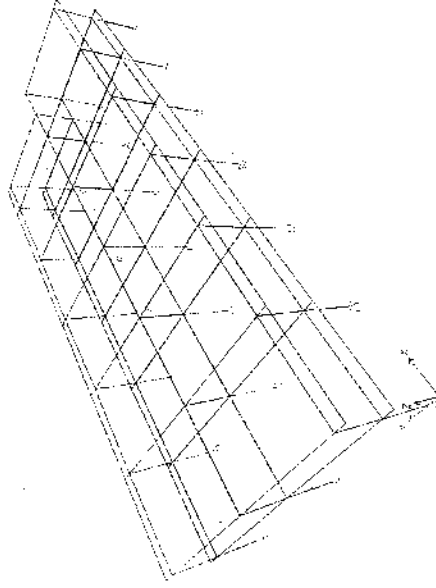




Reforzamiento

Verificación y reforzamiento primer bloque

Model File: Bloque edificio principal - Rectangular reforzado V2.1, Revision 0

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1 Structure Data

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

1.1 Story Data

Table 1.1 - Story Data					
Name	Height mm	Elevation mm	Master Story	Similar To	Splice Story
Story2	3100	7000	Yes	None	No
Story1	3700	3700	No	None	No
Base	0	0	No	None	No

1.2 Grid Data

Table 1.2 - Grid Systems					
Name	Type	Story Range	X Origin m	Y Origin m	Rotation deg
G1	Cartesian	Default	0	0	0

Table 1.3 - Grid Lines					
Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate m
G1	X	1	Yes	End	0
G1	X	8	Yes	End	6
G1	X	9	Yes	End	12
G1	X	10	Yes	End	18
G1	X	11	Yes	End	24
G1	X	12	Yes	End	30
G1	X	13	Yes	End	33
G1	X	14	Yes	End	36
G1	Y	1	Yes	None	0
G1	Y	7	Yes	Start	0.75
G1	Y	8	Yes	None	3.25
G1	Y	9	Yes	None	5.75
G1	Y	10	Yes	None	8.25
G1	Y	11	Yes	Start	8.25
G1	Y	12	Yes	None	-0.75
G1	Y	13	Yes	None	13.25
G1	Y	14	Yes	Start	-5.75
G1	Y	15	Yes	None	16.5

1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data			
Label	X mm	Y mm	ΔZ Below mm
1	0	16500	0
2	0	0	0
3	8000	0	0
4	8000	16500	0
5	12000	0	0
6	12000	16500	0
7	18000	0	0
8	18000	16500	0

Label	X mm	Y mm	ΔZ Below mm
9	24000	0	0
10	24000	16500	0
11	30000	0	0
12	30000	16500	0
13	33000	8250	0
14	33000	16500	0
15	36000	0	0
16	36000	8250	0
17	0	15750	0
18	33000	15750	0
19	0	750	0
20	36000	750	0
21	0	8250	0
22	6000	750	0
23	12000	750	0
24	18000	750	0
25	24000	750	0
26	30000	750	0
27	36000	750	0
28	0	8250	0
29	6000	8250	0
30	12000	8250	0
31	18000	8250	0
32	24000	8250	0
33	30000	8250	0
34	36000	8250	0
35	12000	15750	0
36	18000	15750	0
37	24000	15750	0
38	30000	15750	0
39	36000	15750	0
40	0	1500	0
41	6000	2250	0
42	12000	2250	0
43	18000	2250	0
44	24000	2250	0
45	30000	2250	0
46	36000	2250	0
47	0	3750	0
48	6000	3750	0
49	12000	3750	0
50	18000	3750	0
51	24000	3750	0
52	30000	3750	0
53	36000	3750	0
54	0	7500	0
55	6000	7500	0
56	12000	7500	0
57	18000	7500	0
58	24000	7500	0
59	30000	7500	0
60	36000	7500	0
61	0	15000	0
62	6000	15000	0
63	12000	15000	0
64	18000	15000	0

Structure Data

Structure Data

Label	X mm	Y mm	ΔZ Below mm	Label	X mm	Y mm	ΔZ Below mm
65	18000	1500	0	123	24000	9750	0
66	18000	2250	0	130	24000	10500	0
67	18000	3000	0	131	24000	11250	0
68	18000	3750	0	132	24000	12000	0
69	18000	4500	0	133	24000	12750	0
70	18000	5250	0	134	24000	13500	0
71	18000	6000	0	135	24000	14250	0
72	18000	6750	0	136	24000	15000	0
73	18000	7500	0	137	18000	9000	0
74	24000	1500	0	138	18000	9750	0
75	24000	2250	0	139	18000	10500	0
76	24000	3000	0	140	18000	11250	0
77	24000	3750	0	141	18000	12000	0
78	24000	4500	0	142	18000	12750	0
79	24000	5250	0	143	18000	13500	0
80	24000	6000	0	144	18000	14250	0
81	24000	6750	0	145	18000	15000	0
82	24000	7500	0	146	12000	9000	0
83	30000	1500	0	147	12000	9750	0
84	30000	2250	0	148	12000	10500	0
85	30000	3000	0	149	12000	11250	0
86	30000	3750	0	150	12000	12000	0
87	30000	4500	0	151	12000	12750	0
88	30000	5250	0	152	12000	13500	0
89	30000	6000	0	153	12000	14250	0
90	30000	6750	0	154	12000	15000	0
91	30000	7500	0	155	6000	9000	0
101	36000	1500	0	156	6000	9750	0
102	36000	2250	0	157	6000	10500	0
103	36000	3000	0	158	6000	11250	0
104	36000	3750	0	159	6000	12000	0
105	36000	4500	0	160	6000	12750	0
106	36000	5250	0	161	6000	13500	0
107	36000	6000	0	162	6000	14250	0
108	36000	6750	0	163	6000	15000	0
109	36000	7500	0	164	0	9000	0
110	33000	9000	0	165	0	9750	0
111	33000	9000	0	166	0	10500	0
112	33000	9750	0	167	0	11250	0
113	33000	9750	0	168	0	12000	0
114	33000	10500	0	169	0	12750	0
115	33000	10500	0	170	0	13500	0
116	33000	11250	0	171	0	14250	0
117	33000	11250	0	172	0	15000	0
118	33000	12000	0	39	0	6250	0
119	30000	12000	0	93	36000	6250	0
120	33000	12750	0	92	6000	5750	0
121	30000	12750	0	94	6000	10750	0
122	33000	13500	0	85	12000	5750	0
123	30000	13500	0	99	12000	10750	0
124	33000	14250	0	100	18000	5750	0
125	30000	14250	0	173	18000	10750	0
126	33000	15000	0	174	24000	5750	0
127	30000	15000	0	175	24000	10750	0
128	24000	9000	0	176	30000	5750	0

Label	X mm	Y mm	AZ Below mm
177	30000	10750	0
96	6000	3250	0
97	6000	13250	0
98	12000	13250	0
181	12000	3250	0
182	18000	3250	0
183	19000	13250	0
184	24000	3250	0
185	24000	13250	0
186	30000	3250	0
187	30000	13250	0

1.4 Line Connectivity

Table 1.5 - Column Connectivity Data

Column	I-End Point	J-End Point	Story
C1	19	19	Below
C2	22	22	Below
C3	23	23	Below
C4	24	24	Below
C5	25	25	Below
C6	26	26	Below
C8	20	20	Below
C9	21	21	Below
C10	29	29	Below
C11	30	30	Below
C12	31	31	Below
C13	32	32	Below
C14	33	33	Below
C15	13	13	Below
C16	16	16	Below
C17	17	17	Below
C18	34	34	Below
C19	35	35	Below
C20	36	36	Below
C21	37	37	Below
C22	38	38	Below
C23	18	18	Below

Table 1.6 - Beam Connectivity Data

Beam	I-End Point	J-End Point	Curve Type
B12	13	16	None
B13	1	4	None
B14	4	6	None
B15	6	8	None
B16	8	10	None
B17	10	12	None
B18	12	14	None
B19	11	15	None
B20	9	11	None
B21	7	9	None
B22	5	7	None

Beam	I-End Point	J-End Point	Curve Type
B23	3	5	None
B24	2	3	None
B25	28	27	None
B26	41	40	None
B27	43	42	None
B28	45	44	None
B29	47	46	None
B30	48	48	None
B31	51	50	None
B32	53	52	None
B33	56	54	None
B34	27	56	None
B35	40	57	None
B36	42	55	None
B37	44	58	None
B38	46	60	None
B39	48	61	None
B40	50	62	None
B41	52	63	None
B42	54	64	None
B43	56	65	None
B44	57	66	None
B45	58	67	None
B46	59	68	None
B47	60	69	None
B48	61	70	None
B49	62	71	None
B50	83	72	None
B51	84	73	None
B52	65	74	None
B53	66	75	None
B54	67	76	None
B55	68	77	None
B56	69	78	None
B57	70	79	None
B58	71	80	None
B59	72	81	None
B60	73	82	None
B61	74	83	None
B62	75	84	None
B63	76	85	None
B64	77	86	None
B65	78	87	None
B66	79	88	None
B67	80	89	None
B68	81	90	None
B69	82	91	None
B70	111	110	None
B71	113	112	None
B72	115	114	None
B73	117	116	None
B74	118	117	None
B75	121	120	None
B76	123	122	None
B77	125	124	None
B78	127	126	None

Beam	I-End Point	J-End Point	Curve Type
B87	122	111	None
B88	129	112	None
B89	130	115	None
B90	131	117	None
B100	132	119	None
B101	133	121	None
B102	134	123	None
B103	135	125	None
B104	136	127	None
B105	137	128	None
B106	138	129	None
B107	139	130	None
B108	140	131	None
B109	141	132	None
B110	142	133	None
B111	143	134	None
B112	144	135	None
B113	145	136	None
B114	146	137	None
B115	147	138	None
B116	148	139	None
B117	149	140	None
B118	150	141	None
B119	151	142	None
B120	152	143	None
B121	153	144	None
B122	154	145	None
B123	155	146	None
B124	156	147	None
B125	157	148	None
B126	158	149	None
B127	159	150	None
B128	160	151	None
B129	161	152	None
B130	162	153	None
B131	163	154	None
B132	164	155	None
B133	165	156	None
B134	166	157	None
B135	167	158	None
B136	168	159	None
B137	169	160	None
B138	170	161	None
B139	171	162	None
B140	172	163	None
B141	173	164	None
B142	174	165	None
B143	175	166	None
B144	176	167	None
B145	177	168	None
B146	178	169	None
B147	179	170	None
B148	180	171	None
B149	181	172	None
B150	182	173	None
B151	183	174	None
B152	184	175	None
B153	185	176	None
B154	186	177	None
B155	187	178	None
B156	188	179	None
B157	189	180	None
B158	190	181	None
B159	191	182	None
B160	192	183	None
B161	193	184	None
B162	194	185	None
B163	195	186	None
B164	196	187	None
B165	197	188	None
B166	198	189	None
B167	199	190	None
B168	200	191	None
B169	201	192	None
B170	202	193	None
B171	203	194	None
B172	204	195	None
B173	205	196	None
B174	206	197	None
B175	207	198	None
B176	208	199	None
B177	209	200	None
B178	210	201	None
B179	211	202	None
B180	212	203	None
B181	213	204	None
B182	214	205	None
B183	215	206	None
B184	216	207	None
B185	217	208	None
B186	218	209	None
B187	219	210	None
B188	220	211	None
B189	221	212	None
B190	222	213	None
B191	223	214	None
B192	224	215	None
B193	225	216	None
B194	226	217	None
B195	227	218	None
B196	228	219	None
B197	229	220	None
B198	230	221	None
B199	231	222	None
B200	232	223	None
B201	233	224	None
B202	234	225	None
B203	235	226	None
B204	236	227	None
B205	237	228	None
B206	238	229	None
B207	239	230	None
B208	240	231	None
B209	241	232	None
B210	242	233	None
B211	243	234	None
B212	244	235	None
B213	245	236	None
B214	246	237	None
B215	247	238	None
B216	248	239	None
B217	249	240	None
B218	250	241	None
B219	251	242	None
B220	252	243	None
B221	253	244	None
B222	254	245	None
B223	255	246	None
B224	256	247	None
B225	257	248	None
B226	258	249	None
B227	259	250	None
B228	260	251	None
B229	261	252	None
B230	262	253	None
B231	263	254	None
B232	264	255	None
B233	265	256	None
B234	266	257	None
B235	267	258	None
B236	268	259	None
B237	269	260	None
B238	270	261	None
B239	271	262	None
B240	272	263	None
B241	273	264	None
B242	274	265	None
B243	275	266	None
B244	276	267	None
B245	277	268	None
B246	278	269	None
B247	279	270	None
B248	280	271	None
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B250	282	273	None
B251	283	274	None
B252	284	275	None
B253	285	276	None
B254	286	277	None
B255	287	278	None
B256	288	279	None
B257	289	280	None
B258	290	281	None
B259	291	282	None
B260	292	283	None
B261	293	284	None
B262	294	285	None
B263	295	286	None
B264	296	287	None
B265	297	288	None
B266	298	289	None
B267	299	290	None
B268	300	291	None
B269	301	292	None
B270	302	293	None
B271	303	294	None
B272	304	295	None
B273	305	296	None
B274	306	297	None
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B282	314	305	None
B283	315	306	None
B284	316	307	None
B285	317	308	None
B286	318	309	None
B287	319	310	None
B288	320	311	None
B289	321	312	None
B290	322	313	None
B291	323	314	None
B292	324	315	None
B293	325	316	None
B294	326	317	None
B295	327	318	None
B296	328	319	None
B297	329	320	None
B298	330	321	None
B299	331	322	None
B300	332	323	None
B301	333	324	None
B302	334	325	None
B303	335	326	None
B304	336	327	None
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B306	338	329	None
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B308	340	331	None
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B310	342	333	None
B311	343	334	None
B312	344	335	None
B313	345	336	None
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B318	350	341	None
B319	351	342	None
B320	352	343	None
B321	353	344	None
B322	354	345	None
B323	355	346	None
B324	356	347	None
B325	357	348	None
B326	358	349	None
B327	359	350	None
B328	360	351	None
B329	361	352	None
B330	362	353	None
B331	363	354	None
B332	364	355	None
B333	365	356	None
B334	366	357	None
B335	367	358	None
B336	368	359	None
B337	369	360	None
B338	370	361	None
B339	371	362	None
B340	372	363	None
B341	373	364	None
B342	374	365	None
B343	375	366	None
B344	376	367	None
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B347	379	370	None
B348	380	371	None
B349	381	372	None
B350	382	373	None
B351	383	374	None
B352	384	375	None
B353	385	376	None
B354	386	377	None
B355	387	378	None
B356	388	379	None
B357	389	380	None
B358	390	381	None
B359	391	382	None
B360	392	383	None
B361	393	384	None
B362	394	385	None
B363	395	386	None
B364	396	387	None
B365	397	388	None
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B367	399	390	None
B368	400	391	None
B369	401	392	None
B370	402	393	None
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B372	404	395	None
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B413	445	436	None
B414	446	437	None
B415	447	438	None
B416	448	439	None
B417	449	440	None
B418	450	441	None
B419	451	442	None
B420	452	443	None
B421	453	444	None
B422	454	445	None
B423	455	446	None
B424	456	447	None
B425	457	448	None
B426	458	449	None
B427	459	450	None
B428	460	451	None
B429	461	452	None
B430	462	453	None
B431	463	454	None
B432	464	455	None
B433	465	456	None
B434	466	457	None
B435	467	458	None
B436	468	459	None
B437	469	460	None
B438	470	461	None
B439	471	462	None
B440	472	463	None
B441	473	464	None
B442	474	465	None
B443	475	466	None
B444	476	467	None
B445	477	468	None
B446	478	469	None
B447	479	470	None
B448	480	471	None
B449	481	472	None
B450	482	473	None
B451	483	474	None
B452	484	475	None
B453	485	476	None
B454	486	477	None
B455	487	478	None
B456			

Beam	I-End Point	J-End Point	Curve Type
B3	94	97	None
B4	97	34	None
B5	99	98	None
B6	98	35	None
B7	23	181	None
B8	191	95	None
B9	24	182	None
B10	182	100	None
B11	173	183	None
B179	183	36	None
B180	25	184	None
B181	184	174	None
B182	175	185	None
B183	185	37	None
B184	26	186	None
B185	186	176	None
B186	177	187	None
B187	187	38	None

1.5 Area Connectivity

Table 1.7 - Floor Connectivity Data

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F3	4	1	1	17	None
		2	17	18	None
		3	18	14	None
		4	14	1	None
F4	4	1	19	2	None
		2	2	15	None
		3	15	20	None
		4	20	19	None
F5	4	1	21	13	None
		2	13	18	None
		3	18	17	None
		4	17	21	None
F1	4	1	21	39	None
		2	39	93	None
		3	93	18	None
		4	18	21	None
F6	4	1	19	20	None
		2	20	93	None
		3	93	39	None
		4	39	19	None

1.6 Mass

Table 1.8 - Mass Source

Name	Include Elements	Include Added Mass	Include Loads	Include Lateral	Include Vertical	Lump at Stories	Load Pattern	Multiplier
MsSrc1	No	No	Yes	Yes	Yes	Yes	Dead	1
MsSrc1	No	No	Yes	Yes	Yes	Yes	Live	0.3
MsSrc1	No	No	Yes	Yes	Yes	Com Additional	1	1

Table 1.9 - Centers of Mass and Rigidity

Story	Diaphragm	Mass X kg	Mass Y kg	XCM m	YCM m	Cumulative X kg	Cumulative Y kg	XCCM m	YCCM m	XCR m	YCR m
Story1	Placa Piso 1	373167.32	373167.32	17.4837	8.0866	373167.32	373167.32	17.4837	8.0866		
Story2	Piso 2	0	0	17.706	8.1065	0	0	0	0		

Table 1.10 - Mass Summary by Diaphragm

Story	Diaphragm	Mass X kg	Mass Y kg	Mass Moment of Inertia ton-m²	X Mass Center m	Y Mass Center m
Story2	Piso 2	0	0	0	17.706	8.1066
Story1	Placa Piso 1	373167.32	373167.32	50570.3457	17.4837	8.0866

Table 1.11 - Mass Summary by Story

Story	UX kg	UY kg	UZ kg
Story2	105655.59	105655.59	105655.59
Story1	373167.32	373167.32	373167.32
Base	19763.81	19763.81	19763.81

1.7 Groups

Table 1.12 - Group Definitions

Name	Color
All	Yellow
Viguetas Interiores	Blue
Puntos de deriva	Red

Table 1.13 - Group Assignments

Name	Object Type	Unique Name	Label	Story
Viguetas Interiores	Line	19	B25	Story1
Viguetas Interiores	Line	24	B26	Story1
Viguetas Interiores	Line	28	B27	Story1
Viguetas Interiores	Line	55	B28	Story1
Viguetas Interiores	Line	61	B29	Story1
Viguetas Interiores	Line	98	B30	Story1
Viguetas Interiores	Line	99	B31	Story1
Viguetas Interiores	Line	100	B32	Story1
Viguetas Interiores	Line	101	B33	Story1
Viguetas Interiores	Line	102	B34	Story1
Viguetas Interiores	Line	103	B35	Story1
Viguetas Interiores	Line	104	B36	Story1
Viguetas Interiores	Line	105	B37	Story1
Viguetas Interiores	Line	106	B38	Story1
Viguetas Interiores	Line	107	B39	Story1
Viguetas Interiores	Line	108	B40	Story1
Viguetas Interiores	Line	109	B41	Story1
Viguetas Interiores	Line	110	B42	Story1
Viguetas Interiores	Line	111	B43	Story1
Viguetas Interiores	Line	112	B44	Story1
Viguetas Interiores	Line	113	B45	Story1

Name	Object Type	Unique Name	Label	Story
Viguetas interiores	Line	114	B46	Story1
Viguetas interiores	Line	115	B47	Story1
Viguetas interiores	Line	116	B48	Story1
Viguetas interiores	Line	117	B49	Story1
Viguetas interiores	Line	118	B50	Story1
Viguetas interiores	Line	119	B51	Story1
Viguetas interiores	Line	120	B52	Story1
Viguetas interiores	Line	121	B53	Story1
Viguetas interiores	Line	122	B54	Story1
Viguetas interiores	Line	123	B55	Story1
Viguetas interiores	Line	124	B56	Story1
Viguetas interiores	Line	125	B57	Story1
Viguetas interiores	Line	126	B58	Story1
Viguetas interiores	Line	127	B59	Story1
Viguetas interiores	Line	128	B60	Story1
Viguetas interiores	Line	129	B61	Story1
Viguetas interiores	Line	130	B62	Story1
Viguetas interiores	Line	131	B63	Story1
Viguetas interiores	Line	132	B64	Story1
Viguetas interiores	Line	133	B65	Story1
Viguetas interiores	Line	134	B66	Story1
Viguetas interiores	Line	135	B67	Story1
Viguetas interiores	Line	136	B68	Story1
Viguetas interiores	Line	137	B69	Story1
Viguetas interiores	Line	138	B70	Story1
Viguetas interiores	Line	139	B71	Story1
Viguetas interiores	Line	140	B72	Story1
Viguetas interiores	Line	141	B73	Story1
Viguetas interiores	Line	142	B74	Story1
Viguetas interiores	Line	143	B75	Story1
Viguetas interiores	Line	144	B76	Story1
Viguetas interiores	Line	145	B77	Story1
Viguetas interiores	Line	146	B78	Story1
Viguetas interiores	Line	147	B79	Story1
Viguetas interiores	Line	148	B80	Story1
Viguetas interiores	Line	149	B81	Story1
Viguetas interiores	Line	150	B82	Story1
Viguetas interiores	Line	151	B83	Story1
Viguetas interiores	Line	152	B84	Story1
Viguetas interiores	Line	153	B85	Story1
Viguetas interiores	Line	154	B86	Story1
Viguetas interiores	Line	155	B87	Story1
Viguetas interiores	Line	156	B88	Story1
Viguetas interiores	Line	157	B89	Story1
Viguetas interiores	Line	158	B90	Story1
Viguetas interiores	Line	159	B91	Story1
Viguetas interiores	Line	160	B92	Story1
Viguetas interiores	Line	161	B93	Story1
Viguetas interiores	Line	162	B94	Story1
Viguetas interiores	Line	163	B95	Story1
Viguetas interiores	Line	164	B96	Story1
Viguetas interiores	Line	165	B97	Story1
Viguetas interiores	Line	166	B98	Story1
Viguetas interiores	Line	167	B99	Story1
Viguetas interiores	Line	168	B100	Story1
Viguetas interiores	Line	169	B101	Story1
Viguetas interiores	Line	170	B102	Story1
Viguetas interiores	Line	171	B103	Story1
Viguetas interiores	Line	172	B104	Story1
Viguetas interiores	Line	173	B105	Story1
Viguetas interiores	Line	174	B106	Story1
Viguetas interiores	Line	175	B107	Story1
Viguetas interiores	Line	176	B108	Story1
Viguetas interiores	Line	177	B109	Story1
Viguetas interiores	Line	178	B110	Story1

Name	Object Type	Unique Name	Label	Story
Viguetas interiores	Line	179	B111	Story1
Viguetas interiores	Line	180	B112	Story1
Viguetas interiores	Line	181	B113	Story1
Viguetas interiores	Line	182	B114	Story1
Viguetas interiores	Line	183	B115	Story1
Viguetas interiores	Line	184	B116	Story1
Viguetas interiores	Line	185	B117	Story1
Viguetas interiores	Line	186	B118	Story1
Viguetas interiores	Line	187	B119	Story1
Viguetas interiores	Line	188	B120	Story1
Viguetas interiores	Line	189	B121	Story1
Viguetas interiores	Line	190	B122	Story1
Viguetas interiores	Line	191	B123	Story1
Viguetas interiores	Line	192	B124	Story1
Viguetas interiores	Line	193	B125	Story1
Viguetas interiores	Line	194	B126	Story1
Viguetas interiores	Line	195	B127	Story1
Viguetas interiores	Line	196	B128	Story1
Viguetas interiores	Line	197	B129	Story1
Viguetas interiores	Line	198	B130	Story1
Viguetas interiores	Line	199	B131	Story1
Viguetas interiores	Line	200	B132	Story1
Viguetas interiores	Line	201	B133	Story1
Viguetas interiores	Line	202	B134	Story1
Viguetas interiores	Line	203	B135	Story1
Viguetas interiores	Line	204	B136	Story1
Viguetas interiores	Line	205	B137	Story1
Viguetas interiores	Line	206	B138	Story1
Viguetas interiores	Line	207	B139	Story1
Viguetas interiores	Line	208	B140	Story1
Viguetas interiores	Line	209	B141	Story1
Puntos de deriva	Point	13	13	Story1
Puntos de deriva	Point	16	16	Story1
Puntos de deriva	Point	17	17	Story1
Puntos de deriva	Point	18	18	Story1
Puntos de deriva	Point	19	19	Story1
Puntos de deriva	Point	20	20	Story1
Puntos de deriva	Point	21	21	Story1
Puntos de deriva	Point	24	22	Story1
Puntos de deriva	Point	26	23	Story1
Puntos de deriva	Point	28	24	Story1
Puntos de deriva	Point	30	25	Story1
Puntos de deriva	Point	32	26	Story1
Puntos de deriva	Point	36	19	Story2
Puntos de deriva	Point	37	22	Story2
Puntos de deriva	Point	38	23	Story2
Puntos de deriva	Point	42	25	Story2
Puntos de deriva	Point	43	26	Story2
Puntos de deriva	Point	45	20	Story2
Puntos de deriva	Point	54	21	Story2
Puntos de deriva	Point	55	29	Story2
Puntos de deriva	Point	56	30	Story2
Puntos de deriva	Point	57	31	Story2
Puntos de deriva	Point	58	32	Story2
Puntos de deriva	Point	59	33	Story2
Puntos de deriva	Point	60	13	Story2

Name	Object Type	Unique Name	Label	Story
Puntos de deriva	Point	61	16	Story2
Puntos de deriva	Point	62	29	Story1
Puntos de deriva	Point	63	30	Story1
Puntos de deriva	Point	64	31	Story1
Puntos de deriva	Point	65	32	Story1
Puntos de deriva	Point	66	33	Story1
Puntos de deriva	Point	75	17	Story2
Puntos de deriva	Point	76	34	Story2
Puntos de deriva	Point	77	35	Story2
Puntos de deriva	Point	78	36	Story2
Puntos de deriva	Point	79	37	Story2
Puntos de deriva	Point	80	38	Story2
Puntos de deriva	Point	81	18	Story2
Puntos de deriva	Point	83	34	Story1
Puntos de deriva	Point	84	35	Story1
Puntos de deriva	Point	85	36	Story1
Puntos de deriva	Point	86	37	Story1
Puntos de deriva	Point	97	38	Story1

2 Properties

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

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E MPa	ν	Weight kN/m ³	Design Strengths
23 Mpa x 0.8	Concrete	20160.75	0.2	23.5631	F _c =18.4 MPa
24.5 MPa	Concrete	23263.51	0.2	23.5631	F _c =24.5 MPa
3000 psi x0.8	Concrete	21538.11	0.2	23.5631	F _c =16.8 MPa
3000Psi	Concrete	21538.11	0.2	24	F _c =20.68 MPa
4000Psi	Concrete	24870.06	0.2	23.5631	F _c =27.5 MPa
A416G270	Tendon	196500.6	0	76.9729	F _y =168.91 MPa, F _u =1961.58 MPa
A706G60	Rebar	199947.88	0	76.9729	F _y =413.68 MPa, F _u =531.88 MPa
A706S60x0.8	Rebar	199947.88	0	76.9729	F _y =335 MPa, F _u =441.26 MPa
Acerio A37	Rebar	196947.88	0.3	76.9729	F _y =235 MPa, F _u =382 MPa

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
Col Comp 30x30	4000Psi	SD Section
Col Comp 45x45	4000Psi	SD Section
Vg 30x40	23 Mpa x 0.8	Concrete Rectangular
Vg 40x20	23 Mpa x 0.8	Concrete Rectangular
Vg 40x45	23 Mpa x 0.8	Concrete Rectangular
Viga Comp 45x50	24.5 MPa	Concrete Rectangular
Vaquei 40x13	3000 psi x0.8	Concrete Rectangular

2.3 Shell Sections

Table 2.3 - Shell Sections - Summary

Name	Design Type	Element Type	Material	Total Thickness mm
Placa 5 cm	Slab	Membrane	3000Psi	50

2.4 Reinforcement Sizes

Table 2.4 - Reinforcing Bar Sizes

Name	Diameter mm	Area cm ²
10	10	0.8
18	18	2.5
20	20	3.1

3 Assignments

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

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
Story2	1	90	Piso 2	
Story2	2	88	Piso 2	
Story2	3	91	Piso 2	
Story2	4	92	Piso 2	
Story2	5	93	Piso 2	
Story2	6	94	Piso 2	
Story2	7	95	Piso 2	
Story2	8	96	Piso 2	
Story2	9	97	Piso 2	
Story2	10	98	Piso 2	
Story2	11	99	Piso 2	
Story2	12	100	Piso 2	
Story2	13	60	Piso 2	
Story2	14	101	Piso 2	
Story2	15	102	Piso 2	
Story2	16	61	Piso 2	
Story2	17	75	Piso 2	
Story2	18	81	Piso 2	
Story2	19	36	Piso 2	
Story2	20	45	Piso 2	
Story2	21	54	Piso 2	
Story2	22	37	Piso 2	
Story2	23	38	Piso 2	
Story2	24	41	Piso 2	
Story2	25	42	Piso 2	
Story2	26	43	Piso 2	
Story2	29	55	Piso 2	
Story2	30	56	Piso 2	
Story2	31	57	Piso 2	
Story2	32	58	Piso 2	
Story2	33	59	Piso 2	
Story2	34	76	Piso 2	
Story2	35	77	Piso 2	
Story2	36	78	Piso 2	
Story2	37	79	Piso 2	
Story1	1	1	Piso 1	
Story1	2	2	Piso 1	
Story1	3	3	Piso 1	
Story1	4	4	Piso 1	
Story1	5	5	Piso 1	
Story1	6	6	Piso 1	
Story1	7	7	Piso 1	
Story1	8	8	Piso 1	
Story1	9	9	Piso 1	
Story1	10	10	Piso 1	
Story1	11	11	Piso 1	
Story1	12	12	Piso 1	
Story1	13	13	Piso 1	

Story	Label	Unique Name	Diaphragm	Restraints
Story1	14	14	Piso Piso 1	
Story1	15	15	Piso Piso 1	
Story1	16	16	Piso Piso 1	
Story1	17	17	Piso Piso 1	
Story1	18	18	Piso Piso 1	
Story1	19	19	Piso Piso 1	
Story1	20	20	Piso Piso 1	
Story1	21	21	Piso Piso 1	
Story1	22	24	Piso Piso 1	
Story1	23	26	Piso Piso 1	
Story1	24	28	Piso Piso 1	
Story1	25	30	Piso Piso 1	
Story1	26	32	Piso Piso 1	
Story1	29	62	Piso Piso 1	
Story1	30	63	Piso Piso 1	
Story1	31	64	Piso Piso 1	
Story1	32	65	Piso Piso 1	
Story1	33	66	Piso Piso 1	
Story1	34	83	Piso Piso 1	
Story1	35	84	Piso Piso 1	
Story1	36	85	Piso Piso 1	
Story1	37	86	Piso Piso 1	
Story1	38	87	Piso Piso 1	
Story1	27	33	Piso Piso 1	
Story1	28	34	Piso Piso 1	
Story1	40	39	Piso Piso 1	
Story1	41	40	Piso Piso 1	
Story1	42	44	Piso Piso 1	
Story1	43	74	Piso Piso 1	
Story1	44	88	Piso Piso 1	
Story1	45	103	Piso Piso 1	
Story1	46	104	Piso Piso 1	
Story1	47	105	Piso Piso 1	
Story1	48	106	Piso Piso 1	
Story1	49	107	Piso Piso 1	
Story1	50	108	Piso Piso 1	
Story1	51	109	Piso Piso 1	
Story1	52	110	Piso Piso 1	
Story1	53	111	Piso Piso 1	
Story1	54	112	Piso Piso 1	
Story1	55	113	Piso Piso 1	
Story1	56	114	Piso Piso 1	
Story1	57	115	Piso Piso 1	
Story1	58	116	Piso Piso 1	
Story1	59	117	Piso Piso 1	
Story1	60	118	Piso Piso 1	
Story1	61	119	Piso Piso 1	
Story1	62	120	Piso Piso 1	
Story1	63	121	Piso Piso 1	
Story1	64	122	Piso Piso 1	
Story1	65	123	Piso Piso 1	
Story1	66	124	Piso Piso 1	
Story1	67	125	Piso Piso 1	
Story1	68	126	Piso Piso 1	
Story1	69	127	Piso Piso 1	
Story1	70	128	Piso Piso 1	

Story	Label	Unique Name	Diaphragm	Restraints
Story1	71	129	Placa Piso 1	
Story1	72	130	Placa Piso 1	
Story1	73	131	Placa Piso 1	
Story1	74	132	Placa Piso 1	
Story1	75	133	Placa Piso 1	
Story1	76	134	Placa Piso 1	
Story1	77	135	Placa Piso 1	
Story1	78	136	Placa Piso 1	
Story1	79	137	Placa Piso 1	
Story1	80	138	Placa Piso 1	
Story1	81	139	Placa Piso 1	
Story1	82	140	Placa Piso 1	
Story1	83	141	Placa Piso 1	
Story1	84	142	Placa Piso 1	
Story1	85	143	Placa Piso 1	
Story1	86	144	Placa Piso 1	
Story1	87	145	Placa Piso 1	
Story1	88	146	Placa Piso 1	
Story1	89	147	Placa Piso 1	
Story1	90	148	Placa Piso 1	
Story1	91	149	Placa Piso 1	
Story1	101	150	Placa Piso 1	
Story1	102	151	Placa Piso 1	
Story1	103	152	Placa Piso 1	
Story1	104	153	Placa Piso 1	
Story1	105	154	Placa Piso 1	
Story1	106	155	Placa Piso 1	
Story1	107	156	Placa Piso 1	
Story1	108	157	Placa Piso 1	
Story1	109	158	Placa Piso 1	
Story1	110	159	Placa Piso 1	
Story1	111	160	Placa Piso 1	
Story1	112	161	Placa Piso 1	
Story1	113	162	Placa Piso 1	
Story1	114	163	Placa Piso 1	
Story1	115	164	Placa Piso 1	
Story1	116	165	Placa Piso 1	
Story1	117	166	Placa Piso 1	
Story1	118	167	Placa Piso 1	
Story1	119	168	Placa Piso 1	
Story1	120	169	Placa Piso 1	
Story1	121	170	Placa Piso 1	
Story1	122	171	Placa Piso 1	
Story1	123	172	Placa Piso 1	
Story1	124	173	Placa Piso 1	
Story1	125	174	Placa Piso 1	
Story1	126	175	Placa Piso 1	
Story1	127	176	Placa Piso 1	
Story1	128	177	Placa Piso 1	
Story1	129	178	Placa Piso 1	
Story1	130	179	Placa Piso 1	
Story1	131	180	Placa Piso 1	
Story1	132	181	Placa Piso 1	
Story1	133	182	Placa Piso 1	
Story1	134	183	Placa Piso 1	
Story1	135	184	Placa Piso 1	

Story	Label	Unique Name	Diaphragm	Restraints
Story1	136	185	Placa Piso 1	
Story1	137	186	Placa Piso 1	
Story1	138	187	Placa Piso 1	
Story1	139	188	Placa Piso 1	
Story1	140	189	Placa Piso 1	
Story1	141	190	Placa Piso 1	
Story1	142	191	Placa Piso 1	
Story1	143	192	Placa Piso 1	
Story1	144	193	Placa Piso 1	
Story1	145	194	Placa Piso 1	
Story1	146	195	Placa Piso 1	
Story1	147	196	Placa Piso 1	
Story1	148	197	Placa Piso 1	
Story1	149	198	Placa Piso 1	
Story1	150	199	Placa Piso 1	
Story1	151	200	Placa Piso 1	
Story1	152	201	Placa Piso 1	
Story1	153	202	Placa Piso 1	
Story1	154	203	Placa Piso 1	
Story1	155	204	Placa Piso 1	
Story1	156	205	Placa Piso 1	
Story1	157	206	Placa Piso 1	
Story1	158	207	Placa Piso 1	
Story1	159	208	Placa Piso 1	
Story1	160	209	Placa Piso 1	
Story1	161	210	Placa Piso 1	
Story1	162	211	Placa Piso 1	
Story1	163	212	Placa Piso 1	
Story1	164	213	Placa Piso 1	
Story1	165	214	Placa Piso 1	
Story1	166	215	Placa Piso 1	
Story1	167	216	Placa Piso 1	
Story1	168	217	Placa Piso 1	
Story1	169	218	Placa Piso 1	
Story1	170	219	Placa Piso 1	
Story1	171	220	Placa Piso 1	
Story1	172	221	Placa Piso 1	
Story1	173	222	Placa Piso 1	
Story1	174	223	Placa Piso 1	
Story1	175	224	Placa Piso 1	
Story1	176	225	Placa Piso 1	
Story1	177	226	Placa Piso 1	
Story1	178	227	Placa Piso 1	
Story1	179	228	Placa Piso 1	
Story1	180	229	Placa Piso 1	
Story1	181	230	Placa Piso 1	
Story1	182	231	Placa Piso 1	
Story1	183	232	Placa Piso 1	
Story1	184	233	Placa Piso 1	
Story1	185	234	Placa Piso 1	
Story1	186	235	Placa Piso 1	
Story1	187	236	Placa Piso 1	
Story1	188	237	Placa Piso 1	
Story1	189	238	Placa Piso 1	
Story1	190	239	Placa Piso 1	
Story1	191	240	Placa Piso 1	

Story	Label	Unique Name	Diaphragm	Restraints
Story1	185	241	Placa Piso 1	
Story1	186	242	Placa Piso 1	
Story1	187	243	Placa Piso 1	
Base	13	52	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	16	53	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	17	67	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	18	73	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	19	72	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	20	35	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	21	45	Placa P 90 1	UX, LY, UZ, RX, RY, RZ
Base	22	23	Placa P 90 1	UX, LY, UZ, RX, RY, RZ
Base	23	25	Placa P 90 1	UX, LY, UZ, RX, RY, RZ
Base	24	27	Placa P 90 1	UX, LY, UZ, RX, RY, RZ
Base	25	29	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	26	31	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	29	47	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	30	48	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	31	49	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	32	50	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	33	51	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	34	68	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	35	69	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	36	70	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	37	71	Placa Piso 1	UX, LY, UZ, RX, RY, RZ
Base	38	72	Placa Piso 1	UX, LY, UZ, RX, RY, RZ

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Max Station Spacing mm	Min Number Stations
Story2	C1	21	Column	3300	Col Comp 30x30	Col Comp 30x20		3
Story2	C2	22	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C3	23	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C4	25	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C5	26	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C6	27	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C8	28	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C9	38	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C10	39	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C11	40	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C12	41	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C13	42	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C14	43	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C15	44	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C16	45	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C17	54	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C18	55	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C19	56	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C20	57	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C21	58	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C22	59	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story2	C23	60	Column	3300	Col Comp 30x30	Col Comp 30x30		3
Story1	C1	13	Column	3700	Col Comp 45x45	Col Comp 45x45		3

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Max Station Spacing mm	Min Number Stations
Story1	C2	14	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C3	15	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C4	16	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C5	17	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C6	18	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C8	20	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C9	30	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C10	31	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C11	32	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C12	33	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C13	34	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C14	35	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C15	36	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C16	37	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C17	46	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C18	47	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C19	48	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C20	49	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C21	50	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C22	51	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story1	C23	52	Column	3700	Col Comp 45x45	Col Comp 45x45		3
Story2	B12	85	Beam	3000	Vig 30x60	Vig 30x40		3
Story2	B13	86	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B14	87	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B15	88	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B16	89	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B17	90	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B18	91	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B19	92	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B20	93	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B21	94	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B22	95	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B23	96	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B24	97	Beam	6000	Viguel 40x13	Viguel 40x13		500
Story2	B25	247	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B26	248	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B27	249	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B28	250	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B29	251	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B30	252	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B31	253	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B32	254	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B33	255	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B34	256	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B35	257	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B36	258	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B37	259	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B38	260	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B39	261	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B40	262	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B41	263	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B42	264	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B43	265	Beam	7500	Vig 40x20	Vig 40x20		500
Story2	B44	266	Beam	7500	Vig 40x20	Vig 40x20		500

Assignments

[illegible]

Assignments

[illegible]

Loads

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier	Auto Load
Dead	Dead	1	
Live	Live	0	
Other	Other	0	
Seismic X (PHE)	Seismic	0	User Loads
Seismic Y (PHE)	Seismic	0	User Loads

4.2 Applied Loads

4.2.1 Line Loads

Table 4.2 - Frame Loads - Distributed (Part 1 of 2)

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm
Story2	B71	248	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B72	249	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B73	252	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B76	253	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B79	256	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B80	257	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B83	260	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B84	261	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B87	264	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B151	265	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B155	268	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B157	271	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B160	274	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story1	B188	2	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B190	3	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B193	6	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B194	7	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B197	10	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B198	11	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B201	76	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B202	77	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B205	80	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B206	81	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B1	1	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B2	4	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B3	5	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B4	8	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B5	9	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B6	74	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B7	75	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B8	76	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B9	79	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B10	82	Beam	Cm Additional	Force	Gravity	0	1	0	2500

Loads

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier	Auto Load
Dead	Dead	1	
Live	Live	0	
Other	Other	0	
Seismic X (PHE)	Seismic	0	User Loads
Seismic Y (PHE)	Seismic	0	User Loads

4.2 Applied Loads

4.2.1 Line Loads

Table 4.2 - Frame Loads - Distributed (Part 1 of 2)

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm
Story2	B71	248	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B72	249	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B73	252	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B76	253	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B79	256	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B80	257	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B83	260	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B84	261	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B87	264	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B151	265	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B155	268	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B157	271	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story2	B160	274	Beam	Cm Additional	Force	Gravity	0	1	0	7500
Story1	B188	2	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B190	3	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B193	6	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B194	7	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B197	10	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B198	11	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B201	76	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B202	77	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B205	80	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B206	81	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B1	1	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B2	4	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B3	5	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B4	8	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B5	9	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B6	74	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B7	75	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B8	76	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B9	79	Beam	Cm Additional	Force	Gravity	0	1	0	2500
Story1	B10	82	Beam	Cm Additional	Force	Gravity	0	1	0	2500

Table 4.2 - Frame Loads - Distributed (Part 2 of 2)

Story	Label	Unique Name	Force at Start kN/m	Force at End kN/m
Story2	B71	248	0.84	0.84
Story2	B72	249	0.84	0.84
Story2	B73	252	1.68	1.68
Story2	B76	253	1.68	1.68
Story2	B79	256	1.68	1.68
Story2	B80	257	1.68	1.68
Story2	B83	260	1.68	1.68
Story2	B84	261	1.68	1.68
Story2	B87	264	1.68	1.68
Story2	B151	265	1.68	1.68
Story2	B155	268	1.68	1.68
Story2	B157	271	1.28	1.28
Story2	B160	274	0.84	0.84
Story1	B188	2	0.9	0.9
Story1	B190	3	0.9	0.9
Story1	B193	6	0.9	0.9
Story1	B194	7	0.9	0.9
Story1	B197	10	0.9	0.9
Story1	B198	11	0.9	0.9
Story1	B201	76	0.9	0.9
Story1	B202	77	0.9	0.9
Story1	B205	80	0.9	0.9
Story1	B206	81	0.9	0.9
Story1	B1	1	0.9	0.9
Story1	B2	4	0.9	0.9
Story1	B3	5	0.9	0.9
Story1	B4	8	0.9	0.9
Story1	B5	9	0.9	0.9
Story1	B6	74	0.9	0.9
Story1	B7	75	0.9	0.9
Story1	B8	76	0.9	0.9
Story1	B9	79	0.9	0.9
Story1	B10	82	0.9	0.9
Story1	B11	83	0.9	0.9
Story1	B179	84	0.9	0.9
Story1	B180	152	0.9	0.9

4.2.2 Area Loads

Table 4.3 - Shell Loads - Uniform

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
Story1	F5	1	Live	Gravity	2
	F1	4	Live	Gravity	3
	F6	5	Live	Gravity	2
Story2	F5	1	Cm Additional	Gravity	1.25
	F1	4	Cm Additional	Gravity	1.25
	F6	5	Cm Additional	Gravity	1.25

4.3 Load Cases

Table 4.4 - Load Cases - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
Can Additional	Linear Static
Can Additional	Response Spectrum
Slomo X (Diagn)	Response Spectrum
Slomo Y (Diagn)	Response Spectrum
Slomo X (F+E)	Linear Static
Slomo Y (F+E)	Linear Static

4.4 Load Combinations

Table 4.5 • Load Combinations

[illegible]

5 Analysis Results

This chapter provides analysis results.

