60	0.5	
84	Story2	B42	Beam	2.9142	V20X60	V20X60	0.5	
85	Story2	B43	Beam	8.6144	V20X60	V20X60	0.5	
86	Story2	B44	Beam	2.9142	V40X60	V40X60	0.5	
87	Story2	B45	Beam	8.6144	V40X60	V40X60	0.5	
88	Story2	B46	Beam	2.243	V40X60	V40X60	0.5	
89	Story2	B47	Beam	0.7021	V40X60	V40X60	0.5	
92	Story2	B50	Beam	1.1641	V40X60	V40X60	0.5	
93	Story2	B51	Beam	2.6471	V40X60	V40X60	0.5	
94	Story2	B52	Beam	2.9142	V40X60	V40X60	0.5	
97	Story2	B55	Beam	2.6471	V40x40	V40x40	0.5	
98	Story2	B56	Beam	2.243	V40x40	V40x40	0.5	
100	Story2	B58	Beam	2.9142	V40x40	V40x40	0.5	
114	Story2	B62	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
115	Story2	B63	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
116	Story2	B64	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
117	Story2	B65	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
118	Story2	B66	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
119	Story2	B67	Beam	0.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
149	Story2	B78	Beam	0.6174	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
150	Story2	B79	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
8	Story2	B10	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
24	Story2	B18	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
25	Story2	B21	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
26	Story2	B38	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
27	Story2	B39	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
28	Story2	B40	Beam	0.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
99	Story2	B80	Beam	0.6174	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
104	Story2	B81	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
110	Story2	B84	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
111	Story2	B85	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	

UniqueName	Story	Label	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
112	Story2	B86	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
113	Story2	B87	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
120	Story2	B90	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
128	Story2	B91	Beam	0.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
169	Story2	B101	Beam	0.6174	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
170	Story2	B102	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
176	Story2	B105	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
177	Story2	B106	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
178	Story2	B107	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
180	Story2	B109	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
181	Story2	B110	Beam	0.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
202	Story2	B120	Beam	0.6174	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
203	Story2	B121	Beam	1.2	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
222	Story2	B132	Beam	0.1644	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
223	Story2	B133	Beam	1.0356	TUB 150X150X6MM	TUB 150X150X6MM	0.5	
33	Story2	C2	Column	0.25	C50X50	C50X50		3
224	Story2	C11	Column	0.25	C50X50	C50X50		3
40	Story2	C13	Column	0.25	C50X50	C50X50		3
3	Story2	C18	Column	4.3	C50X50	C50X50		3
5	Story2	C19	Column	4.3	C50X50	C50X50		3
6	Story2	C20	Column	4.3	C50X50	C50X50		3
9	Story2	C21	Column	4.3	C50X50	C50X50		3
10	Story2	C22	Column	4.3	C50X50	C50X50		3
14	Story2	C23	Column	4.3	C50X50	C50X50		3
15	Story2	C24	Column	4.3	C30X30	C30X30		3
12	Story2	C25	Column	4.3	C50X50	C50X50		3
43	Story1	B1	Beam	8.7195	V40X50	V40X50	0.5	
44	Story1	B2	Beam	9.1991	V40X50	V40X50	0.5	
45	Story1	B3	Beam	9.1991	V40X50	V40X50	0.5	
46	Story1	B4	Beam	2.9142	V40X50	V40X50	0.5	
47	Story1	B5	Beam	2.4356	V40X50	V40X50	0.5	
48	Story1	B6	Beam	8.6144	V40X50	V40X50	0.5	
49	Story1	B7	Beam	6.2839	V40X50	V40X50	0.5	
1	Story1	C1	Column	4.05	C50X50	C50X50		3
2	Story1	C2	Column	4.05	C50X50	C50X50		3
4	Story1	C4	Column	4.05	C50X50	C50X50		3
7	Story1	C7	Column	4.05	C50X50	C50X50		3
11	Story1	C11	Column	4.05	C50X50	C50X50		3
13	Story1	C13	Column	4.05	C50X50	C50X50		3
16	Story1	C16	Column	4.05	C40X40	C40X40		3
17	Story1	C17	Column	4.05	C40X40	C40X40		3
18	Story1	C8	Column	4.05	TUBC 200X4.5MM	TUBC 200X4.5MM		3

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

UniqueName	Releases
101	
102	
103	
121	
122	
123	
124	
125	
126	
139	Yes
145	
146	

UniqueName	Releases
162	
163	
31	
32	
34	
35	
36	
37	
63	Yes
91	
95	
105	
106	
130	
132	
134	
136	
138	
144	
156	Yes
161	
167	
171	
172	
182	
183	
184	
186	
187	
194	Yes
199	
200	
204	
205	
215	
218	
220	
228	
229	
185	
197	
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210	
212	
213	
214	
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217	
219	
226	
231	
232	
233	
234	
235	
29	
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179	
251	
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UniqueName	Releases
254	
255	
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268	
269	
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371	
372	
373	
374	
375	
376	
396	
19	
20	
21	
22	
23	
127	Yes

UniqueName	Releases
129	Yes
131	Yes
133	Yes
135	Yes
137	Yes
147	Yes
166	Yes
38	Yes
39	Yes
41	Yes
42	Yes
52	Yes
60	Yes
96	Yes
109	Yes
148	Yes
151	Yes
152	Yes
153	Yes
154	Yes
155	Yes
168	Yes
175	
188	Yes
189	Yes
190	Yes
191	Yes
192	Yes
193	Yes
201	Yes
208	Yes
211	
221	
225	
230	Yes
244	
245	
246	
247	
248	
249	
250	
140	Yes
141	Yes
142	Yes
143	Yes
164	
165	
80	Yes
81	Yes
82	Yes
90	Yes
107	
108	
157	Yes
158	Yes
159	Yes
160	Yes
173	
174	
195	Yes

UniqueName	Releases
196	Yes
198	Yes
206	
207	
227	Yes
236	
237	
238	
239	
240	
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242	
243	
378	
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UniqueName	Releases
87	
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89	
92	
93	
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97	
98	
100	
114	
115	
116	
117	
118	
119	
149	
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48	
49	
1	

UniqueName	Releases
2	
4	
7	
11	
13	
16	
17	
18	

1.2 Shell Assignments

Table 1.2 - Area Assignments - Summary

Story	Label	UniqueName	Section Property	Property Type	Axis Angle deg
Story2	F1	1	LOSA12	Slab	90
Story2	F2	2	LOSA12	Slab	90
Story2	F3	3	LOSA12	Slab	90
Story2	F4	4	LOSA12	Slab	90
Story2	F5	5	LOSA12	Slab	90
Story2	F6	6	LOSA12	Slab	90
Story2	F7	7	LOSA12	Slab	90
Story2	F8	8	LOSA12	Slab	90
Story2	F9	9	LOSA12	Slab	90
Story2	F10	10	LOSA12	Slab	90
Story2	F11	11	LOSA12	Slab	90
Story2	F12	12	LOSA12	Slab	90
Story2	F13	13	LOSA12	Slab	90
Story2	F14	14	LOSA12	Slab	90
Story2	F15	15	LOSA12	Slab	90
Story2	F16	16	LOSA12	Slab	90
Story2	F17	17	LOSA12	Slab	90
Story2	F18	18	LOSA12	Slab	90
Story2	F19	19	LOSA12	Slab	90

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

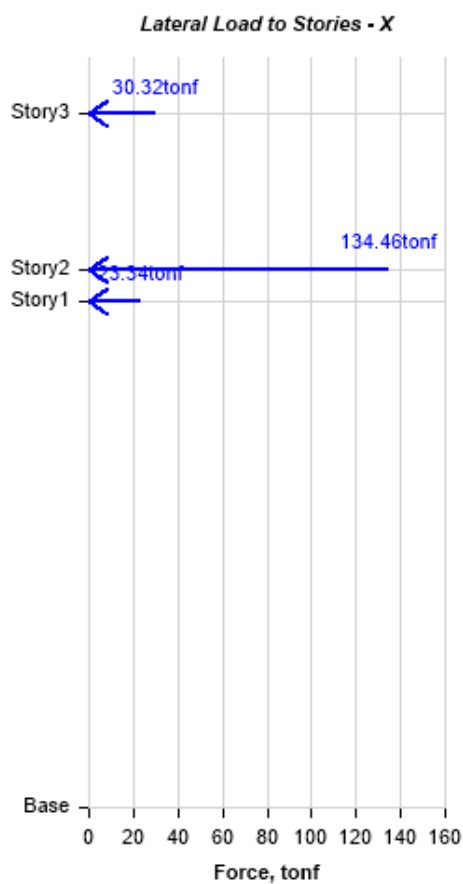
Base Shear, V

V = CW

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	267552.72	188.12

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.55	30.32	0
Story2	4.3	134.46	0
Story1	4.05	23.34	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

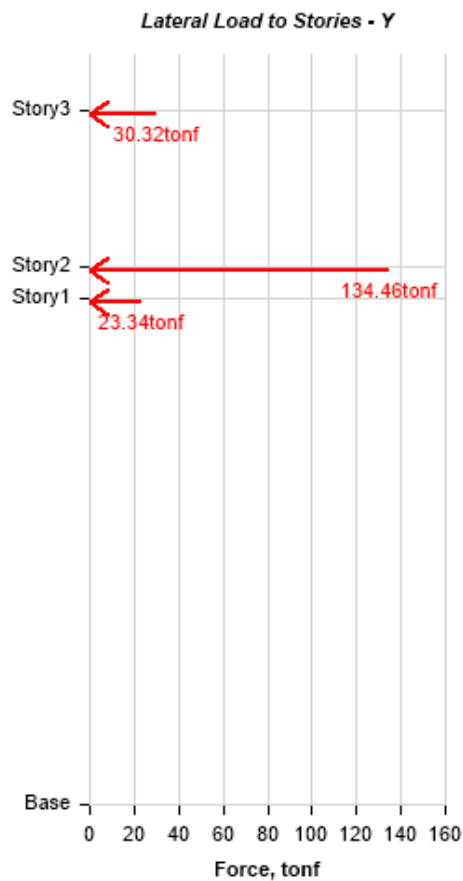
Base Shear, V

V = CW

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	267552.72	188.12

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.55	0	30.32
Story2	4.3	0	134.46
Story1	4.05	0	23.34
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

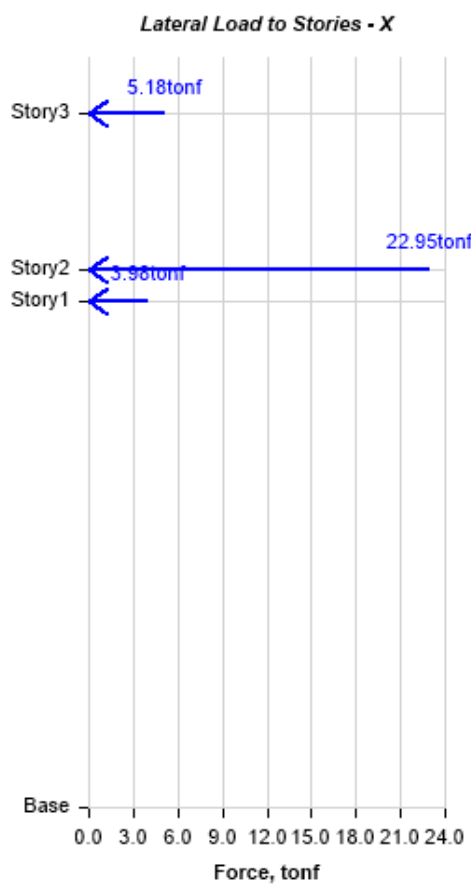
Base Shear, V

$V = CW$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	267552.72	32.11

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.55	5.18	0
Story2	4.3	22.95	0
Story1	4.05	3.98	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

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

Direction and Eccentricity

Direction = Y + Eccentricity X

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.12

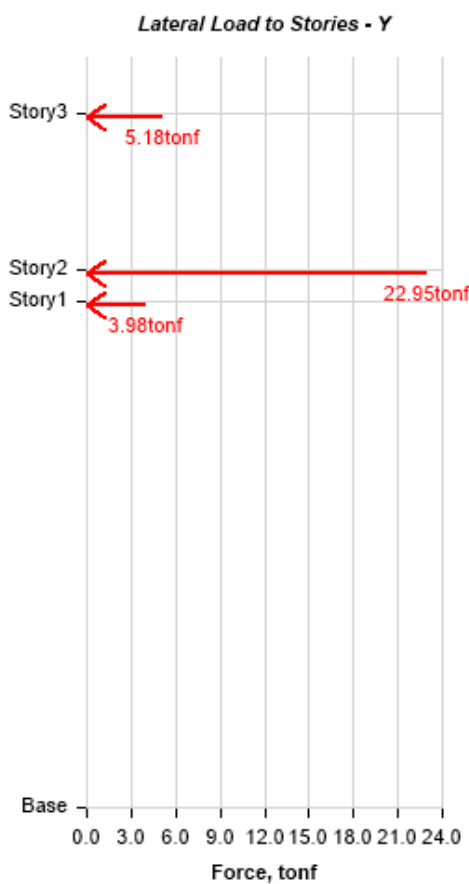
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	267552.72	32.11

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story3	5.55	0	5.18
Story2	4.3	0	22.95
Story1	4.05	0	3.98
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
45	D	Story1	B3	Force	Gravity	Relative	0	1	0
29	L	Story3	B108	Force	Gravity	Relative	0	1	0
30	L	Story3	B114	Force	Gravity	Relative	0	1	0
179	L	Story3	B124	Force	Gravity	Relative	0	1	0
251	L	Story3	B148	Force	Gravity	Relative	0	1	0
252	L	Story3	B149	Force	Gravity	Relative	0	1	0
253	L	Story3	B150	Force	Gravity	Relative	0	1	0
254	L	Story3	B151	Force	Gravity	Relative	0	1	0
255	L	Story3	B152	Force	Gravity	Relative	0	1	0
256	L	Story3	B153	Force	Gravity	Relative	0	1	0
257	L	Story3	B154	Force	Gravity	Relative	0	1	0
258	L	Story3	B155	Force	Gravity	Relative	0	1	0
259	L	Story3	B156	Force	Gravity	Relative	0	1	0
260	L	Story3	B157	Force	Gravity	Relative	0	1	0
261	L	Story3	B158	Force	Gravity	Relative	0	1	0
262	L	Story3	B159	Force	Gravity	Relative	0	1	0
263	L	Story3	B160	Force	Gravity	Relative	0	1	0
264	L	Story3	B161	Force	Gravity	Relative	0	1	0
265	L	Story3	B162	Force	Gravity	Relative	0	1	0
266	L	Story3	B163	Force	Gravity	Relative	0	1	0
267	L	Story3	B164	Force	Gravity	Relative	0	1	0
268	L	Story3	B165	Force	Gravity	Relative	0	1	0
269	L	Story3	B166	Force	Gravity	Relative	0	1	0
270	L	Story3	B167	Force	Gravity	Relative	0	1	0
271	L	Story3	B168	Force	Gravity	Relative	0	1	0
272	L	Story3	B169	Force	Gravity	Relative	0	1	0
273	L	Story3	B170	Force	Gravity	Relative	0	1	0
274	L	Story3	B171	Force	Gravity	Relative	0	1	0
333	L	Story3	B230	Force	Gravity	Relative	0	1	0
335	L	Story3	B232	Force	Gravity	Relative	0	1	0
337	L	Story3	B234	Force	Gravity	Relative	0	1	0
347	L	Story3	B244	Force	Gravity	Relative	0	1	0
348	L	Story3	B245	Force	Gravity	Relative	0	1	0
349	L	Story3	B246	Force	Gravity	Relative	0	1	0
350	L	Story3	B247	Force	Gravity	Relative	0	1	0
351	L	Story3	B248	Force	Gravity	Relative	0	1	0
352	L	Story3	B249	Force	Gravity	Relative	0	1	0
353	L	Story3	B250	Force	Gravity	Relative	0	1	0
354	L	Story3	B251	Force	Gravity	Relative	0	1	0
355	L	Story3	B252	Force	Gravity	Relative	0	1	0
356	L	Story3	B253	Force	Gravity	Relative	0	1	0
357	L	Story3	B254	Force	Gravity	Relative	0	1	0
358	L	Story3	B255	Force	Gravity	Relative	0	1	0
359	L	Story3	B256	Force	Gravity	Relative	0	1	0
360	L	Story3	B257	Force	Gravity	Relative	0	1	0
361	L	Story3	B258	Force	Gravity	Relative	0	1	0
362	L	Story3	B259	Force	Gravity	Relative	0	1	0
363	L	Story3	B260	Force	Gravity	Relative	0	1	0
364	L	Story3	B261	Force	Gravity	Relative	0	1	0
365	L	Story3	B262	Force	Gravity	Relative	0	1	0
366	L	Story3	B263	Force	Gravity	Relative	0	1	0
367	L	Story3	B264	Force	Gravity	Relative	0	1	0
368	L	Story3	B265	Force	Gravity	Relative	0	1	0

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
369	L	Story3	B266	Force	Gravity	Relative	0	1	0
370	L	Story3	B267	Force	Gravity	Relative	0	1	0
371	L	Story3	B268	Force	Gravity	Relative	0	1	0
372	L	Story3	B269	Force	Gravity	Relative	0	1	0
373	L	Story3	B270	Force	Gravity	Relative	0	1	0
374	L	Story3	B271	Force	Gravity	Relative	0	1	0
375	L	Story3	B272	Force	Gravity	Relative	0	1	0
376	L	Story3	B273	Force	Gravity	Relative	0	1	0
29	DS	Story3	B108	Force	Gravity	Relative	0	1	0
30	DS	Story3	B114	Force	Gravity	Relative	0	1	0
179	DS	Story3	B124	Force	Gravity	Relative	0	1	0
251	DS	Story3	B148	Force	Gravity	Relative	0	1	0
252	DS	Story3	B149	Force	Gravity	Relative	0	1	0
253	DS	Story3	B150	Force	Gravity	Relative	0	1	0
254	DS	Story3	B151	Force	Gravity	Relative	0	1	0
255	DS	Story3	B152	Force	Gravity	Relative	0	1	0
256	DS	Story3	B153	Force	Gravity	Relative	0	1	0
257	DS	Story3	B154	Force	Gravity	Relative	0	1	0
258	DS	Story3	B155	Force	Gravity	Relative	0	1	0
259	DS	Story3	B156	Force	Gravity	Relative	0	1	0
260	DS	Story3	B157	Force	Gravity	Relative	0	1	0
261	DS	Story3	B158	Force	Gravity	Relative	0	1	0
262	DS	Story3	B159	Force	Gravity	Relative	0	1	0
263	DS	Story3	B160	Force	Gravity	Relative	0	1	0
264	DS	Story3	B161	Force	Gravity	Relative	0	1	0
265	DS	Story3	B162	Force	Gravity	Relative	0	1	0
266	DS	Story3	B163	Force	Gravity	Relative	0	1	0
267	DS	Story3	B164	Force	Gravity	Relative	0	1	0
268	DS	Story3	B165	Force	Gravity	Relative	0	1	0
269	DS	Story3	B166	Force	Gravity	Relative	0	1	0
270	DS	Story3	B167	Force	Gravity	Relative	0	1	0
271	DS	Story3	B168	Force	Gravity	Relative	0	1	0
272	DS	Story3	B169	Force	Gravity	Relative	0	1	0
273	DS	Story3	B170	Force	Gravity	Relative	0	1	0
274	DS	Story3	B171	Force	Gravity	Relative	0	1	0
333	DS	Story3	B230	Force	Gravity	Relative	0	1	0
335	DS	Story3	B232	Force	Gravity	Relative	0	1	0
337	DS	Story3	B234	Force	Gravity	Relative	0	1	0
347	DS	Story3	B244	Force	Gravity	Relative	0	1	0
348	DS	Story3	B245	Force	Gravity	Relative	0	1	0
349	DS	Story3	B246	Force	Gravity	Relative	0	1	0
350	DS	Story3	B247	Force	Gravity	Relative	0	1	0
351	DS	Story3	B248	Force	Gravity	Relative	0	1	0
352	DS	Story3	B249	Force	Gravity	Relative	0	1	0
353	DS	Story3	B250	Force	Gravity	Relative	0	1	0
354	DS	Story3	B251	Force	Gravity	Relative	0	1	0
355	DS	Story3	B252	Force	Gravity	Relative	0	1	0
356	DS	Story3	B253	Force	Gravity	Relative	0	1	0
357	DS	Story3	B254	Force	Gravity	Relative	0	1	0
358	DS	Story3	B255	Force	Gravity	Relative	0	1	0
359	DS	Story3	B256	Force	Gravity	Relative	0	1	0
360	DS	Story3	B257	Force	Gravity	Relative	0	1	0
361	DS	Story3	B258	Force	Gravity	Relative	0	1	0
362	DS	Story3	B259	Force	Gravity	Relative	0	1	0
363	DS	Story3	B260	Force	Gravity	Relative	0	1	0
364	DS	Story3	B261	Force	Gravity	Relative	0	1	0
365	DS	Story3	B262	Force	Gravity	Relative	0	1	0
366	DS	Story3	B263	Force	Gravity	Relative	0	1	0

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
367	DS	Story3	B264	Force	Gravity	Relative	0	1	0
368	DS	Story3	B265	Force	Gravity	Relative	0	1	0
369	DS	Story3	B266	Force	Gravity	Relative	0	1	0
370	DS	Story3	B267	Force	Gravity	Relative	0	1	0
371	DS	Story3	B268	Force	Gravity	Relative	0	1	0
372	DS	Story3	B269	Force	Gravity	Relative	0	1	0
373	DS	Story3	B270	Force	Gravity	Relative	0	1	0
374	DS	Story3	B271	Force	Gravity	Relative	0	1	0
375	DS	Story3	B272	Force	Gravity	Relative	0	1	0
376	DS	Story3	B273	Force	Gravity	Relative	0	1	0
29	W1	Story3	B108	Force	Gravity	Relative	0	1	0
30	W1	Story3	B114	Force	Gravity	Relative	0	1	0
179	W1	Story3	B124	Force	Gravity	Relative	0	1	0
251	W1	Story3	B148	Force	Gravity	Relative	0	1	0
252	W1	Story3	B149	Force	Gravity	Relative	0	1	0
253	W1	Story3	B150	Force	Gravity	Relative	0	1	0
254	W1	Story3	B151	Force	Gravity	Relative	0	1	0
255	W1	Story3	B152	Force	Gravity	Relative	0	1	0
256	W1	Story3	B153	Force	Gravity	Relative	0	1	0
257	W1	Story3	B154	Force	Gravity	Relative	0	1	0
258	W1	Story3	B155	Force	Gravity	Relative	0	1	0
259	W1	Story3	B156	Force	Gravity	Relative	0	1	0
260	W1	Story3	B157	Force	Gravity	Relative	0	1	0
261	W1	Story3	B158	Force	Gravity	Relative	0	1	0
262	W1	Story3	B159	Force	Gravity	Relative	0	1	0
263	W1	Story3	B160	Force	Gravity	Relative	0	1	0
264	W1	Story3	B161	Force	Gravity	Relative	0	1	0
265	W1	Story3	B162	Force	Gravity	Relative	0	1	0
266	W1	Story3	B163	Force	Gravity	Relative	0	1	0
267	W1	Story3	B164	Force	Gravity	Relative	0	1	0
268	W1	Story3	B165	Force	Gravity	Relative	0	1	0
269	W1	Story3	B166	Force	Gravity	Relative	0	1	0
270	W1	Story3	B167	Force	Gravity	Relative	0	1	0
271	W1	Story3	B168	Force	Gravity	Relative	0	1	0
272	W1	Story3	B169	Force	Gravity	Relative	0	1	0
273	W1	Story3	B170	Force	Gravity	Relative	0	1	0
274	W1	Story3	B171	Force	Gravity	Relative	0	1	0
333	W1	Story3	B230	Force	Gravity	Relative	0	1	0
335	W1	Story3	B232	Force	Gravity	Relative	0	1	0
337	W1	Story3	B234	Force	Gravity	Relative	0	1	0
347	W1	Story3	B244	Force	Gravity	Relative	0	1	0
348	W1	Story3	B245	Force	Gravity	Relative	0	1	0
349	W1	Story3	B246	Force	Gravity	Relative	0	1	0
350	W1	Story3	B247	Force	Gravity	Relative	0	1	0
351	W1	Story3	B248	Force	Gravity	Relative	0	1	0
352	W1	Story3	B249	Force	Gravity	Relative	0	1	0
353	W1	Story3	B250	Force	Gravity	Relative	0	1	0
354	W1	Story3	B251	Force	Gravity	Relative	0	1	0
355	W1	Story3	B252	Force	Gravity	Relative	0	1	0
356	W1	Story3	B253	Force	Gravity	Relative	0	1	0
357	W1	Story3	B254	Force	Gravity	Relative	0	1	0
358	W1	Story3	B255	Force	Gravity	Relative	0	1	0
359	W1	Story3	B256	Force	Gravity	Relative	0	1	0
360	W1	Story3	B257	Force	Gravity	Relative	0	1	0
361	W1	Story3	B258	Force	Gravity	Relative	0	1	0
362	W1	Story3	B259	Force	Gravity	Relative	0	1	0
363	W1	Story3	B260	Force	Gravity	Relative	0	1	0
364	W1	Story3	B261	Force	Gravity	Relative	0	1	0

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
365	W1	Story3	B262	Force	Gravity	Relative	0	1	0
366	W1	Story3	B263	Force	Gravity	Relative	0	1	0
367	W1	Story3	B264	Force	Gravity	Relative	0	1	0
368	W1	Story3	B265	Force	Gravity	Relative	0	1	0
369	W1	Story3	B266	Force	Gravity	Relative	0	1	0
370	W1	Story3	B267	Force	Gravity	Relative	0	1	0
371	W1	Story3	B268	Force	Gravity	Relative	0	1	0
372	W1	Story3	B269	Force	Gravity	Relative	0	1	0
373	W1	Story3	B270	Force	Gravity	Relative	0	1	0
374	W1	Story3	B271	Force	Gravity	Relative	0	1	0
375	W1	Story3	B272	Force	Gravity	Relative	0	1	0
376	W1	Story3	B273	Force	Gravity	Relative	0	1	0
29	W2	Story3	B108	Force	Gravity	Relative	0	1	0
30	W2	Story3	B114	Force	Gravity	Relative	0	1	0
179	W2	Story3	B124	Force	Gravity	Relative	0	1	0
251	W2	Story3	B148	Force	Gravity	Relative	0	1	0
252	W2	Story3	B149	Force	Gravity	Relative	0	1	0
253	W2	Story3	B150	Force	Gravity	Relative	0	1	0
254	W2	Story3	B151	Force	Gravity	Relative	0	1	0
255	W2	Story3	B152	Force	Gravity	Relative	0	1	0
256	W2	Story3	B153	Force	Gravity	Relative	0	1	0
257	W2	Story3	B154	Force	Gravity	Relative	0	1	0
258	W2	Story3	B155	Force	Gravity	Relative	0	1	0
259	W2	Story3	B156	Force	Gravity	Relative	0	1	0
260	W2	Story3	B157	Force	Gravity	Relative	0	1	0
261	W2	Story3	B158	Force	Gravity	Relative	0	1	0
262	W2	Story3	B159	Force	Gravity	Relative	0	1	0
263	W2	Story3	B160	Force	Gravity	Relative	0	1	0
264	W2	Story3	B161	Force	Gravity	Relative	0	1	0
265	W2	Story3	B162	Force	Gravity	Relative	0	1	0
266	W2	Story3	B163	Force	Gravity	Relative	0	1	0
267	W2	Story3	B164	Force	Gravity	Relative	0	1	0
268	W2	Story3	B165	Force	Gravity	Relative	0	1	0
269	W2	Story3	B166	Force	Gravity	Relative	0	1	0
270	W2	Story3	B167	Force	Gravity	Relative	0	1	0
271	W2	Story3	B168	Force	Gravity	Relative	0	1	0
272	W2	Story3	B169	Force	Gravity	Relative	0	1	0
273	W2	Story3	B170	Force	Gravity	Relative	0	1	0
274	W2	Story3	B171	Force	Gravity	Relative	0	1	0
333	W2	Story3	B230	Force	Gravity	Relative	0	1	0
335	W2	Story3	B232	Force	Gravity	Relative	0	1	0
337	W2	Story3	B234	Force	Gravity	Relative	0	1	0
347	W2	Story3	B244	Force	Gravity	Relative	0	1	0
348	W2	Story3	B245	Force	Gravity	Relative	0	1	0
349	W2	Story3	B246	Force	Gravity	Relative	0	1	0
350	W2	Story3	B247	Force	Gravity	Relative	0	1	0
351	W2	Story3	B248	Force	Gravity	Relative	0	1	0
352	W2	Story3	B249	Force	Gravity	Relative	0	1	0
353	W2	Story3	B250	Force	Gravity	Relative	0	1	0
354	W2	Story3	B251	Force	Gravity	Relative	0	1	0
355	W2	Story3	B252	Force	Gravity	Relative	0	1	0
356	W2	Story3	B253	Force	Gravity	Relative	0	1	0
357	W2	Story3	B254	Force	Gravity	Relative	0	1	0
358	W2	Story3	B255	Force	Gravity	Relative	0	1	0
359	W2	Story3	B256	Force	Gravity	Relative	0	1	0
360	W2	Story3	B257	Force	Gravity	Relative	0	1	0
361	W2	Story3	B258	Force	Gravity	Relative	0	1	0
362	W2	Story3	B259	Force	Gravity	Relative	0	1	0

