

Name	A33 m2	S33Pos m3	S33Neg m3	S22Pos m3	S22Neg m3	Z33 m3	Z22 m3	R33 m	R22 m	Cw m6
B200x500	0.0833	0.008333	0.008333	0.003333	0.003333	0.0125	0.005	0.14434	0.05774	
B250x600	0.125	0.0125	0.0125	0.00625	0.00625	0.0225	0.009375	0.17321	0.07217	
C100x50x5x7	0.0068	3.6E-05	3.6E-05	1.7E-05	8E-06	4.2E-05	1.5E-05	0.03971	0.01579	4.298E-10
C125x65x6x8	0.0069	6.7E-05	6.7E-05	3.4E-05	1.6E-05	7.9E-05	3E-05	0.04987	0.02058	1.721E-09
C150x75x6.5x10	0.0013	0.000114	0.000114	5.3E-05	2.7E-05	0.000132	4.8E-05	0.05039	0.02391	4.629E-09
C300x300	0.075	0.0045	0.0045	0.0045	0.0045	0.00675	0.00675	0.0866	0.0866	
C450x450	0.1887	0.015188	0.015188	0.015188	0.015188	0.022781	0.022781	0.1299	0.1299	
ConcBm	0.1562	0.015625	0.015625	0.011719	0.011719	0.023436	0.017578	0.14434	0.10825	
ConcCol	0.1172	0.008789	0.008789	0.008789	0.008789	0.013184	0.013184	0.10625	0.10625	
Pipe 101.6x4	0.0008	2.9E-05	2.9E-05	2.9E-05	2.9E-05	3.8E-05	3.8E-05	0.03454	0.03454	
Pipe 114.3x3.6	0.0008	3.4E-05	3.4E-05	3.4E-05	3.4E-05	4.4E-05	4.4E-05	0.03918	0.03918	
Pipe 34.0x2.3	0.0001	2E-06	2E-06	2E-06	2E-06	2E-06	0.01124	0.01124		
Pipe 42.7x2.3	0.0001	3E-06	3E-06	3E-06	3E-06	4E-06	0.01431	0.01431		
Pipe 42.7x2.8	0.0002	3E-06	3E-06	3E-06	3E-06	4E-06	0.01414	0.01414		
Pipe 48.6x2.3	0.0002	4E-06	4E-06	4E-06	4E-06	5E-06	0.01939	0.01939		
Pipe 48.6x2.8	0.0002	4E-06	4E-06	4E-06	4E-06	5E-06	0.01939	0.01939		
Pipe 60.5x2.3	0.0002	5E-06	5E-06	5E-06	5E-06	6E-06	0.02059	0.02059		
Pipe 60.5x2.8	0.0003	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.5E-05	0.02601	0.02601		
Pipe 89.1x2.8	0.0004	1.6E-05	1.6E-05	1.6E-05	1.6E-05	2.1E-05	0.03053	0.03053		
Pipe 89.1x3.2	0.0004	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.4E-05	0.03039	0.03039		
SteelBm	0.0037	0.001214	0.001214	0.000116	0.000116	0.001368	0.00178	0.20622	0.03678	1E-06
SteelCol	0.0223	0.006026	0.006026	0.002084	0.002084	0.00657	0.003143	0.22178	0.13042	2.9E-05
Tube 100x50x2.3	0.0002	1.8E-05	1.8E-05	1.2E-05	1.2E-05	2.2E-05	1.3E-05	0.03631	0.02211	
Tube 125x125x4.5	0.0011	8.4E-05	8.4E-05	8.4E-05	8.4E-05	9.8E-05	9.8E-05	0.04923	0.04923	
Tube 125x40x3.2	0.0011	8.4E-05	8.4E-05	8.4E-05	8.4E-05	9.8E-05	9.8E-05	0.04923	0.04923	
Tube 150x150x4.5	0.0013	0.000123	0.000123	0.000123	0.000123	0.000143	0.000143	0.05943	0.05943	

Table 2.2 - Frame Section Property Definitions - Summary (Part 3 of 4)

Name	CG Offset m	CG Offset 2 m	PNA Offset 3 m	PNA Offset 2 m	SC Offset 3 m	SC Offset 2 m	Area Modifier	A32 Modifier	A33 Modifier	J Modifier
B200x500	0	0	0	0	0	0	1	1	1	1
B250x600	0	0	0	0	0	0	1	1	1	1
C100x50x5x7	0.00856	0	0.01536	0	0.04176	0	1	1	1	1
C125x65x6x8	0.01139	0	0.02044	0	0.05458	0	1	1	1	1
C150x75x6.5x10	0.01234	0	0.02112	0	0.06366	0	1	1	1	1
C300x300	0	0	0	0	0	0	1	1	1	1
C450x450	0	0	0	0	0	0	1	1	1	1
ConcBm	0	0	0	0	0	0	1	1	1	1
ConcCol	0	0	0	0	0	0	1	1	1	1
Pipe 101.6x4	0	0	0	0	0	0	1	1	1	1
Pipe 114.3x3.6	0	0	0	0	0	0	1	1	1	1
Pipe 34.0x2.3	0	0	0	0	0	0	1	1	1	1
Pipe 42.7x2.3	0	0	0	0	0	0	1	1	1	1
Pipe 42.7x2.8	0	0	0	0	0	0	1	1	1	1
Pipe 48.6x2.3	0	0	0	0	0	0	1	1	1	1
Pipe 48.6x2.8	0	0	0	0	0	0	1	1	1	1
Pipe 60.5x2.3	0	0	0	0	0	0	1	1	1	1
Pipe 60.5x2.8	0	0	0	0	0	0	1	1	1	1
Pipe 89.1x2.8	0	0	0	0	0	0	1	1	1	1
Pipe 89.1x3.2	0	0	0	0	0	0	1	1	1	1
SteelBm	0	0	0	0	0	0	1	1	1	1
SteelCol	0	0	0	0	0	0	1	1	1	1
Tube 100x50x2.3	0	0	0	0	0	0	1	1	1	1
Tube 125x125x4.5	0	0	0	0	0	0	1	1	1	1
Tube 125x40x3.2	0	0	0	0	0	0	1	1	1	1
Tube 150x150x4.5	0	0	0	0	0	0	1	1	1	1

Table 2.2 - Frame Section Property Definitions - Summary (Part 4 of 4)

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2.3 Shell Sections

Table 2.3 - Area Section Property Definitions - Summary

Name	Type	Element Type	Material	Total Thickness m	Deck Material	Deck Depth m
Deck1	Deck	Membrane	4000Psi	0.1625	A992Fy50	0.075
HC150	Slab	Membrane	C320	0.13		
S150	Slab	Shell-Thin	4000Psi	0.15		
S175	Slab	Shell-Thin	4000Psi	0.175		
S250	Slab	Shell-Thin	4000Psi	0.25		
S400	Slab	Shell-Thin	4000Psi	0.4		
S450	Slab	Shell-Thin	4000Psi	0.45		
S600	Slab	Shell-Thin	4000Psi	0.6		
S700	Slab	Shell-Thin	4000Psi	0.7		
Slab1	Slab	Shell-Thin	4000Psi	0.2		
Wall1	Wall	Shell-Thin	4000Psi	0.25		

2.4 Reinforcement Sizes

Table 2.4 - Reinforcing Bar Sizes

Name	Diameter m	Area m2
6	0.008	2.83E-05
8	0.008	0.0001
10	0.01	0.0001
12	0.012	0.0001
14	0.014	0.0002
16	0.016	0.0002
18	0.018	0.0003
20	0.02	0.0003
22	0.022	0.0004
25	0.025	0.0005

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Name	Diameter m	Area m2
26	0.026	0.0005
28	0.028	0.0006
32	0.032	0.0008
36	0.036	0.001
40	0.04	0.0013
50	0.05	0.002
9	0.009	0.0001

2.5 Links

Table 2.5 - Link Property Definitions - Summary

Name	Type	Degrees of Freedom	Mass kgf-m2/m	Weight kgf	Defined Length m	Defined Area m2
Link1	Linear	U1	0	0	1	1

2.6 Tendon Sections

Table 2.6 - Tendon Section Properties

Name	Material	StrandArea m2	Color	Notes
Tendon1	A416G-270	0.0001	Blue	

3 Assignments

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

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	UniqueName	Diaphragm	Restraints
Story3	96	258	From Area	
Story3	111	259	From Area	
Story3	112	260	From Area	
Story3	113	261	From Area	
Story3	114	262	From Area	
Story3	115	263	From Area	
Story3	116	266	From Area	
Story3	117	287	From Area	
Story3	118	268	From Area	
Story3	119	269	From Area	
Story3	120	192	From Area	
Story3	121	207	From Area	
Story3	122	264	From Area	
Story3	123	285	From Area	
Story3	124	270	From Area	
Story3	125	271	From Area	
Story3	126	272	From Area	
Story3	127	273	From Area	
Story3	128	274	From Area	
Story3	129	275	From Area	
Story3	130	276	From Area	
Story3	131	277	From Area	
Story3	132	278	From Area	
Story3	133	279	From Area	
Story3	134	280	From Area	
Story3	135	281	From Area	
Story3	136	282	From Area	
Story3	137	283	From Area	
Story3	138	284	From Area	
Story3	139	285	From Area	
Story3	140	286	From Area	
Story3	141	287	From Area	
Story3	142	288	From Area	
Story3	143	289	From Area	
Story3	144	290	From Area	
Story3	145	291	From Area	
Story3	146	292	From Area	
Story3	147	293	From Area	
Story3	148	294	From Area	
Story3	149	295	From Area	
Story3	150	296	From Area	
Story3	151	297	From Area	
Story3	152	298	From Area	
Story3	153	299	From Area	
Story3	154	300	From Area	
Story3	155	301	From Area	
Story3	156	302	From Area	
Story3	157	303	From Area	
Story3	158	304	From Area	
Story3	159	305	From Area	
Story3	160	306	From Area	
Story3	161	307	From Area	
Story3	162	308	From Area	
Story3	163	309	From Area	
Story3	164	310	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	165	311	From Area	
Story3	166	312	From Area	
Story3	167	313	From Area	
Story3	168	314	From Area	
Story3	169	315	From Area	
Story3	170	316	From Area	
Story3	171	317	From Area	
Story3	172	318	From Area	
Story3	173	319	From Area	
Story3	174	320	From Area	
Story3	175	321	From Area	
Story3	176	322	From Area	
Story3	177	323	From Area	
Story3	178	324	From Area	
Story3	179	325	From Area	
Story3	180	326	From Area	
Story3	181	327	From Area	
Story3	182	328	From Area	
Story3	183	329	From Area	
Story3	184	330	From Area	
Story3	185	331	From Area	
Story3	186	332	From Area	
Story3	187	333	From Area	
Story3	188	334	From Area	
Story3	189	335	From Area	
Story3	190	336	From Area	
Story3	191	337	From Area	
Story3	192	338	From Area	
Story3	193	339	From Area	
Story3	194	340	From Area	
Story3	195	341	From Area	
Story3	196	342	From Area	
Story3	197	343	From Area	
Story3	198	344	From Area	
Story3	199	345	From Area	
Story3	200	346	From Area	
Story3	201	347	From Area	
Story3	202	348	From Area	
Story3	203	349	From Area	
Story3	204	350	From Area	
Story3	205	351	From Area	
Story3	206	352	From Area	
Story3	207	353	From Area	
Story3	208	354	From Area	
Story3	209	355	From Area	
Story3	210	356	From Area	
Story3	211	357	From Area	
Story3	212	358	From Area	
Story3	213	359	From Area	
Story3	214	360	From Area	
Story3	215	361	From Area	
Story3	216	362	From Area	
Story3	217	363	From Area	
Story3	218	364	From Area	
Story3	219	365	From Area	
Story3	220	366	From Area	
Story3	221	367	From Area	
Story3	222	368	From Area	
Story3	223	369	From Area	
Story3	224	370	From Area	
Story3	225	371	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	226	372	From Area	
Story3	227	373	From Area	
Story3	228	374	From Area	
Story3	229	375	From Area	
Story3	230	376	From Area	
Story3	231	377	From Area	
Story3	232	378	From Area	
Story3	234	380	From Area	
Story3	235	381	From Area	
Story3	236	382	From Area	
Story3	237	383	From Area	
Story3	238	384	From Area	
Story3	239	385	From Area	
Story3	240	386	From Area	
Story3	241	387	From Area	
Story3	242	388	From Area	
Story3	243	389	From Area	
Story3	244	390	From Area	
Story3	245	391	From Area	
Story3	246	392	From Area	
Story3	247	393	From Area	
Story3	248	394	From Area	
Story3	249	395	From Area	
Story3	250	396	From Area	
Story3	251	397	From Area	
Story3	252	398	From Area	
Story3	253	399	From Area	
Story3	254	400	From Area	
Story3	255	401	From Area	
Story3	256	402	From Area	
Story3	257	403	From Area	
Story3	258	404	From Area	
Story3	259	405	From Area	
Story3	260	406	From Area	
Story3	261	407	From Area	
Story3	262	408	From Area	
Story3	263	409	From Area	
Story3	264	410	From Area	
Story3	265	411	From Area	
Story3	266	412	From Area	
Story3	267	413	From Area	
Story3	268	414	From Area	
Story3	269	415	From Area	
Story3	270	416	From Area	
Story3	271	417	From Area	
Story3	272	418	From Area	
Story3	273	419	From Area	
Story3	274	420	From Area	
Story3	275	421	From Area	
Story3	276	422	From Area	
Story3	277	423	From Area	
Story3	278	424	From Area	
Story3	279	425	From Area	
Story3	280	426	From Area	
Story3	281	427	From Area	
Story3	282	428	From Area	
Story3	283	429	From Area	
Story3	284	430	From Area	
Story3	285	431	From Area	
Story3	286	432	From Area	
Story3	287	433	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	288	434	From Area	
Story3	289	435	From Area	
Story3	290	436	From Area	
Story3	291	437	From Area	
Story3	292	438	From Area	
Story3	293	439	From Area	
Story3	294	440	From Area	
Story3	295	441	From Area	
Story3	296	442	From Area	
Story3	297	443	From Area	
Story3	298	444	From Area	
Story3	299	445	From Area	
Story3	300	446	From Area	
Story3	301	447	From Area	
Story3	302	448	From Area	
Story3	303	449	From Area	
Story3	304	450	From Area	
Story3	305	451	From Area	
Story3	306	452	From Area	
Story3	307	453	From Area	
Story3	308	454	From Area	
Story3	309	455	From Area	
Story3	310	456	From Area	
Story3	311	457	From Area	
Story3	312	458	From Area	
Story3	313	459	From Area	
Story3	314	460	From Area	
Story3	315	461	From Area	
Story3	316	462	From Area	
Story3	317	463	From Area	
Story3	318	464	From Area	
Story3	319	465	From Area	
Story3	320	466	From Area	
Story3	321	467	From Area	
Story3	322	468	From Area	
Story3	323	469	From Area	
Story3	324	470	From Area	
Story3	325	471	From Area	
Story3	326	472	From Area	
Story3	327	473	From Area	
Story3	328	474	From Area	
Story3	329	475	From Area	
Story3	330	476	From Area	
Story3	331	477	From Area	
Story3	332	478	From Area	
Story3	333	479	From Area	
Story3	334	480	From Area	
Story3	335	481	From Area	
Story3	336	482	From Area	
Story3	337	483	From Area	
Story3	338	484	From Area	
Story3	339	485	From Area	
Story3	340	486	From Area	
Story3	341	487	From Area	
Story3	342	488	From Area	
Story3	343	489	From Area	
Story3	344	490	From Area	
Story3	345	491	From Area	
Story3	346	492	From Area	
Story3	347	493	From Area	
Story3	348	494	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	349	495	From Area	
Story3	350	496	From Area	
Story3	351	497	From Area	
Story3	352	498	From Area	
Story3	353	499	From Area	
Story3	354	500	From Area	
Story3	355	501	From Area	
Story3	356	502	From Area	
Story3	357	503	From Area	
Story3	358	504	From Area	
Story3	359	505	From Area	
Story3	360	506	From Area	
Story3	361	507	From Area	
Story3	362	508	From Area	
Story3	363	509	From Area	
Story3	364	510	From Area	
Story3	365	511	From Area	
Story3	366	512	From Area	
Story3	367	513	From Area	
Story3	368	514	From Area	
Story3	369	515	From Area	
Story3	370	516	From Area	
Story3	371	517	From Area	
Story3	372	518	From Area	
Story3	373	519	From Area	
Story3	374	520	From Area	
Story3	375	521	From Area	
Story3	376	522	From Area	
Story3	377	523	From Area	
Story3	378	524	From Area	
Story3	379	525	From Area	
Story3	380	526	From Area	
Story3	381	527	From Area	
Story3	382	528	From Area	
Story3	383	529	From Area	
Story3	384	530	From Area	
Story3	385	531	From Area	
Story3	386	532	From Area	
Story3	387	533	From Area	
Story3	388	534	From Area	
Story3	389	535	From Area	
Story3	390	536	From Area	
Story3	391	537	From Area	
Story3	392	538	From Area	
Story3	393	539	From Area	
Story3	394	540	From Area	
Story3	395	541	From Area	
Story3	396	542	From Area	
Story3	397	543	From Area	
Story3	398	544	From Area	
Story3	399	545	From Area	
Story3	400	546	From Area	
Story3	401	547	From Area	
Story3	402	548	From Area	
Story3	403	549	From Area	
Story3	404	550	From Area	
Story3	405	551	From Area	
Story3	406	552	From Area	
Story3	407	553	From Area	
Story3	408	554	From Area	
Story3	409	555	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	410	556	From Area	
Story3	411	557	From Area	
Story3	412	558	From Area	
Story3	413	559	From Area	
Story3	414	560	From Area	
Story3	415	561	From Area	
Story3	416	562	From Area	
Story3	417	563	From Area	
Story3	418	564	From Area	
Story3	419	565	From Area	
Story3	420	566	From Area	
Story3	421	567	From Area	
Story3	422	568	From Area	
Story3	423	569	From Area	
Story3	424	570	From Area	
Story3	425	571	From Area	
Story3	426	572	From Area	
Story3	427	573	From Area	
Story3	428	574	From Area	
Story3	429	575	From Area	
Story3	430	576	From Area	
Story3	431	577	From Area	
Story3	432	578	From Area	
Story3	433	579	From Area	
Story3	434	580	From Area	
Story3	435	581	From Area	
Story3	436	582	From Area	
Story3	437	583	From Area	
Story3	438	584	From Area	
Story3	439	585	From Area	
Story3	440	586	From Area	
Story3	441	587	From Area	
Story3	442	588	From Area	
Story3	443	589	From Area	
Story3	444	590	From Area	
Story3	445	591	From Area	
Story3	446	592	From Area	
Story3	447	593	From Area	
Story3	448	594	From Area	
Story3	449	595	From Area	
Story3	450	596	From Area	
Story3	451	597	From Area	
Story3	452	598	From Area	
Story3	453	599	From Area	
Story3	454	600	From Area	
Story3	455	601	From Area	
Story3	456	602	From Area	
Story3	457	603	From Area	
Story3	458	604	From Area	
Story3	459	605	From Area	
Story3	460	606	From Area	
Story3	461	607	From Area	
Story3	462	608	From Area	
Story3	463	609	From Area	
Story3	464	610	From Area	
Story3	465	611	From Area	
Story3	466	612	From Area	
Story3	467	613	From Area	
Story3	468	614	From Area	
Story3	469	615	From Area	
Story3	470	616	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	471	617	From Area	
Story3	472	618	From Area	
Story3	473	619	From Area	
Story3	474	620	From Area	
Story3	475	621	From Area	
Story3	476	622	From Area	
Story3	477	623	From Area	
Story3	478	624	From Area	
Story3	479	625	From Area	
Story3	480	626	From Area	
Story3	481	627	From Area	
Story3	482	628	From Area	
Story3	483	629	From Area	
Story3	484	630	From Area	
Story3	485	631	From Area	
Story3	486	632	From Area	
Story3	487	633	From Area	
Story3	488	634	From Area	
Story3	489	635	From Area	
Story3	490	636	From Area	
Story3	491	637	From Area	
Story3	492	638	From Area	
Story3	493	639	From Area	
Story3	494	640	From Area	
Story3	495	641	From Area	
Story3	496	642	From Area	
Story3	497	643	From Area	
Story3	498	644	From Area	
Story3	499	645	From Area	
Story3	500	646	From Area	
Story3	501	647	From Area	
Story3	502	648	From Area	
Story3	503	649	From Area	
Story3	504	650	From Area	
Story3	505	651	From Area	
Story3	506	652	From Area	
Story3	507	653	From Area	
Story3	508	654	From Area	
Story3	509	655	From Area	
Story3	510	656	From Area	
Story3	511	657	From Area	
Story3	512	658	From Area	
Story3	513	659	From Area	
Story3	514	660	From Area	
Story3	515	661	From Area	
Story3	516	662	From Area	
Story3	517	663	From Area	
Story3	518	664	From Area	
Story3	519	665	From Area	
Story3	520	666	From Area	
Story3	521	667	From Area	
Story3	522	668	From Area	
Story3	523	669	From Area	
Story3	524	670	From Area	
Story3	525	671	From Area	
Story3	526	672	From Area	
Story3	527	673	From Area	
Story3	528	674	From Area	
Story3	529	675	From Area	
Story3	530	676	From Area	
Story3	531	677	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	532	678	From Area	
Story3	533	679	From Area	
Story3	534	680	From Area	
Story3	535	681	From Area	
Story3	536	682	From Area	
Story3	537	683	From Area	
Story3	538	684	From Area	
Story3	539	685	From Area	
Story3	540	686	From Area	
Story3	541	687	From Area	
Story3	542	688	From Area	
Story3	543	689	From Area	
Story3	544	690	From Area	
Story3	545	691	From Area	
Story3	546	692	From Area	
Story3	547	693	From Area	
Story3	548	694	From Area	
Story3	549	695	From Area	
Story3	550	696	From Area	
Story3	551	697	From Area	
Story3	552	698	From Area	
Story3	553	699	From Area	
Story3	554	700	From Area	
Story3	555	701	From Area	
Story3	556	702	From Area	
Story3	557	703	From Area	
Story3	558	704	From Area	
Story3	559	705	From Area	
Story3	560	706	From Area	
Story3	561	707	From Area	
Story3	562	708	From Area	
Story3	563	709	From Area	
Story3	564	710	From Area	
Story3	565	711	From Area	
Story3	566	712	From Area	
Story3	567	713	From Area	
Story3	568	714	From Area	
Story3	569	715	From Area	
Story3	570	716	From Area	
Story3	571	717	From Area	
Story3	572	718	From Area	
Story3	573	719	From Area	
Story3	574	720	From Area	
Story3	575	721	From Area	
Story3	576	722	From Area	
Story3	577	723	From Area	
Story3	578	724	From Area	
Story3	579	725	From Area	
Story3	580	726	From Area	
Story3	581	727	From Area	
Story3	582	728	From Area	
Story3	583	729	From Area	
Story3	584	730	From Area	
Story3	585	731	From Area	
Story3	586	732	From Area	
Story3	587	733	From Area	
Story3	588	734	From Area	
Story3	589	735	From Area	
Story3	590	736	From Area	
Story3	591	737	From Area	
Story3	592	738	From Area	

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วิศวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เสงจินตริกษ์ วย.1754