5.1 Structure Results

Load Case/Combo

Name

Scale Factor

Type

Auto

(Flex) 1.2D + 1L - 0.3Ex + Ey

Dead

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Cm Additional

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Live

-0.3

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo X/R

1

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo Y/R

1

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Dead

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Cm Additional

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Live

1

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo X/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo Y/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Dead

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Cm Additional

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Live

1

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo X/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo Y/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Dead

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Cm Additional

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Live

1

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo X/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo Y/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Dead

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Cm Additional

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Live

1

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo X/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex + Ey

Sismo Y/R

0.3

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Dead

1.2

Linear Add

No

(Flex) 1.2D + 1L - 0.3Ex - Ey

Cm Additional

1.2

Linear Add

No

(Flex) 1.2D + 1L - Ex - 0.3Ey

Live

1

No

(Flex) 1.2D + 1L - Ex - 0.3Ey

Sismo X/R

-0.3

No

(Flex) 1.2D + 1L - Ex - 0.3Ey

Sismo Y/R

-0.3

No

(Flex) 1.2D + 1L - Ex - 0.3Ey

Dead

1.4

Linear Add

No

(Flex) 1.4D

Cm Additional

1.4

Linear Add

No

Table 5.1 - Base Reactions

Load Case/Combo	FX kN	FY kN	FZ kN	MX kNm	MY kNm	MZ kNm	X m	Y m	Z m
Dead	0	0	3411.5565	27710.8762	-56096.8505	0	0	0	0
Live	0	0	1521.48	12167.45	-26893.32	0	0	0	0
Cm Additional	0	0	1021.485	8297.9925	-17848.1475	0	0	0	0
Sismo X (Dnam) Max	4008.6245	78.8622	2.2461	398.9185	19945.2209	32314.1961	0	0	0
Sismo Y (Dnam) Max	78.9622	396.9185	14.6355	17898.6254	567.5814	60005.3326	0	0	0
Sismo X (FHE) Max	-4133.7	0	0	0	-20278.68	38939.4917	0	0	0
Sismo Y (FHE) Max	0	-4133.7	0	0	20278.68	-80064.0627	0	0	0
(Cm 1) D + L	0	0	5954.5045	45176.3287	-104638.648	0	0	0	0
Sismo X/R Max	601.7249	15.7724	0.4482	79.3837	3993.0442	6162.8392	0	0	0
Sismo Y/R Max	-801.7249	-15.7724	-0.4482	-79.3837	-3993.0442	-6162.8392	0	0	0
Sismo X/R Min	15.7724	728.6109	2.9311	3579.7251	105.5183	12001.0765	0	0	0
Sismo Y/R Min	-15.7724	-728.6109	-2.9311	-3579.7251	-105.5183	-12001.0765	0	0	0
(Cm 2) D + L + Ev/R Min	801.7249	15.7724	5954.9507	45255.7124	-100846.8038	6462.8392	0	0	0
(Cm 2) D + L + Ev/R Max	-801.7249	-15.7724	-5954.9507	-45255.7124	100846.8038	-6462.8392	0	0	0
(Cm 3) D + L - Ev/R Max	801.7249	15.7724	5951.9507	45255.7124	-100649.8039	6462.8392	0	0	0
(Cm 3) D + L - Ev/R Min	-801.7249	-15.7724	-5954.9507	-45255.7124	100649.8039	-6462.8392	0	0	0
(Cm 4) D + L + Ev/R Max	15.7724	728.6109	5957.4326	51756.0538	-104528.3318	12001.0765	0	0	0
(Cm 4) D + L + Ev/R Min	-15.7724	-728.6109	-5957.4326	-51756.0538	104528.3318	-12001.0765	0	0	0
(Cm 5) D + L + Ev/R Max	15.7724	728.6109	5957.4326	51756.0538	-104528.3318	12001.0765	0	0	0
(Cm 5) D + L + Ev/R Min	-15.7724	-728.6109	-5957.4326	-51756.0538	104528.3318	-12001.0765	0	0	0
(Diriv FHE) Ev + 0.3E1	-4133.7	1240.11	0	6083.604	-20278.68	12811.2729	0	0	0
(Diriv FHE) Ev + 0.3E2	4133.7	1240.11	0	-6083.604	20278.68	-60967.7105	0	0	0
(Diriv FHE) Ev + 0.3E3	1240.11	-4133.7	0	20278.68	-6083.604	-89072.2152	0	0	0
(Diriv FHE) Ev + 0.3E4	-1240.11	4133.7	0	-20278.68	6083.604	91175.9102	0	0	0
(Diriv Dnam) Ev - 0.3E1 Max	4032.2831	-171.7786	0.6427	5766.5062	20109.4353	53315.8109	0	0	0
(Diriv Dnam) Ev - 0.3E1 Min	-4032.2831	171.7786	-0.6427	-5766.5062	-20109.4353	-53315.8109	0	0	0
(Diriv Dnam) Ev - 0.3E2 Max	4032.2831	-171.7786	0.6427	5766.5062	20109.4353	53315.8109	0	0	0
(Diriv Dnam) Ev - 0.3E2 Min	-4032.2831	171.7786	-0.6427	-5766.5062	-20109.4353	-53315.8109	0	0	0
(Diriv Dnam) Ev - 0.3E3 Max	1281.4485	3666.7134	15.3293	18017.701	8531.1476	56939.6414	0	0	0
(Diriv Dnam) Ev - 0.3E3 Min	-1281.4485	-3666.7134	-15.3293	-18017.701	-8531.1476	-56939.6414	0	0	0
(Diriv Dnam) Ev - 0.3E4 Max	1281.4485	3666.7134	15.3293	18017.701	8531.1476	56939.6414	0	0	0
(Diriv Dnam) Ev - 0.3E4 Min	-1281.4485	-3666.7134	-15.3293	-18017.701	-8531.1476	-56939.6414	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-68944.2957	13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Max	-255.2899	-733.3427	-3992.7852	-36011.522	68944.2957	-13939.9293	0	0	0
(Flex) 0.9D - 0.1E + 0.3E1 + Ev Min	255.2899	733.3427	3992.7852	36011.522	-6894				

Table 5.2 - Centers of Mass and Rigidity										Table 5.3 - Diaphragm Center of Mass Displacements									
Story	Diaphragm	Mass X	Mass Y	XCM	YCM	X	Y	XCR	YCR	Story	Diaphragm	Load Case/Combo	UX	UY	RZ	Point	X	Y	
		kg	kg	m	m	m	m	m	m				mm	mm	rad		m	m	
Story1	Placa Piso 1	373167.32	373167.32	17.4837	8.1365	0	0	0	0	Story1	Placa Piso 1	Dead	0.042	0.002	-1E-06	82	17.736	8.1365	
Story2	Placa Piso 2	0	0	17.736	8.1365	0	0	0	0	Story2	Placa Piso 2	Live	0.01	-0.09	-9.01E-08	82	17.736	8.1365	
										Table 5.3 - Diaphragm Center of Mass Displacements									
Story	Diaphragm	Load Case/Combo	UX	UY	RZ	Point	X	Y	Z										
Story2	Placa Piso 2	Dead	0.042	0.002	-1E-06	82	17.736	8.1365	7										
Story2	Placa Piso 2	Live	0.01	-0.09	-9.01E-08	82	17.736	8.1365	7										
Story2	Placa Piso 2	Cm Additional	0.002	0.004	3.47E-07	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo X (Diarm) Max	40.578	1.244	0.000437	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo Y (Diarm) Max	0.826	31.413	0.000349	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo X (FHE)	62.363	9.605	-0.003206	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo Y (FHE)	8.908	113.513	0.078136	82	17.736	8.1365	7										
Story2	Placa Piso 2	(Cim 1) D + L	0.054	-0.093	-1E-06	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo X/R Max	6.116	0.249	8.7E-05	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo X/R Min	-8.116	-0.249	-8.7E-06	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo Y/R Max	0.165	10.283	0.000119	82	17.736	8.1365	7										
Story2	Placa Piso 2	Slomo Y/R Min	-0.165	-10.283	-0.000119	82	17.736	8.1365	7										
Story2	Placa Piso 2	(Cim 2) D + L + Ey/R Max	8.169	0.156	8.7E-05	82	17.736	8.1365	7										
Story2	Placa Piso 2	(Cim 2) D + L + Ey/R Min	-8.082	-0.162	-8.8E-05	82	17.736	8.1365	7										
Story2	Placa Piso 2	(Cim 3) D + L + Ey/R Max	0.156	8.7E-05	8.7E-05	82	17.736	8.1365	7										
Story2	Placa Piso 2	(Cim 3) D + L + Ey/R Min	-0.162	-0.162	-8.8E-05	82	17.736	8.1365	7										
Story2	Placa Piso 2	(Cim 4) D + L + Ey/R Max	0.210	10.189	0.000189	82	17.736	8.1365	7										
Story2	Placa Piso 2	(Cim 4) D + L + Ey/R Min	-0.112	-10.376	-0.000519	82	17.736	8.1365	7										

Analysis Results

Story	Diaphragm	Load Case/Combo	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
Story1	Placa Piso 1	Sismo X/R Max	3.16	0.57	2.4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	Sismo X/R Min	-3.16	-0.57	-2.4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	Sismo Y/R Max	3.286	5.2E-05	5.2E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	Sismo Y/R Min	-0.066	-5.2E-05	-5.2E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.2) D + L + Ey/R Max	3.784	0.022	2.4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.2) D + L + Ey/R Min	-3.135	-0.063	-2.5E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.3) D + L + Ey/R Max	3.184	0.022	2.4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.3) D + L + Ey/R Min	-3.135	-0.093	-2.5E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.4) D + L + Ey/R Max	0.091	3.231	5.2E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.4) D + L + Ey/R Min	-0.042	-3.302	-5.2E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.5) D + L + Ey/R Max	0.391	3.231	5.2E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Cm.5) D + L + Ey/R Min	-0.449	-3.302	-5.2E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv FHE) Ex + 0.3EY	16.185	5.402	-9E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv FHE) Ex + 0.3EY	-16.166	-5.271	-9.4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv FHE) Sy + 0.3EX	4.884	17.808	9.8E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv FHE) Sy - 0.3EX	-4.821	-17.768	-0.000126	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ex - 0.3EY Max	15.898	5.166	0.000201	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ex - 0.3EY Min	-15.898	-5.166	-0.000201	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ex + 0.3EY Max	15.898	5.166	0.000201	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ex + 0.3EY Min	-15.898	-5.166	-0.000201	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ey + 0.3EX Max	5.071	16.418	0.000269	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ey + 0.3EX Min	-5.071	-16.418	-0.000269	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ey - 0.3EX Max	5.071	16.418	0.000269	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Deriv Dnam) Ey - 0.3EX Min	-5.071	-16.418	-0.000269	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX + Ey Max	1.03	3.268	6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX + Ey Min	-0.999	-3.279	-6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX - Ey Max	1.03	3.268	6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX - Ey Min	-0.999	-3.279	-6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX + Ey Max	3.164	-1.033	4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX + Ey Min	-3.164	-1.033	-4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX - Ey Max	3.164	-1.033	4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 0.0D - 0.3EX - Ey Min	-3.164	-1.033	-4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - 0.3EX + Ey Max	0.032	-0.059	-1.814E-07	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - 0.3EX + Ey Min	1.042	3.249	6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - 0.3EX - Ey Max	-0.987	-3.318	-6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - 0.3EX - Ey Min	1.042	3.249	6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L + 0.3EX + Ey Max	-0.987	-3.318	-6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L + 0.3EX + Ey Min	1.042	3.249	6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L + 0.3EX - Ey Max	-0.987	-3.318	-6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L + 0.3EX - Ey Min	1.042	3.249	6E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - Ex + 0.3EY Max	3.207	1.003	4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - Ex + 0.3EY Min	-3.152	-1.072	-4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - Ex + 0.3EY Max	3.207	1.003	4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - Ex + 0.3EY Min	-3.152	-1.072	-4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - Ex + 0.3EY Max	3.207	1.003	4E-05	150	17.4837	8.0966	3.7
Story1	Placa Piso 1	(Flex) 1.2D + 1L - Ex + 0.3EY Min	-3.152	-1.072	-4E-05	150	17.4837	8.0966	3.7

5.2 Story Results

Table 5.4 - Story Max/Avg Displacements

Story	Load Case/Combo	Direction	Maximum mm	Average mm	Ratio
Story2	Dead	X	0.075	0.037	2.012
Story2	Dead	-Y	0.074	0.022	3.334
Story2	Dead	Y	0.016	0.014	1.137
Story1	Doad	X	0.007	0.002	3.348
Story2	Live	X	0.02	0.01	1.902
Story2	Live	Y	0.114	0.092	1.24
Story1	Live	X	0.008	0.007	1.047
Story1	Live	Y	0.041	0.04	1.02
Story2	Cm Additional	X	0.008	0.003	2.808
Story2	Cm Additional	Y	0.039	0.011	3.312
Story1	Cm Additional	X	0.004	0.006	1.386
Story1	Cm Additional	Y	0.006	0.003	2.058
Story2	Sismo X (Diam) Max	X	40.739	38.242	1.065
Story1	Sismo X (Diam) Max	Y	16.01	15.62	1.012
Story1	Sismo Y (Diam) Max	X	53.816	42.715	1.26
Story1	Sismo Y (Diam) Max	Y	19.79	16.807	1.192
Story2	Sismo X (FHE)	X	86.472	44.163	1.905
Story1	Sismo X (FHE)	Y	16.652	16.185	1.029
Story2	Sismo Y (FHE)	X	134.145	78.16	1.716
Story1	Sismo Y (FHE)	Y	19.769	17.043	1.108
Story2	(Cm 1) D + L	X	0.091	0.051	1.8
Story2	(Cm 1) D + L	Y	0.184	0.095	1.721
Story1	(Cm 1) D + L	X	0.025	0.042	1.042
Story1	(Cm 1) D + L	Y	0.038	0.036	1.069
Story2	Sismo X/R Max	X	8.148	7.640	1.065
Story1	Sismo X/R Max	Y	3.202	3.164	1.012
Story2	Sismo Y/R Min	X	8.148	7.648	1.065
Story1	Sismo Y/R Min	Y	3.202	3.164	1.012
Story2	Sismo Y/R Max	X	10.763	9.643	1.26
Story1	Sismo Y/R Max	Y	3.958	3.321	1.192
Story2	Sismo Y/R Min	Y	10.763	9.549	1.26
Story1	Sismo Y/R Min	X	3.958	3.321	1.192
Story2	(Cm 2) D + L + Ex/R Max	X	8.238	7.72	1.067
Story1	(Cm 2) D + L + Ex/R Max	Y	3.225	3.188	1.012
Story2	(Cm 2) D + L + Ex/R Min	X	8.07	7.582	1.084
Story1	(Cm 2) D + L + Ex/R Min	Y	3.178	3.044	1.042
Story1	(Cm 2) D + L + Ex/R Min	X	3.178	3.14	1.012

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Location	P KN	VX LN	VY KN	T KN-m	MX	MY
Bottom	724.6168	0	0	0	5884.1407	-12870.6184
Top	270.48	0	0	0	2231.46	-4318.32
Bottom	270.48	0	0	0	2231.46	-4318.32
Top	307.09	0	0	0	2509.8675	-5434.46
Bottom	307.09	0	0	0	2509.8675	-5434.46
Top	0.5974	1891.5189	39.7135	13722.1939	5.66	6.957
Bottom	0.5974	1891.5169	39.7135	13727.1939	132.3987	5882.5161
Top	0.8239	33.5192	1642.3737	27.86.4341	101.17514	32.8127
Bottom	0.8239	33.5192	1642.3737	27.86.4341	5486.4403	111.5423
Top	0	-1510.3	0	13534.5961	0	0
Bottom	0	-1510.3	0	13534.5961	0	-4963.99
Top	0	0	-1510.3	-28505.514	0	0
Bottom	0	0	-1510.3	-28505.514	4983.99	0
Bottom	1302.1856	0	0	0	9359.5344	-20336.663
Top	1148.7401	0	0	0	10625.6692	-23242.3804
Bottom	1302.1856	0	0	0	10625.6692	-23242.3804
Top	0.1195	338.3038	7.9439	2745.4398	1.132	1.3571
Bottom	0.1195	338.3038	7.9439	2745.4398	26.4797	1116.5032
Top	-0.1195	-338.3038	-7.9439	-2745.4398	-1.132	-1.3571
Bottom	-0.1195	-338.3038	-7.9439	-2745.4398	-26.4797	-1116.5032
Top	0.1248	6.7026	376.4747	5437.2968	38.3503	6.5926
Bottom	0.1248	6.7026	376.4747	5437.2968	117.5862	22.2085
Top	-0.1248	-6.7026	-376.4747	-5437.2968	-38.3503	-6.5926
Bottom	-0.1248	-6.7026	-376.4747	-5437.2968	-117.5862	-22.2085
Top	1148.8596	338.3038	7.9439	2745.4398	9358.4324	-24339.0201
Bottom	1148.8596	338.3038	7.9439	2745.4398	10591.8884	-24339.0201
Top	-1148.8596	-338.3038	-7.9439	-2745.4398	-9358.4324	24339.0201
Bottom	-1148.8596	-338.3038	-7.9439	-2745.4398	-10591.8884	24339.0201
Top	1145.6206	-338.3038	-7.9439	-2745.4398	9358.4324	-24339.0201
Bottom	1145.6206	-338.3038	-7.9439	-2745.4398	9358.4324	-24339.0201
Top	-1145.6206	338.3038	7.9439	2745.4398	-9358.4324	24339.0201
Bottom	-1145.6206	338.3038	7.9439	2745.4398	-9358.4324	24339.0201
Top	1302.0671	6.7026	376.4747	5437.2968	6397.8947	-20390.0804
Bottom	1302.0671	6.7026	376.4747	5437.2968	11743.1564	-23320.09
Top	-1302.0671	-6.7026	-376.4747	-5437.2968	-6397.8947	20390.0804
Bottom	-1302.0671	-6.7026	-376.4747	-5437.2968	-11743.1564	23320.09
Top	1302.0018	6.7026	326.4747	5437.2968	9507.78	-23384.7069
Bottom	1302.0018	6.7026	326.4747	5437.2968	9507.78	-23384.7069
Top	-1302.0018	-6.7026	-326.4747	-5437.2968	-9507.78	23384.7069
Bottom	-1302.0018	-6.7026	-326.4747	-5437.2968	-9507.78	23384.7069
Top	0	-1510.3	-453.09	4693.0507	0	0
Bottom	0	-1510.3	-453.09	4693.0507	1495.197	-4983.09
Top	0	-1510.3	453.09	22336.1415	0	0
Bottom	0	-1510.3	453.09	22336.1415	-1495.197	-4983.09
Top	0	-453.09	-1510.3	-25444.7726	0	0
Bottom	0	-453.09	-1510.3	-25444.7726	4983.99	-1495.197
Top	0	453.09	-1510.3	-33365.5303	0	0
Bottom	0	453.09	-1510.3	-33365.5303	4983.99	1495.197
Top	0.5746	1701.5728	532.4316	21953.1242	63.1654	16.6595
Bottom	0.5746	1701.5728	532.4316	21953.1242	1808.931	561.59786
Top	-0.5746	-1701.5728	-532.4316	-21953.1242	-63.1654	-16.6595
Bottom	-0.5746	-1701.5728	-532.4316	-21953.1242	-1808.931	-561.59786
Top	0.5746	1701.5728	532.4316	21953.1242	63.1654	16.6595
Bottom	0.5746	1701.5728	532.4316	21953.1242	1808.931	561.59786
Top	-0.5746	-1701.5728	-532.4316	-21953.1242	-63.1654	-16.6595
Bottom	-0.5746	-1701.5728	-532.4316	-21953.1242	-1808.931	-561.59786

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[illegible]

5.3 Point Results

Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Dead	-0.4234	7.6386	74.577	-9.1378	-0.6771	0.003
Live	-0.757	2.4072	27.6821	-3.3762	-0.2885	-0.000
Wind	-0.3132	1.3369	16.6243	-1.7694	-0.4129	-0.000
Onion Max	196.4775	16.2946	33.7833	427.6127	1.8156	1.871
Onion Min	4.2802	126.737	71.4478	320.9507	6.7737	0.000
Diaphragm Max	-174.294	22.0764	-15.1743	-37.4288	-407.2787	0.959
X (FHE)	2.085	-204.2326	171.423	482.1913	2.2694	-1.004
Y (FHE)	-0.9122	11.5927	118.9834	-14.2854	-1.3985	-0.000
110° + L						
XIR Max	39.0955	3.6593	2.7567	9.2205	86.5526	0.37
XIR Min	-39.0965	-3.6589	-2.7567	-9.2205	-86.5526	-0.37

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	13	52		0.856	25.3474	14.2666	64.1921	1.7557	0.0031	Base	16	53	Dead	-3.1142	-14.1417	76.9841	16.8422	-3.888	0.0039
Base	13	52	Sismo Y/R Max	-0.858	-25.3474	-14.2666	-64.1921	-1.7557	-0.0031	Base	16	53	Live	-3.6743	-9.3377	16.9841	10.6549	-4.4733	0.0025
Base	13	52	(Cim 2) D + L + Ex/R Max	38.1833	15.2416	121.64	-44.1921	84.134	0.0761	Base	16	53	Cm Additional	-1.2613	-0.0154	17.6913	4.862	-0.5440	-0.0025
Base	13	52	(Cim 2) D + L - Ex/R Min	-40.0077	-15.2416	-121.64	44.1921	-84.134	-0.0761	Base	16	53	Sismo X (Diagn) Max	155.9465	24.7178	237.6788	56.9745	380.2673	1.87
Base	13	52	(Cim 3) D + L - Ex/R Min	-40.0077	-15.2416	-121.64	44.1921	-84.134	-0.0761	Base	16	53	Sismo Y (Diagn) Max	3.3716	12.3849	63.1649	308.7327	7.6347	4.0756
Base	13	52	(Cim 4) D + L + Ex/R Max	-0.0562	36.9301	133.1229	49.9067	-0.3672	0.0052	Base	16	53	Sismo X (FHE)	-126.4789	3.0071	341.3638	-18.1585	-350.223	0.8545
Base	13	52	(Cim 4) D + L - Ex/R Min	-1.7683	-13.7647	-108.5938	-78.4775	-3.1443	-0.801	Base	16	53	Sismo Y (FHE)	-1.3224	-20.0325	68.0132	485.772	-7.691	-1.6406
Base	13	52	(Cim 5) D + L - Ex/R Max	-0.0562	36.9301	133.1229	49.9067	-0.3672	0.0052	Base	16	53	(Cim 1) D + L	-8.0498	-27.4949	130.8311	32.3391	-9.8055	0.0021
Base	13	52	(Cim 5) D + L - Ex/R Min	-1.7683	-13.7647	-108.5938	-78.4775	-3.1443	-0.801	Base	16	53	Sismo Y/R Max	31.1093	4.9436	47.5758	11.7949	76.0535	0.374
Base	13	52	(Deriv FHE) Ex + 0.3EY	-173.5854	-58.934	-59.6369	107.5286	-406.6596	0.4823	Base	16	53	Sismo X/R Min	-31.1893	-4.9436	-47.5758	-11.7949	-76.0535	-0.374
Base	13	52	(Deriv FHE) Ex + 0.3EY	173.5854	58.934	59.6369	-107.5286	406.6596	-0.4823	Base	16	53	Sismo Y/R Min	0.6743	24.778	12.633	81.9465	1.6669	0.8031
Base	13	52	(Deriv FHE) Ex + 0.3EY	-50.2597	-197.6097	-76.2945	471.9626	-119.9542	1.3542	Base	16	53	(Cim 2) D + L + Ex/R Max	-0.6743	-24.778	-12.633	-81.9465	-1.6669	-0.8031
Base	13	52	(Deriv FHE) Ex + 0.3EY	50.2597	197.6097	76.2945	-471.9626	119.9542	-1.3542	Base	16	53	(Cim 2) D + L - Ex/R Min	23.1394	-22.6913	178.4009	44.134	66.1479	0.3761
Base	13	52	(Deriv FHE) Ex + 0.3EY	-54.3167	-210.8555	-67.19	494.4169	124.413	1.3269	Base	16	53	(Cim 3) D + L + Ex/R Max	-39.2392	-32.4384	93.2554	20.5442	-85.959	-0.3719
Base	13	52	(Deriv FHE) Ex + 0.3EY	54.3167	210.8555	67.19	-494.4169	-124.413	-1.3269	Base	16	53	(Cim 3) D + L - Ex/R Min	22.3513	178.4009	44.134	66.1479	0.3761	0.3719
Base	13	52	(Deriv FHE) Ex + 0.3EY	-196.7617	-56.3157	-35.2177	142.3808	-430.2463	3.0747	Base	16	53	(Cim 4) D + L + Ex/R Max	-39.2392	-32.4384	93.2554	20.5442	-85.959	-0.3719
Base	13	52	(Deriv FHE) Ex + 0.3EY	196.7617	56.3157	35.2177	-142.3808	430.2463	-3.0747	Base	16	53	(Cim 4) D + L - Ex/R Min	-39.2392	-32.4384	93.2554	20.5442	-85.959	-0.3719
Base	13	52	(Deriv FHE) Ex + 0.3EY	-186.7617	-56.3157	-35.2177	142.3808	-430.2463	3.0747	Base	16	53	(Cim 5) D + L + Ex/R Max	-7.3755	-51.7728	118.1681	-23.6074	-11.4725	-0.801
Base	13	52	(Deriv FHE) Ex + 0.3EY	186.7617	56.3157	35.2177	-142.3808	430.2463	-3.0747	Base	16	53	(Cim 5) D + L - Ex/R Min	-7.3755	-51.7728	118.1681	-23.6074	-11.4725	-0.801
Base	13	52	(Deriv FHE) Ex + 0.3EY	-82.9235	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-3.2159	-143.4641	94.2857	-8.3286	0.8052	0.8052
Base	13	52	(Deriv FHE) Ex + 0.3EY	82.9235	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	132.2254	75.5828	-334.7915	137.0625	-4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-56.9276	361.7679	127.5761	-350.7537	0.4623	
Base	13	52	(Deriv FHE) Ex + 0.3EY	-132.2254	-75.5828	334.7915	-137.0625	4.5766	Base	16	53	(Deriv FHE) Ex + 0.3EY	-126.8756	-					

Analysis Results

FX	FX	FY	FZ	MX	MY	MZ	Joint Label	Unique Name	Load Case/Combo	FX
KN	KN	KN	KN	KN-m	KN-m	KN-m	17	67		KN
-18.9551	-56.9863	122.8855	-28.8051	-39.375	-0.9126	-36.0355	Base	17	(Flex) 0.8D + 1L + 0.3Ex - Ey Max	36.0355
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 0.9D + 1Ex + 0.3Ey Min	22.5797
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	14.0064
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
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-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
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-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
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-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
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-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797	Base	17	(Flex) 1.2D + 1L + 0.3Ex - Ey Max	24.9885
-40.3166	-43.3535	96.3995	6.3011	-87.5155	-0.6126	14.0064	Base	17	(Flex) 1.2D + 1L + 0.3Ex + Ey Min	24.9885
-22.4666	-18.869	201.1299	67.0588	65.5316	0.6173	-22.5797				

Analysis Results

Analysis Results

Unique Name	Joint Label	Story	MX KN-m	MY KN-m	MZ KN-m	FX KN	FZ KN	MX KN-m	MY KN-m	MZ KN-m	Load Case/Combo
Base	9	Base	176.3363	389.6724	3.0747	155.221	128.3865	176.3363	389.6724	3.0747	(Dir1 Dirang) Ex + 0.3EY Max
Base	9	Base	-176.3363	-389.6724	-3.0747	-155.221	-128.3865	-176.3363	-389.6724	-3.0747	(Dir1 Dirang) Ex + 0.3EY Min
Base	9	Base	165.3651	459.301	4.5766	165.047	175.338	165.3651	459.301	4.5766	(Dir1 Dirang) Ey + 0.3EX Max
Base	9	Base	-165.3651	-459.301	-4.5766	-165.047	-175.338	-165.3651	-459.301	-4.5766	(Dir1 Dirang) Ey + 0.3EX Min
Base	9	Base	175.338	175.338	175.338	175.338	175.338	175.338	175.338	175.338	(Dir1 Dirang) Ez + 0.3EY Max
Base	9	Base	-175.338	-175.338	-175.338	-175.338	-175.338	-175.338	-175.338	-175.338	(Dir1 Dirang) Ez + 0.3EY Min
Base	9	Base	49.5556	124.6732	74.1623	20.1618	49.5556	124.6732	74.1623	40.0005	(Flex) 0.9D - 0.1EX + 0.3EY Max
Base	9	Base	-49.5556	-124.6732	-74.1623	-20.1618	-49.5556	-124.6732	-74.1623	-40.0005	(Flex) 0.9D - 0.1EX + 0.3EY Min
Base	9	Base	182.5272	109.5578	24.1134	49.5556	182.5272	109.5578	24.1134	0.9141	(Flex) 0.9D - 0.3EX + 0.3EY Max
Base	9	Base	-182.5272	-109.5578	-24.1134	-49.5556	-182.5272	-109.5578	-24.1134	-0.9141	(Flex) 0.9D - 0.3EX + 0.3EY Min
Base	9	Base	28.2526	129.2775	77.5697	38.193	28.2526	129.2775	77.5697	56.2825	(Flex) 0.9D - 0.1EX + 0.3EY Max
Base	9	Base	-28.2526	-129.2775	-77.5697	-38.193	-28.2526	-129.2775	-77.5697	-56.2825	(Flex) 0.9D - 0.1EX + 0.3EY Min
Base	9	Base	15.2895	77.9229	52.9649	-23.8954	15.2895	77.9229	52.9649	-69.5564	(Flex) 0.9D - 0.1EX + 0.3EY Max
Base	9	Base	-15.2895	-77.9229	-52.9649	23.8954	-15.2895	-77.9229	-52.9649	69.5564	(Flex) 0.9D - 0.1EX + 0.3EY Min
Base	9	Base	77.0229	77.0229	77.0229	-23.8954	77.0229	77.0229	77.0229	-69.5564	(Flex) 0.9D - 0.3EX + 0.3EY Max
Base	9	Base	-77.0229	-77.0229	-77.0229	23.8954	-77.0229	-77.0229	-77.0229	69.5564	(Flex) 0.9D - 0.3EX + 0.3EY Min
Base	9	Base	124.6732	74.1623	24.1134	40.0005	124.6732	74.1623	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-124.6732	-74.1623	-24.1134	-40.0005	-124.6732	-74.1623	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	82.5272	109.5578	24.1134	20.1618	82.5272	109.5578	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-82.5272	-109.5578	-24.1134	-20.1618	-82.5272	-109.5578	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	129.2775	77.5697	52.9649	38.193	129.2775	77.5697	52.9649	56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-129.2775	-77.5697	-52.9649	-38.193	-129.2775	-77.5697	-52.9649	-56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.9229	52.9649	69.5564	-23.8954	77.9229	52.9649	69.5564	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.9229	-52.9649	-69.5564	23.8954	-77.9229	-52.9649	-69.5564	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	15.2895	77.9229	52.9649	-23.8954	15.2895	77.9229	52.9649	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-15.2895	-77.9229	-52.9649	23.8954	-15.2895	-77.9229	-52.9649	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.0229	77.0229	77.0229	-23.8954	77.0229	77.0229	77.0229	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.0229	-77.0229	-77.0229	23.8954	-77.0229	-77.0229	-77.0229	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	124.6732	74.1623	24.1134	40.0005	124.6732	74.1623	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-124.6732	-74.1623	-24.1134	-40.0005	-124.6732	-74.1623	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	82.5272	109.5578	24.1134	20.1618	82.5272	109.5578	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-82.5272	-109.5578	-24.1134	-20.1618	-82.5272	-109.5578	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	129.2775	77.5697	52.9649	38.193	129.2775	77.5697	52.9649	56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-129.2775	-77.5697	-52.9649	-38.193	-129.2775	-77.5697	-52.9649	-56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.9229	52.9649	69.5564	-23.8954	77.9229	52.9649	69.5564	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.9229	-52.9649	-69.5564	23.8954	-77.9229	-52.9649	-69.5564	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	15.2895	77.9229	52.9649	-23.8954	15.2895	77.9229	52.9649	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-15.2895	-77.9229	-52.9649	23.8954	-15.2895	-77.9229	-52.9649	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.0229	77.0229	77.0229	-23.8954	77.0229	77.0229	77.0229	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.0229	-77.0229	-77.0229	23.8954	-77.0229	-77.0229	-77.0229	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	124.6732	74.1623	24.1134	40.0005	124.6732	74.1623	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-124.6732	-74.1623	-24.1134	-40.0005	-124.6732	-74.1623	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	82.5272	109.5578	24.1134	20.1618	82.5272	109.5578	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-82.5272	-109.5578	-24.1134	-20.1618	-82.5272	-109.5578	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	129.2775	77.5697	52.9649	38.193	129.2775	77.5697	52.9649	56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-129.2775	-77.5697	-52.9649	-38.193	-129.2775	-77.5697	-52.9649	-56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.9229	52.9649	69.5564	-23.8954	77.9229	52.9649	69.5564	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.9229	-52.9649	-69.5564	23.8954	-77.9229	-52.9649	-69.5564	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	15.2895	77.9229	52.9649	-23.8954	15.2895	77.9229	52.9649	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-15.2895	-77.9229	-52.9649	23.8954	-15.2895	-77.9229	-52.9649	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.0229	77.0229	77.0229	-23.8954	77.0229	77.0229	77.0229	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.0229	-77.0229	-77.0229	23.8954	-77.0229	-77.0229	-77.0229	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	124.6732	74.1623	24.1134	40.0005	124.6732	74.1623	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-124.6732	-74.1623	-24.1134	-40.0005	-124.6732	-74.1623	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	82.5272	109.5578	24.1134	20.1618	82.5272	109.5578	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-82.5272	-109.5578	-24.1134	-20.1618	-82.5272	-109.5578	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	129.2775	77.5697	52.9649	38.193	129.2775	77.5697	52.9649	56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-129.2775	-77.5697	-52.9649	-38.193	-129.2775	-77.5697	-52.9649	-56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.9229	52.9649	69.5564	-23.8954	77.9229	52.9649	69.5564	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.9229	-52.9649	-69.5564	23.8954	-77.9229	-52.9649	-69.5564	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	15.2895	77.9229	52.9649	-23.8954	15.2895	77.9229	52.9649	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-15.2895	-77.9229	-52.9649	23.8954	-15.2895	-77.9229	-52.9649	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.0229	77.0229	77.0229	-23.8954	77.0229	77.0229	77.0229	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.0229	-77.0229	-77.0229	23.8954	-77.0229	-77.0229	-77.0229	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	124.6732	74.1623	24.1134	40.0005	124.6732	74.1623	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-124.6732	-74.1623	-24.1134	-40.0005	-124.6732	-74.1623	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	82.5272	109.5578	24.1134	20.1618	82.5272	109.5578	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-82.5272	-109.5578	-24.1134	-20.1618	-82.5272	-109.5578	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	129.2775	77.5697	52.9649	38.193	129.2775	77.5697	52.9649	56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-129.2775	-77.5697	-52.9649	-38.193	-129.2775	-77.5697	-52.9649	-56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.9229	52.9649	69.5564	-23.8954	77.9229	52.9649	69.5564	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.9229	-52.9649	-69.5564	23.8954	-77.9229	-52.9649	-69.5564	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	15.2895	77.9229	52.9649	-23.8954	15.2895	77.9229	52.9649	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-15.2895	-77.9229	-52.9649	23.8954	-15.2895	-77.9229	-52.9649	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.0229	77.0229	77.0229	-23.8954	77.0229	77.0229	77.0229	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.0229	-77.0229	-77.0229	23.8954	-77.0229	-77.0229	-77.0229	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	124.6732	74.1623	24.1134	40.0005	124.6732	74.1623	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-124.6732	-74.1623	-24.1134	-40.0005	-124.6732	-74.1623	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	82.5272	109.5578	24.1134	20.1618	82.5272	109.5578	24.1134	0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-82.5272	-109.5578	-24.1134	-20.1618	-82.5272	-109.5578	-24.1134	-0.9141	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	129.2775	77.5697	52.9649	38.193	129.2775	77.5697	52.9649	56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-129.2775	-77.5697	-52.9649	-38.193	-129.2775	-77.5697	-52.9649	-56.2825	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	77.9229	52.9649	69.5564	-23.8954	77.9229	52.9649	69.5564	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base	-77.9229	-52.9649	-69.5564	23.8954	-77.9229	-52.9649	-69.5564	69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Min
Base	9	Base	15.2895	77.9229	52.9649	-23.8954	15.2895	77.9229	52.9649	-69.5564	(Flex) 0.9D + 0.3EX + 0.3EY Max
Base	9	Base									

Analysis Results

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	20	35		-7.129	51.3171	159.3219	28.8477	53.6627	0.8052
Base	20	35	(Cim 4) D + L + EyR Max	-15.1281	3.0616	131.9277	-84.6742	-43.4705	-0.801
Base	20	35	(Cim 5) D + L + EyR Max	-7.129	51.3171	159.3219	28.8477	53.6627	0.8052
Base	20	35	(Cim 5) D + L + EyR Min	-15.1281	3.0616	131.9277	-84.6742	-43.4705	-0.801
Base	20	35	(Deriv FHE) Ex + 0.3Ey	-170.5714	-44.7121	96.4941	112.9999	-430.0444	0.4523
Base	20	35	(Deriv FHE) Ex - 0.3Ey	-166.0746	76.5354	92.3816	-177.7745	-388.6275	1.4668
Base	20	35	(Deriv FHE) Ey + 0.3Ex	-57.9809	-137.4057	-37.4793	474.983	-137.329	-1.3512
Base	20	35	(Deriv FHE) Ey - 0.3Ex	42.9756	-206.8527	-82.1423	494.2886	99.2726	-1.9269
Base	20	35	(Deriv Dnam) Ex - 0.3Ey Max	155.0517	56.9535	125.5819	147.1948	388.4497	3.0747
Base	20	35	(Deriv Dnam) Ex - 0.3Ey Min	-155.0317	-56.9535	-125.5819	-147.1948	-388.4497	-3.0747
Base	20	35	(Deriv Dnam) Ex + 0.3Ey Max	165.0317	76.5354	125.5819	147.1948	388.4497	3.0747
Base	20	35	(Deriv Dnam) Ex + 0.3Ey Min	-165.0317	-76.5354	-125.5963	-147.1948	-389.4497	-3.0747
Base	20	35	(Deriv Dnam) Ey + 0.3Ey Max	64.7074	126.8668	100.2263	325.1709	161.8976	4.5766
Base	20	35	(Deriv Dnam) Ey - 0.3Ey Min	-64.7074	-126.8668	-100.2263	-325.1709	-161.8976	-4.5766
Base	20	35	(Deriv Dnam) Ey - 0.3Ey Max	64.7074	126.8668	100.2263	325.1709	161.8976	4.5766
Base	20	35	(F ex) 0.9D - 0.3Ex + Ey Max	5.9327	41.9152	126.6542	45.306	23.4252	0.9166
Base	20	35	(F ex) 0.9D - 0.3Ex + Ey Min	-20.2902	-8.9155	86.7357	-84.7624	-41.3308	-0.9141
Base	20	35	(Flex) 0.9D - 0.3Ex + Ey Max	5.9327	41.9155	126.6542	45.306	23.4252	0.9166
Base	20	35	(Flex) 0.9D - 0.3Ex + Ey Min	-20.2902	-8.9155	86.7357	-84.7624	-41.3308	-0.9141
Base	20	35	(Flex) 0.9D + 0.3Ex + Ey Max	23.6576	187.9523	132.1114	91.706	68.9096	0.6162
Base	20	35	(Flex) 0.9D + 0.3Ex + Ey Min	-23.6576	-187.9523	-132.1114	-91.706	-68.9096	-0.6162
Base	20	35	(Flex) 0.9D - 0.3Ex + Ey Max	23.6576	187.9523	132.1114	91.706	68.9096	0.6162
Base	20	35	(Flex) 0.9D - 0.3Ex + Ey Min	-23.6576	-187.9523	-132.1114	-91.706	-68.9096	-0.6162
Base	20	35	(Flex) 0.9D + 0.3Ex + Ey Max	23.6576	187.9523	132.1114	91.706	68.9096	0.6162
Base	20	35	(Flex) 0.9D + 0.3Ex + Ey Min	-23.6576	-187.9523	-132.1114	-91.706	-68.9096	-0.6162
Base	20	35	(Flex) 0.9D - 0.3Ex + Ey Max	23.6576	187.9523	132.1114	91.706	68.9096	0.6162
Base	20	35	(Flex) 0.9D - 0.3Ex + Ey Min	-23.6576	-187.9523	-132.1114	-91.706	-68.9096	-0.6162
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-14.5395	36.1423	185.8352	-43.9931	-17.7282	0.0028
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	0.1799	58.2432	185.4763	27.7989	16.8237	0.9177
Base	20	35	(F ex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(F ex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex						
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Max	25.7031	-5.4965	-148.2978	102.3315	47.9553	0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex + 0.3Ey Min	-25.7031	5.4965	148.2978	-102.3315	-47.9553	-0.9129
Base	20	35	(Flex) 1.2D + 0.1Ex +						

Analysis Results

Story	Joint Label	Unique Name	Load Case/Combo	FX	FY	FZ	RX	RY	RZ	Joint Label	Unique Name	Load Case/Combo	FX	
Base	21	46	(Flex) 1.2D + 1L - Ex + 0.3Ej Min	-9.7536	-20.7285	259.8708	-38.0891	-51.0436	-0.8126	Base	27	23	(Flex) 1.2D + 1L - 0.3Ex - Ey Min	-18.8559
Base	21	46	(Flex) 1.2D + 1L - Ex + 0.3Ej Max	81.1039	16.16	308.0242	43.7542	99.7037	0.6173	Base	22	23	(Flex) 1.2D + 1L + 0.3Ex + Ey Max	14.5541
Base	21	46	(Flex) 1.2D + 1L - Ex - 0.3Ej Min	-9.7536	-20.7285	259.8708	-38.0891	-51.0436	-0.8126	Base	22	23	(Flex) 1.2D + 1L + 0.3Ex - Ey Min	-18.8559
Base	21	46	(Flex) 1.2D + 1L - Ex - 0.3Ej Max	15.5432	-0.2216	231.4678	0.3745	18.2515	0.002	Base	22	23	(Flex) 1.2D + 1L + 0.3Ex - Ey Min	14.5541
Base	22	23	Dead	-1.0068	23.2951	163.782	-27.7352	-1.3497	0.0037	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Max	-18.8559
Base	22	23	Live	-0.9604	18.8065	58.1983	-20.5453	-0.7808	0.0037	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Min	-18.8559
Base	22	23	Cm Adicional	-3.3178	9.2838	42.8055	-1.10643	-0.4335	-0.0025	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Max	-42.2751
Base	22	23	Sismo X (Dinam) Max	102.9428	10.9417	24.0722	38.0928	427.7597	1.87	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Min	37.9672
Base	22	23	Sismo Y (Dinam) Max	25.6782	173.4877	108.5968	45.3148	56.3148	0.4766	Base	22	23	(Flex) 1.2D + 1L + Ex + 0.3Ej Min	-42.2751
Base	22	23	Sismo X (FHE)	-207.0089	-7.8268	9.1222	18.8621	-40.5682	0.8646	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Max	37.9672
Base	22	23	Sismo Y (FHE)	-187.2521	-49.6169	42.3514	-22.1283	-1.0406	0.1406	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Min	-42.2751
Base	22	23	(Cim) 1D + L	-1.891	49.3824	264.7959	-59.3448	-2.5438	0.0021	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Max	37.9672
Base	22	23	Sismo X/R Max	38.5926	2.1883	4.8144	5.6185	85.4359	0.374	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Min	-42.2751
Base	22	23	Sismo X/R Min	-38.5926	-2.1883	-4.8144	-5.6185	-85.4359	-0.374	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Max	37.9672
Base	22	23	Sismo Y/R Max	5.1352	34.6975	21.9194	86.9836	11.263	0.8031	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Min	-42.2751
Base	22	23	Sismo Y/R Min	-5.1352	-34.6975	-21.9194	-86.9836	-11.263	-0.8031	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Max	-42.2751
Base	22	23	(Cim) 2D + L + Ex/R Max	36.6316	51.3707	269.6104	-53.7263	82.8921	0.2761	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Min	37.9672
Base	22	23	(Cim) 2D + L - Ex/R Min	-36.6316	-51.3707	-269.6104	53.7263	-82.8921	-0.2761	Base	22	23	(Flex) 1.2D + 1L + Ex + 0.3Ej Max	37.9672
Base	22	23	(Cim) 3D + L - Ex/R Min	-40.4736	-47.1841	359.9815	-64.5933	87.9798	-0.3719	Base	22	23	(Flex) 1.2D + 1L + Ex + 0.3Ej Min	-42.2751
Base	22	23	(Cim) 4D + L - Ex/R Min	-40.4736	-47.1841	359.9815	-64.5933	87.9798	-0.3719	Base	22	23	(Flex) 1.2D + 1L + Ex - 0.3Ej Max	-42.2751
Base	22	23	(Cim) 4D + L + Ex/R Min	3.2442	84.0798	286.7153	27.639	0.7191	0.8032	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Max	37.9672
Base	22	23	(Cim) 4D + L + Ex/R Min	3.2442	84.0798	286.7153	27.639	0.7191	0.8032	Base	22	23	(Flex) 1.2D + 1L - Ex + 0.3Ej Min	-42.2751
Base	22	23	(Cim) 5D + L - Ex/R Max	3.2442	84.0798	286.7153	27.639	0.7191	0.8032	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Max	-42.2751
Base	22	23	(Cim) 5D + L - Ex/R Max	3.2442	84.0798	286.7153	27.639	0.7191	0.8032	Base	22	23	(Flex) 1.2D + 1L - Ex - 0.3Ej Min	37.9672
Base	22	23	(Cim) 5D + L + Ex/R Max	-7.0262	14.8849	242.2765	-140.3286	-13.2688	-0.801	Base	22	23	(Flex) 1.4D	-1.8545
Base	22	23	(Deriv FHE) Ex + 0.3Ej	-210.0393	-64.0023	-9.6335	147.1575	-447.2041	0.4623	Base	22	23	Dead	-0.051
Base	22	23	(Deriv FHE) Ex + 0.3Ej	-203.9787	48.349	-27.8778	-104.2534	-433.9283	1.4686	Base	22	23	Live	-0.0374
Base	22	23	(Deriv FHE) Ex + 0.3Ej	-189.6004	-58.7882	43.0371	-154.2962	-1.3542	-1.3269	Base	22	23	Cm Adicional	-0.0204
Base	22	23	(Deriv FHE) Ex + 0.3Ej	50.0222	-184.9041	43.2555	110.0435	1.0435	0.9156	Base	22	23	Sismo X (Dinam) Max	188.149
Base	22	23	(Deriv FHE) Ex + 0.3Ej Max	200.6157	62.985	58.9513	158.5583	-444.0741	3.0747	Base	22	23	Sismo Y (Dinam) Max	25.0831
Base	22	23	(Deriv FHE) Ex + 0.3Ej Min	-200.6157	-62.988	-58.9513	-158.5583	444.0741	-3.0747	Base	22	23	Sismo X (FHE)	-203.4
Base	22	23	(Deriv FHE) Ex + 0.3Ej Max	200.6157	62.985	58.9513	158.5583	-444.0741	3.0747	Base	22	23	Sismo Y (FHE)	-8.0965
Base	22	23	(Deriv FHE) Ex + 0.3Ej Min	-200.6157	-62.988	-58.9513	-158.5583	444.0741	-3.0747	Base	22	23	(Cim) 1D + L	-0.1278
Base	22	23	(Deriv FHE) Ex + 0.3Ej Max	83.85	176.7702	116.8185	443.3468	-184.4687	4.5786	Base	22	23	Sismo X/R Max	37.3288
Base	22	23	(Deriv FHE) Ex + 0.3Ej Min	-83.85	-176.7702	-116.8185	-443.3468	184.4687	-4.5786	Base	22	23	Sismo X/R Min	-37.3288
Base	22	23	(Deriv FHE) Ex + 0.3Ej Max	83.85	176.7702	116.8185	443.3468	-184.4687	4.5786	Base	22	23	Sismo Y/R Max	5.0126
Base	22	23	(Deriv FHE) Ex + 0.3Ej Min	-83.85	-176.7702	-116.8185	-443.3468	184.4687	-4.5786	Base	22	23	Sismo Y/R Min	-5.0126
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Cim) 2D + L + Ex/R Max	37.702
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Cim) 2D + L - Ex/R Min	-37.702
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Cim) 3D + L + Ex/R Max	37.702
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Cim) 3D + L - Ex/R Min	-37.702
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Cim) 4D + L + Ex/R Max	4.8848
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Cim) 4D + L + Ex/R Min	-4.8848
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Cim) 4D + L - Ex/R Min	-5.4404
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Cim) 5D + L + Ex/R Max	4.8848
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Cim) 5D + L - Ex/R Min	-4.8848
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex - Ey Min	-15.5178	-64.8724	-209.3015	-53.7498	-35.2886	-0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Max	15.5178	64.8724	209.3015	53.7498	35.2886	0.9156	Base	22	23	(Deriv FHE) Ex - 0.3Ej	-206.1255
Base	22	23	(Flex) 0.9D + 0.3Ex + Ey Min	-15.5178	-64.8724	-								

Analysis Results

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	Story	Joint Label	Unique Name	Load Case/Combo				FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m																	
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 1.20 - 15x - 0.35y Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.30 - 0.35x + Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9166	Base	24	Base	(Flex) 0.30 - 0.35x + Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Max	16.2017	57.9655	189.0524	41.7768	36.105	0.9165	Base	24	Base	(Flex) 0.30 - 0.35x - Ey Min	-16.6027	-1.3737	159.4475	-109.2022	-36.9483	-0.9141
Base	25	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Max	39.6107	18.9026	172.2019	-57.6904	87.5411	0.6162	Base	24	Base	(Flex) 0.90 - 15x - 0.35y Min	-39.6107	-18.9026	-172.2019	57.6904	-87.5411	-0.6137
Base	25	Base	(Flex) 1.20 - 15x - 0.35y Max	16.2017	57.9655	189.0524	4																																

Analysis Results

Analysis Results

Story	Joint Label	Unique Name	Load Case/Combo	PX kN	FY kN	FZ kN-m	MX kN-m	MY kN-m	MZ kN-m
Base	25	Base	(Diriv FHE) Ey + 0.3Ex	-70.9169	-134.0038	-130.163	-422.0726	-442.7801	-1.3542
Base	25	Base	(Diriv FHE) Ey - 0.3Ex	91.1094	-161.6507	-137.4066	141.7768	108.9782	-1.9269
Base	25	Base	(Diriv Driam) Ex - 0.3Ey Max	-198.653	-49.8174	34.944	-127.706	-39.3408	-3.0747
Base	25	Base	(Diriv Driam) Ex - 0.3Ey Min	-198.653	-49.8174	34.944	-127.706	-39.3408	-3.0747
Base	25	Base	(Diriv Driam) Ex + 0.3Ey Max	-198.653	-49.8174	34.944	-127.706	-39.3408	-3.0747
Base	25	Base	(Diriv Driam) Ex + 0.3Ey Min	-198.653	-49.8174	34.944	-127.706	-39.3408	-3.0747
Base	25	Base	(Diriv Driam) Ey + 0.3Ex Max	-81.8446	-141.3169	94.4413	358.8229	182.4371	4.5768
Base	25	Base	(Diriv Driam) Ey + 0.3Ex Min	-81.8446	-141.3169	94.4413	358.8229	182.4371	4.5768
Base	25	Base	(Diriv Driam) Ey - 0.3Ex Max	81.8446	141.3169	94.4413	358.8229	182.4371	4.5768
Base	25	Base	(Diriv Driam) Ey - 0.3Ex Min	81.8446	141.3169	94.4413	358.8229	182.4371	4.5768
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Max	16.1131	58.8653	196.9923	37.9203	33.9986	0.9166
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Min	16.1131	58.8653	196.9923	37.9203	33.9986	0.9166
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Max	-16.1204	-67.8678	-158.2158	-105.6098	-38.9751	-0.9141
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Min	-16.1204	-67.8678	-158.2158	-105.6098	-38.9751	-0.9141
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Max	39.0746	38.3554	185.0928	-8.3031	87.3558	-0.6137
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Min	39.0746	38.3554	185.0928	-8.3031	87.3558	-0.6137
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Max	-39.5864	-16.1131	58.8653	196.9923	37.9203	33.9986
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Min	-39.5864	-16.1131	58.8653	196.9923	37.9203	33.9986
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Max	18.4385	171.1152	-53.3555	-30.3558	-38.9751	-0.9141
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Min	18.4385	171.1152	-53.3555	-30.3558	-38.9751	-0.9141
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Max	-18.8224	-39.3554	185.0928	-59.3855	87.3558	0.6162
Base	25	Base	(Flex) 0.90 - 0.3Ex + 1Ey Min	-18.8224	-39.3554	185.0928	-59.3855	87.3558	0.6162
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	15.9139	82.4322	311.6833	6.6955	35.6165	0.9177
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Max	-16.8224	-25.9354	273.9268	-136.8406	-37.3593	-0.9129
Base	25	Base	(Flex) 1.20 + 1L - 0.3Ex + 1Ey Min	-16.8224	-25.9354	273.9268	-13		