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
363	W2	Story3	B260	Force	Gravity	Relative	0	1	0
364	W2	Story3	B261	Force	Gravity	Relative	0	1	0
365	W2	Story3	B262	Force	Gravity	Relative	0	1	0
366	W2	Story3	B263	Force	Gravity	Relative	0	1	0
367	W2	Story3	B264	Force	Gravity	Relative	0	1	0
368	W2	Story3	B265	Force	Gravity	Relative	0	1	0
369	W2	Story3	B266	Force	Gravity	Relative	0	1	0
370	W2	Story3	B267	Force	Gravity	Relative	0	1	0
371	W2	Story3	B268	Force	Gravity	Relative	0	1	0
372	W2	Story3	B269	Force	Gravity	Relative	0	1	0
373	W2	Story3	B270	Force	Gravity	Relative	0	1	0
374	W2	Story3	B271	Force	Gravity	Relative	0	1	0
375	W2	Story3	B272	Force	Gravity	Relative	0	1	0
376	W2	Story3	B273	Force	Gravity	Relative	0	1	0

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

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m
45	D	9.1991	450	450
29	L	9.1991	60	60
30	L	9.1991	60	60
179	L	11.5286	60	60
251	L	9.1991	60	60
252	L	9.1991	60	60
253	L	11.5286	60	60
254	L	9.1991	60	60
255	L	9.1991	60	60
256	L	11.5286	60	60
257	L	9.1991	60	60
258	L	9.1991	60	60
259	L	11.5286	60	60
260	L	9.1991	60	60
261	L	9.1991	60	60
262	L	11.5286	60	60
263	L	9.1991	60	60
264	L	9.1991	60	60
265	L	11.5286	60	60
266	L	9.1991	60	60
267	L	9.1991	60	60
268	L	11.5286	60	60
269	L	9.1991	60	60
270	L	9.1991	60	60
271	L	11.5286	60	60
272	L	9.1991	60	60
273	L	9.1991	60	60
274	L	11.5286	60	60
333	L	0.6215	60	60
335	L	0.3967	60	60
337	L	0.1719	60	60
347	L	0.915	60	60
348	L	0.915	60	60
349	L	0.7979	60	60
350	L	0.7979	60	60
351	L	0.7604	60	60
352	L	0.7604	60	60

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m
353	L	0.648	60	60
354	L	0.648	60	60
355	L	0.5356	60	60
356	L	0.5356	60	60
357	L	0.4232	60	60
358	L	0.4232	60	60
359	L	1.07	60	60
360	L	1.07	60	60
361	L	0.9747	60	60
362	L	0.9747	60	60
363	L	0.9441	60	60
364	L	0.9441	60	60
365	L	0.8526	60	60
366	L	0.8526	60	60
367	L	0.7611	60	60
368	L	0.7611	60	60
369	L	0.6696	60	60
370	L	0.6696	60	60
371	L	0.578	60	60
372	L	0.578	60	60
373	L	0.4865	60	60
374	L	0.4865	60	60
375	L	0.395	60	60
376	L	0.395	60	60
29	DS	9.1991	96	96
30	DS	9.1991	96	96
179	DS	11.5286	96	96
251	DS	9.1991	96	96
252	DS	9.1991	96	96
253	DS	11.5286	96	96
254	DS	9.1991	96	96
255	DS	9.1991	96	96
256	DS	11.5286	96	96
257	DS	9.1991	96	96
258	DS	9.1991	96	96
259	DS	11.5286	96	96
260	DS	9.1991	96	96
261	DS	9.1991	96	96
262	DS	11.5286	96	96
263	DS	9.1991	96	96
264	DS	9.1991	96	96
265	DS	11.5286	96	96
266	DS	9.1991	96	96
267	DS	9.1991	96	96
268	DS	11.5286	96	96
269	DS	9.1991	96	96
270	DS	9.1991	96	96
271	DS	11.5286	96	96
272	DS	9.1991	96	96
273	DS	9.1991	96	96
274	DS	11.5286	96	96
333	DS	0.6215	96	96
335	DS	0.3967	96	96
337	DS	0.1719	96	96
347	DS	0.915	96	96
348	DS	0.915	96	96
349	DS	0.7979	96	96
350	DS	0.7979	96	96

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m
351	DS	0.7604	96	96
352	DS	0.7604	96	96
353	DS	0.648	96	96
354	DS	0.648	96	96
355	DS	0.5356	96	96
356	DS	0.5356	96	96
357	DS	0.4232	96	96
358	DS	0.4232	96	96
359	DS	1.07	96	96
360	DS	1.07	96	96
361	DS	0.9747	96	96
362	DS	0.9747	96	96
363	DS	0.9441	96	96
364	DS	0.9441	96	96
365	DS	0.8526	96	96
366	DS	0.8526	96	96
367	DS	0.7611	96	96
368	DS	0.7611	96	96
369	DS	0.6696	96	96
370	DS	0.6696	96	96
371	DS	0.578	96	96
372	DS	0.578	96	96
373	DS	0.4865	96	96
374	DS	0.4865	96	96
375	DS	0.395	96	96
376	DS	0.395	96	96
29	W1	9.1991	90	90
30	W1	9.1991	90	90
179	W1	11.5286	90	90
251	W1	9.1991	90	90
252	W1	9.1991	90	90
253	W1	11.5286	90	90
254	W1	9.1991	90	90
255	W1	9.1991	90	90
256	W1	11.5286	90	90
257	W1	9.1991	90	90
258	W1	9.1991	90	90
259	W1	11.5286	90	90
260	W1	9.1991	90	90
261	W1	9.1991	90	90
262	W1	11.5286	90	90
263	W1	9.1991	90	90
264	W1	9.1991	90	90
265	W1	11.5286	90	90
266	W1	9.1991	90	90
267	W1	9.1991	90	90
268	W1	11.5286	90	90
269	W1	9.1991	90	90
270	W1	9.1991	90	90
271	W1	11.5286	90	90
272	W1	9.1991	90	90
273	W1	9.1991	90	90
274	W1	11.5286	90	90
333	W1	0.6215	90	90
335	W1	0.3967	90	90
337	W1	0.1719	90	90
347	W1	0.915	90	90
348	W1	0.915	90	90

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m
349	W1	0.7979	90	90
350	W1	0.7979	90	90
351	W1	0.7604	90	90
352	W1	0.7604	90	90
353	W1	0.648	90	90
354	W1	0.648	90	90
355	W1	0.5356	90	90
356	W1	0.5356	90	90
357	W1	0.4232	90	90
358	W1	0.4232	90	90
359	W1	1.07	90	90
360	W1	1.07	90	90
361	W1	0.9747	90	90
362	W1	0.9747	90	90
363	W1	0.9441	90	90
364	W1	0.9441	90	90
365	W1	0.8526	90	90
366	W1	0.8526	90	90
367	W1	0.7611	90	90
368	W1	0.7611	90	90
369	W1	0.6696	90	90
370	W1	0.6696	90	90
371	W1	0.578	90	90
372	W1	0.578	90	90
373	W1	0.4865	90	90
374	W1	0.4865	90	90
375	W1	0.395	90	90
376	W1	0.395	90	90
29	W2	9.1991	-48	-48
30	W2	9.1991	-48	-48
179	W2	11.5286	-48	-48
251	W2	9.1991	-48	-48
252	W2	9.1991	-48	-48
253	W2	11.5286	-48	-48
254	W2	9.1991	-48	-48
255	W2	9.1991	-48	-48
256	W2	11.5286	-48	-48
257	W2	9.1991	-48	-48
258	W2	9.1991	-48	-48
259	W2	11.5286	-48	-48
260	W2	9.1991	-48	-48
261	W2	9.1991	-48	-48
262	W2	11.5286	-48	-48
263	W2	9.1991	-48	-48
264	W2	9.1991	-48	-48
265	W2	11.5286	-48	-48
266	W2	9.1991	-48	-48
267	W2	9.1991	-48	-48
268	W2	11.5286	-48	-48
269	W2	9.1991	-48	-48
270	W2	9.1991	-48	-48
271	W2	11.5286	-48	-48
272	W2	9.1991	-48	-48
273	W2	9.1991	-48	-48
274	W2	11.5286	-48	-48
333	W2	0.6215	-48	-48
335	W2	0.3967	-48	-48
337	W2	0.1719	-48	-48

UniqueName	Load Pattern	Absolute Distance B m	Force A kgf/m	Force B kgf/m
347	W2	0.915	-48	-48
348	W2	0.915	-48	-48
349	W2	0.7979	-48	-48
350	W2	0.7979	-48	-48
351	W2	0.7604	-48	-48
352	W2	0.7604	-48	-48
353	W2	0.648	-48	-48
354	W2	0.648	-48	-48
355	W2	0.5356	-48	-48
356	W2	0.5356	-48	-48
357	W2	0.4232	-48	-48
358	W2	0.4232	-48	-48
359	W2	1.07	-48	-48
360	W2	1.07	-48	-48
361	W2	0.9747	-48	-48
362	W2	0.9747	-48	-48
363	W2	0.9441	-48	-48
364	W2	0.9441	-48	-48
365	W2	0.8526	-48	-48
366	W2	0.8526	-48	-48
367	W2	0.7611	-48	-48
368	W2	0.7611	-48	-48
369	W2	0.6696	-48	-48
370	W2	0.6696	-48	-48
371	W2	0.578	-48	-48
372	W2	0.578	-48	-48
373	W2	0.4865	-48	-48
374	W2	0.4865	-48	-48
375	W2	0.395	-48	-48
376	W2	0.395	-48	-48

2.3.2 Area Loads

Table 2.7 - Area Load Assignments - Uniform

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
Story2	F1	1	L	Gravity	200
Story2	F2	2	L	Gravity	200
Story2	F3	3	L	Gravity	200
Story2	F4	4	L	Gravity	1000
Story2	F5	5	L	Gravity	200
Story2	F6	6	L	Gravity	200
Story2	F7	7	L	Gravity	200
Story2	F8	8	L	Gravity	200
Story2	F9	9	L	Gravity	200
Story2	F10	10	L	Gravity	200
Story2	F11	11	L	Gravity	200
Story2	F12	12	L	Gravity	200
Story2	F13	13	L	Gravity	200
Story2	F14	14	L	Gravity	200
Story2	F15	15	L	Gravity	200
Story2	F16	16	L	Gravity	200
Story2	F17	17	L	Gravity	200
Story2	F18	18	L	Gravity	200
Story2	F19	19	L	Gravity	200
Story2	F1	1	DS	Gravity	200
Story2	F2	2	DS	Gravity	200
Story2	F3	3	DS	Gravity	200

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
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	F16	16	DS	Gravity	200
Story2	F17	17	DS	Gravity	200
Story2	F18	18	DS	Gravity	200
Story2	F19	19	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								
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	

Name	Period sec	Value	Damping Ratio
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
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	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	

Name	Type	Is Auto	Load Name	SF	Notes
CIM 1.0D+0.7SY			SY	0.7	
CIM 1.0D+0.7SY			DS	1	
CIM 1.0D+0.75L+0.5SX	Linear Add	No	Dead	1	
CIM 1.0D+0.75L+0.5SX			Live	0.75	
CIM 1.0D+0.75L+0.5SX			SX	0.5	
CIM 1.0D+0.75L+0.5SX			DS	1	
CIM 1.0D+0.75L+0.5SY	Linear Add	No	Dead	1	
CIM 1.0D+0.75L+0.5SY			Live	0.75	
CIM 1.0D+0.75L+0.5SY			SY	0.5	
CIM 1.0D+0.75L+0.5SY			DS	1	
CIM 1.0D+1.0L	Linear Add	No	Dead	1	
CIM 1.0D+1.0L			Live	1	
CIM 1.0D+1.0L			DS	1	
DES 0.6D+1.0SX	Linear Add	No	Dead	0.6	
DES 0.6D+1.0SX			SX	1	
DES 0.6D+1.0SX			DS	0.6	
DES 0.6D+1.0SY	Linear Add	No	Dead	0.6	
DES 0.6D+1.0SY			SY	1	
DES 0.6D+1.0SY			DS	0.6	
DES 1.0D+0.75L+0.75SX	Linear Add	No	Dead	1	
DES 1.0D+0.75L+0.75SX			Live	0.75	
DES 1.0D+0.75L+0.75SX			SX	0.75	
DES 1.0D+0.75L+0.75SX			DS	1	
DES 1.0D+0.75L+0.75SY	Linear Add	No	Dead	1	
DES 1.0D+0.75L+0.75SY			Live	0.75	
DES 1.0D+0.75L+0.75SY			SY	0.75	
DES 1.0D+0.75L+0.75SY			DS	1	
DES 1.0D+1.0SX	Linear Add	No	Dead	1	
DES 1.0D+1.0SX			SX	1	
DES 1.0D+1.0SX			DS	1	
DES 1.0D+1.0SY	Linear Add	No	Dead	1	
DES 1.0D+1.0SY			SY	1	
DES 1.0D+1.0SY			DS	1	
DStID1	Linear Add	Yes	Dead	1	Dead [Deflections]
DStID1			DS	1	
DStID2	Linear Add	Yes	Dead	1	Dead + Live [Deflections]
DStID2			Live	1	
DStID2			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	

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

Name	Type	Is Auto	Load Name	SF	Notes
ELU 0.9D-1.0SX-0.3SY			SY	-0.3	
ELU 0.9D-1.0SX-0.3SY			DS	0.9	
ELU 0.9D-1.0SX+0.3SY	Linear Add	No	Dead	0.9	
ELU 0.9D-1.0SX+0.3SY			SX	-1	
ELU 0.9D-1.0SX+0.3SY			SY	0.3	
ELU 0.9D-1.0SX+0.3SY			DS	0.9	
ELU 0.9D-1.0SY-0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D-1.0SY-0.3SX			SY	-1	
ELU 0.9D-1.0SY-0.3SX			SX	-0.3	
ELU 0.9D-1.0SY-0.3SX			DS	0.9	
ELU 0.9D-1.0SY+0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D-1.0SY+0.3SX			SY	-1	
ELU 0.9D-1.0SY+0.3SX			SX	0.3	
ELU 0.9D-1.0SY+0.3SX			DS	0.9	
ELU 0.9D+1.0SX-0.3SY	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SX-0.3SY			SX	1	
ELU 0.9D+1.0SX-0.3SY			SY	-0.3	
ELU 0.9D+1.0SX-0.3SY			DS	0.9	
ELU 0.9D+1.0SX+0.3SY	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SX+0.3SY			SX	1	
ELU 0.9D+1.0SX+0.3SY			SY	0.3	
ELU 0.9D+1.0SX+0.3SY			DS	0.9	
ELU 0.9D+1.0SY-0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SY-0.3SX			SY	1	
ELU 0.9D+1.0SY-0.3SX			SX	-0.3	
ELU 0.9D+1.0SY-0.3SX			DS	0.9	
ELU 0.9D+1.0SY+0.3SX	Linear Add	No	Dead	0.9	
ELU 0.9D+1.0SY+0.3SX			SY	1	
ELU 0.9D+1.0SY+0.3SX			SX	0.3	
ELU 0.9D+1.0SY+0.3SX			DS	0.9	
ELU 0.9D+1.6H	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6H			DS	0.9	
ELU 0.9D+1.6H+1.0SX	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6H+1.0SX			DS	0.9	
ELU 0.9D+1.6H+1.0SX			SX	1	
ELU 0.9D+1.6H+1.0SY	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6H+1.0SY			DS	0.9	
ELU 0.9D+1.6H+1.0SY			SY	1	
ELU 0.9D+1.6W1	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6W1			W1	1.6	
ELU 0.9D+1.6W1			DS	0.9	
ELU 0.9D+1.6W2	Linear Add	No	Dead	0.9	
ELU 0.9D+1.6W2			W2	1.6	
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	

Name	Type	Is Auto	Load Name	SF	Notes
ELU 1.2D+1.0L-1.0SY-0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L-1.0SY-0.3SX			Live	1	
ELU 1.2D+1.0L-1.0SY-0.3SX			SY	-1	
ELU 1.2D+1.0L-1.0SY-0.3SX			SX	-0.3	
ELU 1.2D+1.0L-1.0SY-0.3SX			DS	1.2	
ELU 1.2D+1.0L-1.0SY+0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L-1.0SY+0.3SX			Live	1	
ELU 1.2D+1.0L-1.0SY+0.3SX			SY	-1	
ELU 1.2D+1.0L-1.0SY+0.3SX			SX	0.3	
ELU 1.2D+1.0L-1.0SY+0.3SX			DS	1.2	
ELU 1.2D+1.0L+1.0SX-0.3SY	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SX-0.3SY			Live	1	
ELU 1.2D+1.0L+1.0SX-0.3SY			SX	1	
ELU 1.2D+1.0L+1.0SX-0.3SY			SY	-0.3	
ELU 1.2D+1.0L+1.0SX-0.3SY			DS	1.2	
ELU 1.2D+1.0L+1.0SX+0.3SY	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SX+0.3SY			Live	1	
ELU 1.2D+1.0L+1.0SX+0.3SY			SX	1	
ELU 1.2D+1.0L+1.0SX+0.3SY			SY	0.3	
ELU 1.2D+1.0L+1.0SX+0.3SY			DS	1.2	
ELU 1.2D+1.0L+1.0SY-0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SY-0.3SX			Live	1	
ELU 1.2D+1.0L+1.0SY-0.3SX			SY	1	
ELU 1.2D+1.0L+1.0SY-0.3SX			SX	-0.3	
ELU 1.2D+1.0L+1.0SY-0.3SX			DS	1.2	
ELU 1.2D+1.0L+1.0SY+0.3SX	Linear Add	No	Dead	1.2	
ELU 1.2D+1.0L+1.0SY+0.3SX			Live	1	
ELU 1.2D+1.0L+1.0SY+0.3SX			SY	1	
ELU 1.2D+1.0L+1.0SY+0.3SX			SX	0.3	
ELU 1.2D+1.0L+1.0SY+0.3SX			DS	1.2	
ELU 1.2D+1.6H	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6H			DS	1.2	
ELU 1.2D+1.6L	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6L			Live	1.6	
ELU 1.2D+1.6L			DS	1.2	
ELU 1.2D+1.6W1+1.0L	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6W1+1.0L			W1	1.6	
ELU 1.2D+1.6W1+1.0L			DS	1.2	
ELU 1.2D+1.6W1+1.0L			Live	1	
ELU 1.2D+1.6W2+1.0L	Linear Add	No	Dead	1.2	
ELU 1.2D+1.6W2+1.0L			W2	1.6	
ELU 1.2D+1.6W2+1.0L			DS	1.2	
ELU 1.2D+1.6W2+1.0L			Live	1	
ELU 1.4D	Linear Add	No	Dead	1.4	
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	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m	X m
Dead	LinStatic		0	0	205.48	1127.12	-2787.68	0	0
Live	LinStatic		0	0	55.97	287.17	-735.28	0	0
SX	LinRespSpec	Max	32.99	1.91	0	8.51	145.33	178.96	0
SY	LinRespSpec	Max	2.26	44.57	0	198.46	9.54	529	0
SXEST	LinStatic		-191.89	0	0	0	-857.82	1134.09	0
SYEST	LinStatic		0	-191.89	0	857.82	0	-2579.78	0
DS	LinStatic		0	0	66.49	402.07	-895.05	0	0
W1	LinStatic		0	0	26.29	287.23	-399.41	0	0
W2	LinStatic		0	0	-14.02	-153.19	213.02	0	0
SX-UMBRAL	LinRespSpec	Max	28.32	1.65	0	7.35	124.48	147.9	0
SY-UMBRAL	LinRespSpec	Max	1.5	29.57	0	131.67	6.32	342.58	0
SX-UMBRAL-EST	LinStatic		-32.75	0	0	0	-146.4	193.55	0
SY-UMBRAL-EST	LinStatic		0	-32.75	0	146.4	0	-440.28	0
ELS 1.0D	Combination		0	0	271.97	1529.19	-3682.73	0	0
ELS 1.0D+1.0L	Combination		0	0	327.93	1816.36	-4418.01	0	0
ELS 1.0D+0.75L	Combination		0	0	313.94	1744.57	-4234.19	0	0
ELS 1.0D+0.7SX	Combination	Max	23.1	1.34	271.97	1535.14	-3581	125.27	0
ELS 1.0D+0.7SX	Combination	Min	-23.1	-1.34	271.97	1523.23	-3784.46	-125.27	0
ELS 1.0D+0.7SY	Combination	Max	1.58	31.2	271.97	1668.11	-3676.05	370.3	0
ELS 1.0D+0.7SY	Combination	Min	-1.58	-31.2	271.97	1390.26	-3689.41	-370.3	0
ELS 1.0D+0.75L+0.525SX	Combination	Max	17.32	1	313.94	1749.03	-4157.89	93.95	0
ELS 1.0D+0.75L+0.525SX	Combination	Min	-17.32	-1	313.94	1740.1	-4310.49	-93.95	0
ELS 1.0D+0.75L+0.525SY	Combination	Max	1.19	23.4	313.94	1848.76	-4229.18	277.72	0
ELS 1.0D+0.75L+0.525SY	Combination	Min	-1.19	-23.4	313.94	1640.38	-4239.2	-277.72	0
ELS 0.6D+0.7SX	Combination	Max	23.1	1.34	163.18	923.47	-2107.91	125.27	0
ELS 0.6D+0.7SX	Combination	Min	-23.1	-1.34	163.18	911.56	-2311.37	-125.27	0
ELS 0.6D+0.7SY	Combination	Max	1.58	31.2	163.18	1056.44	-2202.96	370.3	0
ELS 0.6D+0.7SY	Combination	Min	-1.58	-31.2	163.18	778.59	-2216.31	-370.3	0
ELU 1.4D	Combination		0	0	380.75	2140.86	-5155.82	0	0
ELU 1.2D+1.6L	Combination		0	0	415.91	2294.5	-5595.73	0	0
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	33.67	15.28	382.33	2190.24	-5006.37	337.66	0
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	-33.67	-15.28	382.33	2054.16	-5302.75	-337.66	0
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	12.16	45.14	382.33	2323.21	-5101.42	582.69	0
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	-12.16	-45.14	382.33	1921.19	-5207.69	-582.69	0
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	33.67	15.28	382.33	2190.24	-5006.37	337.66	0
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	-33.67	-15.28	382.33	2054.16	-5302.75	-337.66	0
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	12.16	45.14	382.33	2323.21	-5101.42	582.69	0
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	-12.16	-45.14	382.33	1921.19	-5207.69	-582.69	0
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	33.67	15.28	382.33	2190.24	-5006.37	337.66	0
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	-33.67	-15.28	382.33	2054.16	-5302.75	-337.66	0
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	12.16	45.14	382.33	2323.21	-5101.42	582.69	0
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	-12.16	-45.14	382.33	1921.19	-5207.69	-582.69	0
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	33.67	15.28	382.33	2190.24	-5006.37	337.66	0
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	-33.67	-15.28	382.33	2054.16	-5302.75	-337.66	0
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	12.16	45.14	382.33	2323.21	-5101.42	582.69	0
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	-12.16	-45.14	382.33	1921.19	-5207.69	-582.69	0
ELU 0.9D	Combination		0	0	244.77	1376.27	-3314.46	0	0
ELU 0.9D+1.0SX+0.3SY	Combination	Max	33.67	15.28	244.77	1444.31	-3166.27	337.66	0
ELU 0.9D+1.0SX+0.3SY	Combination	Min	-33.67	-15.28	244.77	1308.22	-3462.64	-337.66	0
ELU 0.9D+1.0SY+0.3SX	Combination	Max	12.16	45.14	244.77	1577.28	-3261.32	582.69	0
ELU 0.9D+1.0SY+0.3SX	Combination	Min	-12.16	-45.14	244.77	1175.25	-3367.59	-582.69	0
ELU 0.9D+1.0SX-0.3SY	Combination	Max	33.67	15.28	244.77	1444.31	-3166.27	337.66	0
ELU 0.9D+1.0SX-0.3SY	Combination	Min	-33.67	-15.28	244.77	1308.22	-3462.64	-337.66	0