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	593	739	From Area	
Story3	594	740	From Area	
Story3	595	741	From Area	
Story3	596	742	From Area	
Story3	597	743	From Area	
Story3	598	744	From Area	
Story3	599	745	From Area	
Story3	600	746	From Area	
Story3	601	747	From Area	
Story3	602	748	From Area	
Story3	603	749	From Area	
Story3	604	750	From Area	
Story3	605	751	From Area	
Story3	606	752	From Area	
Story3	607	753	From Area	
Story3	608	754	From Area	
Story3	609	755	From Area	
Story3	610	756	From Area	
Story3	611	757	From Area	
Story3	612	758	From Area	
Story3	613	759	From Area	
Story3	614	760	From Area	
Story3	615	761	From Area	
Story3	616	762	From Area	
Story3	617	763	From Area	
Story3	618	764	From Area	
Story3	619	765	From Area	
Story3	620	766	From Area	
Story3	621	767	From Area	
Story3	622	768	From Area	
Story3	623	769	From Area	
Story3	624	770	From Area	
Story3	625	771	From Area	
Story3	626	772	From Area	
Story3	627	773	From Area	
Story3	628	774	From Area	
Story3	629	775	From Area	
Story3	630	776	From Area	
Story3	631	777	From Area	
Story3	632	778	From Area	
Story3	633	779	From Area	
Story3	634	780	From Area	
Story3	635	781	From Area	
Story3	636	782	From Area	
Story3	637	783	From Area	
Story3	638	784	From Area	
Story3	639	785	From Area	
Story3	640	786	From Area	
Story3	641	787	From Area	
Story3	642	788	From Area	
Story3	643	789	From Area	
Story3	644	790	From Area	
Story3	645	791	From Area	
Story3	646	792	From Area	
Story3	647	793	From Area	
Story3	648	794	From Area	
Story3	649	795	From Area	
Story3	650	796	From Area	
Story3	651	797	From Area	
Story3	652	798	From Area	
Story3	653	799	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	654	800	From Area	
Story3	655	801	From Area	
Story3	656	802	From Area	
Story3	657	803	From Area	
Story3	658	804	From Area	
Story3	659	805	From Area	
Story3	660	806	From Area	
Story3	661	807	From Area	
Story3	662	808	From Area	
Story3	663	809	From Area	
Story3	664	810	From Area	
Story3	665	811	From Area	
Story3	666	812	From Area	
Story3	667	813	From Area	
Story3	668	814	From Area	
Story3	669	815	From Area	
Story3	670	816	From Area	
Story3	671	817	From Area	
Story3	672	818	From Area	
Story3	673	819	From Area	
Story3	674	820	From Area	
Story3	675	821	From Area	
Story3	676	822	From Area	
Story3	677	823	From Area	
Story3	678	824	From Area	
Story3	679	825	From Area	
Story3	680	826	From Area	
Story3	681	827	From Area	
Story3	682	828	From Area	
Story3	683	829	From Area	
Story3	684	830	From Area	
Story3	685	831	From Area	
Story3	686	832	From Area	
Story3	687	833	From Area	
Story3	688	834	From Area	
Story3	689	835	From Area	
Story3	690	836	From Area	
Story3	691	837	From Area	
Story3	692	838	From Area	
Story3	693	839	From Area	
Story3	694	840	From Area	
Story3	695	841	From Area	
Story3	696	842	From Area	
Story3	697	843	From Area	
Story3	698	844	From Area	
Story3	699	845	From Area	
Story3	700	846	From Area	
Story3	701	847	From Area	
Story3	702	848	From Area	
Story3	703	849	From Area	
Story3	704	850	From Area	
Story3	705	851	From Area	
Story3	706	852	From Area	
Story3	707	853	From Area	
Story3	708	854	From Area	
Story3	709	855	From Area	
Story3	710	856	From Area	
Story3	711	857	From Area	
Story3	712	858	From Area	
Story3	713	859	From Area	
Story3	714	860	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	715	861	From Area	
Story3	716	862	From Area	
Story3	717	863	From Area	
Story3	718	864	From Area	
Story3	719	865	From Area	
Story3	720	866	From Area	
Story3	721	867	From Area	
Story3	722	868	From Area	
Story3	723	869	From Area	
Story3	724	870	From Area	
Story3	725	871	From Area	
Story3	726	872	From Area	
Story3	727	873	From Area	
Story3	728	874	From Area	
Story3	729	875	From Area	
Story3	730	876	From Area	
Story3	731	877	From Area	
Story3	732	878	From Area	
Story3	733	879	From Area	
Story3	734	880	From Area	
Story3	735	881	From Area	
Story3	736	882	From Area	
Story3	737	883	From Area	
Story3	738	884	From Area	
Story3	739	885	From Area	
Story3	740	886	From Area	
Story3	741	887	From Area	
Story3	742	888	From Area	
Story3	743	889	From Area	
Story3	744	890	From Area	
Story3	745	891	From Area	
Story3	746	892	From Area	
Story3	747	893	From Area	
Story3	748	894	From Area	
Story3	749	895	From Area	
Story3	750	896	From Area	
Story3	751	897	From Area	
Story3	752	898	From Area	
Story3	753	899	From Area	
Story3	754	900	From Area	
Story3	755	901	From Area	
Story3	756	902	From Area	
Story3	757	903	From Area	
Story3	758	904	From Area	
Story3	759	905	From Area	
Story3	760	906	From Area	
Story3	761	907	From Area	
Story3	762	908	From Area	
Story3	763	909	From Area	
Story3	764	910	From Area	
Story3	765	911	From Area	
Story3	766	912	From Area	
Story3	767	913	From Area	
Story3	768	914	From Area	
Story3	769	915	From Area	
Story3	770	916	From Area	
Story3	771	917	From Area	
Story3	772	918	From Area	
Story3	773	919	From Area	
Story3	774	920	From Area	
Story3	775	921	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	776	922	From Area	
Story3	777	923	From Area	
Story3	778	924	From Area	
Story3	779	925	From Area	
Story3	780	926	From Area	
Story3	781	927	From Area	
Story3	782	928	From Area	
Story3	783	929	From Area	
Story3	784	930	From Area	
Story3	785	931	From Area	
Story3	786	932	From Area	
Story3	787	933	From Area	
Story3	788	934	From Area	
Story3	789	935	From Area	
Story3	790	936	From Area	
Story3	791	937	From Area	
Story3	792	938	From Area	
Story3	793	939	From Area	
Story3	794	940	From Area	
Story3	795	941	From Area	
Story3	796	942	From Area	
Story3	797	943	From Area	
Story3	798	944	From Area	
Story3	799	945	From Area	
Story3	800	946	From Area	
Story3	801	947	From Area	
Story3	802	948	From Area	
Story3	803	949	From Area	
Story3	804	950	From Area	
Story3	805	951	From Area	
Story3	806	952	From Area	
Story3	807	953	From Area	
Story3	808	954	From Area	
Story3	809	955	From Area	
Story3	810	956	From Area	
Story3	811	957	From Area	
Story3	812	958	From Area	
Story3	813	959	From Area	
Story3	814	960	From Area	
Story3	815	961	From Area	
Story3	816	962	From Area	
Story3	817	963	From Area	
Story3	818	964	From Area	
Story3	819	965	From Area	
Story3	820	966	From Area	
Story3	821	967	From Area	
Story3	822	968	From Area	
Story3	823	969	From Area	
Story3	824	970	From Area	
Story3	825	971	From Area	
Story3	826	972	From Area	
Story3	827	973	From Area	
Story3	828	974	From Area	
Story3	829	975	From Area	
Story3	830	976	From Area	
Story3	831	977	From Area	
Story3	832	978	From Area	
Story3	833	979	From Area	
Story3	834	980	From Area	
Story3	835	981	From Area	
Story3	836	982	From Area	

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วิศวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เจริญศรีชัย วช.1754

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	837	983	From Area	
Story3	838	984	From Area	
Story3	839	985	From Area	
Story3	840	986	From Area	
Story3	841	987	From Area	
Story3	842	988	From Area	
Story3	843	989	From Area	
Story3	844	990	From Area	
Story3	845	991	From Area	
Story3	846	992	From Area	
Story3	847	993	From Area	
Story3	848	994	From Area	
Story3	849	995	From Area	
Story3	850	996	From Area	
Story3	851	997	From Area	
Story3	852	998	From Area	
Story3	853	999	From Area	
Story3	854	1000	From Area	
Story3	855	1001	From Area	
Story3	856	1002	From Area	
Story3	857	1003	From Area	
Story3	858	1004	From Area	
Story3	859	1005	From Area	
Story3	860	1006	From Area	
Story3	861	1007	From Area	
Story3	862	1008	From Area	
Story3	863	1009	From Area	
Story3	864	1010	From Area	
Story3	865	1011	From Area	
Story3	866	1012	From Area	
Story3	867	1013	From Area	
Story3	868	1014	From Area	
Story3	869	1015	From Area	
Story3	870	1016	From Area	
Story3	871	1017	From Area	
Story3	872	1018	From Area	
Story3	873	1019	From Area	
Story3	874	1020	From Area	
Story3	875	1021	From Area	
Story3	876	1022	From Area	
Story3	877	1023	From Area	
Story3	878	1024	From Area	
Story3	879	1025	From Area	
Story3	880	1026	From Area	
Story3	881	1027	From Area	
Story3	882	1028	From Area	
Story3	883	1029	From Area	
Story3	884	1030	From Area	
Story3	885	1031	From Area	
Story3	886	1032	From Area	
Story3	887	1033	From Area	
Story3	888	1034	From Area	
Story3	889	1035	From Area	
Story3	890	1036	From Area	
Story3	891	1037	From Area	
Story3	892	1038	From Area	
Story3	893	1039	From Area	
Story3	894	1040	From Area	
Story3	895	1041	From Area	
Story3	896	1042	From Area	
Story3	897	1043	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	898	1044	From Area	
Story3	899	1045	From Area	
Story3	900	1046	From Area	
Story3	901	1047	From Area	
Story3	902	1048	From Area	
Story3	903	1049	From Area	
Story3	904	1050	From Area	
Story3	905	1051	From Area	
Story3	906	1052	From Area	
Story3	907	1053	From Area	
Story3	908	1054	From Area	
Story3	909	1055	From Area	
Story3	910	1056	From Area	
Story3	911	1057	From Area	
Story3	912	1058	From Area	
Story3	913	1059	From Area	
Story3	914	1060	From Area	
Story3	915	1061	From Area	
Story3	916	1062	From Area	
Story3	917	1063	From Area	
Story3	918	1064	From Area	
Story3	919	1065	From Area	
Story3	920	1066	From Area	
Story3	921	1067	From Area	
Story3	922	1068	From Area	
Story3	923	1069	From Area	
Story3	924	1070	From Area	
Story3	925	1071	From Area	
Story3	926	1072	From Area	
Story3	927	1073	From Area	
Story3	928	1076	From Area	
Story3	929	1077	From Area	
Story3	930	1078	From Area	
Story3	931	1079	From Area	
Story3	932	1080	From Area	
Story3	933	1081	From Area	
Story3	934	1082	From Area	
Story3	935	1083	From Area	
Story3	936	1084	From Area	
Story3	937	1085	From Area	
Story3	938	1086	From Area	
Story3	939	1087	From Area	
Story3	940	1088	From Area	
Story3	941	1089	From Area	
Story3	942	1090	From Area	
Story3	943	1091	From Area	
Story3	944	1092	From Area	
Story3	945	1093	From Area	
Story3	946	1094	From Area	
Story3	947	1095	From Area	
Story3	948	1096	From Area	
Story3	949	1097	From Area	
Story3	950	1098	From Area	
Story3	951	1099	From Area	
Story3	952	1100	From Area	
Story3	953	1101	From Area	
Story3	954	1102	From Area	
Story3	955	1103	From Area	
Story3	956	1104	From Area	
Story3	957	1105	From Area	
Story3	958	1106	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	959	1107	From Area	
Story3	960	1108	From Area	
Story3	961	1109	From Area	
Story3	962	1110	From Area	
Story3	963	1111	From Area	
Story3	964	1112	From Area	
Story3	965	1113	From Area	
Story3	966	1114	From Area	
Story3	967	1115	From Area	
Story3	968	1116	From Area	
Story3	969	1117	From Area	
Story3	970	1118	From Area	
Story3	971	1119	From Area	
Story3	972	1120	From Area	
Story3	973	1121	From Area	
Story3	974	1122	From Area	
Story3	975	1123	From Area	
Story3	976	1124	From Area	
Story3	977	1125	From Area	
Story3	978	1126	From Area	
Story3	979	1127	From Area	
Story3	980	1128	From Area	
Story3	981	1129	From Area	
Story3	982	1130	From Area	
Story3	983	1131	From Area	
Story3	984	1132	From Area	
Story3	985	1133	From Area	
Story3	986	1134	From Area	
Story3	987	1135	From Area	
Story3	988	1136	From Area	
Story3	989	1137	From Area	
Story3	990	1138	From Area	
Story3	991	1139	From Area	
Story3	992	1140	From Area	
Story3	993	1141	From Area	
Story3	994	1142	From Area	
Story3	995	1143	From Area	
Story3	996	1144	From Area	
Story3	997	1145	From Area	
Story3	998	1146	From Area	
Story3	999	1147	From Area	
Story3	1000	1148	From Area	
Story3	1001	1149	From Area	
Story3	1002	1150	From Area	
Story3	1003	1151	From Area	
Story3	1004	1152	From Area	
Story3	1005	1153	From Area	
Story3	1006	1154	From Area	
Story3	1007	1155	From Area	
Story3	1008	1156	From Area	
Story3	1009	1157	From Area	
Story3	1010	1158	From Area	
Story3	1011	1159	From Area	
Story3	1012	1160	From Area	
Story3	1013	1161	From Area	
Story3	1014	1162	From Area	
Story3	1015	1163	From Area	
Story3	1016	1164	From Area	
Story3	1017	1165	From Area	
Story3	1018	1166	From Area	
Story3	1019	1167	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1020	1168	From Area	
Story3	1021	1169	From Area	
Story3	1022	1170	From Area	
Story3	1023	1171	From Area	
Story3	1024	1172	From Area	
Story3	1025	1173	From Area	
Story3	1026	1174	From Area	
Story3	1027	1175	From Area	
Story3	1028	1176	From Area	
Story3	1029	1177	From Area	
Story3	1030	1178	From Area	
Story3	1031	1179	From Area	
Story3	1032	1180	From Area	
Story3	1033	1181	From Area	
Story3	1034	1182	From Area	
Story3	1035	1183	From Area	
Story3	1036	1184	From Area	
Story3	1037	1185	From Area	
Story3	1038	1186	From Area	
Story3	1039	1187	From Area	
Story3	1040	1188	From Area	
Story3	1041	1189	From Area	
Story3	1042	1190	From Area	
Story3	1043	1191	From Area	
Story3	1044	1192	From Area	
Story3	1045	1193	From Area	
Story3	1046	1194	From Area	
Story3	1047	1195	From Area	
Story3	1048	1196	From Area	
Story3	1049	1197	From Area	
Story3	1050	1198	From Area	
Story3	1051	1199	From Area	
Story3	1052	1200	From Area	
Story3	1053	1201	From Area	
Story3	1054	1202	From Area	
Story3	1055	1203	From Area	
Story3	1056	1204	From Area	
Story3	1057	1205	From Area	
Story3	1058	1206	From Area	
Story3	1059	1207	From Area	
Story3	1060	1208	From Area	
Story3	1061	1209	From Area	
Story3	1062	1210	From Area	
Story3	1063	1211	From Area	
Story3	1064	1212	From Area	
Story3	1065	1213	From Area	
Story3	1066	1214	From Area	
Story3	1067	1215	From Area	
Story3	1068	1216	From Area	
Story3	1069	1217	From Area	
Story3	1070	1218	From Area	
Story3	1071	1219	From Area	
Story3	1072	1220	From Area	
Story3	1073	1221	From Area	
Story3	1074	1222	From Area	
Story3	1075	1223	From Area	
Story3	1076	1224	From Area	
Story3	1077	1225	From Area	
Story3	1078	1226	From Area	
Story3	1079	1227	From Area	
Story3	1080	1228	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1081	1229	From Area	
Story3	1082	1230	From Area	
Story3	1083	1231	From Area	
Story3	1084	1232	From Area	
Story3	1085	1233	From Area	
Story3	1086	1234	From Area	
Story3	1087	1235	From Area	
Story3	1088	1236	From Area	
Story3	1089	1237	From Area	
Story3	1090	1238	From Area	
Story3	1091	1239	From Area	
Story3	1092	1240	From Area	
Story3	1093	1241	From Area	
Story3	1094	1242	From Area	
Story3	1095	1243	From Area	
Story3	1096	1244	From Area	
Story3	1097	1245	From Area	
Story3	1098	1246	From Area	
Story3	1099	1247	From Area	
Story3	1100	1248	From Area	
Story3	1101	1249	From Area	
Story3	1102	1250	From Area	
Story3	1103	1251	From Area	
Story3	1104	1252	From Area	
Story3	1105	1253	From Area	
Story3	1106	1254	From Area	
Story3	1107	1255	From Area	
Story3	1108	1256	From Area	
Story3	1109	1257	From Area	
Story3	1110	1258	From Area	
Story3	1111	1259	From Area	
Story3	1112	1260	From Area	
Story3	1113	1261	From Area	
Story3	1114	1262	From Area	
Story3	1115	1263	From Area	
Story3	1116	1264	From Area	
Story3	1117	1265	From Area	
Story3	1118	1266	From Area	
Story3	1119	1267	From Area	
Story3	1120	1268	From Area	
Story3	1121	1269	From Area	
Story3	1122	1270	From Area	
Story3	1123	1271	From Area	
Story3	1124	1272	From Area	
Story3	1125	1273	From Area	
Story3	1126	1274	From Area	
Story3	1127	1275	From Area	
Story3	1128	1276	From Area	
Story3	1129	1277	From Area	
Story3	1130	1278	From Area	
Story3	1131	1279	From Area	
Story3	1132	1280	From Area	
Story3	1133	1281	From Area	
Story3	1134	1282	From Area	
Story3	1135	1283	From Area	
Story3	1136	1284	From Area	
Story3	1137	1285	From Area	
Story3	1138	1286	From Area	
Story3	1139	1287	From Area	
Story3	1140	1288	From Area	
Story3	1141	1289	From Area	

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นายสมภพ เสงจินตกรักษ์ วช.1754

Story	Label	UniqueName	Diaphragm	Restraints
Story3	1142	1290	From Area	
Story3	1143	1291	From Area	
Story3	1144	1292	From Area	
Story3	1145	1293	From Area	
Story3	1146	1294	From Area	
Story3	1147	1295	From Area	
Story3	1148	1296	From Area	
Story3	1149	1297	From Area	
Story3	1150	1298	From Area	
Story3	1151	1299	From Area	
Story3	1152	1300	From Area	
Story3	1153	1301	From Area	
Story3	1154	1302	From Area	
Story3	1155	1303	From Area	
Story3	1156	1304	From Area	
Story3	1157	1305	From Area	
Story3	1158	1306	From Area	
Story3	1159	1307	From Area	
Story3	1160	1308	From Area	
Story3	1161	1309	From Area	
Story3	1162	1310	From Area	
Story3	1163	1311	From Area	
Story3	1164	1312	From Area	
Story3	1165	1313	From Area	
Story3	1166	1314	From Area	
Story3	1167	1315	From Area	
Story3	1168	1316	From Area	
Story3	1169	1317	From Area	
Story3	1170	1318	From Area	
Story3	1171	1319	From Area	
Story3	1172	1320	From Area	
Story3	1173	1321	From Area	
Story3	1174	1322	From Area	
Story3	1175	1323	From Area	
Story3	1176	1324	From Area	
Story3	1177	1325	From Area	
Story3	1178	1326	From Area	
Story3	1179	1327	From Area	
Story3	1180	1328	From Area	
Story3	1181	1329	From Area	
Story3	1182	1330	From Area	
Story3	1183	1331	From Area	
Story3	1184	1332	From Area	
Story3	1185	1333	From Area	
Story3	1186	1334	From Area	
Story3	1187	1335	From Area	
Story3	1188	1336	From Area	
Story3	1189	1337	From Area	
Story3	1190	1338	From Area	
Story3	1191	1339	From Area	
Story3	1192	1340	From Area	
Story3	1193	1341	From Area	
Story3	1194	1342	From Area	
Story3	1195	1343	From Area	
Story3	1196	1344	From Area	
Story3	1197	1345	From Area	
Story3	1198	1346	From Area	
Story3	1199	1347	From Area	
Story3	1200	1348	From Area	
Story3	1201	1349	From Area	
Story3	1202	1350	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1203	1351	From Area	
Story3	1204	1352	From Area	
Story3	1205	1353	From Area	
Story3	1206	1354	From Area	
Story3	1207	1355	From Area	
Story3	1208	1356	From Area	
Story3	1209	1357	From Area	
Story3	1210	1358	From Area	
Story3	1211	1359	From Area	
Story3	1212	1360	From Area	
Story3	1213	1361	From Area	
Story3	1214	1362	From Area	
Story3	1215	1363	From Area	
Story3	1216	1364	From Area	
Story3	1217	1365	From Area	
Story3	1218	1366	From Area	
Story3	1219	1367	From Area	
Story3	1220	1368	From Area	
Story3	1221	1369	From Area	
Story3	1222	1370	From Area	
Story3	1223	1371	From Area	
Story3	1224	1372	From Area	
Story3	1225	1373	From Area	
Story3	1226	1374	From Area	
Story3	1227	1375	From Area	
Story3	1228	1376	From Area	
Story3	1229	1377	From Area	
Story3	1230	1378	From Area	
Story3	1231	1379	From Area	
Story3	1232	1380	From Area	
Story3	1233	1381	From Area	
Story3	1234	1382	From Area	
Story3	1235	1383	From Area	
Story3	1236	1384	From Area	
Story3	1237	1385	From Area	
Story3	1238	1386	From Area	
Story3	1239	1387	From Area	
Story3	1240	1388	From Area	
Story3	1241	1389	From Area	
Story3	1242	1390	From Area	
Story3	1243	1391	From Area	
Story3	1244	1392	From Area	
Story3	1245	1393	From Area	
Story3	1246	1394	From Area	
Story3	1247	1395	From Area	
Story3	1248	1396	From Area	
Story3	1249	1397	From Area	
Story3	1250	1398	From Area	
Story3	1251	1399	From Area	
Story3	1252	1400	From Area	
Story3	1253	1401	From Area	
Story3	1254	1402	From Area	
Story3	1255	1403	From Area	
Story3	1256	1404	From Area	
Story3	1257	1405	From Area	
Story3	1258	1406	From Area	
Story3	1259	1407	From Area	
Story3	1260	1408	From Area	
Story3	1261	1409	From Area	
Story3	1262	1410	From Area	
Story3	1263	1411	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1264	1412	From Area	
Story3	1265	1413	From Area	
Story3	1266	1414	From Area	
Story3	1267	1415	From Area	
Story3	1268	1416	From Area	
Story3	1269	1417	From Area	
Story3	1270	1418	From Area	
Story3	1271	1419	From Area	
Story3	1272	1420	From Area	
Story3	1273	1421	From Area	
Story3	1274	1422	From Area	
Story3	1275	1423	From Area	
Story3	1276	1424	From Area	
Story3	1277	1425	From Area	
Story3	1278	1426	From Area	
Story3	1279	1427	From Area	
Story3	1280	1428	From Area	
Story3	1281	1429	From Area	
Story3	1282	1430	From Area	
Story3	1283	1431	From Area	
Story3	1284	1432	From Area	
Story3	1285	1433	From Area	
Story3	1286	1434	From Area	
Story3	1287	1435	From Area	
Story3	1288	1436	From Area	
Story3	1289	1437	From Area	
Story3	1290	1438	From Area	
Story3	1291	1439	From Area	
Story3	1292	1440	From Area	
Story3	1293	1441	From Area	
Story3	1294	1442	From Area	
Story3	1295	1443	From Area	
Story3	1296	1444	From Area	
Story3	1297	1445	From Area	
Story3	1298	1446	From Area	
Story3	1299	1447	From Area	
Story3	1300	1448	From Area	
Story3	1301	1449	From Area	
Story3	1302	1450	From Area	
Story3	1303	1451	From Area	
Story3	1304	1452	From Area	
Story3	1305	1453	From Area	
Story3	1306	1454	From Area	
Story3	1307	1455	From Area	
Story3	1308	1456	From Area	
Story3	1309	1457	From Area	
Story3	1310	1458	From Area	
Story3	1311	1459	From Area	
Story3	1312	1460	From Area	
Story3	1313	1461	From Area	
Story3	1314	1462	From Area	
Story3	1315	1463	From Area	
Story3	1316	1464	From Area	
Story3	1317	1465	From Area	
Story3	1318	1466	From Area	
Story3	1319	1467	From Area	
Story3	1320	1468	From Area	
Story3	1321	1469	From Area	
Story3	1322	1470	From Area	
Story3	1323	1471	From Area	
Story3	1324	1472	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1325	1473	From Area	
Story3	1326	1474	From Area	
Story3	1327	1475	From Area	
Story3	1328	1476	From Area	
Story3	1329	1477	From Area	
Story3	1330	1478	From Area	
Story3	1331	1479	From Area	
Story3	1332	1480	From Area	
Story3	1333	1481	From Area	
Story3	1334	1482	From Area	
Story3	1335	1483	From Area	
Story3	1336	1484	From Area	
Story3	1337	1485	From Area	
Story3	1338	1486	From Area	
Story3	1339	1487	From Area	
Story3	1340	1488	From Area	
Story3	1341	1489	From Area	
Story3	1342	1490	From Area	
Story3	1343	1491	From Area	
Story3	1344	1492	From Area	
Story3	1345	1493	From Area	
Story3	1346	1494	From Area	
Story3	1347	1495	From Area	
Story3	1348	1496	From Area	
Story3	1349	1497	From Area	
Story3	1350	1498	From Area	
Story3	1351	1499	From Area	
Story3	1352	1500	From Area	
Story3	1353	1501	From Area	
Story3	1354	1502	From Area	
Story3	1355	1503	From Area	
Story3	1356	1504	From Area	
Story3	1357	1505	From Area	
Story3	1358	1506	From Area	
Story3	1359	1507	From Area	
Story3	1360	1508	From Area	
Story3	1361	1509	From Area	
Story3	1362	1510	From Area	
Story3	1363	1511	From Area	
Story3	1364	1512	From Area	
Story3	1365	1513	From Area	
Story3	1366	1514	From Area	
Story3	1367	1515	From Area	
Story3	1368	1516	From Area	
Story3	1369	1517	From Area	
Story3	1370	1518	From Area	
Story3	1371	1519	From Area	
Story3	1372	1520	From Area	
Story3	1373	1521	From Area	
Story3	1374	1522	From Area	
Story3	1375	1523	From Area	
Story3	1376	1524	From Area	
Story3	1377	1525	From Area	
Story3	1378	1526	From Area	
Story3	1379	1527	From Area	
Story3	1380	1528	From Area	
Story3	1381	1529	From Area	
Story3	1382	1530	From Area	
Story3	1383	1531	From Area	
Story3	1384	1532	From Area	