Analysis Results

Story	Joint Label	Unique Name	Load Case/Combo	FX KN	FY KN	FZ KN-m	MX KN-m	MY KN-m	MZ KN-m
Base	29	47	On Adiciona	-0.5025	0.0728	98.6342	-0.6388	-0.0025	-0.0125
Base	29	47	Sismo X (Dinam) Max	185.9746	66.2638	24.5299	34.6635	428.2133	1.87
Base	29	47	Sismo Y (Dinam) Max	3.9702	252.9473	1.2025	529.9192	8.5343	4.0166
Base	29	47	Sismo X (FHE)	-174.8739	-11.1464	33.4588	22.9168	-407.9766	0.9545
Base	29	47	Sismo Y (FHE)	-3.1902	-342.4789	0.0236	493.251	-1.6406	-1.6406
Base	29	47	(Clim 1 D + L - Ex - 0.35E) Max	3.9749	4.0319	508.9391	4.3921	-0.1418	0.0021
Base	29	47	Sismo XVR Max	39.349	3.2532	4.905	6.9727	85.8427	0.374
Base	29	47	Sismo YVR Min	-39.1949	3.2532	-4.906	-6.9127	-85.6427	-0.374
Base	29	47	Sismo XVR Max	0.794	90.9836	0.2495	105.9838	1.727	0.8031
Base	29	47	Sismo YVR Min	-0.794	-90.9838	-0.2495	-105.9838	-1.727	-0.8031
Base	29	47	(Clim 2 D + L + ExVR Max	36.0656	-0.7787	513.8451	11.3043	81.9978	0.3761
Base	29	47	(Clim 2 D + L + ExVR Min	-42.3333	-7.2851	504.0331	-1.2506	-98.0875	-0.3719
Base	29	47	(Clim 3 D + L - ExVR Max	36.0656	-0.7787	513.8451	11.3043	81.9978	0.3761
Base	29	47	(Clim 3 D + L - ExVR Min	-42.3333	-7.2851	504.0331	-2.5826	-98.0875	-0.3719
Base	29	47	(Clim 4 D + L + ExVR Max	-3.9524	-54.6154	509.1796	110.378	-2.3178	0.0092
Base	29	47	(Clim 4 D + L + ExVR Min	-3.9524	-54.6154	509.1796	110.378	-2.3178	0.0092
Base	29	47	(Clim 5 D + L - ExVR Max	-3.9524	-54.6154	509.1796	110.378	-2.3178	0.0092
Base	29	47	(Clim 5 D + L - ExVR Min	-3.9524	-54.6154	509.1796	110.378	-2.3178	0.0092
Base	29	47	(Deriv FHE) Ex + 0.35E	-174.9309	-89.8921	33.4659	170.8911	-408.0361	0.4823
Base	29	47	(Deriv FHE) Ex - 0.35E	174.9309	89.8921	-33.4659	-170.8911	408.0361	-0.4823
Base	29	47	(Deriv FHE) Ex + 0.35E Max	-52.6523	-244.8234	10.4612	500.1258	-122.8092	-1.3342
Base	29	47	(Deriv FHE) Ex - 0.35E Max	52.6523	244.8234	-10.4612	-500.1258	122.8092	1.3342
Base	29	47	(Deriv FHE) Ex + 0.35E Min	197.1657	92.141	-24.8907	193.5392	-430.8037	-0.3747
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-197.1657	-92.141	24.8907	-193.5392	430.8037	0.3747
Base	29	47	(Deriv FHE) Ex + 0.35E Max	-197.1657	-92.141	24.8907	-193.5392	430.8037	-0.3747
Base	29	47	(Deriv FHE) Ex - 0.35E Max	197.1657	92.141	-24.8907	193.5392	-430.8037	0.3747
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
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Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
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Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Max	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Max	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(Deriv FHE) Ex + 0.35E Min	62.7626	257.797	8.5615	540.2882	-137.0988	-4.5766
Base	29	47	(Deriv FHE) Ex - 0.35E Min	-62.7626	-257.797	-8.5615	-540.2882	137.0988	4.5766
Base	29	47	(						

Analysis Results

FX	FY	FZ	MX	MY	MZ	Joint Label	Story	Unique Name	Load Case/Combo	FX	FY	FZ	MX	MY	MZ
38.1138	2.12	4.6027	5.559	33.942	0.374	Base	Base	34	68	(Flex) 1.2D + 1L - Ex - 0.3Ex Min	-41.6866	-64.8451	260.382	30.3745	-89.9687
-38.1138	-2.12	-4.6027	-3.556	-33.942	-0.374	Base	Base	34	68	(Flex) 1.4D	-1.9453	-42.8806	289.5035	54.848	-2.5164
4.6844	34.6817	21.892	98.9772	-10.2309	0.8031	Base	Base	35	69	Dead	-0.0592	-22.5077	156.8174	26.9044	-0.278
-4.6844	-34.6817	-21.892	-98.9772	10.2309	-0.8031	Base	Base	35	69	Live	-0.009	-12.3336	50.6159	14.2229	-0.197
36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Civ Additional	0.00719	-9.033	41.1752	10.8008	-0.0218
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321	11.8602	415.3243
36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Slomo X (FHE) Min	-214.8955	158.2576	105.6756	50.487	-461.4369
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321	11.8602	415.3243
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36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Slomo X (FHE) Min	-214.8955	158.2576	105.6756	50.487	-461.4369
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321	11.8602	415.3243
36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Slomo X (FHE) Min	-214.8955	158.2576	105.6756	50.487	-461.4369
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321	11.8602	415.3243
36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Slomo X (FHE) Min	-214.8955	158.2576	105.6756	50.487	-461.4369
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321	11.8602	415.3243
36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Slomo X (FHE) Min	-214.8955	158.2576	105.6756	50.487	-461.4369
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321	11.8602	415.3243
36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Slomo X (FHE) Min	-214.8955	158.2576	105.6756	50.487	-461.4369
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321	11.8602	415.3243
36.1978	43.6433	264.9974	93.7444	81.3432	0.3761	Base	Base	35	69	Slomo X (FHE) Min	-214.8955	158.2576	105.6756	50.487	-461.4369
-40.0297	-47.8932	-265.7919	-48.6323	-86.5408	-0.3718	Base	Base	35	69	Slomo X (FHE) Max	186.8842	4.5751	4.0321		

Analysis Results										Analysis Results									
Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	38	72	(Dark Diaphragm) Ex - 0.3Ey Max	213.0877	57.2455	206.9451	142.554	453.5985	3.0747	Base	38	72	(Flex) 0.9D - 0.3Ex - Ey Max	105.019	202.7541	202.7541	34.9785	0.9165	0.9165
Base	38	72	(Dark Diaphragm) Ex - 0.3Ey Min	213.0877	57.2455	206.9451	142.554	453.5985	-3.0747	Base	38	72	(Flex) 0.9D - 0.3Ex - Ey Min	105.019	202.7541	202.7541	34.9785	0.9165	0.9165
Base	38	72	(Dark Diaphragm) Ex + 0.3Ey Max	213.0877	57.2455	206.9451	142.554	453.5985	3.0747	Base	38	72	(Flex) 0.9D - 1Ex - 0.3Ey Min	182.5791	182.5791	182.5791	85.9129	0.6162	0.6162
Base	38	72	(Dark Diaphragm) Ex + 0.3Ey Min	213.0877	57.2455	206.9451	142.554	453.5985	-3.0747	Base	38	72	(Flex) 0.9D - 1Ex - 0.3Ey Max	182.5791	182.5791	182.5791	85.9129	0.6162	0.6162
Base	38	72	(Dark Diaphragm) Ey + 0.3Ex Max	88.6557	143.3849	129.7647	352.4746	-184.3352	-4.5768	Base	38	72	(Flex) 0.9D - 1Ex + 0.3Ey Min	182.5791	182.5791	182.5791	85.9129	0.6162	0.6162
Base	38	72	(Dark Diaphragm) Ey + 0.3Ex Min	88.6557	143.3849	129.7647	352.4746	-184.3352	4.5768	Base	38	72	(Flex) 0.9D - 1Ex + 0.3Ey Max	182.5791	182.5791	182.5791	85.9129	0.6162	0.6162
Base	38	72	(Dark Diaphragm) Ey - 0.3Ex Max	88.6557	143.3849	129.7647	352.4746	-184.3352	-4.5768	Base	38	72	(Flex) 0.9D - 1Ex + 0.3Ey Min	182.5791	182.5791	182.5791	85.9129	0.6162	0.6162
Base	38	72	(Dark Diaphragm) Ey - 0.3Ex Min	88.6557	143.3849	129.7647	352.4746	-184.3352	4.5768	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Min	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 0.3Ex + Ey Max	13.3571	7.0342	178.126	96.3607	31.0391	0.9165	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Max	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 0.3Ex + Ey Min	13.3571	7.0342	178.126	96.3607	31.0391	0.9165	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Min	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 0.3Ex - Ey Max	13.3571	7.0342	178.126	96.3607	31.0391	0.9165	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Max	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 0.3Ex - Ey Min	13.3571	7.0342	178.126	96.3607	31.0391	0.9165	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Min	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 1Ex - 0.3Ey Max	46.85918	-33.0919	110.8041	-2.545	-95.6477	-0.6137	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Max	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 1Ex - 0.3Ey Min	46.85918	-33.0919	110.8041	-2.545	-95.6477	-0.6137	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Min	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 1Ex + 0.3Ey Max	46.85918	-33.0919	110.8041	-2.545	-95.6477	-0.6137	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Max	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D - 1Ex + 0.3Ey Min	46.85918	-33.0919	110.8041	-2.545	-95.6477	-0.6137	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Min	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Max	46.85918	-33.0919	110.8041	-2.545	-95.6477	-0.6137	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Max	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Min	46.85918	-33.0919	110.8041	-2.545	-95.6477	-0.6137	Base	38	72	(Flex) 0.9D + 0.3Ex - 1Ey Min	151.9191	151.9191	151.9191	75.9129	0.9165	0.9165
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Max	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177
Base	38	72	(Flex) 1.2D + 1L + 1Ex - 0.3Ey Min	-1.0337	-34.8974	-0.9129	-0.6173	85.902	0.9177	Base									

5.4 Modal Results

Table 5.8 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cycles	Circular Frequency rad/sec	Eigenvalue rad/sec ²
Model	1	0.35	2.853	17.923	321.454
Model	2	0.318	3.145	19.782	350.942
Model	3	3.183	3.183	20.0622	402.4026
Model	4	0.229	4.351	27.4013	750.8316
Model	5	0.223	4.486	28.1889	754.6107
Model	6	0.21	4.758	28.989	853.8025
Model	7	0.205	4.935	31.0057	951.3247

Case	Mode	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
Modal	18	0.0006	0.0171	5.547E-06	0.2686	0.0656	0.5945

Table 5.10 - Modal Load Participation Ratios

Table 5.11 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	0.35	0	0.368	0	0.031
Modal	2	0.318	0.554	0.026	0	0.321
Modal	3	0.343	0.555	0.025	0	0.39
Modal	4	0.229	0	0.94	0	0.05
Modal	5	0.223	0	0.003	0	0.997
Modal	6	0.21	0.194	0	0	0.805
Modal	7	0.203	0.013	0.009	0	0.978
Modal	8	0.192	0	0.789	0	0.201
Modal	9	0.176	0.001	0.02	0	0.979
Modal	10	0.169	0	0.271	0	0.729
Modal	11	0.16	0.03	0.194	0	0.776
Modal	12	0.156	0.83	0.005	0	0.086
Modal	13	0.147	0.004	0.34	0.019	0.635
Modal	14	0.144	0.002	0.025	0	0.978
Modal	15	0.14	0.20	0.02	0.001	0.978
Modal	16	0.133	0	0.116	0.758	0.127
Modal	17	0.124	0	0.124	0.935	0.064
Modal	18	0.116	0	0	0	0

6 Design Data

This chapter provides design data and results.

6.1 Concrete Frame Design

Table 6.1 - Concrete Frame Preferences - ACI 318-08

Item	Value
Multi-Response Design	Step-by-Step - All
Seismic Design Category	D
# Intersection Curves	24
# Intersection Points	11
Minimum Eccentricity	Yes
ρ (Tension)	0.8
ρ (Compression, Top)	0.85
ρ (Compression, Spall)	0.75
ρ (Shear and Torsion)	0.85
ρ (Shear, Salmonic)	0.6
ρ (Shear Joint)	0.85
Patent Live Load Factor	0.75
D/C Ratio Limit	1

Table 6.2 - Concrete Column Summary - ACI 318-08 (Part 1 of 3)

Story	Label	Unique Name	Station mm	Design Section	Design/Check	Status	PMR Ratio	PMR Combo	As,min cm ²
Story2	C1	21	0	Col Comp 30x30	Check	No Message	0.682	Envelope Flexion	8.5
Story2	C1	21	1450	Col Comp 30x30	Check	No Message	0.147	Envelope Flexion	8.5
Story2	C1	21	2800	Col Comp 30x30	Check	No Message	0.431	Envelope Flexion	8.5
Story2	C2	22	0	Col Comp 30x30	Check	No Message	0.944	Envelope Flexion	8.5
Story2	C2	22	1450	Col Comp 30x30	Check	No Message	0.23	Envelope Flexion	8.5
Story2	C2	22	2800	Col Comp 30x30	Check	No Message	0.616	Envelope Flexion	8.5
Story2	C3	23	0	Col Comp 30x30	Check	No Message	0.922	Envelope Flexion	8.5
Story2	C3	23	1450	Col Comp 30x30	Check	No Message	0.227	Envelope Flexion	8.5
Story2	C3	23	2800	Col Comp 30x30	Check	No Message	0.496	Envelope Flexion	8.5
Story2	C4	24	0	Col Comp 30x30	Check	No Message	0.918	Envelope Flexion	8.5
Story2	C4	24	1450	Col Comp 30x30	Check	No Message	0.228	Envelope Flexion	8.5
Story2	C4	24	2800	Col Comp 30x30	Check	No Message	0.493	Envelope Flexion	8.5
Story2	C5	25	0	Col Comp 30x30	Check	No Message	0.926	Envelope Flexion	8.5
Story2	C5	25	1450	Col Comp 30x30	Check	No Message	0.221	Envelope Flexion	8.5
Story2	C5	25	2800	Col Comp 30x30	Check	No Message	0.48	Envelope Flexion	8.5
Story2	C6	26	0	Col Comp 30x30	Check	No Message	0.98	Envelope Flexion	8.5
Story2	C6	26	1450	Col Comp 30x30	Check	No Message	0.217	Envelope Flexion	8.5
Story2	C6	26	2800	Col Comp 30x30	Check	No Message	0.466	Envelope Flexion	8.5
Story2	C7	27	0	Col Comp 30x30	Check	No Message	0.93	Envelope Flexion	8.5
Story2	C7	27	1450	Col Comp 30x30	Check	No Message	0.135	Envelope Flexion	8.5
Story2	C7	27	2800	Col Comp 30x30	Check	No Message	0.399	Envelope Flexion	8.5
Story2	C8	28	0	Col Comp 30x30	Check	No Message	0.981	Envelope Flexion	8.5
Story2	C8	28	1450	Col Comp 30x30	Check	No Message	0.123	Envelope Flexion	8.5
Story2	C8	28	2800	Col Comp 30x30	Check	No Message	0.473	Envelope Flexion	8.5
Story2	C9	29	0	Col Comp 30x30	Check	No Message	0.924	Envelope Flexion	8.5
Story2	C9	29	1450	Col Comp 30x30	Check	No Message	0.136	Envelope Flexion	8.5
Story2	C9	29	2800	Col Comp 30x30	Check	No Message	0.475	Envelope Flexion	8.5
Story2	C10	30	0	Col Comp 30x30	Check	No Message	0.96	Envelope Flexion	8.5
Story2	C10	30	1450	Col Comp 30x30	Check	No Message	0.136	Envelope Flexion	8.5
Story2	C10	30	2800	Col Comp 30x30	Check	No Message	0.476	Envelope Flexion	8.5
Story2	C11	40	0	Col Comp 30x30	Check	No Message	0.96	Envelope Flexion	8.5
Story2	C11	40	1450	Col Comp 30x30	Check	No Message	0.136	Envelope Flexion	8.5
Story2	C11	40	2800	Col Comp 30x30	Check	No Message	0.477	Envelope Flexion	8.5
Story2	C12	41	0	Col Comp 30x30	Check	No Message	0.96	Envelope Flexion	8.5
Story2	C12	41	1450	Col Comp 30x30	Check	No Message	0.136	Envelope Flexion	8.5
Story2	C12	41	2800	Col Comp 30x30	Check	No Message	0.478	Envelope Flexion	8.5

Story	Label	Unique Name	Station mm	Design Section	Design/Check	Status	PMR Ratio	PMR Combo	As,min cm ²
Story2	C13	42	0	Col Comp 30x30	Check	No Message	0.755	Envelope Flexion	8.5
Story2	C13	42	1450	Col Comp 30x30	Check	No Message	0.129	Envelope Flexion	8.5
Story2	C13	42	2800	Col Comp 30x30	Check	No Message	0.628	Envelope Flexion	8.5
Story2	C14	43	0	Col Comp 30x30	Check	No Message	0.784	Envelope Flexion	8.5
Story2	C14	43	1450	Col Comp 30x30	Check	No Message	0.14	Envelope Flexion	8.5
Story2	C14	43	2800	Col Comp 30x30	Check	No Message	0.632	Envelope Flexion	8.5
Story2	C15	44	0	Col Comp 30x30	Check	No Message	0.606	Envelope Flexion	8.5
Story2	C15	44	1450	Col Comp 30x30	Check	No Message	0.082	Envelope Flexion	8.5
Story2	C15	44	2800	Col Comp 30x30	Check	No Message	0.467	Envelope Flexion	8.5
Story2	C16	45	0	Col Comp 30x30	Check	No Message	0.633	Envelope Flexion	8.5
Story2	C16	45	1450	Col Comp 30x30	Check	No Message	0.131	Envelope Flexion	8.5
Story2	C16	45	2800	Col Comp 30x30	Check	No Message	0.403	Envelope Flexion	8.5
Story2	C17	54	0	Col Comp 30x30	Check	No Message	0.646	Envelope Flexion	8.5
Story2	C17	54	1450	Col Comp 30x30	Check	No Message	0.14	Envelope Flexion	8.5
Story2	C17	54	2800	Col Comp 30x30	Check	No Message	0.41	Envelope Flexion	8.5
Story2	C18	55	0	Col Comp 30x30	Check	No Message	0.901	Envelope Flexion	8.5
Story2	C18	55	1450	Col Comp 30x30	Check	No Message	0.22	Envelope Flexion	8.5
Story2	C18	55	2800	Col Comp 30x30	Check	No Message	0.494	Envelope Flexion	8.5
Story2	C19	56	0	Col Comp 30x30	Check	No Message	0.877	Envelope Flexion	8.5
Story2	C19	56	1450	Col Comp 30x30	Check	No Message	0.217	Envelope Flexion	8.5
Story2	C19	56	2800	Col Comp 30x30	Check	No Message	0.474	Envelope Flexion	8.5
Story2	C20	57	0	Col Comp 30x30	Check	No Message	0.876	Envelope Flexion	8.5
Story2	C20	57	1450	Col Comp 30x30	Check	No Message	0.217	Envelope Flexion	8.5
Story2	C20	57	2800	Col Comp 30x30	Check	No Message	0.472	Envelope Flexion	8.5
Story2	C21	58	0	Col Comp 30x30	Check	No Message	0.947	Envelope Flexion	8.5
Story2	C21	58	1450	Col Comp 30x30	Check	No Message	0.212	Envelope Flexion	8.5
Story2	C21	58	2800	Col Comp 30x30	Check	No Message	0.456	Envelope Flexion	8.5
Story2	C22	59	0	Col Comp 30x30	Check	No Message	0.782	Envelope Flexion	8.5
Story2	C22	59	1450	Col Comp 30x30	Check	No Message	0.171	Envelope Flexion	8.5
Story2	C22	59	2800	Col Comp 30x30	Check	No Message	0.475	Envelope Flexion	8.5
Story2	C23	80	0	Col Comp 30x30	Check	No Message	0.513	Envelope Flexion	8.5
Story2	C23	80	1450	Col Comp 30x30	Check	No Message	0.08	Envelope Flexion	8.5
Story2	C23	80	2800	Col Comp 30x30	Check	No Message	0.368	Envelope Flexion	8.5
Story1	C1	13	0	Col Comp 45x45	Check	No Message	0.872	Envelope Flexion	19.5
Story1	C1	13	1625	Col Comp 45x45	Check	No Message	0.241	Envelope Flexion	19.5
Story1	C1	13	3250	Col Comp 45x45	Check	No Message	0.395	Envelope Flexion	19.5
Story1	C2	14	0	Col Comp 45x45	Check	No Message	0.754	Envelope Flexion	19.5
Story1	C2	14	1600	Col Comp 45x45	Check	No Message	0.257	Envelope Flexion	19.5
Story1	C2	14	3200	Col Comp 45x45	Check	No Message	0.65	Envelope Flexion	19.5
Story1	C3	15	0	Col Comp 45x45	Check	No Message	0.713	Envelope Flexion	19.5
Story1	C3	15	1600	Col Comp 45x45	Check	No Message	0.247	Envelope Flexion	19.5
Story1	C3	15	3200	Col Comp 45x45	Check	No Message	0.513	Envelope Flexion	19.5
Story1	C4	16	0	Col Comp 45x45	Check	No Message	0.696	Envelope Flexion	19.5
Story1	C4	16	1600	Col Comp 45x45	Check	No Message	0.241	Envelope Flexion	19.5
Story1	C4	16	3200	Col Comp 45x45	Check	No Message	0.508	Envelope Flexion	19.5
Story1	C5	17	0	Col Comp 45x45	Check	No Message	0.665	Envelope Flexion	19.5
Story1	C5	17	1600	Col Comp 45x45	Check	No Message	0.236	Envelope Flexion	19.5
Story1	C5	17	3200	Col Comp 45x45	Check	No Message	0.506	Envelope Flexion	19.5
Story1	C6	18	0	Col Comp 45x45	Check	No Message	0.697	Envelope Flexion	19.5
Story1	C6	18	1600	Col Comp 45x45	Check	No Message	0.238	Envelope Flexion	19.5
Story1	C6	18	3200	Col Comp 45x45	Check	No Message	0.546	Envelope Flexion	19.5
Story1	C8	20	0	Col Comp 45x45	Check	No Message	0.604	Envelope Flexion	19.5
Story1	C8	20	1625	Col Comp 45x45	Check	No Message	0.209	Envelope Flexion	19.5
Story1	C8	20	3250	Col Comp 45x45	Check	No Message	0.368	Envelope Flexion	19.5
Story1	C9	30	0	Col Comp 45x45	Check	No Message	0.639	Envelope Flexion	19.5
Story1	C9	30	1625	Col Comp 45x45	Check	No Message	0.214	Envelope Flexion	19.5

Story	Label	Unique Name	Station mm	Design Section	Design/Check	Status	PMI Ratio	PMI Combo	As min cm³	Story	Label	Unique Name	Station mm	As cm³	Mid Bar As cm²	Corner Bar As cm²	V Major Combo	ATV Major cm²/m	V Minor Combo
Story1	C9	30	3250	Col Comp 45x45	Check	No Message	0.36	Envelope Flexion	19.5	Story2	C3	23	0	23.2			Envelope Flexion	4.9	Envelope Flexion
Story1	C10	31	0	Col Comp 45x45	Check	No Message	0.63	Envelope Flexion	19.5	Story2	C3	23	1450	23.2			Envelope Flexion	4.9	Envelope Flexion
Story1	C10	31	1600	Col Comp 45x45	Check	No Message	0.245	Envelope Flexion	19.5	Story2	C3	23	2900	23.2			Envelope Flexion	4.9	Envelope Flexion
Story1	C11	32	0	Col Comp 45x45	Check	No Message	0.376	Envelope Flexion	19.5	Story2	C4	25	0	23.2			Envelope Flexion	4.9	Envelope Flexion
Story1	C11	32	1600	Col Comp 45x45	Check	No Message	0.59	Envelope Flexion	19.5	Story2	C4	25	1450	23.2			Envelope Flexion	4.9	Envelope Flexion
Story1	C11	32	3200	Col Comp 45x45	Check	No Message	0.234	Envelope Flexion	19.5	Story2	C4	25	2900	23.2			Envelope Flexion	4.9	Envelope Flexion
Story1	C12	33	0	Col Comp 45x45	Check	See WarnMsg	0.34	Envelope Flexion	19.5	Story2	C5	26	0	23.2			Envelope Flexion	4.87	Envelope Flexion
Story1	C12	33	1600	Col Comp 45x45	Check	No Message	0.673	Envelope Flexion	19.5	Story2	C5	26	1450	23.2			Envelope Flexion	4.87	Envelope Flexion
Story1	C12	33	3200	Col Comp 45x45	Check	No Message	0.232	Envelope Flexion	19.5	Story2	C5	26	2900	23.2			Envelope Flexion	4.87	Envelope Flexion
Story1	C13	34	0	Col Comp 45x45	Check	See WarnMsg	0.329	Envelope Flexion	19.5	Story2	C6	27	0	23.2			Envelope Flexion	5.13	Envelope Flexion
Story1	C13	34	1600	Col Comp 45x45	Check	No Message	0.557	Envelope Flexion	19.5	Story2	C6	27	1450	23.2			Envelope Flexion	5.13	Envelope Flexion
Story1	C13	34	3200	Col Comp 45x45	Check	No Message	0.322	Envelope Flexion	19.5	Story2	C6	27	2900	23.2			Envelope Flexion	5.13	Envelope Flexion
Story1	C14	35	0	Col Comp 45x45	Check	No Message	0.607	Envelope Flexion	19.5	Story2	C6	29	0	23.2			Envelope Flexion	3.2	Envelope Flexion
Story1	C14	35	1600	Col Comp 45x45	Check	No Message	0.277	Envelope Flexion	19.5	Story2	C6	29	1450	23.2			Envelope Flexion	3.2	Envelope Flexion
Story1	C14	35	3200	Col Comp 45x45	Check	No Message	0.224	Envelope Flexion	19.5	Story2	C6	29	2900	23.2			Envelope Flexion	3.2	Envelope Flexion
Story1	C15	36	0	Col Comp 45x45	Check	See WarnMsg	0.419	Envelope Flexion	19.5	Story2	C7	30	0	23.2			Envelope Flexion	3.94	Envelope Flexion
Story1	C15	36	1600	Col Comp 45x45	Check	No Message	0.627	Envelope Flexion	19.5	Story2	C7	30	1450	23.2			Envelope Flexion	3.94	Envelope Flexion
Story1	C15	36	3200	Col Comp 45x45	Check	No Message	0.155	Envelope Flexion	19.5	Story2	C7	30	2900	23.2			Envelope Flexion	3.94	Envelope Flexion
Story1	C16	37	0	Col Comp 45x45	Check	No Message	0.277	Envelope Flexion	19.5	Story2	C8	31	0	23.2			Envelope Flexion	5.35	Envelope Flexion
Story1	C16	37	1600	Col Comp 45x45	Check	No Message	0.59	Envelope Flexion	19.5	Story2	C8	31	1450	23.2			Envelope Flexion	5.35	Envelope Flexion
Story1	C16	37	3200	Col Comp 45x45	Check	No Message	0.206	Envelope Flexion	19.5	Story2	C8	31	2900	23.2			Envelope Flexion	5.35	Envelope Flexion
Story1	C17	46	0	Col Comp 45x45	Check	No Message	0.404	Envelope Flexion	19.5	Story2	C9	38	0	23.2			Envelope Flexion	5.33	Envelope Flexion
Story1	C17	46	1600	Col Comp 45x45	Check	No Message	0.655	Envelope Flexion	19.5	Story2	C9	38	1450	23.2			Envelope Flexion	5.33	Envelope Flexion
Story1	C17	46	3200	Col Comp 45x45	Check	No Message	0.235	Envelope Flexion	19.5	Story2	C9	38	2900	23.2			Envelope Flexion	5.33	Envelope Flexion
Story1	C18	47	0	Col Comp 45x45	Check	No Message	0.387	Envelope Flexion	19.5	Story2	C10	39	0	23.2			Envelope Flexion	5.33	Envelope Flexion
Story1	C18	47	1600	Col Comp 45x45	Check	No Message	0.732	Envelope Flexion	19.5	Story2	C10	39	1450	23.2			Envelope Flexion	5.33	Envelope Flexion
Story1	C18	47	3200	Col Comp 45x45	Check	No Message	0.253	Envelope Flexion	19.5	Story2	C10	39	2900	23.2			Envelope Flexion	5.33	Envelope Flexion
Story1	C19	48	0	Col Comp 45x45	Check	No Message	0.55	Envelope Flexion	19.5	Story2	C11	40	0	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C19	48	1600	Col Comp 45x45	Check	No Message	0.69	Envelope Flexion	19.5	Story2	C11	40	1450	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C19	48	3200	Col Comp 45x45	Check	No Message	0.242	Envelope Flexion	19.5	Story2	C11	40	2900	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C20	48	0	Col Comp 45x45	Check	No Message	0.49	Envelope Flexion	19.5	Story2	C12	41	0	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C20	48	1600	Col Comp 45x45	Check	No Message	0.674	Envelope Flexion	19.5	Story2	C12	41	1450	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C20	48	3200	Col Comp 45x45	Check	No Message	0.236	Envelope Flexion	19.5	Story2	C12	41	2900	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C21	50	0	Col Comp 45x45	Check	No Message	0.488	Envelope Flexion	19.5	Story2	C13	42	0	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C21	50	1600	Col Comp 45x45	Check	No Message	0.96	Envelope Flexion	19.5	Story2	C13	42	1450	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C21	50	3200	Col Comp 45x45	Check	No Message	0.234	Envelope Flexion	19.5	Story2	C13	42	2900	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C22	51	0	Col Comp 45x45	Check	No Message	0.487	Envelope Flexion	19.5	Story2	C14	43	0	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C22	51	1600	Col Comp 45x45	Check	No Message	0.655	Envelope Flexion	19.5	Story2	C14	43	1450	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C22	51	3200	Col Comp 45x45	Check	No Message	0.209	Envelope Flexion	19.5	Story2	C14	43	2900	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C23	52	0	Col Comp 45x45	Check	No Message	0.476	Envelope Flexion	19.5	Story2	C15	44	0	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C23	52	1600	Col Comp 45x45	Check	No Message	0.537	Envelope Flexion	19.5	Story2	C15	44	1450	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C23	52	3200	Col Comp 45x45	Check	No Message	0.18	Envelope Flexion	19.5	Story2	C15	44	2900	23.2			Envelope Flexion	5.85	Envelope Flexion
Story1	C23	52	3250	Col Comp 45x45	Check	No Message	0.288	Envelope Flexion	19.5	Story2	C16	45	0	23.2			Envelope Flexion	5.85	Envelope Flexion
Story2	C1	21	0	23.2				Envelope Flexion	3.34	Story2	C16	45	1450	23.2			Envelope Flexion	4.94	Envelope Flexion
Story2	C1	21	1450	23.2				Envelope Flexion	3.34	Story2	C16	45	2900	23.2			Envelope Flexion	4.94	Envelope Flexion
Story2	C1	21	2900	23.2				Envelope Flexion	3.34	Story2	C17	54	0	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	0	23.2				Envelope Flexion	5.21	Story2	C17	54	1450	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	1450	23.2				Envelope Flexion	5.21	Story2	C17	54	2900	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C18	55	0	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C18	55	1450	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C18	55	2900	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C19	56	0	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C19	56	1450	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C19	56	2900	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C20	57	0	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C20	57	1450	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C20	57	2900	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C21	58	0	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C21	58	1450	23.2			Envelope Flexion	4.66	Envelope Flexion
Story2	C2	22	2900	23.2				Envelope Flexion	5.21	Story2	C21	58	2900	23.2			Envelope Flexion	4.66	Envelope Flexion

Design Data

Design Data

Story	Label	Unique Name	Station mm	As cm ²	Mid Bar As cm ²	Corner Bar As cm ²	V Major Combo	At V Major cm ² /m	V Minor Combo
Story2	C22	S9	0	23.2			Envelope Flexion	4.46	Envelope Flexion
Story2	C22	S9	1450	23.2			Envelope Flexion	4.46	Envelope Flexion
Story2	C22	S9	2900	23.2			Envelope Flexion	4.46	Envelope Flexion
Story2	C23	S6	0	23.2			Envelope Flexion	3.06	Envelope Flexion
Story2	C23	S6	1450	23.2			Envelope Flexion	3.06	Envelope Flexion
Story2	C23	S6	2900	23.2			Envelope Flexion	3.06	Envelope Flexion
Story1	C1	S13	0	34.8			(Flex) 1.20 + 1L + 0.3Ex - Ey	4.48	Envelope Flexion
Story1	C1	S13	1625	34.8			(Flex) 1.20 + 1L + 0.3Ex - Ey	4.48	Envelope Flexion
Story1	C1	S13	3250	34.8			(Flex) 1.20 + 1L + 0.3Ex - Ey	4.49	Envelope Flexion
Story1	C2	S14	0	34.8			Envelope Flexion	4.37	Envelope Flexion
Story1	C2	S14	1600	34.8			Envelope Flexion	4.37	Envelope Flexion
Story1	C2	S14	3200	34.8			Envelope Flexion	4.37	Envelope Flexion
Story1	C3	S15	0	34.8			Envelope Flexion	4.08	Envelope Flexion
Story1	C3	S15	1600	34.8			Envelope Flexion	4.08	Envelope Flexion
Story1	C3	S15	3200	34.8			Envelope Flexion	4.08	Envelope Flexion
Story1	C4	S16	0	34.8			Envelope Flexion	4.11	Envelope Flexion
Story1	C4	S16	1600	34.8			Envelope Flexion	4.11	Envelope Flexion
Story1	C4	S16	3200	34.8			Envelope Flexion	4.11	Envelope Flexion
Story1	C5	S17	0	34.8			Envelope Flexion	4.11	Envelope Flexion
Story1	C5	S17	1600	34.8			Envelope Flexion	4.11	Envelope Flexion
Story1	C5	S17	3200	34.8			Envelope Flexion	4.11	Envelope Flexion
Story1	C6	S18	0	34.8			Envelope Flexion	4.3	Envelope Flexion
Story1	C6	S18	1600	34.8			Envelope Flexion	4.3	Envelope Flexion
Story1	C6	S18	3200	34.8			Envelope Flexion	4.3	Envelope Flexion
Story1	C8	S20	1625	34.8			Envelope Flexion	4.52	Envelope Flexion
Story1	C8	S20	3250	34.8			Envelope Flexion	4.52	Envelope Flexion
Story1	C9	S30	0	34.8			Envelope Flexion	5.28	Envelope Flexion
Story1	C9	S30	1625	34.8			Envelope Flexion	5.28	Envelope Flexion
Story1	C9	S30	3250	34.8			Envelope Flexion	5.28	Envelope Flexion
Story1	C10	S31	0	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C10	S31	1600	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C10	S31	3200	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C11	S32	0	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C11	S32	1600	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C11	S32	3200	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C12	S33	0	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C12	S33	1600	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C12	S33	3200	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C13	S34	0	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C13	S34	1600	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C13	S34	3200	34.8			Envelope Flexion	3.75	Envelope Flexion
Story1	C14	S35	0	34.8			Envelope Flexion	4.8	Envelope Flexion
Story1	C14	S35	1600	34.8			Envelope Flexion	4.8	Envelope Flexion
Story1	C14	S35	3200	34.8			Envelope Flexion	4.8	Envelope Flexion
Story1	C15	S36	0	34.8			Envelope Flexion	4.17	Envelope Flexion
Story1	C15	S36	1625	34.8			Envelope Flexion	4.17	Envelope Flexion
Story1	C15	S36	3250	34.8			Envelope Flexion	4.17	Envelope Flexion
Story1	C16	S37	0	34.8			(Flex) 0.90 + 0.3Ex + 1Ey	4.16	Envelope Flexion
Story1	C16	S37	1625	34.8			(Flex) 0.90 + 0.3Ex + 1Ey	4.16	Envelope Flexion
Story1	C16	S37	3250	34.8			(Flex) 0.90 + 0.3Ex + 1Ey	4.16	Envelope Flexion
Story1	C17	S46	0	34.8			Envelope Flexion	4.48	Envelope Flexion
Story1	C17	S46	1625	34.8			Envelope Flexion	4.48	Envelope Flexion
Story1	C17	S46	3250	34.8			Envelope Flexion	4.48	Envelope Flexion
Story1	C17	S46	3250	34.8			Envelope Flexion	4.48	Envelope Flexion

Story	Label	Unique Name	Station mm	At V Minor cm ² /m	Wardings	Errors
Story2	C1	S21	0	3.83	No Message	No Message
Story2	C1	S21	1450	3.83	No Message	No Message
Story2	C1	S21	2900	3.83	No Message	No Message
Story2	C2	S22	0	5.12	No Message	No Message
Story2	C2	S22	1450	5.12	No Message	No Message
Story2	C2	S22	2900	5.12	No Message	No Message
Story2	C3	S23	0	5.14	No Message	No Message
Story2	C3	S23	1450	5.14	No Message	No Message
Story2	C3	S23	2900	5.14	No Message	No Message
Story2	C4	S25	0	5.08	No Message	No Message
Story2	C4	S25	1450	5.08	No Message	No Message
Story2	C4	S25	2900	5.08	No Message	No Message
Story2	C5	S26	0	4.86	No Message	No Message
Story2	C5	S26	1450	4.86	No Message	No Message
Story2	C5	S26	2900	4.86	No Message	No Message
Story2	C6	S27	0	4.49	No Message	No Message
Story2	C6	S27	1450	4.49	No Message	No Message
Story2	C6	S27	2900	4.49	No Message	No Message
Story2	C8	S29	0	3.82	No Message	No Message
Story2	C8	S29	1450	3.82	No Message	No Message
Story2	C8	S29	2900	3.82	No Message	No Message
Story2	C9	S38	0	5.61	No Message	No Message
Story2	C9	S38	1450	5.61	No Message	No Message
Story2	C9	S38	2900	5.61	No Message	No Message
Story2	C10	S39	0	6.44	No Message	No Message
Story2	C10	S39	1450	6.44	No Message	No Message
Story2	C10	S39	2900	6.44	No Message	No Message
Story2	C11	S40	0	6.55	No Message	No Message
Story2	C11	S40	1450	6.55	No Message	No Message
Story2	C11	S40	2900	6.55	No Message	No Message

Table 5.2 - Concrete Column Summary - ACI 318-08 (Part 3 of 3)

Story	Label	Unique Name	Station mm	At V Minor cm ² /m	Warnings	Errors
Story2	C12	41	0	6.45	No Message	No Message
Story2	C12	41	1450	6.45	No Message	No Message
Story2	C12	41	2900	6.45	No Message	No Message
Story2	C13	42	0	6.16	No Message	No Message
Story2	C13	42	1450	6.16	No Message	No Message
Story2	C13	42	2900	6.16	No Message	No Message
Story2	C14	43	0	5.79	No Message	No Message
Story2	C14	43	1450	5.79	No Message	No Message
Story2	C14	43	2900	5.79	No Message	No Message
Story2	C15	44	0	3.53	No Message	No Message
Story2	C15	44	1450	3.53	No Message	No Message
Story2	C15	44	2900	3.53	No Message	No Message
Story2	C16	45	0	3.53	No Message	No Message
Story2	C16	45	1450	3.53	No Message	No Message
Story2	C16	45	2900	3.53	No Message	No Message
Story2	C17	54	0	3.83	No Message	No Message
Story2	C17	54	1450	3.83	No Message	No Message
Story2	C17	54	2900	3.83	No Message	No Message
Story2	C18	55	0	5.08	No Message	No Message
Story2	C18	55	1450	5.08	No Message	No Message
Story2	C18	55	2900	5.08	No Message	No Message
Story2	C19	56	0	5.1	No Message	No Message
Story2	C19	56	1450	5.1	No Message	No Message
Story2	C19	56	2900	5.1	No Message	No Message
Story2	C20	57	0	5.03	No Message	No Message
Story2	C20	57	1450	5.03	No Message	No Message
Story2	C20	57	2900	5.03	No Message	No Message
Story2	C21	58	0	4.83	No Message	No Message
Story2	C21	58	1450	4.83	No Message	No Message
Story2	C21	58	2900	4.83	No Message	No Message
Story2	C22	59	0	3.88	No Message	No Message
Story2	C22	59	1450	3.88	No Message	No Message
Story2	C22	59	2900	3.88	No Message	No Message
Story2	C23	60	0	3.72	No Message	No Message
Story2	C23	60	1450	3.72	No Message	No Message
Story2	C23	60	2900	3.72	No Message	No Message
Story1	C1	13	0	5.5	No Message	No Message
Story1	C1	13	1625	5.5	No Message	No Message
Story1	C1	13	3250	5.5	No Message	No Message
Story1	C2	14	0	7.1	No Message	No Message
Story1	C2	14	1600	7.1	No Message	No Message
Story1	C2	14	3200	7.1	No Message	No Message
Story1	C3	15	0	6.7	No Message	No Message
Story1	C3	15	1600	6.7	No Message	No Message
Story1	C3	15	3200	6.7	No Message	No Message
Story1	C4	16	0	6.59	No Message	No Message
Story1	C4	16	1600	6.59	No Message	No Message
Story1	C4	16	3200	6.59	No Message	No Message
Story1	C5	17	0	6.49	No Message	No Message
Story1	C5	17	1600	6.49	No Message	No Message
Story1	C5	17	3200	6.49	No Message	No Message
Story1	C6	18	0	6.77	No Message	No Message
Story1	C6	18	1600	6.77	No Message	No Message
Story1	C6	18	3200	6.77	No Message	No Message
Story1	C8	20	0	4.33	No Message	No Message

Story	Label	Unique Name	Station mm	At V Minor cm ² /m	Warnings	Errors
Story1	C8	20	1625	4.33	No Message	No Message
Story1	C8	20	3250	4.33	No Message	No Message
Story1	C9	30	0	7.53	No Message	No Message
Story1	C9	30	1625	7.53	No Message	No Message
Story1	C9	30	3250	7.53	No Message	No Message
Story1	C10	31	0	9.2	No Message	No Message
Story1	C10	31	1600	9.22	No Message	No Message
Story1	C10	31	3200	9.23	Beam/Column capacity ratio exceeds limit	No Message
Story1	C11	32	0	8.45	No Message	No Message
Story1	C11	32	1600	8.47	No Message	No Message
Story1	C11	32	3200	8.48	Beam/Column capacity ratio exceeds limit	No Message
Story1	C12	33	0	8.32	No Message	No Message
Story1	C12	33	1600	8.34	No Message	No Message
Story1	C12	33	3200	8.36	Beam/Column capacity ratio exceeds limit	No Message
Story1	C13	34	0	6.27	No Message	No Message
Story1	C13	34	1600	6.28	No Message	No Message
Story1	C13	34	3200	6.3	Beam/Column capacity ratio exceeds limit	No Message
Story1	C14	35	0	14.01	No Message	No Message
Story1	C14	35	1600	14.01	No Message	No Message
Story1	C14	35	3200	14.01	Beam/Column capacity ratio exceeds limit	No Message
Story1	C15	36	0	4.12	No Message	No Message
Story1	C15	36	1625	4.12	No Message	No Message
Story1	C15	36	3250	4.12	No Message	No Message
Story1	C16	37	0	4.35	No Message	No Message
Story1	C16	37	1625	4.35	No Message	No Message
Story1	C16	37	3250	4.35	No Message	No Message
Story1	C17	46	0	6.31	No Message	No Message
Story1	C17	46	1625	6.31	No Message	No Message
Story1	C17	46	3250	6.31	No Message	No Message
Story1	C18	47	0	6.81	No Message	No Message
Story1	C18	47	1600	6.81	No Message	No Message
Story1	C18	47	3200	6.81	No Message	No Message
Story1	C19	48	0	6.4	No Message	No Message
Story1	C19	48	1600	6.4	No Message	No Message
Story1	C19	48	3200	6.4	No Message	No Message
Story1	C20	49	0	6.31	No Message	No Message
Story1	C20	49	1600	6.31	No Message	No Message
Story1	C20	49	3200	6.31	No Message	No Message
Story1	C21	50	0	6.28	No Message	No Message
Story1	C21	50	1600	6.28	No Message	No Message
Story1	C21	50	3200	6.28	No Message	No Message
Story1	C22	51	0	5.2	No Message	No Message
Story1	C22	51	1600	5.2	No Message	No Message
Story1	C22	51	3200	5.2	No Message	No Message
Story1	C23	52	0	4.41	No Message	No Message
Story1	C23	52	1625	4.41	No Message	No Message
Story1	C23	52	3250	4.41	No Message	No Message

Table 6.3 - Concrete Beam Summary - ACI 318-08 (Part 1 of 3)

Story	Label	Unique Name	Station mm	Status	As Top Combo	As Top cm ²	As Bottom Combo
Story2	B12	B5	150	No Message	Envelope Flexion	2.2	Envelope Flexion
Story2	B12	B5	800	No Message	Envelope Flexion	1.3	Envelope Flexion

Design Data

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Design Data

Design Data

Story	Label	Unique Name	Station mm	Design Section	Status	As Top Combo	As Top cm ²	As Bottom Combo
Story2	B76	253	3990	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B76	253	4470	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B76	253	4650	No Message	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B76	253	5430	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B76	253	5910	Vig 40x20	No Message	Envelope Flexion	1,7	Envelope Flexion
Story2	B76	253	6390	Vig 40x20	No Message	Envelope Flexion	2,7	Envelope Flexion
Story2	B76	253	6970	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B76	253	7350	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B77	254	150	Vig 40x20	No Message	Envelope Flexion	0,9	Envelope Flexion
Story2	B77	254	450	Vig 40x20	No Message	Envelope Flexion	0,5	Envelope Flexion
Story2	B77	254	750	Vig 40x20	No Message	Envelope Flexion	0,1	Envelope Flexion
Story2	B77	255	0	No Message	No Message	Envelope Flexion	0,1	Envelope Flexion
Story2	B78	255	300	Vig 40x20	No Message	Envelope Flexion	0,5	Envelope Flexion
Story2	B78	255	600	Vig 40x20	No Message	Envelope Flexion	0,9	Envelope Flexion
Story2	B78	255	900	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B79	256	150	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B79	256	630	Vig 40x20	No Message	Envelope Flexion	2,8	Envelope Flexion
Story2	B79	256	1110	Vig 40x20	No Message	Envelope Flexion	1,7	Envelope Flexion
Story2	B79	256	1590	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	2070	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	2550	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	3030	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	3510	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	3990	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	4470	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	4950	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B79	256	5430	Vig 40x20	No Message	Envelope Flexion	1,2	Envelope Flexion
Story2	B79	256	5910	Vig 40x20	No Message	Envelope Flexion	2,2	Envelope Flexion
Story2	B79	256	6390	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B79	256	6870	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B79	256	7350	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B80	257	150	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B80	257	630	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B80	257	1110	Vig 40x20	No Message	Envelope Flexion	2,1	Envelope Flexion
Story2	B80	257	1590	Vig 40x20	No Message	Envelope Flexion	1,2	Envelope Flexion
Story2	B80	257	2070	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	2550	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	3030	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	3510	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	3990	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	4470	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	4950	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	5430	Vig 40x20	No Message	Envelope Flexion	1,1	Envelope Flexion
Story2	B80	257	5910	Vig 40x20	No Message	Envelope Flexion	1,7	Envelope Flexion
Story2	B80	257	6390	Vig 40x20	No Message	Envelope Flexion	2,7	Envelope Flexion
Story2	B80	257	6870	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B80	257	7350	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B81	258	150	Vig 40x20	No Message	Envelope Flexion	0,9	Envelope Flexion
Story2	B81	258	450	Vig 40x20	No Message	Envelope Flexion	0,5	Envelope Flexion
Story2	B81	258	750	Vig 40x20	No Message	Envelope Flexion	0,1	Envelope Flexion
Story2	B81	258	0	No Message	No Message	Envelope Flexion	0,1	Envelope Flexion
Story2	B82	259	300	Vig 40x20	No Message	Envelope Flexion	0,5	Envelope Flexion
Story2	B82	259	600	Vig 40x20	No Message	Envelope Flexion	0,9	Envelope Flexion
Story2	B83	260	150	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B83	260	630	Vig 40x20	No Message	Envelope Flexion	3	Envelope Flexion
Story2	B83	260	1110	Vig 40x20	No Message	Envelope Flexion	2,7	Envelope Flexion

Design Data

[illegible]