Output Case	Case Type	Step Type	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m	X m
ELU 0.9D+1.0SY-0.3SX	Combination	Max	12.16	45.14	244.77	1577.28	-3261.32	582.69	0
ELU 0.9D+1.0SY-0.3SX	Combination	Min	-12.16	-45.14	244.77	1175.25	-3367.59	-582.69	0
ELU 0.9D-1.0SX+0.3SY	Combination	Max	33.67	15.28	244.77	1444.31	-3166.27	337.66	0
ELU 0.9D-1.0SX+0.3SY	Combination	Min	-33.67	-15.28	244.77	1308.22	-3462.64	-337.66	0
ELU 0.9D-1.0SY+0.3SX	Combination	Max	12.16	45.14	244.77	1577.28	-3261.32	582.69	0
ELU 0.9D-1.0SY+0.3SX	Combination	Min	-12.16	-45.14	244.77	1175.25	-3367.59	-582.69	0
ELU 0.9D-1.0SX-0.3SY	Combination	Max	33.67	15.28	244.77	1444.31	-3166.27	337.66	0
ELU 0.9D-1.0SX-0.3SY	Combination	Min	-33.67	-15.28	244.77	1308.22	-3462.64	-337.66	0
ELU 0.9D-1.0SY-0.3SX	Combination	Max	12.16	45.14	244.77	1577.28	-3261.32	582.69	0
ELU 0.9D-1.0SY-0.3SX	Combination	Min	-12.16	-45.14	244.77	1175.25	-3367.59	-582.69	0
CIM 1.0D	Combination		0	0	271.97	1529.19	-3682.73	0	0
CIM 1.0D+1.0L	Combination		0	0	327.93	1816.36	-4418.01	0	0
CIM 0,6D	Combination		0	0	163.18	917.51	-2209.64	0	0
CIM 0,6D+0.7SX	Combination	Max	23.1	1.34	163.18	923.47	-2107.91	125.27	0
CIM 0,6D+0.7SX	Combination	Min	-23.1	-1.34	163.18	911.56	-2311.37	-125.27	0
CIM 0,6D+0.7SY	Combination	Max	1.58	31.2	163.18	1056.44	-2202.96	370.3	0
CIM 0,6D+0.7SY	Combination	Min	-1.58	-31.2	163.18	778.59	-2216.31	-370.3	0
CIM 1.0D+0.7SX	Combination	Max	23.1	1.34	271.97	1535.14	-3581	125.27	0
CIM 1.0D+0.7SX	Combination	Min	-23.1	-1.34	271.97	1523.23	-3784.46	-125.27	0
CIM 1.0D+0.7SY	Combination	Max	1.58	31.2	271.97	1668.11	-3676.05	370.3	0
CIM 1.0D+0.7SY	Combination	Min	-1.58	-31.2	271.97	1390.26	-3689.41	-370.3	0
CIM 1.0D+0.75L+0.5SX	Combination	Max	16.5	0.95	313.94	1748.82	-4161.53	89.48	0
CIM 1.0D+0.75L+0.5SX	Combination	Min	-16.5	-0.95	313.94	1740.32	-4306.85	-89.48	0
CIM 1.0D+0.75L+0.5SY	Combination	Max	1.13	22.28	313.94	1843.8	-4229.42	264.5	0
CIM 1.0D+0.75L+0.5SY	Combination	Min	-1.13	-22.28	313.94	1645.34	-4238.96	-264.5	0
DES 1.0D+1.0SX	Combination	Max	32.99	1.91	271.97	1537.69	-3537.4	178.96	0
DES 1.0D+1.0SX	Combination	Min	-32.99	-1.91	271.97	1520.68	-3828.06	-178.96	0
DES 1.0D+1.0SY	Combination	Max	2.26	44.57	271.97	1727.65	-3673.19	529	0
DES 1.0D+1.0SY	Combination	Min	-2.26	-44.57	271.97	1330.72	-3692.27	-529	0
DES 1.0D+0.75L+0.75SX	Combination	Max	24.75	1.43	313.94	1750.95	-4125.2	134.22	0
DES 1.0D+0.75L+0.75SX	Combination	Min	-24.75	-1.43	313.94	1738.19	-4343.19	-134.22	0
DES 1.0D+0.75L+0.75SY	Combination	Max	1.7	33.43	313.94	1893.42	-4227.04	396.75	0
DES 1.0D+0.75L+0.75SY	Combination	Min	-1.7	-33.43	313.94	1595.72	-4241.35	-396.75	0
DES 0.6D+1.0SX	Combination	Max	32.99	1.91	163.18	926.02	-2064.31	178.96	0
DES 0.6D+1.0SX	Combination	Min	-32.99	-1.91	163.18	909.01	-2354.96	-178.96	0
DES 0.6D+1.0SY	Combination	Max	2.26	44.57	163.18	1115.97	-2200.1	529	0
DES 0.6D+1.0SY	Combination	Min	-2.26	-44.57	163.18	719.05	-2219.18	-529	0
ELS 1.0D+1.0W1	Combination		0	0	298.26	1816.42	-4082.14	0	0
ELS 1.0D+1.0W2	Combination		0	0	257.94	1376	-3469.71	0	0
ELS 1.0D+0.75W1+0.75L	Combination		0	0	333.66	1959.99	-4533.75	0	0
ELS 1.0D+0.75W2+0.75L	Combination		0	0	303.42	1629.68	-4074.42	0	0
ELS 0.6D+1.0W1	Combination		0	0	189.47	1204.74	-2609.05	0	0
ELS 0.6D+1.0W2	Combination		0	0	149.16	764.32	-1996.62	0	0
ELU 1.2D+0.8W1	Combination		0	0	347.39	2064.81	-4738.81	0	0
ELU 1.2D+0.8W2	Combination		0	0	315.14	1712.47	-4248.86	0	0
ELU 0.9D+1.6W1	Combination		0	0	286.84	1835.84	-3953.52	0	0
ELU 0.9D+1.6W2	Combination		0	0	222.33	1131.16	-2973.62	0	0
ELU 1.2D+1.6W1+1.0L	Combination		0	0	424.4	2581.77	-5793.62	0	0
ELU 1.2D+1.6W2+1.0L	Combination		0	0	359.89	1877.09	-4813.72	0	0
ELS 1.0D+1.0H+1.0L	Combination		0	0	327.93	1816.36	-4418.01	0	0
ELS 1.0D+1.0H	Combination		0	0	271.97	1529.19	-3682.73	0	0
ELS 1.0D+1.0H+0.75L	Combination		0	0	313.94	1744.57	-4234.19	0	0
ELS 1.0D+1.0H+0.7SX	Combination	Max	23.1	1.34	271.97	1535.14	-3581	125.27	0
ELS 1.0D+1.0H+0.7SX	Combination	Min	-23.1	-1.34	271.97	1523.23	-3784.46	-125.27	0
ELS 1.0D+1.0H+0.7SY	Combination	Max	1.58	31.2	271.97	1668.11	-3676.05	370.3	0
ELS 1.0D+1.0H+0.7SY	Combination	Min	-1.58	-31.2	271.97	1390.26	-3689.41	-370.3	0
ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	17.32	1	313.94	1749.03	-4157.89	93.95	0
ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	-17.32	-1	313.94	1740.1	-4310.49	-93.95	0
ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	1.19	23.4	313.94	1848.76	-4229.18	277.72	0
ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	-1.19	-23.4	313.94	1640.38	-4239.2	-277.72	0

Output Case	Case Type	Step Type	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m	X m
ELS 0.6D+1.0H	Combination		0	0	163.18	917.51	-2209.64	0	0
ELS 0.6D+1.0H+0.7SX	Combination	Max	23.1	1.34	163.18	923.47	-2107.91	125.27	0
ELS 0.6D+1.0H+0.7SX	Combination	Min	-23.1	-1.34	163.18	911.56	-2311.37	-125.27	0
ELS 0.6D+1.0H+0.7SY	Combination	Max	1.58	31.2	163.18	1056.44	-2202.96	370.3	0
ELS 0.6D+1.0H+0.7SY	Combination	Min	-1.58	-31.2	163.18	778.59	-2216.31	-370.3	0
ELU 1.2D+1.6H	Combination		0	0	326.36	1835.02	-4419.27	0	0
ELU 0.9D+1.6H	Combination		0	0	244.77	1376.27	-3314.46	0	0
ELU 0.9D+1.6H+1.0SX	Combination	Max	32.99	1.91	244.77	1384.77	-3169.13	178.96	0
ELU 0.9D+1.6H+1.0SX	Combination	Min	-32.99	-1.91	244.77	1367.76	-3459.78	-178.96	0
ELU 0.9D+1.6H+1.0SY	Combination	Max	2.26	44.57	244.77	1574.73	-3304.92	529	0
ELU 0.9D+1.6H+1.0SY	Combination	Min	-2.26	-44.57	244.77	1177.81	-3324	-529	0
DStID1	Combination		0	0	271.97	1529.19	-3682.73	0	0
DStID2	Combination		0	0	327.93	1816.36	-4418.01	0	0

Table 3.1 - Base Reactions (Part 2 of 2)

[illegible]

[illegible]

[illegible]

3.2 Story Results

Table 3.2 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story3	Dead	LinStatic		Y	0.000243	1	0	13.6096	5.55
Story3	Live	LinStatic		X	0.000418	8	29.9268	13.6096	5.55
Story3	Live	LinStatic		Y	0.000443	4	9.1991	13.6096	5.55
Story3	SX	LinRespSpec	Max	X	0.000258	1	0	13.6096	5.55
Story3	SY	LinRespSpec	Max	Y	0.001024	4	9.1991	13.6096	5.55
Story3	SXEST	LinStatic		X	0.001502	1	0	13.6096	5.55
Story3	SYEST	LinStatic		Y	0.003819	4	9.1991	13.6096	5.55
Story3	DS	LinStatic		X	0.000669	8	29.9268	13.6096	5.55
Story3	DS	LinStatic		Y	0.000701	4	9.1991	13.6096	5.55
Story3	W1	LinStatic		X	0.000627	8	29.9268	13.6096	5.55
Story3	W1	LinStatic		Y	0.000644	4	9.1991	13.6096	5.55
Story3	W2	LinStatic		X	0.000335	8	29.9268	13.6096	5.55
Story3	W2	LinStatic		Y	0.000344	4	9.1991	13.6096	5.55
Story3	SX-UMBRAL	LinRespSpec	Max	X	0.000208	1	0	13.6096	5.55
Story3	SX-UMBRAL	LinRespSpec	Max	Y	2.8E-05	4	9.1991	13.6096	5.55
Story3	SY-UMBRAL	LinRespSpec	Max	Y	0.000682	4	9.1991	13.6096	5.55
Story3	SX-UMBRAL-EST	LinStatic		X	0.000256	1	0	13.6096	5.55
Story3	SY-UMBRAL-EST	LinStatic		Y	0.000652	4	9.1991	13.6096	5.55
Story3	ELS 1.0D	Combination		X	0.000792	8	29.9268	13.6096	5.55
Story3	ELS 1.0D	Combination		Y	0.000892	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0L	Combination		X	0.00121	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0L	Combination		Y	0.001335	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.75L	Combination		X	0.001105	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.75L	Combination		Y	0.001225	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.7SX	Combination	Max	X	0.00065	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.7SX	Combination	Max	Y	0.000869	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.7SX	Combination	Min	X	0.000933	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.7SX	Combination	Min	Y	0.000916	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.7SY	Combination	Max	X	0.000771	8	29.9268	13.6096	5.55

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story3	ELS 1.0D+0.7SY	Combination	Max	Y	0.000364	7	18.3982	13.6096	5.55
Story3	ELS 1.0D+0.7SY	Combination	Min	X	0.000812	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.7SY	Combination	Min	Y	0.001609	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SX	Combination	Max	X	0.000999	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SX	Combination	Max	Y	0.001207	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SX	Combination	Min	X	0.001211	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SX	Combination	Min	Y	0.001243	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SY	Combination	Max	X	0.00109	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SY	Combination	Max	Y	0.000767	7	18.3982	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SY	Combination	Min	X	0.001121	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.75L+0.525SY	Combination	Min	Y	0.001762	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+0.7SX	Combination	Max	X	0.000334	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+0.7SX	Combination	Max	Y	0.000512	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+0.7SX	Combination	Min	X	0.000616	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+0.7SX	Combination	Min	Y	0.000559	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+0.7SY	Combination	Max	X	0.000455	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+0.7SY	Combination	Max	Y	0.000284	1	0	13.6096	5.55
Story3	ELS 0.6D+0.7SY	Combination	Min	X	0.000495	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+0.7SY	Combination	Min	Y	0.001252	4	9.1991	13.6096	5.55
Story3	ELU 1.4D	Combination		X	0.001108	8	29.9268	13.6096	5.55
Story3	ELU 1.4D	Combination		Y	0.001249	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.6L	Combination		X	0.001619	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.6L	Combination		Y	0.00178	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.001158	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.001173	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.001579	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.001855	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.001279	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.000734	7	18.3982	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.001458	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.002548	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	X	0.001158	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	Y	0.001173	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	X	0.001579	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	Y	0.001855	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	X	0.001279	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Y	0.000734	7	18.3982	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	X	0.001458	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Y	0.002548	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	X	0.001158	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Y	0.001173	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	X	0.001579	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Y	0.001855	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	X	0.001279	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Y	0.000734	7	18.3982	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	X	0.001458	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Y	0.002548	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	X	0.001158	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Y	0.001173	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	X	0.001579	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Y	0.001855	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	X	0.001279	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	Y	0.000734	7	18.3982	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	X	0.001458	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	Y	0.002548	4	9.1991	13.6096	5.55
Story3	ELU 0.9D	Combination		X	0.000712	8	29.9268	13.6096	5.55
Story3	ELU 0.9D	Combination		Y	0.000803	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.0SX+0.3SY	Combination	Max	X	0.000502	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Y	0.0005	7	18.3982	13.6096	5.55
Story3	ELU 0.9D+1.0SX+0.3SY	Combination	Min	X	0.000923	8	29.9268	13.6096	5.55

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story3	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Y	0.001145	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.0SY+0.3SX	Combination	Max	X	0.000623	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Y	0.000387	1	0	13.6096	5.55
Story3	ELU 0.9D+1.0SY+0.3SX	Combination	Min	X	0.000802	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Y	0.001838	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.0SX-0.3SY	Combination	Max	X	0.000502	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Y	0.0005	7	18.3982	13.6096	5.55
Story3	ELU 0.9D+1.0SX-0.3SY	Combination	Min	X	0.000923	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Y	0.001145	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.0SY-0.3SX	Combination	Max	X	0.000623	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Y	0.000387	1	0	13.6096	5.55
Story3	ELU 0.9D+1.0SY-0.3SX	Combination	Min	X	0.000802	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Y	0.001838	4	9.1991	13.6096	5.55
Story3	ELU 0.9D-1.0SX+0.3SY	Combination	Max	X	0.000502	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Y	0.0005	7	18.3982	13.6096	5.55
Story3	ELU 0.9D-1.0SX+0.3SY	Combination	Min	X	0.000923	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Y	0.001145	4	9.1991	13.6096	5.55
Story3	ELU 0.9D-1.0SY+0.3SX	Combination	Max	X	0.000623	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Y	0.000387	1	0	13.6096	5.55
Story3	ELU 0.9D-1.0SY+0.3SX	Combination	Min	X	0.000802	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Y	0.001838	4	9.1991	13.6096	5.55
Story3	ELU 0.9D-1.0SX-0.3SY	Combination	Max	X	0.000502	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Y	0.0005	7	18.3982	13.6096	5.55
Story3	ELU 0.9D-1.0SX-0.3SY	Combination	Min	X	0.000923	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Y	0.001145	4	9.1991	13.6096	5.55
Story3	ELU 0.9D-1.0SY-0.3SX	Combination	Max	X	0.000623	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Y	0.000387	1	0	13.6096	5.55
Story3	ELU 0.9D-1.0SY-0.3SX	Combination	Min	X	0.000802	8	29.9268	13.6096	5.55
Story3	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Y	0.001838	4	9.1991	13.6096	5.55
Story3	CIM 1.0D	Combination		X	0.000792	8	29.9268	13.6096	5.55
Story3	CIM 1.0D	Combination		Y	0.000892	4	9.1991	13.6096	5.55
Story3	CIM 1.0D+1.0L	Combination		X	0.00121	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+1.0L	Combination		Y	0.001335	4	9.1991	13.6096	5.55
Story3	CIM 0,6D	Combination		X	0.000475	8	29.9268	13.6096	5.55
Story3	CIM 0,6D	Combination		Y	0.000535	4	9.1991	13.6096	5.55
Story3	CIM 0,6D+0.7SX	Combination	Max	X	0.000334	8	29.9268	13.6096	5.55
Story3	CIM 0,6D+0.7SX	Combination	Max	Y	0.000512	4	9.1991	13.6096	5.55
Story3	CIM 0,6D+0.7SX	Combination	Min	X	0.000616	8	29.9268	13.6096	5.55
Story3	CIM 0,6D+0.7SX	Combination	Min	Y	0.000559	4	9.1991	13.6096	5.55
Story3	CIM 0,6D+0.7SY	Combination	Max	X	0.000455	8	29.9268	13.6096	5.55
Story3	CIM 0,6D+0.7SY	Combination	Max	Y	0.000284	1	0	13.6096	5.55
Story3	CIM 0,6D+0.7SY	Combination	Min	X	0.000495	8	29.9268	13.6096	5.55
Story3	CIM 0,6D+0.7SY	Combination	Min	Y	0.001252	4	9.1991	13.6096	5.55
Story3	CIM 1.0D+0.7SX	Combination	Max	X	0.00065	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.7SX	Combination	Max	Y	0.000869	4	9.1991	13.6096	5.55
Story3	CIM 1.0D+0.7SX	Combination	Min	X	0.000933	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.7SX	Combination	Min	Y	0.000916	4	9.1991	13.6096	5.55
Story3	CIM 1.0D+0.7SY	Combination	Max	X	0.000771	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.7SY	Combination	Max	Y	0.000364	7	18.3982	13.6096	5.55
Story3	CIM 1.0D+0.7SY	Combination	Min	X	0.000812	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.7SY	Combination	Min	Y	0.001609	4	9.1991	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SX	Combination	Max	X	0.001004	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SX	Combination	Max	Y	0.001208	4	9.1991	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SX	Combination	Min	X	0.001206	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SX	Combination	Min	Y	0.001242	4	9.1991	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SY	Combination	Max	X	0.001091	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SY	Combination	Max	Y	0.000781	7	18.3982	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SY	Combination	Min	X	0.00112	8	29.9268	13.6096	5.55
Story3	CIM 1.0D+0.75L+0.5SY	Combination	Min	Y	0.001737	4	9.1991	13.6096	5.55
Story3	DES 1.0D+1.0SX	Combination	Max	X	0.00059	8	29.9268	13.6096	5.55

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story3	DES 1.0D+1.0SX	Combination	Max	Y	0.000858	4	9.1991	13.6096	5.55
Story3	DES 1.0D+1.0SX	Combination	Min	X	0.000993	8	29.9268	13.6096	5.55
Story3	DES 1.0D+1.0SX	Combination	Min	Y	0.000927	4	9.1991	13.6096	5.55
Story3	DES 1.0D+1.0SY	Combination	Max	X	0.000762	8	29.9268	13.6096	5.55
Story3	DES 1.0D+1.0SY	Combination	Max	Y	0.000321	1	0	13.6096	5.55
Story3	DES 1.0D+1.0SY	Combination	Min	X	0.000821	8	29.9268	13.6096	5.55
Story3	DES 1.0D+1.0SY	Combination	Min	Y	0.001917	4	9.1991	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SX	Combination	Max	X	0.000954	8	29.9268	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SX	Combination	Max	Y	0.001199	4	9.1991	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SX	Combination	Min	X	0.001257	8	29.9268	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SX	Combination	Min	Y	0.00125	4	9.1991	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SY	Combination	Max	X	0.001083	8	29.9268	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SY	Combination	Max	Y	0.000633	7	18.3982	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SY	Combination	Min	X	0.001127	8	29.9268	13.6096	5.55
Story3	DES 1.0D+0.75L+0.75SY	Combination	Min	Y	0.001993	4	9.1991	13.6096	5.55
Story3	DES 0.6D+1.0SX	Combination	Max	X	0.00034	1	0	13.6096	5.55
Story3	DES 0.6D+1.0SX	Combination	Max	Y	0.000501	4	9.1991	13.6096	5.55
Story3	DES 0.6D+1.0SX	Combination	Min	X	0.000677	8	29.9268	13.6096	5.55
Story3	DES 0.6D+1.0SX	Combination	Min	Y	0.00057	4	9.1991	13.6096	5.55
Story3	DES 0.6D+1.0SY	Combination	Max	X	0.000446	8	29.9268	13.6096	5.55
Story3	DES 0.6D+1.0SY	Combination	Max	Y	0.000557	1	0	13.6096	5.55
Story3	DES 0.6D+1.0SY	Combination	Min	X	0.000504	8	29.9268	13.6096	5.55
Story3	DES 0.6D+1.0SY	Combination	Min	Y	0.00156	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0W1	Combination		X	0.001419	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0W1	Combination		Y	0.001537	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0W2	Combination		X	0.000457	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0W2	Combination		Y	0.000549	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.75W1+0.75L	Combination		X	0.001576	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.75W1+0.75L	Combination		Y	0.001708	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+0.75W2+0.75L	Combination		X	0.000854	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+0.75W2+0.75L	Combination		Y	0.000967	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+1.0W1	Combination		X	0.001102	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+1.0W1	Combination		Y	0.00118	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+1.0W2	Combination		X	0.00014	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+1.0W2	Combination		Y	0.000192	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+0.8W1	Combination		X	0.001452	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+0.8W1	Combination		Y	0.001586	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+0.8W2	Combination		X	0.000682	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+0.8W2	Combination		Y	0.000796	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.6W1	Combination		X	0.001716	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.6W1	Combination		Y	0.001834	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.6W2	Combination		X	0.000177	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.6W2	Combination		Y	0.000264	1	0	13.6096	5.55
Story3	ELU 1.2D+1.6W1+1.0L	Combination		X	0.002372	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.6W1+1.0L	Combination		Y	0.002545	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.6W2+1.0L	Combination		X	0.000833	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.6W2+1.0L	Combination		Y	0.000964	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+1.0L	Combination		X	0.00121	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+1.0L	Combination		Y	0.001335	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H	Combination		X	0.000792	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H	Combination		Y	0.000892	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L	Combination		X	0.001105	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L	Combination		Y	0.001225	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.7SX	Combination	Max	X	0.00065	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.7SX	Combination	Max	Y	0.000869	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.7SX	Combination	Min	X	0.000933	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.7SX	Combination	Min	Y	0.000916	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.7SY	Combination	Max	X	0.000771	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.7SY	Combination	Max	Y	0.000364	7	18.3982	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.7SY	Combination	Min	X	0.000812	8	29.9268	13.6096	5.55

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story3	ELS 1.0D+1.0H+0.7SY	Combination	Min	Y	0.001609	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	X	0.000999	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	Y	0.001207	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	X	0.001211	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	Y	0.001243	4	9.1991	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	X	0.00109	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	Y	0.000767	7	18.3982	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	X	0.001121	8	29.9268	13.6096	5.55
Story3	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	Y	0.001762	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+1.0H	Combination		X	0.000475	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+1.0H	Combination		Y	0.000535	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SX	Combination	Max	X	0.000334	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SX	Combination	Max	Y	0.000512	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SX	Combination	Min	X	0.000616	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SX	Combination	Min	Y	0.000559	4	9.1991	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SY	Combination	Max	X	0.000455	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SY	Combination	Max	Y	0.000284	1	0	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SY	Combination	Min	X	0.000495	8	29.9268	13.6096	5.55
Story3	ELS 0.6D+1.0H+0.7SY	Combination	Min	Y	0.001252	4	9.1991	13.6096	5.55
Story3	ELU 1.2D+1.6H	Combination		X	0.00095	8	29.9268	13.6096	5.55
Story3	ELU 1.2D+1.6H	Combination		Y	0.001071	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.6H	Combination		X	0.000712	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.6H	Combination		Y	0.000803	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SX	Combination	Max	X	0.000511	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SX	Combination	Max	Y	0.000769	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SX	Combination	Min	X	0.000914	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SX	Combination	Min	Y	0.000837	4	9.1991	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SY	Combination	Max	X	0.000683	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SY	Combination	Max	Y	0.00038	1	0	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SY	Combination	Min	X	0.000742	8	29.9268	13.6096	5.55
Story3	ELU 0.9D+1.6H+1.0SY	Combination	Min	Y	0.001827	4	9.1991	13.6096	5.55
Story3	DStID1	Combination		X	0.000792	8	29.9268	13.6096	5.55
Story3	DStID1	Combination		Y	0.000892	4	9.1991	13.6096	5.55
Story3	DStID2	Combination		X	0.00121	8	29.9268	13.6096	5.55
Story3	DStID2	Combination		Y	0.001335	4	9.1991	13.6096	5.55
Story2	Dead	LinStatic		X	0.000625	13	29.9268	4.8901	4.3
Story2	Dead	LinStatic		Y	0.000248	1	0	13.6096	4.3
Story2	Live	LinStatic		X	0.000288	8	29.9268	13.6096	4.3
Story2	Live	LinStatic		Y	0.000155	1	0	13.6096	4.3
Story2	SX	LinRespSpec	Max	X	0.000586	3	0	0	4.3
Story2	SY	LinRespSpec	Max	X	0.000168	10	18.3982	0	4.3
Story2	SY	LinRespSpec	Max	Y	0.001308	3	0	0	4.3
Story2	SXEST	LinStatic		X	0.002836	5	9.1991	4.8901	4.3
Story2	SYEST	LinStatic		Y	0.004014	3	0	0	4.3
Story2	DS	LinStatic		X	0.000461	8	29.9268	13.6096	4.3
Story2	DS	LinStatic		Y	0.000239	1	0	13.6096	4.3
Story2	W1	LinStatic		X	0.000431	8	29.9268	13.6096	4.3
Story2	W1	LinStatic		Y	0.00021	1	0	13.6096	4.3
Story2	W2	LinStatic		X	0.00023	8	29.9268	13.6096	4.3
Story2	W2	LinStatic		Y	0.000112	1	0	13.6096	4.3
Story2	SX-UMBRAL	LinRespSpec	Max	X	0.000508	3	0	0	4.3
Story2	SY-UMBRAL	LinRespSpec	Max	X	0.000111	10	18.3982	0	4.3
Story2	SY-UMBRAL	LinRespSpec	Max	Y	0.000872	3	0	0	4.3
Story2	SX-UMBRAL-EST	LinStatic		X	0.000484	5	9.1991	4.8901	4.3
Story2	SY-UMBRAL-EST	LinStatic		Y	0.000685	3	0	0	4.3
Story2	ELS 1.0D	Combination		X	0.000811	13	29.9268	4.8901	4.3
Story2	ELS 1.0D	Combination		Y	0.000487	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0L	Combination		X	0.000987	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0L	Combination		Y	0.000642	1	0	13.6096	4.3
Story2	ELS 1.0D+0.75L	Combination		X	0.000943	13	29.9268	4.8901	4.3

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	ELS 1.0D+0.75L	Combination		Y	0.000603	1	0	13.6096	4.3
Story2	ELS 1.0D+0.7SX	Combination	Max	X	0.0006	2	0	4.8901	4.3
Story2	ELS 1.0D+0.7SX	Combination	Max	Y	0.00047	1	0	13.6096	4.3
Story2	ELS 1.0D+0.7SX	Combination	Min	X	0.001166	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.7SX	Combination	Min	Y	0.000504	1	0	13.6096	4.3
Story2	ELS 1.0D+0.7SY	Combination	Max	X	0.000764	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.7SY	Combination	Max	Y	0.000849	2	0	4.8901	4.3
Story2	ELS 1.0D+0.7SY	Combination	Min	X	0.000857	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.7SY	Combination	Min	Y	0.001209	1	0	13.6096	4.3
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max	X	0.000676	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Max	Y	0.00059	1	0	13.6096	4.3
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min	X	0.001209	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.75L+0.525SX	Combination	Min	Y	0.000616	1	0	13.6096	4.3
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max	X	0.000908	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Max	Y	0.000704	2	0	4.8901	4.3
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min	X	0.000977	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.75L+0.525SY	Combination	Min	Y	0.001145	1	0	13.6096	4.3
Story2	ELS 0.6D+0.7SX	Combination	Max	X	0.000488	2	0	4.8901	4.3
Story2	ELS 0.6D+0.7SX	Combination	Max	Y	0.000275	1	0	13.6096	4.3
Story2	ELS 0.6D+0.7SX	Combination	Min	X	0.000841	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+0.7SX	Combination	Min	Y	0.000309	1	0	13.6096	4.3
Story2	ELS 0.6D+0.7SY	Combination	Max	X	0.00044	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+0.7SY	Combination	Max	Y	0.000836	3	0	0	4.3
Story2	ELS 0.6D+0.7SY	Combination	Min	X	0.000533	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+0.7SY	Combination	Min	Y	0.001014	1	0	13.6096	4.3
Story2	ELU 1.4D	Combination		X	0.001135	13	29.9268	4.8901	4.3
Story2	ELU 1.4D	Combination		Y	0.000682	1	0	13.6096	4.3
Story2	ELU 1.2D+1.6L	Combination		X	0.001255	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.6L	Combination		Y	0.000833	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.00092	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.00056	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.001676	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.001074	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.000931	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.001367	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.001778	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	X	0.00092	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	Y	0.00056	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	X	0.001676	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	Y	0.001074	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	X	0.000931	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	X	0.001367	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Y	0.001778	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	X	0.00092	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Y	0.00056	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	X	0.001676	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Y	0.001074	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	X	0.000931	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	X	0.001367	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Y	0.001778	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	X	0.00092	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Y	0.00056	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	X	0.001676	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Y	0.001074	1	0	13.6096	4.3
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	X	0.000931	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.3
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	X	0.001367	13	29.9268	4.8901	4.3