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นายสมภพ เจริญศรีชัย วย.1754

Story	Label	UniqueName	Diaphragm	Restraints
Story3	1446	1594	From Area	
Story3	1447	1595	From Area	
Story3	1448	1596	From Area	
Story3	1449	1597	From Area	
Story3	1450	1598	From Area	
Story3	1451	1599	From Area	
Story3	1452	1600	From Area	
Story3	1453	1601	From Area	
Story3	1454	1602	From Area	
Story3	1455	1603	From Area	
Story3	1456	1604	From Area	
Story3	1457	1605	From Area	
Story3	1458	1606	From Area	
Story3	1459	1607	From Area	
Story3	1460	1608	From Area	
Story3	1461	1609	From Area	
Story3	1462	1610	From Area	
Story3	1463	1611	From Area	
Story3	1464	1612	From Area	
Story3	1465	1613	From Area	
Story3	1466	1614	From Area	
Story3	1467	1615	From Area	
Story3	1468	1616	From Area	
Story3	1469	1617	From Area	
Story3	1470	1618	From Area	
Story3	1471	1619	From Area	
Story3	1472	1620	From Area	
Story3	1473	1621	From Area	
Story3	1474	1622	From Area	
Story3	1475	1623	From Area	
Story3	1476	1624	From Area	
Story3	1477	1625	From Area	
Story3	1478	1626	From Area	
Story3	1479	1627	From Area	
Story3	1480	1628	From Area	
Story3	1481	1629	From Area	
Story3	1482	1630	From Area	
Story3	1483	1631	From Area	
Story3	1484	1632	From Area	
Story3	1485	1633	From Area	
Story3	1486	1634	From Area	
Story3	1487	1635	From Area	
Story3	1488	1636	From Area	
Story3	1489	1637	From Area	
Story3	1490	1638	From Area	
Story3	1491	1639	From Area	
Story3	1492	1640	From Area	
Story3	1493	1641	From Area	
Story3	1494	1642	From Area	
Story3	1495	1643	From Area	
Story3	1496	1644	From Area	
Story3	1497	1645	From Area	
Story3	1498	1646	From Area	
Story3	1499	1647	From Area	
Story3	1500	1648	From Area	
Story3	1501	1649	From Area	
Story3	1502	1650	From Area	
Story3	1503	1651	From Area	
Story3	1504	1652	From Area	
Story3	1505	1653	From Area	
Story3	1506	1854	From Area	

Story	Label	UniqueName	Diaphragm	Restraints
Story3	1566	1716	From Area	
Story3	1569	1717	From Area	
Story3	1570	1718	From Area	
Story3	1571	1719	From Area	
Story3	1572	1720	From Area	
Story3	1573	1721	From Area	
Story3	1574	1722	From Area	
Story3	1575	1723	From Area	
Story3	1576	1724	From Area	
Story3	1577	1725	From Area	
Story3	1578	1726	From Area	
Story3	1579	1727	From Area	
Story3	1580	1728	From Area	
Story3	1591	1729	From Area	
Story3	1582	1730	From Area	
Story3	1583	1731	From Area	
Story3	1584	1732	From Area	
Story3	1585	1733	From Area	
Story3	1586	1734	From Area	
Story3	1587	1735	From Area	
Story3	1588	1736	From Area	
Story3	1589	1737	From Area	
Story3	1590	1738	From Area	
Story3	1591	1739	From Area	
Story3	1592	1740	From Area	
Story3	1593	1741	From Area	
Story3	1594	1742	From Area	
Story3	1595	1743	From Area	
Story3	1596	1744	From Area	
Story3	1597	1745	From Area	
Story3	1598	1746	From Area	
Story3	1599	1747	From Area	
Story3	1600	1748	From Area	
Story3	1601	1749	From Area	
Story3	1602	1750	From Area	
Story3	1603	1751	From Area	
Story3	1604	1752	From Area	
Story3	1605	1753	From Area	
Story3	1606	1754	From Area	
Story3	1607	1755	From Area	
Story3	1608	1756	From Area	
Story3	1609	1757	From Area	
Story3	1610	1758	From Area	
Story3	1611	1759	From Area	
Story3	1612	1760	From Area	
Story3	1613	1761	From Area	
Story3	1614	1762	From Area	
Story3	1615	1763	From Area	
Story3	1616	1764	From Area	
Story3	1617	1765	From Area	
Story3	1618	1766	From Area	
Story3	1619	1767	From Area	
Story3	1620	1768	From Area	
Story3	1621	1769	From Area	
Story3	1622	1770	From Area	
Story3	1623	1771	From Area	
Story3	1624	1772	From Area	
Story3	1625	1773	From Area	
Story3	1626	1774	From Area	
Story3	1627	1775	From Area	
Story3	1628	1776	From Area	

Story	Label	UniqueName	Diaphragm	Restraints
Story3	1629	1777	From Area	
Story3	1630	1778	From Area	
Story3	1631	1779	From Area	
Story3	1632	1780	From Area	
Story3	1633	1781	From Area	
Story3	1634	1782	From Area	
Story3	1635	1783	From Area	
Story3	1636	1784	From Area	
Story3	1637	1785	From Area	
Story3	1638	1786	From Area	
Story3	1639	1787	From Area	
Story3	1640	1788	From Area	
Story3	1641	1789	From Area	
Story3	1642	1790	From Area	
Story3	1643	1791	From Area	
Story3	1644	1792	From Area	
Story3	1645	1793	From Area	
Story3	1646	1794	From Area	
Story3	1647	1795	From Area	
Story3	1648	1796	From Area	
Story3	1649	1797	From Area	
Story3	1650	1798	From Area	
Story3	1651	1799	From Area	
Story3	1652	1800	From Area	
Story3	1653	1801	From Area	
Story3	1654	1802	From Area	
Story3	1655	1805	From Area	
Story3	1656	1806	From Area	
Story3	1657	1807	From Area	
Story3	1658	1808	From Area	
Story3	1659	1809	From Area	
Story3	1660	1810	From Area	
Story3	1661	1811	From Area	
Story3	1662	1812	From Area	
Story3	1663	1813	From Area	
Story3	1664	1814	From Area	
Story3	1666	1816	From Area	
Story3	1667	1817	From Area	
Story3	1668	1818	From Area	
Story3	1669	1819	From Area	
Story3	1670	1820	From Area	
Story3	1671	1821	From Area	
Story3	1672	1822	From Area	
Story3	1673	1823	From Area	
Story3	1674	1824	From Area	
Story3	1675	1825	From Area	
Story3	1676	1826	From Area	
Story3	1677	1827	From Area	
Story3	1678	1828	From Area	
Story3	1679	1829	From Area	
Story3	1680	1830	From Area	
Story3	1681	1831	From Area	
Story3	1682	1832	From Area	
Story3	1683	1833	From Area	
Story3	1684	1834	From Area	
Story3	1685	1835	From Area	
Story3	1686	1836	From Area	
Story3	1687	1837	From Area	
Story3	1688	1838	From Area	
Story3	1689	1839	From Area	
Story3	1690	1840	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1691	1841	From Area	
Story3	1692	1842	From Area	
Story3	1693	1843	From Area	
Story3	1694	1844	From Area	
Story3	1695	1845	From Area	
Story3	1696	1846	From Area	
Story3	1697	1847	From Area	
Story3	1698	1848	From Area	
Story3	1699	1849	From Area	
Story3	1700	1850	From Area	
Story3	1701	1851	From Area	
Story3	1702	1852	From Area	
Story3	1703	1853	From Area	
Story3	1704	1854	From Area	
Story3	1705	1855	From Area	
Story3	1706	1856	From Area	
Story3	1707	1857	From Area	
Story3	1708	1858	From Area	
Story3	1709	1859	From Area	
Story3	1710	1860	From Area	
Story3	1711	1861	From Area	
Story3	1712	1862	From Area	
Story3	1713	1863	From Area	
Story3	1714	1864	From Area	
Story3	1715	1865	From Area	
Story3	1716	1866	From Area	
Story3	1717	1867	From Area	
Story3	1718	1868	From Area	
Story3	1719	1869	From Area	
Story3	1720	1870	From Area	
Story3	1721	1871	From Area	
Story3	1722	1872	From Area	
Story3	1723	1873	From Area	
Story3	1724	1874	From Area	
Story3	1725	1875	From Area	
Story3	1726	1876	From Area	
Story3	1727	1877	From Area	
Story3	1728	1878	From Area	
Story3	1729	1879	From Area	
Story3	1730	1880	From Area	
Story3	1731	1881	From Area	
Story3	1732	1882	From Area	
Story3	1733	1883	From Area	
Story3	1734	1884	From Area	
Story3	1735	1885	From Area	
Story3	1736	1886	From Area	
Story3	1737	1887	From Area	
Story3	1738	1888	From Area	
Story3	1739	1889	From Area	
Story3	1740	1890	From Area	
Story3	1741	1891	From Area	
Story3	1742	1892	From Area	
Story3	1743	1893	From Area	
Story3	1744	1894	From Area	
Story3	1745	1895	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1766	1916	From Area	
Story3	1767	1917	From Area	
Story3	1768	1918	From Area	
Story3	1769	1919	From Area	
Story3	1770	1920	From Area	
Story3	1771	1921	From Area	
Story3	1772	1922	From Area	
Story3	1773	1923	From Area	
Story3	1774	1924	From Area	
Story3	1775	1925	From Area	
Story3	1776	1926	From Area	
Story3	1777	1927	From Area	
Story3	1778	1928	From Area	
Story3	1779	1929	From Area	
Story3	1780	1930	From Area	
Story3	1781	1931	From Area	
Story3	1782	1932	From Area	
Story3	1783	1933	From Area	
Story3	1784	1934	From Area	
Story3	1785	1935	From Area	
Story3	1786	1936	From Area	
Story3	1787	1937	From Area	
Story3	1788	1938	From Area	
Story3	1789	1939	From Area	
Story3	1790	1940	From Area	
Story3	1791	1941	From Area	
Story3	1792	1942	From Area	
Story3	1793	1943	From Area	
Story3	1794	1944	From Area	
Story3	1795	1945	From Area	
Story3	1796	1946	From Area	
Story3	1797	1947	From Area	
Story3	1798	1948	From Area	
Story3	1799	1949	From Area	
Story3	1800	1950	From Area	
Story3	1801	1951	From Area	
Story3	1802	1952	From Area	
Story3	1803	1953	From Area	
Story3	1804	1954	From Area	
Story3	1805	1955	From Area	
Story3	1806	1956	From Area	
Story3	1807	1957	From Area	
Story3	1808	1958	From Area	
Story3	1809	1959	From Area	
Story3	1810	1960	From Area	
Story3	1811	1961	From Area	
Story3	1812	1962	From Area	
Story3	1813	1963	From Area	
Story3	1814	1964	From Area	
Story3	1815	1965	From Area	
Story3	1816	1966	From Area	
Story3	1817	1967	From Area	
Story3	1818	1968	From Area	
Story3	1819	1969	From Area	
Story3	1820	1970	From Area	
Story3	1821	1971	From Area	
Story3	1822	1972	From Area	
Story3	1823	1973	From Area	
Story3	1824	1974	From Area	
Story3	1825	1975	From Area	
Story3	1826	1976	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story3	1827	1977	From Area	
Story3	1828	1978	From Area	
Story3	1829	1979	From Area	
Story2	2	126	From Area	
Story2	3	141	From Area	
Story2	4	142	From Area	
Story2	6	164	From Area	
Story2	7	189	From Area	
Story2	9	185	From Area	
Story2	10	188	From Area	
Story2	11	191	From Area	
Story2	13	236	From Area	
Story2	22	208	From Area	
Story2	24	237	From Area	
Story2	33	213	From Area	
Story2	35	238	From Area	
Story2	44	214	From Area	
Story2	45	244	From Area	
Story2	46	239	From Area	
Story2	47	254	From Area	
Story2	48	255	From Area	
Story2	50	250	From Area	
Story2	51	251	From Area	
Story2	53	248	From Area	
Story2	54	247	From Area	
Story2	55	221	From Area	
Story2	56	245	From Area	
Story2	57	240	From Area	
Story2	58	258	From Area	
Story2	59	257	From Area	
Story2	61	252	From Area	
Story2	62	253	From Area	
Story2	64	248	From Area	
Story2	65	249	From Area	
Story2	66	222	From Area	
Story2	68	241	From Area	
Story2	77	223	From Area	
Story2	79	242	From Area	
Story2	88	224	From Area	
Story2	90	243	From Area	
Story2	99	225	From Area	
Story2	101	227	From Area	
Story2	102	228	From Area	
Story2	103	229	From Area	
Story2	105	231	From Area	
Story2	106	232	From Area	
Story2	108	234	From Area	
Story2	109	235	From Area	
Story2	110	226	From Area	
Story2	1	1074	From Area	
Story2	34	1075	From Area	
Story2	36	163	From Area	
Story2	41	170	From Area	
Story2	104	230	From Area	
Story2	107	233	From Area	
Story1	2	3	From Area	
Story1	3	5	From Area	
Story1	4	7	From Area	
Story1	6	11	From Area	
Story1	7	13	From Area	
Story1	8	17	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story1	10	19	From Area	
Story1	11	21	From Area	
Story1	13	25	From Area	
Story1	14	27	From Area	
Story1	15	29	From Area	
Story1	17	33	From Area	
Story1	18	35	From Area	
Story1	20	39	From Area	
Story1	21	41	From Area	
Story1	22	43	From Area	
Story1	24	47	From Area	
Story1	25	49	From Area	
Story1	26	51	From Area	
Story1	28	55	From Area	
Story1	29	57	From Area	
Story1	31	61	From Area	
Story1	32	63	From Area	
Story1	33	65	From Area	
Story1	35	69	From Area	
Story1	36	71	From Area	
Story1	37	73	From Area	
Story1	38	77	From Area	
Story1	40	79	From Area	
Story1	42	83	From Area	
Story1	43	85	From Area	
Story1	44	87	From Area	
Story1	45	89	From Area	
Story1	46	91	From Area	
Story1	47	93	From Area	
Story1	48	95	From Area	
Story1	50	99	From Area	
Story1	51	101	From Area	
Story1	53	105	From Area	
Story1	54	107	From Area	
Story1	55	109	From Area	
Story1	56	111	From Area	
Story1	57	113	From Area	
Story1	58	115	From Area	
Story1	59	117	From Area	
Story1	61	121	From Area	
Story1	62	123	From Area	
Story1	64	127	From Area	
Story1	65	129	From Area	
Story1	66	131	From Area	
Story1	67	133	From Area	
Story1	68	135	From Area	
Story1	69	137	From Area	
Story1	70	139	From Area	
Story1	72	143	From Area	
Story1	73	145	From Area	
Story1	75	149	From Area	
Story1	76	151	From Area	
Story1	77	153	From Area	
Story1	78	155	From Area	
Story1	79	157	From Area	
Story1	80	159	From Area	
Story1	81	161	From Area	
Story1	83	165	From Area	
Story1	84	167	From Area	
Story1	86	171	From Area	
Story1	87	173	From Area	

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Story	Label	UniqueName	Diaphragm	Restraints
Story1	88	175	From Area	
Story1	89	177	From Area	
Story1	90	179	From Area	
Story1	91	181	From Area	
Story1	92	183	From Area	
Story1	94	187	From Area	
Story1	95	189	From Area	
Story1	97	193	From Area	
Story1	98	195	From Area	
Story1	99	197	From Area	
Story1	100	199	From Area	
Story1	101	201	From Area	
Story1	102	203	From Area	
Story1	103	205	From Area	
Story1	105	209	From Area	
Story1	106	211	From Area	
Story1	108	215	From Area	
Story1	109	217	From Area	
Story1	110	219	From Area	
Story1	1	1	From Area	
Story1	5	2	From Area	
Story1	8	9	From Area	
Story1	12	10	From Area	
Story1	16	15	From Area	
Story1	19	18	From Area	
Story1	23	23	From Area	
Story1	27	24	From Area	
Story1	30	31	From Area	
Story1	34	32	From Area	
Story1	38	75	From Area	
Story1	41	78	From Area	
Story1	49	81	From Area	
Story1	52	82	From Area	
Story1	60	97	From Area	
Story1	63	98	From Area	
Story1	71	103	From Area	
Story1	74	104	From Area	
Story1	82	119	From Area	
Story1	85	120	From Area	
Story1	93	125	From Area	
Story1	104	147	From Area	
Story1	107	148	From Area	
Base	2	4	From Area	UX, UY, UZ
Base	3	6	From Area	UX, UY, UZ
Base	4	8	From Area	UX, UY, UZ
Base	6	12	From Area	UX, UY, UZ
Base	7	14	From Area	UX, UY, UZ
Base	9	18	From Area	UX, UY, UZ
Base	10	20	From Area	UX, UY, UZ
Base	11	22	From Area	UX, UY, UZ
Base	13	28	From Area	UX, UY, UZ
Base	14	28	From Area	UX, UY, UZ
Base	15	30	From Area	UX, UY, UZ
Base	17	34	From Area	UX, UY, UZ
Base	18	36	From Area	UX, UY, UZ
Base	20	40	From Area	UX, UY, UZ
Base	21	42	From Area	UX, UY, UZ
Base	22	44	From Area	UX, UY, UZ
Base	24	48	From Area	UX, UY, UZ
Base	25	50	From Area	UX, UY, UZ
Base	28	52	From Area	UX, UY, UZ

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Story	Label	UniqueName	Diaphragm	Restraints
Base	28	56	From Area	UX, UY, UZ
Base	29	58	From Area	UX, UY, UZ
Base	31	62	From Area	UX, UY, UZ
Base	32	64	From Area	UX, UY, UZ
Base	33	66	From Area	UX, UY, UZ
Base	35	70	From Area	UX, UY, UZ
Base	36	72	From Area	UX, UY, UZ
Base	37	74	From Area	UX, UY, UZ
Base	38	78	From Area	UX, UY, UZ
Base	40	80	From Area	UX, UY, UZ
Base	42	84	From Area	UX, UY, UZ
Base	43	86	From Area	UX, UY, UZ
Base	44	88	From Area	UX, UY, UZ
Base	45	90	From Area	UX, UY, UZ
Base	46	92	From Area	UX, UY, UZ
Base	47	94	From Area	UX, UY, UZ
Base	48	96	From Area	UX, UY, UZ
Base	50	100	From Area	UX, UY, UZ
Base	51	102	From Area	UX, UY, UZ
Base	53	106	From Area	UX, UY, UZ
Base	54	108	From Area	UX, UY, UZ
Base	55	110	From Area	UX, UY, UZ
Base	56	112	From Area	UX, UY, UZ
Base	57	114	From Area	UX, UY, UZ
Base	58	116	From Area	UX, UY, UZ
Base	59	118	From Area	UX, UY, UZ
Base	61	122	From Area	UX, UY, UZ
Base	62	124	From Area	UX, UY, UZ
Base	64	128	From Area	UX, UY, UZ
Base	65	130	From Area	UX, UY, UZ
Base	66	132	From Area	UX, UY, UZ
Base	67	134	From Area	UX, UY, UZ
Base	68	136	From Area	UX, UY, UZ
Base	69	138	From Area	UX, UY, UZ
Base	70	140	From Area	UX, UY, UZ
Base	72	144	From Area	UX, UY, UZ
Base	73	146	From Area	UX, UY, UZ
Base	75	150	From Area	UX, UY, UZ
Base	78	152	From Area	UX, UY, UZ
Base	79	154	From Area	UX, UY, UZ
Base	78	156	From Area	UX, UY, UZ
Base	79	158	From Area	UX, UY, UZ
Base	80	160	From Area	UX, UY, UZ
Base	81	162	From Area	UX, UY, UZ
Base	83	166	From Area	UX, UY, UZ
Base	84	168	From Area	UX, UY, UZ
Base	86	172	From Area	UX, UY, UZ
Base	87	174	From Area	UX, UY, UZ
Base	88	176	From Area	UX, UY, UZ
Base	89	178	From Area	UX, UY, UZ
Base	90	180	From Area	UX, UY, UZ
Base	91	182	From Area	UX, UY, UZ
Base	92	184	From Area	UX, UY, UZ
Base	94	188	From Area	UX, UY, UZ
Base	95	190	From Area	UX, UY, UZ
Base	97	194	From Area	UX, UY, UZ
Base	98	196	From Area	UX, UY, UZ
Base	99	198	From Area	UX, UY, UZ
Base	100	200	From Area	UX, UY, UZ
Base	101	202	From Area	UX, UY, UZ
Base	102	204	From Area	UX, UY, UZ

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Story	Label	UniqueName	Diaphragm	Restraints
Base	103	206	From Area	UX, UY, UZ
Base	105	210	From Area	UX, UY, UZ
Base	106	212	From Area	UX, UY, UZ
Base	108	216	From Area	UX, UY, UZ
Base	109	218	From Area	UX, UY, UZ
Base	110	220	From Area	UX, UY, UZ
Base	1	37	From Area	UX, UY, UZ
Base	5	36	From Area	UX, UY, UZ
Base	8	45	From Area	UX, UY, UZ
Base	12	46	From Area	UX, UY, UZ
Base	15	53	From Area	UX, UY, UZ
Base	19	54	From Area	UX, UY, UZ
Base	23	59	From Area	UX, UY, UZ
Base	27	60	From Area	UX, UY, UZ
Base	30	67	From Area	UX, UY, UZ
Base	34	68	From Area	UX, UY, UZ