Design Data

Story	Label	Unique Name	Station mm	Design Section	Status	As Top Combo	As Min Top cm ²	As Top cm ²	As Bottom Combo	Story	Label	Unique Name	Station mm	Design Section	Status	As Top Combo	As Min Top cm ²	As Top cm ²	As Bottom Combo
Story1	B31	99	1000	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	2500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B31	99	1500	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	3000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B31	99	2000	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	3500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B31	99	2500	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	4000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B31	99	3000	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	4500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B31	99	3500	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	5000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	Envolante Flexion
Story1	B31	99	4000	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	5500	Viguet 40x13	No Message	Envolante Flexion	2	2	Envolante Flexion
Story1	B31	99	4500	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B35	103	6000	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion
Story1	B31	99	5000	Viguet 40x13	No Message	Envolante Flexion	0,7	0,7	Envolante Flexion	Story1	B36	104	0						Envolante Flexion
Story1	B31	99	5500	Viguet 40x13	No Message	Envolante Flexion	1,6	1,6	Envolante Flexion	Story1	B36	104	500	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion
Story1	B31	99	6000	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B36	104	1000	Viguet 40x13	No Message	Envolante Flexion	1,9	1,9	Envolante Flexion
Story1	B32	100	0	Viguet 40x13	No Message	Envolante Flexion	2,2	2,2	Envolante Flexion	Story1	B36	104	1500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	Envolante Flexion
Story1	B32	100	500	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	Envolante Flexion	Story1	B36	104	2000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B32	100	1000	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	2500	Viguet 40x13	No Message	Envolante Flexion	3,8	3,8	(Flex) 1,20 × 1,6L
Story1	B32	100	1500	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	3000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B32	100	2000	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	3500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B32	100	2500	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	4000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B32	100	3000	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	4500	Viguet 40x13	No Message	Envolante Flexion	3,8	3,8	(Flex) 1,20 × 1,6L
Story1	B32	100	3500	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	5000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	Envolante Flexion
Story1	B32	100	4000	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	5500	Viguet 40x13	No Message	Envolante Flexion	1,8	1,8	Envolante Flexion
Story1	B32	100	4500	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B36	104	6000	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion
Story1	B32	100	5000	Viguet 40x13	No Message	Envolante Flexion	1,3	1,3	(Flex) 1,20 × 1,6L	Story1	B37	105	0						Envolante Flexion
Story1	B32	100	5500	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B37	105	500	Viguet 40x13	No Message	Envolante Flexion	1,8	1,8	Envolante Flexion
Story1	B32	100	6000	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B37	105	1000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	Envolante Flexion
Story1	B33	101	0	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B37	105	1500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	500	Viguet 40x13	No Message	Envolante Flexion	1,6	1,6	Envolante Flexion	Story1	B37	105	2000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	1000	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	2500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	1500	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	3000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	2000	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	3500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	2500	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	4000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	3000	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	4500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	3500	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	5000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B33	101	4000	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	5500	Viguet 40x13	No Message	Envolante Flexion	1,8	1,8	Envolante Flexion
Story1	B33	101	4500	Viguet 40x13	No Message	Envolante Flexion	1,4	1,4	(Flex) 1,20 × 1,6L	Story1	B37	105	6000	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion
Story1	B33	101	5000	Viguet 40x13	No Message	Envolante Flexion	1,5	1,5	(Flex) 1,20 × 1,6L	Story1	B38	106	0						Envolante Flexion
Story1	B33	101	5500	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B38	106	500	Viguet 40x13	No Message	Envolante Flexion	1,9	1,9	Envolante Flexion
Story1	B33	101	6000	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B38	106	1000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	Envolante Flexion
Story1	B34	102	0	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B38	106	1500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B34	102	500	Viguet 40x13	No Message	Envolante Flexion	2,4	2,4	Envolante Flexion	Story1	B38	106	2000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B34	102	1000	Viguet 40x13	No Message	Envolante Flexion	1,2	1,2	Envolante Flexion	Story1	B38	106	2500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B34	102	1500	Viguet 40x13	No Message	Envolante Flexion	0,9	0,9	(Flex) 1,20 × 1,6L	Story1	B38	106	3000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B34	102	2000	Viguet 40x13	No Message	Envolante Flexion	0,9	0,9	(Flex) 1,20 × 1,6L	Story1	B38	106	3500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B34	102	2500	Viguet 40x13	No Message	Envolante Flexion	0,9	0,9	(Flex) 1,20 × 1,6L	Story1	B38	106	4000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B34	102	3000	Viguet 40x13	No Message	Envolante Flexion	0,9	0,9	(Flex) 1,20 × 1,6L	Story1	B38	106	4500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B34	102	3500	Viguet 40x13	No Message	Envolante Flexion	0,9	0,9	(Flex) 1,20 × 1,6L	Story1	B38	106	5000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	Envolante Flexion
Story1	B34	102	4000	Viguet 40x13	No Message	Envolante Flexion	0,9	0,9	(Flex) 1,20 × 1,6L	Story1	B38	106	5500	Viguet 40x13	No Message	Envolante Flexion	1,3	1,8	Envolante Flexion
Story1	B34	102	4500	Viguet 40x13	No Message	Envolante Flexion	0,9	0,9	(Flex) 1,20 × 1,6L	Story1	B38	106	6000	Viguet 40x13	No Message	Envolante Flexion	2,3	2,8	Envolante Flexion
Story1	B34	102	5000	Viguet 40x13	No Message	Envolante Flexion	1,1	1,1	Envolante Flexion	Story1	B39	107	0						Envolante Flexion
Story1	B34	102	5500	Viguet 40x13	No Message	Envolante Flexion	2,3	2,3	Envolante Flexion	Story1	B39	107	500	Viguet 40x13	No Message	Envolante Flexion	1,8	1,9	Envolante Flexion
Story1	B34	102	6000	Viguet 40x13	No Message	Envolante Flexion	2,8	2,8	Envolante Flexion	Story1	B39	107	1000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	Envolante Flexion
Story1	B35	103	0	Viguet 40x13	No Message	Envolante Flexion	2,6	2,8	Envolante Flexion	Story1	B39	107	1500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B35	103	500	Viguet 40x13	No Message	Envolante Flexion	2,1	2,1	Envolante Flexion	Story1	B39	107	2000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B35	103	1000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,9	Envolante Flexion	Story1	B39	107	2500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B35	103	1500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L	Story1	B39	107	3000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L
Story1	B35	103	2000	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L	Story1	B39	107	3500	Viguet 40x13	No Message	Envolante Flexion	0,8	0,8	(Flex) 1,20 × 1,6L

Design Data

[illegible]

Design Data

Story	Label	Unique Name	Station mm	Design Section	Status	As Top Combo	As, rlin, top, cni	As Top cni	As Bottom Combo
Story1	B121	189	0	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
	B121	189	500	Viguel 40x13	No Message	Envelope Flexion	1,8	1,8	Envelope Flexion
Story1	B121	189	1000	Viguel 40x13	No Message	Envelope Flexion	3,8	0,8	Envelope Flexion
Story1	B121	189	1500	Viguel 40x13	No Message	Envelope Flexion	3,8	0,8	(Flex) 1,2D + 1,6L
	B121	189	2000	Viguel 40x13	No Message	Envelope Flexion	3,8	0,8	(Flex) 1,2D + 1,6L
Story1	B121	189	2300	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
	B121	189	3000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B121	189	3500	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
	B121	189	4000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B121	189	4500	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B121	189	5000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	Envelope Flexion
	B121	189	5500	Viguel 40x13	No Message	Envelope Flexion	1,8	1,8	Envelope Flexion
Story1	B121	189	6000	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
	B122	190	0	Viguel 40x13	No Message	Envelope Flexion	2,8	2	Envelope Flexion
Story1	B122	190	500	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	Envelope Flexion
	B122	190	1000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B122	190	1500	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
	B122	190	2000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B122	190	2500	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
	B122	190	3000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B122	190	3500	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
	B122	190	4000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B122	190	4500	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
	B122	190	5000	Viguel 40x13	No Message	Envelope Flexion	0,8	0,8	(Flex) 1,2D + 1,6L
Story1	B122	190	5500	Viguel 40x13	No Message	Envelope Flexion	2	2	Envelope Flexion
	B122	190	6000	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
Story1	B123	191	0	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
	B123	191	500	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
Story1	B123	191	1000	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
	B123	191	1500	Viguel 40x13	No Message	Envelope Flexion	1,1	1,1	Envelope Flexion
Story1	B123	191	2000	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
	B123	191	2500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
Story1	B123	191	3000	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
	B123	191	3500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
Story1	B123	191	4000	Viguel 40x13	No Message	Envelope Flexion	0,9	0,8	(Flex) 1,2D + 1,6L
	B123	191	4500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,8	(Flex) 1,2D + 1,6L
Story1	B123	191	5000	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
	B123	191	5500	Viguel 40x13	No Message	Envelope Flexion	1,1	1,1	Envelope Flexion
Story1	B123	191	6000	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
	B123	191	6300	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
Story1	B124	192	0	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
	B124	192	500	Viguel 40x13	No Message	Envelope Flexion	2,4	2,4	Envelope Flexion
Story1	B124	192	1000	Viguel 40x13	No Message	Envelope Flexion	1,2	1,2	Envelope Flexion
	B124	192	1500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
Story1	B124	192	2000	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
	B124	192	2500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,8	(Flex) 1,2D + 1,6L
Story1	B124	192	3000	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
	B124	192	3500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
Story1	B124	192	4000	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
	B124	192	4500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
Story1	B124	192	5000	Viguel 40x13	No Message	Envelope Flexion	1	1	Envelope Flexion
	B124	192	5500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	(Flex) 1,2D + 1,6L
Story1	B124	192	6000	Viguel 40x13	No Message	Envelope Flexion	2,2	2,2	Envelope Flexion
	B124	193	0	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
Story1	B125	193	0	Viguel 40x13	No Message	Envelope Flexion	2,8	2,8	Envelope Flexion
	B125	193	500	Viguel 40x13	No Message	Envelope Flexion	2,6	2,6	Envelope Flexion
Story1	B125	193	1000	Viguel 40x13	No Message	Envelope Flexion	2,1	2,1	Envelope Flexion
	B125	193	1500	Viguel 40x13	No Message	Envelope Flexion	0,9	0,9	Envelope Flexion

Decision Data

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Design Data

Story	Label	Unique Name	Station mm	As,min Bottom cm ²	V Combo	AI Shear cm ² /in	Torsion Long Combo	As,min Bottom cm ²	Station mm	Unique Name	Story	Label	Unique Name	Station mm	As,min Bottom cm ²	V Combo	AI Shear cm ² /in	Torsion Long Combo
Story2	B20	93	5500	0.4	Envelope Flexion	1.91	Envelope Flexion	0.4	300	0.1	Story2	B70	247	300	0.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.69	(Flex) 1.2D + 1.6L
Story2	B20	93	6000	0.7	Envelope Flexion	1.91	Envelope Flexion	0.2	600	0.2	Story2	B70	247	600	0.2	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.8	(Flex) 1.2D + 1.6L
Story2	B21	94	0	0.5	Envelope Flexion	1.91	Envelope Flexion	1.8	150	1.8	Story2	B71	248	150	1.8	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	500	0.5	Envelope Flexion	1.91	Envelope Flexion	1.3	248	1.3	Story2	B71	248	248	1.3	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	1000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.4	1110	1.4	Story2	B71	248	1110	1.4	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	1500	0.5	Envelope Flexion	1.91	Envelope Flexion	1.5	1580	1.5	Story2	B71	248	1580	1.5	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	2000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.5	2070	1.5	Story2	B71	248	2070	1.5	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	2500	0.8	Envelope Flexion	1.91	Envelope Flexion	1.5	2550	1.5	Story2	B71	248	2550	1.5	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	3000	0.6	Envelope Flexion	1.91	Envelope Flexion	1.4	3030	1.4	Story2	B71	248	3030	1.4	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	3500	0.6	Envelope Flexion	1.91	Envelope Flexion	1.2	3510	1.2	Story2	B71	248	3510	1.2	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	4000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.1	3980	1.1	Story2	B71	248	3980	1.1	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	4500	0.5	Envelope Flexion	1.91	Envelope Flexion	1	4470	1	Story2	B71	248	4470	1	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	5000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.1	4950	1.1	Story2	B71	248	4950	1.1	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	5500	0.5	Envelope Flexion	1.91	Envelope Flexion	1	5430	1	Story2	B71	248	5430	1	Envelope Flexion	2.93	Envelope Flexion
Story2	B21	94	6000	0.7	Envelope Flexion	1.91	Envelope Flexion	0.9	5910	0.9	Story2	B71	248	5910	0.9	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	0	0.7	Envelope Flexion	1.91	Envelope Flexion	0.8	6390	0.8	Story2	B71	248	6390	0.8	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	500	0.5	Envelope Flexion	1.91	Envelope Flexion	0.8	6870	0.8	Story2	B71	248	6870	0.8	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	1000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.7	7350	1.7	Story2	B71	248	7350	1.7	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	1500	0.5	Envelope Flexion	1.91	Envelope Flexion	1.7	7830	1.7	Story2	B72	249	150	1.7	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	2000	0.6	Envelope Flexion	1.91	Envelope Flexion	0.8	8310	0.8	Story2	B72	249	690	0.8	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	2500	0.6	Envelope Flexion	1.91	Envelope Flexion	0.8	8790	0.8	Story2	B72	249	1110	0.8	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	3000	0.7	Envelope Flexion	1.91	Envelope Flexion	1	9270	1	Story2	B72	249	1590	1	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	3500	0.6	Envelope Flexion	1.91	Envelope Flexion	1.1	9750	1.1	Story2	B72	249	2070	1.1	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	4000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.1	10230	1.1	Story2	B72	249	2550	1.1	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	4500	0.5	Envelope Flexion	1.91	Envelope Flexion	1	10710	1	Story2	B72	249	3030	1	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	5000	0.7	Envelope Flexion	1.91	Envelope Flexion	1.2	11190	1.2	Story2	B72	249	3510	1.2	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	5500	0.5	Envelope Flexion	1.91	Envelope Flexion	1.2	11670	1.2	Story2	B72	249	3980	1.2	Envelope Flexion	2.93	Envelope Flexion
Story2	B22	95	6000	0.7	Envelope Flexion	1.91	Envelope Flexion	1.4	12150	1.4	Story2	B72	249	4470	1.4	Envelope Flexion	2.93	Envelope Flexion
Story2	B23	96	0	0.7	Envelope Flexion	1.91	Envelope Flexion	1.5	12630	1.5	Story2	B72	249	4950	1.5	Envelope Flexion	2.93	Envelope Flexion
Story2	B23	96	500	0.5	Envelope Flexion	1.91	Envelope Flexion	1.5	13110	1.5	Story2	B72	249	5430	1.5	Envelope Flexion	2.93	Envelope Flexion
Story2	B23	96	1000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.5	13590	1.5	Story2	B72	249	5910	1.5	Envelope Flexion	2.93	Envelope Flexion
Story2	B23	96	1500	0.5	Envelope Flexion	1.91	Envelope Flexion	1.4	14070	1.4	Story2	B72	249	6390	1.4	Envelope Flexion	2.93	Envelope Flexion
Story2	B23	96	2000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.3	14550	1.3	Story2	B72	249	6870	1.3	Envelope Flexion	2.93	Envelope Flexion
Story2	B23	96	2500	0.6	Envelope Flexion	1.91	Envelope Flexion	1.3	15030	1.3	Story2	B72	249	7350	1.3	Envelope Flexion	2.93	Envelope Flexion
Story2	B23	96	3000	0.6	Envelope Flexion	1.91	Envelope Flexion	0.2	15510	0.2	Story2	B72	249	7830	0.2	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.76	(Flex) 1.2D + 1.6L
Story2	B23	96	3500	0.6	Envelope Flexion	1.91	Envelope Flexion	0.1	15990	0.1	Story2	B73	250	450	0.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.68	(Flex) 1.2D + 1.6L
Story2	B23	96	4000	0.6	Envelope Flexion	1.91	Envelope Flexion	0.1	16470	0.1	Story2	B73	250	750	0.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.65	(Flex) 1.2D + 1.6L
Story2	B23	96	4500	0.5	Envelope Flexion	1.91	Envelope Flexion	0.1	16950	0.1	Story2	B73	250	0	0.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	5.54	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B23	96	5000	0.5	Envelope Flexion	1.91	Envelope Flexion	0.3	17430	0.3	Story2	B74	251	300	0.3	(Flex) 1.2D + 1L - Ex - 0.3Ey	5.65	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B23	96	5500	0.5	Envelope Flexion	1.91	Envelope Flexion	0.5	17910	0.5	Story2	B74	251	600	0.5	(Flex) 1.2D + 1L - Ex - 0.3Ey	5.76	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B23	96	6000	0.7	Envelope Flexion	1.91	Envelope Flexion	2.4	18390	2.4	Story2	B75	252	150	2.4	(Flex) 1.2D + 1L - Ex - 0.3Ey	3.23	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B24	97	0	0.5	Envelope Flexion	1.91	Envelope Flexion	1.4	18870	1.4	Story2	B75	252	620	1.4	(Flex) 1.2D + 1L - Ex - 0.3Ey	3.08	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B24	97	500	0.7	Envelope Flexion	1.91	Envelope Flexion	1.6	19350	1.6	Story2	B75	252	1110	1.6	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	1000	0.8	Envelope Flexion	1.91	Envelope Flexion	1.7	19830	1.7	Story2	B75	252	1580	1.7	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	1500	0.9	Envelope Flexion	1.91	Envelope Flexion	1.7	20310	1.7	Story2	B75	252	2070	1.7	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	2000	1	Envelope Flexion	1.91	Envelope Flexion	1.7	20790	1.7	Story2	B75	252	2550	1.7	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	2500	0.9	Envelope Flexion	1.91	Envelope Flexion	1.5	21270	1.5	Story2	B75	252	3030	1.5	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	3000	0.8	Envelope Flexion	1.91	Envelope Flexion	1.4	21750	1.4	Story2	B75	252	3510	1.4	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	3500	0.7	Envelope Flexion	1.91	Envelope Flexion	1.3	22230	1.3	Story2	B75	252	3980	1.3	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	4000	0.5	Envelope Flexion	1.91	Envelope Flexion	1.2	22710	1.2	Story2	B75	252	4470	1.2	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	4500	0.4	Envelope Flexion	1.91	Envelope Flexion	1.3	23190	1.3	Story2	B75	252	4950	1.3	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	5000	0.4	Envelope Flexion	1.91	Envelope Flexion	1.3	23670	1.3	Story2	B75	252	5430	1.3	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	5500	0.4	Envelope Flexion	1.91	Envelope Flexion	1.2	24150	1.2	Story2	B75	252	5910	1.2	Envelope Flexion	2.93	Envelope Flexion
Story2	B24	97	6000	0.7	Envelope Flexion	1.91	Envelope Flexion	1.1	24630	1.1	Story2	B75	252	6390	1.1	Envelope Flexion	2.93	Envelope Flexion
Story2	B70	247	0	0.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.59	(Flex) 1.2D + 1.6L	1.1	6870	1.1	Story2	B75	252	6870	1.1	Envelope Flexion	2.93	Envelope Flexion

Design Data

Story	Label	Unique Name	Station mm	As min Bottom cm²	V Combo	At Shear cm²/m	Torsion Long Combo	Story	Label	Unique Name	Station mm	As min Bottom cm²	V Combo	At Shear cm²/m	Torsion Long Combo
Story2	B75	B52	7350	2.1	2.1	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B81	B58	150	0.5	(Flex) 1.2D + 1L - Ex - 0.35y	5.27	(Flex) 0.9D + 1Ex + 0.35y
Story2	B76	B53	150	2.1	2.1	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B81	B59	450	0.3	0.3	5.16	(Flex) 0.9D + 1Ex + 0.35y
Story2	B76	B53	630	1.1	1.1	Envelope Flexion	Envelope Flexion	Story2	B81	B59	730	0.1	0.1	5.06	(Flex) 0.9D + 1Ex + 0.35y
Story2	B76	B53	1110	1.1	1.1	Envelope Flexion	Envelope Flexion	Story2	B82	B59	0	0.1	0.1	5.16	(Flex) 0.9D + 1Ex + 0.35y
Story2	B76	B53	1590	1.2	1.2	Envelope Flexion	Envelope Flexion	Story2	B82	B59	300	0.3	0.3	5.27	(Flex) 0.9D + 1Ex + 0.35y
Story2	B76	B53	2070	1.4	1.4	Envelope Flexion	Envelope Flexion	Story2	B82	B60	600	0.5	0.5	5.27	(Flex) 0.9D + 1Ex + 0.35y
Story2	B76	B53	2550	1.4	1.4	Envelope Flexion	Envelope Flexion	Story2	B83	B60	150	2.4	2.4	5.27	Envelope Flexion
Story2	B76	B53	3030	1.3	1.3	Envelope Flexion	Envelope Flexion	Story2	B83	B60	630	1.4	1.4	3.06	Envelope Flexion
Story2	B76	B53	3510	1.3	1.3	Envelope Flexion	Envelope Flexion	Story2	B83	B60	1110	1.6	1.6	2.93	Envelope Flexion
Story2	B76	B53	3990	1.5	1.5	Envelope Flexion	Envelope Flexion	Story2	B83	B60	1590	1.7	1.7	2.93	Envelope Flexion
Story2	B76	B53	4470	1.7	1.7	Envelope Flexion	Envelope Flexion	Story2	B83	B60	2070	1.7	1.7	2.93	Envelope Flexion
Story2	B76	B53	4950	1.8	1.8	Envelope Flexion	Envelope Flexion	Story2	B83	B60	2550	1.6	1.6	2.93	Envelope Flexion
Story2	B76	B53	5430	1.7	1.7	Envelope Flexion	Envelope Flexion	Story2	B83	B60	3030	1.7	1.7	2.93	Envelope Flexion
Story2	B76	B53	5910	1.7	1.7	Envelope Flexion	Envelope Flexion	Story2	B83	B60	3510	1.4	1.4	2.93	Envelope Flexion
Story2	B76	B53	6390	1.6	1.6	Envelope Flexion	Envelope Flexion	Story2	B83	B60	3990	1.3	1.3	2.93	Envelope Flexion
Story2	B76	B53	6870	1.4	1.4	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B83	B60	4470	1.2	1.2	2.93	Envelope Flexion
Story2	B76	B53	7350	2.4	2.4	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B83	B60	4950	1.3	1.3	2.93	Envelope Flexion
Story2	B76	B53	7830	1.4	1.4	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B83	B60	5430	1.3	1.3	2.93	Envelope Flexion
Story2	B77	B54	750	0.5	0.5	(Flex) 1.2D + 1L - Ex - 0.35y	(Flex) 0.9D + 1Ex + 0.35y	Story2	B83	B60	5910	1.2	1.2	2.93	Envelope Flexion
Story2	B77	B54	150	0.3	0.3	(Flex) 1.2D + 1L - Ex - 0.35y	(Flex) 0.9D + 1Ex + 0.35y	Story2	B83	B60	6390	1.1	1.1	2.93	Envelope Flexion
Story2	B77	B54	300	0.1	0.1	(Flex) 1.2D + 1L - Ex - 0.35y	(Flex) 0.9D + 1Ex + 0.35y	Story2	B83	B60	6870	1.1	1.1	2.93	Envelope Flexion
Story2	B78	B55	0	0.1	0.1	(Flex) 1.2D + 1L - Ex - 0.35y	(Flex) 0.9D + 1Ex + 0.35y	Story2	B83	B60	7350	2.1	2.1	3.02	Envelope Flexion
Story2	B78	B55	300	0.3	0.3	(Flex) 1.2D + 1L - Ex - 0.35y	(Flex) 0.9D + 1Ex + 0.35y	Story2	B84	B61	150	2.1	2.1	3.02	Envelope Flexion
Story2	B78	B55	600	0.5	0.5	(Flex) 1.2D + 1L - Ex - 0.35y	(Flex) 0.9D + 1Ex + 0.35y	Story2	B84	B61	630	1.1	1.1	2.93	Envelope Flexion
Story2	B79	B56	150	2.5	2.5	(Flex) 1.2D + 1L - Ex - 0.35y	(Flex) 0.9D + 1Ex + 0.35y	Story2	B84	B61	1110	1.1	1.1	2.93	Envelope Flexion
Story2	B79	B56	630	1.5	1.5	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B84	B61	1590	1.2	1.2	2.93	Envelope Flexion
Story2	B79	B56	1110	1.6	1.6	Envelope Flexion	Envelope Flexion	Story2	B84	B61	2070	1.4	1.4	2.93	Envelope Flexion
Story2	B79	B56	1590	1.7	1.7	Envelope Flexion	Envelope Flexion	Story2	B84	B61	2550	1.4	1.4	2.93	Envelope Flexion
Story2	B79	B56	2070	1.8	1.8	Envelope Flexion	Envelope Flexion	Story2	B84	B61	3030	1.3	1.3	2.93	Envelope Flexion
Story2	B79	B56	2550	1.8	1.8	Envelope Flexion	Envelope Flexion	Story2	B84	B61	3510	1.3	1.3	2.93	Envelope Flexion
Story2	B79	B56	3030	1.7	1.7	Envelope Flexion	Envelope Flexion	Story2	B84	B61	3990	1.5	1.5	2.93	Envelope Flexion
Story2	B79	B56	3510	1.5	1.5	Envelope Flexion	Envelope Flexion	Story2	B84	B61	4470	1.7	1.7	2.93	Envelope Flexion
Story2	B79	B56	4470	1.2	1.2	Envelope Flexion	Envelope Flexion	Story2	B84	B61	4950	1.6	1.6	2.93	Envelope Flexion
Story2	B79	B56	4950	1.4	1.4	Envelope Flexion	Envelope Flexion	Story2	B84	B61	5430	1.6	1.6	2.93	Envelope Flexion
Story2	B79	B56	5430	1.4	1.4	Envelope Flexion	Envelope Flexion	Story2	B84	B61	5910	1.7	1.7	2.93	Envelope Flexion
Story2	B79	B56	5910	1.2	1.2	Envelope Flexion	Envelope Flexion	Story2	B84	B61	6390	1.6	1.6	2.93	Envelope Flexion
Story2	B79	B56	6390	1.1	1.1	Envelope Flexion	Envelope Flexion	Story2	B84	B61	6870	1.4	1.4	(Flex) 1.2D + 1L - Ex - 0.35y	3.02
Story2	B79	B56	6870	1.1	1.1	Envelope Flexion	Envelope Flexion	Story2	B84	B61	7350	2.4	2.4	(Flex) 1.2D + 1L - Ex - 0.35y	3.21
Story2	B80	B57	750	2.1	2.1	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B85	B62	150	0.5	0.5	(Flex) 1.2D + 1L - Ex - 0.35y	5.24
Story2	B80	B57	150	2.1	2.1	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B85	B62	450	0.3	0.3	(Flex) 1.2D + 1L - Ex - 0.35y	5.24
Story2	B80	B57	630	1.1	1.1	Envelope Flexion	Envelope Flexion	Story2	B85	B62	730	0.1	0.1	(Flex) 1.2D + 1L - Ex - 0.35y	5.13
Story2	B80	B57	1110	1.1	1.1	Envelope Flexion	Envelope Flexion	Story2	B85	B62	300	0	0.1	(Flex) 1.2D + 1L - Ex - 0.35y	5.07
Story2	B80	B57	1590	1.3	1.3	Envelope Flexion	Envelope Flexion	Story2	B86	B63	600	0.3	0.3	(Flex) 1.2D + 1L - Ex - 0.35y	5.17
Story2	B80	B57	2070	1.4	1.4	Envelope Flexion	Envelope Flexion	Story2	B86	B63	300	0.3	0.3	(Flex) 1.2D + 1L - Ex - 0.35y	5.28
Story2	B80	B57	2550	1.4	1.4	Envelope Flexion	Envelope Flexion	Story2	B86	B63	600	0.5	0.5	(Flex) 1.2D + 1L - Ex - 0.35y	5.28
Story2	B80	B57	3030	1.3	1.3	Envelope Flexion	Envelope Flexion	Story2	B87	B64	150	2.3	2.3	(Flex) 1.2D + 1L - Ex - 0.35y	3.14
Story2	B80	B57	3510	1.3	1.3	Envelope Flexion	Envelope Flexion	Story2	B87	B64	630	1.2	1.2	(Flex) 1.2D + 1L - Ex - 0.35y	2.97
Story2	B80	B57	3990	1.5	1.5	Envelope Flexion	Envelope Flexion	Story2	B87	B64	1110	1.4	1.4	Envelope Flexion	2.89
Story2	B80	B57	4470	1.7	1.7	Envelope Flexion	Envelope Flexion	Story2	B87	B64	1590	1.5	1.5	Envelope Flexion	2.99
Story2	B80	B57	4950	1.8	1.8	Envelope Flexion	Envelope Flexion	Story2	B87	B64	2070	1.6	1.6	Envelope Flexion	2.99
Story2	B80	B57	5430	1.8	1.8	Envelope Flexion	Envelope Flexion	Story2	B87	B64	2550	1.7	1.7	Envelope Flexion	2.93
Story2	B80	B57	5910	1.7	1.7	Envelope Flexion	Envelope Flexion	Story2	B87	B64	3030	1.6	1.6	Envelope Flexion	2.93
Story2	B80	B57	6390	1.6	1.6	Envelope Flexion	Envelope Flexion	Story2	B87	B64	3510	1.4	1.4	Envelope Flexion	2.93
Story2	B80	B57	6870	1.5	1.5	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B87	B64	3990	1.3	1.3	Envelope Flexion	2.93
Story2	B80	B57	7350	2.4	2.4	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B87	B64	4470	1.2	1.2	Envelope Flexion	2.93
Story2	B80	B57	7830	1.4	1.4	(Flex) 1.2D + 1L - Ex - 0.35y	Envelope Flexion	Story2	B87	B64	4950	1.3	1.3	Envelope Flexion	2.93

Design Data

Story	Label	Unique Name	Station mm	As-min Bottom cm²	Torsion Long Combo			At Shear cm²/m	V Combo	Torsion Long Combo			At Shear cm²/m	Torsion Long Combo
					As-min Bottom cm²	As-min Bottom cm²	As-min Bottom cm²			As-min Bottom cm²	As-min Bottom cm²			
Story2	B155	269	5910	1.3	1.3	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B155	269	6390	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B155	269	6870	-	1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B155	269	7350	1.9	1.9	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B156	270	150	0.4	0.4	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.29	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.29	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.29	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B156	270	450	0.2	0.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B156	270	750	0.1	0.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.08	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.08	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.08	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B157	271	150	1.5	1.5	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	630	0.9	0.9	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	1110	-	1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	1690	1.1	1.1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	2070	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	2550	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	3030	1.1	1.1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	3510	1.1	1.1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	3990	1.1	1.1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	4470	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	4950	1.3	1.3	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	5430	1.3	1.3	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	5910	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	6390	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	6870	1.1	1.1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B157	271	7350	1.5	1.5	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B158	272	150	0.2	0.2	(Flex) 0.9D + 0.3Ex + 1Ey	(Flex) 0.9D + 0.3Ex + 1Ey	2.93	(Flex) 0.9D + 0.3Ex + 1Ey	2.93	(Flex) 0.9D + 0.3Ex + 1Ey	(Flex) 0.9D + 0.3Ex + 1Ey	2.93	(Flex) 0.9D + 0.3Ex + 1Ey
Story2	B158	272	450	0.1	0.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.93	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.93	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.93	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B158	272	750	0.04562	0.04562	(Flex) 0.8D + 0.3Ex + 1Ey	(Flex) 0.8D + 0.3Ex + 1Ey	2.93	(Flex) 0.8D + 0.3Ex + 1Ey	2.93	(Flex) 0.8D + 0.3Ex + 1Ey	(Flex) 0.8D + 0.3Ex + 1Ey	2.93	(Flex) 0.8D + 0.3Ex + 1Ey
Story2	B159	273	0	0.04909	0.04909	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.93	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.93	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.93	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B159	273	300	0.1	0.1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B159	273	600	0.2	0.2	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.72	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.72	(Flex) 1.2D + 1L - Ex - 0.3Ey	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.72	(Flex) 1.2D + 1L - Ex - 0.3Ey
Story2	B160	274	150	1.5	1.5	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	630	0.7	0.7	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	1110	0.8	0.8	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	1500	1	1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	2070	1.1	1.1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	2550	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	3030	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	3510	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	3980	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	4470	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	4950	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	5430	1.2	1.2	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	5910	1	1	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	6390	0.9	0.9	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	6870	0.7	0.7	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B160	274	7350	1.4	1.4	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion	2.93	Envelope Flexion	Envelope Flexion	2.93	Envelope Flexion
Story2	B161	275	150	1.3	1.3	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	625	1.3	1.3	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	1100	1.4	1.4	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	1575	1.4	1.4	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	2050	1.3	1.3	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	2525	1.1	1.1	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	3000	0.8	0.8	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	3475	0.7	0.7	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	3950	0.6	0.6	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	4425	0.6	0.6	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion
Story2	B161	275	4900	0.6	0.6	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion	2.5	Envelope Flexion	Envelope Flexion	2.5	Envelope Flexion

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Design Data

Story	Label	Unique Name	Station mm	As Min Bottom cm ²	As Bottom cm ²	V Combo	At Shear cm ² /in	Torsion Long Combo
Story2	B170	284	4425	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B170	284	4900	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B170	284	5375	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B170	284	5850	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	150	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	525	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	1100	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	1575	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	2050	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	2525	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	3000	0.7	0.7	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	3475	0.7	0.7	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	3950	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	4425	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	4900	0.7	0.7	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	5375	0.7	0.7	Envelope Flexion	2.5	Envelope Flexion
Story2	B171	285	5850	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	150	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	625	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	1100	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	1575	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	2050	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	2525	0.7	0.7	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	3000	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	3475	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	3950	1.3	1.3	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	4425	1.4	1.4	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	4900	1.4	1.4	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	5375	1.4	1.4	Envelope Flexion	2.5	Envelope Flexion
Story2	B172	286	5850	1.4	1.4	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	150	1.6	1.6	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	625	1.8	1.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	1100	1.5	1.5	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	1575	1.4	1.4	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	2050	1.3	1.3	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	2525	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	3000	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	3475	0.6	0.6	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	3950	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	4425	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	4900	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	5375	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B173	287	5850	1.3	1.3	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	150	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	625	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	1100	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	1575	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	2050	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	2525	0.7	0.7	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	3000	0.6	0.6	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	3475	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	3950	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	4425	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	4900	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B174	288	5375	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion

Story	Label	Unique Name	Station mm	As Min Bottom cm ²	As Bottom cm ²	V Combo	At Shear cm ² /in	Torsion Long Combo
Story2	B174	288	5850	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	150	1.3	1.3	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	625	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	1100	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	1575	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	2050	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	2525	0.9	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	3000	0.7	0.7	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	3475	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	3950	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	4425	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	4900	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	5375	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B175	289	5850	1.3	1.3	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	150	1.4	1.4	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	625	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	1100	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	1575	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	2050	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	2525	0.9	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	3000	0.8	0.8	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	3475	0.9	0.9	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	3950	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	4425	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	4900	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	5375	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B176	290	5850	1.4	1.4	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	150	1.5	1.5	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	625	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	1100	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	1575	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	2050	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	2525	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	3000	1	1	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	3475	1.1	1.1	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	3950	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	4425	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	4900	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	5375	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B177	291	5850	1.2	1.2	Envelope Flexion	2.5	Envelope Flexion
Story2	B178	292	150	1.9	1.9	(Flex) 1.2D + 1L - Ex - 0.3E _y	2.88	Envelope Flexion
Story2	B178	292	600	1.5	1.5	(Flex) 1.2D + 1L - Ex - 0.3E _y	2.73	Envelope Flexion
Story2	B178	292	1050	1	1	(Flex) 0.9D + 1Ex + 0.3E _y	2.61	Envelope Flexion
Story2	B178	292	1500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3E _y	2.6	Envelope Flexion
Story2	B178	292	1950	0.8	0.8	(Flex) 1.2D + 1L - Ex - 0.3E _y	2.63	Envelope Flexion
Story2	B178	292	2400	1.1	1.1	(Flex) 1.2D + 1L - Ex - 0.3E _y	2.77	Envelope Flexion
Story2	B178	292	2850	1.5	1.5	(Flex) 1.2D + 1L - Ex - 0.3E _y	2.91	Envelope Flexion
Story1	B12	12	225	3.2	3.2	(Flex) 1.2D + 1L - Ex - 0.3E _y	5.48	(Flex) 0.9D - 0.3E _x - E _y
Story1	B12	12	650	2.1	2.1	(Flex) 1.2D + 1L - Ex - 0.3E _y	5.25	(Flex) 0.9D - 0.3E _x - E _y
Story1	B12	12	1075	1.2	1.2	(Flex) 1.2D + 1L - Ex - 0.3E _y	5.03	(Flex) 0.9D - 0.3E _x - E _y
Story1	B12	12	1500	1.2	1.2	(Flex) 1.2D + 1L - Ex - 0.3E _y	4.8	(Flex) 0.9D - 0.3E _x - E _y
Story1	B12	12	1925	2.2	2.2	(Flex) 1.2D + 1L - Ex - 0.3E _y	4.57	(Flex) 0.9D - 0.3E _x - E _y
Story1	B12	12	2350	3.5	3.5	(Flex) 0.9D + 1Ex + 0.3E _y	4.48	(Flex) 0.9D - 0.3E _x - E _y
Story1	B12	12	2775	3.5	3.5	(Flex) 1.2D + 1L - Ex - 0.3E _y	4.87	(Flex) 0.9D - 0.3E _x - E _y
Story1	B13	62	0	1.3	1.3	Envelope Flexion	1.81	Envelope Flexion

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Story	Label	Unique Name	Station mm	As min Bottom cm ²	V Combo	At Shear cm ² /m	Torsion Long Combo
Story1	B22	71	0	1.1	1.1	1.91	Envelope Flexion
Story1	B22	71	500	0.5	0.5	1.91	Envelope Flexion
Story1	B22	71	1000	0.6	0.6	1.91	Envelope Flexion
Story1	B22	71	1500	0.7	0.7	1.91	Envelope Flexion
Story1	B22	71	2000	0.7	0.7	1.91	Envelope Flexion
Story1	B22	71	2500	0.7	0.7	1.91	Envelope Flexion
Story1	B22	71	3000	0.6	0.6	1.91	Envelope Flexion
Story1	B22	71	3500	0.7	0.7	1.91	Envelope Flexion
Story1	B22	71	4000	0.7	0.7	1.91	Envelope Flexion
Story1	B22	71	4500	0.7	0.7	1.91	Envelope Flexion
Story1	B22	71	5000	0.6	0.6	1.91	Envelope Flexion
Story1	B22	71	5500	0.5	0.5	1.91	Envelope Flexion
Story1	B22	71	6000	1.1	1.1	1.91	Envelope Flexion
Story1	B23	72	0	1.1	1.1	1.91	Envelope Flexion
Story1	B23	72	500	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	1000	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	1500	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	2000	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	2500	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	3000	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	3500	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	4000	0.7	0.7	1.91	Envelope Flexion
Story1	B23	72	4500	0.7	0.7	1.91	Envelope Flexion
Story1	B23	72	5000	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	5500	0.6	0.6	1.91	Envelope Flexion
Story1	B23	72	6000	-	-	1.91	Envelope Flexion
Story1	B24	73	0	1.4	1.4	1.91	Envelope Flexion
Story1	B24	73	500	1.5	1.5	1.91	Envelope Flexion
Story1	B24	73	1000	1.6	1.6	1.91	Envelope Flexion
Story1	B24	73	1500	1.5	1.5	1.91	Envelope Flexion
Story1	B24	73	2000	1.4	1.4	1.91	Envelope Flexion
Story1	B24	73	2500	1.2	1.2	1.91	Envelope Flexion
Story1	B24	73	3000	0.9	0.9	1.91	Envelope Flexion
Story1	B24	73	3500	0.7	0.7	1.91	Envelope Flexion
Story1	B24	73	4000	0.7	0.7	1.91	Envelope Flexion
Story1	B24	73	4500	0.7	0.7	1.91	Envelope Flexion
Story1	B24	73	5000	0.7	0.7	1.91	Envelope Flexion
Story1	B24	73	5500	0.7	0.7	1.91	Envelope Flexion
Story1	B24	73	6000	1.4	1.4	1.91	Envelope Flexion
Story1	B25	19	0	1.4	1.4	1.91	Envelope Flexion
Story1	B25	19	500	1.4	1.4	1.91	Envelope Flexion
Story1	B25	19	1000	1.2	1.2	1.91	Envelope Flexion
Story1	B25	19	1500	1.9	1.9	1.91	Envelope Flexion
Story1	B25	19	2000	2.4	2.4	1.91	Envelope Flexion
Story1	B25	19	2500	2.7	2.7	1.91	Envelope Flexion
Story1	B25	19	3000	2.5	2.5	1.91	Envelope Flexion
Story1	B25	19	3500	2.5	2.5	1.91	Envelope Flexion
Story1	B25	19	4000	2.1	2.1	1.91	Envelope Flexion
Story1	B25	19	4500	1.3	1.3	1.91	Envelope Flexion
Story1	B25	19	5000	1	1	1.91	Envelope Flexion
Story1	B25	19	5500	1	1	1.91	Envelope Flexion
Story1	B25	19	6000	2.1	2.1	1.91	Envelope Flexion
Story1	B26	24	0	0.0	0.0	1.91	Envelope Flexion
Story1	B26	24	500	0.9	0.9	1.91	Envelope Flexion
Story1	B26	24	1000	1.4	1.4	1.91	Envelope Flexion

Design Data

Story	Label	Unique Name	Station mm	As min Bottom cm ²	V Combo	At Shear cm ² /m	Torsion Long Combo
Story1	B26	24	1500	2.1	2.1	1.91	Envelope Flexion
Story1	B26	24	2000	2.6	2.6	1.91	Envelope Flexion
Story1	B26	24	2500	2.8	2.8	1.91	Envelope Flexion
Story1	B26	24	3000	2.9	2.9	1.91	Envelope Flexion
Story1	B26	24	3500	2.6	2.6	1.91	Envelope Flexion
Story1	B26	24	4000	2.2	2.2	1.91	Envelope Flexion
Story1	B26	24	4500	1.4	1.4	1.91	Envelope Flexion
Story1	B26	24	5000	0.9	0.9	1.91	Envelope Flexion
Story1	B26	24	5500	0.9	0.9	1.91	Envelope Flexion
Story1	B26	24	6000	1.8	1.8	1.91	Envelope Flexion
Story1	B27	28	0	0.7	0.7	1.91	Envelope Flexion
Story1	B27	28	500	0.9	0.9	1.91	Envelope Flexion
Story1	B27	28	1000	1.5	1.5	1.91	Envelope Flexion
Story1	B27	28	1500	2.2	2.2	1.91	Envelope Flexion
Story1	B27	28	2000	2.7	2.7	1.91	Envelope Flexion
Story1	B27	28	2500	2.8	2.8	1.91	Envelope Flexion
Story1	B27	28	3000	2.8	2.8	1.91	Envelope Flexion
Story1	B27	28	3500	2.7	2.7	1.91	Envelope Flexion
Story1	B27	28	4000	2.2	2.2	1.91	Envelope Flexion
Story1	B27	28	4500	1.5	1.5	1.91	Envelope Flexion
Story1	B27	28	5000	0.9	0.9	1.91	Envelope Flexion
Story1	B27	28	5500	0.9	0.9	1.91	Envelope Flexion
Story1	B27	28	6000	1.7	1.7	1.91	Envelope Flexion
Story1	B28	53	0	0.5	0.5	1.91	Envelope Flexion
Story1	B28	53	500	0.5	0.5	1.91	Envelope Flexion
Story1	B28	53	1000	1.5	1.5	1.91	Envelope Flexion
Story1	B28	53	1500	2.2	2.2	1.91	Envelope Flexion
Story1	B28	53	2000	2.6	2.6	1.91	Envelope Flexion
Story1	B28	53	2500	2.8	2.8	1.91	Envelope Flexion
Story1	B28	53	3000	2.8	2.8	1.91	Envelope Flexion
Story1	B28	53	3500	2.8	2.8	1.91	Envelope Flexion
Story1	B28	53	4000	2.3	2.3	1.91	Envelope Flexion
Story1	B28	53	4500	1.6	1.6	1.91	Envelope Flexion
Story1	B28	53	5000	0.8	0.8	1.91	Envelope Flexion
Story1	B28	53	5500	0.8	0.8	1.91	Envelope Flexion
Story1	B28	53	6000	1.5	1.5	1.91	Envelope Flexion
Story1	B29	61	0	0.5	0.5	1.91	Envelope Flexion
Story1	B29	61	500	0.8	0.8	1.91	Envelope Flexion
Story1	B29	61	1000	1.5	1.5	1.91	Envelope Flexion
Story1	B29	61	1500	2.3	2.3	1.91	Envelope Flexion
Story1	B29	61	2000	2.8	2.8	1.91	Envelope Flexion
Story1	B29	61	2500	2.8	2.8	1.91	Envelope Flexion
Story1	B29	61	3000	2.8	2.8	1.91	Envelope Flexion
Story1	B29	61	3500	2.8	2.8	1.91	Envelope Flexion
Story1	B29	61	4000	2.3	2.3	1.91	Envelope Flexion
Story1	B29	61	4500	1.5	1.5	1.91	Envelope Flexion
Story1	B29	61	5000	0.9	0.9	1.91	Envelope Flexion
Story1	B29	61	5500	0.8	0.8	1.91	Envelope Flexion
Story1	B29	61	6000	1.6	1.6	1.91	Envelope Flexion
Story1	B30	98	0	0.5	0.5	1.91	Envelope Flexion
Story1	B30	98	500	0.8	0.8	1.91	Envelope Flexion
Story1	B30	98	1000	1.5	1.5	1.91	Envelope Flexion
Story1	B30	98	1500	2.3	2.3	1.91	Envelope Flexion
Story1	B30	98	2000	2.8	2.8	1.91	Envelope Flexion
Story1	B30	98	2500	2.5	2.5	1.91	Envelope Flexion

Design Data

Unique Name	Station mm	As min Bottom cm	As Bottom cm	V Combo	At Shear cm ² /m	Torsion Long Combo
-102	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
-102	5000	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
-102	5500	0.9	0.9	(Flex) 0.5D + 1Ex + 0.3Ey	1.95	Envelope Flexion
-102	6000	1.6	1.6	(Flex) 0.5D + 1Ex + 0.3Ey	2.12	Envelope Flexion
-103	0	1.7	1.7	(Flex) 0.5D + 1Ex + 0.3Ey	2.36	Envelope Flexion
-103	500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	1.93	Envelope Flexion
-103	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-103	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
-103	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-103	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
-103	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
-103	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
-103	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-103	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
-103	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-103	5500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	1.92	Envelope Flexion
-103	6000	1.6	1.6	(Flex) 0.5D + 1Ex + 0.3Ey	2.04	Envelope Flexion
-104	0	1.7	1.7	(Flex) 0.5D + 1Ex + 0.3Ey	2.05	Envelope Flexion
-104	500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	1.92	Envelope Flexion
-104	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-104	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
-104	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-104	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
-104	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
-104	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
-104	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-104	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
-104	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-104	5500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	1.91	Envelope Flexion
-104	6000	1.6	1.6	(Flex) 0.5D + 1Ex + 0.3Ey	2.03	Envelope Flexion
-105	0	1.7	1.7	(Flex) 0.5D + 1Ex + 0.3Ey	2.04	Envelope Flexion
-105	500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	1.92	Envelope Flexion
-105	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-105	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
-105	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-105	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
-105	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
-105	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
-105	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-105	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
-105	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-105	5500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	2.03	Envelope Flexion
-105	6000	1.6	1.6	(Flex) 0.5D + 1Ex + 0.3Ey	2.04	Envelope Flexion
-106	500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	1.92	Envelope Flexion
-106	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-106	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
-106	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-106	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
-106	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
-106	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
-106	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
-106	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
-106	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
-106	5500	0.8	0.8	(Flex) 0.5D + 1Ex + 0.3Ey	1.91	Envelope Flexion

Design Data

Station mm	As Min. Bottom cm²	As Bottom cm²	V Combo	At Shear cm²/m	Torsion Long Combo
1500	0,9	0,9	Envelope Flexion	1,91	Envelope Flexion
1500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
2000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
2000	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
2500	2,4	2,4	Envelope Flexion	1,91	Envelope Flexion
3500	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
4000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
4500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
5000	0,9	0,9	Envelope Flexion	1,91	Envelope Flexion
5500	0,9	0,9	(Flex) 0,90 + 1Ex + 0,3Ey	1,99	Envelope Flexion
6000	1,7	1,7	(Flex) 0,90 + 1Ex + 0,3Ey	2,12	Envelope Flexion
0	1,7	1,7	(Flex) 0,90 + 1Ex + 0,3Ey	2,04	Envelope Flexion
500	0,8	0,8	(Flex) 0,90 + 1Ex + 0,3Ey	1,91	Envelope Flexion
1000	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
1500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
2000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
2500	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
3000	2,4	2,4	Envelope Flexion	1,91	Envelope Flexion
3500	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
4000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
4500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
5000	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
5500	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
6000	1,7	1,7	(Flex) 0,90 + 1Ex + 0,3Ey	2,04	Envelope Flexion
0	1,6	1,6	(Flex) 0,90 + 1Ex + 0,3Ey	2,02	Envelope Flexion
500	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
1000	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
1500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
2000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
2500	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
3000	2,4	2,4	Envelope Flexion	1,91	Envelope Flexion
3500	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
4000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
4500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
5000	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
5500	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
6000	1,6	1,6	(Flex) 0,90 + 1Ex + 0,3Ey	2,02	Envelope Flexion
0	1,6	1,6	(Flex) 0,90 + 1Ex + 0,3Ey	2,02	Envelope Flexion
500	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
1000	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
1500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
2000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
2500	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
3000	2,4	2,4	Envelope Flexion	1,91	Envelope Flexion
3500	2,3	2,3	Envelope Flexion	1,91	Envelope Flexion
4000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion
4500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
5000	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
5500	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
6000	1,6	1,6	(Flex) 0,90 + 1Ex + 0,3Ey	2,02	Envelope Flexion
0	1,8	1,8	(Flex) 0,90 + 1Ex + 0,3Ey	2,02	Envelope Flexion
500	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
1000	0,8	0,8	Envelope Flexion	1,91	Envelope Flexion
1500	1,3	1,3	Envelope Flexion	1,91	Envelope Flexion
2000	1,9	1,9	Envelope Flexion	1,91	Envelope Flexion