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	Y	0.001778	1	0	13.6096	4.3
Story2	ELU 0.9D	Combination		X	0.00073	13	29.9268	4.8901	4.3
Story2	ELU 0.9D	Combination		Y	0.000438	1	0	13.6096	4.3
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max	X	0.00073	2	0	4.8901	4.3
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Y	0.000476	2	0	4.8901	4.3
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min	X	0.001257	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Y	0.000772	1	0	13.6096	4.3
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Y	0.001197	3	0	0	4.3
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min	X	0.000948	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Y	0.001477	1	0	13.6096	4.3
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max	X	0.00073	2	0	4.8901	4.3
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Y	0.000476	2	0	4.8901	4.3
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min	X	0.001257	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Y	0.000772	1	0	13.6096	4.3
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Y	0.001197	3	0	0	4.3
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min	X	0.000948	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Y	0.001477	1	0	13.6096	4.3
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max	X	0.00073	2	0	4.8901	4.3
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Y	0.000476	2	0	4.8901	4.3
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min	X	0.001257	13	29.9268	4.8901	4.3
Story2	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Y	0.000772	1	0	13.6096	4.3
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Y	0.001197	3	0	0	4.3
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min	X	0.000948	13	29.9268	4.8901	4.3
Story2	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Y	0.001477	1	0	13.6096	4.3
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max	X	0.00073	2	0	4.8901	4.3
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Y	0.000476	2	0	4.8901	4.3
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min	X	0.001257	13	29.9268	4.8901	4.3
Story2	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Y	0.000772	1	0	13.6096	4.3
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Y	0.001197	3	0	0	4.3
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min	X	0.000948	13	29.9268	4.8901	4.3
Story2	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Y	0.001477	1	0	13.6096	4.3
Story2	CIM 1.0D	Combination		X	0.000811	13	29.9268	4.8901	4.3
Story2	CIM 1.0D	Combination		Y	0.000487	1	0	13.6096	4.3
Story2	CIM 1.0D+1.0L	Combination		X	0.000987	13	29.9268	4.8901	4.3
Story2	CIM 1.0D+1.0L	Combination		Y	0.000642	1	0	13.6096	4.3
Story2	CIM 0,6D	Combination		X	0.000486	13	29.9268	4.8901	4.3
Story2	CIM 0,6D	Combination		Y	0.000292	1	0	13.6096	4.3
Story2	CIM 0,6D+0.7SX	Combination	Max	X	0.000488	2	0	4.8901	4.3
Story2	CIM 0,6D+0.7SX	Combination	Max	Y	0.000275	1	0	13.6096	4.3
Story2	CIM 0,6D+0.7SX	Combination	Min	X	0.000841	13	29.9268	4.8901	4.3
Story2	CIM 0,6D+0.7SX	Combination	Min	Y	0.000309	1	0	13.6096	4.3
Story2	CIM 0,6D+0.7SY	Combination	Max	X	0.00044	13	29.9268	4.8901	4.3
Story2	CIM 0,6D+0.7SY	Combination	Max	Y	0.000836	3	0	0	4.3
Story2	CIM 0,6D+0.7SY	Combination	Min	X	0.000533	13	29.9268	4.8901	4.3
Story2	CIM 0,6D+0.7SY	Combination	Min	Y	0.001014	1	0	13.6096	4.3
Story2	CIM 1.0D+0.7SX	Combination	Max	X	0.0006	2	0	4.8901	4.3
Story2	CIM 1.0D+0.7SX	Combination	Max	Y	0.00047	1	0	13.6096	4.3
Story2	CIM 1.0D+0.7SX	Combination	Min	X	0.001166	13	29.9268	4.8901	4.3
Story2	CIM 1.0D+0.7SX	Combination	Min	Y	0.000504	1	0	13.6096	4.3
Story2	CIM 1.0D+0.7SY	Combination	Max	X	0.000764	13	29.9268	4.8901	4.3
Story2	CIM 1.0D+0.7SY	Combination	Max	Y	0.000849	2	0	4.8901	4.3
Story2	CIM 1.0D+0.7SY	Combination	Min	X	0.000857	13	29.9268	4.8901	4.3
Story2	CIM 1.0D+0.7SY	Combination	Min	Y	0.001209	1	0	13.6096	4.3
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max	X	0.000689	13	29.9268	4.8901	4.3
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Max	Y	0.000591	1	0	13.6096	4.3
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min	X	0.001196	13	29.9268	4.8901	4.3
Story2	CIM 1.0D+0.75L+0.5SX	Combination	Min	Y	0.000616	1	0	13.6096	4.3
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max	X	0.00091	13	29.9268	4.8901	4.3
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Max	Y	0.000681	2	0	4.8901	4.3
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min	X	0.000976	13	29.9268	4.8901	4.3

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	CIM 1.0D+0.75L+0.5SY	Combination	Min	Y	0.001119	1	0	13.6096	4.3
Story2	DES 1.0D+1.0SX	Combination	Max	X	0.000737	2	0	4.8901	4.3
Story2	DES 1.0D+1.0SX	Combination	Max	Y	0.000462	1	0	13.6096	4.3
Story2	DES 1.0D+1.0SX	Combination	Min	X	0.001318	13	29.9268	4.8901	4.3
Story2	DES 1.0D+1.0SX	Combination	Min	Y	0.000512	1	0	13.6096	4.3
Story2	DES 1.0D+1.0SY	Combination	Max	X	0.000744	13	29.9268	4.8901	4.3
Story2	DES 1.0D+1.0SY	Combination	Max	Y	0.001175	3	0	0	4.3
Story2	DES 1.0D+1.0SY	Combination	Min	X	0.000877	13	29.9268	4.8901	4.3
Story2	DES 1.0D+1.0SY	Combination	Min	Y	0.001518	1	0	13.6096	4.3
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max	X	0.000703	2	0	4.8901	4.3
Story2	DES 1.0D+0.75L+0.75SX	Combination	Max	Y	0.000585	1	0	13.6096	4.3
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min	X	0.001323	13	29.9268	4.8901	4.3
Story2	DES 1.0D+0.75L+0.75SX	Combination	Min	Y	0.000622	1	0	13.6096	4.3
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max	X	0.000893	13	29.9268	4.8901	4.3
Story2	DES 1.0D+0.75L+0.75SY	Combination	Max	Y	0.000915	2	0	4.8901	4.3
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min	X	0.000992	13	29.9268	4.8901	4.3
Story2	DES 1.0D+0.75L+0.75SY	Combination	Min	Y	0.001377	1	0	13.6096	4.3
Story2	DES 0.6D+1.0SX	Combination	Max	X	0.000625	2	0	4.8901	4.3
Story2	DES 0.6D+1.0SX	Combination	Max	Y	0.000267	1	0	13.6096	4.3
Story2	DES 0.6D+1.0SX	Combination	Min	X	0.000994	13	29.9268	4.8901	4.3
Story2	DES 0.6D+1.0SX	Combination	Min	Y	0.000317	1	0	13.6096	4.3
Story2	DES 0.6D+1.0SY	Combination	Max	X	0.00042	13	29.9268	4.8901	4.3
Story2	DES 0.6D+1.0SY	Combination	Max	Y	0.001228	3	0	0	4.3
Story2	DES 0.6D+1.0SY	Combination	Min	X	0.000552	13	29.9268	4.8901	4.3
Story2	DES 0.6D+1.0SY	Combination	Min	Y	0.001388	3	0	0	4.3
Story2	ELS 1.0D+1.0W1	Combination		X	0.000969	8	29.9268	13.6096	4.3
Story2	ELS 1.0D+1.0W1	Combination		Y	0.000697	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0W2	Combination		X	0.000798	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0W2	Combination		Y	0.000375	1	0	13.6096	4.3
Story2	ELS 1.0D+0.75W1+0.75L	Combination		X	0.001078	8	29.9268	13.6096	4.3
Story2	ELS 1.0D+0.75W1+0.75L	Combination		Y	0.000761	1	0	13.6096	4.3
Story2	ELS 1.0D+0.75W2+0.75L	Combination		X	0.000934	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+0.75W2+0.75L	Combination		Y	0.000519	1	0	13.6096	4.3
Story2	ELS 0.6D+1.0W1	Combination		X	0.000754	8	29.9268	13.6096	4.3
Story2	ELS 0.6D+1.0W1	Combination		Y	0.000502	1	0	13.6096	4.3
Story2	ELS 0.6D+1.0W2	Combination		X	0.000474	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+1.0W2	Combination		Y	0.00018	1	0	13.6096	4.3
Story2	ELU 1.2D+0.8W1	Combination		X	0.000991	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+0.8W1	Combination		Y	0.000752	1	0	13.6096	4.3
Story2	ELU 1.2D+0.8W2	Combination		X	0.000963	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+0.8W2	Combination		Y	0.000495	1	0	13.6096	4.3
Story2	ELU 0.9D+1.6W1	Combination		X	0.001174	8	29.9268	13.6096	4.3
Story2	ELU 0.9D+1.6W1	Combination		Y	0.000775	1	0	13.6096	4.3
Story2	ELU 0.9D+1.6W2	Combination		X	0.00071	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.6W2	Combination		Y	0.000259	1	0	13.6096	4.3
Story2	ELU 1.2D+1.6W1+1.0L	Combination		X	0.001624	8	29.9268	13.6096	4.3
Story2	ELU 1.2D+1.6W1+1.0L	Combination		Y	0.001076	1	0	13.6096	4.3
Story2	ELU 1.2D+1.6W2+1.0L	Combination		X	0.001129	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.6W2+1.0L	Combination		Y	0.00056	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+1.0L	Combination		X	0.000987	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+1.0L	Combination		Y	0.000642	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H	Combination		X	0.000811	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H	Combination		Y	0.000487	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+0.75L	Combination		X	0.000943	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.75L	Combination		Y	0.000603	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Max	X	0.0006	2	0	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Max	Y	0.00047	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Min	X	0.001166	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.7SX	Combination	Min	Y	0.000504	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Max	X	0.000764	13	29.9268	4.8901	4.3

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Max	Y	0.000849	2	0	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Min	X	0.000857	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.7SY	Combination	Min	Y	0.001209	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	X	0.000676	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	Y	0.00059	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	X	0.001209	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	Y	0.000616	1	0	13.6096	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	X	0.000908	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	Y	0.000704	2	0	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	X	0.000977	13	29.9268	4.8901	4.3
Story2	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	Y	0.001145	1	0	13.6096	4.3
Story2	ELS 0.6D+1.0H	Combination		X	0.000486	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+1.0H	Combination		Y	0.000292	1	0	13.6096	4.3
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Max	X	0.000488	2	0	4.8901	4.3
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Max	Y	0.000275	1	0	13.6096	4.3
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Min	X	0.000841	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+1.0H+0.7SX	Combination	Min	Y	0.000309	1	0	13.6096	4.3
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Max	X	0.00044	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Max	Y	0.000836	3	0	0	4.3
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Min	X	0.000533	13	29.9268	4.8901	4.3
Story2	ELS 0.6D+1.0H+0.7SY	Combination	Min	Y	0.001014	1	0	13.6096	4.3
Story2	ELU 1.2D+1.6H	Combination		X	0.000973	13	29.9268	4.8901	4.3
Story2	ELU 1.2D+1.6H	Combination		Y	0.000584	1	0	13.6096	4.3
Story2	ELU 0.9D+1.6H	Combination		X	0.00073	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.6H	Combination		Y	0.000438	1	0	13.6096	4.3
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Max	X	0.000709	2	0	4.8901	4.3
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Max	Y	0.000413	1	0	13.6096	4.3
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Min	X	0.001237	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.6H+1.0SX	Combination	Min	Y	0.000463	1	0	13.6096	4.3
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Max	X	0.000663	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Max	Y	0.001188	3	0	0	4.3
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Min	X	0.000796	13	29.9268	4.8901	4.3
Story2	ELU 0.9D+1.6H+1.0SY	Combination	Min	Y	0.001469	1	0	13.6096	4.3
Story2	DStID1	Combination		X	0.000811	13	29.9268	4.8901	4.3
Story2	DStID1	Combination		Y	0.000487	1	0	13.6096	4.3
Story2	DStID2	Combination		X	0.000987	13	29.9268	4.8901	4.3
Story2	DStID2	Combination		Y	0.000642	1	0	13.6096	4.3
Story1	Dead	LinStatic		X	7.1E-05	2	0	4.8901	4.05
Story1	Dead	LinStatic		Y	7.7E-05	2	0	4.8901	4.05
Story1	Live	LinStatic		X	9.6E-05	8	29.9268	13.6096	4.05
Story1	Live	LinStatic		Y	5.3E-05	2	0	4.8901	4.05
Story1	SX	LinRespSpec	Max	X	0.000591	2	0	4.8901	4.05
Story1	SY	LinRespSpec	Max	Y	0.001329	2	0	4.8901	4.05
Story1	SXEST	LinStatic		X	0.002876	2	0	4.8901	4.05
Story1	SYEST	LinStatic		Y	0.004075	2	0	4.8901	4.05
Story1	DS	LinStatic		X	0.000155	8	29.9268	13.6096	4.05
Story1	DS	LinStatic		Y	7.5E-05	2	0	4.8901	4.05
Story1	W1	LinStatic		X	0.000146	8	29.9268	13.6096	4.05
Story1	W1	LinStatic		Y	5.5E-05	2	0	4.8901	4.05
Story1	W2	LinStatic		X	7.8E-05	8	29.9268	13.6096	4.05
Story1	W2	LinStatic		Y	2.9E-05	2	0	4.8901	4.05
Story1	SX-UMBRAL	LinRespSpec	Max	X	0.000513	2	0	4.8901	4.05
Story1	SY-UMBRAL	LinRespSpec	Max	Y	0.000886	2	0	4.8901	4.05
Story1	SX-UMBRAL-EST	LinStatic		X	0.000491	2	0	4.8901	4.05
Story1	SY-UMBRAL-EST	LinStatic		Y	0.000695	2	0	4.8901	4.05
Story1	ELS 1.0D	Combination		X	0.000192	8	29.9268	13.6096	4.05
Story1	ELS 1.0D	Combination		Y	0.000152	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0L	Combination		X	0.000288	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0L	Combination		Y	0.000206	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75L	Combination		X	0.000264	8	29.9268	13.6096	4.05

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	ELS 1.0D+0.75L	Combination		Y	0.000192	2	0	4.8901	4.05
Story1	ELS 1.0D+0.7SX	Combination	Max	X	0.000512	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+0.7SX	Combination	Max	Y	0.000131	2	0	4.8901	4.05
Story1	ELS 1.0D+0.7SX	Combination	Min	X	0.000511	2	0	4.8901	4.05
Story1	ELS 1.0D+0.7SX	Combination	Min	Y	0.000173	2	0	4.8901	4.05
Story1	ELS 1.0D+0.7SY	Combination	Max	X	0.000252	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+0.7SY	Combination	Max	Y	0.000778	2	0	4.8901	4.05
Story1	ELS 1.0D+0.7SY	Combination	Min	Y	0.001083	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max	X	0.000504	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max	Y	0.000177	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Min	X	0.000426	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Min	Y	0.000208	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max	X	0.000309	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max	Y	0.000505	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Min	Y	0.00089	2	0	4.8901	4.05
Story1	ELS 0.6D+0.7SX	Combination	Max	X	0.000435	8	29.9268	13.6096	4.05
Story1	ELS 0.6D+0.7SX	Combination	Min	X	0.000472	2	0	4.8901	4.05
Story1	ELS 0.6D+0.7SX	Combination	Min	Y	0.000112	2	0	4.8901	4.05
Story1	ELS 0.6D+0.7SY	Combination	Max	X	0.000175	8	29.9268	13.6096	4.05
Story1	ELS 0.6D+0.7SY	Combination	Max	Y	0.000839	2	0	4.8901	4.05
Story1	ELS 0.6D+0.7SY	Combination	Min	Y	0.001022	2	0	4.8901	4.05
Story1	ELU 1.4D	Combination		X	0.000269	8	29.9268	13.6096	4.05
Story1	ELU 1.4D	Combination		Y	0.000213	2	0	4.8901	4.05
Story1	ELU 1.2D+1.6L	Combination		X	0.000384	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.6L	Combination		Y	0.000268	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	X	0.000809	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	Y	0.000229	13	29.9268	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	X	0.000754	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	Y	0.000665	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	X	0.000549	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	Y	0.001102	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	X	0.000393	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	Y	0.001574	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	X	0.000809	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	Y	0.000229	13	29.9268	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	X	0.000754	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	Y	0.000665	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	X	0.000549	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	Y	0.001102	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	X	0.000393	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	Y	0.001574	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	X	0.000809	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Y	0.000229	13	29.9268	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	X	0.000754	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Y	0.000665	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	X	0.000549	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	Y	0.001102	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	X	0.000393	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	Y	0.001574	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	X	0.000809	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	Y	0.000229	13	29.9268	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	X	0.000754	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	Y	0.000665	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	X	0.000549	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	Y	0.001102	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	X	0.000393	2	0	4.8901	4.05
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	Y	0.001574	2	0	4.8901	4.05
Story1	ELU 0.9D	Combination		X	0.000173	8	29.9268	13.6096	4.05
Story1	ELU 0.9D	Combination		Y	0.000137	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max	X	0.000656	8	29.9268	13.6096	4.05

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max	Y	0.000291	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min	X	0.000701	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min	Y	0.000566	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max	X	0.000396	8	29.9268	13.6096	4.05
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min	X	0.000339	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min	Y	0.001475	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max	X	0.000656	8	29.9268	13.6096	4.05
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max	Y	0.000291	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min	X	0.000701	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min	Y	0.000566	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max	X	0.000396	8	29.9268	13.6096	4.05
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min	X	0.000339	2	0	4.8901	4.05
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min	Y	0.001475	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max	X	0.000656	8	29.9268	13.6096	4.05
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max	Y	0.000291	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min	X	0.000701	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min	Y	0.000566	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max	X	0.000396	8	29.9268	13.6096	4.05
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min	X	0.000339	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min	Y	0.001475	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max	X	0.000656	8	29.9268	13.6096	4.05
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max	Y	0.000291	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min	X	0.000701	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min	Y	0.000566	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max	X	0.000396	8	29.9268	13.6096	4.05
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max	Y	0.001201	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min	X	0.000339	2	0	4.8901	4.05
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min	Y	0.001475	2	0	4.8901	4.05
Story1	CIM 1.0D	Combination		X	0.000192	8	29.9268	13.6096	4.05
Story1	CIM 1.0D	Combination		Y	0.000152	2	0	4.8901	4.05
Story1	CIM 1.0D+1.0L	Combination		X	0.000288	8	29.9268	13.6096	4.05
Story1	CIM 1.0D+1.0L	Combination		Y	0.000206	2	0	4.8901	4.05
Story1	CIM 0,6D	Combination		X	0.000115	8	29.9268	13.6096	4.05
Story1	CIM 0,6D	Combination		Y	9.1E-05	2	0	4.8901	4.05
Story1	CIM 0,6D+0.7SX	Combination	Max	X	0.000435	8	29.9268	13.6096	4.05
Story1	CIM 0,6D+0.7SX	Combination	Min	X	0.000472	2	0	4.8901	4.05
Story1	CIM 0,6D+0.7SX	Combination	Min	Y	0.000112	2	0	4.8901	4.05
Story1	CIM 0,6D+0.7SY	Combination	Max	X	0.000175	8	29.9268	13.6096	4.05
Story1	CIM 0,6D+0.7SY	Combination	Max	Y	0.000839	2	0	4.8901	4.05
Story1	CIM 0,6D+0.7SY	Combination	Min	Y	0.001022	2	0	4.8901	4.05
Story1	CIM 1.0D+0.7SX	Combination	Max	X	0.000512	8	29.9268	13.6096	4.05
Story1	CIM 1.0D+0.7SX	Combination	Max	Y	0.000131	2	0	4.8901	4.05
Story1	CIM 1.0D+0.7SX	Combination	Min	X	0.000511	2	0	4.8901	4.05
Story1	CIM 1.0D+0.7SX	Combination	Min	Y	0.000173	2	0	4.8901	4.05
Story1	CIM 1.0D+0.7SY	Combination	Max	X	0.000252	8	29.9268	13.6096	4.05
Story1	CIM 1.0D+0.7SY	Combination	Max	Y	0.000778	2	0	4.8901	4.05
Story1	CIM 1.0D+0.7SY	Combination	Min	Y	0.001083	2	0	4.8901	4.05
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max	X	0.000493	8	29.9268	13.6096	4.05
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max	Y	0.000177	2	0	4.8901	4.05
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Min	X	0.000411	2	0	4.8901	4.05
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Min	Y	0.000207	2	0	4.8901	4.05
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max	X	0.000307	8	29.9268	13.6096	4.05
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max	Y	0.000472	2	0	4.8901	4.05
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Min	Y	0.000857	2	0	4.8901	4.05
Story1	DES 1.0D+1.0SX	Combination	Max	X	0.000649	8	29.9268	13.6096	4.05
Story1	DES 1.0D+1.0SX	Combination	Min	X	0.000688	2	0	4.8901	4.05
Story1	DES 1.0D+1.0SX	Combination	Min	Y	0.000182	2	0	4.8901	4.05

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	DES 1.0D+1.0SY	Combination	Max	X	0.000278	8	29.9268	13.6096	4.05
Story1	DES 1.0D+1.0SY	Combination	Max	Y	0.001177	2	0	4.8901	4.05
Story1	DES 1.0D+1.0SY	Combination	Min	Y	0.001481	2	0	4.8901	4.05
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max	X	0.000607	8	29.9268	13.6096	4.05
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max	Y	0.00017	2	0	4.8901	4.05
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min	X	0.000558	2	0	4.8901	4.05
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min	Y	0.000215	2	0	4.8901	4.05
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max	X	0.000328	8	29.9268	13.6096	4.05
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max	Y	0.000804	2	0	4.8901	4.05
Story1	DES 1.0D+0.75L+0.75SY	Combination	Min	Y	0.001189	2	0	4.8901	4.05
Story1	DES 0.6D+1.0SX	Combination	Max	X	0.000572	8	29.9268	13.6096	4.05
Story1	DES 0.6D+1.0SX	Combination	Min	X	0.000649	2	0	4.8901	4.05
Story1	DES 0.6D+1.0SX	Combination	Min	Y	0.000121	2	0	4.8901	4.05
Story1	DES 0.6D+1.0SY	Combination	Max	X	0.000201	8	29.9268	13.6096	4.05
Story1	DES 0.6D+1.0SY	Combination	Max	Y	0.001238	2	0	4.8901	4.05
Story1	DES 0.6D+1.0SY	Combination	Min	Y	0.00142	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0W1	Combination		X	0.000338	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0W1	Combination		Y	0.000207	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0W2	Combination		X	0.000114	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0W2	Combination		Y	0.000123	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75W1+0.75L	Combination		X	0.000373	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+0.75W1+0.75L	Combination		Y	0.000233	2	0	4.8901	4.05
Story1	ELS 1.0D+0.75W2+0.75L	Combination		X	0.000206	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+0.75W2+0.75L	Combination		Y	0.000171	2	0	4.8901	4.05
Story1	ELS 0.6D+1.0W1	Combination		X	0.000261	8	29.9268	13.6096	4.05
Story1	ELS 0.6D+1.0W1	Combination		Y	0.000146	2	0	4.8901	4.05
Story1	ELS 0.6D+1.0W2	Combination		X	5.6E-05	2	0	4.8901	4.05
Story1	ELS 0.6D+1.0W2	Combination		Y	6.2E-05	2	0	4.8901	4.05
Story1	ELU 1.2D+0.8W1	Combination		X	0.000347	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+0.8W1	Combination		Y	0.000227	2	0	4.8901	4.05
Story1	ELU 1.2D+0.8W2	Combination		X	0.000168	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+0.8W2	Combination		Y	0.000159	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6W1	Combination		X	0.000406	8	29.9268	13.6096	4.05
Story1	ELU 0.9D+1.6W1	Combination		Y	0.000225	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6W2	Combination		X	8.4E-05	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6W2	Combination		Y	9E-05	2	0	4.8901	4.05
Story1	ELU 1.2D+1.6W1+1.0L	Combination		X	0.00056	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.6W1+1.0L	Combination		Y	0.000324	2	0	4.8901	4.05
Story1	ELU 1.2D+1.6W2+1.0L	Combination		X	0.000202	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.6W2+1.0L	Combination		Y	0.00019	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+1.0L	Combination		X	0.000288	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0H+1.0L	Combination		Y	0.000206	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H	Combination		X	0.000192	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0H	Combination		Y	0.000152	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.75L	Combination		X	0.000264	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0H+0.75L	Combination		Y	0.000192	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Max	X	0.000512	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Max	Y	0.000131	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Min	X	0.000511	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Min	Y	0.000173	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Max	X	0.000252	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Max	Y	0.000778	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Min	Y	0.001083	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	X	0.000504	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	Y	0.000177	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	X	0.000426	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	Y	0.000208	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	X	0.000309	8	29.9268	13.6096	4.05
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	Y	0.000505	2	0	4.8901	4.05
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	Y	0.00089	2	0	4.8901	4.05

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story1	ELS 0.6D+1.0H	Combination		X	0.000115	8	29.9268	13.6096	4.05
Story1	ELS 0.6D+1.0H	Combination		Y	9.1E-05	2	0	4.8901	4.05
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Max	X	0.000435	8	29.9268	13.6096	4.05
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Min	X	0.000472	2	0	4.8901	4.05
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Min	Y	0.000112	2	0	4.8901	4.05
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Max	X	0.000175	8	29.9268	13.6096	4.05
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Max	Y	0.000839	2	0	4.8901	4.05
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Min	Y	0.001022	2	0	4.8901	4.05
Story1	ELU 1.2D+1.6H	Combination		X	0.00023	8	29.9268	13.6096	4.05
Story1	ELU 1.2D+1.6H	Combination		Y	0.000183	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6H	Combination		X	0.000173	8	29.9268	13.6096	4.05
Story1	ELU 0.9D+1.6H	Combination		Y	0.000137	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Max	X	0.00063	8	29.9268	13.6096	4.05
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Min	X	0.000678	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Min	Y	0.000167	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Max	X	0.000258	8	29.9268	13.6096	4.05
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Max	Y	0.001192	2	0	4.8901	4.05
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Min	Y	0.001466	2	0	4.8901	4.05
Story1	DStID1	Combination		X	0.000192	8	29.9268	13.6096	4.05
Story1	DStID1	Combination		Y	0.000152	2	0	4.8901	4.05
Story1	DStID2	Combination		X	0.000288	8	29.9268	13.6096	4.05
Story1	DStID2	Combination		Y	0.000206	2	0	4.8901	4.05

Table 3.3 - Story Forces (Part 1 of 2)

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story3	Top	Dead	LinStatic		9.54	0	0	0
Story3	Bottom	Dead	LinStatic		5.01	-3.39	-1.88	6.91
Story3	Top	Live	LinStatic		0	0	0	0
Story3	Bottom	Live	LinStatic		11.83	-0.77	-6.99	-77.35
Story3	Top	SX	LinRespSpec	Max	0	5.6	0.34	77.53
Story3	Bottom	SX	LinRespSpec	Max	0.17	0.39	0.42	8.84
Story3	Top	SY	LinRespSpec	Max	0	0.7	6.49	80.58
Story3	Bottom	SY	LinRespSpec	Max	1.68	0.14	12.06	105.33
Story3	Top	SXEST	LinStatic		0	-30.93	0	420.94
Story3	Bottom	SXEST	LinStatic		0.9	1.78	-0.58	-24.47
Story3	Top	SYEST	LinStatic		0	0	-30.93	-443.49
Story3	Bottom	SYEST	LinStatic		-7.66	0.47	-50.03	-543.7
Story3	Top	DS	LinStatic		0	0	0	0
Story3	Bottom	DS	LinStatic		18.93	-1.2	-11.15	-123.36
Story3	Top	W1	LinStatic		0	0	0	0
Story3	Bottom	W1	LinStatic		17.76	-1.09	-10.42	-115.02
Story3	Top	W2	LinStatic		0	0	0	0
Story3	Bottom	W2	LinStatic		-9.47	0.58	5.56	61.34
Story3	Top	SX-UMBRAL	LinRespSpec	Max	0	4.49	0.26	62.23
Story3	Bottom	SX-UMBRAL	LinRespSpec	Max	0.14	0.33	0.35	7.49
Story3	Top	SY-UMBRAL	LinRespSpec	Max	0	0.45	4.29	51.74
Story3	Bottom	SY-UMBRAL	LinRespSpec	Max	1.11	0.08	8.02	68.96
Story3	Top	SX-UMBRAL-EST	LinStatic		0	-5.28	0	71.84
Story3	Bottom	SX-UMBRAL-EST	LinStatic		0.15	0.3	-0.1	-4.18
Story3	Top	SY-UMBRAL-EST	LinStatic		0	0	-5.28	-75.69
Story3	Bottom	SY-UMBRAL-EST	LinStatic		-1.31	0.08	-8.54	-92.79
Story3	Top	ELS 1.0D	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D	Combination		23.94	-4.59	-13.03	-116.45
Story3	Top	ELS 1.0D+1.0L	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+1.0L	Combination		35.77	-5.36	-20.02	-193.8
Story3	Top	ELS 1.0D+0.75L	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+0.75L	Combination		32.81	-5.17	-18.27	-174.47
Story3	Top	ELS 1.0D+0.75SX	Combination	Max	9.54	3.92	0.24	54.27