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	B144	340	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B145	341	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B152	342	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B153	348	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B159	349	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B160	350	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B169	351	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B170	352	Beam	1.1263	Pipe 88.1x2.8	N/A		3
Story2	B171	353	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B172	355	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B174	362	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B175	364	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B176	365	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B177	367	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B178	368	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B179	369	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B180	370	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B181	371	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B182	372	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B183	373	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B184	374	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B185	375	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B186	376	Beam	0.5632	Pipe 88.1x2.8	N/A		3
Story2	B187	393	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B188	394	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B189	395	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B190	396	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B191	397	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B192	398	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B193	399	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B194	400	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B195	401	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B196	402	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B197	403	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B198	404	Beam	1.2515	Pipe 76.3x2.8	N/A		3
Story2	B199	405	Beam	1.2515	Pipe 76.3x2.8	N/A		3

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story3	B1816	3217	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1819	3218	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1820	3219	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1821	3220	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1822	3221	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1823	3222	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1824	3223	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1827	3252	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1828	3253	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1829	3254	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1840	3255	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1841	3256	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1842	3257	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1843	3258	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1844	3259	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1845	3260	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1846	3261	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1847	3262	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1848	3263	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1849	3272	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1850	3273	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1851	3274	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1852	3275	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1853	3276	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1854	3277	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1855	3278	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1856	3279	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1857	3280	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1858	3281	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1859	3282	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1860	3283	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1861	3292	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1862	3293	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1863	3294	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1864	3295	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1865	3296	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1866	3297	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1867	3298	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1868	3299	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1869	3300	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1870	3301	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1871	3302	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1872	3303	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1873	3312	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1874	3313	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1875	3314	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1876	3315	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1877	3316	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1878	3317	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1879	3318	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1880	3319	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1881	3320	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1882	3321	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1883	3322	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1884	3323	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1885	3332	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1886	3333	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1887	3334	Beam	1.25	Tube 100x50x2.3	N/A	0.5	

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story3	B1888	3335	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1889	3336	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1890	3337	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1891	3338	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1892	3339	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1893	3340	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1894	3341	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1895	3342	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1896	3343	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1897	3352	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1898	3353	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1899	3354	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1900	3355	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1901	3356	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1902	3357	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1903	3358	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1904	3359	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1905	3360	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1906	3361	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1907	3362	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1908	3363	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1909	3372	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1910	3373	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1911	3374	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1912	3375	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1913	3376	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1914	3377	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1915	3378	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1916	3379	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1917	3380	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1918	3381	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1919	3382	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1920	3383	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1921	3392	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1922	3393	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1923	3394	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1924	3395	Beam	1.25	Tube 100x50x2.3	N/A	0.5	
Story3	B1925	3396	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1926	3397	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1927	3398	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1928	3399	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1929	3400	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1930	3401	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1931	3402	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	B1932	3403	Beam	0.625	Tube 100x50x2.3	N/A	0.5	
Story3	C49	343	Column	0.8	Pipe 76.3x2.8	N/A		3
Story3	C63	344	Column	1	Tube 150x150x4.5	N/A		3
Story3	C71	345	Column	1	Tube 150x150x4.5	N/A		3
Story3	C74	346	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C82	347	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C93	363	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C107	366	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C104	554	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C111	555	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C112	556	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C113	564	Column	0.689	Pipe 60.5x2.3	N/A		3
Story3	C114	575	Column	0.8	Pipe 76.3x2.8	N/A		3
Story3	C115	576	Column	1	Tube 150x150x4.5	N/A		3

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story3	C116	577	Column	1	Tube 150x150x4.5	N/A		3
Story3	C117	578	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C118	579	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C119	580	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C120	581	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C121	785	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C122	786	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C123	787	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C124	794	Column	0.689	Pipe 60.5x2.3	N/A		3
Story3	C125	804	Column	0.8	Pipe 76.3x2.8	N/A		3
Story3	C126	805	Column	1	Tube 150x150x4.5	N/A		3
Story3	C127	806	Column	1	Tube 150x150x4.5	N/A		3
Story3	C128	807	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C129	808	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C130	809	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C131	810	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C132	1014	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C133	1015	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C134	1016	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C135	1023	Column	0.689	Pipe 60.5x2.3	N/A		3
Story3	C136	1033	Column	0.8	Pipe 76.3x2.8	N/A		3
Story3	C137	1034	Column	1	Tube 150x150x4.5	N/A		3
Story3	C138	1035	Column	1	Tube 150x150x4.5	N/A		3
Story3	C139	1036	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C140	1037	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C141	1038	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C142	1039	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C143	1243	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C144	1244	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C145	1245	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C146	1252	Column	0.689	Pipe 60.5x2.3	N/A		3
Story3	C147	1262	Column	0.8	Pipe 76.3x2.8	N/A		3
Story3	C148	1263	Column	1	Tube 150x150x4.5	N/A		3
Story3	C149	1264	Column	1	Tube 150x150x4.5	N/A		3
Story3	C150	1265	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C151	1266	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C152	1267	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C153	1268	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C154	1472	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C155	1473	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C156	1474	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C157	1481	Column	0.689	Pipe 60.5x2.3	N/A		3
Story3	C158	1491	Column	0.8	Pipe 76.3x2.8	N/A		3
Story3	C159	1492	Column	1	Tube 150x150x4.5	N/A		3
Story3	C160	1493	Column	1	Tube 150x150x4.5	N/A		3
Story3	C161	1494	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C162	1495	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C163	1496	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C164	1497	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C165	1701	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C166	1702	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C167	1703	Column	0.2297	Pipe 60.5x2.3	N/A		3
Story3	C168	1710	Column	0.689	Pipe 60.5x2.3	N/A		3
Story3	C169	1720	Column	0.8	Pipe 76.3x2.8	N/A		3
Story3	C170	1721	Column	1	Tube 150x150x4.5	N/A		3
Story3	C171	1722	Column	1	Tube 150x150x4.5	N/A		3
Story3	C172	1723	Column	0.8	Tube 150x150x4.5	N/A		3
Story3	C173	1724	Column	0.8	Tube 150x150x4.5	N/A		3

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นายสมภพ เาจินทรักษ์ วช.1754

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	B6	306	Beam	5	B200x500	N/A	0.5	
Story2	B7	307	Beam	5	B200x500	N/A	0.5	
Story2	B8	308	Beam	5	B200x500	N/A	0.5	
Story2	B9	309	Beam	5	B200x500	N/A	0.5	
Story2	B84	310	Beam	5	B200x500	N/A	0.5	
Story2	B65	311	Beam	5	B200x500	N/A	0.5	
Story2	B69	312	Beam	9	B200x500	N/A	0.5	
Story2	B67	313	Beam	5	B200x500	N/A	0.5	
Story2	B68	314	Beam	9	B200x500	N/A	0.5	
Story2	B69	315	Beam	5	B200x500	N/A	0.5	
Story2	B70	316	Beam	5	B200x500	N/A	0.5	
Story2	B71	317	Beam	5	B200x500	N/A	0.5	
Story2	B72	318	Beam	5	B200x500	N/A	0.5	
Story2	B73	338	Beam	9	B200x500	N/A	0.5	
Story2	B87	319	Beam	5	B200x500	N/A	0.5	
Story2	B88	320	Beam	5	B200x500	N/A	0.5	
Story2	B89	321	Beam	3	B200x500	N/A	0.5	
Story2	B90	322	Beam	2	B200x500	N/A	0.5	
Story2	B91	323	Beam	5	B200x500	N/A	0.5	
Story2	B92	324	Beam	7	B200x500	N/A	0.5	
Story2	B93	325	Beam	5	B200x500	N/A	0.5	
Story2	B94	326	Beam	5	B200x500	N/A	0.5	
Story2	B95	327	Beam	5	B200x500	N/A	0.5	
Story2	B107	337	Beam	5.5	B200x500	N/A	0.5	
Story2	B117	339	Beam	5.5	B200x500	N/A	0.5	
Story2	B146	328	Beam	5	B200x500	N/A	0.5	
Story2	B147	329	Beam	5	B200x500	N/A	0.5	
Story2	B148	330	Beam	3	B200x500	N/A	0.5	
Story2	B149	331	Beam	2	B200x500	N/A	0.5	
Story2	B150	332	Beam	5	B200x500	N/A	0.5	
Story2	B151	333	Beam	7	B200x500	N/A	0.5	
Story2	B156	334	Beam	3	B200x500	N/A	0.5	
Story2	B157	335	Beam	5	B200x500	N/A	0.5	
Story2	B158	336	Beam	5	B200x500	N/A	0.5	
Story2	C2	240	Column	6	C450x450	N/A		3
Story2	C3	241	Column	6	C450x450	N/A		3
Story2	C4	242	Column	6	C450x450	N/A		3
Story2	C5	244	Column	6	C450x450	N/A		3
Story2	C7	245	Column	6	C450x450	N/A		3
Story2	C9	247	Column	6	C450x450	N/A		3
Story2	C10	248	Column	6	C450x450	N/A		3
Story2	C11	249	Column	6	C450x450	N/A		3
Story2	C13	280	Column	6	C450x450	N/A		3
Story2	C22	251	Column	6	C450x450	N/A		3
Story2	C24	281	Column	6	C450x450	N/A		3
Story2	C33	252	Column	6	C450x450	N/A		3
Story2	C35	262	Column	6	C450x450	N/A		3
Story2	C44	253	Column	6	C450x450	N/A		3
Story2	C45	288	Column	6	C450x450	N/A		3
Story2	C46	283	Column	6	C450x450	N/A		3
Story2	C47	298	Column	6	C450x450	N/A		3
Story2	C47	299	Column	6	C450x450	N/A		3
Story2	C50	294	Column	6	C450x450	N/A		3
Story2	C51	295	Column	6	C450x450	N/A		3
Story2	C53	290	Column	6	C450x450	N/A		3
Story2	C54	291	Column	6	C450x450	N/A		3
Story2	C55	254	Column	6	C450x450	N/A		3
Story2	C56	289	Column	6	C450x450	N/A		3

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story2	C57	284	Column	6	C450x450	N/A		3
Story2	C58	300	Column	6	C450x450	N/A		3
Story2	C59	301	Column	6	C450x450	N/A		3
Story2	C61	296	Column	6	C450x450	N/A		3
Story2	C62	297	Column	6	C450x450	N/A		3
Story2	C64	292	Column	6	C450x450	N/A		3
Story2	C65	293	Column	6	C450x450	N/A		3
Story2	C66	295	Column	6	C450x450	N/A		3
Story2	C68	296	Column	6	C450x450	N/A		3
Story2	C77	256	Column	6	C450x450	N/A		3
Story2	C79	286	Column	6	C450x450	N/A		3
Story2	C88	257	Column	6	C450x450	N/A		3
Story2	C90	287	Column	6	C450x450	N/A		3
Story2	C99	258	Column	6	C450x450	N/A		3
Story2	C101	271	Column	6	C450x450	N/A		3
Story2	C102	272	Column	6	C450x450	N/A		3
Story2	C103	273	Column	6	C450x450	N/A		3
Story2	C105	275	Column	6	C450x450	N/A		3
Story2	C106	276	Column	6	C450x450	N/A		3
Story2	C108	278	Column	6	C450x450	N/A		3
Story2	C109	279	Column	6	C450x450	N/A		3
Story2	C38	243	Column	6	C450x450	N/A		3
Story2	C41	246	Column	6	C450x450	N/A		3
Story2	C62	274	Column	6	C450x450	N/A		3
Story2	C80	277	Column	6	C450x450	N/A		3
Story1	B1	1	Beam	5	B250x800	N/A	0.5	
Story1	B2	5	Beam	5	B250x800	N/A	0.5	
Story1	B3	8	Beam	5	B250x800	N/A	0.5	
Story1	B4	12	Beam	5	B250x800	N/A	0.5	
Story1	B5	16	Beam	9	B250x800	N/A	0.5	
Story1	B6	19	Beam	5	B250x800	N/A	0.5	
Story1	B7	23	Beam	5	B250x800	N/A	0.5	
Story1	B8	27	Beam	5	B250x800	N/A	0.5	
Story1	B9	30	Beam	5	B250x800	N/A	0.5	
Story1	B10	34	Beam	5	B250x800	N/A	0.5	
Story1	B11	38	Beam	5	B250x800	N/A	0.5	
Story1	B12	41	Beam	5	B250x800	N/A	0.5	
Story1	B13	49	Beam	5	B250x800	N/A	0.5	
Story1	B14	52	Beam	9	B250x800	N/A	0.5	
Story1	B15	60	Beam	5	B250x800	N/A	0.5	
Story1	B16	63	Beam	5	B250x800	N/A	0.5	
Story1	B17	71	Beam	5	B250x800	N/A	0.5	
Story1	B18	74	Beam	5	B250x800	N/A	0.5	
Story1	B19	82	Beam	5	B250x800	N/A	0.5	
Story1	B20	85	Beam	5	B250x800	N/A	0.5	
Story1	B21	93	Beam	5	B250x800	N/A	0.5	
Story1	B22	96	Beam	5	B250x800	N/A	0.5	
Story1	B23	104	Beam	9	B250x800	N/A	0.5	
Story1	B24	107	Beam	5	B250x800	N/A	0.5	
Story1	B25	111	Beam	5	B250x800	N/A	0.5	
Story1	B26	112	Beam	5	B250x800	N/A	0.5	
Story1	B27	113	Beam	5	B250x800	N/A	0.5	
Story1	B28	114	Beam	5	B250x800	N/A	0.5	
Story1	B29	115	Beam	5	B250x800	N/A	0.5	
Story1	B30	116	Beam	5	B250x800	N/A	0.5	
Story1	B31	117	Beam	5	B250x800	N/A	0.5	
Story1	B32	118	Beam	9	B250x800	N/A	0.5	

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story1	B33	119	Beam	5	B250x800	N/A	0.5	
Story1	B34	120	Beam	5	B250x800	N/A	0.5	
Story1	B35	121	Beam	5	B250x800	N/A	0.5	
Story1	B36	122	Beam	5	B250x800	N/A	0.5	
Story1	B37	123	Beam	5	B250x800	N/A	0.5	
Story1	B38	124	Beam	5	B250x800	N/A	0.5	
Story1	B39	125	Beam	5	B250x800	N/A	0.5	
Story1	B40	126	Beam	5	B250x800	N/A	0.5	
Story1	B41	127	Beam	9	B250x800	N/A	0.5	
Story1	B42	128	Beam	5	B250x800	N/A	0.5	
Story1	B43	129	Beam	5	B250x800	N/A	0.5	
Story1	B44	130	Beam	5	B250x800	N/A	0.5	
Story1	B45	131	Beam	5	B250x800	N/A	0.5	
Story1	B46	132	Beam	5	B250x800	N/A	0.5	
Story1	B47	133	Beam	5	B250x800	N/A	0.5	
Story1	B48	134	Beam	5	B250x800	N/A	0.5	
Story1	B49	135	Beam	5	B250x800	N/A	0.5	
Story1	B50	136	Beam	9	B250x800	N/A	0.5	
Story1	B51	137	Beam	5	B250x800	N/A	0.5	
Story1	B52	138	Beam	5	B250x800	N/A	0.5	
Story1	B53	139	Beam	5	B250x800	N/A	0.5	
Story1	B54	140	Beam	5	B250x800	N/A	0.5	
Story1	B55	141	Beam	5	B250x800	N/A	0.5	
Story1	B56	142	Beam	5	B250x800	N/A	0.5	
Story1	B57	143	Beam	5	B250x800	N/A	0.5	
Story1	B58	144	Beam	5	B250x800	N/A	0.5	
Story1	B59	145	Beam	9	B250x800	N/A	0.5	
Story1	B60	146	Beam	5	B250x800	N/A	0.5	
Story1	B61	147	Beam	5	B250x800	N/A	0.5	
Story1	B62	148	Beam	5	B250x800	N/A	0.5	
Story1	B63	149	Beam	5	B250x800	N/A	0.5	
Story1	B64	150	Beam	5	B250x800	N/A	0.5	
Story1	B65	151	Beam	5	B250x800	N/A	0.5	
Story1	B66	152	Beam	5	B250x800	N/A	0.5	
Story1	B67	153	Beam	5	B250x800	N/A	0.5	
Story1	B68	154	Beam	5	B250x800	N/A	0.5	
Story1	B69	155	Beam	5	B250x800	N/A	0.5	
Story1	B70	156	Beam	5	B250x800	N/A	0.5	
Story1	B71	157	Beam	5	B250x800	N/A	0.5	
Story1	B72	158	Beam	5	B250x800	N/A	0.5	
Story1	B73	159	Beam	9	B250x800	N/A	0.5	
Story1	B74	160	Beam	5	B250x800	N/A	0.5	
Story1	B75	161	Beam	5	B250x800	N/A	0.5	
Story1	B76	162	Beam	5	B250x800	N/A	0.5	
Story1	B77	163	Beam	5	B250x800	N/A	0.5	
Story1	B78	174	Beam	5	B250x800	N/A	0.5	
Story1	B79	175	Beam	5	B250x800	N/A	0.5	
Story1	B80	176	Beam	5	B250x800	N/A	0.5	
Story1	B81	177	Beam	5	B250x800	N/A	0.5	
Story1	B82	178	Beam	9	B250x800	N/A	0.5	
Story1	B83	179	Beam	5	B250x800	N/A	0.5	
Story1	B84	180	Beam	5	B250x800	N/A	0.5	
Story1	B85	181	Beam	5	B250x800	N/A	0.5	
Story1	B86	182	Beam	5	B250x800	N/A	0.5	
Story1	B87	183	Beam	5	B200x500	N/A	0.5	
Story1	B88	184	Beam	5	B200x500	N/A	0.5	
Story1	B89	185	Beam	3	B200x500	N/A	0.5	
Story1	B90	186	Beam	2	B200x500	N/A	0.5	

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story1	B151	266	Beam	7	B200x500	N/A	0.5	
Story1	B154	259	Beam	5.5	B200x500	N/A	0.5	
Story1	B155	280	Beam	5.5	B200x500	N/A	0.5	
Story1	B156	267	Beam	3	B200x500	N/A	0.5	
Story1	B157	268	Beam	5	B200x500	N/A	0.5	
Story1	B159	269	Beam	5	B200x500	N/A	0.5	
Story1	C2	2	Column	1	C450x450	N/A		3
Story1	C3	3	Column	1	C450x450	N/A		3
Story1	C4	4	Column	1	C450x450	N/A		3
Story1	C6	6	Column	1	C450x450	N/A		3
Story1	C7	7	Column	1	C450x450	N/A		3
Story1	C9	9	Column	1	C450x450	N/A		3
Story1	C10	10	Column	1	C450x450	N/A		3
Story1	C11	11	Column	1	C450x450	N/A		3
Story1	C13	13	Column	1	C450x450	N/A		3
Story1	C14	14	Column	1	C450x450	N/A		3
Story1	C15	15	Column	1	C450x450	N/A		3
Story1	C17	17	Column	1	C450x450	N/A		3
Story1	C18	18	Column	1	C450x450	N/A		3
Story1	C20	20	Column	1	C450x450	N/A		3
Story1	C21	21	Column	1	C450x450	N/A		3
Story1	C22	22	Column	1	C450x450	N/A		3
Story1	C24	24	Column	1	C450x450	N/A		3
Story1	C25	25	Column	1	Pipe 89.1x2.8	N/A		3
Story1	C26	26	Column	1	C450x450	N/A		3
Story1	C28	28	Column	1	C450x450	N/A		3
Story1	C29	29	Column	1	C450x450	N/A		3
Story1	C31	31	Column	1	C450x450	N/A		3
Story1	C32	32	Column	1	C450x450	N/A		3
Story1	C33	33	Column	1	C450x450	N/A		3
Story1	C35	35	Column	1	C450x450	N/A		3
Story1	C36	36	Column	1	C450x450	N/A		3
Story1	C37	37	Column	1	C450x450	N/A		3
Story1	C39	39	Column	1	C450x450	N/A		3
Story1	C40	40	Column	1	C450x450	N/A		3
Story1	C42	42	Column	1	C450x450	N/A		3
Story1	C43	43	Column	1	C450x450	N/A		3
Story1	C44	44	Column	1	C450x450	N/A		3
Story1	C45	45	Column	1	C450x450	N/A		3
Story1	C46	46	Column	1	C450x450	N/A		3
Story1	C47	47	Column	1	C450x450	N/A		3
Story1	C48	48	Column	1	C450x450	N/A		3
Story1	C50	50	Column	1	C450x450	N/A		3
Story1	C51	51	Column	1	C450x450	N/A		3
Story1	C53	53	Column	1	C450x450	N/A		3
Story1	C54	54	Column	1	C450x450	N/A		3
Story1	C55	55	Column	1	C450x450	N/A		3
Story1	C56	56	Column	1	C450x450	N/A		3
Story1	C57	57	Column	1	C450x450	N/A		3
Story1	C58	58	Column	1	C450x450	N/A		3
Story1	C59	59	Column	1	C450x450	N/A		3
Story1	C61	61	Column	1	C450x450	N/A		3
Story1	C62	62	Column	1	C450x450	N/A		3
Story1	C64	64	Column	1	C450x450	N/A		3
Story1	C65	65	Column	1	C450x450	N/A		3
Story1	C66	66	Column	1	C450x450	N/A		3
Story1	C67	67	Column	1	C450x450	N/A		3
Story1	C68	68	Column	1	C450x450	N/A		3

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
Story1	C69	69	Column	1	C450x450	N/A		3
Story1	C70	70	Column	1	C450x450	N/A		3
Story1	C72	72	Column	1	C450x450	N/A		3
Story1	C73	73	Column	1	C450x450	N/A		3
Story1	C75	75	Column	1	C450x450	N/A		3
Story1	C76	76	Column	1	C450x450	N/A		3
Story1	C77	77	Column	1	C450x450	N/A		3
Story1	C78	78	Column	1	C450x450	N/A		3
Story1	C79	79	Column	1	C450x450	N/A		3
Story1	C80	80	Column	1	C450x450	N/A		3
Story1	C81	81	Column	1	C450x450	N/A		3
Story1	C83	83	Column	1	C450x450	N/A		3
Story1	C84	84	Column	1	C450x450	N/A		3
Story1	C86	86	Column	1	C450x450	N/A		3
Story1	C87	87	Column	1	C450x450	N/A		3
Story1	C88	88	Column	1	C450x450	N/A		3
Story1	C89	89	Column	1	C450x450	N/A		3
Story1	C90	90	Column	1	C450x450	N/A		3
Story1	C91	91	Column	1	C450x450	N/A		3
Story1	C92	92	Column	1	C450x450	N/A		3
Story1	C94	94	Column	1	C450x450	N/A		3
Story1	C95	95	Column	1	C450x450	N/A		3
Story1	C97	97	Column	1	C450x450	N/A		3
Story1	C98	98	Column	1	C450x450	N/A		3
Story1	C99	99	Column	1	C450x450	N/A		3
Story1	C100	100	Column	1	C450x450	N/A		3
Story1	C101	101	Column	1	C450x450	N/A		3
Story1	C102	102	Column	1	C450x450	N/A		3
Story1	C103	103	Column	1	C450x450	N/A		3
Story1	C105	105	Column	1	C450x450	N/A		3
Story1	C106	106	Column	1	C450x450	N/A		3
Story1	C108	108	Column	1	C450x450	N/A		3
Story1	C109	109	Column	1	C450x450	N/A		3
Story1	C110	110	Column	1	C450x450	N/A		3
Story1	C1	164	Column	1	C450x450	N/A		3
Story1	C5	165	Column	1	C450x450	N/A		3
Story1	C8	166	Column	1	C450x450	N/A		3
Story1	C12	167	Column	1	C450x450	N/A		3
Story1	C16	168	Column	1	C450x450	N/A		3
Story1	C19	169	Column	1	C450x450	N/A		3
Story1	C23	170	Column	1	C450x450	N/A		3
Story1	C27	171	Column	1	C450x450	N/A		3
Story1	C50	172	Column	1	C450x450	N/A		3
Story1	C34	173	Column	1	C450x450	N/A		3