Story	Label	Unique Name	Station mm	As min Bottom cm	Torsion Long Combo	At Shear cm/m	V Combo	As min Bottom cm	Station mm	Unique Name	As min Bottom cm	Torsion Long Combo	At Shear cm/m
Story1	B51	Story1	119	4000	2.8	2.9	{Flex} 0.90 + 1Ex + 0.3Ey	2.8	4000	B51	119	Envolvente Flexion	1.91
Story1	B51	Story1	119	4500	2.8	2.8	{Flex} 0.90 + 1Ex + 0.3Ey	2.8	4500	B51	119	Envolvente Flexion	2.14
Story1	B51	Story1	119	5000	1.6	1.6	{Flex} 0.90 + 1Ex + 0.3Ey	1.6	5000	B51	119	Envolvente Flexion	2.29
Story1	B51	Story1	119	5500	1.3	1.3	{Flex} 0.90 + 1Ex + 0.3Ey	1.3	5500	B51	119	Envolvente Flexion	2.44
Story1	B51	Story1	119	6000	2.6	2.6	{Flex} 0.90 + 1Ex + 0.3Ey	2.6	6000	B51	119	Envolvente Flexion	2.58
Story1	B52	Story1	120	0	1.9	1.9	{Flex} 0.90 + 1Ex + 0.3Ey	1.9	0	B52	120	Envolvente Flexion	2.12
Story1	B52	Story1	120	500	0.8	0.8	{Flex} 0.90 + 1Ex + 0.3Ey	0.8	500	B52	120	Envolvente Flexion	2.19
Story1	B52	Story1	120	1000	0.8	0.8	Envolvente Flexion	0.8	1000	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	1500	1.3	1.3	Envolvente Flexion	1.3	1500	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	2000	1.9	1.9	Envolvente Flexion	1.9	2000	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	2500	2.3	2.3	Envolvente Flexion	2.3	2500	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	3000	2.4	2.4	Envolvente Flexion	2.4	3000	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	3500	2.3	2.3	Envolvente Flexion	2.3	3500	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	4000	1.9	1.9	Envolvente Flexion	1.9	4000	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	4500	1.3	1.3	Envolvente Flexion	1.3	4500	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	5000	0.9	0.9	Envolvente Flexion	0.9	5000	B52	120	Envolvente Flexion	1.91
Story1	B52	Story1	120	5500	0.9	0.9	{Flex} 0.90 + 1Ex + 0.3Ey	0.9	5500	B52	120	Envolvente Flexion	1.99
Story1	B52	Story1	120	6000	1.9	1.9	{Flex} 0.90 + 1Ex + 0.3Ey	1.9	6000	B52	120	Envolvente Flexion	2.12
Story1	B53	Story1	121	0	1.7	1.7	{Flex} 0.90 + 1Ex + 0.3Ey	1.7	0	B53	121	Envolvente Flexion	2.04
Story1	B53	Story1	121	500	0.8	0.8	{Flex} 0.90 + 1Ex + 0.3Ey	0.8	500	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	1000	0.8	0.8	Envolvente Flexion	0.8	1000	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	1500	1.3	1.3	Envolvente Flexion	1.3	1500	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	2000	1.0	1.0	Envolvente Flexion	1.0	2000	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	2500	2.3	2.3	Envolvente Flexion	2.3	2500	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	3000	2.4	2.4	Envolvente Flexion	2.4	3000	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	3500	2.3	2.3	Envolvente Flexion	2.3	3500	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	4000	1.9	1.9	Envolvente Flexion	1.9	4000	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	4500	1.3	1.3	Envolvente Flexion	1.3	4500	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	5000	0.8	0.8	Envolvente Flexion	0.8	5000	B53	121	Envolvente Flexion	1.91
Story1	B53	Story1	121	5500	0.8	0.8	{Flex} 0.90 + 1Ex + 0.3Ey	0.8	5500	B53	121	Envolvente Flexion	1.92
Story1	B53	Story1	121	6000	1.7	1.7	{Flex} 0.90 + 1Ex + 0.3Ey	1.7	6000	B53	121	Envolvente Flexion	2.04
Story1	B54	Story1	122	0	1.6	1.6	{Flex} 0.90 + 1Ex + 0.3Ey	1.6	0	B54	122	Envolvente Flexion	2.03
Story1	B54	Story1	122	500	0.8	0.8	Envolvente Flexion	0.8	500	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	1000	0.8	0.8	Envolvente Flexion	0.8	1000	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	1500	1.3	1.3	Envolvente Flexion	1.3	1500	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	2000	1.8	1.9	Envolvente Flexion	1.8	2000	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	2500	2.3	2.3	Envolvente Flexion	2.3	2500	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	3000	2.4	2.4	Envolvente Flexion	2.4	3000	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	3500	2.3	2.3	Envolvente Flexion	2.3	3500	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	4000	1.9	1.9	Envolvente Flexion	1.9	4000	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	4500	1.3	1.3	Envolvente Flexion	1.3	4500	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	5000	0.8	0.8	Envolvente Flexion	0.8	5000	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	5500	0.8	0.8	Envolvente Flexion	0.8	5500	B54	122	Envolvente Flexion	1.91
Story1	B54	Story1	122	6000	1.6	1.6	{Flex} 0.90 + 1Ex + 0.3Ey	1.6	6000	B54	122	Envolvente Flexion	2.03
Story1	B55	Story1	123	0	1.8	1.6	{Flex} 0.90 + 1Ex + 0.3Ey	1.8	0	B55	123	Envolvente Flexion	2.03
Story1	B55	Story1	123	500	0.8	0.8	Envolvente Flexion	0.8	500	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	1000	0.8	0.8	Envolvente Flexion	0.8	1000	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	1500	1.3	1.3	Envolvente Flexion	1.3	1500	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	2000	1.9	1.9	Envolvente Flexion	1.9	2000	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	2500	2.3	2.3	Envolvente Flexion	2.3	2500	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	3000	2.4	2.4	Envolvente Flexion	2.4	3000	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	3500	2.3	2.3	Envolvente Flexion	2.3	3500	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	4000	1.9	1.9	Envolvente Flexion	1.9	4000	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	4500	1.3	1.3	Envolvente Flexion	1.3	4500	B55	123	Envolvente Flexion	1.91
Story1	B55	Story1	123	5000	0.8	0.8	Envolvente Flexion	0.8	5000	B55	123	Envolvente Flexion	1.91

Story	Label	Unique Name	Station mm	As. Bottom cm ²	As. Top cm ²	V Combo	At Shear cm ² /m	Top/Bottom Long Combo
Story1	B64	132	2300	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B64	132	2350	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
	B64	132	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B64	132	3500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
	B64	132	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B64	132	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B64	132	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B64	132	5500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B64	132	6000	1.8	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B65	133	0	1.7	1.7	(Flex) 0.90 + 1Ex + 0.3Ey	2.04	Envelope Flexion
	B65	133	500	0.8	0.8	(Flex) 0.90 + 1Ex + 0.3Ey	2.04	Envelope Flex on
	B65	133	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B65	133	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B65	133	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B65	133	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B65	133	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B65	133	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B65	133	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B65	133	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B65	133	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B65	133	5500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B65	133	6000	1.8	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
	B65	134	0	1.7	1.7	(Flex) 0.90 + 1Ex + 0.3Ey	2.04	Envelope Flexion
	B65	134	500	0.8	0.8	(Flex) 0.90 + 1Ex + 0.3Ey	2.04	Envelope Flexion
Story1	B66	134	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B66	134	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B66	134	2000	1.8	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B66	134	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B66	134	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B66	134	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B66	134	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B66	134	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B66	134	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B66	134	5500	0.8	0.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
	B66	134	6000	1.8	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.04	Envelope Flexion
	B67	135	0	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B67	135	500	0.6	0.6	Envelope Flexion	1.91	Envelope Flexion
	B67	135	1000	0.6	0.8	Envelope Flexion	1.91	Envelope Flexion
	B67	135	1500	0.8	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B67	135	2000	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B67	135	2500	1.8	1.6	Envelope Flexion	1.91	Envelope Flexion
	B67	135	3000	1.7	1.7	Envelope Flexion	1.91	Envelope Flexion
Story1	B67	135	3500	1.6	1.6	Envelope Flexion	1.91	Envelope Flexion
	B67	135	4000	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B67	135	4500	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B67	135	5000	0.6	0.6	Envelope Flexion	1.91	Envelope Flexion
	B67	135	5500	0.6	0.6	Envelope Flexion	1.91	Envelope Flexion
	B67	135	6000	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B68	136	0	2.2	2.2	(Flex) 0.90 + 1Ex + 0.3Ey	2.28	Envelope Flexion
	B68	136	500	1.1	1.1	(Flex) 0.90 + 1Ex + 0.3Ey	2.17	Envelope Flexion
	B68	136	1000	1.3	1.3	(Flex) 0.90 + 1Ex + 0.3Ey	2.03	Envelope Flexion
Story1	B68	136	1500	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B68	136	2000	2.8	2.8	Envelope Flexion	1.91	Envelope Flexion
	B68	136	2500	2.8	2.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B68	136	3000	2.8	2.8	Envelope Flexion	1.91	Envelope Flexion
	B68	136	3000	2.8	3	Envelope Flexion	1.91	Envelope Flexion

Story	Label	Unique Name	Station mm	Asmin Bottom cm	As Bottom cm	V Combo	At Shear cm/m	Torsion Long Combo
Story1	B68	135	3500	2.8	2.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B68	136	4000	2.8	2.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B63	-36	4500	2.5	2.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B68	-36	5000	1.3	1.3	(Flex) 0.90 + 1x - 0.3EY	2.02	Envelope Flexion
Story1	B68	-36	5500	1.1	1.1	(Flex) 0.90 + 1x - 0.3EY	2.16	Envelope Flexion
Story1	B68	136	6000	2.2	2.2	(Flex) 0.90 + 1x - 0.3EY	2.28	Envelope Flexion
Story1	B62	137	0	2.6	2.6	(Flex) 0.90 + 1x - 0.3EY	2.57	Envelope Flexion
Story1	B69	137	500	1.3	1.3	(Flex) 0.90 + 1x - 0.3EY	2.44	Envelope Flexion
Story1	B69	137	1000	1.5	1.6	(Flex) 0.90 + 1x - 0.3EY	2.3	Envelope Flexion
Story1	B69	137	1500	2.8	2.8	(Flex) 0.90 + 1x - 0.3EY	2.15	Envelope Flexion
Story1	B69	137	2000	2.8	2.9	(Flex) 0.90 + 1x - 0.3EY	2.15	Envelope Flexion
Story1	B69	137	2500	2.8	3.4	Envelope Flexion	2	Envelope Flexion
Story1	B69	137	3000	2.8	3.6	Envelope Flexion	1.91	Envelope Flexion
Story1	B69	137	3500	2.9	3.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B69	137	4000	2.8	3	(Flex) 0.90 + 1x - 0.3EY	1.98	Envelope Flexion
Story1	B69	137	4500	2.8	2.8	(Flex) 0.90 + 1x - 0.3EY	2.13	Envelope Flexion
Story1	B69	137	5000	1.7	1.7	(Flex) 0.90 + 1x - 0.3EY	2.28	Envelope Flexion
Story1	B69	137	5500	1.3	1.3	(Flex) 0.90 + 1x - 0.3EY	2.43	Envelope Flexion
Story1	B69	137	6000	2.5	2.5	(Flex) 0.90 + 1x - 0.3EY	2.68	Envelope Flexion
Story1	B88	158	0	1.6	1.6	(Flex) 1.20 + 1L - Ex - 0.3EY	3.58	Envelope Flexion
Story1	B88	156	520	0.8	0.8	(Flex) 1.20 + 1L - Ex - 0.3EY	3.34	Envelope Flexion
Story1	B88	156	1000	0.8	0.8	(Flex) 1.20 + 1L - Ex - 0.3EY	3.02	Envelope Flexion
Story1	B88	156	1500	0.8	0.8	(Flex) 1.20 + 1L - Ex - 0.3EY	2.71	Envelope Flexion
Story1	B88	156	2000	0.8	0.8	(Flex) 1.20 + 1L - Ex - 0.3EY	2.43	Envelope Flexion
Story1	B88	156	2500	1.3	1.3	(Flex) 1.20 + 1L - Ex - 0.3EY	2.2	Envelope Flexion
Story1	B88	156	3000	1.5	1.5	(Flex) 1.20 + 1L - Ex - 0.3EY	2.67	Envelope Flexion
Story1	B88	157	0	1.3	1.3	(Flex) 1.20 + 1L - Ex - 0.3EY	3.25	Envelope Flexion
Story1	B88	157	500	0.6	0.6	(Flex) 1.20 + 1L - Ex - 0.3EY	3.01	Envelope Flexion
Story1	B88	157	1000	0.6	0.6	(Flex) 1.20 + 1L - Ex - 0.3EY	2.7	Envelope Flexion
Story1	B89	157	1500	0.6	0.6	(Flex) 1.20 + 1L - Ex - 0.3EY	2.26	Envelope Flexion
Story1	B89	157	2000	0.6	0.6	(Flex) 1.20 + 1L - Ex - 0.3EY	2.07	Envelope Flexion
Story1	B89	157	2500	0.9	0.9	(Flex) 1.20 + 1L - Ex - 0.3EY	1.95	Envelope Flexion
Story1	B89	157	3000	0.9	0.9	(Flex) 1.20 + 1L - Ex - 0.3EY	2.19	Envelope Flexion
Story1	B80	158	0	1	1	(Flex) 1.20 + 1L - Ex - 0.3EY	1.91	Envelope Flexion
Story1	B90	158	500	0.5	0.5	(Flex) 1.20 + 1L - Ex - 0.3EY	1.91	Envelope Flexion
Story1	B90	158	1000	0.5	0.5	(Flex) 1.20 + 1L - Ex - 0.3EY	1.91	Envelope Flexion
Story1	B90	158	1500	0.5	0.5	(Flex) 1.20 + 1L - Ex - 0.3EY	1.91	Envelope Flexion
Story1	B90	158	2000	0.5	0.6	(Flex) 0.90 + 1x - 0.3EY	1.91	Envelope Flexion
Story1	B90	158	2500	0.5	0.5	(Flex) 0.90 + 1x - 0.3EY	1.91	Envelope Flexion
Story1	B90	158	3000	0.3	0.3	(Flex) 0.90 + 1x - 0.3EY	1.91	Envelope Flexion
Story1	B91	159	0	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B91	159	500	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B91	159	1000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B91	159	1500	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B91	158	2000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B91	158	2500	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B91	159	3000	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B92	160	0	0.6	0.6	Envelope Flexion	1.91	Envelope Flexion
Story1	B92	160	500	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B92	160	1000	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B92	160	1500	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B92	160	2000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B92	160	2500	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B92	160	3000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B93	161	0	0.6	0.6	Envelope Flexion	1.91	Envelope Flexion

Design Data

Design Data

Story	Label	Unique Name	Station mm	As min Bottom cm ²	As Bottom cm ²	V Combo	At Shear cm ² /m	Torsion Long Combo
Story1	B93	161	500	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B93	161	1000	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B93	161	1500	0.5	0.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B93	161	2000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B93	161	2500	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B93	161	3000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B94	162	0	0.6	0.6	Envelope Flexion	1.91	Envelope Flexion
Story1	B94	162	500	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B94	162	1000	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B94	162	1500	0.5	0.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B94	162	2000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B94	162	2500	0.3	0.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B94	162	3000	0.4	0.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B95	163	0	0.9	0.9	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.45	Envelope Flexion
Story1	B95	163	500	0.5	0.5	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.22	Envelope Flexion
Story1	B95	163	1000	0.5	0.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B95	163	1500	0.5	0.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B95	163	2000	0.5	0.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B95	163	2500	0.8	0.6	Envelope Flexion	1.91	Envelope Flexion
Story1	B95	163	3000	0.6	0.6	(Flex) 1.2D + 1L - Ex - 0.3Ey	1.91	Envelope Flexion
Story1	B96	164	0	1.4	1.4	(Flex) 1.2D + 1L - Ex - 0.3Ey	1.91	Envelope Flexion
Story1	B96	164	500	0.7	0.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	3.39	Envelope Flexion
Story1	B96	164	1000	0.7	0.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	3.15	Envelope Flexion
Story1	B96	164	1500	0.9	0.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.83	Envelope Flexion
Story1	B96	164	2000	0.7	0.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.52	Envelope Flexion
Story1	B96	164	2500	1.2	1.2	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.26	Envelope Flexion
Story1	B96	164	3000	1.5	1.5	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.6	Envelope Flexion
Story1	B97	165	0	1.8	1.8	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.11	Envelope Flexion
Story1	B97	165	500	0.9	0.9	(Flex) 1.2D + 1L - Ex - 0.3Ey	1.91	Envelope Flexion
Story1	B97	165	1000	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	2000	2	2	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	2500	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	3000	2.5	2.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	3500	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	4000	2.1	2.1	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	4500	1.5	1.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	5000	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B97	165	5500	0.8	0.8	(Flex) 0.8D + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B97	165	6000	1.6	1.6	(Flex) 0.8D + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B98	166	0	1.6	1.6	(Flex) 0.8D + 1Ex + 0.3Ey	2.06	Envelope Flexion
Story1	B98	166	500	0.8	0.8	(Flex) 0.8D + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B98	166	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	1500	1.4	1.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	2000	2	2	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	2500	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	3000	2.6	2.6	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	3500	2.5	2.5	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	4000	2.1	2.1	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	4500	1.8	1.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B98	166	5500	0.8	0.8	(Flex) 0.8D + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B98	166	6000	1.6	1.6	(Flex) 0.8D + 1Ex + 0.3Ey	2.01	Envelope Flexion
Story1	B99	167	0	1.6	1.6	(Flex) 0.8D + 1Ex + 0.3Ey	2.31	Envelope Flexion
Story1	B99	167	500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion

Story	Label	Unique Name	Station mm	As,min cm ²	Bottom cm ²	Aa cm ²	γ Combo	At Shear cm ² /m	Torsion Long Combo
Story1	B111	179	5000	0.5	0.8		Envelope Flexion	1.91	Envelope Flexion
	B111	179	5000	1.6	1.6		(Flex) 0.9D + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B112	180	0	0.6	0.8	1.8	(Flex) 0.9D + 1Ex + 0.3Ey	2.02	Envelope Flexion
Story1	B112	180	500	0.6	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B112	180	1000	0.6	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B112	180	1600	1.3	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B112	180	2000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B112	180	2500	2.3	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B112	180	3000	2.4	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B112	180	3500	2.3	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B112	180	4000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B112	180	4500	1.2	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B112	180	5000	0.8	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B112	180	5500	0.8	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
	B112	180	6000	1.6	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.03	Envelope Flexion
Story1	B113	181	0	1.6	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.04	Envelope Flexion
	B113	181	500	0.8	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B113	181	1000	0.8	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B113	181	1500	1.3	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B113	181	2000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B113	181	2500	2.3	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B113	181	3000	2.4	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B113	181	3500	2.3	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B113	181	4000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B113	181	4500	1.3	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B113	181	5000	0.8	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B113	181	5500	0.8	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.92	Envelope Flexion
Story1	B114	182	0	1.7	1.7	1.7	(Flex) 0.9D + 1Ex + 0.3Ey	2.04	Envelope Flexion
	B114	182	0	1.8	1.8	1.8	(Flex) 0.9D + 1Ex + 0.3Ey	2.1	Envelope Flexion
	B114	182	500	0.9	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.98	Envelope Flexion
Story1	B114	182	1000	0.9	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
	B114	182	1500	1.3	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B114	182	2000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B114	182	2500	2.5	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B114	182	3000	2.4	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B114	182	3500	2.3	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B114	182	4000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B114	182	4500	1.2	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B114	182	5000	0.6	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B114	182	5500	0.5	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.99	Envelope Flexion
	B114	182	6000	1.9	1.9	1.9	(Flex) 0.9D + 1Ex + 0.3Ey	2.11	Envelope Flexion
	B114	182	6500	1.8	1.8	1.8	(Flex) 0.9D + 1Ex + 0.3Ey	2.08	Envelope Flexion
Story1	B115	183	500	0.9	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.98	Envelope Flexion
	B115	183	1000	0.9	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B115	183	1500	1.3	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B115	183	2000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B115	183	2500	2.3	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B115	183	3000	2.4	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B115	183	3500	2.3	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B115	183	4000	1.9	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B115	183	4500	1.3	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B115	183	5000	0.9	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
	B115	183	5500	0.9	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.98	Envelope Flexion
Story1	B115	183	6000	1.8	1.8	1.8	(Flex) 0.9D + 1Ex + 0.3Ey	2.09	Envelope Flexion
	B115	183	6500	1.6	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.03	Envelope Flexion
	B116	184	0	1.6	1.6	1.6			

Story	Label	Unique Name	Station mm	As-built Bottom mm	As Bottom mm	Y Contour	At Shear mm/m	Torsion Long Combo
Story1	B116	184	500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B116	184	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B116	184	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B118	184	2000	1.8	1.8	Envelope Flexion	1.91	Envelope Flexion
	B118	184	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B116	184	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B116	184	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B116	184	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B116	184	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B116	184	5000	0.9	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B116	184	5300	0.8	0.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
	B116	184	6000	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.04	Envelope Flexion
	B117	185	0	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B117	185	500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B117	185	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B117	185	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B117	185	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B117	185	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B117	185	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B117	185	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B117	185	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B117	185	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B117	185	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B117	185	5500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B117	185	6000	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.03	Envelope Flexion
	B117	185	0	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B118	186	500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B118	186	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B118	186	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B118	186	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B118	186	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B118	186	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B118	186	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B118	186	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B118	186	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B118	186	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B118	186	5500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B118	186	6000	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.03	Envelope Flexion
	B118	186	0	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B119	187	500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B119	187	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B119	187	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B119	187	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B119	187	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B119	187	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B119	187	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B119	187	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B119	187	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B119	187	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B119	187	5500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B119	187	6000	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B120	188	0	1.6	1.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B120	188	500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B120	188	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B120	188	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion

Design Data

Story	Label	Unique Name	Station mm	As min Bottom cm²	Bottom cm²	V Combo	At Shear cm²/in	Torsion Long Combo
Story1	B120	188	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B120	188	2300	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B120	188	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B120	188	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B120	188	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B120	188	4300	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B120	188	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B120	188	5500	0.5	0.5	Envelope Flexion	1.91	Envelope Flexion
	B120	188	6000	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B120	188	0	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.02	Envelope Flexion
Story1	B121	189	500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B121	189	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B121	189	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B121	189	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B121	189	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B121	189	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B121	189	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B121	189	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B121	189	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B121	189	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B121	189	5500	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B121	189	6000	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.02	Envelope Flexion
	B122	190	0	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.03	Envelope Flexion
	B122	190	500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.91	Envelope Flexion
	B122	190	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B122	190	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B122	190	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B122	190	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B122	190	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B122	190	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B122	190	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B122	190	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B122	190	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
	B122	190	5500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.91	Envelope Flexion
	B122	190	6000	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.04	Envelope Flexion
	B123	191	0	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.1	Envelope Flexion
	B123	191	500	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.97	Envelope Flexion
	B123	191	1000	0.5	0.5	Envelope Flexion	1.91	Envelope Flexion
	B123	191	1500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B123	191	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B123	191	2500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B123	191	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
	B123	191	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
	B123	191	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
	B123	191	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
	B123	191	5000	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.98	Envelope Flexion
	B123	191	5500	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	2.1	Envelope Flexion
	B123	191	6000	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.12	Envelope Flexion
	B124	192	0	1.9	1.9	(Flex) 0.9D + 1Ex + 0.3Ey	2	Envelope Flexion
	B124	192	500	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B124	192	1000	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
	B124	192	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
	B124	192	2000	1.6	1.6	Envelope Flexion	1.91	Envelope Flexion
	B124	192	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
	B124	192	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion

Story	Label	Unique Name	Station mm	As.min Bottom cm	As Bottom cm	V Combo	At Show g/min	Torsion Long Combo
Story1	B124	182	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B124	192	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B124	182	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B124	182	5000	0.8	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B124	182	5500	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.97	Envelope Flexion
Story1	B124	182	6000	1.8	1.8	(Flex) 0.9D + 1Ex + 0.3Ey	2.06	Envelope Flexion
Story1	B125	193	0	1.7	1.7	(Flex) 0.9D + 1Ex + 0.3Ey	2.07	Envelope Flexion
Story1	B125	193	500	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.95	Envelope Flexion
Story1	B125	183	1000	0.9	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	183	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	2000	1.8	1.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	3500	2.3	2.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	5000	0.9	0.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B125	193	5500	0.9	0.9	(Flex) 0.9D + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B125	193	6000	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	1.92	Envelope Flexion
Story1	B126	194	0	1.7	1.7	(Flex) 0.9D + 1Ex + 0.3Ey	2.04	Envelope Flexion
Story1	B126	194	500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	2.08	Envelope Flexion
Story1	B126	194	1000	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.94	Envelope Flexion
Story1	B126	194	1500	2.2	1.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	2000	1.8	1.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	3500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B126	194	5500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.92	Envelope Flexion
Story1	B126	194	6000	1.6	1.6	(Flex) 0.9D + 1Ex + 0.3Ey	2.04	Envelope Flexion
Story1	B127	195	0	1.7	1.7	(Flex) 0.9D + 1Ex + 0.3Ey	2.08	Envelope Flexion
Story1	B127	195	500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.93	Envelope Flexion
Story1	B127	195	1000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	2000	1.8	1.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	3500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion
Story1	B127	195	5500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B128	196	0	1.7	1.7	(Flex) 0.9D + 1Ex + 0.3Ey	2.04	Envelope Flexion
Story1	B128	196	500	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	2.05	Envelope Flexion
Story1	B128	196	1000	0.8	0.8	(Flex) 0.9D + 1Ex + 0.3Ey	1.92	Envelope Flexion
Story1	B128	196	1500	1.2	1.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B128	196	2000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B128	196	2500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B128	196	3000	2.4	2.4	Envelope Flexion	1.91	Envelope Flexion
Story1	B128	196	3500	2.2	2.2	Envelope Flexion	1.91	Envelope Flexion
Story1	B128	196	4000	1.9	1.9	Envelope Flexion	1.91	Envelope Flexion
Story1	B128	196	4500	1.3	1.3	Envelope Flexion	1.91	Envelope Flexion
Story1	B128	196	5000	0.8	0.8	Envelope Flexion	1.91	Envelope Flexion

Design Data

Story	Label	Unique Name	Station mm	As, min Bottom cm ³	V Combo	Torsion Long Combo		At Shear cm ² /m	Y Combo	As, min Bottom cm ³	At Shear cm ² /m	Torsion Long Combo
Story1	B137	205	1500	2.3	2.3	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B137	205	1500	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.5	1.91	Envelope Flexion
Story1	B137	205	2500	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.1	1.91	Envelope Flexion
Story1	B137	205	3000	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1.3	1.91	Envelope Flexion
Story1	B137	205	3500	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	1	1.95	Envelope Flexion
Story1	B137	205	4000	2.3	2.3	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	1	2.1	Envelope Flexion
Story1	B137	205	4500	1.6	1.6	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	2.1	2.22	Envelope Flexion
Story1	B137	205	5000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	0	2.23	Envelope Flexion
Story1	B137	205	5500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	1	2.1	Envelope Flexion
Story1	B137	205	6000	1.7	1.7	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	1	1.96	Envelope Flexion
Story1	B138	206	0	0.6	0.6	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1.4	1.91	Envelope Flexion
Story1	B138	206	500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.1	1.91	Envelope Flexion
Story1	B138	206	1000	1.5	1.5	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.5	1.91	Envelope Flexion
Story1	B138	206	1500	2.3	2.3	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B138	206	2000	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.7	1.91	Envelope Flexion
Story1	B138	206	2500	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.4	1.91	Envelope Flexion
Story1	B138	206	3000	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1.9	1.91	Envelope Flexion
Story1	B138	206	3500	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1.4	1.91	Envelope Flexion
Story1	B138	206	4000	2.3	2.3	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	1.4	2.06	Envelope Flexion
Story1	B138	206	4500	1.6	1.6	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	1.8	1.98	Envelope Flexion
Story1	B138	206	5000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	0.9	1.91	Envelope Flexion
Story1	B138	206	5500	1.7	1.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	0.9	1.91	Envelope Flexion
Story1	B139	207	0	0.7	0.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1000	1.91	Envelope Flexion
Story1	B139	207	500	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1500	1.91	Envelope Flexion
Story1	B139	207	1000	1.5	1.5	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.1	1.91	Envelope Flexion
Story1	B139	207	1500	2.2	2.2	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.6	1.91	Envelope Flexion
Story1	B139	207	2000	2.7	2.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B139	207	2500	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.6	1.91	Envelope Flexion
Story1	B139	207	3000	2.6	2.6	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B139	207	3500	2.7	2.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	4000	1.91	Envelope Flexion
Story1	B139	207	4000	2.2	2.2	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	4500	1.91	Envelope Flexion
Story1	B139	207	4500	1.5	1.5	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	5000	1.91	Envelope Flexion
Story1	B139	207	5000	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	5500	1.91	Envelope Flexion
Story1	B139	207	5500	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	6000	1.91	Envelope Flexion
Story1	B139	207	6000	1.7	1.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	0	1.91	Envelope Flexion
Story1	B140	208	0	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	300	1.91	Envelope Flexion
Story1	B140	208	500	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1000	1.91	Envelope Flexion
Story1	B140	208	1000	1.4	1.4	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	1500	1.91	Envelope Flexion
Story1	B140	208	1500	2.1	2.1	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.2	1.91	Envelope Flexion
Story1	B140	208	2000	2.6	2.6	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.7	1.91	Envelope Flexion
Story1	B140	208	2500	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B140	208	3000	2.8	2.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B140	208	3500	2.7	2.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	4000	1.91	Envelope Flexion
Story1	B140	208	4000	2.2	2.2	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	4500	1.91	Envelope Flexion
Story1	B140	208	4500	1.4	1.4	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	5000	1.91	Envelope Flexion
Story1	B140	208	5000	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	5500	1.91	Envelope Flexion
Story1	B140	208	5500	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	6000	1.91	Envelope Flexion
Story1	B140	208	6000	1.8	1.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	0	1.91	Envelope Flexion
Story1	B141	209	0	1.4	1.4	(Flex) 0.9D + 1Ex + 0.3Ey	(Flex) 0.9D + 1Ex + 0.3Ey	2.04	(Flex) 0.9D + 1Ex + 0.3Ey	1	1.91	Envelope Flexion
Story1	B141	209	500	1	1	Envelope Flexion	Envelope Flexion	1.91	(Flex) 0.9D + 1Ex + 0.3Ey	1.3	1.91	Envelope Flexion
Story1	B141	209	1000	1.3	1.3	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.3	1.91	Envelope Flexion
Story1	B141	209	1500	1.9	1.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B141	209	2000	2.5	2.5	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	2.8	1.91	Envelope Flexion
Story1	B141	209	2500	2.7	2.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	4000	1.91	Envelope Flexion
Story1	B141	209	3000	2.7	2.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	4500	1.91	Envelope Flexion
Story1	B141	209	3500	1.4	1.4	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	5000	1.91	Envelope Flexion
Story1	B141	209	4000	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	5500	1.91	Envelope Flexion
Story1	B141	209	4500	0.9	0.9	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	6000	1.91	Envelope Flexion
Story1	B141	209	5000	1.7	1.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	0	1.91	Envelope Flexion
Story1	B141	209	5500	1.7	1.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	500	1.91	Envelope Flexion
Story1	B141	209	6000	0.7	0.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	5500	1.91	Envelope Flexion
Story1	B141	209	6500	0.7	0.7	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	7000	1.91	Envelope Flexion
Story1	B141	209	7000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	7500	1.91	Envelope Flexion
Story1	B141	209	8000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	8500	1.91	Envelope Flexion
Story1	B141	209	8500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	9000	1.91	Envelope Flexion
Story1	B141	209	9000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	9500	1.91	Envelope Flexion
Story1	B141	209	9500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	10000	1.91	Envelope Flexion
Story1	B141	209	10000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	10500	1.91	Envelope Flexion
Story1	B141	209	10500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	11000	1.91	Envelope Flexion
Story1	B141	209	11000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	11500	1.91	Envelope Flexion
Story1	B141	209	11500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	12000	1.91	Envelope Flexion
Story1	B141	209	12000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	12500	1.91	Envelope Flexion
Story1	B141	209	12500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	13000	1.91	Envelope Flexion
Story1	B141	209	13000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	13500	1.91	Envelope Flexion
Story1	B141	209	13500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	14000	1.91	Envelope Flexion
Story1	B141	209	14000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	14500	1.91	Envelope Flexion
Story1	B141	209	14500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	15000	1.91	Envelope Flexion
Story1	B141	209	15000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	15500	1.91	Envelope Flexion
Story1	B141	209	15500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	16000	1.91	Envelope Flexion
Story1	B141	209	16000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	16500	1.91	Envelope Flexion
Story1	B141	209	16500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	17000	1.91	Envelope Flexion
Story1	B141	209	17000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	17500	1.91	Envelope Flexion
Story1	B141	209	17500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	18000	1.91	Envelope Flexion
Story1	B141	209	18000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	18500	1.91	Envelope Flexion
Story1	B141	209	18500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	19000	1.91	Envelope Flexion
Story1	B141	209	19000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	19500	1.91	Envelope Flexion
Story1	B141	209	19500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	20000	1.91	Envelope Flexion
Story1	B141	209	20000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	20500	1.91	Envelope Flexion
Story1	B141	209	20500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	21000	1.91	Envelope Flexion
Story1	B141	209	21000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	21500	1.91	Envelope Flexion
Story1	B141	209	21500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	22000	1.91	Envelope Flexion
Story1	B141	209	22000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	22500	1.91	Envelope Flexion
Story1	B141	209	22500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	23000	1.91	Envelope Flexion
Story1	B141	209	23000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	23500	1.91	Envelope Flexion
Story1	B141	209	23500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	24000	1.91	Envelope Flexion
Story1	B141	209	24000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	24500	1.91	Envelope Flexion
Story1	B141	209	24500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	25000	1.91	Envelope Flexion
Story1	B141	209	25000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	25500	1.91	Envelope Flexion
Story1	B141	209	25500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	26000	1.91	Envelope Flexion
Story1	B141	209	26000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	26500	1.91	Envelope Flexion
Story1	B141	209	26500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	27000	1.91	Envelope Flexion
Story1	B141	209	27000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	27500	1.91	Envelope Flexion
Story1	B141	209	27500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	28000	1.91	Envelope Flexion
Story1	B141	209	28000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	28500	1.91	Envelope Flexion
Story1	B141	209	28500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	29000	1.91	Envelope Flexion
Story1	B141	209	29000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	29500	1.91	Envelope Flexion
Story1	B141	209	29500	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	30000	1.91	Envelope Flexion
Story1	B141	209	30000	0.8	0.8	Envelope Flexion	Envelope Flexion	1.91	Envelope Flexion	30500	1.91	Envelope Flexion
Story1	B141	209	30500	0.8	0							

Story	Label	Unique Name	Station mm	As min Bottom cm	V Combo	At Shear cm/in	Torsion Long Combo	As min Bottom cm	Station mm	As min Bottom cm	V Combo	At Shear cm/in	Torsion Long Combo
Story1	B145	141	4500	2.2	Envelope Flexion	1.91	Envelope Flexion	1.1	6000	0.03573	(Flex) 0.90 + 1Ex + 0.3Ey	2.03	Envelope Flexion
Story1	B145	141	5000	1.5	Envelope Flexion	1.91	Envelope Flexion	0	145	0	(Flex) 0.90 + 1Ex + 0.3Ey	2.53	Envelope Flexion
Story1	B145	141	5000	0.8	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	2.51	Envelope Flexion
Story1	B145	141	6000	0.6	Envelope Flexion	1.91	Envelope Flexion	1.5	146	1.5	(Flex) 0.90 + 1Ex + 0.3Ey	2.36	Envelope Flexion
Story1	B146	142	0	1.7	Envelope Flexion	1.91	Envelope Flexion	2.8	146	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	2.21	Envelope Flexion
Story1	B146	142	500	0.8	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	2.06	Envelope Flexion
Story1	B146	142	1000	0.5	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	1500	1.5	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	2000	2.3	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	2500	2.8	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	3000	2.8	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	3500	2.8	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	4000	2.7	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	4500	2.2	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	5000	1.5	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B146	142	5500	0.8	Envelope Flexion	1.91	Envelope Flexion	2.8	148	2.8	(Flex) 0.90 + 1Ex + 0.3Ey	1.91	Envelope Flexion
Story1	B147	143	0	1.8	Envelope Flexion	1.91	Envelope Flexion	0.1	147	0	(Flex) 1.20 + 1L + 0.3Ex - Ey	2.97	Envelope Flexion
Story1	B147	143	2500	2.2	Envelope Flexion	1.91	Envelope Flexion	0.1	147	0	(Flex) 1.20 + 1L + 0.3Ex - Ey	2.97	Envelope Flexion
Story1	B147	143	3000	2.8	Envelope Flexion	1.91	Envelope Flexion	0.2	147	0.2	(Flex) 1.20 + 1L + 0.3Ex - Ey	3.36	Envelope Flexion
Story1	B147	143	3500	2.8	Envelope Flexion	1.91	Envelope Flexion	0.6	148	0.6	(Flex) 0.90 + 1Ex + 0.3Ey	10.49	Envelope Flexion
Story1	B147	143	4000	2.7	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.59	Envelope Flexion
Story1	B147	143	4500	2.2	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.39	Envelope Flexion
Story1	B147	143	5000	1.5	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	8.31	Envelope Flexion
Story1	B147	143	5500	0.9	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.44	Envelope Flexion
Story1	B147	143	6000	0.6	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.23	Envelope Flexion
Story1	B148	144	0	1.5	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.56	Envelope Flexion
Story1	B148	144	500	0.7	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	5.35	Envelope Flexion
Story1	B148	144	1000	0.7	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	5.15	Envelope Flexion
Story1	B148	144	1500	0.7	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	5.01	Envelope Flexion
Story1	B148	144	2000	1.2	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	5.27	Envelope Flexion
Story1	B148	144	2500	1.7	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.94	Envelope Flexion
Story1	B148	144	3000	2.1	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.14	Envelope Flexion
Story1	B148	144	3500	2.2	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.81	Envelope Flexion
Story1	B148	144	4000	2.1	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.01	Envelope Flexion
Story1	B148	144	4500	2.1	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.27	Envelope Flexion
Story1	B148	144	5000	1.9	Envelope Flexion	1.91	Envelope Flexion	6.8	148	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.97	Envelope Flexion
Story1	B148	144	5500	0.9	Envelope Flexion	1.91	Envelope Flexion	6.1	148	6.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.07	Envelope Flexion
Story1	B148	144	6000	0.3	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.34	Envelope Flexion
Story1	B149	145	0	2.6	(Flex) 0.90 + 1Ex + 0.3Ey	2.28	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.94	Envelope Flexion
Story1	B149	145	500	1.3	(Flex) 0.90 + 1Ex + 0.3Ey	2.16	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	10.15	Envelope Flexion
Story1	B149	145	1000	1.3	(Flex) 0.90 + 1Ex + 0.3Ey	2.02	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	10.35	Envelope Flexion
Story1	B149	145	1500	2.4	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	11.02	Envelope Flexion
Story1	B149	145	2000	2.8	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	11.17	Envelope Flexion
Story1	B149	145	2500	2.8	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	11.32	Envelope Flexion
Story1	B149	145	3000	2.8	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	11.11	Envelope Flexion
Story1	B149	145	3500	2.8	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	10.86	Envelope Flexion
Story1	B149	145	4000	2.8	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	10.82	Envelope Flexion
Story1	B149	145	4500	2.8	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	10.15	Envelope Flexion
Story1	B149	145	5000	2.3	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.74	Envelope Flexion
Story1	B149	145	5500	1.3	Envelope Flexion	1.91	Envelope Flexion	4.1	148	4.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.09	Envelope Flexion

Design Data

Story	Label	Unique Name	Station mm	As,min Bottom cm²	V Combo	At Shear cm²/m	Torsion Long Combo	As,min Bottom cm²	Unique Name	Station mm	As,min Bottom cm²	V Combo	At Shear cm²/m	Torsion Long Combo
Story1	B72	148	1875	4	(Flex) 0.9D + 1Ex + 0.3Ey	8.88	Emvolutive Flexion	0.018659	B156	224	720	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.23	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	148	2280	5.9	(Flex) 0.9D + 1Ex + 0.3Ey	8.89	Emvolutive Flexion	0.018659	B157	225	725	(Flex) 0.9D + 1Ex + 0.3Ey	6.56	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	2280	5.9	(Flex) 0.9D + 1Ex + 0.3Ey	8.03	Emvolutive Flexion	0.018659	B157	225	725	(Flex) 0.9D + 1Ex + 0.3Ey	6.51	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	2625	5.8	(Flex) 0.9D + 1Ex + 0.3Ey	7.82	Emvolutive Flexion	0.018659	B157	225	750	(Flex) 0.9D + 1Ex + 0.3Ey	6.37	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	3000	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	7.62	Emvolutive Flexion	0.018659	B157	225	750	(Flex) 0.9D + 1Ex + 0.3Ey	6.19	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	3000	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	6.96	Emvolutive Flexion	0.018659	B157	225	1125	(Flex) 0.9D + 1Ex + 0.3Ey	5.99	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	3375	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	6.75	Emvolutive Flexion	0.018659	B157	225	1125	(Flex) 0.9D + 1Ex + 0.3Ey	5.77	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	3750	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	6.54	Emvolutive Flexion	0.018659	B157	225	1500	(Flex) 0.9D + 1Ex + 0.3Ey	5.63	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	3750	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	5.96	Emvolutive Flexion	0.018659	B157	225	1500	(Flex) 0.9D + 1Ex + 0.3Ey	5.42	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	4125	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	6.17	Emvolutive Flexion	0.018659	B157	225	1875	(Flex) 0.9D + 1Ex + 0.3Ey	5.21	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	4500	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	6.38	Emvolutive Flexion	0.018659	B157	225	2250	(Flex) 0.9D + 1Ex + 0.3Ey	5.07	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	4875	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	7.05	Emvolutive Flexion	0.018659	B157	225	2250	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	5250	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	7.25	Emvolutive Flexion	0.018659	B157	225	2625	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	5250	6.8	(Flex) 0.9D + 1Ex + 0.3Ey	7.46	Emvolutive Flexion	0.018659	B157	225	3000	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	5625	6.2	(Flex) 0.9D + 1Ex + 0.3Ey	6.12	Emvolutive Flexion	0.018659	B157	225	3000	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	6000	5.1	(Flex) 0.9D + 1Ex + 0.3Ey	8.53	Emvolutive Flexion	0.018659	B157	225	3375	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	6375	4	(Flex) 0.9D + 1Ex + 0.3Ey	9.2	Emvolutive Flexion	0.018659	B157	225	3750	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	6750	4	(Flex) 0.9D + 1Ex + 0.3Ey	9.41	Emvolutive Flexion	0.018659	B157	225	3750	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	7125	4	(Flex) 0.9D + 1Ex + 0.3Ey	9.61	Emvolutive Flexion	0.018659	B157	225	4125	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	7500	6.3	(Flex) 0.9D + 1Ex + 0.3Ey	10.3	Emvolutive Flexion	0.018659	B157	225	4500	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	7875	6.3	(Flex) 0.9D + 1Ex + 0.3Ey	10.44	Emvolutive Flexion	0.018659	B157	225	4875	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	149	8250	6.3	(Flex) 0.9D + 1Ex + 0.3Ey	10.59	Emvolutive Flexion	0.018659	B157	225	5250	(Flex) 0.9D + 1Ex + 0.3Ey	5.87	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	150	8625	0.1	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.87	(Flex) 0.9D + 0.1Ex + 0.3Ey	0.04521	B158	226	4875	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	2.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	150	9000	0.03398	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.87	(Flex) 0.9D + 0.3Ex + 0.1Ey	0.03241	B159	226	750	(Flex) 0.9D + 0.3Ex + 0.1Ey	2.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	9375	0.04615	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.87	(Flex) 0.9D + 0.1Ex + 0.3Ey	0.03241	B159	227	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	2.39	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	9750	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.1	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	10125	0.5	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	10500	0.5	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.61	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	10875	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.39	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	11250	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.48	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	11625	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.88	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	12000	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.77	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	12375	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.96	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	12750	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.74	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	13125	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.45	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	13500	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.49	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	13875	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.68	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	14250	0.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.9	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	14625	0.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.24	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	15000	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.74	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	15375	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.45	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	15750	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.49	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	16125	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.68	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	16500	0.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.24	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	16875	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.74	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	17250	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.45	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	17625	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.49	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	18000	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.68	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	18375	0.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.24	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	18750	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.74	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	19125	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.45	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	19500	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.49	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	19875	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.68	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	20250	0.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.24	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	20625	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.74	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	21000	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.45	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	21375	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.49	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	21750	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.68	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	22125	0.4	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	6.24	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	22500	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.74	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	22875	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.45	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1	B72	151	23250	0.2	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	5.49	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	0.2	B160	228	2625	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey	3.18	(Flex) 1.2D + 1L + 0.3Ex + 0.3Ey
Story1														

Design Data

Story	Label	Unique Name	Station mm	As.min Bottom cm ²	V Combo	At Shear cm ² /m	Torsion Long Combo	As.min Bottom cm ²	V Combo	At Shear cm ² /m	Torsion Long Combo
Story1	B160	228	4500	5.8	(Flex) 0.90 + 1Ex + 0.35y	6.64	Envelope Flexion	1612.5	232	1612.5	Envelope Flexion
Story1	B160	228	4875	6.8	(Flex) 0.90 + 1Ex + 0.35y	6.84	Envelope Flexion	2075	232	2075	Envelope Flexion
Story1	B160	228	5250	6.8	(Flex) 0.90 + 1Ex + 0.35y	7.06	Envelope Flexion	2537.5	232	2537.5	Envelope Flexion
Story1	B160	228	5625	6.8	(Flex) 0.90 + 1Ex + 0.35y	7.6	Envelope Flexion	3000	232	3000	Envelope Flexion
Story1	B160	228	5500	6.8	(Flex) 0.90 + 1Ex + 0.35y	7.73	Envelope Flexion	3462.5	232	3462.5	Envelope Flexion
Story1	B160	228	5500	5.8	(Flex) 0.90 + 1Ex + 0.35y	7.89	Envelope Flexion	3925	232	3925	Envelope Flexion
Story1	B160	228	6000	4.7	(Flex) 0.90 + 1Ex + 0.35y	8.16	Envelope Flexion	4387.5	232	4387.5	Envelope Flexion
Story1	B160	228	6000	4.7	(Flex) 0.90 + 1Ex + 0.35y	8.75	Envelope Flexion	4850	232	4850	Envelope Flexion
Story1	B160	228	6375	3.3	(Flex) 0.90 + 1Ex + 0.35y	8.97	Envelope Flexion	5312.5	232	5312.5	Envelope Flexion
Story1	B160	228	6750	3.3	(Flex) 0.90 + 1Ex + 0.35y	9.16	Envelope Flexion	5775	232	5775	Envelope Flexion
Story1	B160	228	7012.5	3.3	(Flex) 0.90 + 1Ex + 0.35y	9.86	Envelope Flexion	6237.5	232	6237.5	Envelope Flexion
Story1	B160	228	7275	6.6	(Flex) 0.90 + 1Ex + 0.35y	9.99	Envelope Flexion	6700	232	6700	Envelope Flexion
Story1	B160	228	7275	6.6	(Flex) 0.90 + 1Ex + 0.35y	10.14	Envelope Flexion	7162.5	232	7162.5	Envelope Flexion
Story1	B161	229	225	1.9	(Flex) 1.20 + 1L - Ex - 0.35y	2.75	Envelope Flexion	1150	233	1150	Envelope Flexion
Story1	B161	229	887.5	1.8	(Flex) 1.20 + 1L - Ex - 0.35y	2.94	Envelope Flexion	1612.5	233	1612.5	Envelope Flexion
Story1	B161	229	1150	2.1	Envelope Flexion	2.5	Envelope Flexion	2075	233	2075	Envelope Flexion
Story1	B161	229	1612.5	2.1	Envelope Flexion	2.5	Envelope Flexion	2537.5	233	2537.5	Envelope Flexion
Story1	B161	229	2075	1.9	Envelope Flexion	2.5	Envelope Flexion	3000	233	3000	Envelope Flexion
Story1	B161	229	2537.5	1.7	Envelope Flexion	2.5	Envelope Flexion	3462.5	233	3462.5	Envelope Flexion
Story1	B161	229	3000	1.3	Envelope Flexion	2.5	Envelope Flexion	3925	233	3925	Envelope Flexion
Story1	B161	229	3462.5	1.2	Envelope Flexion	2.5	Envelope Flexion	3925	233	3925	Envelope Flexion
Story1	B161	229	3925	1.3	Envelope Flexion	2.5	Envelope Flexion	4387.5	233	4387.5	Envelope Flexion
Story1	B161	229	4387.5	1.3	Envelope Flexion	2.5	Envelope Flexion	4850	233	4850	Envelope Flexion
Story1	B161	229	4850	1.2	(Flex) 1.20 + 1L - Ex - 0.35y	2.55	Envelope Flexion	5312.5	233	5312.5	Envelope Flexion
Story1	B161	229	5312.5	1.2	(Flex) 1.20 + 1L - Ex - 0.35y	2.77	Envelope Flexion	5775	233	5775	Envelope Flexion
Story1	B161	229	5775	1.9	(Flex) 1.20 + 1L - Ex - 0.35y	2.99	Envelope Flexion	6237.5	233	6237.5	Envelope Flexion
Story1	B162	230	225	1.7	(Flex) 1.20 + 1L - Ex - 0.35y	2.81	Envelope Flexion	1075	234	1075	Envelope Flexion
Story1	B162	230	687.5	1.1	(Flex) 1.20 + 1L - Ex - 0.35y	2.6	Envelope Flexion	1500	234	1500	Envelope Flexion
Story1	B162	230	1150	1.1	Envelope Flexion	2.5	Envelope Flexion	1925	234	1925	Envelope Flexion
Story1	B162	230	1612.5	1.2	Envelope Flexion	2.5	Envelope Flexion	2350	234	2350	Envelope Flexion
Story1	B162	230	2075	1.2	Envelope Flexion	2.5	Envelope Flexion	2775	234	2775	Envelope Flexion
Story1	B162	230	2537.5	1.1	Envelope Flexion	2.5	Envelope Flexion	325	235	325	Envelope Flexion
Story1	B162	230	3000	1.1	Envelope Flexion	2.5	Envelope Flexion	367.5	235	367.5	Envelope Flexion
Story1	B162	230	3462.5	1.1	Envelope Flexion	2.5	Envelope Flexion	4130	235	4130	Envelope Flexion
Story1	B162	230	3925	1.3	Envelope Flexion	2.5	Envelope Flexion	4592.5	235	4592.5	Envelope Flexion
Story1	B162	230	4387.5	1.3	Envelope Flexion	2.5	Envelope Flexion	5055	235	5055	Envelope Flexion
Story1	B162	230	4850	1.2	Envelope Flexion	2.5	Envelope Flexion	5517.5	235	5517.5	Envelope Flexion
Story1	B162	230	5312.5	1.2	(Flex) 1.20 + 1L - Ex - 0.35y	2.57	Envelope Flexion	5980	235	5980	Envelope Flexion
Story1	B162	230	5775	1.7	(Flex) 1.20 + 1L - Ex - 0.35y	2.79	Envelope Flexion	6442.5	235	6442.5	Envelope Flexion
Story1	B163	231	225	1.7	(Flex) 1.20 + 1L - Ex - 0.35y	2.79	Envelope Flexion	6905	235	6905	Envelope Flexion
Story1	B163	231	687.5	1.2	(Flex) 1.20 + 1L - Ex - 0.35y	2.57	Envelope Flexion	7367.5	235	7367.5	Envelope Flexion
Story1	B163	231	1150	1.2	Envelope Flexion	2.5	Envelope Flexion	7830	235	7830	Envelope Flexion
Story1	B163	231	1612.5	1.3	Envelope Flexion	2.5	Envelope Flexion	8292.5	235	8292.5	Envelope Flexion
Story1	B163	231	2075	1.3	Envelope Flexion	2.5	Envelope Flexion	8755	235	8755	Envelope Flexion
Story1	B163	231	2537.5	1.1	Envelope Flexion	2.5	Envelope Flexion	9217.5	235	9217.5	Envelope Flexion
Story1	B163	231	3000	1.1	Envelope Flexion	2.5	Envelope Flexion	9680	235	9680	Envelope Flexion
Story1	B163	231	3462.5	1.2	Envelope Flexion	2.5	Envelope Flexion	10142.5	235	10142.5	Envelope Flexion
Story1	B163	231	3925	1.3	Envelope Flexion	2.5	Envelope Flexion	10605	235	10605	Envelope Flexion
Story1	B163	231	4387.5	1.3	Envelope Flexion	2.5	Envelope Flexion	11067.5	235	11067.5	Envelope Flexion
Story1	B163	231	4850	1.2	(Flex) 1.20 + 1L - Ex - 0.35y	2.59	Envelope Flexion	11530	235	11530	Envelope Flexion
Story1	B163	231	5312.5	1.1	(Flex) 1.20 + 1L - Ex - 0.35y	2.59	Envelope Flexion	11992.5	235	11992.5	Envelope Flexion
Story1	B163	231	5775	1.7	(Flex) 1.20 + 1L - Ex - 0.35y	2.8	Envelope Flexion	12455	235	12455	Envelope Flexion
Story1	B164	232	225	1.7	(Flex) 1.20 + 1L - Ex - 0.35y	2.8	Envelope Flexion	12917.5	236	12917.5	Envelope Flexion
Story1	B164	232	687.5	1.2	(Flex) 1.20 + 1L - Ex - 0.35y	2.58	Envelope Flexion	13380	236	13380	Envelope Flexion
Story1	B164	232	1150	1.2	Envelope Flexion	2.5	Envelope Flexion	13842.5	236	13842.5	Envelope Flexion