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story3	Bottom	ELS 1.0D+0.7SX	Combination	Max	24.06	-4.32	-12.74	-110.26
Story3	Top	ELS 1.0D+0.7SX	Combination	Min	9.54	-3.92	-0.24	-54.27
Story3	Bottom	ELS 1.0D+0.7SX	Combination	Min	23.82	-4.86	-13.33	-122.64
Story3	Top	ELS 1.0D+0.7SY	Combination	Max	9.54	0.49	4.54	56.41
Story3	Bottom	ELS 1.0D+0.7SY	Combination	Max	25.11	-4.49	-4.59	-42.72
Story3	Top	ELS 1.0D+0.7SY	Combination	Min	9.54	-0.49	-4.54	-56.41
Story3	Bottom	ELS 1.0D+0.7SY	Combination	Min	22.77	-4.69	-21.48	-190.18
Story3	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max	9.54	2.94	0.18	40.7
Story3	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max	32.9	-4.96	-18.05	-169.82
Story3	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min	9.54	-2.94	-0.18	-40.7
Story3	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min	32.72	-5.37	-18.49	-179.11
Story3	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max	9.54	0.37	3.41	42.31
Story3	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max	33.69	-5.09	-11.94	-119.17
Story3	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min	9.54	-0.37	-3.41	-42.31
Story3	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min	31.93	-5.24	-24.61	-229.76
Story3	Top	ELS 0.6D+0.7SX	Combination	Max	5.73	3.92	0.24	54.27
Story3	Bottom	ELS 0.6D+0.7SX	Combination	Max	14.48	-2.48	-7.53	-63.68
Story3	Top	ELS 0.6D+0.7SX	Combination	Min	5.73	-3.92	-0.24	-54.27
Story3	Bottom	ELS 0.6D+0.7SX	Combination	Min	14.25	-3.03	-8.11	-76.06
Story3	Top	ELS 0.6D+0.7SY	Combination	Max	5.73	0.49	4.54	56.41
Story3	Bottom	ELS 0.6D+0.7SY	Combination	Max	15.54	-2.65	0.62	3.86
Story3	Top	ELS 0.6D+0.7SY	Combination	Min	5.73	-0.49	-4.54	-56.41
Story3	Bottom	ELS 0.6D+0.7SY	Combination	Min	13.19	-2.86	-16.26	-143.6
Story3	Top	ELU 1.4D	Combination		13.36	0	0	0
Story3	Bottom	ELU 1.4D	Combination		33.52	-6.43	-18.25	-163.03
Story3	Top	ELU 1.2D+1.6L	Combination		11.45	0	0	0
Story3	Bottom	ELU 1.2D+1.6L	Combination		47.65	-6.74	-26.82	-263.51
Story3	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	11.45	5.81	2.29	101.71
Story3	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	41.23	-5.84	-18.59	-176.65
Story3	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	11.45	-5.81	-2.29	-101.71
Story3	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	39.88	-6.71	-26.66	-257.54
Story3	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	11.45	2.38	6.59	103.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	42.28	-6.01	-10.44	-109.11
Story3	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	11.45	-2.38	-6.59	-103.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	38.83	-6.54	-34.81	-325.08
Story3	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	11.45	5.81	2.29	101.71
Story3	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	41.23	-5.84	-18.59	-176.65
Story3	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	11.45	-5.81	-2.29	-101.71
Story3	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	39.88	-6.71	-26.66	-257.54
Story3	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	11.45	2.38	6.59	103.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	42.28	-6.01	-10.44	-109.11
Story3	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	11.45	-2.38	-6.59	-103.84
Story3	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	38.83	-6.54	-34.81	-325.08
Story3	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	11.45	5.81	2.29	101.71
Story3	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	41.23	-5.84	-18.59	-176.65
Story3	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	11.45	-5.81	-2.29	-101.71
Story3	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	39.88	-6.71	-26.66	-257.54
Story3	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	11.45	2.38	6.59	103.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	42.28	-6.01	-10.44	-109.11
Story3	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	11.45	-2.38	-6.59	-103.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	38.83	-6.54	-34.81	-325.08
Story3	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	11.45	5.81	2.29	101.71
Story3	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	41.23	-5.84	-18.59	-176.65
Story3	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	11.45	-5.81	-2.29	-101.71
Story3	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	39.88	-6.71	-26.66	-257.54
Story3	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	11.45	2.38	6.59	103.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	42.28	-6.01	-10.44	-109.11
Story3	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	11.45	-2.38	-6.59	-103.84
Story3	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	38.83	-6.54	-34.81	-325.08
Story3	Top	ELU 0.9D	Combination		8.59	0	0	0

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story3	Bottom	ELU 0.9D	Combination		21.55	-4.13	-11.73	-104.81
Story3	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max	8.59	5.81	2.29	101.71
Story3	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max	22.22	-3.7	-7.69	-64.36
Story3	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min	8.59	-5.81	-2.29	-101.71
Story3	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min	20.87	-4.56	-15.77	-145.25
Story3	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max	8.59	2.38	6.59	103.84
Story3	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max	23.27	-3.87	0.46	3.18
Story3	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min	8.59	-2.38	-6.59	-103.84
Story3	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min	19.82	-4.39	-23.92	-212.79
Story3	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max	8.59	5.81	2.29	101.71
Story3	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max	22.22	-3.7	-7.69	-64.36
Story3	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min	8.59	-5.81	-2.29	-101.71
Story3	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min	20.87	-4.56	-15.77	-145.25
Story3	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max	8.59	2.38	6.59	103.84
Story3	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max	23.27	-3.87	0.46	3.18
Story3	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min	8.59	-2.38	-6.59	-103.84
Story3	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min	19.82	-4.39	-23.92	-212.79
Story3	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max	8.59	5.81	2.29	101.71
Story3	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max	22.22	-3.7	-7.69	-64.36
Story3	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min	8.59	-5.81	-2.29	-101.71
Story3	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min	20.87	-4.56	-15.77	-145.25
Story3	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max	8.59	2.38	6.59	103.84
Story3	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max	23.27	-3.87	0.46	3.18
Story3	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min	8.59	-2.38	-6.59	-103.84
Story3	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min	19.82	-4.39	-23.92	-212.79
Story3	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max	8.59	5.81	2.29	101.71
Story3	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max	22.22	-3.7	-7.69	-64.36
Story3	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min	8.59	-5.81	-2.29	-101.71
Story3	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min	20.87	-4.56	-15.77	-145.25
Story3	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max	8.59	2.38	6.59	103.84
Story3	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max	23.27	-3.87	0.46	3.18
Story3	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min	8.59	-2.38	-6.59	-103.84
Story3	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min	19.82	-4.39	-23.92	-212.79
Story3	Top	CIM 1.0D	Combination		9.54	0	0	0
Story3	Bottom	CIM 1.0D	Combination		23.94	-4.59	-13.03	-116.45
Story3	Top	CIM 1.0D+1.0L	Combination		9.54	0	0	0
Story3	Bottom	CIM 1.0D+1.0L	Combination		35.77	-5.36	-20.02	-193.8
Story3	Top	CIM 0,6D	Combination		5.73	0	0	0
Story3	Bottom	CIM 0,6D	Combination		14.36	-2.75	-7.82	-69.87
Story3	Top	CIM 0,6D+0.7SX	Combination	Max	5.73	3.92	0.24	54.27
Story3	Bottom	CIM 0,6D+0.7SX	Combination	Max	14.48	-2.48	-7.53	-63.68
Story3	Top	CIM 0,6D+0.7SX	Combination	Min	5.73	-3.92	-0.24	-54.27
Story3	Bottom	CIM 0,6D+0.7SX	Combination	Min	14.25	-3.03	-8.11	-76.06
Story3	Top	CIM 0,6D+0.7SY	Combination	Max	5.73	0.49	4.54	56.41
Story3	Bottom	CIM 0,6D+0.7SY	Combination	Max	15.54	-2.65	0.62	3.86
Story3	Top	CIM 0,6D+0.7SY	Combination	Min	5.73	-0.49	-4.54	-56.41
Story3	Bottom	CIM 0,6D+0.7SY	Combination	Min	13.19	-2.86	-16.26	-143.6
Story3	Top	CIM 1.0D+0.7SX	Combination	Max	9.54	3.92	0.24	54.27
Story3	Bottom	CIM 1.0D+0.7SX	Combination	Max	24.06	-4.32	-12.74	-110.26
Story3	Top	CIM 1.0D+0.7SX	Combination	Min	9.54	-3.92	-0.24	-54.27
Story3	Bottom	CIM 1.0D+0.7SX	Combination	Min	23.82	-4.86	-13.33	-122.64
Story3	Top	CIM 1.0D+0.7SY	Combination	Max	9.54	0.49	4.54	56.41
Story3	Bottom	CIM 1.0D+0.7SY	Combination	Max	25.11	-4.49	-4.59	-42.72
Story3	Top	CIM 1.0D+0.7SY	Combination	Min	9.54	-0.49	-4.54	-56.41
Story3	Bottom	CIM 1.0D+0.7SY	Combination	Min	22.77	-4.69	-21.48	-190.18
Story3	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max	9.54	2.8	0.17	38.77
Story3	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max	32.9	-4.97	-18.06	-170.04
Story3	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min	9.54	-2.8	-0.17	-38.77
Story3	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min	32.73	-5.36	-18.48	-178.89
Story3	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max	9.54	0.35	3.24	40.29

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story3	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max	33.65	-5.09	-12.24	-121.8
Story3	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min	9.54	-0.35	-3.24	-40.29
Story3	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min	31.97	-5.24	-24.3	-227.13
Story3	Top	DES 1.0D+1.0SX	Combination	Max	9.54	5.6	0.34	77.53
Story3	Bottom	DES 1.0D+1.0SX	Combination	Max	24.11	-4.2	-12.61	-107.61
Story3	Top	DES 1.0D+1.0SX	Combination	Min	9.54	-5.6	-0.34	-77.53
Story3	Bottom	DES 1.0D+1.0SX	Combination	Min	23.77	-4.98	-13.45	-125.29
Story3	Top	DES 1.0D+1.0SY	Combination	Max	9.54	0.7	6.49	80.58
Story3	Bottom	DES 1.0D+1.0SY	Combination	Max	25.62	-4.45	-0.97	-11.12
Story3	Top	DES 1.0D+1.0SY	Combination	Min	9.54	-0.7	-6.49	-80.58
Story3	Bottom	DES 1.0D+1.0SY	Combination	Min	22.26	-4.74	-25.09	-221.78
Story3	Top	DES 1.0D+0.75L+0.75SX	Combination	Max	9.54	4.2	0.25	58.15
Story3	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max	32.94	-4.87	-17.96	-167.83
Story3	Top	DES 1.0D+0.75L+0.75SX	Combination	Min	9.54	-4.2	-0.25	-58.15
Story3	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min	32.68	-5.46	-18.59	-181.1
Story3	Top	DES 1.0D+0.75L+0.75SY	Combination	Max	9.54	0.52	4.87	60.44
Story3	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max	34.07	-5.06	-9.23	-95.47
Story3	Top	DES 1.0D+0.75L+0.75SY	Combination	Min	9.54	-0.52	-4.87	-60.44
Story3	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min	31.55	-5.28	-27.32	-253.46
Story3	Top	DES 0.6D+1.0SX	Combination	Max	5.73	5.6	0.34	77.53
Story3	Bottom	DES 0.6D+1.0SX	Combination	Max	14.53	-2.37	-7.4	-61.03
Story3	Top	DES 0.6D+1.0SX	Combination	Min	5.73	-5.6	-0.34	-77.53
Story3	Bottom	DES 0.6D+1.0SX	Combination	Min	14.19	-3.14	-8.24	-78.71
Story3	Top	DES 0.6D+1.0SY	Combination	Max	5.73	0.7	6.49	80.58
Story3	Bottom	DES 0.6D+1.0SY	Combination	Max	16.04	-2.61	4.24	35.46
Story3	Top	DES 0.6D+1.0SY	Combination	Min	5.73	-0.7	-6.49	-80.58
Story3	Bottom	DES 0.6D+1.0SY	Combination	Min	12.69	-2.9	-19.88	-175.2
Story3	Top	ELS 1.0D+1.0W1	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+1.0W1	Combination		41.7	-5.68	-23.45	-231.47
Story3	Top	ELS 1.0D+1.0W2	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+1.0W2	Combination		14.47	-4.01	-7.48	-55.11
Story3	Top	ELS 1.0D+0.75W1+0.75L	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+0.75W1+0.75L	Combination		46.13	-5.98	-26.09	-260.73
Story3	Top	ELS 1.0D+0.75W2+0.75L	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+0.75W2+0.75L	Combination		25.71	-4.73	-14.11	-128.46
Story3	Top	ELS 0.6D+1.0W1	Combination		5.73	0	0	0
Story3	Bottom	ELS 0.6D+1.0W1	Combination		32.12	-3.85	-18.24	-184.89
Story3	Top	ELS 0.6D+1.0W2	Combination		5.73	0	0	0
Story3	Bottom	ELS 0.6D+1.0W2	Combination		4.89	-2.17	-2.26	-8.53
Story3	Top	ELU 1.2D+0.8W1	Combination		11.45	0	0	0
Story3	Bottom	ELU 1.2D+0.8W1	Combination		42.94	-6.38	-23.97	-231.75
Story3	Top	ELU 1.2D+0.8W2	Combination		11.45	0	0	0
Story3	Bottom	ELU 1.2D+0.8W2	Combination		21.15	-5.04	-11.2	-90.67
Story3	Top	ELU 0.9D+1.6W1	Combination		8.59	0	0	0
Story3	Bottom	ELU 0.9D+1.6W1	Combination		49.96	-5.88	-28.4	-288.83
Story3	Top	ELU 0.9D+1.6W2	Combination		8.59	0	0	0
Story3	Bottom	ELU 0.9D+1.6W2	Combination		6.39	-3.2	-2.84	-6.66
Story3	Top	ELU 1.2D+1.6W1+1.0L	Combination		11.45	0	0	0
Story3	Bottom	ELU 1.2D+1.6W1+1.0L	Combination		68.97	-8.02	-39.29	-401.12
Story3	Top	ELU 1.2D+1.6W2+1.0L	Combination		11.45	0	0	0
Story3	Bottom	ELU 1.2D+1.6W2+1.0L	Combination		25.4	-5.35	-13.74	-118.95
Story3	Top	ELS 1.0D+1.0H+1.0L	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+1.0H+1.0L	Combination		35.77	-5.36	-20.02	-193.8
Story3	Top	ELS 1.0D+1.0H	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+1.0H	Combination		23.94	-4.59	-13.03	-116.45
Story3	Top	ELS 1.0D+1.0H+0.75L	Combination		9.54	0	0	0
Story3	Bottom	ELS 1.0D+1.0H+0.75L	Combination		32.81	-5.17	-18.27	-174.47
Story3	Top	ELS 1.0D+1.0H+0.7SX	Combination	Max	9.54	3.92	0.24	54.27
Story3	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Max	24.06	-4.32	-12.74	-110.26
Story3	Top	ELS 1.0D+1.0H+0.7SX	Combination	Min	9.54	-3.92	-0.24	-54.27

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story3	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Min	23.82	-4.86	-13.33	-122.64
Story3	Top	ELS 1.0D+1.0H+0.7SY	Combination	Max	9.54	0.49	4.54	56.41
Story3	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Max	25.11	-4.49	-4.59	-42.72
Story3	Top	ELS 1.0D+1.0H+0.7SY	Combination	Min	9.54	-0.49	-4.54	-56.41
Story3	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Min	22.77	-4.69	-21.48	-190.18
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	9.54	2.94	0.18	40.7
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	32.9	-4.96	-18.05	-169.82
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	9.54	-2.94	-0.18	-40.7
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	32.72	-5.37	-18.49	-179.11
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	9.54	0.37	3.41	42.31
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	33.69	-5.09	-11.94	-119.17
Story3	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	9.54	-0.37	-3.41	-42.31
Story3	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	31.93	-5.24	-24.61	-229.76
Story3	Top	ELS 0.6D+1.0H	Combination		5.73	0	0	0
Story3	Bottom	ELS 0.6D+1.0H	Combination		14.36	-2.75	-7.82	-69.87
Story3	Top	ELS 0.6D+1.0H+0.7SX	Combination	Max	5.73	3.92	0.24	54.27
Story3	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Max	14.48	-2.48	-7.53	-63.68
Story3	Top	ELS 0.6D+1.0H+0.7SX	Combination	Min	5.73	-3.92	-0.24	-54.27
Story3	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Min	14.25	-3.03	-8.11	-76.06
Story3	Top	ELS 0.6D+1.0H+0.7SY	Combination	Max	5.73	0.49	4.54	56.41
Story3	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Max	15.54	-2.65	0.62	3.86
Story3	Top	ELS 0.6D+1.0H+0.7SY	Combination	Min	5.73	-0.49	-4.54	-56.41
Story3	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Min	13.19	-2.86	-16.26	-143.6
Story3	Top	ELU 1.2D+1.6H	Combination		11.45	0	0	0
Story3	Bottom	ELU 1.2D+1.6H	Combination		28.73	-5.51	-15.64	-139.74
Story3	Top	ELU 0.9D+1.6H	Combination		8.59	0	0	0
Story3	Bottom	ELU 0.9D+1.6H	Combination		21.55	-4.13	-11.73	-104.81
Story3	Top	ELU 0.9D+1.6H+1.0SX	Combination	Max	8.59	5.6	0.34	77.53
Story3	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Max	21.72	-3.74	-11.31	-95.96
Story3	Top	ELU 0.9D+1.6H+1.0SX	Combination	Min	8.59	-5.6	-0.34	-77.53
Story3	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Min	21.38	-4.52	-12.15	-113.65
Story3	Top	ELU 0.9D+1.6H+1.0SY	Combination	Max	8.59	0.7	6.49	80.58
Story3	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Max	23.22	-3.99	0.33	0.53
Story3	Top	ELU 0.9D+1.6H+1.0SY	Combination	Min	8.59	-0.7	-6.49	-80.58
Story3	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Min	19.87	-4.28	-23.79	-210.14
Story3	Top	DStID1	Combination		9.54	0	0	0
Story3	Bottom	DStID1	Combination		23.94	-4.59	-13.03	-116.45
Story3	Top	DStID2	Combination		9.54	0	0	0
Story3	Bottom	DStID2	Combination		35.77	-5.36	-20.02	-193.8
Story2	Top	Dead	LinStatic		124.41	-3.37	2.16	46.91
Story2	Bottom	Dead	LinStatic		25.26	-4.18	2.09	35.09
Story2	Top	Live	LinStatic		44.68	-0.64	2.42	29.7
Story2	Bottom	Live	LinStatic		9.37	-0.66	1.08	7.62
Story2	Top	SX	LinRespSpec	Max	0.17	27.13	1.45	64.17
Story2	Bottom	SX	LinRespSpec	Max	0.2	4.9	0.44	26.66
Story2	Top	SY	LinRespSpec	Max	2.28	2.78	36.34	403.06
Story2	Bottom	SY	LinRespSpec	Max	4.01	1.21	13.72	138.65
Story2	Top	SXEST	LinStatic		0.72	-131.03	-1.1	346.42
Story2	Bottom	SXEST	LinStatic		-0.73	-23.22	-0.01	138.34
Story2	Top	SYEST	LinStatic		-10.98	0.37	-153.32	-1938.74
Story2	Bottom	SYEST	LinStatic		18.24	-3.06	-57	-586.27
Story2	Top	DS	LinStatic		48.44	-1	3.83	47
Story2	Bottom	DS	LinStatic		11.24	-1.04	1.63	13.53
Story2	Top	W1	LinStatic		9.39	-0.9	3.53	43.25
Story2	Bottom	W1	LinStatic		4.7	-0.96	1.36	14.78
Story2	Top	W2	LinStatic		-5.01	0.48	-1.88	-23.07
Story2	Bottom	W2	LinStatic		-2.5	0.51	-0.72	-7.88
Story2	Top	SX-UMBRAL	LinRespSpec	Max	0.14	23.55	1.26	55.48
Story2	Bottom	SX-UMBRAL	LinRespSpec	Max	0.17	4.26	0.38	23.06
Story2	Top	SY-UMBRAL	LinRespSpec	Max	1.5	1.85	24.12	260.97

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story2	Bottom	SY-UMBRAL	LinRespSpec	Max	2.64	0.8	9.11	87.76
Story2	Top	SX-UMBRAL-EST	LinStatic		0.12	-22.36	-0.19	59.12
Story2	Bottom	SX-UMBRAL-EST	LinStatic		-0.12	-3.96	-0.001373	23.61
Story2	Top	SY-UMBRAL-EST	LinStatic		-1.87	0.06	-26.17	-330.88
Story2	Bottom	SY-UMBRAL-EST	LinStatic		3.11	-0.52	-9.73	-100.06
Story2	Top	ELS 1.0D	Combination		172.85	-4.36	5.99	93.91
Story2	Bottom	ELS 1.0D	Combination		36.51	-5.22	3.72	48.62
Story2	Top	ELS 1.0D+1.0L	Combination		217.53	-5	8.41	123.61
Story2	Bottom	ELS 1.0D+1.0L	Combination		45.87	-5.88	4.8	56.23
Story2	Top	ELS 1.0D+0.75L	Combination		206.36	-4.84	7.8	116.19
Story2	Bottom	ELS 1.0D+0.75L	Combination		43.53	-5.71	4.53	54.33
Story2	Top	ELS 1.0D+0.7SX	Combination	Max	172.97	14.63	7	138.83
Story2	Bottom	ELS 1.0D+0.7SX	Combination	Max	36.64	-1.79	4.03	67.28
Story2	Top	ELS 1.0D+0.7SX	Combination	Min	172.73	-23.36	4.98	48.99
Story2	Bottom	ELS 1.0D+0.7SX	Combination	Min	36.37	-8.65	3.41	29.96
Story2	Top	ELS 1.0D+0.7SY	Combination	Max	174.44	-2.42	31.43	376.05
Story2	Bottom	ELS 1.0D+0.7SY	Combination	Max	39.31	-4.37	13.32	145.67
Story2	Top	ELS 1.0D+0.7SY	Combination	Min	171.25	-6.31	-19.45	-188.23
Story2	Bottom	ELS 1.0D+0.7SY	Combination	Min	33.7	-6.07	-5.88	-48.44
Story2	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max	206.45	9.4	8.56	149.88
Story2	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max	43.63	-3.14	4.77	68.32
Story2	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min	206.27	-19.09	7.04	82.5
Story2	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min	43.43	-8.29	4.3	40.33
Story2	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max	207.55	-3.38	26.88	327.79
Story2	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max	45.63	-5.08	11.74	127.12
Story2	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min	205.16	-6.3	-11.27	-95.42
Story2	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min	41.42	-6.35	-2.67	-18.46
Story2	Top	ELS 0.6D+0.7SX	Combination	Max	103.83	16.37	4.61	101.27
Story2	Bottom	ELS 0.6D+0.7SX	Combination	Max	22.04	0.3	2.54	47.83
Story2	Top	ELS 0.6D+0.7SX	Combination	Min	103.59	-21.61	2.58	11.43
Story2	Bottom	ELS 0.6D+0.7SX	Combination	Min	21.76	-6.56	1.92	10.51
Story2	Top	ELS 0.6D+0.7SY	Combination	Max	105.3	-0.67	29.03	338.49
Story2	Bottom	ELS 0.6D+0.7SY	Combination	Max	24.71	-2.29	11.84	126.23
Story2	Top	ELS 0.6D+0.7SY	Combination	Min	102.11	-4.56	-21.84	-225.79
Story2	Bottom	ELS 0.6D+0.7SY	Combination	Min	19.1	-3.98	-7.37	-67.89
Story2	Top	ELU 1.4D	Combination		241.98	-6.11	8.38	131.48
Story2	Bottom	ELU 1.4D	Combination		51.11	-7.31	5.21	68.06
Story2	Top	ELU 1.2D+1.6L	Combination		278.9	-6.26	11.06	160.21
Story2	Bottom	ELU 1.2D+1.6L	Combination		58.79	-7.32	6.2	70.52
Story2	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	252.95	22.09	21.95	327.48
Story2	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	54.57	-1.66	10.11	134.21
Story2	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	251.24	-33.84	-2.74	-42.7
Story2	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	51.77	-12.19	0.99	-2.3
Story2	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	254.43	5.04	46.38	564.7
Story2	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	57.24	-4.24	19.4	212.6
Story2	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	249.76	-16.79	-27.17	-279.92
Story2	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	49.1	-9.61	-8.31	-80.69
Story2	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	252.95	22.09	21.95	327.48
Story2	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	54.57	-1.66	10.11	134.21
Story2	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	251.24	-33.84	-2.74	-42.7
Story2	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	51.77	-12.19	0.99	-2.3
Story2	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	254.43	5.04	46.38	564.7
Story2	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	57.24	-4.24	19.4	212.6
Story2	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	249.76	-16.79	-27.17	-279.92
Story2	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	49.1	-9.61	-8.31	-80.69
Story2	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	252.95	22.09	21.95	327.48
Story2	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	54.57	-1.66	10.11	134.21
Story2	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	251.24	-33.84	-2.74	-42.7
Story2	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	51.77	-12.19	0.99	-2.3
Story2	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	254.43	5.04	46.38	564.7

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story2	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	57.24	-4.24	19.4	212.6
Story2	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	249.76	-16.79	-27.17	-279.92
Story2	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	49.1	-9.61	-8.31	-80.69
Story2	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	252.95	22.09	21.95	327.48
Story2	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	54.57	-1.66	10.11	134.21
Story2	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	251.24	-33.84	-2.74	-42.7
Story2	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	51.77	-12.19	0.99	-2.3
Story2	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	254.43	5.04	46.38	564.7
Story2	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	57.24	-4.24	19.4	212.6
Story2	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	249.76	-16.79	-27.17	-279.92
Story2	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	49.1	-9.61	-8.31	-80.69
Story2	Top	ELU 0.9D	Combination		155.56	-3.93	5.39	84.52
Story2	Bottom	ELU 0.9D	Combination		32.85	-4.7	3.35	43.75
Story2	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max	156.42	24.04	17.74	269.61
Story2	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max	34.26	0.57	7.91	112.01
Story2	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min	154.71	-31.89	-6.96	-100.57
Story2	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min	31.45	-9.97	-1.21	-24.5
Story2	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max	157.89	6.99	42.16	506.83
Story2	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max	36.92	-2.02	17.2	190.4
Story2	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min	153.23	-14.84	-31.38	-337.79
Story2	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min	28.79	-7.38	-10.51	-102.89
Story2	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max	156.42	24.04	17.74	269.61
Story2	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max	34.26	0.57	7.91	112.01
Story2	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min	154.71	-31.89	-6.96	-100.57
Story2	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min	31.45	-9.97	-1.21	-24.5
Story2	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max	157.89	6.99	42.16	506.83
Story2	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max	36.92	-2.02	17.2	190.4
Story2	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min	153.23	-14.84	-31.38	-337.79
Story2	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min	28.79	-7.38	-10.51	-102.89
Story2	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max	156.42	24.04	17.74	269.61
Story2	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max	34.26	0.57	7.91	112.01
Story2	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min	154.71	-31.89	-6.96	-100.57
Story2	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min	31.45	-9.97	-1.21	-24.5
Story2	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max	157.89	6.99	42.16	506.83
Story2	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max	36.92	-2.02	17.2	190.4
Story2	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min	153.23	-14.84	-31.38	-337.79
Story2	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min	28.79	-7.38	-10.51	-102.89
Story2	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max	156.42	24.04	17.74	269.61
Story2	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max	34.26	0.57	7.91	112.01
Story2	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min	154.71	-31.89	-6.96	-100.57
Story2	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min	31.45	-9.97	-1.21	-24.5
Story2	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max	157.89	6.99	42.16	506.83
Story2	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max	36.92	-2.02	17.2	190.4
Story2	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min	153.23	-14.84	-31.38	-337.79
Story2	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min	28.79	-7.38	-10.51	-102.89
Story2	Top	CIM 1.0D	Combination		172.85	-4.36	5.99	93.91
Story2	Bottom	CIM 1.0D	Combination		36.51	-5.22	3.72	48.62
Story2	Top	CIM 1.0D+1.0L	Combination		217.53	-5	8.41	123.61
Story2	Bottom	CIM 1.0D+1.0L	Combination		45.87	-5.88	4.8	56.23
Story2	Top	CIM 0,6D	Combination		103.71	-2.62	3.59	56.35
Story2	Bottom	CIM 0,6D	Combination		21.9	-3.13	2.23	29.17
Story2	Top	CIM 0,6D+0.7SX	Combination	Max	103.83	16.37	4.61	101.27
Story2	Bottom	CIM 0,6D+0.7SX	Combination	Max	22.04	0.3	2.54	47.83
Story2	Top	CIM 0,6D+0.7SX	Combination	Min	103.59	-21.61	2.58	11.43
Story2	Bottom	CIM 0,6D+0.7SX	Combination	Min	21.76	-6.56	1.92	10.51
Story2	Top	CIM 0,6D+0.7SY	Combination	Max	105.3	-0.67	29.03	338.49
Story2	Bottom	CIM 0,6D+0.7SY	Combination	Max	24.71	-2.29	11.84	126.23
Story2	Top	CIM 0,6D+0.7SY	Combination	Min	102.11	-4.56	-21.84	-225.79
Story2	Bottom	CIM 0,6D+0.7SY	Combination	Min	19.1	-3.98	-7.37	-67.89
Story2	Top	CIM 1.0D+0.7SX	Combination	Max	172.97	14.63	7	138.83