3.3 Shell Assignments

Table 3.3 - Area Assignments - Summary

Story	Label	UniqueName	Section Property	Property Type	Axis Angle deg
Story1	F3	5	HC150	Slab	90
Story1	F4	6	HC150	Slab	90
Story1	F5	7	HC150	Slab	90
Story1	F6	8	HC150	Slab	90
Story1	F7	9	HC150	Slab	90
Story1	F8	10	HC150	Slab	90
Story1	F9	11	HC150	Slab	90

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Story	Label	UniqueName	Section Property	Property Type	Axis Angle deg
Story1	F10	12	HC150	Slab	90
Story1	F11	13	HC150	Slab	90
Story1	F12	14	HC150	Slab	90
Story1	F13	15	HC150	Slab	90
Story1	F14	16	HC150	Slab	90
Story1	F15	17	HC150	Slab	90
Story1	F16	18	HC150	Slab	90
Story1	F17	19	HC150	Slab	90
Story1	F18	20	HC150	Slab	90
Story1	F19	21	HC150	Slab	90
Story1	F20	22	HC150	Slab	90
Story1	F21	23	HC150	Slab	90
Story1	F22	24	HC150	Slab	90
Story1	F23	25	HC150	Slab	90
Story1	F24	26	HC150	Slab	90
Story1	F25	27	HC150	Slab	90
Story1	F26	28	HC150	Slab	90
Story1	F27	29	HC150	Slab	90
Story1	F28	30	HC150	Slab	90
Story1	F29	31	HC150	Slab	90
Story1	F30	32	HC150	Slab	90
Story1	F31	33	HC150	Slab	90
Story1	F32	34	HC150	Slab	90
Story1	F33	35	HC150	Slab	90
Story1	F34	36	HC150	Slab	90
Story1	F35	37	HC150	Slab	90
Story1	F36	38	HC150	Slab	90
Story1	F37	39	HC150	Slab	90
Story1	F38	40	HC150	Slab	90
Story1	F39	41	HC150	Slab	90
Story1	F40	42	HC150	Slab	90
Story1	F41	43	HC150	Slab	90
Story1	F42	44	HC150	Slab	90
Story1	F43	45	HC150	Slab	90
Story1	F44	46	HC150	Slab	90
Story1	F45	47	HC150	Slab	90
Story1	F46	48	HC150	Slab	90
Story1	F47	49	HC150	Slab	90
Story1	F48	50	HC150	Slab	90
Story1	F49	51	HC150	Slab	90
Story1	F50	52	HC150	Slab	90
Story1	F51	53	HC150	Slab	90
Story1	F52	54	HC150	Slab	90
Story1	F53	55	HC150	Slab	90
Story1	F54	56	HC150	Slab	90
Story1	F55	57	HC150	Slab	90
Story1	F56	58	HC150	Slab	90
Story1	F57	59	HC150	Slab	90
Story1	F59	60	HC150	Slab	90
Story1	F59	61	HC150	Slab	90
Story1	F60	62	HC150	Slab	90
Story1	F61	63	HC150	Slab	90
Story1	F62	64	HC150	Slab	90
Story1	F63	65	HC150	Slab	90
Story1	F64	66	HC150	Slab	90
Story1	F65	67	HC150	Slab	90
Story1	F66	68	HC150	Slab	90
Story1	F67	69	HC150	Slab	90
Story1	F68	70	HC150	Slab	90

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Story	Label	UniqueName	Section Property	Property Type	Axis Angle deg
Story1	F68	71	HC150	Slab	90
Story1	F70	72	HC150	Slab	90
Story1	F71	73	HC150	Slab	90
Story1	F72	74	HC150	Slab	90
Story1	F73	75	HC150	Slab	90
Story1	F74	76	HC150	Slab	90
Story1	F75	77	HC150	Slab	90
Story1	F76	78	HC150	Slab	90
Story1	F77	79	HC150	Slab	90
Story1	F78	80	HC150	Slab	90
Story1	F79	81	HC150	Slab	90

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นายสมภพ เจริญทรัพย์ วย.1754

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
-LLRF	Yes	Other	0	
Dead	No	Dead	1	
Live	No	Live	0	
SDL	No	Super Dead	0	
WX	No	Wind	0	None
WY	No	Wind	0	None

4.2 Applied Loads

4.2.1 Line Loads

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

UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
393	WX	Story3	B187	Force	Local-2	Relative	0	1	0
394	WX	Story3	B188	Force	Local-2	Relative	0	1	0
395	WX	Story3	B189	Force	Local-2	Relative	0	1	0
396	WX	Story3	B190	Force	Local-2	Relative	0	1	0
397	WX	Story3	B191	Force	Local-2	Relative	0	1	0
398	WX	Story3	B192	Force	Local-2	Relative	0	1	0
399	WX	Story3	B193	Force	Local-2	Relative	0	1	0
400	WX	Story3	B194	Force	Local-2	Relative	0	1	0
401	WX	Story3	B195	Force	Local-2	Relative	0	1	0
402	WX	Story3	B196	Force	Local-2	Relative	0	1	0
403	WX	Story3	B197	Force	Local-2	Relative	0	1	0
404	WX	Story3	B198	Force	Local-2	Relative	0	1	0
405	WX	Story3	B199	Force	Local-2	Relative	0	1	0
406	WX	Story3	B200	Force	Local-2	Relative	0	1	0
407	WX	Story3	B201	Force	Local-2	Relative	0	1	0
408	WX	Story3	B202	Force	Local-2	Relative	0	1	0
557	WX	Story3	B166	Force	Local-2	Relative	0	1	0
558	WX	Story3	B167	Force	Local-2	Relative	0	1	0
559	WX	Story3	B168	Force	Local-2	Relative	0	1	0
622	WX	Story3	B315	Force	Local-2	Relative	0	1	0
623	WX	Story3	B316	Force	Local-2	Relative	0	1	0
624	WX	Story3	B317	Force	Local-2	Relative	0	1	0
625	WX	Story3	B318	Force	Local-2	Relative	0	1	0
626	WX	Story3	B319	Force	Local-2	Relative	0	1	0
627	WX	Story3	B320	Force	Local-2	Relative	0	1	0
628	WX	Story3	B321	Force	Local-2	Relative	0	1	0
629	WX	Story3	B322	Force	Local-2	Relative	0	1	0
630	WX	Story3	B323	Force	Local-2	Relative	0	1	0
631	WX	Story3	B324	Force	Local-2	Relative	0	1	0
632	WX	Story3	B325	Force	Local-2	Relative	0	1	0
633	WX	Story3	B326	Force	Local-2	Relative	0	1	0
634	WX	Story3	B327	Force	Local-2	Relative	0	1	0
635	WX	Story3	B328	Force	Local-2	Relative	0	1	0
636	WX	Story3	B329	Force	Local-2	Relative	0	1	0
637	WX	Story3	B330	Force	Local-2	Relative	0	1	0
788	WX	Story3	B414	Force	Local-2	Relative	0	1	0
789	WX	Story3	B415	Force	Local-2	Relative	0	1	0

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UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
790	WX	Story3	B416	Force	Local-2	Relative	0	1	0
851	WX	Story3	B447	Force	Local-2	Relative	0	1	0
852	WX	Story3	B448	Force	Local-2	Relative	0	1	0
853	WX	Story3	B449	Force	Local-2	Relative	0	1	0
854	WX	Story3	B450	Force	Local-2	Relative	0	1	0
855	WX	Story3	B451	Force	Local-2	Relative	0	1	0
856	WX	Story3	B452	Force	Local-2	Relative	0	1	0
857	WX	Story3	B453	Force	Local-2	Relative	0	1	0
858	WX	Story3	B454	Force	Local-2	Relative	0	1	0
859	WX	Story3	B455	Force	Local-2	Relative	0	1	0
860	WX	Story3	B456	Force	Local-2	Relative	0	1	0
861	WX	Story3	B457	Force	Local-2	Relative	0	1	0
862	WX	Story3	B458	Force	Local-2	Relative	0	1	0
863	WX	Story3	B459	Force	Local-2	Relative	0	1	0
864	WX	Story3	B460	Force	Local-2	Relative	0	1	0
865	WX	Story3	B461	Force	Local-2	Relative	0	1	0
866	WX	Story3	B462	Force	Local-2	Relative	0	1	0
1017	WX	Story3	B546	Force	Local-2	Relative	0	1	0
1018	WX	Story3	B547	Force	Local-2	Relative	0	1	0
1019	WX	Story3	B548	Force	Local-2	Relative	0	1	0
1080	WX	Story3	B576	Force	Local-2	Relative	0	1	0
1081	WX	Story3	B580	Force	Local-2	Relative	0	1	0
1082	WX	Story3	B581	Force	Local-2	Relative	0	1	0
1083	WX	Story3	B582	Force	Local-2	Relative	0	1	0
1084	WX	Story3	B583	Force	Local-2	Relative	0	1	0
1085	WX	Story3	B584	Force	Local-2	Relative	0	1	0
1086	WX	Story3	B585	Force	Local-2	Relative	0	1	0
1087	WX	Story3	B586	Force	Local-2	Relative	0	1	0
1088	WX	Story3	B587	Force	Local-2	Relative	0	1	0
1089	WX	Story3	B588	Force	Local-2	Relative	0	1	0
1090	WX	Story3	B589	Force	Local-2	Relative	0	1	0
1091	WX	Story3	B590	Force	Local-2	Relative	0	1	0
1092	WX	Story3	B591	Force	Local-2	Relative	0	1	0
1093	WX	Story3	B592	Force	Local-2	Relative	0	1	0
1094	WX	Story3	B593	Force	Local-2	Relative	0	1	0
1095	WX	Story3	B594	Force	Local-2	Relative	0	1	0
1248	WX	Story3	B676	Force	Local-2	Relative	0	1	0
1247	WX	Story3	B679	Force	Local-2	Relative	0	1	0
1248	WX	Story3	B680	Force	Local-2	Relative	0	1	0
1308	WX	Story3	B711	Force	Local-2	Relative	0	1	0
1310	WX	Story3	B712	Force	Local-2	Relative	0	1	0
1311	WX	Story3	B713	Force	Local-2	Relative	0	1	0
1312	WX	Story3	B714	Force	Local-2	Relative	0	1	0
1313	WX	Story3	B715	Force	Local-2	Relative	0	1	0
1314	WX	Story3	B716	Force	Local-2	Relative	0	1	0
1315	WX	Story3	B717	Force	Local-2	Relative	0	1	0
1316	WX	Story3	B718	Force	Local-2	Relative	0	1	0
1317	WX	Story3	B719	Force	Local-2	Relative	0	1	0
1318	WX	Story3	B720	Force	Local-2	Relative	0	1	0
1319	WX	Story3	B721	Force	Local-2	Relative	0	1	0
1320	WX	Story3	B722	Force	Local-2	Relative	0	1	0
1321	WX	Story3	B723	Force	Local-2	Relative	0	1	0
1322	WX	Story3	B724	Force	Local-2	Relative	0	1	0
1323	WX	Story3	B725	Force	Local-2	Relative	0	1	0
1324	WX	Story3	B726	Force	Local-2	Relative	0	1	0
1475	WX	Story3	B810	Force	Local-2	Relative	0	1	0
1476	WX	Story3	B811	Force	Local-2	Relative	0	1	0
1477	WX	Story3	B812	Force	Local-2	Relative	0	1	0

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UniqueName	Load Pattern	Story	Label	Load Type	Direction	Distance Type	Relative Distance A	Relative Distance B	Absolute Distance A m
1538	WX	Story3	B843	Force	Local-2	Relative	0	1	0
1539	WX	Story3	B844	Force	Local-2	Relative	0	1	0
1540	WX	Story3	B845	Force	Local-2	Relative	0	1	0
1541	WX	Story3	B846	Force	Local-2	Relative	0	1	0
1542	WX	Story3	B847	Force	Local-2	Relative	0	1	0
1543	WX	Story3	B848	Force	Local-2	Relative	0	1	0
1544	WX	Story3	B849	Force	Local-2	Relative	0	1	0
1545	WX	Story3	B850	Force	Local-2	Relative	0	1	0
1546	WX	Story3	B851	Force	Local-2	Relative	0	1	0
1547	WX	Story3	B852	Force	Local-2	Relative	0	1	0
1548	WX	Story3	B853	Force	Local-2	Relative	0	1	0
1549	WX	Story3	B854	Force	Local-2	Relative	0	1	0
1550	WX	Story3	B855	Force	Local-2	Relative	0	1	0
1551	WX	Story3	B856	Force	Local-2	Relative	0	1	0
1552	WX	Story3	B857	Force	Local-2	Relative	0	1	0
1553	WX	Story3	B858	Force	Local-2	Relative	0	1	0
1704	WX	Story3	B942	Force	Local-2	Relative	0	1	0
1705	WX	Story3	B943	Force	Local-2	Relative	0	1	0
1706	WX	Story3	B944	Force	Local-2	Relative	0	1	0
1767	WX	Story3	B975	Force	Local-2	Relative	0	1	0
1768	WX	Story3	B976	Force	Local-2	Relative	0	1	0
1769	WX	Story3	B977	Force	Local-2	Relative	0	1	0
1770	WX	Story3	B978	Force	Local-2	Relative	0	1	0
1771	WX	Story3	B979	Force	Local-2	Relative	0	1	0
1772	WX	Story3	B980	Force	Local-2	Relative	0	1	0
1773	WX	Story3	B981	Force	Local-2	Relative	0	1	0
1774	WX	Story3	B982	Force	Local-2	Relative	0	1	0
1775	WX	Story3	B983	Force	Local-2	Relative	0	1	0
1776	WX	Story3	B984	Force	Local-2	Relative	0	1	0
1777	WX	Story3	B985	Force	Local-2	Relative	0	1	0
1778	WX	Story3	B986	Force	Local-2	Relative	0	1	0
1779	WX	Story3	B987	Force	Local-2	Relative	0	1	0
1780	WX	Story3	B988	Force	Local-2	Relative	0	1	0
1781	WX	Story3	B989	Force	Local-2	Relative	0	1	0
1782	WX	Story3	B990	Force	Local-2	Relative	0	1	0
1933	WX	Story3	B1074	Force	Local-2	Relative	0	1	0
1934	WX	Story3	B1075	Force	Local-2	Relative	0	1	0
1935	WX	Story3	B1076	Force	Local-2	Relative	0	1	0
1998	WX	Story3	B1107	Force	Local-2	Relative	0	1	0
1997	WX	Story3	B1108	Force	Local-2	Relative	0	1	0
1998	WX	Story3	B1109	Force	Local-2	Relative	0	1	0
1999	WX	Story3	B1110	Force	Local-2	Relative	0	1	0
2000	WX	Story3	B1111	Force	Local-2	Relative	0	1	0
2001	WX	Story3	B1112	Force	Local-2	Relative	0	1	0
2002	WX	Story3	B1113	Force	Local-2	Relative	0	1	0
2003	WX	Story3	B1114	Force	Local-2	Relative	0	1	0
2004	WX	Story3	B1115	Force	Local-2	Relative	0	1	0
2005	WX	Story3	B1116	Force	Local-2	Relative	0	1	0
2006	WX	Story3	B1117	Force	Local-2	Relative	0	1	0
2007	WX	Story3	B1118	Force	Local-2	Relative	0	1	0
2008	WX	Story3	B1119	Force	Local-2	Relative	0	1	0
2009	WX	Story3	B1120	Force	Local-2	Relative	0	1	0
2010	WX	Story3	B1121	Force	Local-2	Relative	0	1	0
2011	WX	Story3	B1122	Force	Local-2	Relative	0	1	0
2162	WX	Story3	B1206	Force	Local-2	Relative	0	1	0
2163	WX	Story3	B1207	Force	Local-2	Relative	0	1	0
2164	WX	Story3	B1208	Force	Local-2	Relative	0	1	0
2185	WX	Story3	B1215	Force	Local-2	Relative	0	1	0

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UniqueName	Load Pattern	Story	Label</
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UniqueName	Load Pattern	Absolute Distance B m	Force A kg/m	Force B kg/m
633	WX	1.2515	-30	-30
634	WX	1.2515	-30	-30
635	WX	1.2515	-30	-30
636	WX	1.2515	-30	-30
637	WX	1.2515	-30	-30
786	WX	0.4349	-30	-30
789	WX	0.4349	-30	-30
790	WX	0.4349	-30	-30
851	WX	1.2515	-30	-30
852	WX	1.2515	-30	-30
853	WX	1.2515	-30	-30
854	WX	1.2515	-30	-30
855	WX	1.2515	-30	-30
856	WX	1.2515	-30	-30
857	WX	1.2515	-30	-30
858	WX	1.2515	-30	-30
859	WX	1.2515	-30	-30
860	WX	1.2515	-30	-30
861	WX	1.2515	-30	-30
862	WX	1.2515	-30	-30
883	WX	1.2515	-30	-30
884	WX	1.2515	-30	-30
885	WX	1.2515	-30	-30
886	WX	1.2515	-30	-30
1017	WX	0.4349	-30	-30
1018	WX	0.4349	-30	-30
1019	WX	0.4349	-30	-30
1080	WX	1.2515	-30	-30
1081	WX	1.2515	-30	-30
1082	WX	1.2515	-30	-30
1083	WX	1.2515	-30	-30
1084	WX	1.2515	-30	-30
1085	WX	1.2515	-30	-30
1086	WX	1.2515	-30	-30
1087	WX	1.2515	-30	-30
1088	WX	1.2515	-30	-30
1089	WX	1.2515	-30	-30
1090	WX	1.2515	-30	-30
1091	WX	1.2515	-30	-30
1092	WX	1.2515	-30	-30
1093	WX	1.2515	-30	-30
1094	WX	1.2515	-30	-30
1095	WX	1.2515	-30	-30
1246	WX	0.4349	-30	-30
1247	WX	0.4349	-30	-30
1248	WX	0.4349	-30	-30
1309	WX	1.2515	-30	-30
1310	WX	1.2515	-30	-30
1311	WX	1.2515	-30	-30
1312	WX	1.2515	-30	-30
1313	WX	1.2515	-30	-30
1314	WX	1.2515	-30	-30
1315	WX	1.2515	-30	-30
1316	WX	1.2515	-30	-30
1317	WX	1.2515	-30	-30
1318	WX	1.2515	-30	-30
1319	WX	1.2515	-30	-30
1320	WX	1.2515	-30	-30

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UniqueName	Load Pattern	Absolute Distance B m	Force A kg/m	Force B kg/m
1321	WX	1.2515	-30	-30
1322	WX	1.2515	-30	-30
1323	WX	1.2515	-30	-30
1324	WX	1.2515	-30	-30
1475	WX	0.4349	-30	-30
1476	WX	0.4349	-30	-30
1477	WX	0.4349	-30	-30
1538	WX	1.2515	-30	-30
1539	WX	1.2515	-30	-30
1540	WX	1.2515	-30	-30
1541	WX	1.2515	-30	-30
1542	WX	1.2515	-30	-30
1543	WX	1.2515	-30	-30
1544	WX	1.2515	-30	-30
1545	WX	1.2515	-30	-30
1546	WX	1.2515	-30	-30
1547	WX	1.2515	-30	-30
1548	WX	1.2515	-30	-30
1549	WX	1.2515	-30	-30
1550	WX	1.2515	-30	-30
1551	WX	1.2515	-30	-30
1662	WX	1.2515	-30	-30
1653	WX	1.2515	-30	-30
1704	WX	0.4349	-30	-30
1705	WX	0.4349	-30	-30
1706	WX	0.4349	-30	-30
1767	WX	1.2515	-30	-30
1768	WX	1.2515	-30	-30
1769	WX	1.2515	-30	-30
1770	WX	1.2515	-30	-30
1771	WX	1.2515	-30	-30
1772	WX	1.2515	-30	-30
1773	WX	1.2515	-30	-30
1774	WX	1.2515	-30	-30
1775	WX	1.2515	-30	-30
1776	WX	1.2515	-30	-30
1777	WX	1.2515	-30	-30
1778	WX	1.2515	-30	-30
1779	WX	1.2515	-30	-30
1780	WX	1.2515	-30	-30
1781	WX	1.2515	-30	-30
1782	WX	1.2515	-30	-30
1933	WX	0.4349	-30	-30
1934	WX	0.4349	-30	-30
1935	WX	0.4349	-30	-30
1996	WX	1.2515	-30	-30
1997	WX	1.2515	-30	-30
1998	WX	1.2515	-30	-30
1999	WX	1.2515	-30	-30
2000	WX	1.2515	-30	-30
2001	WX	1.2515	-30	-30
2002	WX	1.2515	-30	-30
2003	WX	1.2515	-30	-30
2004	WX	1.2515	-30	-30
2005	WX	1.2515	-30	-30
2006	WX	1.2515	-30	-30
2007	WX	1.2515	-30	-30
2008	WX	1.2515	-30	-30

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UniqueName	Load Pattern	Absolute Distance B m	Force A kg/m	Force B kg/m
2009	WX	1.2515	-30	-30
2010	WX	1.2515	-30	-30
2011	WX	1.2515	-30	-30
2162	WX	0.4349	-30	-30
2163	WX	0.4349	-30	-30
2164	WX	0.4349	-30	-30
2185	WX	1.1283	-30	-30
2186	WX	1.1283	-30	-30
2187	WX	1.1283	-30	-30
2188	WX	1.1283	-30	-30
2225	WX	1.2515	-30	-30
2226	WX	1.2515	-30	-30
2227	WX	1.2515	-30	-30
2228	WX	1.2515	-30	-30
2229	WX	1.2515	-30	-30
2230	WX	1.2515	-30	-30
2231	WX	1.2515	-30	-30
2232	WX	1.2515	-30	-30
2233	WX	1.2515	-30	-30
2234	WX	1.2515	-30	-30
2235	WX	1.2515	-30	-30
2236	WX	1.2515	-30	-30
2237	WX	1.2515	-30	-30
2238	WX	1.2515	-30	-30
2239	WX	1.2515	-30	-30
2240	WX	1.2515	-30	-30
2391	WX	0.4349	-30	-30
2392	WX	0.4349	-30	-30
2393	WX	0.4349	-30	-30

4.2.2 Area Loads

Table 4.3 - Area Load Assignments - Uniform					
Story	Label	UniqueName	Load Pattern	Direction	Load kg/m2
Story1	F3	5	Live	Gravity	1000
Story1	F4	6	Live	Gravity	1000
Story1	F5	7	Live	Gravity	1000
Story1	F6	8	Live	Gravity	1000
Story1	F7	9	Live	Gravity	1000
Story1	F8	10	Live	Gravity	1000
Story1	F9	11	Live	Gravity	1000
Story1	F10	12	Live	Gravity	1000
Story1	F11	13	Live	Gravity	1000
Story1	F12	14	Live	Gravity	1000
Story1	F13	15	Live	Gravity	1000
Story1	F14	16	Live	Gravity	1000
Story1	F15	17	Live	Gravity	1000
Story1	F16	18	Live	Gravity	1000
Story1	F17	19	Live	Gravity	1000
Story1	F18	20	Live	Gravity	1000
Story1	F19	21	Live	Gravity	1000
Story1	F20	22	Live	Gravity	1000
Story1	F21	23	Live	Gravity	1000
Story1	F22	24	Live	Gravity	1000
Story1	F23	25	Live	Gravity	1000
Story1	F24	26	Live	Gravity	1000
Story1	F25	27	Live	Gravity	1000