Design Data

Design Data

Story	Label	Unique Name	Station mm	As min Bottom cm	V Combo	At Shear cm ² /m	Torsion Long Combo	As min Bottom cm	Station mm	Unique Name	Label	Story
Story1	B188	236	5775	1.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.82	Envelope Flexion	2.3	1150	241	B173	Story1
Story1	B189	237	225	1.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.83	Envelope Flexion	2.3	1612.5	241	B173	Story1
Story1	B169	237	687.5	1.3	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.81	Envelope Flexion	2.4	2075	241	B173	Story1
Story1	B169	237	1150	1.3	Envelope Flexion	2.5	Envelope Flexion	2.4	2537.5	241	B173	Story1
Story1	B169	237	1612.5	1.4	Envelope Flexion	2.5	Envelope Flexion	2.4	3000	241	B173	Story1
Story1	B169	237	2075	1.3	Envelope Flexion	2.5	Envelope Flexion	2.2	3482.5	241	B173	Story1
Story1	B169	237	2537.5	1.2	Envelope Flexion	2.5	Envelope Flexion	1.9	3925	241	B173	Story1
Story1	B169	237	3000	1.1	Envelope Flexion	2.5	Envelope Flexion	1.4	4387.5	241	B173	Story1
Story1	B169	237	3482.5	1.2	Envelope Flexion	2.5	Envelope Flexion	1.2	4850	241	B173	Story1
Story1	B169	237	3925	1.3	Envelope Flexion	2.5	Envelope Flexion	1.1	5312.5	241	B173	Story1
Story1	B169	237	4387.5	1.3	Envelope Flexion	2.5	Envelope Flexion	2.2	5775	242	B174	Story1
Story1	B169	237	4850	1.3	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.62	Envelope Flexion	2	525	242	B174	Story1
Story1	B169	237	5312.5	1.2	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.84	Envelope Flexion	1	687.5	242	B174	Story1
Story1	B169	237	5775	1.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.83	Envelope Flexion	1	1150	242	B174	Story1
Story1	B170	238	225	1.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.81	Envelope Flexion	1.2	1612.5	242	B174	Story1
Story1	B170	238	687.5	1.3	Envelope Flexion	2.5	Envelope Flexion	1.2	2075	242	B174	Story1
Story1	B170	238	1150	1.3	Envelope Flexion	2.5	Envelope Flexion	1.7	2537.5	242	B174	Story1
Story1	B170	238	1612.5	1.3	Envelope Flexion	2.5	Envelope Flexion	2	3000	242	B174	Story1
Story1	B170	238	2075	1.3	Envelope Flexion	2.5	Envelope Flexion	2.1	3482.5	242	B174	Story1
Story1	B170	238	2537.5	1.2	Envelope Flexion	2.5	Envelope Flexion	1.4	3925	242	B174	Story1
Story1	B170	238	3000	1.1	Envelope Flexion	2.5	Envelope Flexion	1.1	4387.5	242	B174	Story1
Story1	B170	238	3482.5	1.2	Envelope Flexion	2.5	Envelope Flexion	1.1	4850	242	B174	Story1
Story1	B170	238	3925	1.3	Envelope Flexion	2.5	Envelope Flexion	1.1	5312.5	242	B174	Story1
Story1	B170	238	4387.5	1.3	Envelope Flexion	2.5	Envelope Flexion	1.1	5775	243	B175	Story1
Story1	B170	238	4850	1.3	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.61	Envelope Flexion	1.9	687.5	243	B175	Story1
Story1	B170	238	5312.5	1.2	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.83	Envelope Flexion	1	1150	243	B175	Story1
Story1	B171	239	225	1.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.8	Envelope Flexion	1.1	1612.5	243	B175	Story1
Story1	B171	239	687.5	1.3	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.59	Envelope Flexion	2.1	2075	243	B175	Story1
Story1	B171	239	1150	1.3	Envelope Flexion	2.5	Envelope Flexion	2.1	2537.5	243	B175	Story1
Story1	B171	239	1612.5	1.4	Envelope Flexion	2.5	Envelope Flexion	2	3000	243	B175	Story1
Story1	B171	239	2075	1.2	Envelope Flexion	2.5	Envelope Flexion	1.7	3482.5	243	B175	Story1
Story1	B171	239	2537.5	1.2	Envelope Flexion	2.5	Envelope Flexion	1.7	3925	243	B175	Story1
Story1	B171	239	3000	1.1	Envelope Flexion	2.5	Envelope Flexion	1.4	4387.5	243	B175	Story1
Story1	B171	239	3482.5	1.1	Envelope Flexion	2.5	Envelope Flexion	1.1	4850	243	B175	Story1
Story1	B171	239	3925	1.2	Envelope Flexion	2.5	Envelope Flexion	1.1	5312.5	243	B175	Story1
Story1	B171	239	4387.5	1.2	Envelope Flexion	2.5	Envelope Flexion	1	5775	243	B175	Story1
Story1	B171	239	4850	1.2	Envelope Flexion	2.5	Envelope Flexion	1.9	687.5	244	B176	Story1
Story1	B171	239	5312.5	1.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.63	Envelope Flexion	1.8	1150	244	B176	Story1
Story1	B171	239	5775	1.8	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.85	Envelope Flexion	1.9	1612.5	244	B176	Story1
Story1	B172	240	225	1.9	(Flex) 1.2D + 1L - Ex - 0.3Ey	3	Envelope Flexion	1.1	2075	244	B176	Story1
Story1	B172	240	687.5	1.3	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.79	Envelope Flexion	1.7	2537.5	244	B176	Story1
Story1	B172	240	1150	1.3	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.55	Envelope Flexion	2.1	3000	244	B176	Story1
Story1	B172	240	1612.5	1.4	Envelope Flexion	2.5	Envelope Flexion	2	3482.5	244	B176	Story1
Story1	B172	240	2075	1.4	Envelope Flexion	2.5	Envelope Flexion	1.7	3925	244	B176	Story1
Story1	B172	240	2537.5	1.2	Envelope Flexion	2.5	Envelope Flexion	1.4	4387.5	244	B176	Story1
Story1	B172	240	3000	1.3	Envelope Flexion	2.5	Envelope Flexion	1.1	4850	244	B176	Story1
Story1	B172	240	3482.5	1.7	Envelope Flexion	2.5	Envelope Flexion	2	5312.5	244	B176	Story1
Story1	B172	240	3925	2	Envelope Flexion	2.5	Envelope Flexion	1.9	5775	244	B176	Story1
Story1	B172	240	4387.5	2.1	Envelope Flexion	2.5	Envelope Flexion	1.1	687.5	245	B177	Story1
Story1	B172	240	4850	2.1	Envelope Flexion	2.5	Envelope Flexion	1.1	1150	245	B177	Story1
Story1	B172	240	5312.5	2	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.57	Envelope Flexion	1.1	1612.5	245	B177	Story1
Story1	B172	240	5775	2	(Flex) 1.2D + 1L - Ex - 0.3Ey	2.79	Envelope Flexion	1.4	2075	245	B177	Story1
Story1	B173	241	225	1.8	Envelope Flexion	2.5	Envelope Flexion	1.8	2537.5	245	B177	Story1
Story1	B173	241	687.5	1.9	Envelope Flexion	2.5	Envelope Flexion	1.8	3000	245	B177	Story1

Story	Label	Unique Name	Station mm	As,min Bottom cm ²	V Combo	At Shear cm ² /in	Torsion Long Combo	As,min Bottom cm ²	Station mm	V Combo	At Shear cm ² /in	Torsion Long Combo
Story1	B177	245	2537.5	2.1	Envelope Flexion	2.5	Envelope Flexion	6.1	1500	(Flex) 0.90 + 1Ex + 0.3Ey	12.17	Envelope Flexion
Story1	B177	245	3000	2.2	Envelope Flexion	2.5	Envelope Flexion	6.1	1500	(Flex) 0.90 + 1Ex + 0.3Ey	11.4	Envelope Flexion
Story1	B177	245	3462.5	2.1	Envelope Flexion	2.5	Envelope Flexion	6.1	1975	(Flex) 0.90 + 1Ex + 0.3Ey	11.26	Envelope Flexion
Story1	B177	245	3925	1.9	Envelope Flexion	2.5	Envelope Flexion	6.1	2250	(Flex) 0.90 + 1Ex + 0.3Ey	11.13	Envelope Flexion
Story1	B177	245	4387.5	1.5	Envelope Flexion	2.5	Envelope Flexion	6.1	2500	(Flex) 0.90 + 1Ex + 0.3Ey	10.35	Envelope Flexion
Story1	B177	245	4860	1.1	Envelope Flexion	2.5	Envelope Flexion	5	2500	(Flex) 0.90 + 1Ex + 0.3Ey	10.26	Envelope Flexion
Story1	B177	245	5312.5	1	Envelope Flexion	2.5	Envelope Flexion	5	0	(Flex) 0.90 + 1Ex + 0.3Ey	10.37	Envelope Flexion
Story1	B177	245	5775	1	Envelope Flexion	2.5	Envelope Flexion	6	0	(Flex) 0.90 + 1Ex + 0.3Ey	10.37	Envelope Flexion
Story1	B178	246	225	2.7	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.63	(Flex) 1.4D	6.2	260	(Flex) 0.90 + 1Ex + 0.3Ey	10.46	Envelope Flexion
Story1	B178	246	660	1.9	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.06	(Flex) 1.4D	6.2	250	(Flex) 0.90 + 1Ex + 0.3Ey	11.14	Envelope Flexion
Story1	B178	246	1075	1	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.06	(Flex) 1.4D	6.2	500	(Flex) 0.90 + 1Ex + 0.3Ey	11.23	Envelope Flexion
Story1	B178	246	1500	0.9	(Flex) 1.2D + 1L - Ex - 0.3Ey	3.9	(Flex) 1.4D	6.2	500	(Flex) 0.90 + 1Ex + 0.3Ey	11.39	Envelope Flexion
Story1	B178	246	1925	1.1	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.17	(Flex) 1.4D	6.2	1000	(Flex) 0.90 + 1Ex + 0.3Ey	11.57	Envelope Flexion
Story1	B178	246	2350	2	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.45	(Flex) 1.4D	6.2	1000	(Flex) 0.90 + 1Ex + 0.3Ey	12.3	Envelope Flexion
Story1	B178	246	2775	2.6	(Flex) 1.2D + 1L - Ex - 0.3Ey	4.73	(Flex) 1.4D	6.2	1375	(Flex) 0.90 + 1Ex + 0.3Ey	12.43	Envelope Flexion
Story1	B189	2	0	6.4	(Flex) 0.90 + 1Ex + 0.3Ey	10.97	Envelope Flexion	6.2	1750	(Flex) 0.90 + 1Ex + 0.3Ey	12.57	Envelope Flexion
Story1	B189	2	280	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	11.06	Envelope Flexion	6.2	1750	(Flex) 0.90 + 1Ex + 0.3Ey	13.35	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B189	2	280	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	11.8	Envelope Flexion	6.2	2012.5	(Flex) 0.90 + 1Ex + 0.3Ey	13.45	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B189	2	500	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	11.88	Envelope Flexion	9.5	2275	(Flex) 0.90 + 1Ex + 0.3Ey	13.55	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B189	2	500	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	12.05	Envelope Flexion	9.3	225	(Flex) 0.90 + 1Ex + 0.3Ey	13.36	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B189	2	1000	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	12.22	Envelope Flexion	6.1	487.5	(Flex) 0.90 + 1Ex + 0.3Ey	13.28	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B189	2	1000	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	13.02	Envelope Flexion	6.1	750	(Flex) 0.90 + 1Ex + 0.3Ey	13.18	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B189	2	1375	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	13.15	(Flex) 0.90 + 1Ex + 0.3Ey	6.1	750	(Flex) 0.90 + 1Ex + 0.3Ey	12.4	Envelope Flexion
Story1	B189	2	1750	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	13.29	(Flex) 0.90 + 1Ex + 0.3Ey	6.1	1125	(Flex) 0.90 + 1Ex + 0.3Ey	12.27	Envelope Flexion
Story1	B189	2	1750	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	14.13	(Flex) 1.2D + 1L + 0.3Ex - Ey	6.1	1500	(Flex) 0.90 + 1Ex + 0.3Ey	12.13	Envelope Flexion
Story1	B189	2	2012.5	6.6	(Flex) 0.90 + 1Ex + 0.3Ey	14.22	(Flex) 1.2D + 1L + 0.3Ex - Ey	6.1	1500	(Flex) 0.90 + 1Ex + 0.3Ey	11.25	Envelope Flexion
Story1	B189	2	2275	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	14.32	(Flex) 1.2D + 1L + 0.3Ex - Ey	6.1	1675	(Flex) 0.90 + 1Ex + 0.3Ey	11.21	Envelope Flexion
Story1	B190	3	225	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	14.15	(Flex) 1.2D + 1L + 0.3Ex - Ey	6.1	2250	(Flex) 0.90 + 1Ex + 0.3Ey	11.07	Envelope Flexion
Story1	B190	3	437.5	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	14.05	(Flex) 1.2D + 1L + 0.3Ex - Ey	6.1	2250	(Flex) 0.90 + 1Ex + 0.3Ey	10.29	Envelope Flexion
Story1	B190	3	750	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	13.85	(Flex) 1.2D + 1L + 0.3Ex - Ey	5	2500	(Flex) 0.90 + 1Ex + 0.3Ey	10.2	Envelope Flexion
Story1	B190	3	750	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	13.12	(Flex) 0.90 + 1Ex + 0.3Ey	5.9	250	(Flex) 0.90 + 1Ex + 0.3Ey	10.34	Envelope Flexion
Story1	B190	3	1125	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	12.98	(Flex) 0.90 + 1Ex + 0.3Ey	6.2	250	(Flex) 0.90 + 1Ex + 0.3Ey	10.43	Envelope Flexion
Story1	B190	3	1500	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	12.85	(Flex) 0.90 + 1Ex + 0.3Ey	6.2	250	(Flex) 0.90 + 1Ex + 0.3Ey	11.11	Envelope Flexion
Story1	B190	3	1500	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	12	Envelope Flexion	6.2	500	(Flex) 0.90 + 1Ex + 0.3Ey	11.79	Envelope Flexion
Story1	B190	3	1875	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	11.96	Envelope Flexion	6.2	500	(Flex) 0.90 + 1Ex + 0.3Ey	11.36	Envelope Flexion
Story1	B190	3	2250	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	11.73	Envelope Flexion	6.2	1000	(Flex) 0.90 + 1Ex + 0.3Ey	11.53	Envelope Flexion
Story1	B190	3	2250	6.5	(Flex) 0.90 + 1Ex + 0.3Ey	10.69	Envelope Flexion	6.2	1000	(Flex) 0.90 + 1Ex + 0.3Ey	12.27	Envelope Flexion
Story1	B190	3	2500	5.4	(Flex) 0.90 + 1Ex + 0.3Ey	10.79	Envelope Flexion	6.2	1375	(Flex) 0.90 + 1Ex + 0.3Ey	12.4	Envelope Flexion
Story1	B190	3	2500	5.4	(Flex) 0.90 + 1Ex + 0.3Ey	10.44	Envelope Flexion	6.2	1750	(Flex) 0.90 + 1Ex + 0.3Ey	12.54	Envelope Flexion
Story1	B190	3	2500	6	(Flex) 0.90 + 1Ex + 0.3Ey	10.53	Envelope Flexion	6.2	1750	(Flex) 0.90 + 1Ex + 0.3Ey	13.33	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	10.53	Envelope Flexion	6.2	2012.5	(Flex) 0.90 + 1Ex + 0.3Ey	13.42	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	11.2	Envelope Flexion	9.5	2275	(Flex) 0.90 + 1Ex + 0.3Ey	13.52	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	11.29	Envelope Flexion	9.3	225	(Flex) 0.90 + 1Ex + 0.3Ey	13.43	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	11.45	Envelope Flexion	6.1	487.5	(Flex) 0.90 + 1Ex + 0.3Ey	13.33	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	12.36	Envelope Flexion	6.1	750	(Flex) 0.90 + 1Ex + 0.3Ey	13.23	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	12.49	Envelope Flexion	6.1	750	(Flex) 0.90 + 1Ex + 0.3Ey	12.44	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	12.53	Envelope Flexion	6.1	1125	(Flex) 0.90 + 1Ex + 0.3Ey	12.3	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	12.4	(Flex) 0.90 + 1Ex + 0.3Ey	6.1	1500	(Flex) 0.90 + 1Ex + 0.3Ey	12.17	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	13.5	(Flex) 0.90 + 1Ex + 0.3Ey	6.1	1500	(Flex) 0.90 + 1Ex + 0.3Ey	11.37	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	13.6	(Flex) 0.90 + 1Ex + 0.3Ey	6.1	1675	(Flex) 0.90 + 1Ex + 0.3Ey	11.21	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	13.41	(Flex) 0.90 + 1Ex + 0.3Ey	6.1	2250	(Flex) 0.90 + 1Ex + 0.3Ey	11.1	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	13.31	(Flex) 0.90 + 1Ex + 0.3Ey	5	2250	(Flex) 0.90 + 1Ex + 0.3Ey	10.31	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	13.22	(Flex) 0.90 + 1Ex + 0.3Ey	6.8	2500	(Flex) 0.90 + 1Ex + 0.3Ey	10.22	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	13.45	Envelope Flexion	6	250	(Flex) 0.90 + 1Ex + 0.3Ey	10.27	Envelope Flexion
Story1	B190	3	2500	6.3	(Flex) 0.90 + 1Ex + 0.3Ey	12.31	Envelope Flexion	6	250	(Flex) 0.90 + 1Ex + 0.3Ey	11.01	Envelope Flexion

Design Data

Story	Label	Unique Name	Station mm	As Bottom cm ²	As Bottom cm ²	V Combo	At Shear cm ² /mm	Torsion Long Combo	Story	Label	Unique Name	Station mm	As Bottom cm ²	As Bottom cm ²	V Combo	At Shear cm ² /mm	Torsion Long Combo	
Story1	B205	B0	500	6	8	(Flex) 0.90 + 1Ex + 0.3Ey	11.08	Envelope Flexion	Story1	B4	B	1000	5.8	5.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.93	Envelope Flexion	
Story1	B205	B0	500	6	11.26	(Flex) 0.90 + 1Ex + 0.3Ey	11.26	Envelope Flexion	Story1	B4	B	1000	5.8	5.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.77	Envelope Flexion	
Story1	B205	B0	1000	6	6	(Flex) 0.90 + 1Ex + 0.3Ey	11.44	Envelope Flexion	Story1	B4	B	1375	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	8.9	Envelope Flexion	
Story1	B205	B0	1000	6	12.22	(Flex) 1.20 + 1L + 0.3Ex + Ey	12.22	Envelope Flexion	Story1	B4	B	1750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.04	Envelope Flexion	
Story1	B205	B0	1375	6	6	(Flex) 0.90 + 1Ex + 0.3Ey	12.36	Envelope Flexion	Story1	B4	B	1750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.87	Envelope Flexion	
Story1	B205	B0	1750	6	6	(Flex) 0.90 + 1Ex + 0.3Ey	12.5	Envelope Flexion	Story1	B4	B	2012.5	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.96	Envelope Flexion	
Story1	B205	B0	1750	6	6	(Flex) 0.90 + 1Ex + 0.3Ey	13.32	Envelope Flexion	Story1	B4	B	2275	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	10.06	Envelope Flexion	
Story1	B205	B0	2012.5	6	6	(Flex) 0.90 + 1Ex + 0.3Ey	13.41	Envelope Flexion	Story1	B5	B	0	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	10.33	Envelope Flexion	
Story1	B205	B0	2275	6.9	9.3	Envelope Flexion	13.68	(Flex) 1.40	Story1	B5	B	500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.84	Envelope Flexion	
Story1	B206	B1	225	6.0	8.1	(Flex) 0.90 + 1Ex + 0.3Ey	11.7	(Flex) 1.40	Story1	B5	B	500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.84	Envelope Flexion	
Story1	B206	B1	487.5	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	11.6	(Flex) 1.40	Story1	B5	B	875	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.32	Envelope Flexion	
Story1	B206	B1	750	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	11.5	(Flex) 1.40	Story1	B5	B	875	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.1	Envelope Flexion	
Story1	B206	B1	750	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	10.84	(Flex) 1.40	Story1	B5	B	1250	5.8	5.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.69	Envelope Flexion	
Story1	B206	B1	1125	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	10.7	(Flex) 1.40	Story1	B5	B	1250	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.36	Envelope Flexion	
Story1	B206	B1	1500	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	10.56	(Flex) 1.40	Story1	B5	B	1625	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.37	Envelope Flexion	
Story1	B206	B1	1500	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	9.88	(Flex) 1.40	Story1	B5	B	2000	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.56	Envelope Flexion	
Story1	B206	B1	1875	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	9.74	(Flex) 1.40	Story1	B5	B	2000	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.56	Envelope Flexion	
Story1	B206	B1	2250	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	9.51	(Flex) 1.40	Story1	B5	B	2500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.11	Envelope Flexion	
Story1	B206	B1	2500	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	8.95	(Flex) 1.40	Story1	B6	B	2500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.11	Envelope Flexion	
Story1	B206	B1	2500	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	8.86	Envelope Flexion	Story1	B6	B	0	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.34	Envelope Flexion	
Story1	B1	1	225	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.86	Envelope Flexion	Story1	B6	B	250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.34	Envelope Flexion	
Story1	B1	1	487.5	4.2	4.2	(Flex) 0.90 + 1Ex + 0.3Ey	10.3	(Flex) 1.20 + 1L + 0.3Ex + Ey	Story1	B6	B	250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.43	Envelope Flexion	
Story1	B1	1	750	4.2	4.2	(Flex) 0.90 + 1Ex + 0.3Ey	10.2	(Flex) 1.20 + 1L + 0.3Ex + Ey	Story1	B6	B	625	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.21	Envelope Flexion	
Story1	B1	1	750	4.2	4.2	(Flex) 0.90 + 1Ex + 0.3Ey	10.1	(Flex) 1.20 + 1L + 0.3Ex + Ey	Story1	B6	B	74	1000	5.5	5.5	(Flex) 0.90 + 1Ex + 0.3Ey	7.34	Envelope Flexion
Story1	B1	1	1125	4.2	4.2	(Flex) 0.90 + 1Ex + 0.3Ey	9.28	(Flex) 0.90 + 1Ex + 0.3Ey	Story1	B6	B	74	1000	5.5	5.5	(Flex) 0.90 + 1Ex + 0.3Ey	7.40	Envelope Flexion
Story1	B1	1	1500	5.5	5.5	(Flex) 0.90 + 1Ex + 0.3Ey	9.14	(Flex) 0.90 + 1Ex + 0.3Ey	Story1	B6	B	74	1375	3.8	3.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.26	Envelope Flexion
Story1	B1	1	1500	5.5	5.5	(Flex) 0.90 + 1Ex + 0.3Ey	9	(Flex) 0.90 + 1Ex + 0.3Ey	Story1	B6	B	74	1375	3.8	3.8	(Flex) 0.90 + 1Ex + 0.3Ey	9.4	Envelope Flexion
Story1	B1	1	1875	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.17	Envelope Flexion	Story1	B6	B	74	1750	3.8	3.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.33	Envelope Flexion
Story1	B1	1	1875	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.03	Envelope Flexion	Story1	B6	B	74	1750	3.8	3.8	(Flex) 0.90 + 1Ex + 0.3Ey	9.31	Envelope Flexion
Story1	B1	1	2250	6.9	7.1	(Flex) 0.90 + 1Ex + 0.3Ey	7.9	Envelope Flexion	Story1	B6	B	74	2012.5	3.8	3.8	(Flex) 0.90 + 1Ex + 0.3Ey	9.4	Envelope Flexion
Story1	B1	1	2250	6.9	7.1	(Flex) 0.90 + 1Ex + 0.3Ey	7.9	Envelope Flexion	Story1	B6	B	74	2275	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.4	Envelope Flexion
Story1	B1	1	2250	6.9	7.1	(Flex) 0.90 + 1Ex + 0.3Ey	7.9	Envelope Flexion	Story1	B6	B	74	2275	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.4	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	225	5.5	5.5	(Flex) 0.90 + 1Ex + 0.3Ey	9.5	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	487.5	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.65	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	487.5	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.65	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.56	Envelope Flexion
Story1	B1	1	2600	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.97	Envelope Flexion	Story1	B7	B	75	750	4				

Story	Label	Unique Name	Station mm	As min Bottom cm ²	As max Bottom cm ²	V Combo	At Shear cm ² /m	Torsion Long Combo
Story1	B9	79	1500	5	5	(Flex) 0.90 + 1Ex + 0.3Ey	7.64	Envelope Flexion
Story1	B9	79	1875	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.51	Envelope Flexion
Story1	B9	79	2250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.37	Envelope Flexion
Story1	B9	79	2550	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.59	Envelope Flexion
Story1	B9	79	2550	6.9	7.1	(Flex) 0.90 + 1Ex + 0.3Ey	6.5	Envelope Flexion
Story1	B10	82	0	0	0	(Flex) 0.90 + 1Ex + 0.3Ey	6.37	Envelope Flexion
Story1	B10	82	500	6.8	11.1	(Flex) 0.90 + 1Ex + 0.3Ey	8.08	Envelope Flexion
Story1	B10	82	500	6.8	11.1	(Flex) 0.90 + 1Ex + 0.3Ey	8.55	Envelope Flexion
Story1	B10	82	875	6.8	11.4	(Flex) 0.90 + 1Ex + 0.3Ey	8.33	Envelope Flexion
Story1	B10	82	1250	6.8	11.6	(Flex) 0.90 + 1Ex + 0.3Ey	6.33	Envelope Flexion
Story1	B10	82	1250	6.8	11.6	(Flex) 0.90 + 1Ex + 0.3Ey	7.86	Envelope Flexion
Story1	B10	82	1625	6.8	10.5	(Flex) 0.90 + 1Ex + 0.3Ey	8.07	Envelope Flexion
Story1	B10	82	2000	6.8	9.3	(Flex) 0.90 + 1Ex + 0.3Ey	8.29	Envelope Flexion
Story1	B10	82	2000	6.8	9.3	(Flex) 0.90 + 1Ex + 0.3Ey	8.92	Envelope Flexion
Story1	B10	82	2500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	10.11	Envelope Flexion
Story1	B11	83	0	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	10.07	Envelope Flexion
Story1	B11	83	500	6.8	7.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.77	Envelope Flexion
Story1	B11	83	500	6.8	7.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.25	Envelope Flexion
Story1	B11	83	875	6.8	9.3	(Flex) 0.90 + 1Ex + 0.3Ey	8.03	Envelope Flexion
Story1	B11	83	1250	6.8	10.7	(Flex) 0.90 + 1Ex + 0.3Ey	7.81	Envelope Flexion
Story1	B11	83	1250	6.8	10.7	(Flex) 0.90 + 1Ex + 0.3Ey	6.28	Envelope Flexion
Story1	B11	83	1625	6.8	10.7	(Flex) 0.90 + 1Ex + 0.3Ey	6.3	Envelope Flexion
Story1	B11	83	2000	6.8	10.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.51	Envelope Flexion
Story1	B11	83	2000	6.8	10.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.34	Envelope Flexion
Story1	B11	83	2500	6.8	9.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.34	Envelope Flexion
Story1	B179	84	0	6.8	7.1	(Flex) 0.90 + 1Ex + 0.3Ey	9.23	Envelope Flexion
Story1	B179	84	250	6.8	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.35	Envelope Flexion
Story1	B179	84	250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.13	Envelope Flexion
Story1	B179	84	625	6.8	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.27	Envelope Flexion
Story1	B179	84	1000	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	7.41	Envelope Flexion
Story1	B179	84	1000	5.3	5.3	(Flex) 0.90 + 1Ex + 0.3Ey	8.19	Envelope Flexion
Story1	B179	84	1375	3.7	2.7	(Flex) 0.90 + 1Ex + 0.3Ey	8.32	Envelope Flexion
Story1	B179	84	1750	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	8.46	Envelope Flexion
Story1	B179	84	1750	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	9.24	(Flex) 1.20 - 1L + 0.3Ex - Ey
Story1	B179	84	2012.5	6.8	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.23	(Flex) 1.20 - 1L + 0.3Ex - Ey
Story1	B179	84	2275	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.43	(Flex) 1.20 - 1L + 0.3Ex - Ey
Story1	B180	152	226	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.59	(Flex) 1.20 - 1L + 0.3Ex - Ey
Story1	B180	152	487.5	3.9	3.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.48	(Flex) 1.20 - 1L + 0.3Ex - Ey
Story1	B180	152	750	3.9	3.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.39	(Flex) 1.20 - 1L + 0.3Ex - Ey
Story1	B180	152	750	-3.8	2.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.61	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B180	152	1125	3.9	3.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.47	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B180	152	1500	4.9	4.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.34	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B180	152	1500	4.9	4.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.58	Envelope Flexion
Story1	B180	152	1875	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.42	Envelope Flexion
Story1	B180	152	2250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.28	Envelope Flexion
Story1	B180	152	2250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.5	Envelope Flexion
Story1	B180	152	2500	6.9	7	(Flex) 0.90 + 1Ex + 0.3Ey	8.41	Envelope Flexion
Story1	B181	153	0	6.8	9.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.31	Envelope Flexion
Story1	B181	153	500	6.8	11.2	(Flex) 0.90 + 1Ex + 0.3Ey	8.02	Envelope Flexion
Story1	B181	153	500	6.8	11.2	(Flex) 0.90 + 1Ex + 0.3Ey	6.49	Envelope Flexion
Story1	B181	153	875	6.8	11.5	(Flex) 0.90 + 1Ex + 0.3Ey	6.27	Envelope Flexion
Story1	B181	153	1250	6.8	11.7	(Flex) 0.90 + 1Ex + 0.3Ey	6.27	Envelope Flexion
Story1	B181	153	1250	6.8	11.7	(Flex) 0.90 + 1Ex + 0.3Ey	7.8	Envelope Flexion
Story1	B181	153	1625	6.8	10.6	(Flex) 0.90 + 1Ex + 0.3Ey	8.31	Envelope Flexion
Story1	B181	153	2000	-6.8	9.3	(Flex) 0.90 + 1Ex + 0.3Ey	8.23	Envelope Flexion

Story	Label	Unique Name	Station mm	As min Bottom cm ²	As max Bottom cm ²	V Combo	At Shear cm ² /m	Torsion Long Combo
Story1	B181	153	2000	9.3	9.3	(Flex) 0.90 + 1Ex + 0.3Ey	9.78	Envelope Flexion
Story1	B181	153	2500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	10.05	Envelope Flexion
Story1	B182	210	0	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	10.09	Envelope Flexion
Story1	B182	210	500	6.8	8	(Flex) 0.90 + 1Ex + 0.3Ey	9.8	Envelope Flexion
Story1	B182	210	500	6.3	8	(Flex) 0.90 + 1Ex + 0.3Ey	9.25	Envelope Flexion
Story1	B182	210	875	9.5	9.5	(Flex) 0.90 + 1Ex + 0.3Ey	9.03	Envelope Flexion
Story1	B182	210	1250	6.8	10.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.82	Envelope Flexion
Story1	B182	210	1250	6.8	10.8	(Flex) 0.90 + 1Ex + 0.3Ey	8.26	Envelope Flexion
Story1	B182	210	1625	6.8	10.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.28	Envelope Flexion
Story1	B182	210	2000	6.8	10.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.49	Envelope Flexion
Story1	B182	210	2000	6.8	10.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.05	Envelope Flexion
Story1	B182	210	2500	6.8	9.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.35	Envelope Flexion
Story1	B183	211	0	6.9	7	(Flex) 0.90 + 1Ex + 0.3Ey	8.35	Envelope Flexion
Story1	B183	211	250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.34	Envelope Flexion
Story1	B183	211	250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.14	Envelope Flexion
Story1	B183	211	625	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.28	Envelope Flexion
Story1	B183	211	1000	5.2	5.2	(Flex) 0.90 + 1Ex + 0.3Ey	7.41	Envelope Flexion
Story1	B183	211	1000	5.2	5.2	(Flex) 0.90 + 1Ex + 0.3Ey	9.21	Envelope Flexion
Story1	B183	211	1375	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	9.35	Envelope Flexion
Story1	B183	211	1750	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	9.48	(Flex) 1.20 + 1L + 0.3Ex - Ey
Story1	B183	211	1750	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	9.29	(Flex) 1.20 + 1L + 0.3Ex - Ey
Story1	B183	211	2012.5	3.7	3.7	(Flex) 0.90 + 1Ex + 0.3Ey	9.38	(Flex) 1.20 + 1L + 0.3Ex - Ey
Story1	B183	211	2275	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	10.09	(Flex) 1.20 + 1L + 0.3Ex - Ey
Story1	B184	214	225	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	9.99	(Flex) 1.20 + 1L + 0.3Ex - Ey
Story1	B184	214	487.5	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.89	(Flex) 1.20 + 1L + 0.3Ex - Ey
Story1	B184	214	750	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	9.07	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B184	214	1125	4	4	(Flex) 0.90 + 1Ex + 0.3Ey	8.83	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B184	214	1500	4.5	4.5	(Flex) 0.90 + 1Ex + 0.3Ey	8.79	(Flex) 0.90 + 1Ex + 0.3Ey
Story1	B184	214	1500	4.5	4.5	(Flex) 0.90 + 1Ex + 0.3Ey	7.96	Envelope Flexion
Story1	B184	214	1875	6.7	6.7	(Flex) 0.90 + 1Ex + 0.3Ey	7.82	Envelope Flexion
Story1	B184	214	2250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	7.69	Envelope Flexion
Story1	B184	214	2250	6.9	6.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.85	Envelope Flexion
Story1	B184	214	2500	6.9	7.1	(Flex) 0.90 + 1Ex + 0.3Ey	6.76	Envelope Flexion
Story1	B185	215	0	6.8	10.1	(Flex) 0.90 + 1Ex + 0.3Ey	8.66	Envelope Flexion
Story1	B185	215	500	8.8	11.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.36	Envelope Flexion
Story1	B185	215	500	8.8	11.9	(Flex) 0.90 + 1Ex + 0.3Ey	8.74	Envelope Flexion
Story1	B185	215	875	8.8	12.3	(Flex) 0.90 + 1Ex + 0.3Ey	8.52	Envelope Flexion
Story1	B185	215	1250	8.8	12.7	(Flex) 0.90 + 1Ex + 0.3Ey	8.31	Envelope Flexion
Story1	B185	215	1250	8.8	12.7	(Flex) 0.90 + 1Ex + 0.3Ey	7.84	Envelope Flexion
Story1	B185	215	1625	8.8	11.6	(Flex) 0.90 + 1Ex + 0.3Ey	8.05	Envelope Flexion
Story1	B185	215	2000	8.8	10.4	(Flex) 0.90 + 1Ex + 0.3Ey	8.27	Envelope Flexion
Story1	B185	215	2000	8.8	10.4	(Flex) 0.90 + 1Ex + 0.3Ey	9.9	Envelope Flexion
Story1	B185	215	2500	6.8	7.1	(Flex) 0.90 + 1Ex + 0.3Ey	10.2	Envelope Flexion
Story1	B186	218	0	5.1	5.1	(Flex) 0.90 + 1Ex + 0.3Ey	8.22	(Flex) 1.40
Story1	B186	218	500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	7.92	Envelope Flexion
Story1	B186	218	500	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.71	Envelope Flexion
Story1	B186	218	875	6.8	6.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.49	Envelope Flexion
Story1	B186	218	1250	6.8	7.9	(Flex) 0.90 + 1Ex + 0.3Ey	6.28	Envelope Flexion
Story1	B186	218	1250	6.8	7.9	Envelope Flexion	5.97	Envelope Flexion
Story1	B186	218	1625	6.8	8	Envelope Flexion	5.87	Envelope Flexion
Story1	B186	218	2000	6.8	8.2	Envelope Flexion	5.87	Envelope Flexion
Story1	B186	218	2000	6.8	8.3	(Flex) 0.90 + 1Ex + 0.3Ey	6.3	Envelope Flexion
Story1	B186	218	2500	6.8	7.8	(Flex) 0.90 + 1Ex + 0.3Ey	6.59	Envelope Flexion
Story1	B187	219	0	6.9	8.9	(Flex) 0.90 + 1Ex + 0.3Ey	5.04	Envelope Flexion

Story	Label	Unique Name	Station run	AI Torison, cm ³	Torsion Tran Combo	AI Torison, cm ³ /m	Warnings
Story2	B75	252	3030	0	Envelope Flexion	0	No Message
Story2	B75	252	3510	0	Envelope Flexion	0	No Message
Story2	B75	252	3950	0	Envelope Flexion	0	No Message
Story2	B75	252	4470	0	Envelope Flexion	0	No Message
Story2	B75	252	4950	0	Envelope Flexion	0	No Message
Story2	B75	252	5430	0	Envelope Flexion	0	No Message
Story2	B75	252	5910	0	Envelope Flexion	0	No Message
Story2	B75	252	6390	0	Envelope Flexion	0	No Message
Story2	B75	252	6870	0	Envelope Flexion	0	No Message
Story2	B75	252	7350	0	Envelope Flexion	0	No Message
Story2	B76	253	150	0	Envelope Flexion	0	No Message
Story2	B76	253	630	0	Envelope Flexion	0	No Message
Story2	B76	253	-110	0	Envelope Flexion	0	No Message
Story2	B76	253	-580	0	Envelope Flexion	0	No Message
Story2	B76	253	2070	0	Envelope Flexion	0	No Message
Story2	B76	253	2550	0	Envelope Flexion	0	No Message
Story2	B76	253	3030	0	Envelope Flexion	0	No Message
Story2	B76	253	3510	0	Envelope Flexion	0	No Message
Story2	B76	253	3990	0	Envelope Flexion	0	No Message
Story2	B76	253	4470	0	Envelope Flexion	0	No Message
Story2	B76	253	4950	0	Envelope Flexion	0	No Message
Story2	B76	253	5430	0	Envelope Flexion	0	No Message
Story2	B76	253	5910	0	Envelope Flexion	0	No Message
Story2	B76	253	6390	0	Envelope Flexion	0	No Message
Story2	B76	253	6870	0	Envelope Flexion	0	No Message
Story2	B76	253	7350	0	Envelope Flexion	0	No Message
Story2	B76	253	7830	0	Envelope Flexion	0	No Message
Story2	B77	254	150	2.7	Envelope Flexion	2.61	No Message
Story2	B77	254	450	2.7	Envelope Flexion	2.61	No Message
Story2	B77	254	750	2.7	Envelope Flexion	2.61	No Message
Story2	B78	255	0	2.7	Envelope Flexion	2.58	No Message
Story2	B78	255	300	2.7	Envelope Flexion	2.59	No Message
Story2	B78	255	600	2.7	Envelope Flexion	2.58	No Message
Story2	B79	256	150	0	Envelope Flexion	0	No Message
Story2	B79	256	630	0	Envelope Flexion	0	No Message
Story2	B79	256	1110	0	Envelope Flexion	0	No Message
Story2	B79	256	1590	0	Envelope Flexion	0	No Message
Story2	B79	256	2070	0	Envelope Flexion	0	No Message
Story2	B79	256	2550	0	Envelope Flexion	0	No Message
Story2	B79	256	3030	0	Envelope Flexion	0	No Message
Story2	B79	256	3510	0	Envelope Flexion	0	No Message
Story2	B79	256	3990	0	Envelope Flexion	0	No Message
Story2	B79	256	4470	0	Envelope Flexion	0	No Message
Story2	B79	255	4950	0	Envelope Flexion	0	No Message
Story2	B79	255	5430	0	Envelope Flexion	0	No Message
Story2	B79	255	5910	0	Envelope Flexion	0	No Message
Story2	B79	255	6390	0	Envelope Flexion	0	No Message
Story2	B79	255	6870	0	Envelope Flexion	0	No Message
Story2	B79	255	7350	0	Envelope Flexion	0	No Message
Story2	B80	257	150	0	Envelope Flexion	0	No Message
Story2	B80	257	630	0	Envelope Flexion	0	No Message
Story2	B80	257	1110	0	Envelope Flexion	0	No Message
Story2	B80	257	1590	0	Envelope Flexion	0	No Message
Story2	B80	257	2070	0	Envelope Flexion	0	No Message
Story2	B80	257	2550	0	Envelope Flexion	0	No Message
Story2	B80	257	3030	0	Envelope Flexion	0	No Message

Label	Unique Name	Station ID	AI Torsion cm ³	Torsion Trans Combo	AI Torsion cm ³	Warnings
B80	B80_257	3510	0	Evolute Flexion	0	No Message
B80	B80_257	3990	0	Evolute Flexion	0	No Message
B80	B80_257	4470	0	Evolute Flexion	0	No Message
B80	B80_257	4950	0	Evolute Flexion	0	No Message
B80	B80_257	5430	0	Evolute Flexion	0	No Message
B80	B80_257	5910	0	Evolute Flexion	0	No Message
B80	B80_257	6390	0	Evolute Flexion	0	No Message
B80	B80_257	6870	0	Evolute Flexion	0	No Message
B80	B80_257	7350	0	Evolute Flexion	0	No Message
B81	B81_259	150	2.3	Evolute Flexion	2.32	No Message
B81	B81_259	450	2.9	Evolute Flexion	2.32	No Message
B81	B81_259	750	2.9	Evolute Flexion	2.32	No Message
B82	B82_258	0	2.7	Evolute Flexion	2.57	No Message
B82	B82_259	300	2.7	Evolute Flexion	2.57	No Message
B83	B83_260	150	0	Evolute Flexion	0	No Message
B83	B83_260	630	0	Evolute Flexion	0	No Message
B83	B83_260	1110	0	Evolute Flexion	0	No Message
B83	B83_260	1590	0	Evolute Flexion	0	No Message
B83	B83_260	2070	0	Evolute Flexion	0	No Message
B83	B83_260	2550	0	Evolute Flexion	0	No Message
B83	B83_260	3030	0	Evolute Flexion	0	No Message
B83	B83_260	3510	0	Evolute Flexion	0	No Message
B83	B83_260	3990	0	Evolute Flexion	0	No Message
B83	B83_260	4470	0	Evolute Flexion	0	No Message
B83	B83_260	4950	0	Evolute Flexion	0	No Message
B83	B83_260	5430	0	Evolute Flexion	0	No Message
B83	B83_260	5910	0	Evolute Flexion	0	No Message
B83	B83_260	6390	0	Evolute Flexion	0	No Message
B83	B83_260	6870	0	Evolute Flexion	0	No Message
B83	B83_260	7350	0	Evolute Flexion	0	No Message
B84	B84_261	150	0	Evolute Flexion	0	No Message
B84	B84_261	630	0	Evolute Flexion	0	No Message
B84	B84_261	1110	0	Evolute Flexion	0	No Message
B84	B84_261	1590	0	Evolute Flexion	0	No Message
B84	B84_261	2070	0	Evolute Flexion	0	No Message
B84	B84_261	2550	0	Evolute Flexion	0	No Message
B84	B84_261	3030	0	Evolute Flexion	0	No Message
B84	B84_261	3510	0	Evolute Flexion	0	No Message
B84	B84_261	3990	0	Evolute Flexion	0	No Message
B84	B84_261	4470	0	Evolute Flexion	0	No Message
B84	B84_261	4950	0	Evolute Flexion	0	No Message
B84	B84_261	5430	0	Evolute Flexion	0	No Message
B84	B84_261	5910	0	Evolute Flexion	0	No Message
B84	B84_261	6390	0	Evolute Flexion	0	No Message
B84	B84_261	6870	0	Evolute Flexion	0	No Message
B84	B84_261	7350	0	Evolute Flexion	0	No Message
B85	B85_262	150	2.3	Evolute Flexion	2.36	No Message
B85	B85_262	450	2.9	Evolute Flexion	2.36	No Message
B85	B85_262	750	2.9	Evolute Flexion	2.36	No Message
B86	B86_263	0	2.7	Evolute Flexion	2.59	No Message
B86	B86_263	300	2.7	Evolute Flexion	2.59	No Message
B87	B87_264	150	0	Evolute Flexion	0	No Message
B87	B87_264	630	0	Evolute Flexion	0	No Message

Label	Unique Name	Station num	AI Torsion cm ²	Torsion Tran Combo	AI Torsion cm ² /m	Warnings
Y1	B102	170	4530	0	0	No Message
Y1	B102	170	5000	0	0	No Message
Y1	B102	170	5500	0	0	No Message
Y1	B102	170	6000	0	0	No Message
Y1	B103	171	0	0	0	No Message
Y1	B103	171	500	0	0	No Message
Y1	B103	171	1000	0	0	No Message
Y1	B103	171	1500	0	0	No Message
Y1	B103	171	2000	0	0	No Message
Y1	B103	171	2500	0	0	No Message
Y1	B103	171	3000	0	0	No Message
Y1	B103	171	3500	0	0	No Message
Y1	B103	171	4000	0	0	No Message
Y1	B103	171	4300	0	0	No Message
Y1	B103	171	5000	0	0	No Message
Y1	B103	171	5500	0	0	No Message
Y1	B103	171	6000	0	0	No Message
Y1	B104	172	0	0	0	No Message
Y1	B104	172	500	0	0	No Message
Y1	B104	172	1000	0	0	No Message
Y1	B104	172	1500	0	0	No Message
Y1	B104	172	2000	0	0	No Message
Y1	B104	172	2500	0	0	No Message
Y1	B104	172	3000	0	0	No Message
Y1	B104	172	3500	0	0	No Message
Y1	B104	172	4000	0	0	No Message
Y1	B104	172	4500	0	0	No Message
Y1	B104	172	5000	0	0	No Message
Y1	B104	172	5500	0	0	No Message
Y1	B104	172	6000	0	0	No Message
Y1	B105	173	0	0	0	No Message
Y1	B105	173	500	0	0	No Message
Y1	B105	173	1000	0	0	No Message
Y1	B105	173	1500	0	0	No Message
Y1	B105	173	2000	0	0	No Message
Y1	B105	173	2500	0	0	No Message
Y1	B105	173	3000	0	0	No Message
Y1	B105	173	3500	0	0	No Message
Y1	B105	173	4000	0	0	No Message
Y1	B105	173	4500	0	0	No Message
Y1	B105	173	5000	0	0	No Message
Y1	B105	173	5500	0	0	No Message
Y1	B105	173	6000	0	0	No Message
Y1	B106	174	0	0	0	No Message
Y1	B106	174	500	0	0	No Message
Y1	B106	174	1000	0	0	No Message
Y1	B106	174	1500	0	0	No Message
Y1	B106	174	2000	0	0	No Message
Y1	B106	174	2500	0	0	No Message
Y1	B106	174	3000	0	0	No Message
Y1	B106	174	3500	0	0	No Message
Y1	B106	174	4000	0	0	No Message
Y1	B106	174	4300	0	0	No Message
Y1	B106	174	5000	0	0	No Message
Y1	B106	174	5500	0	0	No Message
Y1	B106	174	6000	0	0	No Message
Y1	B107	175	0	0	0	No Message
Y1	B107	175	500	0	0	No Message
Y1	B107	175	1000	0	0	No Message
Y1	B107	175	1500	0	0	No Message
Y1	B107	175	2000	0	0	No Message
Y1	B107	175	2500	0	0	No Message
Y1	B107	175	3000	0	0	No Message
Y1	B107	175	3500	0	0	No Message
Y1	B107	175	4000	0	0	No Message
Y1	B107	175	4300	0	0	No Message
Y1	B107	175	5000	0	0	No Message
Y1	B107	175	5500	0	0	No Message
Y1	B107	175	6000	0	0	No Message