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story2	Bottom	CIM 1.0D+0.7SX	Combination	Max	36.64	-1.79	4.03	67.28
Story2	Top	CIM 1.0D+0.7SX	Combination	Min	172.73	-23.36	4.98	48.99
Story2	Bottom	CIM 1.0D+0.7SX	Combination	Min	36.37	-8.65	3.41	29.96
Story2	Top	CIM 1.0D+0.7SY	Combination	Max	174.44	-2.42	31.43	376.05
Story2	Bottom	CIM 1.0D+0.7SY	Combination	Max	39.31	-4.37	13.32	145.67
Story2	Top	CIM 1.0D+0.7SY	Combination	Min	171.25	-6.31	-19.45	-188.23
Story2	Bottom	CIM 1.0D+0.7SY	Combination	Min	33.7	-6.07	-5.88	-48.44
Story2	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max	206.44	8.72	8.53	148.27
Story2	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max	43.63	-3.26	4.75	67.66
Story2	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min	206.27	-18.41	7.08	84.1
Story2	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min	43.43	-8.17	4.31	41
Story2	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max	207.5	-3.45	25.97	317.72
Story2	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max	45.53	-5.11	11.39	123.65
Story2	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min	205.22	-6.23	-10.37	-85.34
Story2	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min	41.52	-6.32	-2.33	-15
Story2	Top	DES 1.0D+1.0SX	Combination	Max	173.02	22.77	7.44	158.09
Story2	Bottom	DES 1.0D+1.0SX	Combination	Max	36.7	-0.32	4.16	75.27
Story2	Top	DES 1.0D+1.0SX	Combination	Min	172.67	-31.5	4.54	29.74
Story2	Bottom	DES 1.0D+1.0SX	Combination	Min	36.31	-10.12	3.28	21.96
Story2	Top	DES 1.0D+1.0SY	Combination	Max	175.13	-1.59	42.33	496.97
Story2	Bottom	DES 1.0D+1.0SY	Combination	Max	40.51	-4.01	17.44	187.27
Story2	Top	DES 1.0D+1.0SY	Combination	Min	170.57	-7.14	-30.35	-309.15
Story2	Bottom	DES 1.0D+1.0SY	Combination	Min	32.5	-6.43	-10	-90.04
Story2	Top	DES 1.0D+0.75L+0.75SX	Combination	Max	206.48	15.51	8.89	164.32
Story2	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max	43.68	-2.04	4.86	74.32
Story2	Top	DES 1.0D+0.75L+0.75SX	Combination	Min	206.23	-25.19	6.72	68.06
Story2	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min	43.38	-9.39	4.2	34.34
Story2	Top	DES 1.0D+0.75L+0.75SY	Combination	Max	208.07	-2.76	35.06	418.48
Story2	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max	46.54	-4.81	14.82	158.32
Story2	Top	DES 1.0D+0.75L+0.75SY	Combination	Min	204.65	-6.93	-19.45	-186.11
Story2	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min	40.52	-6.62	-5.76	-49.66
Story2	Top	DES 0.6D+1.0SX	Combination	Max	103.88	24.51	5.04	120.52
Story2	Bottom	DES 0.6D+1.0SX	Combination	Max	22.1	1.77	2.67	55.83
Story2	Top	DES 0.6D+1.0SX	Combination	Min	103.54	-29.75	2.15	-7.83
Story2	Bottom	DES 0.6D+1.0SX	Combination	Min	21.71	-8.04	1.79	2.51
Story2	Top	DES 0.6D+1.0SY	Combination	Max	105.99	0.16	39.93	459.41
Story2	Bottom	DES 0.6D+1.0SY	Combination	Max	25.91	-1.92	15.95	167.82
Story2	Top	DES 0.6D+1.0SY	Combination	Min	101.43	-5.4	-32.74	-346.71
Story2	Bottom	DES 0.6D+1.0SY	Combination	Min	17.89	-4.35	-11.49	-109.48
Story2	Top	ELS 1.0D+1.0W1	Combination		182.24	-5.26	9.51	137.16
Story2	Bottom	ELS 1.0D+1.0W1	Combination		41.2	-6.19	5.08	63.39
Story2	Top	ELS 1.0D+1.0W2	Combination		167.84	-3.89	4.11	70.85
Story2	Bottom	ELS 1.0D+1.0W2	Combination		34	-4.71	3	40.74
Story2	Top	ELS 1.0D+0.75W1+0.75L	Combination		213.4	-5.52	10.45	148.62
Story2	Bottom	ELS 1.0D+0.75W1+0.75L	Combination		47.05	-6.44	5.55	65.41
Story2	Top	ELS 1.0D+0.75W2+0.75L	Combination		202.6	-4.48	6.39	98.89
Story2	Bottom	ELS 1.0D+0.75W2+0.75L	Combination		41.65	-5.33	3.99	48.42
Story2	Top	ELS 0.6D+1.0W1	Combination		113.1	-3.51	7.12	99.59
Story2	Bottom	ELS 0.6D+1.0W1	Combination		26.6	-4.1	3.59	43.95
Story2	Top	ELS 0.6D+1.0W2	Combination		98.7	-2.14	1.71	33.28
Story2	Bottom	ELS 0.6D+1.0W2	Combination		19.4	-2.62	1.51	21.29
Story2	Top	ELU 1.2D+0.8W1	Combination		214.93	-5.95	10.01	147.29
Story2	Bottom	ELU 1.2D+0.8W1	Combination		47.56	-7.04	5.55	70.16
Story2	Top	ELU 1.2D+0.8W2	Combination		203.41	-4.85	5.68	94.24
Story2	Bottom	ELU 1.2D+0.8W2	Combination		41.8	-5.86	3.89	52.04
Story2	Top	ELU 0.9D+1.6W1	Combination		170.59	-5.36	11.03	153.72
Story2	Bottom	ELU 0.9D+1.6W1	Combination		40.37	-6.24	5.52	67.4
Story2	Top	ELU 0.9D+1.6W2	Combination		147.55	-3.16	2.38	47.62
Story2	Bottom	ELU 0.9D+1.6W2	Combination		28.85	-3.88	2.19	31.15
Story2	Top	ELU 1.2D+1.6W1+1.0L	Combination		267.12	-7.31	15.25	211.59

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story2	Bottom	ELU 1.2D+1.6W1+1.0L	Combination		60.68	-8.47	7.72	89.6
Story2	Top	ELU 1.2D+1.6W2+1.0L	Combination		244.08	-5.11	6.6	105.49
Story2	Bottom	ELU 1.2D+1.6W2+1.0L	Combination		49.16	-6.1	4.39	53.35
Story2	Top	ELS 1.0D+1.0H+1.0L	Combination		217.53	-5	8.41	123.61
Story2	Bottom	ELS 1.0D+1.0H+1.0L	Combination		45.87	-5.88	4.8	56.23
Story2	Top	ELS 1.0D+1.0H	Combination		172.85	-4.36	5.99	93.91
Story2	Bottom	ELS 1.0D+1.0H	Combination		36.51	-5.22	3.72	48.62
Story2	Top	ELS 1.0D+1.0H+0.75L	Combination		206.36	-4.84	7.8	116.19
Story2	Bottom	ELS 1.0D+1.0H+0.75L	Combination		43.53	-5.71	4.53	54.33
Story2	Top	ELS 1.0D+1.0H+0.75SX	Combination	Max	172.97	14.63	7	138.83
Story2	Bottom	ELS 1.0D+1.0H+0.75SX	Combination	Max	36.64	-1.79	4.03	67.28
Story2	Top	ELS 1.0D+1.0H+0.75SX	Combination	Min	172.73	-23.36	4.98	48.99
Story2	Bottom	ELS 1.0D+1.0H+0.75SX	Combination	Min	36.37	-8.65	3.41	29.96
Story2	Top	ELS 1.0D+1.0H+0.75SY	Combination	Max	174.44	-2.42	31.43	376.05
Story2	Bottom	ELS 1.0D+1.0H+0.75SY	Combination	Max	39.31	-4.37	13.32	145.67
Story2	Top	ELS 1.0D+1.0H+0.75SY	Combination	Min	171.25	-6.31	-19.45	-188.23
Story2	Bottom	ELS 1.0D+1.0H+0.75SY	Combination	Min	33.7	-6.07	-5.88	-48.44
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	206.45	9.4	8.56	149.88
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	43.63	-3.14	4.77	68.32
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	206.27	-19.09	7.04	82.5
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	43.43	-8.29	4.3	40.33
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	207.55	-3.38	26.88	327.79
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	45.63	-5.08	11.74	127.12
Story2	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	205.16	-6.3	-11.27	-95.42
Story2	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	41.42	-6.35	-2.67	-18.46
Story2	Top	ELS 0.6D+1.0H	Combination		103.71	-2.62	3.59	56.35
Story2	Bottom	ELS 0.6D+1.0H	Combination		21.9	-3.13	2.23	29.17
Story2	Top	ELS 0.6D+1.0H+0.75SX	Combination	Max	103.83	16.37	4.61	101.27
Story2	Bottom	ELS 0.6D+1.0H+0.75SX	Combination	Max	22.04	0.3	2.54	47.83
Story2	Top	ELS 0.6D+1.0H+0.75SX	Combination	Min	103.59	-21.61	2.58	11.43
Story2	Bottom	ELS 0.6D+1.0H+0.75SX	Combination	Min	21.76	-6.56	1.92	10.51
Story2	Top	ELS 0.6D+1.0H+0.75SY	Combination	Max	105.3	-0.67	29.03	338.49
Story2	Bottom	ELS 0.6D+1.0H+0.75SY	Combination	Max	24.71	-2.29	11.84	126.23
Story2	Top	ELS 0.6D+1.0H+0.75SY	Combination	Min	102.11	-4.56	-21.84	-225.79
Story2	Bottom	ELS 0.6D+1.0H+0.75SY	Combination	Min	19.1	-3.98	-7.37	-67.89
Story2	Top	ELU 1.2D+1.6H	Combination		207.41	-5.24	7.19	112.7
Story2	Bottom	ELU 1.2D+1.6H	Combination		43.81	-6.27	4.46	58.34
Story2	Top	ELU 0.9D+1.6H	Combination		155.56	-3.93	5.39	84.52
Story2	Bottom	ELU 0.9D+1.6H	Combination		32.85	-4.7	3.35	43.75
Story2	Top	ELU 0.9D+1.6H+1.0SX	Combination	Max	155.73	23.2	6.84	148.69
Story2	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Max	33.05	0.2	3.79	70.41
Story2	Top	ELU 0.9D+1.6H+1.0SX	Combination	Min	155.39	-31.06	3.94	20.35
Story2	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Min	32.66	-9.6	2.91	17.1
Story2	Top	ELU 0.9D+1.6H+1.0SY	Combination	Max	157.84	-1.15	41.73	487.58
Story2	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Max	36.86	-3.49	17.07	182.41
Story2	Top	ELU 0.9D+1.6H+1.0SY	Combination	Min	153.28	-6.7	-30.95	-318.54
Story2	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Min	28.85	-5.91	-10.37	-94.9
Story2	Top	DStId1	Combination		172.85	-4.36	5.99	93.91
Story2	Bottom	DStId1	Combination		36.51	-5.22	3.72	48.62
Story2	Top	DStId2	Combination		217.53	-5	8.41	123.61
Story2	Bottom	DStId2	Combination		45.87	-5.88	4.8	56.23
Story1	Top	Dead	LinStatic		69.07	-0.81	-0.07	-11.82
Story1	Bottom	Dead	LinStatic		86.87	-0.81	-0.07	-11.82
Story1	Top	Live	LinStatic		20.65	-0.02	-1.34	-22.08
Story1	Bottom	Live	LinStatic		20.65	-0.02	-1.34	-22.08
Story1	Top	SX	LinRespSpec	Max	0.32	12.98	0.97	152.03
Story1	Bottom	SX	LinRespSpec	Max	0.32	12.98	0.97	152.03
Story1	Top	SY	LinRespSpec	Max	6.29	2.32	21.94	256.6
Story1	Bottom	SY	LinRespSpec	Max	6.29	2.32	21.94	256.6
Story1	Top	SXEST	LinStatic		-1.45	-84.07	1.1	926.01

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story1	Bottom	SXEST	LinStatic		-1.45	-84.07	1.1	926.01
Story1	Top	SYEST	LinStatic		29.22	-3.43	-95.56	-1227.31
Story1	Bottom	SYEST	LinStatic		29.22	-3.43	-95.56	-1227.31
Story1	Top	DS	LinStatic		29.29	-0.04	-2.2	-33.47
Story1	Bottom	DS	LinStatic		29.29	-0.04	-2.2	-33.47
Story1	Top	W1	LinStatic		21.6	-0.07	-2.17	-28.47
Story1	Bottom	W1	LinStatic		21.6	-0.07	-2.17	-28.47
Story1	Top	W2	LinStatic		-11.52	0.04	1.16	15.18
Story1	Bottom	W2	LinStatic		-11.52	0.04	1.16	15.18
Story1	Top	SX-UMBRAL	LinRespSpec	Max	0.27	10.77	0.83	124.17
Story1	Bottom	SX-UMBRAL	LinRespSpec	Max	0.27	10.77	0.83	124.17
Story1	Top	SY-UMBRAL	LinRespSpec	Max	4.14	1.52	14.56	163.95
Story1	Bottom	SY-UMBRAL	LinRespSpec	Max	4.14	1.52	14.56	163.95
Story1	Top	SX-UMBRAL-EST	LinStatic		-0.25	-14.35	0.19	158.04
Story1	Bottom	SX-UMBRAL-EST	LinStatic		-0.25	-14.35	0.19	158.04
Story1	Top	SY-UMBRAL-EST	LinStatic		4.99	-0.59	-16.31	-209.46
Story1	Bottom	SY-UMBRAL-EST	LinStatic		4.99	-0.59	-16.31	-209.46
Story1	Top	ELS 1.0D	Combination		98.36	-0.86	-2.27	-45.3
Story1	Bottom	ELS 1.0D	Combination		116.16	-0.86	-2.27	-45.3
Story1	Top	ELS 1.0D+1.0L	Combination		119.02	-0.88	-3.6	-67.38
Story1	Bottom	ELS 1.0D+1.0L	Combination		136.82	-0.88	-3.6	-67.38
Story1	Top	ELS 1.0D+0.75L	Combination		113.86	-0.87	-3.27	-61.86
Story1	Bottom	ELS 1.0D+0.75L	Combination		131.65	-0.87	-3.27	-61.86
Story1	Top	ELS 1.0D+0.7SX	Combination	Max	98.59	8.23	-1.59	61.12
Story1	Bottom	ELS 1.0D+0.7SX	Combination	Max	116.39	8.23	-1.59	61.12
Story1	Top	ELS 1.0D+0.7SX	Combination	Min	98.14	-9.95	-2.95	-151.71
Story1	Bottom	ELS 1.0D+0.7SX	Combination	Min	115.94	-9.95	-2.95	-151.71
Story1	Top	ELS 1.0D+0.7SY	Combination	Max	102.77	0.76	13.09	134.32
Story1	Bottom	ELS 1.0D+0.7SY	Combination	Max	120.56	0.76	13.09	134.32
Story1	Top	ELS 1.0D+0.7SY	Combination	Min	93.96	-2.48	-17.63	-224.91
Story1	Bottom	ELS 1.0D+0.7SY	Combination	Min	111.76	-2.48	-17.63	-224.91
Story1	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max	114.02	5.94	-2.76	17.95
Story1	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max	131.82	5.94	-2.76	17.95
Story1	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min	113.69	-7.69	-3.78	-141.67
Story1	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min	131.49	-7.69	-3.78	-141.67
Story1	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max	117.16	0.34	8.25	72.85
Story1	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max	134.95	0.34	8.25	72.85
Story1	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min	110.55	-2.09	-14.79	-196.57
Story1	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min	128.35	-2.09	-14.79	-196.57
Story1	Top	ELS 0.6D+0.7SX	Combination	Max	59.24	8.57	-0.68	79.24
Story1	Bottom	ELS 0.6D+0.7SX	Combination	Max	69.92	8.57	-0.68	79.24
Story1	Top	ELS 0.6D+0.7SX	Combination	Min	58.8	-9.6	-2.04	-133.6
Story1	Bottom	ELS 0.6D+0.7SX	Combination	Min	69.48	-9.6	-2.04	-133.6
Story1	Top	ELS 0.6D+0.7SY	Combination	Max	63.42	1.11	14	152.44
Story1	Bottom	ELS 0.6D+0.7SY	Combination	Max	74.1	1.11	14	152.44
Story1	Top	ELS 0.6D+0.7SY	Combination	Min	54.62	-2.14	-16.72	-206.8
Story1	Bottom	ELS 0.6D+0.7SY	Combination	Min	65.3	-2.14	-16.72	-206.8
Story1	Top	ELU 1.4D	Combination		137.71	-1.2	-3.18	-63.41
Story1	Bottom	ELU 1.4D	Combination		162.63	-1.2	-3.18	-63.41
Story1	Top	ELU 1.2D+1.6L	Combination		151.08	-1.06	-4.86	-89.69
Story1	Bottom	ELU 1.2D+1.6L	Combination		172.44	-1.06	-4.86	-89.69
Story1	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	140.9	12.63	3.5	152.57
Story1	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	162.25	12.63	3.5	152.57
Story1	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	136.49	-14.73	-11.61	-305.45
Story1	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min	157.85	-14.73	-11.61	-305.45
Story1	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	145.07	5.16	18.18	225.77
Story1	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max	166.43	5.16	18.18	225.77
Story1	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	132.31	-7.26	-26.29	-378.65
Story1	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min	153.67	-7.26	-26.29	-378.65
Story1	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max	140.9	12.63	3.5	152.57

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story1	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max	162.25	12.63	3.5	152.57
Story1	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	136.49	-14.73	-11.61	-305.45
Story1	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min	157.85	-14.73	-11.61	-305.45
Story1	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	145.07	5.16	18.18	225.77
Story1	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max	166.43	5.16	18.18	225.77
Story1	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	132.31	-7.26	-26.29	-378.65
Story1	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min	153.67	-7.26	-26.29	-378.65
Story1	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	140.9	12.63	3.5	152.57
Story1	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max	162.25	12.63	3.5	152.57
Story1	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	136.49	-14.73	-11.61	-305.45
Story1	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min	157.85	-14.73	-11.61	-305.45
Story1	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	145.07	5.16	18.18	225.77
Story1	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max	166.43	5.16	18.18	225.77
Story1	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	132.31	-7.26	-26.29	-378.65
Story1	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min	153.67	-7.26	-26.29	-378.65
Story1	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	140.9	12.63	3.5	152.57
Story1	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max	162.25	12.63	3.5	152.57
Story1	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	136.49	-14.73	-11.61	-305.45
Story1	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min	157.85	-14.73	-11.61	-305.45
Story1	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	145.07	5.16	18.18	225.77
Story1	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max	166.43	5.16	18.18	225.77
Story1	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	132.31	-7.26	-26.29	-378.65
Story1	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min	153.67	-7.26	-26.29	-378.65
Story1	Top	ELU 0.9D	Combination		88.53	-0.77	-2.04	-40.77
Story1	Bottom	ELU 0.9D	Combination		104.55	-0.77	-2.04	-40.77
Story1	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max	90.73	12.9	5.51	188.24
Story1	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max	106.75	12.9	5.51	188.24
Story1	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min	86.32	-14.45	-9.6	-269.77
Story1	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min	102.34	-14.45	-9.6	-269.77
Story1	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max	94.91	5.44	20.19	261.44
Story1	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max	110.93	5.44	20.19	261.44
Story1	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min	82.15	-6.98	-24.28	-342.97
Story1	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min	98.17	-6.98	-24.28	-342.97
Story1	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max	90.73	12.9	5.51	188.24
Story1	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max	106.75	12.9	5.51	188.24
Story1	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min	86.32	-14.45	-9.6	-269.77
Story1	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min	102.34	-14.45	-9.6	-269.77
Story1	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max	94.91	5.44	20.19	261.44
Story1	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max	110.93	5.44	20.19	261.44
Story1	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min	82.15	-6.98	-24.28	-342.97
Story1	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min	98.17	-6.98	-24.28	-342.97
Story1	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max	90.73	12.9	5.51	188.24
Story1	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max	106.75	12.9	5.51	188.24
Story1	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min	86.32	-14.45	-9.6	-269.77
Story1	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min	102.34	-14.45	-9.6	-269.77
Story1	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max	94.91	5.44	20.19	261.44
Story1	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max	110.93	5.44	20.19	261.44
Story1	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min	82.15	-6.98	-24.28	-342.97
Story1	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min	98.17	-6.98	-24.28	-342.97
Story1	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max	90.73	12.9	5.51	188.24
Story1	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max	106.75	12.9	5.51	188.24
Story1	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min	86.32	-14.45	-9.6	-269.77
Story1	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min	102.34	-14.45	-9.6	-269.77
Story1	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max	94.91	5.44	20.19	261.44
Story1	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max	110.93	5.44	20.19	261.44
Story1	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min	82.15	-6.98	-24.28	-342.97
Story1	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min	98.17	-6.98	-24.28	-342.97
Story1	Top	CIM 1.0D	Combination		98.36	-0.86	-2.27	-45.3
Story1	Bottom	CIM 1.0D	Combination		116.16	-0.86	-2.27	-45.3
Story1	Top	CIM 1.0D+1.0L	Combination		119.02	-0.88	-3.6	-67.38

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story1	Bottom	CIM 1.0D+1.0L	Combination		136.82	-0.88	-3.6	-67.38
Story1	Top	CIM 0,6D	Combination		59.02	-0.52	-1.36	-27.18
Story1	Bottom	CIM 0,6D	Combination		69.7	-0.52	-1.36	-27.18
Story1	Top	CIM 0,6D+0.7SX	Combination	Max	59.24	8.57	-0.68	79.24
Story1	Bottom	CIM 0,6D+0.7SX	Combination	Max	69.92	8.57	-0.68	79.24
Story1	Top	CIM 0,6D+0.7SX	Combination	Min	58.8	-9.6	-2.04	-133.6
Story1	Bottom	CIM 0,6D+0.7SX	Combination	Min	69.48	-9.6	-2.04	-133.6
Story1	Top	CIM 0,6D+0.7SY	Combination	Max	63.42	1.11	14	152.44
Story1	Bottom	CIM 0,6D+0.7SY	Combination	Max	74.1	1.11	14	152.44
Story1	Top	CIM 0,6D+0.7SY	Combination	Min	54.62	-2.14	-16.72	-206.8
Story1	Bottom	CIM 0,6D+0.7SY	Combination	Min	65.3	-2.14	-16.72	-206.8
Story1	Top	CIM 1.0D+0.7SX	Combination	Max	98.59	8.23	-1.59	61.12
Story1	Bottom	CIM 1.0D+0.7SX	Combination	Max	116.39	8.23	-1.59	61.12
Story1	Top	CIM 1.0D+0.7SX	Combination	Min	98.14	-9.95	-2.95	-151.71
Story1	Bottom	CIM 1.0D+0.7SX	Combination	Min	115.94	-9.95	-2.95	-151.71
Story1	Top	CIM 1.0D+0.7SY	Combination	Max	102.77	0.76	13.09	134.32
Story1	Bottom	CIM 1.0D+0.7SY	Combination	Max	120.56	0.76	13.09	134.32
Story1	Top	CIM 1.0D+0.7SY	Combination	Min	93.96	-2.48	-17.63	-224.91
Story1	Bottom	CIM 1.0D+0.7SY	Combination	Min	111.76	-2.48	-17.63	-224.91
Story1	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max	114.01	5.62	-2.79	14.15
Story1	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max	131.81	5.62	-2.79	14.15
Story1	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min	113.7	-7.36	-3.76	-137.87
Story1	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min	131.49	-7.36	-3.76	-137.87
Story1	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max	117	0.29	7.7	66.44
Story1	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max	134.8	0.29	7.7	66.44
Story1	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min	110.71	-2.03	-14.24	-190.16
Story1	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min	128.51	-2.03	-14.24	-190.16
Story1	Top	DES 1.0D+1.0SX	Combination	Max	98.68	12.12	-1.3	106.73
Story1	Bottom	DES 1.0D+1.0SX	Combination	Max	116.48	12.12	-1.3	106.73
Story1	Top	DES 1.0D+1.0SX	Combination	Min	98.05	-13.84	-3.24	-197.32
Story1	Bottom	DES 1.0D+1.0SX	Combination	Min	115.84	-13.84	-3.24	-197.32
Story1	Top	DES 1.0D+1.0SY	Combination	Max	104.65	1.46	19.68	211.3
Story1	Bottom	DES 1.0D+1.0SY	Combination	Max	122.45	1.46	19.68	211.3
Story1	Top	DES 1.0D+1.0SY	Combination	Min	92.08	-3.18	-24.21	-301.89
Story1	Bottom	DES 1.0D+1.0SY	Combination	Min	109.88	-3.18	-24.21	-301.89
Story1	Top	DES 1.0D+0.75L+0.75SX	Combination	Max	114.09	8.87	-2.54	52.16
Story1	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max	131.89	8.87	-2.54	52.16
Story1	Top	DES 1.0D+0.75L+0.75SX	Combination	Min	113.62	-10.61	-4	-175.88
Story1	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min	131.41	-10.61	-4	-175.88
Story1	Top	DES 1.0D+0.75L+0.75SY	Combination	Max	118.57	0.87	13.19	130.59
Story1	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max	136.37	0.87	13.19	130.59
Story1	Top	DES 1.0D+0.75L+0.75SY	Combination	Min	109.14	-2.61	-19.73	-254.31
Story1	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min	126.94	-2.61	-19.73	-254.31
Story1	Top	DES 0.6D+1.0SX	Combination	Max	59.34	12.47	-0.39	124.85
Story1	Bottom	DES 0.6D+1.0SX	Combination	Max	70.02	12.47	-0.39	124.85
Story1	Top	DES 0.6D+1.0SX	Combination	Min	58.7	-13.5	-2.33	-179.2
Story1	Bottom	DES 0.6D+1.0SX	Combination	Min	69.38	-13.5	-2.33	-179.2
Story1	Top	DES 0.6D+1.0SY	Combination	Max	65.31	1.8	20.58	229.42
Story1	Bottom	DES 0.6D+1.0SY	Combination	Max	75.98	1.8	20.58	229.42
Story1	Top	DES 0.6D+1.0SY	Combination	Min	52.73	-2.83	-23.31	-283.78
Story1	Bottom	DES 0.6D+1.0SY	Combination	Min	63.41	-2.83	-23.31	-283.78
Story1	Top	ELS 1.0D+1.0W1	Combination		119.96	-0.93	-4.44	-73.77
Story1	Bottom	ELS 1.0D+1.0W1	Combination		137.76	-0.93	-4.44	-73.77
Story1	Top	ELS 1.0D+1.0W2	Combination		86.85	-0.82	-1.11	-30.11
Story1	Bottom	ELS 1.0D+1.0W2	Combination		104.64	-0.82	-1.11	-30.11
Story1	Top	ELS 1.0D+0.75W1+0.75L	Combination		130.05	-0.92	-4.9	-83.21
Story1	Bottom	ELS 1.0D+0.75W1+0.75L	Combination		147.85	-0.92	-4.9	-83.21
Story1	Top	ELS 1.0D+0.75W2+0.75L	Combination		105.22	-0.84	-2.4	-50.47
Story1	Bottom	ELS 1.0D+0.75W2+0.75L	Combination		123.01	-0.84	-2.4	-50.47
Story1	Top	ELS 0.6D+1.0W1	Combination		80.62	-0.58	-3.53	-55.65