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Story	Label	UniqueName	Load Pattern	Direction	Load kg/m2
Story1	F28	28	Live	Gravity	1000
Story1	F27	29	Live	Gravity	1000
Story1	F28	30	Live	Gravity	1000
Story1	F29	31	Live	Gravity	1000
Story1	F30	32	Live	Gravity	1000
Story1	F31	33	Live	Gravity	1000
Story1	F32	34	Live	Gravity	1000
Story1	F33	35	Live	Gravity	1000
Story1	F34	36	Live	Gravity	1000
Story1	F35	37	Live	Gravity	1000
Story1	F36	38	Live	Gravity	1000
Story1	F37	39	Live	Gravity	1000
Story1	F38	40	Live	Gravity	1000
Story1	F39	41	Live	Gravity	1000
Story1	F40	42	Live	Gravity	1000
Story1	F41	43	Live	Gravity	1000
Story1	F42	44	Live	Gravity	1000
Story1	F43	45	Live	Gravity	1000
Story1	F44	46	Live	Gravity	1000
Story1	F45	47	Live	Gravity	1000
Story1	F46	48	Live	Gravity	1000
Story1	F47	49	Live	Gravity	1000
Story1	F48	50	Live	Gravity	1000
Story1	F49	51	Live	Gravity	1000
Story1	F50	52	Live	Gravity	1000
Story1	F51	53	Live	Gravity	1000
Story1	F52	54	Live	Gravity	1000
Story1	F53	55	Live	Gravity	1000
Story1	F54	56	Live	Gravity	1000
Story1	F55	57	Live	Gravity	1000
Story1	F56	58	Live	Gravity	1000
Story1	F57	59	Live	Gravity	1000
Story1	F58	60	Live	Gravity	1000
Story1	F59	61	Live	Gravity	1000
Story1	F60	62	Live	Gravity	1000
Story1	F61	63	Live	Gravity	1000
Story1	F62	64	Live	Gravity	1000
Story1	F63	65	Live	Gravity	1000
Story1	F64	66	Live	Gravity	1000
Story1	F65	67	Live	Gravity	1000
Story1	F66	68	Live	Gravity	1000
Story1	F67	69	Live	Gravity	1000
Story1	F68	70	Live	Gravity	1000
Story1	F69	71	Live	Gravity	1000
Story1	F70	72	Live	Gravity	1000
Story1	F71	73	Live	Gravity	1000
Story1	F72	74	Live	Gravity	1000
Story1	F73	75	Live	Gravity	1000
Story1	F74	76	Live	Gravity	1000
Story1	F75	77	Live	Gravity	1000
Story1	F76	78	Live	Gravity	1000
Story1	F77	79	Live	Gravity	1000
Story1	F78	80	Live	Gravity	1000
Story1	F79	81	Live	Gravity	1000

4.3 Functions

4.3.1 Response Spectrum Functions

Table 4.4 - Functions - Response Spectrum - User Defined

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Name	Period sec	Value	Damping Ratio
TSL-RSF-D	0.01	0.09	0.05
TSL-RSF-D	0.12	0.225	
TSL-RSF-D	0.2	0.225	
TSL-RSF-D	0.5	0.224	
TSL-RSF-D	1	0.112	
TSL-RSF-D	2	0.056	
TSL-RSF-D	3	0.037	
TSL-RSF-D	4	0.028	
TSL-RSF-D	5	0.022	
TSL-RSF-D	6	0.019	
TSL-RSF-S	0.01	0.225	0.05
TSL-RSF-S	0.2	0.225	
TSL-RSF-S	0.5	0.224	
TSL-RSF-S	1	0.112	
TSL-RSF-S	2	0.056	
TSL-RSF-S	3	0.037	
TSL-RSF-S	4	0.028	
TSL-RSF-S	5	0.022	
TSL-RSF-S	6	0.019	

4.3.2 Time History Functions

Table 4.5 - Functions - Time History - User Defined

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

4.4 Load Cases

Table 4.6 - Load Case Definitions - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
Model	Modal - Eigen
SDL	Linear Static
WX	Linear Static
WY	Linear Static
EQX	Response Spectrum
EQY	Response Spectrum

4.5 Load Combinations

Table 4.7 - Load Combination Definitions

Name	Type	Is Auto	Load Name	SF	Notes
0.8D+0.7EQX	Linear Add	No	Dead	0.6	
0.8D+0.7EQX			SDL	0.5	
0.8D+0.7EQX			EQX	0.7	
0.8D+0.7EQY	Linear Add	No	Dead	0.6	
0.8D+0.7EQY			SDL	0.6	
0.8D+0.7EQY			EQY	0.7	
0.8D+WX	Linear Add	No	Dead	0.8	
0.8D+WX			SDL	0.8	
0.8D+WX			WX	1	
0.8D+WY	Linear Add	No	Dead	0.8	
0.8D+WY			SDL	0.8	
0.8D+WY			WY	1	

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Name	Type	Is Auto	Load Name	SF	Notes
0.8D+WY			WY	1	
0.8D+EQX	Linear Add	No	Dead	0.9	
0.8D+EQX			SDL	0.9	
0.8D+EQX			EQX	1	
0.8D+EQY	Linear Add	No	Dead	0.9	
0.8D+EQY			SDL	0.9	
0.8D+EQY			EQY	1	
0.8D+WX	Linear Add	No	Dead	0.9	
0.8D+WX			WX	1	
0.8D+WY	Linear Add	No	Dead	0.9	
0.8D+WY			WY	1	
0.8D+WY			SDL	0.9	
0.75(1.4D+1.7L)+EQX	Linear Add	No	Dead	1.05	
0.75(1.4D+1.7L)+EQX			Live	1.275	
0.75(1.4D+1.7L)+EQX			EQX	1	
0.75(1.4D+1.7L)+EQX			SDL	1.05	
0.75(1.4D+1.7L)+EQY	Linear Add	No	Dead	1.05	
0.75(1.4D+1.7L)+EQY			Live	1.275	
0.75(1.4D+1.7L)+EQY			EQY	1	
0.75(1.4D+1.7L)+EQY			SDL	1.05	
0.75(1.4D+1.7L)+1.7WX	Linear Add	No	Dead	1.05	
0.75(1.4D+1.7L)+1.7WX			Live	1.275	
0.75(1.4D+1.7L)+1.7WX			WX	1.275	
0.75(1.4D+1.7L)+1.7WX			SDL	1.05	
0.75(1.4D+1.7L)+1.7WY	Linear Add	No	Dead	1.05	
0.75(1.4D+1.7L)+1.7WY			Live	1.275	
0.75(1.4D+1.7L)+1.7WY			WY	1.275	
0.75(1.4D+1.7L)+1.7WY			SDL	1.05	
1.4D+1.7L	Linear Add	No	Dead	1.4	
1.4D+1.7L			SDL	1.4	
1.4D+1.7L			Live	1.7	
D+0.7EQX	Linear Add	No	Dead	1	
D+0.7EQX			SDL	1	
D+0.7EQX			EQX	0.7	
D+0.7EQY	Linear Add	No	Dead	1	
D+0.7EQY			SDL	1	
D+0.7EQY			EQY	0.7	
D+0.75L+0.75(0.7EQX)	Linear Add	No	Dead	1	
D+0.75L+0.75(0.7EQX)			SDL	1	
D+0.75L+0.75(0.7EQX)			EQX	0.525	
D+0.75L+0.75(0.7EQY)	Linear Add	No	Dead	1	
D+0.75L+0.75(0.7EQY)			SDL	1	
D+0.75L+0.75(0.7EQY)			EQY	0.525	
D+0.75L+0.75WX	Linear Add	No	Dead	1	
D+0.75L+0.75WX			SDL	1	
D+0.75L+0.75WX			WX	0.75	
D+0.75L+0.75WY	Linear Add	No	Dead	1	
D+0.75L+0.75WY			SDL	1	
D+0.75L+0.75WY			WY	0.75	
D+0.75L+0.75WY			WY	0.75	
D+L	Linear Add	No	Dead	1	
D+L			SDL	1	
D+L			Live	1	
D+WX	Linear Add	No	Dead	1	
D+WX			SDL	1	
D+WX			WX	1	

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Name	Type	Is Auto	Load Name	SF	Notes
D+WX	Linear Add	No	Dead	1	
D+WX			SDL	1	
D+WX			WX	1	

5 Analysis Results

This chapter provides analysis results.

5.1 Structure Results

Table 5.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m	MY kgf-m
Dead	LinStatic		0	0	1134756.06	26979087.06	-28578052
Live	LinStatic		0	0	2119500	50416625	-53622750
SDL	LinStatic		0	0	0	0	0
WX	LinStatic		-301.07	0	5888	152793	-59560.12
WY	LinStatic		0	0	0	0	0
EQX	LinRespSpec	Max	22730.32	1309.82	0	5623.52	138104.82
EQY	LinRespSpec	Max	1309.54	45295.37	0	211355.89	7616.75
1.4D+1.7L	Combination		0	0	5191808.48	123462384.42	-150997548
0.9D+WX	Combination		-301.07	0	1027166.45	24433971.38	-25779008.92
0.9D+WY	Combination		0	0	1021280.45	24281178.38	-25720248.8
0.75(1.4D+1.7L)+1.7WX	Combination		-383.87	0	3901361.01	92808599.39	-98324400
0.75(1.4D+1.7L)+1.7WY	Combination		0	0	3833556.36	92611788.32	-98248460.84
0.75(1.4D+1.7L)+EQX	Combination	Max	22730.32	1309.82	3893658.36	92617411.84	-98110356.22
0.75(1.4D+1.7L)+EQX	Combination	Min	-22730.32	-1309.82	3893658.36	92606164.78	-98386565.47
0.75(1.4D+1.7L)+EQY	Combination	Max	1309.54	45295.37	3893658.36	92823144.21	-98240844.1
0.75(1.4D+1.7L)+EQY	Combination	Min	-1309.54	-45295.37	3893658.36	92400432.43	-98259077.59
0.9D+EQX	Combination	Max	22730.32	1309.82	1021280.45	24286801.9	-25582142.17
0.9D+EQX	Combination	Min	-22730.32	-1309.82	1021280.45	24275554.85	-25583351.42
0.9D+EQY	Combination	Max	1309.54	45295.37	1021280.45	24482534.27	-25712630.05
0.9D+EQY	Combination	Min	-1309.54	-45295.37	1021280.45	24069822.49	-25727863.54
D+L	Combination		0	0	3254256.06	77397712.09	-82100802
D+0.75L+0.75WX	Combination		-225.8	0	2729795.95	64897650.59	-68784768.59
D+0.75L+0.75(0.7EQX)	Combination	Max	0	0	2724381.06	64793055.84	-68720114.5
D+0.75L+0.75(0.7EQX)	Combination	Min	-11933.42	-687.55	2724381.06	64790103.49	-68792816.42
D+0.75L+0.75(0.7EQY)	Combination	Max	687.51	23780.07	2724381.06	64904017.68	-68710115.7
D+0.75L+0.75(0.7EQY)	Combination	Min	-687.51	-23780.07	2724381.06	64882093.89	-68724113.29
D+WX	Combination		-301.07	0	1140642.06	27131880.09	-28637612.12
D+WY	Combination		0	0	1134756.06	26979087.09	-28578052
D+0.7EQX	Combination	Max	15911.23	916.73	1134756.06	26983023.55	-28481378.76
D+0.7EQX	Combination	Min	-15911.23	-916.73	1134756.06	26975150.82	-28674725.23
D+0.7EQY	Combination	Max	916.88	31706.76	1134756.06	27127036.21	-28572720.27
D+0.7EQY	Combination	Min	-916.88	-31706.76	1134756.06	26831137.96	-2865383.72
0.8D+WX	Combination		-301.07	0	886738.84	16340245.25	-1720335.32
0.8D+WY	Combination		0	0	880853.84	16187452.25	-1714831.2
0.8D+0.7EQX	Combination	Max	15911.23	916.73	880853.84	16181368.72	-17050197.96
0.8D+0.7EQX	Combination	Min	-15911.23	-916.73	880853.84	16183515.78	-17243504.43
0.8D+0.7EQY	Combination	Max	916.88	31706.76	880853.84	16335401.38	-17141499.48
0.8D+0.7EQY	Combination	Min	-916.88	-31706.76	880853.84	16039503.13	-17152162.92

Table 5.1 - Base Reactions (Part 2 of 2)

MZ kgf-m	X m	Y m	Z m
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
7629.58	0	0	0
0	0	0	0
551493.8	0	0	0
1087733.01	0	0	0
0	0	0	0
7809.58	0	0	0
0	0	0	0

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MZ	X	Y	Z
kgf-m	m	m	m
9957.22	0	0	0
0	0	0	0
581493.6	0	0	0
-581493.6	0	0	0
1087733.01	0	0	0
-1087733.01	0	0	0
581493.6	0	0	0
-581493.6	0	0	0
1087733.01	0	0	0
-1087733.01	0	0	0
0	0	0	0
5857.19	0	0	0
0	0	0	0
305294.14	0	0	0
-305294.14	0	0	0
571059.83	0	0	0
-571059.83	0	0	0
7809.58	0	0	0
0	0	0	0
407045.52	0	0	0
-407045.52	0	0	0
761413.11	0	0	0
-761413.11	0	0	0
7809.58	0	0	0
0	0	0	0
407045.52	0	0	0
-407045.52	0	0	0
761413.11	0	0	0
-761413.11	0	0	0

5.2 Story Results

Table 5.2 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X	Y	Z
							m	m	m
Story2	Dead	LinStatic		X	0.000176	51	20	25.5	7
Story2	Dead	LinStatic		Y	8.2E-05	79	39	5.5	7
Story2	Live	LinStatic		X	0.000324	47	20	10.5	7
Story2	Live	LinStatic		Y	1.9E-05	65	29	45.5	7
Story2	EQX	LinRespSpec	Max	X	0.000152	51	20	25.5	7
Story2	EQX	LinRespSpec	Max	Y	0.000409	41	0	32.5	7
Story2	EQY	LinRespSpec	Max	X	0.000478	24	10	5.5	7
Story2	EQY	LinRespSpec	Max	Y	0.000490	66	29	45.5	7
Story2	1.4D+1.7L	Combination		X	0.000788	50	20	20.5	7
Story2	1.4D+1.7L	Combination		Y	8.2E-05	79	39	5.5	7
Story2	0.9D+WX	Combination		X	0.00031	51	20	25.5	7
Story2	0.9D+WX	Combination		Y	0.000158	51	20	25.5	7
Story2	0.9D+WY	Combination		X	5.6E-05	79	39	5.5	7
Story2	0.9D+WY	Combination		Y	0.000782	51	20	25.5	7
Story2	0.75(1.4D+1.7L+1.7WY)	Combination		X	0.000591	50	20	20.5	7
Story2	0.75(1.4D+1.7L+1.7WY)	Combination		Y	8.2E-05	79	39	5.5	7
Story2	0.75(1.4D+1.7L)+EQX	Combination	Max	X	0.002426	41	0	32.5	7
Story2	0.75(1.4D+1.7L)+EQX	Combination	Max	Y	0.000521	33	10	45.5	7
Story2	0.75(1.4D+1.7L)+EQX	Combination	Min	X	0.000422	107	49	35.5	7
Story2	0.75(1.4D+1.7L)+EQX	Combination	Min	Y	0.00053	24	10	5.5	7
Story2	0.75(1.4D+1.7L)+EQY	Combination	Max	X	0.004921	66	29	45.5	7
Story2	0.75(1.4D+1.7L)+EQY	Combination	Min	Y	0.00499	66	29	45.5	7
Story2	0.9D+EQX	Combination	Max	X	0.003452	107	49	32.5	7
Story2	0.9D+EQX	Combination	Max	Y	0.000608	33	10	45.5	7
Story2	0.9D+EQX	Combination	Min	X	0.003451	41	0	32.5	7

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Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Story2	0.9D+EQX	Combination	Min	Y	0.000521	24	10	5.5	7
Story2	0.9D+EQY	Combination	Max	Y	0.004888	66	29	45.5	7
Story2	0.9D+EQY	Combination	Min	Y	0.004913	66	29	45.5	7
Story2	D+L	Combination		X	0.000484	50	20	20.5	7
Story2	D+L	Combination		Y	5.9E-05	79	39	5.5	7
Story2	D+0.75L+0.75WY	Combination		X	0.000527	51	20	25.5	7
Story2	D+0.75L+0.75WY	Combination		X	0.000414	50	20	20.5	7
Story2	D+0.75L+0.75WY	Combination		Y	6E-05	79	39	5.5	7
Story2	D+0.75L+0.75(0.7EQX)	Combination	Max	X	0.0018	107	49	32.5	7
Story2	D+0.75L+0.75(0.7EQX)	Combination	Max	Y	0.000295	33	10	45.5	7
Story2	D+0.75L+0.75(0.7EQX)	Combination	Min	X	0.001787	41	0	32.5	7
Story2	D+0.75L+0.75(0.7EQX)	Combination	Min	Y	0.0003	24	10	5.5	7
Story2	D+0.75L+0.75(0.7EQY)	Combination	Max	Y	0.002581	66	29	45.5	7
Story2	D+0.75L+0.75(0.7EQY)	Combination	Min	Y	0.00257	66	29	45.5	7
Story2	D+WX	Combination		X	0.000328	51	20	25.5	7
Story2	D+WY	Combination		X	0.000176	51	20	25.5	7
Story2	D+WY	Combination		Y	6.2E-05	79	39	5.5	7
Story2	D+0.7EQX	Combination	Max	X	0.002434	107	49	32.5	7
Story2	D+0.7EQX	Combination	Min	X	0.000371	33	10	45.5	7
Story2	D+0.7EQX	Combination	Min	X	0.002433	41	0	32.5	7
Story2	D+0.7EQX	Combination	Min	Y	0.000383	24	10	5.5	7
Story2	D+0.7EQY	Combination	Max	Y	0.003426	66	29	45.5	7
Story2	D+0.7EQY	Combination	Min	Y	0.000257	51	20	25.5	7
Story2	0.8D+WX	Combination		X	0.000106	51	20	25.5	7
Story2	0.8D+WY	Combination		Y	3.7E-05	79	39	5.5	7
Story2	0.8D+0.7EQX	Combination	Max	X	0.002415	107	49	32.5	7
Story2	0.8D+0.7EQX	Combination	Max	Y	0.000355	33	10	45.5	7
Story2	0.8D+0.7EQX	Combination	Min	X	0.002415	41	0	32.5	7
Story2	0.8D+0.7EQX	Combination	Min	Y	0.000363	24	10	5.5	7
Story2	0.8D+0.7EQY	Combination	Max	Y	0.003429	66	29	45.5	7
Story2	0.8D+0.7EQY	Combination	Min	Y	0.003439	66	29	45.5	7
Story1	Dead	LinStatic		X	4.2E-05	3	0	10.5	1
Story1	Dead	LinStatic		Y	1.4E-05	45	20	0	1
Story1	Live	LinStatic		X	0.000113	4	0	15.5	1
Story1	Live	LinStatic		Y	4.2E-05	45	20	0	1
Story1	WX	LinStatic		X	8E-06	108	49	35.5	1
Story1	EQX	LinRespSpec	Max	X	0.00022	108	49	35.5	1
Story1	EQX	LinRespSpec	Max	Y	0.000128	7	0	25.5	1
Story1	EQY	LinRespSpec	Max	Y	0.000774	44	15	45.5	1
Story1	1.4D+1.7L	Combination		X	0.00025	4	0	15.5	1
Story1	1.4D+1.7L	Combination		Y	9.1E-05	45	20	0	1
Story1	0.9D+WX	Combination		X	4.1E-05	1	0	30.5	1
Story1	0.9D+WX	Combination		Y	1.3E-05	45	20	0	1
Story1	0.9D+WY	Combination		X	3.8E-05	3	0	10.5	1
Story1	0.9D+WY	Combination		Y	1.3E-05	45	20	0	1
Story1	0.75(1.4D+1.7L+1.7WY)	Combination		X	0.000191	4	0	15.5	1
Story1	0.75(1.4D+1.7L+1.7WY)	Combination		Y	8.8E-05	45	20	0	1
Story1	0.75(1.4D+1.7L+1.7WY)	Combination		X	0.000198	4	0	15.5	1
Story1	0.75(1.4D+1.7L+1.7WY)	Combination		Y	8.8E-05	45	20	0	1
Story1	0.75(1.4D+1.7L)+EQX	Combination	Max	X	0.000599	6	0	20.5	1
Story1	0.75(1.4D+1.7L)+EQX	Combination	Max	Y	0.000111	1	0	30.5	1
Story1	0.75(1.4D+1.7L)+EQX	Combination	Min	X	0.000361	108	49	35.5	1
Story1	0.75(1.4D+1.7L)+EQX	Combination	Min	Y	0.000147	6	0	20.5	1
Story1	0.75(1.4D+1.7L)+EQY	Combination	Max	Y	0.000811	66	29	45.5	1
Story1	0.75(1.4D+1.7L)+EQY	Combination	Min	Y	0.000834	45	20	0	1
Story1	0.9D+EQX	Combination	Max	X	0.000256	9	0	35.5	1
Story1	0.9D+EQX	Combination	Max	Y	0.000125	1	0	30.5	1
Story1	0.9D+EQX	Combination	Min	X	0.000256	108	49	35.5	1
Story1	0.9D+EQX	Combination	Min	Y	0.000131	6	0	20.5	1

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Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X	Y	Z
							m	m	m
Story1	0.9D+EQY	Combination	Max	Y	0.000778	44	15	45.5	1
Story1	0.9D+EQY	Combination	Min	Y	0.000778	45	20	0	1
Story1	D+L	Combination		X	0.000194	4	0	15.5	1
Story1	D+L	Combination		Y	5.6E-05	45	20	0	1
Story1	D+0.75L+0.75WY	Combination		X	0.000128	1	0	30.5	1
Story1	D+0.75L+0.75WY	Combination		Y	4.6E-05	45	20	0	1
Story1	D+0.75L+0.75WY	Combination		X	0.000128	4	0	15.5	1
Story1	D+0.75L+0.75WY	Combination		Y	4.6E-05	45	20	0	1
Story1	D+0.75L+0.75(0.7EQX)	Combination	Max	X	0.000237	6	0	20.5	1
Story1	D+0.75L+0.75(0.7EQX)	Combination	Max	Y	6.1E-05	34	49	30.5	1
Story1	D+0.75L+0.75(0.7EQX)	Combination	Min	X	0.000231	108	49	35.5	1
Story1	D+0.75L+0.75(0.7EQX)	Combination	Min	Y	8.1E-05	6	0	20.5	1
Story1	D+0.75L+0.75(0.7EQY)	Combination	Max	Y	0.000431	66	29	45.5	1
Story1	D+0.75L+0.75(0.7EQY)	Combination	Min	Y	0.000448	45	20	0	1
Story1	D+WX	Combination		X	4.5E-05	1	0	30.5	1
Story1	D+WX	Combination		Y	1.4E-05	45	20	0	1
Story1	D+WY	Combination		X	4.2E-05	3	0	10.5	1
Story1	D+WY	Combination		Y	1.4E-05	45	20	0	1
Story1	D+0.7EQX	Combination	Max	X	0.000184	9	0	35.5	1
Story1	D+0.7EQX	Combination	Max	Y	8.7E-05	1	0	30.5	1
Story1	D+0.7EQX	Combination	Min	X	0.000193	108	49	35.5	1
Story1	D+0.7EQX	Combination	Min	Y	9.4E-05	6	0	20.5	1
Story1	D+0.7EQY	Combination	Max	Y	0.000545	66	29	45.5	1
Story1	D+0.7EQY	Combination	Min	Y	0.00055	45	20	0	1
Story1	0.8D+WX	Combination		X	2.8E-05	1	0	30.5	1
Story1	0.8D+WX	Combination		Y	9E-06	45	20	0	1
Story1	0.8D+WY	Combination		X	2.3E-05	3	0	10.5	1
Story1	0.8D+WY	Combination		Y	9E-06	45	20	0	1
Story1	0.8D+0.7EQX	Combination	Max	X	0.000178	9	0	35.5	1
Story1	0.8D+0.7EQX	Combination	Max	Y	8.7E-05	1	0	30.5	1
Story1	0.8D+0.7EQX	Combination	Min	X	0.000178	108	49	35.5	1
Story1	0.8D+0.7EQX	Combination	Min	Y	8.1E-05	6	0	20.5	1
Story1	0.8D+0.7EQY	Combination	Max	Y	0.000543	44	15	45.5	1
Story1	0.8D+0.7EQY	Combination	Min	Y	0.000544	45	20	0	1