Unique Name	Station num	Al Torsion cm	Torsion Test Combo	At Torsion cm/in	Warnings
174	6000	0	Envelope Flexion	0	No Message
175	0	0	Envelope Flexion	0	No Message
175	500	0	Envelope Flexion	0	No Message
175	1000	0	Envelope Flexion	0	No Message
175	1500	0	Envelope Flexion	0	No Message
175	2000	0	Envelope Flexion	0	No Message
175	2500	0	Envelope Flexion	0	No Message
175	3000	0	Envelope Flexion	0	No Message
175	3500	0	Envelope Flexion	0	No Message
175	4000	0	Envelope Flexion	0	No Message
175	4500	0	Envelope Flexion	0	No Message
175	5000	0	Envelope Flexion	0	No Message
175	5500	0	Envelope Flexion	0	No Message
175	6000	0	Envelope Flexion	0	No Message
176	0	0	Envelope Flexion	0	No Message
176	500	0	Envelope Flexion	0	No Message
176	1000	0	Envelope Flexion	0	No Message
176	1500	0	Envelope Flexion	0	No Message
176	2000	0	Envelope Flexion	0	No Message
176	2500	0	Envelope Flexion	0	No Message
176	3000	0	Envelope Flexion	0	No Message
176	3500	0	Envelope Flexion	0	No Message
176	4000	0	Envelope Flexion	0	No Message
176	4500	0	Envelope Flexion	0	No Message
176	5000	0	Envelope Flexion	0	No Message
176	5500	0	Envelope Flexion	0	No Message
176	6000	0	Envelope Flexion	0	No Message
177	0	0	Envelope Flexion	0	No Message
177	500	0	Envelope Flexion	0	No Message
177	1000	0	Envelope Flexion	0	No Message
177	1500	0	Envelope Flexion	0	No Message
177	2000	0	Envelope Flexion	0	No Message
177	2500	0	Envelope Flexion	0	No Message
177	3000	0	Envelope Flexion	0	No Message
177	3500	0	Envelope Flexion	0	No Message
177	4000	0	Envelope Flexion	0	No Message
177	4500	0	Envelope Flexion	0	No Message
177	5000	0	Envelope Flexion	0	No Message
177	5500	0	Envelope Flexion	0	No Message
177	6000	0	Envelope Flexion	0	No Message
178	0	0	Envelope Flexion	0	No Message
178	500	0	Envelope Flexion	0	No Message
178	1000	0	Envelope Flexion	0	No Message
178	1500	0	Envelope Flexion	0	No Message
178	2000	0	Envelope Flexion	0	No Message
178	2500	0	Envelope Flexion	0	No Message
178	3000	0	Envelope Flexion	0	No Message
178	3500	0	Envelope Flexion	0	No Message
178	4000	0	Envelope Flexion	0	No Message
178	4500	0	Envelope Flexion	0	No Message
178	5000	0	Envelope Flexion	0	No Message
178	5500	0	Envelope Flexion	0	No Message
178	6000	0	Envelope Flexion	0	No Message
179	0	0	Envelope Flexion	0	No Message
179	500	0	Envelope Flexion	0	No Message

Design Data

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Story	Label	Unique Name	Station mm	At Torsion cm ²	Torsion Tran Combo	At Torsion cm ² /m	Warnings
Story1	B136	204	3500	0	Envelope Flexion	0	No Message
Story1	B136	204	4000	0	Envelope Flexion	0	No Message
Story1	B136	204	4500	0	Envelope Flexion	0	No Message
Story1	B136	204	5000	0	Envelope Flexion	0	No Message
Story1	B136	204	5500	0	Envelope Flexion	0	No Message
Story1	B136	204	6000	0	Envelope Flexion	0	No Message
Story1	B137	205	0	0	Envelope Flexion	0	No Message
Story1	B137	205	500	0	Envelope Flexion	0	No Message
Story1	B137	205	1000	0	Envelope Flexion	0	No Message
Story1	B137	205	1500	0	Envelope Flexion	0	No Message
Story1	B137	205	2000	0	Envelope Flexion	0	No Message
Story1	B137	205	2500	0	Envelope Flexion	0	No Message
Story1	B137	205	3000	0	Envelope Flexion	0	No Message
Story1	B137	205	3500	0	Envelope Flexion	0	No Message
Story1	B137	205	4000	0	Envelope Flexion	0	No Message
Story1	B137	205	4500	0	Envelope Flexion	0	No Message
Story1	B137	205	5000	0	Envelope Flexion	0	No Message
Story1	B137	205	5500	0	Envelope Flexion	0	No Message
Story1	B138	206	0	0	Envelope Flexion	0	No Message
Story1	B138	206	500	0	Envelope Flexion	0	No Message
Story1	B138	206	1000	0	Envelope Flexion	0	No Message
Story1	B138	206	1500	0	Envelope Flexion	0	No Message
Story1	B138	206	2000	0	Envelope Flexion	0	No Message
Story1	B138	206	2500	0	Envelope Flexion	0	No Message
Story1	B138	206	3000	0	Envelope Flexion	0	No Message
Story1	B138	206	3500	0	Envelope Flexion	0	No Message
Story1	B138	206	4000	0	Envelope Flexion	0	No Message
Story1	B138	206	4500	0	Envelope Flexion	0	No Message
Story1	B138	206	5000	0	Envelope Flexion	0	No Message
Story1	B138	206	5500	0	Envelope Flexion	0	No Message
Story1	B138	206	6000	0	Envelope Flexion	0	No Message
Story1	B139	207	0	0	Envelope Flexion	0	No Message
Story1	B139	207	500	0	Envelope Flexion	0	No Message
Story1	B139	207	1000	0	Envelope Flexion	0	No Message
Story1	B139	207	1500	0	Envelope Flexion	0	No Message
Story1	B139	207	2000	0	Envelope Flexion	0	No Message
Story1	B139	207	2500	0	Envelope Flexion	0	No Message
Story1	B139	207	3000	0	Envelope Flexion	0	No Message
Story1	B139	207	3500	0	Envelope Flexion	0	No Message
Story1	B139	207	4000	0	Envelope Flexion	0	No Message
Story1	B139	207	4500	0	Envelope Flexion	0	No Message
Story1	B139	207	5000	0	Envelope Flexion	0	No Message
Story1	B139	207	5500	0	Envelope Flexion	0	No Message
Story1	B139	207	6000	0	Envelope Flexion	0	No Message
Story1	B140	208	0	0	Envelope Flexion	0	No Message
Story1	B140	208	500	0	Envelope Flexion	0	No Message
Story1	B140	208	1000	0	Envelope Flexion	0	No Message
Story1	B140	208	1500	0	Envelope Flexion	0	No Message
Story1	B140	208	2000	0	Envelope Flexion	0	No Message
Story1	B140	208	2500	0	Envelope Flexion	0	No Message
Story1	B140	208	3000	0	Envelope Flexion	0	No Message
Story1	B140	208	3500	0	Envelope Flexion	0	No Message
Story1	B140	208	4000	0	Envelope Flexion	0	No Message
Story1	B140	208	4500	0	Envelope Flexion	0	No Message
Story1	B140	208	5000	0	Envelope Flexion	0	No Message
Story1	B140	208	5500	0	Envelope Flexion	0	No Message
Story1	B140	208	6000	0	Envelope Flexion	0	No Message

Story	Label	Unique Name	Station mm	At Torsion cm ²	Torsion Tran Combo	At Torsion cm ² /in	Warnings
Story1	B71	148	7012.5	0	Envelope Flexion	0	No Message
Story1	B71	148	7275	0	Envelope Flexion	0	No Message
Story1	B72	149	225	0	Envelope Flexion	0	No Message
Story1	B72	149	487.5	0	Envelope Flexion	0	No Message
Story1	B72	149	750	0	Envelope Flexion	0	No Message
Story1	B72	149	750	0	Envelope Flexion	0	No Message
Story1	B72	149	750	0	Envelope Flexion	0	No Message
Story1	B72	149	1125	0	Envelope Flexion	0	No Message
Story1	B72	149	1500	0	Envelope Flexion	0	No Message
Story1	B72	149	1875	0	Envelope Flexion	0	No Message
Story1	B72	149	2250	0	Envelope Flexion	0	No Message
Story1	B72	149	2625	0	Envelope Flexion	0	No Message
Story1	B72	149	3000	0	Envelope Flexion	0	No Message
Story1	B72	149	3000	0	Envelope Flexion	0	No Message
Story1	B72	149	3375	0	Envelope Flexion	0	No Message
Story1	B72	149	3750	0	Envelope Flexion	0	No Message
Story1	B72	149	4125	0	Envelope Flexion	0	No Message
Story1	B72	149	4500	0	Envelope Flexion	0	No Message
Story1	B72	149	4875	0	Envelope Flexion	0	No Message
Story1	B72	149	5250	0	Envelope Flexion	0	No Message
Story1	B72	149	5625	0	Envelope Flexion	0	No Message
Story1	B72	149	6000	0	Envelope Flexion	0	No Message
Story1	B72	149	6375	0	Envelope Flexion	0	No Message
Story1	B72	149	6750	0	Envelope Flexion	0	No Message
Story1	B72	149	7125	0	Envelope Flexion	0	No Message
Story1	B72	149	7500	0	Envelope Flexion	0	No Message
Story1	B73	150	225	6.8	Envelope Flexion	3.09	No Message
Story1	B73	150	487.5	6.8	Envelope Flexion	3.09	No Message
Story1	B73	150	750	6.8	Envelope Flexion	3.09	No Message
Story1	B74	151	0	6.8	Envelope Flexion	4.42	No Message
Story1	B74	151	262.5	6.8	Envelope Flexion	4.42	No Message
Story1	B74	151	525	6.8	Envelope Flexion	4.42	No Message
Story1	B74	151	787.5	6.8	Envelope Flexion	4.42	No Message
Story1	B77	154	225	6.8	Envelope Flexion	4.22	No Message
Story1	B77	154	487.5	6.8	Envelope Flexion	4.22	No Message
Story1	B77	154	750	6.8	Envelope Flexion	4.22	No Message
Story1	B77	154	0	6.8	Envelope Flexion	3.74	No Message
Story1	B78	155	262.5	6.8	Envelope Flexion	3.74	No Message
Story1	B78	155	525	6.8	Envelope Flexion	3.74	No Message
Story1	B81	212	225	6.2	Envelope Flexion	3.55	No Message
Story1	B81	212	487.5	6.2	Envelope Flexion	3.55	No Message
Story1	B81	212	750	6.2	Envelope Flexion	3.55	No Message
Story1	B82	213	0	6.8	Envelope Flexion	3.75	No Message
Story1	B82	213	262.5	6.8	Envelope Flexion	3.75	No Message
Story1	B82	213	525	6.8	Envelope Flexion	3.75	No Message
Story1	B85	216	225	6.8	Envelope Flexion	3.63	No Message
Story1	B85	216	487.5	6.8	Envelope Flexion	3.63	No Message
Story1	B85	216	750	6.8	Envelope Flexion	3.63	No Message
Story1	B86	217	0	6.8	Envelope Flexion	3.62	No Message
Story1	B86	217	262.5	6.8	Envelope Flexion	3.62	No Message

Story	Label	Unique Name	Station mm	At Torsion cm ²	Torsion Tran Combo	At Torsion cm ² /in	Warnings
Story1	B86	217	525	6.8	Envelope Flexion	3.62	No Message
Story1	B152	220	225	6.8	Envelope Flexion	3.6	No Message
Story1	B152	220	487.5	6.8	Envelope Flexion	3.6	No Message
Story1	B152	220	750	6.8	Envelope Flexion	3.6	No Message
Story1	B153	221	0	6.8	Envelope Flexion	4.32	No Message
Story1	B153	221	262.5	6.8	Envelope Flexion	4.32	No Message
Story1	B153	221	525	6.8	Envelope Flexion	4.32	No Message
Story1	B156	224	225	6.8	Envelope Flexion	4.78	No Message
Story1	B156	224	487.5	6.8	Envelope Flexion	4.78	No Message
Story1	B156	224	750	6.8	Envelope Flexion	4.78	No Message
Story1	B157	225	225	6.8	Envelope Flexion	5.63	No Message
Story1	B157	225	487.5	6.8	Envelope Flexion	5.63	No Message
Story1	B157	225	750	6.8	Envelope Flexion	5.63	No Message
Story1	B157	225	1125	6.8	Envelope Flexion	3.51	No Message
Story1	B157	225	1500	6.8	Envelope Flexion	3.51	No Message
Story1	B157	225	1875	6.8	Envelope Flexion	2.8	No Message
Story1	B157	225	2250	6.8	Envelope Flexion	2.8	No Message
Story1	B157	225	2625	6.8	Envelope Flexion	2.38	No Message
Story1	B157	225	3000	6.8	Envelope Flexion	2.38	No Message
Story1	B157	225	3375	6.8	Envelope Flexion	1.55	No Message
Story1	B157	225	3750	6.8	Envelope Flexion	1.55	No Message
Story1	B157	225	4125	0	Envelope Flexion	0	No Message
Story1	B157	225	4500	0	Envelope Flexion	0	No Message
Story1	B157	225	4875	0	Envelope Flexion	0	No Message
Story1	B157	225	5250	0	Envelope Flexion	0	No Message
Story1	B157	225	5625	6.8	Envelope Flexion	2.81	No Message
Story1	B157	225	6000	6.8	Envelope Flexion	2.81	No Message
Story1	B157	225	6375	6.8	Envelope Flexion	4.65	No Message
Story1	B157	225	6750	6.8	Envelope Flexion	4.65	No Message
Story1	B157	225	7125	7.2	Envelope Flexion	7.88	No Message
Story1	B157	225	7500	7.2	Envelope Flexion	7.88	No Message
Story1	B158	226	225	6.8	Envelope Flexion	4.11	No Message
Story1	B158	226	487.5	6.8	Envelope Flexion	4.11	No Message
Story1	B158	226	750	6.8	Envelope Flexion	4.11	No Message
Story1	B159	227	0	6.8	Envelope Flexion	3.26	No Message
Story1	B159	227	262.5	6.8	Envelope Flexion	3.26	No Message
Story1	B159	227	525	6.8	Envelope Flexion	3.26	No Message
Story1	B160	228	225	0	Envelope Flexion	0	No Message
Story1	B160	228	487.5	0	Envelope Flexion	0	No Message
Story1	B160	228	750	0	Envelope Flexion	0	No Message
Story1	B160	228	750	0	Envelope Flexion	0	No Message
Story1	B160	228	1125	0	Envelope Flexion	0	No Message
Story1	B160	228	1500	0	Envelope Flexion	0	No Message
Story1	B160	228	1875	0	Envelope Flexion	0	No Message
Story1	B160	228	2250	0	Envelope Flexion	0	No Message

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Story	Label	Unique Name	Station mm	AI Torsion cm ³	Torsion Tran Combo	AI Torsion cm ³ /m	Warnings
Story1	B176	244	4367.5	0	Evolute Flexion	0	No Message
Story1	B176	244	4850	0	Evolute Flexion	0	No Message
Story1	B176	244	5312.5	0	Evolute Flexion	0	No Message
Story1	B176	244	5775	0	Evolute Flexion	0	No Message
Story1	B177	245	225	0	Evolute Flexion	0	No Message
Story1	B177	245	667.5	0	Evolute Flexion	0	No Message
Story1	B177	245	1150	0	Evolute Flexion	0	No Message
Story1	B177	245	1612.5	0	Evolute Flexion	0	No Message
Story1	B177	245	2075	0	Evolute Flexion	0	No Message
Story1	B177	245	2537.5	0	Evolute Flexion	0	No Message
Story1	B177	245	3000	0	Evolute Flexion	0	No Message
Story1	B177	245	3462.5	0	Evolute Flexion	0	No Message
Story1	B177	245	3925	0	Evolute Flexion	0	No Message
Story1	B177	245	4387.5	0	Evolute Flexion	0	No Message
Story1	B177	245	4850	0	Evolute Flexion	0	No Message
Story1	B177	245	5312.5	0	Evolute Flexion	0	No Message
Story1	B177	245	5775	0	Evolute Flexion	0	No Message
Story1	B178	246	225	3.9	Evolute Flexion	1.84	No Message
Story1	B178	246	680	3.9	Evolute Flexion	1.84	No Message
Story1	B178	246	1075	3.9	Evolute Flexion	1.84	No Message
Story1	B178	246	1500	3.9	Evolute Flexion	1.84	No Message
Story1	B178	246	1925	3.9	Evolute Flexion	1.84	No Message
Story1	B178	246	2350	3.9	Evolute Flexion	1.84	No Message
Story1	B178	246	2775	3.9	Evolute Flexion	1.84	No Message
Story1	B189	2	0	0	Evolute Flexion	0	No Message
Story1	B189	2	250	0	Evolute Flexion	0	No Message
Story1	B189	2	250	0	Evolute Flexion	0	No Message
Story1	B189	2	500	0	Evolute Flexion	0	No Message
Story1	B189	2	500	0	Evolute Flexion	0	No Message
Story1	B189	2	1000	0	Evolute Flexion	0	No Message
Story1	B189	2	1000	8.3	Evolute Flexion	1.95	No Message
Story1	B189	2	1375	8.3	Evolute Flexion	1.95	No Message
Story1	B189	2	1750	8.3	Evolute Flexion	1.95	No Message
Story1	B189	2	1750	8.3	Evolute Flexion	1.95	No Message
Story1	B189	2	2125	8.3	Evolute Flexion	3.58	No Message
Story1	B189	2	2275	8.3	Evolute Flexion	3.58	No Message
Story1	B190	3	225	8.3	Evolute Flexion	3.57	No Message
Story1	B190	3	487.5	8.3	Evolute Flexion	3.57	No Message
Story1	B190	3	750	8.3	Evolute Flexion	3.57	No Message
Story1	B190	3	750	8.3	Evolute Flexion	1.99	No Message
Story1	B190	3	1125	8.3	Evolute Flexion	1.98	No Message
Story1	B190	3	1500	8.3	Evolute Flexion	1.99	No Message
Story1	B190	3	1500	0	Evolute Flexion	0	No Message
Story1	B190	3	1875	0	Evolute Flexion	0	No Message
Story1	B190	3	2250	0	Evolute Flexion	0	No Message
Story1	B190	3	2500	0	Evolute Flexion	0	No Message
Story1	B193	6	0	0	Evolute Flexion	0	No Message
Story1	B193	6	250	0	Evolute Flexion	0	No Message
Story1	B193	6	250	0	Evolute Flexion	0	No Message
Story1	B193	6	500	0	Evolute Flexion	0	No Message
Story1	B193	6	1000	0	Evolute Flexion	0	No Message
Story1	B193	6	1000	3.3	Evolute Flexion	1.67	No Message
Story1	B193	6	1375	8.3	Evolute Flexion	1.67	No Message

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Story	Label	Unique Name	Station mm	At Torsion cm ² m	Torsion Tran Combo	Warnings
Story1	B186	218	500	6.8	Envelope Flexion	No Message
Story1	B186	218	875	6.8	Envelope Flexion	No Message
Story1	B186	218	1250	6.8	Envelope Flexion	No Message
Story1	B186	218	1625	0	Envelope Flexion	No Message
Story1	B186	218	2000	0	Envelope Flexion	No Message
Story1	B186	218	2375	6.8	Envelope Flexion	No Message
Story1	B187	219	0	8.3	Envelope Flexion	No Message
Story1	B187	219	250	8.3	Envelope Flexion	No Message
Story1	B187	219	500	8.3	Envelope Flexion	No Message
Story1	B187	219	750	8.3	Envelope Flexion	No Message
Story1	B187	219	1000	8.3	Envelope Flexion	No Message
Story1	B187	219	1250	8.3	Envelope Flexion	No Message
Story1	B187	219	1500	8.3	Envelope Flexion	No Message
Story1	B187	219	1750	8.6	Envelope Flexion	No Message
Story1	B187	219	2000	8.6	Envelope Flexion	No Message
Story1	B187	219	2250	8.6	Envelope Flexion	No Message
Story2	B12	85	150		No Message	No Message
Story2	B12	85	600		No Message	No Message
Story2	B12	85	1050		No Message	No Message
Story2	B12	85	1500		No Message	No Message
Story2	B12	85	1950		No Message	No Message
Story2	B12	85	2400		No Message	No Message
Story2	B13	86	0		No Message	No Message
Story2	B13	86	500		No Message	No Message
Story2	B13	86	1000		No Message	No Message
Story2	B13	86	1500		No Message	No Message
Story2	B13	86	2000		No Message	No Message
Story2	B13	86	2500		No Message	No Message
Story2	B13	86	3000		No Message	No Message
Story2	B13	86	3500		No Message	No Message
Story2	B13	86	4000		No Message	No Message
Story2	B13	86	4500		No Message	No Message
Story2	B13	86	5000		No Message	No Message
Story2	B13	88	5500		No Message	No Message
Story2	B14	87	0		No Message	No Message
Story2	B14	87	500		No Message	No Message
Story2	B14	87	1000		No Message	No Message
Story2	B14	87	1500		No Message	No Message
Story2	B14	87	2000		No Message	No Message
Story2	B14	87	2500		No Message	No Message
Story2	B14	87	3000		No Message	No Message
Story2	B14	87	3500		No Message	No Message
Story2	B14	87	4000		No Message	No Message
Story2	B14	87	4500		No Message	No Message
Story2	B14	87	5000		No Message	No Message

Story	Label	Unique Name	Station mm	Errors
Story2	B14	87	5500	No Message
Story2	B14	87	6000	No Message
Story2	B15	88	0	No Message
Story2	B15	88	500	No Message
Story2	B15	88	1000	No Message
Story2	B15	88	1500	No Message
Story2	B15	88	2000	No Message
Story2	B15	88	2500	No Message
Story2	B15	88	3000	No Message
Story2	B15	88	3500	No Message
Story2	B15	88	4000	No Message
Story2	B15	88	4500	No Message
Story2	B15	88	5000	No Message
Story2	B16	89	0	No Message
Story2	B16	89	500	No Message
Story2	B16	89	1000	No Message
Story2	B16	89	1500	No Message
Story2	B16	89	2000	No Message
Story2	B16	89	2500	No Message
Story2	B16	89	3000	No Message
Story2	B16	89	3500	No Message
Story2	B16	89	4000	No Message
Story2	B16	89	4500	No Message
Story2	B16	89	5000	No Message
Story2	B16	89	5500	No Message
Story2	B17	90	0	No Message
Story2	B17	90	500	No Message
Story2	B17	90	1000	No Message
Story2	B17	90	1500	No Message
Story2	B17	90	2000	No Message
Story2	B17	90	2500	No Message
Story2	B17	90	3000	No Message
Story2	B17	90	3500	No Message
Story2	B17	90	4000	No Message
Story2	B17	90	4500	No Message
Story2	B17	90	5000	No Message
Story2	B17	90	5500	No Message
Story2	B18	91	0	No Message
Story2	B18	91	500	No Message
Story2	B18	91	1000	No Message
Story2	B18	91	1500	No Message
Story2	B18	91	2000	No Message
Story2	B18	91	2500	No Message
Story2	B18	91	3000	No Message
Story2	B18	91	3500	No Message
Story2	B18	91	4000	No Message
Story2	B18	91	4500	No Message
Story2	B18	91	5000	No Message
Story2	B19	92	0	No Message
Story2	B19	92	500	No Message
Story2	B19	92	1000	No Message
Story2	B19	92	1500	No Message
Story2	B19	92	2000	No Message
Story2	B19	92	2500	No Message
Story2	B19	92	3000	No Message
Story2	B19	92	3500	No Message

Label			Station			Errors		
Label	Unique Name	Station min	Label	Unique Name	Station min	Errors		Errors
B19	92	4000	B23	96	6000	No Message		No Message
B19	92	4500	B24	97	0	No Message		No Message
B19	92	5000	B24	97	500	No Message		No Message
B19	92	5500	B24	97	1000	No Message		No Message
B19	92	6000	B24	97	1500	No Message		No Message
B20	93	0	B24	97	2000	No Message		No Message
B20	93	900	B24	97	2500	No Message		No Message
B20	93	1000	B24	97	3000	No Message		No Message
B20	93	1500	B24	97	3500	No Message		No Message
B20	93	2000	B24	97	4000	No Message		No Message
B20	93	2500	B24	97	4500	No Message		No Message
B20	93	3000	B24	97	5000	No Message		No Message
B20	93	3500	B24	97	5500	No Message		No Message
B20	93	4000	B24	97	6000	No Message		No Message
B20	93	4500	B70	247	0	No Message		No Message
B20	93	5000	B70	247	300	No Message		No Message
B20	93	5500	B70	247	600	No Message		No Message
B20	93	6000	B71	248	150	No Message		No Message
B21	94	0	B71	248	630	No Message		No Message
B21	94	500	B71	248	1110	No Message		No Message
B21	94	1000	B71	248	1590	No Message		No Message
B21	94	1500	B71	248	2070	No Message		No Message
B21	94	2000	B71	248	2550	No Message		No Message
B21	94	2500	B71	248	3030	No Message		No Message
B21	94	3000	B71	248	3510	No Message		No Message
B21	94	3500	B71	248	3990	No Message		No Message
B21	94	4000	B71	248	4470	No Message		No Message
B21	94	4500	B71	248	4950	No Message		No Message
B21	94	5000	B71	248	5430	No Message		No Message
B21	94	5500	B71	248	5910	No Message		No Message
B21	94	6000	B71	248	6390	No Message		No Message
B22	95	0	B72	249	6870	No Message		No Message
B22	95	500	B72	249	7350	No Message		No Message
B22	95	1000	B72	249	7830	No Message		No Message
B22	95	1500	B72	249	8310	No Message		No Message
B22	95	2000	B72	249	8790	No Message		No Message
B22	95	2500	B72	249	9270	No Message		No Message
B22	95	3000	B72	249	9750	No Message		No Message
B22	95	3500	B72	249	10230	No Message		No Message
B22	95	4000	B72	249	10710	No Message		No Message
B22	95	4500	B72	249	11190	No Message		No Message
B22	95	5000	B72	249	11670	No Message		No Message
B22	95	5500	B72	249	12150	No Message		No Message
B22	95	6000	B72	249	12630	No Message		No Message
B23	96	0	B72	249	13110	No Message		No Message
B23	96	500	B72	249	13590	No Message		No Message
B23	96	1000	B72	249	14070	No Message		No Message
B23	96	1500	B72	249	14550	No Message		No Message
B23	96	2000	B72	249	15030	No Message		No Message
B23	96	2500	B72	249	15510	No Message		No Message
B23	96	3000	B72	249	15990	No Message		No Message
B23	96	3500	B72	249	16470	No Message		No Message
B23	96	4000	B72	249	16950	No Message		No Message
B23	96	4500	B72	249	17430	No Message		No Message
B23	96	5000	B72	249	17910	No Message		No Message
B23	96	5500	B72	249	18390	No Message		No Message
B23	96	6000	B72	249	18870	No Message		No Message
B23	96	6500	B72	249	19350	No Message		No Message
B23	96	7000	B72	249	19830	No Message		No Message

Story	Label	Unique Name	Station mm	Errors
Story2	B86	263	600	No Message
Story2	B87	264	150	No Message
Story2	B87	264	630	No Message
Story2	B87	264	1110	No Message
Story2	B87	264	1590	No Message
Story2	B87	264	2070	No Message
Story2	B87	264	2550	No Message
Story2	B87	264	3030	No Message
Story2	B87	264	3510	No Message
Story2	B87	264	3990	No Message
Story2	B87	264	4470	No Message
Story2	B87	264	4950	No Message
Story2	B87	264	5430	No Message
Story2	B87	264	5910	No Message
Story2	B87	264	6390	No Message
Story2	B87	264	6870	No Message
Story2	B87	264	7350	No Message
Story2	B151	265	150	No Message
Story2	B151	265	630	No Message
Story2	B151	265	1110	No Message
Story2	B151	265	1590	No Message
Story2	B151	265	2070	No Message
Story2	B151	265	2550	No Message
Story2	B151	265	3030	No Message
Story2	B151	265	3510	No Message
Story2	B151	265	3990	No Message
Story2	B151	265	4470	No Message
Story2	B151	265	4950	No Message
Story2	B151	265	5430	No Message
Story2	B151	265	5910	No Message
Story2	B151	265	6390	No Message
Story2	B151	265	6870	No Message
Story2	B151	265	7350	No Message
Story2	B152	266	450	No Message
Story2	B152	266	750	No Message
Story2	B153	267	0	No Message
Story2	B153	267	300	No Message
Story2	B153	267	600	No Message
Story2	B154	268	1110	No Message
Story2	B154	268	1590	No Message
Story2	B154	268	2070	No Message
Story2	B154	268	2550	No Message
Story2	B154	268	3030	No Message
Story2	B154	268	3510	No Message
Story2	B154	268	3990	No Message
Story2	B154	268	4470	No Message
Story2	B154	268	4950	No Message
Story2	B154	268	5430	No Message
Story2	B154	268	5910	No Message
Story2	B154	268	6390	No Message
Story2	B154	268	6870	No Message
Story2	B154	268	7350	No Message
Story2	B155	269	150	No Message

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Story	Label	Unique Name	Station mm	Errors
Story2	B170	284	625	No Message
Story2	B170	284	1100	No Message
Story2	B170	284	1575	No Message
Story2	B170	284	2050	No Message
Story2	B170	284	2525	No Message
Story2	B170	284	3000	No Message
Story2	B170	284	3475	No Message
Story2	B170	284	3950	No Message
Story2	B170	284	4425	No Message
Story2	B170	284	4900	No Message
Story2	B170	284	5375	No Message
Story2	B170	284	5850	No Message
Story2	B171	285	150	No Message
Story2	B171	285	625	No Message
Story2	B171	285	1100	No Message
Story2	B171	285	1575	No Message
Story2	B171	285	2050	No Message
Story2	B171	285	2525	No Message
Story2	B171	285	3000	No Message
Story2	B171	285	3475	No Message
Story2	B171	285	3950	No Message
Story2	B171	285	4425	No Message
Story2	B171	285	4900	No Message
Story2	B171	285	5375	No Message
Story2	B171	285	5850	No Message
Story2	B172	286	150	No Message
Story2	B172	286	625	No Message
Story2	B172	286	1100	No Message
Story2	B172	286	1575	No Message
Story2	B172	286	2050	No Message
Story2	B172	286	2525	No Message
Story2	B172	286	3000	No Message
Story2	B172	286	3475	No Message
Story2	B172	286	3950	No Message
Story2	B172	286	4425	No Message
Story2	B172	286	4900	No Message
Story2	B172	286	5375	No Message
Story2	B172	286	5850	No Message
Story2	B173	287	150	No Message
Story2	B173	287	625	No Message
Story2	B173	287	1100	No Message
Story2	B173	287	1575	No Message
Story2	B173	287	2050	No Message
Story2	B173	287	2525	No Message
Story2	B173	287	3000	No Message
Story2	B173	287	3475	No Message
Story2	B173	287	3950	No Message
Story2	B173	287	4425	No Message
Story2	B173	287	4900	No Message
Story2	B173	287	5375	No Message
Story2	B173	287	5850	No Message
Story2	B174	288	150	No Message
Story2	B174	288	625	No Message
Story2	B174	288	1100	No Message
Story2	B174	288	1575	No Message
Story2	B174	288	2050	No Message

Story	Label	Unique Name	Station mm	Errors	Story	Label	Unique Name	Station mm	Errors
Story1	B12	12	1075	No Message	Story1	B16	65	6000	No Message
Story1	B12	12	1500	No Message	Story1	B17	68	0	No Message
Story1	B12	12	1925	No Message	Story1	B17	68	500	No Message
Story1	B12	12	2350	No Message	Story1	B17	68	1000	No Message
Story1	B12	12	2775	No Message	Story1	B17	68	1500	No Message
Story1	B13	62	0	No Message	Story1	B17	68	2000	No Message
Story1	B13	62	500	No Message	Story1	B17	68	2500	No Message
Story1	B13	62	1000	No Message	Story1	B17	68	3000	No Message
Story1	B13	62	1500	No Message	Story1	B17	68	3500	No Message
Story1	B13	62	2000	No Message	Story1	B17	68	4000	No Message
Story1	B13	62	2500	No Message	Story1	B17	68	4500	No Message
Story1	B13	62	3000	No Message	Story1	B17	68	5000	No Message
Story1	B13	62	3500	No Message	Story1	B17	68	5500	No Message
Story1	B13	62	4000	No Message	Story1	B17	68	6000	No Message
Story1	B13	62	4500	No Message	Story1	B18	67	0	No Message
Story1	B13	62	5000	No Message	Story1	B18	67	500	No Message
Story1	B13	62	5500	No Message	Story1	B18	67	1000	No Message
Story1	B13	62	6000	No Message	Story1	B18	67	1500	No Message
Story1	B14	63	0	No Message	Story1	B18	67	2000	No Message
Story1	B14	63	500	No Message	Story1	B18	67	2500	No Message
Story1	B14	63	1000	No Message	Story1	B18	67	3000	No Message
Story1	B14	63	1500	No Message	Story1	B19	68	0	No Message
Story1	B14	63	2000	No Message	Story1	B19	68	500	No Message
Story1	B14	63	2500	No Message	Story1	B19	68	1000	No Message
Story1	B14	63	3000	No Message	Story1	B19	68	1500	No Message
Story1	B14	63	3500	No Message	Story1	B19	68	2000	No Message
Story1	B14	63	4000	No Message	Story1	B19	68	2500	No Message
Story1	B14	63	4500	No Message	Story1	B19	68	3000	No Message
Story1	B14	63	5000	No Message	Story1	B19	68	3500	No Message
Story1	B14	63	5500	No Message	Story1	B19	68	4000	No Message
Story1	B14	63	6000	No Message	Story1	B19	68	4500	No Message
Story1	B15	64	0	No Message	Story1	B19	68	5000	No Message
Story1	B15	64	500	No Message	Story1	B19	68	5500	No Message
Story1	B15	64	1000	No Message	Story1	B19	68	6000	No Message
Story1	B15	64	1500	No Message	Story1	B20	69	0	No Message
Story1	B15	64	2000	No Message	Story1	B20	69	500	No Message
Story1	B15	64	2500	No Message	Story1	B20	69	1000	No Message
Story1	B15	64	3000	No Message	Story1	B20	69	1500	No Message
Story1	B15	64	3500	No Message	Story1	B20	69	2000	No Message
Story1	B15	64	4000	No Message	Story1	B20	69	2500	No Message
Story1	B15	64	4500	No Message	Story1	B20	69	3000	No Message
Story1	B15	64	5000	No Message	Story1	B20	69	3500	No Message
Story1	B15	64	5500	No Message	Story1	B20	69	4000	No Message
Story1	B15	64	6000	No Message	Story1	B20	69	4500	No Message
Story1	B16	65	0	No Message	Story1	B20	69	5000	No Message
Story1	B16	65	500	No Message	Story1	B20	69	5500	No Message
Story1	B16	65	1000	No Message	Story1	B20	69	6000	No Message
Story1	B16	65	1500	No Message	Story1	B21	70	0	No Message
Story1	B16	65	2000	No Message	Story1	B21	70	500	No Message
Story1	B16	65	2500	No Message	Story1	B21	70	1000	No Message
Story1	B16	65	3000	No Message	Story1	B21	70	1500	No Message
Story1	B16	65	3500	No Message	Story1	B21	70	2000	No Message
Story1	B16	65	4000	No Message	Story1	B21	70	2500	No Message
Story1	B16	65	4500	No Message	Story1	B21	70	3000	No Message
Story1	B16	65	5000	No Message	Story1	B21	70	3500	No Message
Story1	B16	65	5500	No Message	Story1	B21	70	4000	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B21	70	4500	No Message
Story1	B21	70	5000	No Message
Story1	B21	70	5500	No Message
Story1	B21	70	6000	No Message
Story1	B22	71	0	No Message
Story1	B22	71	300	No Message
Story1	B22	71	1000	No Message
Story1	B22	71	1500	No Message
Story1	B22	71	2000	No Message
Story1	B22	71	2500	No Message
Story1	B22	71	3000	No Message
Story1	B22	71	3500	No Message
Story1	B22	71	4000	No Message
Story1	B22	71	4500	No Message
Story1	B22	71	5000	No Message
Story1	B22	71	5500	No Message
Story1	B22	71	6000	No Message
Story1	B23	72	C	No Message
Story1	B23	72	500	No Message
Story1	B23	72	1000	No Message
Story1	B23	72	1500	No Message
Story1	B23	72	2000	No Message
Story1	B23	72	2500	No Message
Story1	B23	72	3000	No Message
Story1	B23	72	3500	No Message
Story1	B23	72	4000	No Message
Story1	B23	72	4500	No Message
Story1	B23	72	5000	No Message
Story1	B23	72	5500	No Message
Story1	B23	72	6000	No Message
Story1	B24	73	0	No Message
Story1	B24	73	500	No Message
Story1	B24	73	1000	No Message
Story1	B24	73	1500	No Message
Story1	B24	73	2000	No Message
Story1	B24	73	2500	No Message
Story1	B24	73	3000	No Message
Story1	B24	73	3500	No Message
Story1	B24	73	4000	No Message
Story1	B24	73	4500	No Message
Story1	B24	73	5000	No Message
Story1	B24	73	5500	No Message
Story1	B24	73	6000	No Message
Story1	B25	19	0	No Message
Story1	B25	19	500	No Message
Story1	B25	19	1000	No Message
Story1	B25	19	1500	No Message
Story1	B25	19	2000	No Message
Story1	B25	19	2500	No Message
Story1	B25	19	3000	No Message
Story1	B25	19	3500	No Message
Story1	B25	19	4000	No Message
Story1	B25	19	4500	No Message
Story1	B25	19	5000	No Message
Story1	B25	19	5500	No Message
Story1	B25	19	6000	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B26	24	0	No Message
Story1	B26	24	500	No Message
Story1	B26	24	1000	No Message
Story1	B26	24	1500	No Message
Story1	B26	24	2000	No Message
Story1	B26	24	2500	No Message
Story1	B26	24	3000	No Message
Story1	B26	24	3500	No Message
Story1	B26	24	4000	No Message
Story1	B26	24	4500	No Message
Story1	B26	24	5000	No Message
Story1	B26	24	5500	No Message
Story1	B26	24	6000	No Message
Story1	B27	28	0	No Message
Story1	B27	28	500	No Message
Story1	B27	28	1000	No Message
Story1	B27	28	1500	No Message
Story1	B27	28	2000	No Message
Story1	B27	28	2500	No Message
Story1	B27	28	3000	No Message
Story1	B27	28	3500	No Message
Story1	B27	28	4000	No Message
Story1	B27	28	4500	No Message
Story1	B27	28	5000	No Message
Story1	B27	28	5500	No Message
Story1	B27	28	6000	No Message
Story1	B28	53	0	No Message
Story1	B28	53	500	No Message
Story1	B28	53	1000	No Message
Story1	B28	53	1500	No Message
Story1	B28	53	2000	No Message
Story1	B28	53	2500	No Message
Story1	B28	53	3000	No Message
Story1	B28	53	3500	No Message
Story1	B28	53	4000	No Message
Story1	B28	53	4500	No Message
Story1	B28	53	5000	No Message
Story1	B28	53	5500	No Message
Story1	B28	53	6000	No Message
Story1	B29	61	0	No Message
Story1	B29	61	500	No Message
Story1	B29	61	1000	No Message
Story1	B29	61	1500	No Message
Story1	B29	61	2000	No Message
Story1	B29	61	2500	No Message
Story1	B29	61	3000	No Message
Story1	B29	61	3500	No Message
Story1	B29	61	4000	No Message
Story1	B29	61	4500	No Message
Story1	B29	61	5000	No Message
Story1	B29	61	5500	No Message
Story1	B29	61	6000	No Message
Story1	B30	98	0	No Message
Story1	B30	98	500	No Message
Story1	B30	98	1000	No Message
Story1	B30	98	1500	No Message

Story	Label	Unique Name	Station mm	Errors	Story	Label	Unique Name	Station mm	Errors
Story1	B30	98	2000	No Message	Story1	B34	102	4000	No Message
Story1	B30	98	2500	No Message	Story1	B34	102	4500	No Message
Story1	B30	98	3000	No Message	Story1	B34	102	5000	No Message
Story1	B30	98	3500	No Message	Story1	B34	102	5500	No Message
Story1	B30	98	4000	No Message	Story1	B34	102	6000	No Message
Story1	B30	98	4500	No Message	Story1	B35	103	0	No Message
Story1	B30	98	5000	No Message	Story1	B35	103	500	No Message
Story1	B30	98	5500	No Message	Story1	B35	103	1000	No Message
Story1	B30	98	6000	No Message	Story1	B35	103	1500	No Message
Story1	B31	99	0	No Message	Story1	B35	103	2000	No Message
Story1	B31	99	500	No Message	Story1	B35	103	2500	No Message
Story1	B31	99	1000	No Message	Story1	B35	103	3000	No Message
Story1	B31	99	1500	No Message	Story1	B35	103	3500	No Message
Story1	B31	99	2000	No Message	Story1	B35	103	4000	No Message
Story1	B31	99	2500	No Message	Story1	B35	103	4500	No Message
Story1	B31	99	3000	No Message	Story1	B35	103	5000	No Message
Story1	B31	99	3500	No Message	Story1	B35	103	5500	No Message
Story1	B31	99	4000	No Message	Story1	B35	103	6000	No Message
Story1	B31	99	4500	No Message	Story1	B36	104	0	No Message
Story1	B31	99	5000	No Message	Story1	B36	104	500	No Message
Story1	B31	99	5500	No Message	Story1	B36	104	1000	No Message
Story1	B31	99	6000	No Message	Story1	B36	104	1500	No Message
Story1	B32	100	0	No Message	Story1	B36	104	2000	No Message
Story1	B32	100	500	No Message	Story1	B36	104	2500	No Message
Story1	B32	100	1000	No Message	Story1	B36	104	3000	No Message
Story1	B32	100	1500	No Message	Story1	B36	104	3500	No Message
Story1	B32	100	2000	No Message	Story1	B36	104	4000	No Message
Story1	B32	100	2500	No Message	Story1	B36	104	4500	No Message
Story1	B32	100	3000	No Message	Story1	B36	104	5000	No Message
Story1	B32	100	3500	No Message	Story1	B36	104	5500	No Message
Story1	B32	100	4000	No Message	Story1	B36	104	6000	No Message
Story1	B32	100	4500	No Message	Story1	B37	105	0	No Message
Story1	B32	100	5000	No Message	Story1	B37	105	500	No Message
Story1	B32	100	5500	No Message	Story1	B37	105	1000	No Message
Story1	B32	100	6000	No Message	Story1	B37	105	1500	No Message
Story1	B33	101	0	No Message	Story1	B37	105	2000	No Message
Story1	B33	101	500	No Message	Story1	B37	105	2500	No Message
Story1	B33	101	1000	No Message	Story1	B37	105	3000	No Message
Story1	B33	101	1500	No Message	Story1	B37	105	3500	No Message
Story1	B33	101	2000	No Message	Story1	B37	105	4000	No Message
Story1	B33	101	2500	No Message	Story1	B37	105	4500	No Message
Story1	B33	101	3000	No Message	Story1	B37	105	5000	No Message
Story1	B33	101	3500	No Message	Story1	B37	105	5500	No Message
Story1	B33	101	4000	No Message	Story1	B37	105	6000	No Message
Story1	B33	101	4500	No Message	Story1	B38	106	0	No Message
Story1	B33	101	5000	No Message	Story1	B38	106	500	No Message
Story1	B33	101	5500	No Message	Story1	B38	106	1000	No Message
Story1	B33	101	6000	No Message	Story1	B38	106	1500	No Message
Story1	B34	102	0	No Message	Story1	B38	106	2000	No Message
Story1	B34	102	500	No Message	Story1	B38	106	2500	No Message
Story1	B34	102	1000	No Message	Story1	B38	106	3000	No Message
Story1	B34	102	1500	No Message	Story1	B38	106	3500	No Message
Story1	B34	102	2000	No Message	Story1	B38	106	4000	No Message
Story1	B34	102	2500	No Message	Story1	B38	106	4500	No Message
Story1	B34	102	3000	No Message	Story1	B38	106	5000	No Message
Story1	B34	102	3500	No Message	Story1	B38	106	5500	No Message

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Story	Label	Unique Name	Station mm	Errors
Story1	B38	106	6000	No Message
Story1	B39	107	0	No Message
Story1	B39	107	500	No Message
Story1	B39	107	1000	No Message
Story1	B39	107	1500	No Message
Story1	B39	107	2000	No Message
Story1	B39	107	2500	No Message
Story1	B39	107	3000	No Message
Story1	B39	107	3500	No Message
Story1	B39	107	4000	No Message
Story1	B39	107	4500	No Message
Story1	B39	107	5000	No Message
Story1	B39	107	5500	No Message
Story1	B39	107	6000	No Message
Story1	B40	108	0	No Message
Story1	B40	108	500	No Message
Story1	B40	108	1000	No Message
Story1	B40	108	1500	No Message
Story1	B40	108	2000	No Message
Story1	B40	108	2500	No Message
Story1	B40	108	3000	No Message
Story1	B40	108	3500	No Message
Story1	B40	108	4000	No Message
Story1	B40	108	4500	No Message
Story1	B40	108	5000	No Message
Story1	B40	108	5500	No Message
Story1	B40	108	6000	No Message
Story1	B41	109	0	No Message
Story1	B41	109	500	No Message
Story1	B41	109	1000	No Message
Story1	B41	109	1500	No Message
Story1	B41	109	2000	No Message
Story1	B41	109	2500	No Message
Story1	B41	109	3000	No Message
Story1	B41	109	3500	No Message
Story1	B41	109	4000	No Message
Story1	B41	109	4500	No Message
Story1	B41	109	5000	No Message
Story1	B41	109	5500	No Message
Story1	B41	109	6000	No Message
Story1	B42	110	0	No Message
Story1	B42	110	500	No Message
Story1	B42	110	1000	No Message
Story1	B42	110	1500	No Message
Story1	B42	110	2000	No Message
Story1	B42	110	2500	No Message
Story1	B42	110	3000	No Message
Story1	B42	110	3500	No Message
Story1	B42	110	4000	No Message
Story1	B42	110	4500	No Message
Story1	B42	110	5000	No Message
Story1	B42	110	5500	No Message
Story1	B42	110	6000	No Message
Story1	B43	111	0	No Message
Story1	B43	111	500	No Message
Story1	B43	111	1000	No Message