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story1	Bottom	ELS 0.6D+1.0W1	Combination		91.3	-0.58	-3.53	-55.65
Story1	Top	ELS 0.6D+1.0W2	Combination		47.5	-0.48	-0.2	-11.99
Story1	Bottom	ELS 0.6D+1.0W2	Combination		58.18	-0.48	-0.2	-11.99
Story1	Top	ELU 1.2D+0.8W1	Combination		135.32	-1.08	-4.46	-77.13
Story1	Bottom	ELU 1.2D+0.8W1	Combination		156.67	-1.08	-4.46	-77.13
Story1	Top	ELU 1.2D+0.8W2	Combination		108.82	-1	-1.8	-42.21
Story1	Bottom	ELU 1.2D+0.8W2	Combination		130.18	-1	-1.8	-42.21
Story1	Top	ELU 0.9D+1.6W1	Combination		123.08	-0.88	-5.51	-86.32
Story1	Bottom	ELU 0.9D+1.6W1	Combination		139.1	-0.88	-5.51	-86.32
Story1	Top	ELU 0.9D+1.6W2	Combination		70.1	-0.72	-0.19	-16.47
Story1	Bottom	ELU 0.9D+1.6W2	Combination		86.12	-0.72	-0.19	-16.47
Story1	Top	ELU 1.2D+1.6W1+1.0L	Combination		173.25	-1.16	-7.53	-121.99
Story1	Bottom	ELU 1.2D+1.6W1+1.0L	Combination		194.61	-1.16	-7.53	-121.99
Story1	Top	ELU 1.2D+1.6W2+1.0L	Combination		120.26	-0.99	-2.21	-52.14
Story1	Bottom	ELU 1.2D+1.6W2+1.0L	Combination		141.62	-0.99	-2.21	-52.14
Story1	Top	ELS 1.0D+1.0H+1.0L	Combination		119.02	-0.88	-3.6	-67.38
Story1	Bottom	ELS 1.0D+1.0H+1.0L	Combination		136.82	-0.88	-3.6	-67.38
Story1	Top	ELS 1.0D+1.0H	Combination		98.36	-0.86	-2.27	-45.3
Story1	Bottom	ELS 1.0D+1.0H	Combination		116.16	-0.86	-2.27	-45.3
Story1	Top	ELS 1.0D+1.0H+0.75L	Combination		113.86	-0.87	-3.27	-61.86
Story1	Bottom	ELS 1.0D+1.0H+0.75L	Combination		131.65	-0.87	-3.27	-61.86
Story1	Top	ELS 1.0D+1.0H+0.7SX	Combination	Max	98.59	8.23	-1.59	61.12
Story1	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Max	116.39	8.23	-1.59	61.12
Story1	Top	ELS 1.0D+1.0H+0.7SX	Combination	Min	98.14	-9.95	-2.95	-151.71
Story1	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Min	115.94	-9.95	-2.95	-151.71
Story1	Top	ELS 1.0D+1.0H+0.7SY	Combination	Max	102.77	0.76	13.09	134.32
Story1	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Max	120.56	0.76	13.09	134.32
Story1	Top	ELS 1.0D+1.0H+0.7SY	Combination	Min	93.96	-2.48	-17.63	-224.91
Story1	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Min	111.76	-2.48	-17.63	-224.91
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	114.02	5.94	-2.76	17.95
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max	131.82	5.94	-2.76	17.95
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	113.69	-7.69	-3.78	-141.67
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min	131.49	-7.69	-3.78	-141.67
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	117.16	0.34	8.25	72.85
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max	134.95	0.34	8.25	72.85
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	110.55	-2.09	-14.79	-196.57
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min	128.35	-2.09	-14.79	-196.57
Story1	Top	ELS 0.6D+1.0H	Combination		59.02	-0.52	-1.36	-27.18
Story1	Bottom	ELS 0.6D+1.0H	Combination		69.7	-0.52	-1.36	-27.18
Story1	Top	ELS 0.6D+1.0H+0.7SX	Combination	Max	59.24	8.57	-0.68	79.24
Story1	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Max	69.92	8.57	-0.68	79.24
Story1	Top	ELS 0.6D+1.0H+0.7SX	Combination	Min	58.8	-9.6	-2.04	-133.6
Story1	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Min	69.48	-9.6	-2.04	-133.6
Story1	Top	ELS 0.6D+1.0H+0.7SY	Combination	Max	63.42	1.11	14	152.44
Story1	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Max	74.1	1.11	14	152.44
Story1	Top	ELS 0.6D+1.0H+0.7SY	Combination	Min	54.62	-2.14	-16.72	-206.8
Story1	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Min	65.3	-2.14	-16.72	-206.8
Story1	Top	ELU 1.2D+1.6H	Combination		118.04	-1.03	-2.72	-54.36
Story1	Bottom	ELU 1.2D+1.6H	Combination		139.4	-1.03	-2.72	-54.36
Story1	Top	ELU 0.9D+1.6H	Combination		88.53	-0.77	-2.04	-40.77
Story1	Bottom	ELU 0.9D+1.6H	Combination		104.55	-0.77	-2.04	-40.77
Story1	Top	ELU 0.9D+1.6H+1.0SX	Combination	Max	88.85	12.21	-1.07	111.26
Story1	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Max	104.87	12.21	-1.07	111.26
Story1	Top	ELU 0.9D+1.6H+1.0SX	Combination	Min	88.21	-13.76	-3.01	-192.79
Story1	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Min	104.23	-13.76	-3.01	-192.79
Story1	Top	ELU 0.9D+1.6H+1.0SY	Combination	Max	94.81	1.54	19.9	215.83
Story1	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Max	110.83	1.54	19.9	215.83
Story1	Top	ELU 0.9D+1.6H+1.0SY	Combination	Min	82.24	-3.09	-23.99	-297.36
Story1	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Min	98.26	-3.09	-23.99	-297.36
Story1	Top	DStID1	Combination		98.36	-0.86	-2.27	-45.3

Story	Location	Output Case	Case Type	Step Type	P tonf	VX tonf	VY tonf	T tonf-m
Story1	Bottom	DStID1	Combination		116.16	-0.86	-2.27	-45.3
Story1	Top	DStID2	Combination		119.02	-0.88	-3.6	-67.38
Story1	Bottom	DStID2	Combination		136.82	-0.88	-3.6	-67.38

Table 3.3 - Story Forces (Part 2 of 2)

Story	Location	MX tonf-m	MY tonf-m
Story3	Top	129.9	-100.45
Story3	Bottom	53.82	-104.84
Story3	Top	0	0
Story3	Bottom	121.6	-191.98
Story3	Top	0	0
Story3	Bottom	1.95	3.55
Story3	Top	0	0
Story3	Bottom	10.46	20.89
Story3	Top	0	0
Story3	Bottom	11.2	-18.68
Story3	Top	0	0
Story3	Bottom	-51.25	108.69
Story3	Top	0	0
Story3	Bottom	194.63	-307.32
Story3	Top	0	0
Story3	Bottom	182.58	-288.34
Story3	Top	0	0
Story3	Bottom	-97.38	153.78
Story3	Top	0	0
Story3	Bottom	1.6	2.91
Story3	Top	0	0
Story3	Bottom	6.87	13.48
Story3	Top	0	0
Story3	Bottom	1.91	-3.19
Story3	Top	0	0
Story3	Bottom	-8.75	18.55
Story3	Top	129.9	-100.45
Story3	Bottom	248.45	-412.16
Story3	Top	129.9	-100.45
Story3	Bottom	370.05	-604.14
Story3	Top	129.9	-100.45
Story3	Bottom	339.65	-556.14
Story3	Top	129.9	-100.45
Story3	Bottom	249.82	-409.67
Story3	Top	129.9	-100.45
Story3	Bottom	247.08	-414.64
Story3	Top	129.9	-100.45
Story3	Bottom	255.77	-397.54
Story3	Top	129.9	-100.45
Story3	Bottom	241.13	-426.78
Story3	Top	129.9	-100.45
Story3	Bottom	340.67	-554.28
Story3	Top	129.9	-100.45
Story3	Bottom	338.63	-558.01
Story3	Top	129.9	-100.45
Story3	Bottom	345.14	-545.18
Story3	Top	129.9	-100.45
Story3	Bottom	334.16	-567.11
Story3	Top	77.94	-60.27
Story3	Bottom	150.44	-244.81
Story3	Top	77.94	-60.27
Story3	Bottom	147.7	-249.78

Story	Location	MX tonf-m	MY tonf-m
Story3	Top	77.94	-60.27
Story3	Bottom	156.39	-232.67
Story3	Top	77.94	-60.27
Story3	Bottom	141.75	-261.92
Story3	Top	181.86	-140.63
Story3	Bottom	347.83	-577.02
Story3	Top	155.88	-120.54
Story3	Bottom	492.7	-801.76
Story3	Top	155.88	-120.54
Story3	Bottom	424.83	-676.75
Story3	Top	155.88	-120.54
Story3	Bottom	414.65	-696.39
Story3	Top	155.88	-120.54
Story3	Bottom	430.78	-664.62
Story3	Top	155.88	-120.54
Story3	Bottom	408.7	-708.52
Story3	Top	155.88	-120.54
Story3	Bottom	424.83	-676.75
Story3	Top	155.88	-120.54
Story3	Bottom	414.65	-696.39
Story3	Top	155.88	-120.54
Story3	Bottom	430.78	-664.62
Story3	Top	155.88	-120.54
Story3	Bottom	408.7	-708.52
Story3	Top	155.88	-120.54
Story3	Bottom	424.83	-676.75
Story3	Top	155.88	-120.54
Story3	Bottom	414.65	-696.39
Story3	Top	155.88	-120.54
Story3	Bottom	430.78	-664.62
Story3	Top	155.88	-120.54
Story3	Bottom	408.7	-708.52
Story3	Top	155.88	-120.54
Story3	Bottom	424.83	-676.75
Story3	Top	155.88	-120.54
Story3	Bottom	414.65	-696.39
Story3	Top	155.88	-120.54
Story3	Bottom	430.78	-664.62
Story3	Top	155.88	-120.54
Story3	Bottom	408.7	-708.52
Story3	Top	155.88	-120.54
Story3	Bottom	424.83	-676.75
Story3	Top	155.88	-120.54
Story3	Bottom	414.65	-696.39
Story3	Top	155.88	-120.54
Story3	Bottom	430.78	-664.62
Story3	Top	155.88	-120.54
Story3	Bottom	408.7	-708.52
Story3	Top	155.88	-120.54
Story3	Bottom	424.83	-676.75
Story3	Top	155.88	-120.54
Story3	Bottom	414.65	-696.39
Story3	Top	155.88	-120.54
Story3	Bottom	430.78	-664.62
Story3	Top	155.88	-120.54
Story3	Bottom	408.7	-708.52
Story3	Top	116.91	-90.41
Story3	Bottom	223.61	-370.94
Story3	Top	116.91	-90.41
Story3	Bottom	228.69	-361.12
Story3	Top	116.91	-90.41
Story3	Bottom	218.52	-380.76
Story3	Top	116.91	-90.41
Story3	Bottom	234.65	-348.99
Story3	Top	116.91	-90.41
Story3	Bottom	212.56	-392.9
Story3	Top	116.91	-90.41
Story3	Bottom	228.69	-361.12
Story3	Top	116.91	-90.41
Story3	Bottom	218.52	-380.76
Story3	Top	116.91	-90.41
Story3	Bottom	234.65	-348.99
Story3	Top	116.91	-90.41
Story3	Bottom	212.56	-392.9
Story3	Top	116.91	-90.41
Story3	Bottom	228.69	-361.12

Story	Location	MX tonf-m	MY tonf-m
Story3	Top	116.91	-90.41
Story3	Bottom	218.52	-380.76
Story3	Top	116.91	-90.41
Story3	Bottom	234.65	-348.99
Story3	Top	116.91	-90.41
Story3	Bottom	212.56	-392.9
Story3	Top	116.91	-90.41
Story3	Bottom	228.69	-361.12
Story3	Top	116.91	-90.41
Story3	Bottom	218.52	-380.76
Story3	Top	116.91	-90.41
Story3	Bottom	234.65	-348.99
Story3	Top	116.91	-90.41
Story3	Bottom	212.56	-392.9
Story3	Top	129.9	-100.45
Story3	Bottom	248.45	-412.16
Story3	Top	129.9	-100.45
Story3	Bottom	370.05	-604.14
Story3	Top	77.94	-60.27
Story3	Bottom	149.07	-247.29
Story3	Top	77.94	-60.27
Story3	Bottom	150.44	-244.81
Story3	Top	77.94	-60.27
Story3	Bottom	147.7	-249.78
Story3	Top	77.94	-60.27
Story3	Bottom	156.39	-232.67
Story3	Top	77.94	-60.27
Story3	Bottom	141.75	-261.92
Story3	Top	129.9	-100.45
Story3	Bottom	249.82	-409.67
Story3	Top	129.9	-100.45
Story3	Bottom	247.08	-414.64
Story3	Top	129.9	-100.45
Story3	Bottom	255.77	-397.54
Story3	Top	129.9	-100.45
Story3	Bottom	241.13	-426.78
Story3	Top	129.9	-100.45
Story3	Bottom	340.63	-554.37
Story3	Top	129.9	-100.45
Story3	Bottom	338.67	-557.92
Story3	Top	129.9	-100.45
Story3	Bottom	344.88	-545.7
Story3	Top	129.9	-100.45
Story3	Bottom	334.42	-566.59
Story3	Top	129.9	-100.45
Story3	Bottom	250.4	-408.6
Story3	Top	129.9	-100.45
Story3	Bottom	246.5	-415.71
Story3	Top	129.9	-100.45
Story3	Bottom	258.91	-391.27
Story3	Top	129.9	-100.45
Story3	Bottom	237.99	-433.05
Story3	Top	129.9	-100.45
Story3	Bottom	341.11	-553.48
Story3	Top	129.9	-100.45
Story3	Bottom	338.19	-558.81
Story3	Top	129.9	-100.45
Story3	Bottom	347.49	-540.48
Story3	Top	129.9	-100.45
Story3	Bottom	331.81	-571.81

Story	Location	MX tonf-m	MY tonf-m
Story3	Top	77.94	-60.27
Story3	Bottom	151.02	-243.74
Story3	Top	77.94	-60.27
Story3	Bottom	147.12	-250.85
Story3	Top	77.94	-60.27
Story3	Bottom	159.53	-226.41
Story3	Top	77.94	-60.27
Story3	Bottom	138.61	-268.18
Story3	Top	129.9	-100.45
Story3	Bottom	431.04	-700.5
Story3	Top	129.9	-100.45
Story3	Bottom	151.07	-258.37
Story3	Top	129.9	-100.45
Story3	Bottom	476.59	-772.4
Story3	Top	129.9	-100.45
Story3	Bottom	266.62	-440.81
Story3	Top	77.94	-60.27
Story3	Bottom	331.65	-535.64
Story3	Top	77.94	-60.27
Story3	Bottom	51.69	-93.51
Story3	Top	155.88	-120.54
Story3	Bottom	444.21	-725.26
Story3	Top	155.88	-120.54
Story3	Bottom	220.24	-371.56
Story3	Top	116.91	-90.41
Story3	Bottom	515.74	-832.29
Story3	Top	116.91	-90.41
Story3	Bottom	67.8	-124.89
Story3	Top	155.88	-120.54
Story3	Bottom	711.88	-1147.92
Story3	Top	155.88	-120.54
Story3	Bottom	263.94	-440.52
Story3	Top	129.9	-100.45
Story3	Bottom	370.05	-604.14
Story3	Top	129.9	-100.45
Story3	Bottom	248.45	-412.16
Story3	Top	129.9	-100.45
Story3	Bottom	339.65	-556.14
Story3	Top	129.9	-100.45
Story3	Bottom	249.82	-409.67
Story3	Top	129.9	-100.45
Story3	Bottom	247.08	-414.64
Story3	Top	129.9	-100.45
Story3	Bottom	255.77	-397.54
Story3	Top	129.9	-100.45
Story3	Bottom	241.13	-426.78
Story3	Top	129.9	-100.45
Story3	Bottom	340.67	-554.28
Story3	Top	129.9	-100.45
Story3	Bottom	338.63	-558.01
Story3	Top	129.9	-100.45
Story3	Bottom	345.14	-545.18
Story3	Top	129.9	-100.45
Story3	Bottom	334.16	-567.11
Story3	Top	77.94	-60.27
Story3	Bottom	149.07	-247.29
Story3	Top	77.94	-60.27
Story3	Bottom	150.44	-244.81
Story3	Top	77.94	-60.27
Story3	Bottom	147.7	-249.78

Story	Location	MX tonf-m	MY tonf-m
Story3	Top	77.94	-60.27
Story3	Bottom	156.39	-232.67
Story3	Top	77.94	-60.27
Story3	Bottom	141.75	-261.92
Story3	Top	155.88	-120.54
Story3	Bottom	298.14	-494.59
Story3	Top	116.91	-90.41
Story3	Bottom	223.61	-370.94
Story3	Top	116.91	-90.41
Story3	Bottom	225.56	-367.39
Story3	Top	116.91	-90.41
Story3	Bottom	221.65	-374.49
Story3	Top	116.91	-90.41
Story3	Bottom	234.06	-350.05
Story3	Top	116.91	-90.41
Story3	Bottom	213.15	-391.83
Story3	Top	129.9	-100.45
Story3	Bottom	248.45	-412.16
Story3	Top	129.9	-100.45
Story3	Bottom	370.05	-604.14
Story2	Top	349.15	-1624.99
Story2	Bottom	140.48	-330.39
Story2	Top	142.17	-583.06
Story2	Bottom	57.63	-133.71
Story2	Top	1.88	4.14
Story2	Bottom	1.14	15.04
Story2	Top	18.8	35.82
Story2	Bottom	9.96	69.29
Story2	Top	8.78	-17.86
Story2	Bottom	1.61	-65.09
Story2	Top	-94.8	183.05
Story2	Bottom	36.15	-307.56
Story2	Top	170.19	-651.75
Story2	Bottom	73.67	-176.81
Story2	Top	70.06	-171.71
Story2	Bottom	40.1	-107.75
Story2	Top	-37.36	91.58
Story2	Bottom	-21.39	57.47
Story2	Top	1.56	3.43
Story2	Bottom	0.93	13.04
Story2	Top	12.27	22.96
Story2	Bottom	6.61	44.15
Story2	Top	1.5	-3.05
Story2	Bottom	0.27	-11.11
Story2	Top	-16.18	31.24
Story2	Bottom	6.17	-52.49
Story2	Top	519.34	-2276.73
Story2	Bottom	214.16	-507.19
Story2	Top	661.5	-2859.8
Story2	Bottom	271.79	-640.9
Story2	Top	625.96	-2714.03
Story2	Bottom	257.38	-607.47
Story2	Top	520.65	-2273.83
Story2	Bottom	214.95	-496.66
Story2	Top	518.02	-2279.63
Story2	Bottom	213.36	-517.72
Story2	Top	532.49	-2251.66
Story2	Bottom	221.13	-458.69
Story2	Top	506.18	-2301.81
Story2	Bottom	207.18	-555.69

Story	Location	MX tonf-m	MY tonf-m
Story2	Top	626.95	-2711.86
Story2	Bottom	257.98	-599.57
Story2	Top	624.97	-2716.21
Story2	Bottom	256.78	-615.37
Story2	Top	635.83	-2695.23
Story2	Bottom	262.61	-571.1
Story2	Top	616.09	-2732.84
Story2	Bottom	252.15	-643.85
Story2	Top	312.92	-1363.14
Story2	Bottom	129.29	-293.78
Story2	Top	310.29	-1368.94
Story2	Bottom	127.69	-314.85
Story2	Top	324.76	-1340.97
Story2	Bottom	135.47	-255.81
Story2	Top	298.44	-1391.11
Story2	Bottom	121.52	-352.82
Story2	Top	727.07	-3187.43
Story2	Bottom	299.82	-710.07
Story2	Top	850.67	-3664.98
Story2	Bottom	349.19	-822.56
Story2	Top	772.89	-3300.26
Story2	Bottom	318.75	-706.51
Story2	Top	757.85	-3330.03
Story2	Bottom	310.49	-778.17
Story2	Top	784.73	-3278.09
Story2	Bottom	324.92	-668.54
Story2	Top	746.01	-3352.21
Story2	Bottom	304.31	-816.14
Story2	Top	772.89	-3300.26
Story2	Bottom	318.75	-706.51
Story2	Top	757.85	-3330.03
Story2	Bottom	310.49	-778.17
Story2	Top	784.73	-3278.09
Story2	Bottom	324.92	-668.54
Story2	Top	746.01	-3352.21
Story2	Bottom	304.31	-816.14
Story2	Top	772.89	-3300.26
Story2	Bottom	318.75	-706.51
Story2	Top	757.85	-3330.03
Story2	Bottom	310.49	-778.17
Story2	Top	784.73	-3278.09
Story2	Bottom	324.92	-668.54
Story2	Top	746.01	-3352.21
Story2	Bottom	304.31	-816.14
Story2	Top	772.89	-3300.26
Story2	Bottom	318.75	-706.51
Story2	Top	757.85	-3330.03
Story2	Bottom	310.49	-778.17
Story2	Top	784.73	-3278.09
Story2	Bottom	324.92	-668.54
Story2	Top	746.01	-3352.21
Story2	Bottom	304.31	-816.14
Story2	Top	467.4	-2049.06
Story2	Bottom	192.74	-456.47
Story2	Top	474.92	-2034.17
Story2	Bottom	196.87	-420.64
Story2	Top	459.88	-2063.95
Story2	Bottom	188.61	-492.3
Story2	Top	486.76	-2012
Story2	Bottom	203.05	-382.67

Story	Location	MX tonf-m	MY tonf-m
Story2	Top	448.04	-2086.12
Story2	Bottom	182.43	-530.27
Story2	Top	474.92	-2034.17
Story2	Bottom	196.87	-420.64
Story2	Top	459.88	-2063.95
Story2	Bottom	188.61	-492.3
Story2	Top	486.76	-2012
Story2	Bottom	203.05	-382.67
Story2	Top	448.04	-2086.12
Story2	Bottom	182.43	-530.27
Story2	Top	474.92	-2034.17
Story2	Bottom	196.87	-420.64
Story2	Top	459.88	-2063.95
Story2	Bottom	188.61	-492.3
Story2	Top	486.76	-2012
Story2	Bottom	203.05	-382.67
Story2	Top	448.04	-2086.12
Story2	Bottom	182.43	-530.27
Story2	Top	474.92	-2034.17
Story2	Bottom	196.87	-420.64
Story2	Top	459.88	-2063.95
Story2	Bottom	188.61	-492.3
Story2	Top	486.76	-2012
Story2	Bottom	203.05	-382.67
Story2	Top	448.04	-2086.12
Story2	Bottom	182.43	-530.27
Story2	Top	519.34	-2276.73
Story2	Bottom	214.16	-507.19
Story2	Top	661.5	-2859.8
Story2	Bottom	271.79	-640.9
Story2	Top	311.6	-1366.04
Story2	Bottom	128.49	-304.32
Story2	Top	312.92	-1363.14
Story2	Bottom	129.29	-293.78
Story2	Top	310.29	-1368.94
Story2	Bottom	127.69	-314.85
Story2	Top	324.76	-1340.97
Story2	Bottom	135.47	-255.81
Story2	Top	298.44	-1391.11
Story2	Bottom	121.52	-352.82
Story2	Top	520.65	-2273.83
Story2	Bottom	214.95	-496.66
Story2	Top	518.02	-2279.63
Story2	Bottom	213.36	-517.72
Story2	Top	532.49	-2251.66
Story2	Bottom	221.13	-458.69
Story2	Top	506.18	-2301.81
Story2	Bottom	207.18	-555.69
Story2	Top	626.9	-2711.96
Story2	Bottom	257.95	-599.95
Story2	Top	625.02	-2716.1
Story2	Bottom	256.81	-614.99
Story2	Top	635.36	-2696.12
Story2	Bottom	262.36	-572.83
Story2	Top	616.56	-2731.94
Story2	Bottom	252.4	-642.12
Story2	Top	521.21	-2272.59
Story2	Bottom	215.3	-492.15
Story2	Top	517.46	-2280.88
Story2	Bottom	213.01	-522.24

Story	Location	MX tonf-m	MY tonf-m
Story2	Top	538.13	-2240.92
Story2	Bottom	224.12	-437.9
Story2	Top	500.54	-2312.55
Story2	Bottom	204.19	-576.48
Story2	Top	627.37	-2710.93
Story2	Bottom	258.23	-596.19
Story2	Top	624.55	-2717.14
Story2	Bottom	256.52	-618.75
Story2	Top	640.06	-2687.17
Story2	Bottom	264.85	-555.51
Story2	Top	611.86	-2740.9
Story2	Bottom	249.9	-659.44
Story2	Top	313.48	-1361.9
Story2	Bottom	129.63	-289.27
Story2	Top	309.72	-1370.18
Story2	Bottom	127.35	-319.36
Story2	Top	330.4	-1330.22
Story2	Bottom	138.46	-235.03
Story2	Top	292.8	-1401.86
Story2	Bottom	118.53	-373.6
Story2	Top	589.39	-2448.44
Story2	Bottom	254.26	-614.94
Story2	Top	481.97	-2185.16
Story2	Bottom	192.77	-449.72
Story2	Top	678.5	-2842.81
Story2	Bottom	287.45	-688.28
Story2	Top	597.94	-2645.35
Story2	Bottom	241.34	-564.37
Story2	Top	381.66	-1537.75
Story2	Bottom	168.59	-412.07
Story2	Top	274.24	-1274.46
Story2	Bottom	107.11	-246.85
Story2	Top	679.25	-2869.45
Story2	Bottom	289.07	-694.83
Story2	Top	593.31	-2658.82
Story2	Bottom	239.88	-562.66
Story2	Top	579.49	-2323.79
Story2	Bottom	256.9	-628.87
Story2	Top	407.62	-1902.54
Story2	Bottom	158.52	-364.53
Story2	Top	877.46	-3589.87
Story2	Bottom	378.78	-914.74
Story2	Top	705.59	-3168.62
Story2	Bottom	280.4	-650.39
Story2	Top	661.5	-2859.8
Story2	Bottom	271.79	-640.9
Story2	Top	519.34	-2276.73
Story2	Bottom	214.16	-507.19
Story2	Top	625.96	-2714.03
Story2	Bottom	257.38	-607.47
Story2	Top	520.65	-2273.83
Story2	Bottom	214.95	-496.66
Story2	Top	518.02	-2279.63
Story2	Bottom	213.36	-517.72
Story2	Top	532.49	-2251.66
Story2	Bottom	221.13	-458.69
Story2	Top	506.18	-2301.81
Story2	Bottom	207.18	-555.69
Story2	Top	626.95	-2711.86
Story2	Bottom	257.98	-599.57

Story	Location	MX tonf-m	MY tonf-m
Story2	Top	624.97	-2716.21
Story2	Bottom	256.78	-615.37
Story2	Top	635.83	-2695.23
Story2	Bottom	262.61	-571.1
Story2	Top	616.09	-2732.84
Story2	Bottom	252.15	-643.85
Story2	Top	311.6	-1366.04
Story2	Bottom	128.49	-304.32
Story2	Top	312.92	-1363.14
Story2	Bottom	129.29	-293.78
Story2	Top	310.29	-1368.94
Story2	Bottom	127.69	-314.85
Story2	Top	324.76	-1340.97
Story2	Bottom	135.47	-255.81
Story2	Top	298.44	-1391.11
Story2	Bottom	121.52	-352.82
Story2	Top	623.2	-2732.08
Story2	Bottom	256.99	-608.63
Story2	Top	467.4	-2049.06
Story2	Bottom	192.74	-456.47
Story2	Top	469.28	-2044.92
Story2	Bottom	193.88	-441.43
Story2	Top	465.52	-2053.2
Story2	Bottom	191.6	-471.52
Story2	Top	486.2	-2013.24
Story2	Bottom	202.7	-387.19
Story2	Top	448.6	-2084.88
Story2	Bottom	182.78	-525.76
Story2	Top	519.34	-2276.73
Story2	Bottom	214.16	-507.19
Story2	Top	661.5	-2859.8
Story2	Bottom	271.79	-640.9
Story1	Top	686.82	-922.87
Story1	Bottom	877.18	-1207.92
Story1	Top	203.24	-285.76
Story1	Bottom	208.65	-285.83
Story1	Top	1.78	19.11
Story1	Bottom	5.37	68.96
Story1	Top	36.87	104.5
Story1	Bottom	125.39	104.65
Story1	Top	-7.44	-95.16
Story1	Bottom	-11.88	-435.62
Story1	Top	173.31	-490.71
Story1	Bottom	560.33	-504.61
Story1	Top	306.51	-419.86
Story1	Bottom	315.43	-420.04
Story1	Top	258.16	-335.24
Story1	Bottom	266.94	-335.51
Story1	Top	-137.68	178.79
Story1	Bottom	-142.37	178.94
Story1	Top	1.51	16.34
Story1	Bottom	4.57	57.61
Story1	Top	24.31	66.79
Story1	Bottom	83.04	67.21
Story1	Top	-1.27	-16.24
Story1	Bottom	-2.03	-74.35
Story1	Top	29.58	-83.75
Story1	Bottom	95.63	-86.12
Story1	Top	993.33	-1342.73
Story1	Bottom	1192.61	-1627.96