Table 5.3 - Story Max Over Avg Drifts

Story	Output Case	Case Type	Step Type	Direction	Max Drift m	Avg Drift m	Ratio
Story2	Dead	LinStatic		X	0.001057	8E-06	131.271
Story2	Dead	LinStatic		Y	0.000375	6.2E-05	6.063
Story2	Live	LinStatic		X	0.001944	3.5E-05	55.791
Story2	Live	LinStatic		Y	0.000113	1.2E-05	9.447
Story2	WX	LinExpSpec	Max	X	0.020011	0.000311	2.92
Story2	EQX	LinExpSpec	Max	X	0.020043	0.010831	1.868
Story2	EQX	LinRespSpec	Max	Y	0.020686	0.010154	1.868
Story2	EQY	LinRespSpec	Max	Y	0.029435	0.016153	1.622
Story2	1.4D+1.7L	Combination	Max	X	0.047429	5.4E-05	87.251
Story2	1.4D+1.7L	Combination	Y	Y	0.000493	1.5E-05	33.172
Story2	0.8D+WX	Combination	X	X	0.01862	0.000564	3.302
Story2	0.8D+WX	Combination	Y	Y	0.000951	7E-06	131.271
Story2	0.8D+WX	Combination	Y	Y	0.000337	5.6E-05	6.063
Story2	0.75(1.4D+1.7L+1.7WX)	Combination	Max	X	0.046491	0.000748	6.287
Story2	0.75(1.4D+1.7L+1.7WY)	Combination	Max	Y	0.026547	4.1E-05	87.251
Story2	0.75(1.4D+1.7L+EQX)	Combination	Max	X	0.020037	3.1E-05	33.172
Story2	0.75(1.4D+1.7L+EQY)	Combination	Max	Y	0.020057	0.010847	1.895
Story2	0.75(1.4D+1.7L+EQX)	Combination	Max	Y	0.003126	0.010181	1.94
Story2	0.75(1.4D+1.7L+EQY)	Combination	Min	X	0.02093	0.010607	1.935
Story2	0.75(1.4D+1.7L+EQX)	Combination	Min	Y	0.003177	0.010187	1.952
Story2	0.75(1.4D+1.7L+EQY)	Combination	Max	Y	0.029257	0.016121	1.832

Story	Output Case	Case Type	Step Type	Direction	Max Drift m	Avg Drift m	Ratio
Story1	0.75(1.4D+1.7L)+EQY	Combination	Min	Y	0.000834	0.000699	1.192
Story1	0.9D+EQX	Combination	Max	X	0.000256	0.000204	1.258
Story1	0.9D+EQX	Combination	Max	Y	0.000125	6.8E-05	1.801
Story1	0.9D+EQX	Combination	Min	X	0.000256	0.000208	1.242
Story1	0.9D+EQX	Combination	Min	Y	0.000131	6.8E-05	1.915
Story1	0.9D+EQY	Combination	Max	Y	0.000778	0.000679	1.143
Story1	0.9D+EQY	Combination	Min	Y	0.000778	0.000675	1.153
Story1	D+L	Combination	Max	X	0.000154	4E-06	34.498
Story1	D+L	Combination	Max	Y	5.6E-05	1E-05	5.384
Story1	D+0.75L+0.75WX	Combination	Max	X	0.000128	7E-06	19.683
Story1	D+0.75L+0.75WX	Combination	Min	Y	4.6E-05	9E-06	5.249
Story1	D+0.75L+0.75WY	Combination	Max	X	0.000128	4E-06	35.304
Story1	D+0.75L+0.75WY	Combination	Min	Y	4.6E-05	9E-06	5.25
Story1	D+0.75L+0.75(0.7EQX)	Combination	Max	X	0.000237	0.000113	2.103
Story1	D+0.75L+0.75(0.7EQX)	Combination	Max	Y	6.1E-05	1.9E-05	3.216
Story1	D+0.75L+0.75(0.7EQX)	Combination	Min	X	0.000231	0.000105	2.195
Story1	D+0.75L+0.75(0.7EQX)	Combination	Min	Y	8.1E-05	3E-05	2.737
Story1	D+0.75L+0.75(0.7EQY)	Combination	Max	Y	0.000431	0.000372	1.16
Story1	D+0.75L+0.75(0.7EQY)	Combination	Min	Y	0.000448	0.000371	1.207
Story1	D+WX	Combination	Max	X	4.5E-05	5E-06	8.684
Story1	D+WX	Combination	Min	Y	1.4E-05	3E-06	4.678
Story1	D+WY	Combination	Max	X	4.2E-05	1E-06	38.545
Story1	D+WY	Combination	Min	Y	1.4E-05	3E-06	4.682
Story1	D+0.7EQX	Combination	Max	Y	0.000194	0.000144	1.34
Story1	D+0.7EQX	Combination	Min	X	0.000193	0.000144	1.343
Story1	D+0.7EQX	Combination	Min	Y	9.4E-05	4.8E-05	1.971
Story1	D+0.7EQY	Combination	Max	Y	0.000548	0.000477	1.142
Story1	D+0.7EQY	Combination	Min	Y	0.00055	0.000474	1.16
Story1	0.6D+WX	Combination	Max	X	2.2E-05	5E-06	5.778
Story1	0.6D+WX	Combination	Min	Y	9E-06	2E-06	4.546
Story1	0.6D+WY	Combination	Max	X	2.5E-05	1E-06	38.545
Story1	0.6D+WY	Combination	Min	Y	9E-06	2E-06	4.692
Story1	0.6D+0.7EQX	Combination	Max	X	0.000178	0.000142	1.251
Story1	0.6D+0.7EQX	Combination	Max	Y	8.7E-05	4.8E-05	1.895
Story1	0.6D+0.7EQX	Combination	Min	X	0.000178	0.000144	1.234
Story1	0.6D+0.7EQX	Combination	Min	Y	9.1E-05	4.8E-05	1.91
Story1	0.6D+0.7EQY	Combination	Max	Y	0.000543	0.000475	1.143
Story1	0.6D+0.7EQY	Combination	Min	Y	0.000544	0.000473	1.152

Table 5.4 - Story Forces (Part 1 of 2)

Story	Location	Output Case	Case Type	Step Type	P kgf	VX kgf	VY kgf	T kgf-m
Story3	Top	Dead	LinStatic		0	0	0	0
Story3	Bottom	Dead	LinStatic		13431.02	0	0	0
Story3	Top	Live	LinStatic		0	0	0	0
Story3	Bottom	Live	LinStatic		0	0	0	0
Story3	Top	SDL	LinStatic		0	0	0	0
Story3	Bottom	SDL	LinStatic		0	0	0	0
Story3	Top	WX	LinStatic		5886	-301.07	0	7809.58
Story3	Bottom	WX	LinStatic		0	0	0	0
Story3	Top	WY	LinStatic		0	0	0	0
Story3	Bottom	WY	LinStatic		0	0	0	0
Story3	Top	EQX	LinRespSpec	Max	0	1908.43	25.41	50984.14
Story3	Bottom	EQX	LinRespSpec	Max	0	1908.43	25.41	50984.14
Story3	Top	EQY	LinRespSpec	Max	0	83.79	1716.51	42106.08
Story3	Bottom	EQY	LinRespSpec	Max	0	83.79	1716.51	42106.08
Story3	Top	1.4D+1.7L	Combination		0	0	0	0
Story3	Bottom	1.4D+1.7L	Combination		18803.43	0	0	0

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Story	Location	Output Case	Case Type	Step Type	P kgf	VX kgf	VY kgf	T kgf-m
Story3	Top	0.9D+WX	Combination		0	0	0	0
Story3	Bottom	0.9D+WX	Combination		17973.92	-301.07	0	7809.58
Story3	Top	0.9D+WY	Combination		0	0	0	0
Story3	Bottom	0.9D+WY	Combination		12087.92	0	0	0
Story3	Top	0.75(1.4D+1.7L+1.7WX)	Combination		0	0	0	0
Story3	Bottom	0.75(1.4D+1.7L+1.7WX)	Combination		21607.22	-383.87	0	9957.22
Story3	Top	0.75(1.4D+1.7L+1.7WY)	Combination		0	0	0	0
Story3	Bottom	0.75(1.4D+1.7L+1.7WY)	Combination		14102.57	0	0	0
Story3	Top	0.75(1.4D+1.7L)+EQX	Combination	Max	0	1908.43	25.41	50984.14
Story3	Bottom	0.75(1.4D+1.7L)+EQX	Combination	Max	0	1908.43	25.41	50984.14
Story3	Top	0.75(1.4D+1.7L)+EQX	Combination	Min	0	-1908.43	-25.41	-50984.14
Story3	Bottom	0.75(1.4D+1.7L)+EQX	Combination	Min	0	-1908.43	-25.41	-50984.14
Story3	Top	0.75(1.4D+1.7L)+EQY	Combination	Max	0	83.79	1716.51	42106.08
Story3	Bottom	0.75(1.4D+1.7L)+EQY	Combination	Max	0	83.79	1716.51	42106.08
Story3	Top	0.75(1.4D+1.7L)+EQY	Combination	Min	0	-83.79	-1716.51	-42106.08
Story3	Bottom	0.75(1.4D+1.7L)+EQY	Combination	Min	0	-83.79	-1716.51	-42106.08
Story3	Top	0.9D+EQX	Combination	Max	0	1908.43	25.41	50984.14
Story3	Bottom	0.9D+EQX	Combination	Max	0	1908.43	25.41	50984.14
Story3	Top	0.9D+EQX	Combination	Min	0	-1908.43	-25.41	-50984.14
Story3	Bottom	0.9D+EQX	Combination	Min	0	-1908.43	-25.41	-50984.14
Story3	Top	0.9D+EQY	Combination	Max	0	83.79	1716.51	42106.08
Story3	Bottom	0.9D+EQY	Combination	Max	0	83.79	1716.51	42106.08
Story3	Top	0.9D+EQY	Combination	Min	0	-83.79	-1716.51	-42106.08
Story3	Bottom	0.9D+EQY	Combination	Min	0	-83.79	-1716.51	-42106.08
Story3	Top	D+L	Combination		0	0	0	0
Story3	Bottom	D+L	Combination		13431.02	0	0	0
Story3	Top	D+0.75L+0.75WX	Combination		0	0	0	0
Story3	Bottom	D+0.75L+0.75WX	Combination		17845.52	-225.8	0	5857.19
Story3	Top	D+0.75L+0.75WY	Combination		0	0	0	0
Story3	Bottom	D+0.75L+0.75WY	Combination		0	0	0	0
Story3	Top	D+0.75L+0.75(0.7EQX)	Combination	Max	0	1001.93	13.34	26766.67
Story3	Bottom	D+0.75L+0.75(0.7EQX)	Combination	Max	0	1001.93	13.34	26766.67
Story3	Top	D+0.75L+0.75(0.7EQX)	Combination	Min	0	-1001.93	-13.34	-26766.67
Story3	Bottom	D+0.75L+0.75(0.7EQX)	Combination	Min	0	-1001.93	-13.34	-26766.67
Story3	Top	D+0.75L+0.75(0.7EQY)	Combination	Max	0	43.95	901.17	22105.89
Story3	Bottom	D+0.75L+0.75(0.7EQY)	Combination	Max	0	43.95	901.17	22105.89
Story3	Top	D+0.75L+0.75(0.7EQY)	Combination	Min	0	-43.95	-901.17	-22105.89
Story3	Bottom	D+0.75L+0.75(0.7EQY)	Combination	Min	0	-43.95	-901.17	-22105.89
Story3	Top	D+WX	Combination		0	0	0	0
Story3	Bottom	D+WX	Combination		19317.02	-301.07	0	7809.58
Story3	Top	D+WY	Combination		0	0	0	0
Story3	Bottom	D+WY	Combination		0	0	0	0
Story3	Top	D+0.7EQX	Combination	Max	0	1335.9	17.79	35688.9
Story3	Bottom	D+0.7EQX	Combination	Max	0	1335.9	17.79	35688.9
Story3	Top	D+0.7EQX	Combination	Min	0	-1335.9	-17.79	-35688.9
Story3	Bottom	D+0.7EQX	Combination	Min	0	-1335.9	-17.79	-35688.9
Story3	Top	D+0.7EQY	Combination	Max	0	58.85	1201.58	28474.25
Story3	Bottom	D+0.7EQY	Combination	Max	0	58.85	1201.58	28474.25
Story3	Top	D+0.7EQY	Combination	Min	0	-58.85	-1201.58	-28474.25
Story3	Bottom	D+0.7EQY	Combination	Min	0	-58.85	-1201.58	-28474.25
Story3	Top	0.6D+WX	Combination		0	0	0	0
Story3	Bottom	0.6D+WX	Combination		13844.61	-301.07	0	7809.58
Story3	Top	0.6D+WY	Combination		0	0	0	0
Story3	Bottom	0.6D+WY	Combination		0	0	0	0
Story3	Top	0.6D+0.7EQX	Combination	Max	0	1335.9	17.79	35688.9
Story3	Bottom	0.6D+0.7EQX	Combination	Max	0	1335.9	17.79	35688.9
Story3	Top	0.6D+0.7EQX	Combination	Min	0	-1335.9	-17.79	-35688.9
Story3	Bottom	0.6D+0.7EQX	Combination	Min	0	-1335.9	-17.79	-35688.9
Story3	Top	0.6D+0.7EQY	Combination	Max	0	58.85	1201.58	28474.25
Story3	Bottom	0.6D+0.7EQY	Combination	Max	0	58.85	1201.58	28474.25

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Story	Location	Output Case	Case Type	Step Type	P kgf	Vx kgf	Vy kgf	T kgf-m
Story3	Top	0.6D+0.75EQY	Combination	Min	0	-58.85	-1201.56	-28474.25
Story3	Bottom	0.6D+0.75EQY	Combination	Min	8058.81	-58.85	-1201.56	-28474.25
Story3	Top	Dead	LinStatic		58789	0	0	0
Story3	Bottom	Dead	LinStatic		202757.28	0	0	0
Story3	Top	Live	LinStatic		0	0	0	0
Story3	Bottom	Live	LinStatic		0	0	0	0
Story3	Top	SDL	LinStatic		0	0	0	0
Story3	Bottom	SDL	LinStatic		0	0	0	0
Story3	Top	WX	LinStatic		5886	-301.07	0	7809.58
Story3	Bottom	WX	LinStatic		5886	-301.07	0	7809.58
Story3	Top	WY	LinStatic		0	0	0	0
Story3	Bottom	WY	LinStatic		0	0	0	0
Story3	Top	EQX	LinRespSpec	Max	0	18276.31	731.77	471023.3
Story3	Bottom	EQX	LinRespSpec	Max	0	18276.31	731.77	471023.3
Story3	Top	EQY	LinRespSpec	Max	0	1009.92	27919.13	67099.59
Story3	Bottom	EQY	LinRespSpec	Max	0	1009.92	27919.13	67099.59
Story3	Top	1.4D+1.7L	Combination		79504.8	0	0	0
Story3	Bottom	1.4D+1.7L	Combination		28360.18	0	0	0
Story3	Top	0.9D+WX	Combination		58996.1	-301.07	0	7809.58
Story3	Bottom	0.9D+WX	Combination		184367.53	-301.07	0	7809.58
Story3	Top	0.9D+WY	Combination		51110.1	0	0	0
Story3	Bottom	0.9D+WY	Combination		182481.53	0	0	0
Story3	Top	0.75(1.4D+1.7L+1.7WX)	Combination		87133.1	-383.87	0	9957.22
Story3	Bottom	0.75(1.4D+1.7L+1.7WX)	Combination		220396.77	-383.87	0	9957.22
Story3	Top	0.75(1.4D+1.7L+1.7WY)	Combination		59628.45	0	0	0
Story3	Bottom	0.75(1.4D+1.7L+1.7WY)	Combination		212895.32	0	0	0
Story3	Top	0.75(1.4D+1.7L)+EQX	Combination	Max	59628.45	18276.31	731.77	471023.3
Story3	Bottom	0.75(1.4D+1.7L)+EQX	Combination	Max	212895.32	18276.31	731.77	471023.3
Story3	Top	0.75(1.4D+1.7L)+EQX	Combination	Min	59628.45	-18276.31	-731.77	-471023.3
Story3	Bottom	0.75(1.4D+1.7L)+EQX	Combination	Min	212895.32	-18276.31	-731.77	-471023.3
Story3	Top	0.75(1.4D+1.7L)+EQY	Combination	Max	59628.45	1009.92	27919.13	67099.59
Story3	Bottom	0.75(1.4D+1.7L)+EQY	Combination	Max	212895.32	1009.92	27919.13	67099.59
Story3	Top	0.75(1.4D+1.7L)+EQY	Combination	Min	59628.45	-1009.92	-27919.13	-67099.59
Story3	Bottom	0.75(1.4D+1.7L)+EQY	Combination	Min	212895.32	-1009.92	-27919.13	-67099.59
Story3	Top	0.9D+EQX	Combination	Max	51110.1	18276.31	731.77	471023.3
Story3	Bottom	0.9D+EQX	Combination	Max	182481.53	18276.31	731.77	471023.3
Story3	Top	0.9D+EQX	Combination	Min	51110.1	-18276.31	-731.77	-471023.3
Story3	Bottom	0.9D+EQX	Combination	Min	182481.53	-18276.31	-731.77	-471023.3
Story3	Top	0.9D+EQY	Combination	Max	51110.1	1009.92	27919.13	67099.59
Story3	Bottom	0.9D+EQY	Combination	Max	182481.53	1009.92	27919.13	67099.59
Story3	Top	0.9D+EQY	Combination	Min	51110.1	-1009.92	-27919.13	-67099.59
Story3	Bottom	0.9D+EQY	Combination	Min	182481.53	-1009.92	-27919.13	-67099.59
Story3	Top	D+L	Combination		58789	0	0	0
Story3	Bottom	D+L	Combination		202757.28	0	0	0
Story3	Top	D+0.75L+0.75WX	Combination		61203.5	-225.8	0	5857.19
Story3	Bottom	D+0.75L+0.75WX	Combination		207171.76	-225.8	0	5857.19
Story3	Top	D+0.75L+0.75WY	Combination		58789	0	0	0
Story3	Bottom	D+0.75L+0.75WY	Combination		202757.28	0	0	0
Story3	Top	D+0.75L+0.75(0.7EQX)	Combination	Max	58789	9595.07	384.18	247287.23
Story3	Bottom	D+0.75L+0.75(0.7EQX)	Combination	Max	202757.28	9595.07	384.18	247287.23
Story3	Top	D+0.75L+0.75(0.7EQX)	Combination	Min	58789	-9595.07	-384.18	-247287.23
Story3	Bottom	D+0.75L+0.75(0.7EQX)	Combination	Min	202757.28	-9595.07	-384.18	-247287.23
Story3	Top	D+0.75L+0.75(0.7EQY)	Combination	Max	58789	330.21	-14657.54	-352529.03
Story3	Bottom	D+0.75L+0.75(0.7EQY)	Combination	Max	202757.28	330.21	-14657.54	-352529.03
Story3	Top	D+0.75L+0.75(0.7EQY)	Combination	Min	58789	-330.21	14657.54	352529.03
Story3	Bottom	D+0.75L+0.75(0.7EQY)	Combination	Min	202757.28	-330.21	14657.54	352529.03
Story3	Top	D+WX	Combination		62675	-301.07	0	7809.58
Story3	Bottom	D+WX	Combination		208643.26	-301.07	0	7809.58
Story3	Top	D+WY	Combination		58789	0	0	0
Story3	Bottom	D+WY	Combination		202757.28	0	0	0

Story	Location	Output Case	Case Type	Step Type	P kgf	VX kgf	VY kgf	T kgf-m
Story1	Top	D+L	Combination		320826.82	0	0	0
Story1	Bottom	D+L	Combination		3254256.06	0	0	0
Story1	Top	D+0.75L+0.75WX	Combination		2682566.32	-225.8	0	5857.19
Story1	Bottom	D+0.75L+0.75WX	Combination		2728795.59	-225.8	0	5857.19
Story1	Top	D+0.75L+0.75WY	Combination		2678151.82	0	0	0
Story1	Bottom	D+0.75L+0.75WY	Combination		2724361.06	0	0	0
Story1	Top	D+0.75L+0.75(0.7EQX)	Combination	Max	2678151.82	-11933.42	687.55	305284.14
Story1	Bottom	D+0.75L+0.75(0.7EQX)	Combination	Max	2724361.06	-11933.42	687.55	305284.14
Story1	Top	D+0.75L+0.75(0.7EQY)	Combination	Min	2678151.82	-11933.42	-687.55	-305284.14
Story1	Bottom	D+0.75L+0.75(0.7EQY)	Combination	Min	2724361.06	-11933.42	-687.55	-305284.14
Story1	Top	D+0.75L+0.75(0.7EQY)	Combination	Max	2678151.82	687.51	23780.07	571059.83
Story1	Bottom	D+0.75L+0.75(0.7EQY)	Combination	Max	2724361.06	687.51	23780.07	571059.83
Story1	Top	D+0.75L+0.75(0.7EQY)	Combination	Min	2678151.82	-687.51	-23780.07	-571059.83
Story1	Bottom	D+0.75L+0.75(0.7EQY)	Combination	Min	2724361.06	-687.51	-23780.07	-571059.83
Story1	Top	D+VX	Combination		1094412.82	-301.07	0	7809.58
Story1	Bottom	D+VX	Combination		1140642.06	-301.07	0	7809.58
Story1	Top	D+VY	Combination		1086526.82	0	0	0
Story1	Bottom	D+VY	Combination		1134756.06	0	0	0
Story1	Top	D+0.7EQX	Combination	Max	1086526.82	15911.23	916.73	407045.52
Story1	Bottom	D+0.7EQX	Combination	Max	1134756.06	15911.23	916.73	407045.52
Story1	Top	D+0.7EQX	Combination	Min	1086526.82	-15911.23	-916.73	-407045.52
Story1	Bottom	D+0.7EQX	Combination	Min	1134756.06	-15911.23	-916.73	-407045.52
Story1	Top	D+0.7EQY	Combination	Max	1086526.82	916.68	31706.76	761413.11
Story1	Bottom	D+0.7EQY	Combination	Max	1134756.06	916.68	31706.76	761413.11
Story1	Top	D+0.7EQY	Combination	Min	1086526.82	-916.68	-31706.76	-761413.11
Story1	Bottom	D+0.7EQY	Combination	Min	1134756.06	-916.68	-31706.76	-761413.11
Story1	Top	0.6D+VX	Combination		659002.09	-301.07	0	7809.58
Story1	Bottom	0.6D+VX	Combination		686739.84	-301.07	0	7809.58
Story1	Top	0.6D+VY	Combination		653116.09	0	0	0
Story1	Bottom	0.6D+VY	Combination		680853.84	0	0	0
Story1	Top	0.6D+0.7EQX	Combination	Max	653116.09	15911.23	916.73	407045.52
Story1	Bottom	0.6D+0.7EQX	Combination	Max	680853.84	15911.23	916.73	407045.52
Story1	Top	0.6D+0.7EQX	Combination	Min	653116.09	-15911.23	-916.73	-407045.52
Story1	Bottom	0.6D+0.7EQX	Combination	Min	680853.84	-15911.23	-916.73	-407045.52
Story1	Top	0.6D+0.7EQY	Combination	Max	653116.09	916.68	31706.76	761413.11
Story1	Bottom	0.6D+0.7EQY	Combination	Max	680853.84	916.68	31706.76	761413.11
Story1	Top	0.6D+0.7EQY	Combination	Min	653116.09	-916.68	-31706.76	-761413.11
Story1	Bottom	0.6D+0.7EQY	Combination	Min	680853.84	-916.68	-31706.76	-761413.11

Table 5.4 - Story Forces (Part 2 of 2)

Story	Location	MX kgf-m	MY kgf-m
Story3	Top	0	0
Story3	Bottom	341310.64	-32882.35
Story3	Top	0	0
Story3	Bottom	0	0
Story3	Top	0	0
Story3	Bottom	0	0
Story3	Top	0	0
Story3	Bottom	152793	-57452.62
Story3	Top	0	0
Story3	Bottom	0	0
Story3	Top	0	0
Story3	Bottom	76.23	5725.29
Story3	Top	0	0
Story3	Bottom	5149.53	251.36
Story3	Top	0	0
Story3	Bottom	477634.9	-480435.29
Story3	Top	0	0
Story3	Bottom	459972.58	-353446.73