Design Data

Story	Label	Unique Name	Station mm	Errors
Story1	B43	111	1500	No Message
Story1	B43	111	2000	No Message
Story1	B43	111	2500	No Message
Story1	B43	111	3000	No Message
Story1	B43	111	3500	No Message
Story1	B43	111	4000	No Message
Story1	B43	111	4500	No Message
Story1	B43	111	5000	No Message
Story1	B43	111	5500	No Message
Story1	B43	111	6000	No Message
Story1	B44	112	0	No Message
Story1	B44	112	500	No Message
Story1	B44	112	1000	No Message
Story1	B44	112	1500	No Message
Story1	B44	112	2000	No Message
Story1	B44	112	2500	No Message
Story1	B44	112	3000	No Message
Story1	B44	112	3500	No Message
Story1	B44	112	4000	No Message
Story1	B44	112	4500	No Message
Story1	B44	112	5000	No Message
Story1	B44	112	5500	No Message
Story1	B44	112	6000	No Message
Story1	B45	113	0	No Message
Story1	B45	113	500	No Message
Story1	B45	113	1000	No Message
Story1	B45	113	1500	No Message
Story1	B45	113	2000	No Message
Story1	B45	113	2500	No Message
Story1	B45	113	3000	No Message
Story1	B45	113	3500	No Message
Story1	B45	113	4000	No Message
Story1	B45	113	4500	No Message
Story1	B45	113	5000	No Message
Story1	B45	113	5500	No Message
Story1	B45	113	6000	No Message
Story1	B46	114	0	No Message
Story1	B46	114	500	No Message
Story1	B46	114	1000	No Message
Story1	B46	114	1500	No Message
Story1	B46	114	2000	No Message
Story1	B46	114	2500	No Message
Story1	B46	114	3000	No Message
Story1	B46	114	3500	No Message
Story1	B46	114	4000	No Message
Story1	B46	114	4500	No Message
Story1	B46	114	5000	No Message
Story1	B46	114	5500	No Message
Story1	B46	114	6000	No Message
Story1	B47	115	0	No Message
Story1	B47	115	500	No Message
Story1	B47	115	1000	No Message
Story1	B47	115	1500	No Message
Story1	B47	115	2000	No Message
Story1	B47	115	2500	No Message
Story1	B47	115	3000	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B47	115	3500	No Message
Story1	B47	115	4000	No Message
Story1	B47	115	4500	No Message
Story1	B47	115	5000	No Message
Story1	B47	115	5500	No Message
Story1	B47	115	6000	No Message
Story1	B48	116	0	No Message
Story1	B48	116	500	No Message
Story1	B48	116	1000	No Message
Story1	B48	116	1500	No Message
Story1	B48	116	2000	No Message
Story1	B48	116	2500	No Message
Story1	B48	116	3000	No Message
Story1	B48	116	3500	No Message
Story1	B48	116	4000	No Message
Story1	B48	116	4500	No Message
Story1	B48	116	5000	No Message
Story1	B48	116	5500	No Message
Story1	B48	116	6000	No Message
Story1	B49	117	0	No Message
Story1	B49	117	500	No Message
Story1	B49	117	1000	No Message
Story1	B49	117	1500	No Message
Story1	B49	117	2000	No Message
Story1	B49	117	2500	No Message
Story1	B49	117	3000	No Message
Story1	B49	117	3500	No Message
Story1	B49	117	4000	No Message
Story1	B49	117	4500	No Message
Story1	B49	117	5000	No Message
Story1	B49	117	5500	No Message
Story1	B49	117	6000	No Message
Story1	B50	118	0	No Message
Story1	B50	118	500	No Message
Story1	B50	118	1000	No Message
Story1	B50	118	1500	No Message
Story1	B50	118	2000	No Message
Story1	B50	118	2500	No Message
Story1	B50	118	3000	No Message
Story1	B50	118	3500	No Message
Story1	B50	118	4000	No Message
Story1	B50	118	4500	No Message
Story1	B50	118	5000	No Message
Story1	B50	118	5500	No Message
Story1	B50	118	6000	No Message
Story1	B51	119	0	No Message
Story1	B51	119	500	No Message
Story1	B51	119	1000	No Message
Story1	B51	119	1500	No Message
Story1	B51	119	2000	No Message
Story1	B51	119	2500	No Message
Story1	B51	119	3000	No Message
Story1	B51	119	3500	No Message
Story1	B51	119	4000	No Message
Story1	B51	119	4500	No Message
Story1	B51	119	5000	No Message
Story1	B51	119	5500	No Message
Story1	B51	119	6000	No Message
Story1	B51	119	0	No Message
Story1	B51	119	500	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B55	124	1000	No Message
Story1	B56	124	1500	No Message
Story1	B56	124	2000	No Message
Story1	B56	124	2500	No Message
Story1	B56	124	3000	No Message
Story1	B56	124	3500	No Message
Story1	B56	124	4000	No Message
Story1	B56	124	4500	No Message
Story1	B56	124	5000	No Message
Story1	B56	124	5500	No Message
Story1	B56	124	6000	No Message
Story1	B57	125	0	No Message
Story1	B57	125	500	No Message
Story1	B57	125	1000	No Message
Story1	B57	125	1500	No Message
Story1	B57	125	2000	No Message
Story1	B57	125	2500	No Message
Story1	B57	125	3000	No Message
Story1	B57	125	3500	No Message
Story1	B57	125	4000	No Message
Story1	B57	125	4500	No Message
Story1	B57	125	5000	No Message
Story1	B57	125	5500	No Message
Story1	B57	125	6000	No Message
Story1	B58	126	0	No Message
Story1	B58	126	500	No Message
Story1	B58	126	1000	No Message
Story1	B58	126	1500	No Message
Story1	B58	126	2000	No Message
Story1	B58	126	2500	No Message
Story1	B58	126	3000	No Message
Story1	B58	126	3500	No Message
Story1	B58	126	4000	No Message
Story1	B58	126	4500	No Message
Story1	B58	126	5000	No Message
Story1	B58	126	5500	No Message
Story1	B58	126	6000	No Message
Story1	B59	127	0	No Message
Story1	B59	127	500	No Message
Story1	B59	127	1000	No Message
Story1	B59	127	1500	No Message
Story1	B59	127	2000	No Message
Story1	B59	127	2500	No Message
Story1	B59	127	3000	No Message
Story1	B59	127	3500	No Message
Story1	B59	127	4000	No Message
Story1	B59	127	4500	No Message
Story1	B59	127	5000	No Message
Story1	B59	127	5500	No Message
Story1	B59	127	6000	No Message
Story1	B60	128	0	No Message
Story1	B60	128	500	No Message
Story1	B60	128	1000	No Message
Story1	B60	128	1500	No Message
Story1	B60	128	2000	No Message
Story1	B60	128	2500	No Message
Story1	B60	128	3000	No Message
Story1	B60	128	3500	No Message
Story1	B60	128	4000	No Message
Story1	B60	128	4500	No Message
Story1	B60	128	5000	No Message
Story1	B60	128	5500	No Message
Story1	B60	128	6000	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B93	B61	2500	No Message
Story1	B93	B61	3000	No Message
Story1	B94	B62	0	No Message
Story1	B94	B62	500	No Message
Story1	B94	B62	1000	No Message
Story1	B94	B62	1500	No Message
Story1	B94	B62	2000	No Message
Story1	B94	B62	2500	No Message
Story1	B94	B62	3000	No Message
Story1	B95	B63	0	No Message
Story1	B95	B63	500	No Message
Story1	B95	B63	1000	No Message
Story1	B95	B63	1500	No Message
Story1	B95	B63	2000	No Message
Story1	B95	B63	2500	No Message
Story1	B95	B63	3000	No Message
Story1	B96	B64	0	No Message
Story1	B96	B64	500	No Message
Story1	B96	B64	1000	No Message
Story1	B96	B64	1500	No Message
Story1	B96	B64	2000	No Message
Story1	B96	B64	2500	No Message
Story1	B96	B64	3000	No Message
Story1	B97	B65	0	No Message
Story1	B97	B65	500	No Message
Story1	B97	B65	1000	No Message
Story1	B97	B65	1500	No Message
Story1	B97	B65	2000	No Message
Story1	B97	B65	2500	No Message
Story1	B97	B65	3000	No Message
Story1	B97	B65	3500	No Message
Story1	B97	B65	4000	No Message
Story1	B97	B65	4500	No Message
Story1	B97	B65	5000	No Message
Story1	B97	B65	5500	No Message
Story1	B97	B65	6000	No Message
Story1	B98	B66	0	No Message
Story1	B98	B66	500	No Message
Story1	B98	B66	1000	No Message
Story1	B98	B66	1500	No Message
Story1	B98	B66	2000	No Message
Story1	B98	B66	2500	No Message
Story1	B98	B66	3000	No Message
Story1	B98	B66	3500	No Message
Story1	B98	B66	4000	No Message
Story1	B98	B66	4500	No Message
Story1	B98	B66	5000	No Message
Story1	B98	B66	5500	No Message
Story1	B98	B66	6000	No Message
Story1	B99	B67	0	No Message
Story1	B99	B67	500	No Message
Story1	B99	B67	1000	No Message
Story1	B99	B67	1500	No Message
Story1	B99	B67	2000	No Message
Story1	B99	B67	2500	No Message
Story1	B99	B67	3000	No Message
Story1	B99	B67	3500	No Message
Story1	B99	B67	4000	No Message
Story1	B99	B67	4500	No Message
Story1	B99	B67	5000	No Message
Story1	B99	B67	5500	No Message
Story1	B99	B67	6000	No Message
Story1	B100	B68	0	No Message
Story1	B100	B68	500	No Message
Story1	B100	B68	1000	No Message
Story1	B100	B68	1500	No Message
Story1	B100	B68	2000	No Message
Story1	B100	B68	2500	No Message
Story1	B100	B68	3000	No Message
Story1	B100	B68	3500	No Message
Story1	B100	B68	4000	No Message
Story1	B100	B68	4500	No Message
Story1	B100	B68	5000	No Message
Story1	B100	B68	5500	No Message
Story1	B100	B68	6000	No Message
Story1	B101	B69	0	No Message
Story1	B101	B69	500	No Message
Story1	B101	B69	1000	No Message
Story1	B101	B69	1500	No Message
Story1	B101	B69	2000	No Message
Story1	B101	B69	2500	No Message
Story1	B101	B69	3000	No Message
Story1	B101	B69	3500	No Message
Story1	B101	B69	4000	No Message
Story1	B101	B69	4500	No Message
Story1	B101	B69	5000	No Message
Story1	B101	B69	5500	No Message
Story1	B101	B69	6000	No Message
Story1	B102	B70	0	No Message
Story1	B102	B70	500	No Message
Story1	B102	B70	1000	No Message
Story1	B102	B70	1500	No Message
Story1	B102	B70	2000	No Message
Story1	B102	B70	2500	No Message
Story1	B102	B70	3000	No Message
Story1	B102	B70	3500	No Message
Story1	B102	B70	4000	No Message
Story1	B102	B70	4500	No Message
Story1	B102	B70	5000	No Message
Story1	B102	B70	5500	No Message
Story1	B102	B70	6000	No Message
Story1	B103	B71	0	No Message
Story1	B103	B71	500	No Message
Story1	B103	B71	1000	No Message
Story1	B103	B71	1500	No Message
Story1	B103	B71	2000	No Message
Story1	B103	B71	2500	No Message
Story1	B103	B71	3000	No Message
Story1	B103	B71	3500	No Message
Story1	B103	B71	4000	No Message
Story1	B103	B71	4500	No Message
Story1	B103	B71	5000	No Message

Label			Unique Name			Station			Errors		
Label			Unique Name			mm			Errors		
B112	160	3000	No Message			No Message			No Message		
B112	160	3500	No Message			No Message			No Message		
B112	160	4000	No Message			No Message			No Message		
B112	180	4500	No Message			No Message			No Message		
B112	180	5000	No Message			No Message			No Message		
B112	180	5500	No Message			No Message			No Message		
B112	180	6000	No Message			No Message			No Message		
B113	181	0	No Message			No Message			No Message		
B113	181	500	No Message			No Message			No Message		
B113	181	1000	No Message			No Message			No Message		
B113	181	1500	No Message			No Message			No Message		
B113	181	2000	No Message			No Message			No Message		
B113	181	2500	No Message			No Message			No Message		
B113	181	3000	No Message			No Message			No Message		
B113	181	3500	No Message			No Message			No Message		
B113	181	4000	No Message			No Message			No Message		
B113	181	4500	No Message			No Message			No Message		
B113	181	5000	No Message			No Message			No Message		
B113	181	5500	No Message			No Message			No Message		
B114	182	0	No Message			No Message			No Message		
B114	182	500	No Message			No Message			No Message		
B114	182	1000	No Message			No Message			No Message		
B114	182	1500	No Message			No Message			No Message		
B114	182	2000	No Message			No Message			No Message		
B114	182	2500	No Message			No Message			No Message		
B114	182	3000	No Message			No Message			No Message		
B114	182	3500	No Message			No Message			No Message		
B114	182	4000	No Message			No Message			No Message		
B114	182	4500	No Message			No Message			No Message		
B114	182	5000	No Message			No Message			No Message		

Design Data

Story	Label	Unique Name	Station mm	Errors
Story1	B129	197	4500	No Message
Story1	B129	197	5000	No Message
Story1	B129	197	5500	No Message
Story1	B129	187	6000	No Message
Story1	B130	198	0	No Message
Story1	B130	198	500	No Message
Story1	B130	198	1000	No Message
Story1	B130	198	1500	No Message
Story1	B130	198	2000	No Message
Story1	B130	198	2500	No Message
Story1	B130	198	3000	No Message
Story1	B130	198	3500	No Message
Story1	B130	198	4000	No Message
Story1	B130	198	4500	No Message
Story1	B130	198	5000	No Message
Story1	B130	198	5500	No Message
Story1	B130	198	6000	No Message
Story1	B131	199	0	No Message
Story1	B131	199	500	No Message
Story1	B131	199	1000	No Message
Story1	B131	199	1500	No Message
Story1	B131	199	2000	No Message
Story1	B131	199	2500	No Message
Story1	B131	199	3000	No Message
Story1	B131	199	3500	No Message
Story1	B131	199	4000	No Message
Story1	B131	199	4500	No Message
Story1	B131	199	5000	No Message
Story1	B131	199	5500	No Message
Story1	B131	199	6000	No Message
Story1	B132	200	0	No Message
Story1	B132	200	500	No Message
Story1	B132	200	1000	No Message
Story1	B132	200	1500	No Message
Story1	B132	200	2000	No Message
Story1	B132	200	2500	No Message
Story1	B132	200	3000	No Message
Story1	B132	200	3500	No Message
Story1	B132	200	4000	No Message
Story1	B132	200	4500	No Message
Story1	B132	200	5000	No Message
Story1	B132	200	5500	No Message
Story1	B132	200	6000	No Message
Story1	B133	201	0	No Message
Story1	B133	201	500	No Message
Story1	B133	201	1000	No Message
Story1	B133	201	1500	No Message
Story1	B133	201	2000	No Message
Story1	B133	201	2500	No Message
Story1	B133	201	3000	No Message
Story1	B133	201	3500	No Message
Story1	B133	201	4000	No Message
Story1	B133	201	4500	No Message
Story1	B133	201	5000	No Message
Story1	B133	201	5500	No Message
Story1	B133	201	6000	No Message

Design Data

Story	Label	Unique Name	Station mm	Errors
Story1	B134	202	0	No Message
Story1	B134	202	500	No Message
Story1	B134	202	1000	No Message
Story1	B134	202	1500	No Message
Story1	B134	202	2000	No Message
Story1	B134	202	2500	No Message
Story1	B134	202	3000	No Message
Story1	B134	202	3500	No Message
Story1	B134	202	4000	No Message
Story1	B134	202	4500	No Message
Story1	B134	202	5000	No Message
Story1	B134	202	5500	No Message
Story1	B134	202	6000	No Message
Story1	B135	203	0	No Message
Story1	B135	203	500	No Message
Story1	B135	203	1000	No Message
Story1	B135	203	1500	No Message
Story1	B135	203	2000	No Message
Story1	B135	203	2500	No Message
Story1	B135	203	3000	No Message
Story1	B135	203	3500	No Message
Story1	B135	203	4000	No Message
Story1	B135	203	4500	No Message
Story1	B135	203	5000	No Message
Story1	B135	203	5500	No Message
Story1	B135	203	6000	No Message
Story1	B136	204	0	No Message
Story1	B136	204	500	No Message
Story1	B136	204	1000	No Message
Story1	B136	204	1500	No Message
Story1	B136	204	2000	No Message
Story1	B136	204	2500	No Message
Story1	B136	204	3000	No Message
Story1	B136	204	3500	No Message
Story1	B136	204	4000	No Message
Story1	B136	204	4500	No Message
Story1	B136	204	5000	No Message
Story1	B136	204	5500	No Message
Story1	B136	204	6000	No Message
Story1	B137	205	0	No Message
Story1	B137	205	500	No Message
Story1	B137	205	1000	No Message
Story1	B137	205	1500	No Message
Story1	B137	205	2000	No Message
Story1	B137	205	2500	No Message
Story1	B137	205	3000	No Message
Story1	B137	205	3500	No Message
Story1	B137	205	4000	No Message
Story1	B137	205	4500	No Message
Story1	B137	205	5000	No Message
Story1	B137	205	5500	No Message
Story1	B137	205	6000	No Message
Story1	B138	206	0	No Message
Story1	B138	206	500	No Message
Story1	B138	206	1000	No Message
Story1	B138	206	1500	No Message

Story	Label	Unique Name	Station min	Errors
Story1	B138	206	2000	No Message
Story1	B138	206	2500	No Message
Story1	B138	206	3000	No Message
Story1	B138	206	3500	No Message
Story1	B138	206	4000	No Message
Story1	B138	206	4500	No Message
Story1	B138	206	5000	No Message
Story1	B138	206	5500	No Message
Story1	B138	206	6000	No Message
Story1	B139	207	0	No Message
Story1	B139	207	1000	No Message
Story1	B139	207	1500	No Message
Story1	B139	207	2000	No Message
Story1	B139	207	2500	No Message
Story1	B139	207	3000	No Message
Story1	B139	207	3500	No Message
Story1	B139	207	4000	No Message
Story1	B139	207	4500	No Message
Story1	B139	207	5000	No Message
Story1	B139	207	5500	No Message
Story1	B139	207	6000	No Message
Story1	B140	208	0	No Message
Story1	B140	208	500	No Message
Story1	B140	208	1000	No Message
Story1	B140	208	1500	No Message
Story1	B140	208	2000	No Message
Story1	B140	208	2500	No Message
Story1	B140	208	3000	No Message
Story1	B140	208	3500	No Message
Story1	B140	208	4000	No Message
Story1	B140	208	4500	No Message
Story1	B140	208	5000	No Message
Story1	B140	208	5500	No Message
Story1	B140	208	6000	No Message
Story1	B141	209	0	No Message
Story1	B141	209	500	No Message
Story1	B141	209	1000	No Message
Story1	B141	209	1500	No Message
Story1	B141	209	2000	No Message
Story1	B141	209	2500	No Message
Story1	B141	209	3000	No Message
Story1	B141	209	3500	No Message
Story1	B141	209	4000	No Message
Story1	B141	209	4500	No Message
Story1	B141	209	5000	No Message
Story1	B141	209	5500	No Message
Story1	B141	209	6000	No Message
Story1	B142	138	0	No Message
Story1	B142	138	500	No Message
Story1	B142	138	1000	No Message
Story1	B142	138	1500	No Message
Story1	B142	138	2000	No Message
Story1	B142	138	2500	No Message
Story1	B142	138	3000	No Message
Story1	B142	138	3500	No Message
Story1	B142	138	4000	No Message
Story1	B142	138	4500	No Message
Story1	B142	138	5000	No Message
Story1	B142	138	5500	No Message
Story1	B142	138	6000	No Message
Story1	B143	139	0	No Message
Story1	B143	139	500	No Message
Story1	B143	139	1000	No Message
Story1	B143	139	1500	No Message
Story1	B143	139	2000	No Message
Story1	B143	139	2500	No Message
Story1	B143	139	3000	No Message
Story1	B143	139	3500	No Message
Story1	B143	139	4000	No Message
Story1	B143	139	4500	No Message
Story1	B143	139	5000	No Message
Story1	B143	139	5500	No Message
Story1	B143	139	6000	No Message
Story1	B144	140	0	No Message
Story1	B144	140	500	No Message
Story1	B144	140	1000	No Message
Story1	B144	140	1500	No Message
Story1	B144	140	2000	No Message
Story1	B144	140	2500	No Message
Story1	B144	140	3000	No Message
Story1	B144	140	3500	No Message
Story1	B144	140	4000	No Message
Story1	B144	140	4500	No Message
Story1	B144	140	5000	No Message
Story1	B144	140	5500	No Message
Story1	B144	140	6000	No Message
Story1	B145	141	0	No Message
Story1	B145	141	500	No Message
Story1	B145	141	1000	No Message
Story1	B145	141	1500	No Message
Story1	B145	141	2000	No Message
Story1	B145	141	2500	No Message
Story1	B145	141	3000	No Message
Story1	B145	141	3500	No Message
Story1	B145	141	4000	No Message
Story1	B145	141	4500	No Message
Story1	B145	141	5000	No Message
Story1	B145	141	5500	No Message
Story1	B145	141	6000	No Message
Story1	B146	142	0	No Message
Story1	B146	142	500	No Message
Story1	B146	142	1000	No Message
Story1	B146	142	1500	No Message
Story1	B146	142	2000	No Message
Story1	B146	142	2500	No Message
Story1	B146	142	3000	No Message
Story1	B146	142	3500	No Message
Story1	B146	142	4000	No Message
Story1	B146	142	4500	No Message
Story1	B146	142	5000	No Message
Story1	B146	142	5500	No Message
Story1	B146	142	6000	No Message

Design Data

Design Data

Story	Label	Unique Name	Station mm	Errors
Story1	B146	142	5000	No Message
Story1	B147	143	0	No Message
Story1	B147	143	500	No Message
Story1	B147	143	1000	No Message
Story1	B147	143	1500	No Message
Story1	B147	143	2000	No Message
Story1	B147	143	2500	No Message
Story1	B147	143	3000	No Message
Story1	B147	143	3500	No Message
Story1	B147	143	4000	No Message
Story1	B147	143	4500	No Message
Story1	B147	143	5000	No Message
Story1	B147	143	5500	No Message
Story1	B147	143	6000	No Message
Story1	B148	144	0	No Message
Story1	B148	144	500	No Message
Story1	B148	144	1000	No Message
Story1	B148	144	1500	No Message
Story1	B148	144	2000	No Message
Story1	B148	144	2500	No Message
Story1	B148	144	3000	No Message
Story1	B148	144	3500	No Message
Story1	B148	144	4000	No Message
Story1	B148	144	4500	No Message
Story1	B148	144	5000	No Message
Story1	B148	144	5500	No Message
Story1	B148	144	6000	No Message
Story1	B149	145	0	No Message
Story1	B149	145	500	No Message
Story1	B149	145	1000	No Message
Story1	B149	145	1500	No Message
Story1	B149	145	2000	No Message
Story1	B149	145	2500	No Message
Story1	B149	145	3000	No Message
Story1	B149	145	3500	No Message
Story1	B149	145	4000	No Message
Story1	B149	145	4500	No Message
Story1	B149	145	5000	No Message
Story1	B149	145	5500	No Message
Story1	B149	145	6000	No Message
Story1	B150	146	0	No Message
Story1	B150	146	500	No Message
Story1	B150	146	1000	No Message
Story1	B150	146	1500	No Message
Story1	B150	146	2000	No Message
Story1	B150	146	2500	No Message
Story1	B150	146	3000	No Message
Story1	B150	146	3500	No Message
Story1	B150	146	4000	No Message
Story1	B150	146	4500	No Message
Story1	B150	146	5000	No Message
Story1	B150	146	5500	No Message
Story1	B150	146	6000	No Message
Story1	B150	146	6500	No Message
Story1	B150	146	7000	No Message
Story1	B150	146	7500	No Message
Story1	B150	146	8000	No Message
Story1	B150	146	8500	No Message
Story1	B150	146	9000	No Message
Story1	B150	146	9500	No Message
Story1	B150	146	10000	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B72	149	6375	No Message
Story1	B72	149	6750	No Message
Story1	B72	149	6750	No Message
Story1	B72	149	7012.5	No Message
Story1	B72	149	7275	No Message
Story1	B73	150	225	No Message
Story1	B73	150	487.5	No Message
Story1	B73	150	750	No Message
Story1	B74	151	0	No Message
Story1	B74	151	262.5	No Message
Story1	B74	151	525	No Message
Story1	B77	154	275	No Message
Story1	B77	154	487.5	No Message
Story1	B77	154	750	No Message
Story1	B78	155	0	No Message
Story1	B78	155	262.5	No Message
Story1	B78	155	525	No Message
Story1	B82	213	0	No Message
Story1	B82	213	262.5	No Message
Story1	B82	213	525	No Message
Story1	B85	216	225	No Message
Story1	B85	216	487.5	No Message
Story1	B85	216	750	No Message
Story1	B86	217	0	No Message
Story1	B86	217	262.5	No Message
Story1	B86	217	525	No Message
Story1	B152	220	225	No Message
Story1	B152	220	487.5	No Message
Story1	B152	220	750	No Message
Story1	B153	221	0	No Message
Story1	B153	221	262.5	No Message
Story1	B153	221	525	No Message
Story1	B156	224	225	No Message
Story1	B156	224	487.5	No Message
Story1	B156	224	750	No Message
Story1	B157	225	225	No Message
Story1	B157	225	487.5	No Message
Story1	B157	225	750	No Message
Story1	B157	225	1125	No Message
Story1	B157	225	1500	No Message
Story1	B157	225	1875	No Message
Story1	B157	225	2250	No Message
Story1	B157	225	2625	No Message
Story1	B157	225	3000	No Message
Story1	B157	225	3375	No Message
Story1	B157	225	3750	No Message
Story1	B157	225	4125	No Message
Story1	B157	225	4500	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B161	229	3462.5	No Message
Story1	B161	229	3825	No Message
Story1	B161	229	4387.5	No Message
Story1	B161	229	4950	No Message
Story1	B161	229	5312.5	No Message
Story1	B161	229	5775	No Message
Story1	B162	230	225	No Message
Story1	B162	230	687.5	No Message
Story1	B162	230	1150	No Message
Story1	B162	230	1612.5	No Message
Story1	B162	230	2075	No Message
Story1	B162	230	2537.5	No Message
Story1	B162	230	3000	No Message
Story1	B162	230	3462.5	No Message
Story1	B162	230	3925	No Message
Story1	B162	230	4387.5	No Message
Story1	B162	230	4850	No Message
Story1	B162	230	5312.5	No Message
Story1	B162	230	5775	No Message
Story1	B163	231	225	No Message
Story1	B163	231	687.5	No Message
Story1	B163	231	1150	No Message
Story1	B163	231	1612.5	No Message
Story1	B163	231	2075	No Message
Story1	B163	231	2537.5	No Message
Story1	B163	231	3000	No Message
Story1	B163	231	3462.5	No Message
Story1	B163	231	3925	No Message
Story1	B163	231	4387.5	No Message
Story1	B163	231	4850	No Message
Story1	B163	231	5312.5	No Message
Story1	B163	231	5775	No Message
Story1	B164	232	225	No Message
Story1	B164	232	687.5	No Message
Story1	B164	232	1150	No Message
Story1	B164	232	1612.5	No Message
Story1	B164	232	2075	No Message
Story1	B164	232	2537.5	No Message
Story1	B164	232	3000	No Message
Story1	B164	232	3462.5	No Message
Story1	B164	232	3925	No Message
Story1	B164	232	4387.5	No Message
Story1	B164	232	4850	No Message
Story1	B164	232	5312.5	No Message
Story1	B164	232	5775	No Message
Story1	B165	233	225	No Message
Story1	B165	233	687.5	No Message
Story1	B165	233	1150	No Message
Story1	B165	233	1612.5	No Message
Story1	B165	233	2075	No Message
Story1	B165	233	2537.5	No Message
Story1	B165	233	3000	No Message
Story1	B165	233	3462.5	No Message
Story1	B165	233	3925	No Message
Story1	B165	233	4387.5	No Message
Story1	B165	233	4850	No Message

Design Data

Story	Label	Unique Name	Station mm	Errors	Story	Label	Unique Name	Station mm	Errors
Story1	B170	238	3925	No Message	Story1	B174	242	5775	No Message
Story1	B170	238	4387.5	No Message	Story1	B175	243	225	No Message
Story1	B170	238	4850	No Message	Story1	B175	243	687.5	No Message
Story1	B170	238	5312.5	No Message	Story1	B175	243	1150	No Message
Story1	B170	238	5775	No Message	Story1	B175	243	1612.5	No Message
Story1	B171	239	225	No Message	Story1	B175	243	2075	No Message
Story1	B171	239	687.5	No Message	Story1	B175	243	2537.5	No Message
Story1	B171	239	1150	No Message	Story1	B175	243	3000	No Message
Story1	B171	239	1612.5	No Message	Story1	B175	243	3462.5	No Message
Story1	B171	239	2075	No Message	Story1	B175	243	3925	No Message
Story1	B171	239	2537.5	No Message	Story1	B175	243	4387.5	No Message
Story1	B171	239	3000	No Message	Story1	B175	243	4850	No Message
Story1	B171	239	3462.5	No Message	Story1	B175	243	5312.5	No Message
Story1	B171	239	3925	No Message	Story1	B175	243	5775	No Message
Story1	B171	239	4387.5	No Message	Story1	B176	244	225	No Message
Story1	B171	239	4850	No Message	Story1	B176	244	687.5	No Message
Story1	B171	239	5312.5	No Message	Story1	B176	244	1150	No Message
Story1	B171	239	5775	No Message	Story1	B176	244	1612.5	No Message
Story1	B172	240	225	No Message	Story1	B176	244	2075	No Message
Story1	B172	240	687.5	No Message	Story1	B176	244	2537.5	No Message
Story1	B172	240	1150	No Message	Story1	B176	244	3000	No Message
Story1	B172	240	1612.5	No Message	Story1	B176	244	3462.5	No Message
Story1	B172	240	2075	No Message	Story1	B176	244	3925	No Message
Story1	B172	240	2537.5	No Message	Story1	B176	244	4387.5	No Message
Story1	B172	240	3000	No Message	Story1	B176	244	4850	No Message
Story1	B172	240	3462.5	No Message	Story1	B176	244	5312.5	No Message
Story1	B172	240	3925	No Message	Story1	B177	245	225	No Message
Story1	B172	240	4387.5	No Message	Story1	B177	245	687.5	No Message
Story1	B172	240	4850	No Message	Story1	B177	245	1150	No Message
Story1	B172	240	5312.5	No Message	Story1	B177	245	1612.5	No Message
Story1	B172	240	5775	No Message	Story1	B177	245	2075	No Message
Story1	B173	241	225	No Message	Story1	B177	245	2537.5	No Message
Story1	B173	241	687.5	No Message	Story1	B177	245	3000	No Message
Story1	B173	241	1150	No Message	Story1	B177	245	3462.5	No Message
Story1	B173	241	1612.5	No Message	Story1	B177	245	3925	No Message
Story1	B173	241	2075	No Message	Story1	B177	245	4387.5	No Message
Story1	B173	241	2537.5	No Message	Story1	B177	245	4850	No Message
Story1	B173	241	3000	No Message	Story1	B177	245	5312.5	No Message
Story1	B173	241	3462.5	No Message	Story1	B177	245	5775	No Message
Story1	B173	241	3925	No Message	Story1	B178	246	225	No Message
Story1	B173	241	4387.5	No Message	Story1	B178	246	687.5	No Message
Story1	B173	241	4850	No Message	Story1	B178	246	1150	No Message
Story1	B173	241	5312.5	No Message	Story1	B178	246	1612.5	No Message
Story1	B173	241	5775	No Message	Story1	B178	246	2075	No Message
Story1	B174	242	225	No Message	Story1	B178	246	2537.5	No Message
Story1	B174	242	687.5	No Message	Story1	B178	246	3000	No Message
Story1	B174	242	1150	No Message	Story1	B178	246	3462.5	No Message
Story1	B174	242	1612.5	No Message	Story1	B178	246	3925	No Message
Story1	B174	242	2075	No Message	Story1	B178	246	4387.5	No Message
Story1	B174	242	2537.5	No Message	Story1	B178	246	4850	No Message
Story1	B174	242	3000	No Message	Story1	B178	246	5312.5	No Message
Story1	B174	242	3462.5	No Message	Story1	B189	2	250	No Message
Story1	B174	242	3925	No Message	Story1	B189	2	500	No Message
Story1	B174	242	4387.5	No Message	Story1	B189	2	1000	No Message
Story1	B174	242	4850	No Message	Story1	B189	2	1500	No Message
Story1	B174	242	5312.5	No Message	Story1	B189	2	2000	No Message

Design Data

Story	Label	Unique Name	Station mm	Errors
Story1	B174	242	5775	No Message
Story1	B175	243	225	No Message
Story1	B175	243	687.5	No Message
Story1	B175	243	1150	No Message
Story1	B175	243	1612.5	No Message
Story1	B175	243	2075	No Message
Story1	B175	243	2537.5	No Message
Story1	B175	243	3000	No Message
Story1	B175	243	3462.5	No Message
Story1	B175	243	3925	No Message
Story1	B175	243	4387.5	No Message
Story1	B175	243	4850	No Message
Story1	B175	243	5312.5	No Message
Story1	B175	243	5775	No Message
Story1	B176	244	225	No Message
Story1	B176	244	687.5	No Message
Story1	B176	244	1150	No Message
Story1	B176	244	1612.5	No Message
Story1	B176	244	2075	No Message
Story1	B176	244	2537.5	No Message
Story1	B176	244	3000	No Message
Story1	B176	244	3462.5	No Message
Story1	B176	244	3925	No Message
Story1	B176	244	4387.5	No Message
Story1	B176	244	4850	No Message
Story1	B176	244	5312.5	No Message
Story1	B177	245	225	No Message
Story1	B177	245	687.5	No Message
Story1	B177	245	1150	No Message
Story1	B177	245	1612.5	No Message
Story1	B177	245	2075	No Message
Story1	B177	245	2537.5	No Message
Story1	B177	245	3000	No Message
Story1	B177	245	3462.5	No Message
Story1	B177	245	3925	No Message
Story1	B177	245	4387.5	No Message
Story1	B177	245	4850	No Message
Story1	B177	245	5312.5	No Message
Story1	B177	245	5775	No Message
Story1	B178	246	225	No Message
Story1	B178	246	687.5	No Message
Story1	B178	246	1150	No Message
Story1	B178	246	1612.5	No Message
Story1	B178	246	2075	No Message
Story1	B178	246	2537.5	No Message
Story1	B178	246	3000	No Message
Story1	B178	246	3462.5	No Message
Story1	B178	246	3925	No Message
Story1	B178	246	4387.5	No Message
Story1	B178	246	4850	No Message
Story1	B178	246	5312.5	No Message
Story1	B178	246	5775	No Message
Story1	B189	2	250	No Message
Story1	B189	2	500	No Message
Story1	B189	2	1000	No Message
Story1	B189	2	1500	No Message
Story1	B189	2	2000	No Message
Story1	B189	2	2500	No Message

Label	Unique Name	Station num.	Errors
B189	2	1750	No Message
B189	2	2072.5	No Message
B189	2	2275	No Message
B190	3	225	No Message
B190	3	487.5	No Message
B190	3	750	No Message
B190	3	750	No Message
B190	3	1125	No Message
B190	3	1500	No Message
B190	3	1500	No Message
B190	3	1875	No Message
B190	3	2250	No Message
B190	3	2250	No Message
B193	6	0	No Message
B193	6	250	No Message
B193	6	250	No Message
B193	6	500	No Message
B193	6	500	No Message
B193	6	1000	No Message
B193	6	1000	No Message
B193	6	1375	No Message
B193	6	1750	No Message
B193	6	1750	No Message
B193	6	2072.5	No Message
B193	6	2275	No Message
B194	7	225	No Message
B194	7	487.5	No Message
B194	7	750	No Message
B194	7	750	No Message
B194	7	1125	No Message
B194	7	1500	No Message
B194	7	1500	No Message
B194	7	1500	No Message
B194	7	1875	No Message
B194	7	2250	No Message
B194	7	2250	No Message
B194	7	2500	No Message
B197	10	0	No Message
B197	10	250	No Message
B197	10	250	No Message
B197	10	500	No Message
B197	10	500	No Message
B197	10	1000	No Message
B197	10	1000	No Message
B197	10	1375	No Message
B197	10	1750	No Message
B197	10	1750	No Message
B197	10	2212.5	No Message
B197	10	2275	No Message
B198	11	225	No Message
B198	11	487.5	No Message
B198	11	750	No Message
B198	11	750	No Message
B198	11	1125	No Message
B198	11	1500	No Message
B198	11	1500	No Message

[illegible]

Story	Label	Unique Name	Station min	Errors
Story1	B1	1	1500	No Message
Story1	B1	1	1875	No Message
Story1	B1	1	2250	No Message
Story1	B1	1	2500	No Message
Story1	B1	1	2500	No Message
Story1	B2	4	0	No Message
Story1	B2	4	500	No Message
Story1	B2	4	500	No Message
Story1	B2	4	875	No Message
Story1	B2	4	1250	No Message
Story1	B2	4	1250	No Message
Story1	B2	4	1625	No Message
Story1	B2	4	2000	No Message
Story1	B2	4	2000	No Message
Story1	B2	4	2500	No Message
Story1	B3	5	0	No Message
Story1	B3	5	500	No Message
Story1	B3	5	500	No Message
Story1	B3	5	875	No Message
Story1	B3	5	1250	No Message
Story1	B3	5	1250	No Message
Story1	B3	5	1625	No Message
Story1	B3	5	2000	No Message
Story1	B3	5	2000	No Message
Story1	B3	5	2500	No Message
Story1	B4	8	0	No Message
Story1	B4	8	250	No Message
Story1	B4	8	250	No Message
Story1	B4	8	625	No Message
Story1	B4	8	1000	No Message
Story1	B4	8	1000	No Message
Story1	B4	8	1375	No Message
Story1	B4	8	1750	No Message
Story1	B4	8	1750	No Message
Story1	B4	8	2012.5	No Message
Story1	B4	8	2275	No Message
Story1	B5	9	0	No Message
Story1	B5	9	500	No Message
Story1	B5	9	500	No Message
Story1	B5	9	875	No Message
Story1	B5	9	1250	No Message
Story1	B5	9	1250	No Message
Story1	B5	9	1625	No Message
Story1	B5	9	2000	No Message
Story1	B5	9	2000	No Message
Story1	B5	9	2500	No Message
Story1	B6	74	0	No Message
Story1	B6	74	250	No Message
Story1	B6	74	250	No Message
Story1	B6	74	625	No Message
Story1	B6	74	1000	No Message
Story1	B6	74	1000	No Message
Story1	B6	74	1375	No Message
Story1	B6	74	1750	No Message
Story1	B6	74	1750	No Message
Story1	B6	74	2012.5	No Message

Story	Label	Unique Name	Station mm	Errors
Story1	B179	84	625	No Message
Story1	B179	84	1000	No Message
Story1	B179	84	1000	No Message
Story1	B179	84	1375	No Message
Story1	B179	84	1750	No Message
Story1	B179	84	1750	No Message
Story1	B179	84	2012.5	No Message
Story1	B179	84	2275	No Message
Story1	B180	152	225	No Message
Story1	B180	152	487.5	No Message
Story1	B180	152	750	No Message
Story1	B180	152	750	No Message
Story1	B180	152	1125	No Message
Story1	B180	152	1500	No Message
Story1	B180	152	1875	No Message
Story1	B180	152	2250	No Message
Story1	B181	153	0	No Message
Story1	B181	153	500	No Message
Story1	B181	153	500	No Message
Story1	B181	153	875	No Message
Story1	B181	153	1250	No Message
Story1	B181	153	1625	No Message
Story1	B181	153	2000	No Message
Story1	B181	153	2500	No Message
Story1	B182	210	0	No Message
Story1	B182	210	500	No Message
Story1	B182	210	500	No Message
Story1	B182	210	875	No Message
Story1	B182	210	1250	No Message
Story1	B182	210	1625	No Message
Story1	B182	210	2000	No Message
Story1	B182	210	2500	No Message
Story1	B183	211	0	No Message
Story1	B183	211	250	No Message
Story1	B183	211	250	No Message
Story1	B183	211	625	No Message
Story1	B183	211	1000	No Message
Story1	B183	211	1000	No Message
Story1	B183	211	1375	No Message
Story1	B183	211	1750	No Message
Story1	B183	211	1750	No Message
Story1	B183	211	2012.5	No Message
Story1	B183	211	2275	No Message
Story1	B184	214	225	No Message
Story1	B184	214	487.5	No Message
Story1	B184	214	750	No Message
Story1	B184	214	750	No Message
Story1	B184	214	1125	No Message
Story1	B184	214	1500	No Message

Story	Label	Unique Name	Design Section	Status	B/C Major Combo	B/C Minor Combo	Major Ratio
Story2	C1	21	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	(Flex) 0.9D - 1Ex - 0.3Ex	0.4
Story2	C2	22	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	(Flex) 0.9D - 0.3Ex + Ey	0.815
Story2	C3	23	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	(Flex) 0.9D - 0.3Ex + Ey	0.579
Story2	C4	25	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	(Flex) 0.9D - 0.3Ex + Ey	0.579
Story2	C5	25	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	(Flex) 0.9D - 0.3Ex + Ey	0.575
Story2	C6	27	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	(Flex) 0.9D - 0.3Ex + Ey	0.566
Story2	C8	29	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	(Flex) 0.9D - 1Ex - 0.3Ex	0.395
Story2	C9	38	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	(Flex) 0.9D - 1Ex - 0.3Ex	0.469
Story2	C10	39	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	(Flex) 0.9D - 1Ex - 0.3Ex	0.628
Story2	C11	40	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	(Flex) 0.9D - 1Ex - 0.3Ex	0.525
Story2	C12	41	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	(Flex) 0.9D - 0.3Ex + Ey	0.649
Story2	C13	42	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	(Flex) 0.9D - 1Ex - 0.3Ex	0.689
Story2	C14	43	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	(Flex) 0.9D - 1Ex - 0.3Ex	0.69
Story2	C15	44	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	(Flex) 0.9D - 0.3Ex + Ey	0.659

Table 6.4 - Concrete Joint Summary - ACI 318-08 (Part 1 of 3)

Story	Label	Unique Name	Design Section	Status	B/C Major Combo	B/C Major Ratio	B/C Minor Combo	JS Minor Ratio
Story2	C16	45	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.474	(Flex) 0.9D - 1Ex - 0.3Ex	0.433
Story2	C17	54	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.366	(Flex) 0.9D - 1Ex - 0.3Ex	0.363
Story2	C18	55	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.393	(Flex) 0.9D - 0.3Ex + Ey	0.331
Story2	C19	56	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.355	(Flex) 0.9D - 0.3Ex + Ey	0.347
Story2	C20	57	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.555	(Flex) 0.9D - 0.3Ex + Ey	0.578
Story2	C21	58	Col Comp 30x30	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.566	(Flex) 0.9D - 0.3Ex + Ey	0.54
Story2	C22	59	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.529	(Flex) 0.9D - 1Ex - 0.3Ex	0.559
Story2	C23	60	Col Comp 30x30	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.372	(Flex) 0.9D - 1Ex - 0.3Ex	0.519
Story1	C1	13	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.15	(Flex) 0.9D - 1Ex - 0.3Ex	0.546
Story1	C2	14	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.238	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C3	15	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.229	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C4	16	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.229	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C5	17	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.229	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C6	18	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.237	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C7	19	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.152	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C8	20	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.146	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C9	30	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.228	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C10	31	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.228	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C11	32	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.228	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C12	33	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.229	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C13	34	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.229	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C14	35	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.228	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C15	36	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.228	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C16	37	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.146	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C17	46	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.146	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C18	47	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.235	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C19	48	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.223	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C20	49	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.223	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C21	50	Col Comp 45x45	No Message	(Flex) 0.9D - 0.3Ex + Ey	0.228	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C22	51	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.243	(Flex) 0.9D - 1Ex - 0.3Ex	0.337
Story1	C23	52	Col Comp 45x45	No Message	(Flex) 0.9D - 1Ex - 0.3Ex	0.164	(Flex) 0.9D - 1Ex - 0.3Ex	0.337

Table 6.4 - Concrete Joint Summary - ACI 318-08 (Part 2 of 3)

Story	Label	Unique Name	B/C Minor Ratio	JS Major Ratio	JS Minor Combo	JS Minor Ratio
Story2	C1	21	0.481	0.304	(Flex) 0.9D - 0.3Ex + Ey	0.34
Story2	C2	22	0.609	0.378	(Flex) 0.9D - 0.3Ex + Ey	0.461
Story2	C3	23	0.612	0.355	(Flex) 0.9D - 0.3Ex + Ey	0.463
Story2	C4	25	0.604	0.353	(Flex) 0.9D - 0.3Ex + Ey	0.457
Story2	C5	26	0.577	0.353	(Flex) 0.9D - 0.3Ex + Ey	0.435
Story2	C6	27	0.632	0.373	(Flex) 0.9D - 0.3Ex + Ey	0.4
Story2	C7	28	0.46	0.31	(Flex) 0.9D - 0.3Ex + Ey	0.339
Story2	C8	29	0.666	0.362	(Flex) 0.9D - 0.3Ex + Ey	0.496
Story2	C9	30	0.758	0.389	(Flex) 0.9D - 0.3Ex + Ey	0.573
Story2	C10	39	0.772	0.387	(Flex) 0.9D - 0.3Ex + Ey	0.563
Story2	C11	40	0.759	0.402	(Flex) 0.9D - 0.3Ex + Ey	0.574
Story2	C12	41	0.725	0.426	(Flex) 0.9D - 0.3Ex + Ey	0.547
Story2	C13	42	0.685	0.425	(Flex) 0.9D - 0.3Ex + Ey	0.512
Story2	C14	43	0.425	0.4	(Flex) 0.9D - 0.3Ex + Ey	0.316
Story2	C15	44	0.425	0.357	(Flex) 0.9D - 0.3Ex + Ey	0.315
Story2	C16	45	0.431	0.278	(Flex) 0.9D - 0.3Ex + Ey	0.34
Story2	C17	54	0.46	0.359	(Flex) 0.9D - 0.3Ex + Ey	0.457
Story2	C18	55	0.604	0.337	(Flex) 0.9D - 0.3Ex + Ey	0.489
Story2	C19	56	0.600	0.34	(Flex) 0.9D - 0.3Ex + Ey	0.452
Story2	C20	57	0.598			

Story	Label	Unique Name	B/C Minor Ratio	JS Major Combo	JS Major Ratio	JS Minor Combo	JS Minor Ratio
Story2	C21	58	0.574	(Flex) 0.9D - 0.3Ex + Ey	0.347	(Flex) 0.9D - 0.3Ex + Ey	0.433
Story2	C22	59	0.475	(Flex) 0.9D - 0.3Ex + Ey	0.321	(Flex) 0.9D - 0.3Ex + Ey	0.363
Story2	C23	60	0.454	(Flex) 0.9D - 0.3Ex + Ey	0.278	(Flex) 0.9D - 0.3Ex + Ey	0.347
Story1	C1	13	0.445	(Flex) 0.9D - 0.3Ex + Ey	0.172	(Flex) 0.9D - 0.3Ex + Ey	0.578
Story1	C2	14	0.77	(Flex) 0.9D - 0.3Ex + Ey	0.262	(Flex) 0.9D - 0.3Ex + Ey	0.578
Story1	C3	15	0.728	(Flex) 0.9D - 0.3Ex + Ey	0.271	(Flex) 0.9D - 0.3Ex + Ey	0.54
Story1	C4	16	0.716	(Flex) 0.9D - 0.3Ex + Ey	0.273	(Flex) 0.9D - 0.3Ex + Ey	0.559
Story1	C5	17	0.704	(Flex) 0.9D - 0.3Ex + Ey	0.281	(Flex) 0.9D - 0.3Ex + Ey	0.519
Story1	C6	18	0.733	(Flex) 0.9D - 0.3Ex + Ey	0.27	(Flex) 0.9D - 0.3Ex + Ey	0.546
Story1	C7	19	0.432	(Flex) 0.9D - 0.3Ex + Ey	0.175	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C8	20	0.432	(Flex) 0.9D - 0.3Ex + Ey	0.172	(Flex) 0.9D - 0.3Ex + Ey	0.337
Story1	C9	30	0.827	(Flex) 0.9D - 0.3Ex + Ey	0.296	(Flex) 0.9D - 0.3Ex + Ey	0.697
Story1	C10	31	1.848	(Flex) 0.9D - 0.3Ex + Ey	0.282	(Flex) 0.9D - 0.3Ex + Ey	1.395
Story1	C11	32	1.571	(Flex) 0.9D - 0.3Ex + Ey	0.282	(Flex) 0.9D - 0.3Ex + Ey	1.302
Story1	C12	33	1.557	(Flex) 0.9D - 0.3Ex + Ey	0.283	(Flex) 0.9D - 0.3Ex + Ey	1.302
Story1	C13	34	1.55	(Flex) 0.9D - 0.3Ex + Ey	0.284	(Flex) 0.9D - 0.3Ex + Ey	1.287
Story1	C14	35	1.478	(Flex) 0.9D - 0.3Ex + Ey	0.321	(Flex) 0.9D - 0.3Ex + Ey	1.216
Story1	C15	36	0.308	(Flex) 0.9D - 0.3Ex + Ey	0.347	(Flex) 0.9D - 0.3Ex + Ey	0.283
Story1	C16	37	0.448	(Flex) 0.9D - 0.3Ex + Ey	0.189	(Flex) 0.9D - 0.3Ex + Ey	0.428
Story1	C17	46	0.428	(Flex) 0.9D - 0.3Ex + Ey	0.186	(Flex) 0.9D - 0.3Ex + Ey	0.334
Story1	C18	47	0.738	(Flex) 0.9D - 0.3Ex + Ey	0.278	(Flex) 0.9D - 0.3Ex + Ey	0.55
Story1	C19	48	0.695	(Flex) 0.9D - 0.3Ex + Ey	0.263	(Flex) 0.9D - 0.3Ex + Ey	0.511
Story1	C20	49	0.684	(Flex) 0.9D - 0.3Ex + Ey	0.266	(Flex) 0.9D - 0.3Ex + Ey	0.502
Story1	C21	50	0.68	(Flex) 0.9D - 0.3Ex + Ey	0.27	(Flex) 0.9D - 0.3Ex + Ey	0.469
Story1	C22	51	0.571	(Flex) 0.9D - 0.3Ex + Ey	0.281	(Flex) 0.9D - 1Ex - 0.3Ex	0.367
Story1	C23	52	0.323	(Flex) 0.9D - 0.3Ex + Ey	0.182	(Flex) 0.9D - 0.3Ex + Ey	0.237

Table 6.4 - Concrete Joint Summary - ACI 318-08 (Part 3 of 3)

Story	Label	Unique Name	Warnings	Errors
Story2	C1	21	No Message	No Message
Story2	C2	22	No Message	No Message
Story2	C3	23	No Message	No Message
Story2	C4	25	No Message	No Message
Story2	C5	26	No Message	No Message
Story2	C6	27	No Message	No Message
Story2	C7	28	No Message	No Message
Story2	C8	29	No Message	No Message
Story2	C9	30	No Message	No Message
Story2	C10	39	No Message	No Message
Story2	C11	40	No Message	No Message
Story2	C12	41	No Message	No Message
Story2	C13	42	No Message	No Message
Story2	C14	43	No Message	No Message
Story2	C15	44	No Message	No Message
Story2	C16	45	No Message	No Message
Story2	C17	54	No Message	No Message
Story2	C18	55	No Message	No Message
Story2	C19	56	No Message	No Message
Story2	C20	57	No Message	No Message
Story2	C21	58	No Message	No Message
Story2	C22	59	No Message	No Message
Story2	C23	60	No Message	No Message
Story1	C1	13	No Message	No Message
Story1	C2	14	No Message	No Message
Story1	C3	15	No Message	No Message

Design Data

Story	Label	Unique Name	Warnings	Errors
Story1	C4	16	No Message	No Message
Story1	C5	17	No Message	No Message
Story1	C6	18	No Message	No Message
Story1	C8	20	No Message	No Message
Story1	C9	30	No Message	No Message
Story1	C10	31	Beam/Column capacity ratio exceeds limitJoint shear ratio exceeds limit	No Message
Story1	C11	32	Beam/Column capacity ratio exceeds limitJoint shear ratio exceeds limit	No Message
Story1	C12	33	Beam/Column capacity ratio exceeds limitJoint shear ratio exceeds limit	No Message
Story1	C13	34	Beam/Column capacity ratio exceeds limitJoint shear ratio exceeds limit	No Message
Story1	C14	35	Beam/Column capacity ratio exceeds limitJoint shear ratio exceeds limit	No Message
Story1	C15	36	No Message	No Message
Story1	C16	37	No Message	No Message
Story1	C17	46	No Message	No Message
Story1	C18	47	No Message	No Message
Story1	C18	48	No Message	No Message
Story1	C20	48	No Message	No Message
Story1	C21	50	No Message	No Message
Story1	C22	51	No Message	No Message
Story1	C23	52	No Message	No Message