Story	Location	MX tonf-m	MY tonf-m
Story1	Top	1196.57	-1628.5
Story1	Bottom	1401.26	-1913.79
Story1	Top	1145.76	-1557.06
Story1	Bottom	1349.1	-1842.33
Story1	Top	994.57	-1329.36
Story1	Bottom	1196.37	-1579.68
Story1	Top	992.09	-1356.11
Story1	Bottom	1188.85	-1676.23
Story1	Top	1019.14	-1269.58
Story1	Bottom	1280.38	-1554.7
Story1	Top	967.52	-1415.88
Story1	Bottom	1104.84	-1701.21
Story1	Top	1146.7	-1547.02
Story1	Bottom	1351.92	-1806.13
Story1	Top	1144.83	-1567.09
Story1	Bottom	1346.28	-1878.54
Story1	Top	1165.12	-1502.19
Story1	Bottom	1414.93	-1787.39
Story1	Top	1126.41	-1611.92
Story1	Bottom	1283.27	-1897.27
Story1	Top	597.24	-792.27
Story1	Bottom	719.33	-928.5
Story1	Top	594.76	-819.01
Story1	Bottom	711.81	-1025.05
Story1	Top	621.81	-732.49
Story1	Bottom	803.34	-903.52
Story1	Top	570.19	-878.79
Story1	Bottom	627.79	-1050.03
Story1	Top	1390.66	-1879.82
Story1	Bottom	1669.65	-2279.14
Story1	Top	1517.19	-2068.5
Story1	Bottom	1764.98	-2410.88
Story1	Top	1408.08	-1846.59
Story1	Bottom	1682.77	-2139.02
Story1	Top	1382.4	-1947.5
Story1	Bottom	1596.8	-2339.74
Story1	Top	1432.65	-1786.81
Story1	Bottom	1766.78	-2114.04
Story1	Top	1357.84	-2007.28
Story1	Bottom	1512.79	-2364.72
Story1	Top	1408.08	-1846.59
Story1	Bottom	1682.77	-2139.02
Story1	Top	1382.4	-1947.5
Story1	Bottom	1596.8	-2339.74
Story1	Top	1432.65	-1786.81
Story1	Bottom	1766.78	-2114.04
Story1	Top	1357.84	-2007.28
Story1	Bottom	1512.79	-2364.72
Story1	Top	1408.08	-1846.59
Story1	Bottom	1682.77	-2139.02
Story1	Top	1382.4	-1947.5
Story1	Bottom	1596.8	-2339.74
Story1	Top	1432.65	-1786.81
Story1	Bottom	1766.78	-2114.04
Story1	Top	1357.84	-2007.28
Story1	Bottom	1512.79	-2364.72
Story1	Top	1408.08	-1846.59
Story1	Bottom	1682.77	-2139.02
Story1	Top	1382.4	-1947.5
Story1	Bottom	1596.8	-2339.74

Story	Location	MX tonf-m	MY tonf-m
Story1	Top	1432.65	-1786.81
Story1	Bottom	1766.78	-2114.04
Story1	Top	1357.84	-2007.28
Story1	Bottom	1512.79	-2364.72
Story1	Top	894	-1208.46
Story1	Bottom	1073.35	-1465.16
Story1	Top	906.83	-1158
Story1	Bottom	1116.34	-1364.8
Story1	Top	881.16	-1258.91
Story1	Bottom	1030.36	-1565.52
Story1	Top	931.4	-1098.23
Story1	Bottom	1200.35	-1339.82
Story1	Top	856.59	-1318.69
Story1	Bottom	946.35	-1590.5
Story1	Top	906.83	-1158
Story1	Bottom	1116.34	-1364.8
Story1	Top	881.16	-1258.91
Story1	Bottom	1030.36	-1565.52
Story1	Top	931.4	-1098.23
Story1	Bottom	1200.35	-1339.82
Story1	Top	856.59	-1318.69
Story1	Bottom	946.35	-1590.5
Story1	Top	906.83	-1158
Story1	Bottom	1116.34	-1364.8
Story1	Top	881.16	-1258.91
Story1	Bottom	1030.36	-1565.52
Story1	Top	931.4	-1098.23
Story1	Bottom	1200.35	-1339.82
Story1	Top	856.59	-1318.69
Story1	Bottom	946.35	-1590.5
Story1	Top	906.83	-1158
Story1	Bottom	1116.34	-1364.8
Story1	Top	881.16	-1258.91
Story1	Bottom	1030.36	-1565.52
Story1	Top	931.4	-1098.23
Story1	Bottom	1200.35	-1339.82
Story1	Top	856.59	-1318.69
Story1	Bottom	946.35	-1590.5
Story1	Top	906.83	-1158
Story1	Bottom	1116.34	-1364.8
Story1	Top	881.16	-1258.91
Story1	Bottom	1030.36	-1565.52
Story1	Top	931.4	-1098.23
Story1	Bottom	1200.35	-1339.82
Story1	Top	856.59	-1318.69
Story1	Bottom	946.35	-1590.5
Story1	Top	993.33	-1342.73
Story1	Bottom	1192.61	-1627.96
Story1	Top	1196.57	-1628.5
Story1	Bottom	1401.26	-1913.79
Story1	Top	596	-805.64
Story1	Bottom	715.57	-976.77
Story1	Top	597.24	-792.27
Story1	Bottom	719.33	-928.5
Story1	Top	594.76	-819.01
Story1	Bottom	711.81	-1025.05
Story1	Top	621.81	-732.49
Story1	Bottom	803.34	-903.52
Story1	Top	570.19	-878.79
Story1	Bottom	627.79	-1050.03
Story1	Top	994.57	-1329.36
Story1	Bottom	1196.37	-1579.68
Story1	Top	992.09	-1356.11
Story1	Bottom	1188.85	-1676.23
Story1	Top	1019.14	-1269.58
Story1	Bottom	1280.38	-1554.7
Story1	Top	967.52	-1415.88
Story1	Bottom	1104.84	-1701.21

Story	Location	MX tonf-m	MY tonf-m
Story1	Top	1146.65	-1547.5
Story1	Bottom	1351.79	-1807.85
Story1	Top	1144.88	-1566.61
Story1	Bottom	1346.41	-1876.81
Story1	Top	1164.2	-1504.8
Story1	Bottom	1411.79	-1790.01
Story1	Top	1127.33	-1609.31
Story1	Bottom	1286.41	-1894.66
Story1	Top	995.11	-1323.63
Story1	Bottom	1197.98	-1558.99
Story1	Top	991.56	-1361.84
Story1	Bottom	1187.24	-1696.92
Story1	Top	1030.2	-1238.23
Story1	Bottom	1318	-1523.31
Story1	Top	956.46	-1447.23
Story1	Bottom	1067.22	-1732.61
Story1	Top	1147.09	-1542.73
Story1	Bottom	1353.13	-1790.61
Story1	Top	1144.43	-1571.38
Story1	Bottom	1345.07	-1894.06
Story1	Top	1173.42	-1478.68
Story1	Bottom	1443.14	-1763.84
Story1	Top	1118.11	-1635.43
Story1	Bottom	1255.06	-1920.82
Story1	Top	597.77	-786.53
Story1	Bottom	720.94	-907.81
Story1	Top	594.22	-824.74
Story1	Bottom	710.19	-1045.74
Story1	Top	632.87	-701.14
Story1	Bottom	840.95	-872.12
Story1	Top	559.13	-910.14
Story1	Bottom	590.18	-1081.43
Story1	Top	1251.49	-1677.97
Story1	Bottom	1459.55	-1963.47
Story1	Top	855.65	-1163.94
Story1	Bottom	1050.24	-1449.02
Story1	Top	1339.38	-1808.48
Story1	Bottom	1549.31	-2093.96
Story1	Top	1042.5	-1422.96
Story1	Bottom	1242.32	-1708.13
Story1	Top	854.16	-1140.88
Story1	Bottom	982.51	-1312.28
Story1	Top	458.31	-626.85
Story1	Bottom	573.2	-797.84
Story1	Top	1398.52	-1879.47
Story1	Bottom	1644.68	-2221.96
Story1	Top	1081.85	-1468.24
Story1	Bottom	1317.24	-1810.4
Story1	Top	1307.05	-1744.84
Story1	Bottom	1500.45	-2001.98
Story1	Top	673.7	-922.39
Story1	Bottom	845.56	-1178.86
Story1	Top	1808.29	-2433.42
Story1	Bottom	2066.89	-2776.2
Story1	Top	1174.95	-1610.97
Story1	Bottom	1412	-1953.08
Story1	Top	1196.57	-1628.5
Story1	Bottom	1401.26	-1913.79
Story1	Top	993.33	-1342.73
Story1	Bottom	1192.61	-1627.96

Story	Location	MX tonf-m	MY tonf-m
Story1	Top	1145.76	-1557.06
Story1	Bottom	1349.1	-1842.33
Story1	Top	994.57	-1329.36
Story1	Bottom	1196.37	-1579.68
Story1	Top	992.09	-1356.11
Story1	Bottom	1188.85	-1676.23
Story1	Top	1019.14	-1269.58
Story1	Bottom	1280.38	-1554.7
Story1	Top	967.52	-1415.88
Story1	Bottom	1104.84	-1701.21
Story1	Top	1146.7	-1547.02
Story1	Bottom	1351.92	-1806.13
Story1	Top	1144.83	-1567.09
Story1	Bottom	1346.28	-1878.54
Story1	Top	1165.12	-1502.19
Story1	Bottom	1414.93	-1787.39
Story1	Top	1126.41	-1611.92
Story1	Bottom	1283.27	-1897.27
Story1	Top	596	-805.64
Story1	Bottom	715.57	-976.77
Story1	Top	597.24	-792.27
Story1	Bottom	719.33	-928.5
Story1	Top	594.76	-819.01
Story1	Bottom	711.81	-1025.05
Story1	Top	621.81	-732.49
Story1	Bottom	803.34	-903.52
Story1	Top	570.19	-878.79
Story1	Bottom	627.79	-1050.03
Story1	Top	1192	-1611.28
Story1	Bottom	1431.13	-1953.55
Story1	Top	894	-1208.46
Story1	Bottom	1073.35	-1465.16
Story1	Top	895.77	-1189.35
Story1	Bottom	1078.72	-1396.2
Story1	Top	892.22	-1227.56
Story1	Bottom	1067.98	-1534.13
Story1	Top	930.87	-1103.96
Story1	Bottom	1198.74	-1360.51
Story1	Top	857.13	-1312.96
Story1	Bottom	947.96	-1569.81
Story1	Top	993.33	-1342.73
Story1	Bottom	1192.61	-1627.96
Story1	Top	1196.57	-1628.5
Story1	Bottom	1401.26	-1913.79

3.3 Modal Results

Table 3.4 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.322	3.11	19.538	381.7347
Modal	2	0.298	3.352	21.0639	443.6877
Modal	3	0.28	3.571	22.435	503.3309
Modal	4	0.255	3.928	24.6795	609.0763
Modal	5	0.23	4.353	27.353	748.1869
Modal	6	0.221	4.519	28.3915	806.0774
Modal	7	0.13	7.692	48.3309	2335.8804
Modal	8	0.126	7.912	49.7097	2471.0538
Modal	9	0.115	8.672	54.4896	2969.1195

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	10	0.107	9.339	58.6774	3443.0382
Modal	11	0.106	9.471	59.5101	3541.4538
Modal	12	0.09	11.098	69.7333	4862.7292
Modal	13	0.084	11.964	75.1707	5650.6304
Modal	14	0.071	14.069	88.4007	7814.6765
Modal	15	0.069	14.461	90.8616	8255.8262
Modal	16	0.063	15.948	100.2042	10040.8843
Modal	17	0.062	16.237	102.0172	10407.5123
Modal	18	0.058	17.347	108.9973	11880.4017
Modal	19	0.057	17.699	111.2047	12366.4822
Modal	20	0.055	18.13	113.9157	12976.7897
Modal	21	0.049	20.303	127.5677	16273.5302
Modal	22	0.046	21.768	136.7715	18706.4405
Modal	23	0.043	23.226	145.9354	21297.1274
Modal	24	0.042	23.773	149.3674	22310.629
Modal	25	0.04	25.191	158.2808	25052.8133
Modal	26	0.038	26.465	166.2846	27650.5557
Modal	27	0.036	27.871	175.1215	30667.5397
Modal	28	0.035	28.827	181.1257	32806.5235
Modal	29	0.033	29.95	188.1819	35412.4248
Modal	30	0.03	33.056	207.6947	43137.097
Modal	31	0.03	33.572	210.9383	44494.9685
Modal	32	0.029	34.746	218.315	47661.4262
Modal	33	0.026	38.259	240.3873	57786.0493
Modal	34	0.026	38.727	243.3276	59208.3093
Modal	35	0.025	39.313	247.0113	61014.6036
Modal	36	0.025	39.837	250.3033	62651.7626
Modal	37	0.025	40.668	255.527	65294.0575
Modal	38	0.024	42.335	265.9993	70755.6508
Modal	39	0.022	46.155	290.0006	84100.3535
Modal	40	0.022	46.341	291.1688	84779.2549
Modal	41	0.02	48.887	307.169	94352.8008
Modal	42	0.02	50.497	317.2817	100667.6623
Modal	43	0.019	52.969	332.8115	110763.4647
Modal	44	0.019	53.826	338.1995	114378.8752
Modal	45	0.018	54.205	340.5782	115993.5438
Modal	46	0.018	55.037	345.81	119584.5268
Modal	47	0.017	57.202	359.4081	129174.169
Modal	48	0.017	57.852	363.4963	132129.5506
Modal	49	0.017	60.422	379.6441	144129.6118
Modal	50	0.016	63.053	396.1765	156955.8038
Modal	51	0.016	63.836	401.0922	160874.9605
Modal	52	0.016	64.259	403.7506	163014.5263
Modal	53	0.016	64.428	404.8111	163872.0525
Modal	54	0.015	68.268	428.9389	183988.6207
Modal	55	0.014	71.107	446.7793	199611.7173
Modal	56	0.014	73.984	464.8568	216091.8857
Modal	57	0.013	76.43	480.2218	230613.0206
Modal	58	0.013	78.922	495.8788	245895.7825
Modal	59	0.012	81.712	513.4104	263590.2513
Modal	60	0.012	82.728	519.7969	270188.8088

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	0.322	0.1148	0.0003	0	0.1148	0.0003	0	0.0001	0.0295	0.0089
Modal	2	0.298	0.0002	0.7816	0	0.115	0.7819	0	0.2726	0.0005	0.195
Modal	3	0.28	0.2123	0.0027	0	0.3273	0.7846	0	0.0009	0.045	0.0001
Modal	4	0.255	0.473	0.0056	0	0.8003	0.7902	0	0.002	0.0277	0.0689

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	5	0.23	0.0018	0.1965	0	0.8021	0.9867	0	0.0792	0.0012	0.6414
Modal	6	0.221	0.1912	0.0001	0	0.9933	0.9868	0	1.03E-05	0.5033	0.0767
Modal	7	0.13	1.009E-05	0.0001	0	0.9933	0.9869	0	0.0001	0.0004	2.819E-05
Modal	8	0.126	0.0009	0.002	0	0.9942	0.9889	0	0.0021	0.0169	0.0001
Modal	9	0.115	4.682E-06	2.415E-05	0	0.9942	0.9889	0	0.0044	0.0018	0.0007
Modal	10	0.107	0.0008	0.0052	0	0.995	0.9942	0	0.0001	0.0001	0.0024
Modal	11	0.106	1.073E-05	0.0005	0	0.995	0.9947	0	0.0002	0.006	0.0002
Modal	12	0.09	0.0016	0.0003	0	0.9966	0.9949	0	0.0144	0.0088	0.0001
Modal	13	0.084	0.0012	6.304E-07	0	0.9979	0.9949	0	0.0978	0.0155	0.0016
Modal	14	0.071	0.0002	0.001	0	0.9981	0.9959	0	0.1627	0.0098	0.0003
Modal	15	0.069	0.0001	0.0001	0	0.9982	0.996	0	0.014	0.0101	2.508E-05
Modal	16	0.063	2.111E-06	1.229E-05	0	0.9982	0.9961	0	0.0014	0.0008	1.826E-05
Modal	17	0.062	0.0001	3.65E-05	0	0.9983	0.9961	0	0.0071	1.225E-05	0
Modal	18	0.058	3.494E-06	0.0003	0	0.9983	0.9964	0	0.0184	3.507E-05	0.002
Modal	19	0.057	8.092E-07	8.968E-06	0	0.9983	0.9964	0	0.0022	0.0009	4.299E-05
Modal	20	0.055	2.538E-06	0.0011	0	0.9983	0.9975	0	0.1659	3.546E-05	0.0001
Modal	21	0.049	1.049E-05	2.099E-05	0	0.9983	0.9975	0	0.0009	9.727E-06	7.048E-06
Modal	22	0.046	0	0.0009	0	0.9983	0.9984	0	0.0278	1.599E-05	0
Modal	23	0.043	0	0.0008	0	0.9983	0.9992	0	0.0279	0.0003	0.0001
Modal	24	0.042	2.81E-06	3.8E-05	0	0.9983	0.9992	0	0.0016	0.0006	1.024E-06
Modal	25	0.04	5.714E-06	0.0005	0	0.9983	0.9997	0	0.0376	0.0004	0.0002
Modal	26	0.038	3.106E-05	2.223E-06	0	0.9984	0.9997	0	0.0002	0.0058	2.196E-06
Modal	27	0.036	0.0001	0	0	0.9985	0.9997	0	5.256E-06	0.0158	4.087E-05
Modal	28	0.035	0.0001	0	0	0.9985	0.9997	0	2.371E-05	0.0208	4.013E-05
Modal	29	0.033	0.0014	0	0	0.9999	0.9997	0	1.587E-05	0.246	0.0007
Modal	30	0.03	1.356E-05	0	0	0.9999	0.9997	0	2.86E-05	0.014	1.072E-05
Modal	31	0.03	1.829E-06	0	0	0.9999	0.9997	0	0	0	0
Modal	32	0.029	1.535E-05	0	0	0.9999	0.9997	0	1.459E-06	0.0018	5.453E-06
Modal	33	0.026	0	0	0	0.9999	0.9997	0	0	3.72E-05	0
Modal	34	0.026	0	0	0	0.9999	0.9997	0	1.304E-06	0.0001	0
Modal	35	0.025	3.595E-06	0	0	0.9999	0.9997	0	6.198E-06	0.0002	1.605E-06
Modal	36	0.025	2.023E-06	0	0	0.9999	0.9997	0	2.635E-06	0.0001	6.552E-07
Modal	37	0.025	5.509E-07	0	0	0.9999	0.9997	0	9.084E-06	0.0004	0
Modal	38	0.024	6.643E-07	0	0	0.9999	0.9997	0	2.265E-06	0.0002	0
Modal	39	0.022	4.101E-06	0	0	0.9999	0.9997	0	0	0.0018	9.797E-07
Modal	40	0.022	0	0.0001	0	0.9999	0.9999	0	0.0097	1.523E-05	0.0002
Modal	41	0.02	1.297E-06	2.1E-06	0	0.9999	0.9999	0	0.0005	4.774E-05	7.411E-06
Modal	42	0.02	1.983E-06	0	0	0.9999	0.9999	0	0.0002	0.0072	0
Modal	43	0.019	0	3.639E-06	0	0.9999	0.9999	0	0.0004	0.0001	6.388E-07
Modal	44	0.019	0	0	0	0.9999	0.9999	0	3.388E-06	3.003E-05	0
Modal	45	0.018	0	2.737E-06	0	0.9999	0.9999	0	0.0005	0	0
Modal	46	0.018	0	3.39E-05	0	0.9999	0.9999	0	0.0379	0.0002	1.935E-05
Modal	47	0.017	0	1.969E-05	0	0.9999	0.9999	0	0.004	0	3.094E-05
Modal	48	0.017	0	5.527E-06	0	0.9999	0.9999	0	0.0001	1.054E-05	7.559E-06
Modal	49	0.017	0	7.831E-06	0	0.9999	1	0	0.0002	2.784E-05	5.716E-06
Modal	50	0.016	2.834E-06	2.687E-06	0	0.9999	1	0	8.487E-06	0.0002	0
Modal	51	0.016	0	0	0	0.9999	1	0	2.688E-05	1.889E-05	0
Modal	52	0.016	9.337E-07	2.486E-06	0	0.9999	1	0	1.105E-06	0.0001	0
Modal	53	0.016	0	0	0	0.9999	1	0	2.861E-06	0.0002	0
Modal	54	0.015	1.126E-06	0	0	0.9999	1	0	0	0.0001	0
Modal	55	0.014	1.71E-06	0	0	0.9999	1	0	6.59E-06	0.0004	8.463E-07
Modal	56	0.014	0	0	0	0.9999	1	0	2.847E-06	9.916E-07	0
Modal	57	0.013	0	2.088E-06	0	0.9999	1	0	2.13E-05	0	3.065E-06
Modal	58	0.013	0	0	0	0.9999	1	0	4.872E-06	2.265E-05	0
Modal	59	0.012	0	0	0	0.9999	1	0	0	2.494E-05	0
Modal	60	0.012	0	5.294E-06	0	0.9999	1	0	0.0001	2.997E-06	6.968E-06

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

Case	Mode	SumRX	SumRY	SumRZ
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Case	Mode	SumRX	SumRY	SumRZ
Modal	1	0.0001	0.0295	0.0089
Modal	2	0.2727	0.03	0.2039
Modal	3	0.2736	0.075	0.204
Modal	4	0.2757	0.1028	0.2728
Modal	5	0.3548	0.104	0.9143
Modal	6	0.3548	0.6072	0.9909
Modal	7	0.3549	0.6076	0.991
Modal	8	0.357	0.6245	0.9911
Modal	9	0.3614	0.6263	0.9917
Modal	10	0.3615	0.6264	0.9941
Modal	11	0.3617	0.6323	0.9943
Modal	12	0.3761	0.6411	0.9944
Modal	13	0.4739	0.6567	0.996
Modal	14	0.6367	0.6665	0.9963
Modal	15	0.6507	0.6765	0.9964
Modal	16	0.652	0.6773	0.9964
Modal	17	0.6592	0.6773	0.9964
Modal	18	0.6775	0.6774	0.9984
Modal	19	0.6797	0.6782	0.9984
Modal	20	0.8456	0.6783	0.9985
Modal	21	0.8465	0.6783	0.9985
Modal	22	0.8743	0.6783	0.9985
Modal	23	0.9021	0.6786	0.9986
Modal	24	0.9037	0.6792	0.9986
Modal	25	0.9413	0.6796	0.9989
Modal	26	0.9415	0.6854	0.9989
Modal	27	0.9416	0.7012	0.9989
Modal	28	0.9416	0.722	0.999
Modal	29	0.9416	0.968	0.9996
Modal	30	0.9416	0.982	0.9997
Modal	31	0.9416	0.982	0.9997
Modal	32	0.9416	0.9837	0.9997
Modal	33	0.9416	0.9838	0.9997
Modal	34	0.9416	0.9839	0.9997
Modal	35	0.9416	0.984	0.9997
Modal	36	0.9416	0.9841	0.9997
Modal	37	0.9416	0.9845	0.9997
Modal	38	0.9416	0.9847	0.9997
Modal	39	0.9416	0.9865	0.9997
Modal	40	0.9513	0.9865	0.9998
Modal	41	0.9518	0.9865	0.9999
Modal	42	0.952	0.9938	0.9999
Modal	43	0.9524	0.9939	0.9999
Modal	44	0.9524	0.9939	0.9999
Modal	45	0.9529	0.9939	0.9999
Modal	46	0.9908	0.9941	0.9999
Modal	47	0.9948	0.9941	0.9999
Modal	48	0.9948	0.9941	0.9999
Modal	49	0.995	0.9942	0.9999
Modal	50	0.995	0.9943	0.9999
Modal	51	0.9951	0.9943	0.9999
Modal	52	0.9951	0.9944	0.9999
Modal	53	0.9951	0.9946	0.9999
Modal	54	0.9951	0.9947	0.9999
Modal	55	0.9951	0.9951	0.9999
Modal	56	0.9951	0.9951	0.9999
Modal	57	0.9951	0.9951	0.9999
Modal	58	0.9951	0.9951	0.9999
Modal	59	0.9951	0.9951	0.9999
Modal	60	0.9952	0.9951	0.9999

Table 3.6 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	100	99.99
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	0.322	0.99	0.003	0	0.008
Modal	2	0.298	0.003	0.834	0	0.162
Modal	3	0.28	0.976	0.012	0	0.012
Modal	4	0.255	0.899	0.008	0	0.093
Modal	5	0.23	0.005	0.327	0	0.668
Modal	6	0.221	0.783	0	0	0.217
Modal	7	0.13	0.023	0.004	0	0.973
Modal	8	0.126	0.014	0.012	0	0.974
Modal	9	0.115	0.014	0.163	0	0.823
Modal	10	0.107	0.011	0.057	0	0.932
Modal	11	0.106	0.211	0.124	0	0.665
Modal	12	0.09	0.013	0.009	0	0.978
Modal	13	0.084	0.052	0.275	0	0.674
Modal	14	0.071	0.05	0.643	0	0.308
Modal	15	0.069	0.03	0.03	0	0.941
Modal	16	0.063	0.012	0.022	0	0.966
Modal	17	0.062	0.012	0.019	0	0.969
Modal	18	0.058	0.002	0.176	0	0.822
Modal	19	0.057	0.046	0.079	0	0.875
Modal	20	0.055	0	0.595	0	0.405
Modal	21	0.049	0.005	0.003	0	0.991
Modal	22	0.046	0	0.15	0	0.85
Modal	23	0.043	0.001	0.052	0	0.947
Modal	24	0.042	0.001	0.003	0	0.997
Modal	25	0.04	0.004	0.369	0	0.627
Modal	26	0.038	0.055	0.003	0	0.942
Modal	27	0.036	0.712	0	0	0.287
Modal	28	0.035	0.015	0	0	0.985
Modal	29	0.033	0.449	0	0	0.551
Modal	30	0.03	0.001	0	0	0.999
Modal	31	0.03	0	0	0	0.999
Modal	32	0.029	0.058	0	0	0.942
Modal	33	0.026	0	0	0	1
Modal	34	0.026	0.002	0	0	0.997
Modal	35	0.025	0.003	0	0	0.997
Modal	36	0.025	0	0	0	1
Modal	37	0.025	0.001	0	0	0.999
Modal	38	0.024	0.028	0.001	0	0.971
Modal	39	0.022	0	0	0	1
Modal	40	0.022	0.001	0.12	0	0.879
Modal	41	0.02	0.004	0.003	0	0.993
Modal	42	0.02	0.023	0.001	0	0.976
Modal	43	0.019	0	0.003	0	0.997
Modal	44	0.019	0	0	0	1
Modal	45	0.018	0	0.003	0	0.997
Modal	46	0.018	0	0.086	0	0.913
Modal	47	0.017	0	0.061	0	0.939
Modal	48	0.017	0.001	0.026	0	0.973
Modal	49	0.017	0.001	0.007	0	0.993
Modal	50	0.016	0.206	0.168	0	0.626

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	51	0.016	0.003	0.003	0	0.994
Modal	52	0.016	0.029	0.08	0	0.891
Modal	53	0.016	0.03	0.001	0	0.969
Modal	54	0.015	0.013	0	0	0.987
Modal	55	0.014	0.01	0	0	0.99
Modal	56	0.014	0	0.004	0	0.995
Modal	57	0.013	0	0.033	0	0.967
Modal	58	0.013	0.002	0.001	0	0.997
Modal	59	0.012	0.002	0	0	0.998
Modal	60	0.012	0.001	0.225	0	0.773