Story	Location	MX kgf-m	MY kgf-m
Story3	Top	0	0
Story3	Bottom	307179.58	-295964.11
Story3	Top	0	0
Story3	Bottom	553187.25	-415879.55
Story3	Top	0	0
Story3	Bottom	358376.17	-345326.47
Story3	Top	0	0
Story3	Bottom	358462.41	-33601.18
Story3	Top	0	0
Story3	Bottom	358289.94	-351051.76
Story3	Top	0	0
Story3	Bottom	363225.7	-345075.09
Story3	Top	0	0
Story3	Bottom	353226.65	-345677.84
Story3	Top	0	0
Story3	Bottom	307255.81	-290268.82
Story3	Top	0	0
Story3	Bottom	307103.35	-301719.4
Story3	Top	0	0
Story3	Bottom	312329.11	-296742.74
Story3	Top	0	0
Story3	Bottom	307230.05	-296245.49
Story3	Top	0	0
Story3	Bottom	341310.64	-32882.35
Story3	Top	0	0
Story3	Bottom	456905.39	-371971.81
Story3	Top	0	0
Story3	Bottom	341310.64	-32882.35
Story3	Top	0	0
Story3	Bottom	341360.95	-325876.57
Story3	Top	0	0
Story3	Bottom	341270.82	-331886.13
Story3	Top	0	0
Story3	Bottom	344014.15	-328750.36
Story3	Top	0	0
Story3	Bottom	338907.14	-329014.32
Story3	Top	0	0
Story3	Bottom	494103.64	-386334.97
Story3	Top	0	0
Story3	Bottom	341310.64	-32882.35
Story3	Top	0	0
Story3	Bottom	341364	-324874.85
Story3	Top	0	0
Story3	Bottom	341257.28	-332890.05
Story3	Top	0	0
Story3	Bottom	344915.31	-328766.39
Story3	Top	0	0
Story3	Bottom	337705.97	-329058.31
Story3	Top	0	0
Story3	Bottom	357579.39	-254762.03
Story3	Top	0	0
Story3	Bottom	204786.39	-187329.41
Story3	Top	0	0
Story3	Bottom	204839.75	-193321.71
Story3	Top	0	0
Story3	Bottom	204733.02	-201337.11
Story3	Top	0	0
Story3	Bottom	208391.06	-197153.45
Story3	Top	0	0
Story3	Bottom	20181.72	-197505.37

Story	Location	MX kgf-m	MY kgf-m
Story2	Top	1340424.32	-1391152.82
Story2	Bottom	4655339.95	-4987375.13
Story2	Top	0	0
Story2	Bottom	0	0
Story2	Top	0	0
Story2	Bottom	0	0
Story2	Top	152793	-57452.62
Story2	Bottom	152793	-589259.05
Story2	Top	0	0
Story2	Bottom	0	0
Story2	Top	76.23	5725.29
Story2	Bottom	4316.15	115376.2
Story2	Top	5149.53	251.36
Story2	Bottom	196107.96	6307.68
Story2	Top	167859.05	-1347619.95
Story2	Bottom	6787475.93	-6954325.18
Story2	Top	1359174.89	-1309450.16
Story2	Bottom	4522598.96	-4522696.66
Story2	Top	1206381.89	-1252037.54
Story2	Bottom	436805.96	-4470637.61
Story2	Top	1602256.61	-1533962.55
Story2	Bottom	5239291.02	-5291299.17
Story2	Top	1407445.53	-1460710.47
Story2	Bottom	5098106.95	-5215743.88
Story2	Top	1407521.76	-1454985.18
Story2	Bottom	5102423.1	-5100397.66
Story2	Top	1407369.3	-1460435.76
Story2	Bottom	5093700.8	-5031120.09
Story2	Top	1412595.06	-1460459.09
Story2	Bottom	5264214.91	-5209436.19
Story2	Top	1402295.01	-1460961.84
Story2	Bottom	4931999.99	-5222051.57
Story2	Top	1206458.12	-1246312.25
Story2	Bottom	4974122.1	-4355281.41
Story2	Top	1206305.66	-1257762.83
Story2	Bottom	4365469.81	-4566013.82
Story2	Top	1211531.41	-1251786.17
Story2	Bottom	4539193.92	-4464325.92
Story2	Top	1201233.36	-1252286.92
Story2	Bottom	4202987.99	-4478945.3
Story2	Top	1340424.32	-1391152.82
Story2	Bottom	4655339.95	-4987375.13
Story2	Top	1455019.07	-1434242.29
Story2	Bottom	4960934.7	-5011818.41
Story2	Top	1340424.32	-1391152.82
Story2	Bottom	4655339.95	-4987375.13
Story2	Top	1340464.34	-1398147.05
Story2	Bottom	4857605.93	-4868902.62
Story2	Top	1340384.3	-1394158.6
Story2	Bottom	4853073.97	-5027947.63
Story2	Top	1341127.82	-1391020.85
Story2	Bottom	4642546.63	-4964083.59
Story2	Top	1337720.82	-1391284.8
Story2	Bottom	4768133.27	-4970696.66
Story2	Top	1453217.32	-1448605.44
Story2	Bottom	5008132.95	-5028634.18
Story2	Top	1340424.32	-1391152.82
Story2	Bottom	4655339.95	-4987375.13
Story2	Top	1340477.68	-1387145.12
Story2	Bottom	4858361.25	-4889611.78

Story	Location	MX kgf-m	MY kgf-m
Story2	Top	1340370.96	-1395160.53
Story2	Bottom	4952318.65	-5048138.47
Story2	Top	1344028.89	-1390976.86
Story2	Bottom	4971615.52	-4982959.74
Story2	Top	1336819.65	-1391328.79
Story2	Bottom	4739064.36	-4971790.51
Story2	Top	957047.59	-892144.31
Story2	Bottom	3065996.97	-3039984.13
Story2	Top	804254.59	-834691.82
Story2	Bottom	2913203.97	-2904254.08
Story2	Top	804307.95	-830683.99
Story2	Bottom	2918225.27	-2899961.73
Story2	Top	804201.23	-838699.4
Story2	Bottom	2910182.67	-3061188.42
Story2	Top	807859.26	-834515.73
Story2	Bottom	3028479.54	-2976009.89
Story2	Top	800649.92	-834867.66
Story2	Bottom	2796928.4	-2984840.46
Story1	Top	25867476.24	-27405380.74
Story1	Bottom	26979087.09	-28578092
Story1	Top	50418625	-53522750
Story1	Bottom	50418625	-53522750
Story1	Top	0	0
Story1	Bottom	0	0
Story1	Top	152793	-59259.05
Story1	Bottom	152793	-59590.12
Story1	Top	0	0
Story1	Bottom	0	0
Story1	Top	4316.15	115376.2
Story1	Bottom	5623.02	138104.62
Story1	Top	166107.96	6307.69
Story1	Bottom	211355.89	7616.75
Story1	Top	121926129.24	-129396208
Story1	Bottom	123462364.42	-136997968
Story1	Top	2343521.62	-24724101.72
Story1	Bottom	24433971.36	-2573908.82
Story1	Top	23280728.62	-24664942.67
Story1	Bottom	24281178.38	-25720246.8
Story1	Top	91639408.01	-97092711.32
Story1	Bottom	8260599.39	-86324400
Story1	Top	91444596.93	-97017156.03
Story1	Bottom	92811788.32	-98248480.84
Story1	Top	91448913.08	-96901779.63
Story1	Bottom	92817411.84	-98110356.22
Story1	Top	91440280.78	-97132532.24
Story1	Bottom	92606164.79	-9836055.47
Story1	Top	91610704.89	-97010848.34
Story1	Bottom	92823144.21	-99240444.1
Story1	Top	91278488.97	-97023463.72
Story1	Bottom	92400432.43	-98256077.59
Story1	Top	23285044.77	-24549466.47
Story1	Bottom	24268801.9	-25582142.17
Story1	Top	23276412.47	-24780218.87
Story1	Bottom	24275554.85	-25858361.42
Story1	Top	23446836.58	-24665534.98
Story1	Bottom	24492534.26	-25712650.08
Story1	Top	23114520.07	-2467130.39
Story1	Bottom	24968927.48	-25199354.54
Story1	Top	76286101.24	-80928130.13
Story1	Bottom	77387711.92	-8210086.2

Story	Location	MX kgf-m	MY kgf-m
Story1	Top	63766239.74	-87591887.53
Story1	Bottom	64807650.59	-8876484.59
Story1	Top	63681444.99	-87547443.24
Story1	Bottom	64790055.84	-88720114.5
Story1	Top	63683770.97	-87468870.74
Story1	Bottom	64790008.19	-88647906.57
Story1	Top	63679178.02	-87608015.75
Story1	Bottom	64790103.49	-88792816.42
Story1	Top	63766651.67	-87544131.71
Story1	Bottom	64804017.88	-88718115.57
Story1	Top	63594236.31	-87550754.78
Story1	Bottom	64892093.99	-88724111.29
Story1	Top	20202029.24	-27446838.8
Story1	Bottom	27131680.29	-28637812.12
Story1	Top	25867478.24	-27405380.74
Story1	Bottom	26879087.09	-28578052
Story1	Top	25870487.55	-27324617.4
Story1	Bottom	26883022.55	-28481378.78
Story1	Top	25864454.94	-27486144.09
Story1	Bottom	26875150.62	-28674725.23
Story1	Top	25883751.82	-27400665.36
Story1	Bottom	27127036.21	-2857270.27
Story1	Top	25751200.67	-27409796.13
Story1	Bottom	26831137.86	-28583363.72
Story1	Top	15673278.75	-18502487.5
Story1	Bottom	16340245.25	-17256381.32
Story1	Top	15520482.79	-18443228.45
Story1	Bottom	16187452.25	-17146831.2
Story1	Top	15523507.05	-18382485.1
Story1	Bottom	16181388.72	-17050157.94
Story1	Top	15517454.44	-18523991.79
Story1	Bottom	16183615.78	-17243504.43
Story1	Top	15636761.32	-18438813.06
Story1	Bottom	16335401.38	-17141499.48
Story1	Top	15404210.17	-18447843.83
Story1	Bottom	16038503.13	-17152162.92

5.3 Point Results

Table 5.5 - Joint Reactions (Part 1 of 2)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	2	4	Dead	LinStatic		1411.37	191.29	7838.94	0
Base	2	4	Live	LinStatic		3266.46	40.9	5997.43	0
Base	2	4	SD	LinStatic		0	0	0	0
Base	2	4	WX	LinStatic		-4.74	-1.37	95.24	0
Base	2	4	WY	LinStatic		0	0	0	0
Base	2	4	EQX	LinRespSpec	Max	456.88	193.57	363.64	0
Base	2	4	EQY	LinRespSpec	Max	49.97	1233.85	773.45	0
Base	2	4	1.4D+1.7L	Combination		7562.91	337.35	2170.15	0
Base	2	4	0.9D+WX	Combination		1265.5	170.79	7150.28	0
Base	2	4	0.75(1.4D+1.7L+1.7WY)	Combination		1270.24	172.17	7055.05	0
Base	2	4	0.75(1.4D+1.7L+1.7WY)	Combination		5666.14	251.28	15999.04	0
Base	2	4	0.75(1.4D+1.7L+1.7WY)	Combination		5672.18	253.01	15877.61	0
Base	2	4	0.75(1.4D+1.7L)+EQX	Combination	Max	6129.06	448.58	16241.25	0
Base	2	4	0.75(1.4D+1.7L)+EQX	Combination	Min	5215.31	59.44	15913.97	0
Base	2	4	0.75(1.4D+1.7L)+EQY	Combination	Max	5722.15	1486.86	16651.06	0
Base	2	4	0.75(1.4D+1.7L)+EQY	Combination	Min	5622.21	1600.84	15104.16	0
Base	2	4	0.9D+EQX	Combination	Max	1727.12	365.74	7418.69	0
Base	2	4	0.9D+EQX	Combination	Min	813.36	-21.41	6891.41	0

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Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	2	4	0.9D+EQY	Combination	Max	1320.21	1406.02	7828.5	0
Base	2	4	0.9D+EQY	Combination	Min	1220.27	-1081.69	8281.8	0
Base	2	4	D+L	Combination		4897.84	232.2	13536.37	0
Base	2	4	D+0.75L+0.75WY	Combination		3872.87	220.94	12458.44	0
Base	2	4	D+0.75L+0.75WY	Combination		3876.22	221.97	12373.01	0
Base	2	4	D+0.75L+0.75(0.7EQX)	Combination	Max	3636.36	120.35	12146.1	0
Base	2	4	D+0.75L+0.75(0.7EQX)	Combination	Min	3636.36	120.35	12146.1	0
Base	2	4	D+0.75L+0.75(0.7EQY)	Combination	Max	3902.46	568.75	12743.07	0
Base	2	4	D+0.75L+0.75(0.7EQY)	Combination	Min	3849.99	-425.8	11930.95	0
Base	2	4	D+WX	Combination		1406.64	189.92	7393.18	0
Base	2	4	D+WY	Combination		1411.37	191.29	7838.94	0
Base	2	4	D+0.7EQX	Combination	Max	1731.19	326.79	8053.49	0
Base	2	4	D+0.7EQX	Combination	Min	1091.56	55.79	7584.39	0
Base	2	4	D+0.7EQY	Combination	Max	1448.35	1054.99	8390.36	0
Base	2	4	D+0.7EQY	Combination	Min	1376.4	-672.4	7287.53	0
Base	2	4	0.8D+WX	Combination		842.09	113.41	4796.8	0
Base	2	4	0.8D+WY	Combination		848.82	114.78	4703.37	0
Base	2	4	0.8D+0.7EQX	Combination	Max	1168.64	250.28	4657.81	0
Base	2	4	0.8D+0.7EQX	Combination	Min	527.01	-32.72	4244.82	0
Base	2	4	0.8D+0.7EQY	Combination	Max	881.61	978.47	5244.78	0
Base	2	4	0.8D+0.7EQY	Combination	Min	811.85	-746.82	4161.95	0
Base	3	6	Dead	LinStatic		2637.72	-56.8	10451.31	0
Base	3	6	Live	LinStatic		7172.55	55.48	11923.09	0
Base	3	6	SD	LinStatic		0	0	0	0
Base	3	6	WX	LinStatic		-109.24	-1.49	253.62	0
Base	3	6	WY	LinStatic		0	0	0	0
Base	3	6	EQX	LinRespSpec	Max	990.81	332.59	393.07	0
Base	3	6	EQY	LinRespSpec	Max	248.28	2123.54	154.08	0
Base	3	6	1.4D+1.7L	Combination		15886.15	16.02	34901.09	0
Base	3	6	0.9D+WX	Combination		2264.71	-51.8	9659.79	0
Base	3	6	0.9D+WY	Combination		2373.95	-50.31	9659.79	0
Base	3	6	0.75(1.4D+1.7L+1.7WY)	Combination		11775.33	10.11	26499.17	0
Base	3	6	0.75(1.4D+1.7L+1.7WY)	Combination		11914.61	12.02	26175.81	0
Base	3	6	0.75(1.4D+1.7L)+EQX	Combination	Max	12905.42	344.81	25568.89	0
Base	3	6	0.75(1.4D+1.7L)+EQX	Combination	Min	10923.81	-320.57	25782.74	0
Base	3	6	0.75(1.4D+1.7L)+EQY	Combination	Max	12160.88	2135.56	25368.89	0
Base	3	6	0.75(1.4D+1.7L)+EQY	Combination	Min	11688.35	-2111.52	25991.74	0
Base	3	6	0.8D+EQX	Combination	Max	3364.78	282.28	9798.25	0
Base	3	6	0.8D+EQX	Combination	Min	1383.14	-382.9	9013.11	0
Base	3	6	0.8D+EQY	Combination	Max	2620.21	2073.24	9590.25	0
Base	3	6	0.8D+EQY	Combination	Min	2127.89	-2173.85	9222.1	0
Base	3	6	D+L	Combination		9810.28	-0.44	23274.4	0
Base	3	6	D+0.75L+0.75WY	Combination		7935.21	-15.42	19583.84	0
Base	3	6	D+0.75L+0.75WY	Combination		8017.14	-14.3	19583.84	0
Base	3	6	D+0.75L+0.75(0.7EQX)	Combination	Max	6571.31	180.31	19599.99	0
Base	3	6	D+0.75L+0.75(0.7EQX)	Combination	Min	7496.97	-188.81	19187.26	0
Base	3	6	D+0.75L+0.75(0.7EQY)	Combination	Max	8146.42	1100.56	19480.27	0
Base	3	6	D+0.75L+0.75(0.7EQY)	Combination	Min	7887.85	-1126.16	19296.99	0
Base	3	6	D+WX	Combination		2528.48	-57.39	10704.92	0
Base	3	6	D+WY	Combination		2637.72	-55.9	10451.31	0
Base	3	6	D+0.7EQX	Combination	Max	3331.29	176.92	10726.46	0
Base	3	6	D+0.7EQX	Combination	Min	1944.16	-286.71	10178.16	0
Base	3	6	D+0.7EQY	Combination	Max	2810.1	1430.58	10580.16	0
Base	3	6	D+0.7EQY	Combination	Min	2485.34	-1542.38	10322.45	0
Base	3	6	0.8D+WX	Combination		1473.39	-35.03	9582.46	0
Base	3	6	0.8D+WX	Combination		1582.63	-33.54	9276.78	0
Base	3	6	0.8D+WY	Combination		2276.2	199.28	9545.94	0
Base	3	6	0.8D+0.7EQX	Combination	Max	868.07	-296.35	9595.63	0
Base	3	6	0.8D+0.7EQX	Combination	Min	1755.02	1452.94	8399.84	0
Base	3	6	0.8D+0.7EQY	Combination	Max	1410.25	-1520.02	8411.93	0

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Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	4	8	Dead	LinStatic		2597.01	308.33	11326.89	0
Base	4	8	Live	LinStatic		7210.95	55.87	12004.37	0
Base	4	8	SD	LinStatic		0	0	0	0
Base	4	8	WX	LinStatic		-171.26	1.02	307.72	0
Base	4	8	WY	LinStatic		0	0	0	0
Base	4	8	EQX	LinRespSpec	Max	2738.78	395.3	400.7	0
Base	4	8	EQY	LinRespSpec	Max	355	2451.52	1122.86	0
Base	4	8	1.4D+1.7L	Combination		15844.06	526.83	36268.08	0
Base	4	8	0.9D+WX	Combination		2166.05	278.51	10501.92	0
Base	4	8	0.9D+WY	Combination		2337.31	277.49	10194.2	0
Base	4	8	0.75(1.4D+1.7L+1.7WY)	Combination		11702.48	398.27	27591.15	0
Base	4	8	0.75(1.4D+1.7L+1.7WY)	Combination		11920.84	394.97	27198.81	0
Base	4	8	0.75(1.4D+1.7L)+EQX	Combination	Max	14659.6	790.28	27599.5	0
Base	4	8	0.75(1.4D+1.7L)+EQX	Combination	Min	6186.08	-10.33	26784.11	0
Base	4	8	0.75(1.4D+1.7L)+EQY	Combination	Max	12275.84	2856.5	28311.67	0
Base	4	8	0.75(1.4D+1.7L)+EQY	Combination	Min	11565.84	-2068.35	26085.94	0
Base	4	8	0.8D+EQX	Combination	Max	5076.07	67.8	10594.9	0
Base	4	8	0.8D+EQX	Combination	Min	-401.45	117.81	8793.5	0
Base	4	8	0.8D+EQY	Combination	Max	2692.31	2739.02	11307.06	0
Base	4	8	0.8D+EQY	Combination	Min	1982.31	-2184.03	9081.34	0
Base	4	8	D+L	Combination		9807.98	364.19	23331.28	0
Base	4	8	D+0.75L+0.75WY	Combination		7876.79	350.99	20690.96	0
Base	4	8	D+0.75L+0.75WY	Combination		8005.23	350.23	20330.17	0
Base	4	8	D+0.75L+0.75(0.7EQX)	Combination	Max	6443.08	557.76	20540.53	0
Base	4	8	D+0.75L+0.75(0.7EQX)	Combination	Min	6567.39	142.69	20118.8	0
Base	4	8	D+0.75L+0.75(0.7EQY)	Combination	Max	8191.81	1642.33	20914.42	0
Base	4	8	D+0.75L+0.75(0.7EQY)	Combination	Min	7818.99	-942.07	19745.91	0
Base	4	8	D+WX	Combination		24257.75	308.34	11634.61	0
Base	4	8	D+WY	Combination		2597.01	308.33	11326.89	0
Base	4	8	D+0.7EQX	Combination	Max	4514.14	585.04	11607.38	0
Base	4	8	D+0.7EQX	Combination	Min	679.88	31.81	11046.4	0
Base	4	8	D+0.7EQY	Combination	Max	2348.51	-1414.74	10547.89	0
Base	4	8	0.8D+WX	Combination		1309.95	188.01	7102.96	0
Base	4	8	0.8D+WY	Combination		1558.21	185	6796.13	0
Base	4	8	0.8D+0.7EQX	Combination	Max	3475.34	461.71	7076.82	0
Base	4	8	0.8D+0.7EQX	Combination	Min	-358.92	-91.72	6515.65	0
Base	4	8	0.8D+0.7EQY	Combination	Max	1606.71	1908.06	7575.14	0
Base	4	8	0.8D+0.7EQY	Combination	Min	1309.71	-1538.07	6017.13	0
Base	6	12	Dead	LinStatic		2596.95	271.67	11981.4	0
Base	6	12	Live	LinStatic		7170.59	51.42	11988.14	0
Base	6	12	SD	LinStatic		-185.24	-5.23	300.76	0
Base	6	12	WX	LinStatic		0	0	0	0
Base	6	12	WY	LinStatic		0	0	0	0
Base	6	12	EQX	LinRespSpec	Max	3517.75	386.09	634.86	0
Base	6	12	EQY	LinRespSpec	Max	403.72	2341.18	1193.4	0
Base	6	12	1.4D+1.7L	Combination		15779.53	-918.82	37823.15	0
Base	6	12	0.9D+WX	Combination		2122.33	-652.1	11514.32	0
Base	6	12	0.9D+WY	Combination		2307.56	-648.87	11213.56	0
Base	6	12	0.75(1.4D+1.7L+1.7WY)	Combination		11598.47	-695.79	28750.53	0
Base	6	12	0.75(1.4D+1.7L+1.7WY)	Combination		11834.65	-689.12	28397.36	0
Base	6	12	0.75(1.4D+1.7L)+EQX	Combination	Max	15258.4	-1052.21	28607.24	0
Base	6	12	0.75(1.4D+1.7L)+EQX	Combination	Min	837.19	-1075.21	27732.49	0
Base	6	12	0.75(1.4D+1.7L)+EQY	Combination	Max	12238.37	1652.07	29567.76	0
Base	6	12	0.75(1.4D+1.7L)+EQY	Combination	Min	11443.93	-3300.3	27173.96	0
Base	6	12	0.8D+EQX	Combination	Max	5625.31	-260.78	11648.43	0
Base	6	12	0.8D+EQX	Combination	Min	-1210.19	-1033.96	10578.68	0
Base	6	12	0.8D+EQY	Combination	Max	2711.29	1694.31	12406.96	0
Base	6	12	0.8D+EQY	Combination	Min	1903.84	-2088.05	10020.16	0
Base	6	12	D+L	Combination		9734.54	-687.32	24447.85	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	9	18	WX	LinStatic		-150.2	-62.37	435.82	0
Base	9	18	EQX	LinStatic		0	0	0	0
Base	9	18	EQY	LinStatic		0	0	0	0
Base	9	18	EQZ	LinStatic		0	0	0	0
Base	9	18	1.4D+1.7L	Combination	Max	5407.24	365.41	645.83	0
Base	9	18	0.8D+WX	Combination	Max	243.76	2241.81	877.38	0
Base	9	18	0.8D+EQX	Combination	Max	1588.49	-1155.54	3785.39	0
Base	9	18	0.8D+EQY	Combination	Max	2171.86	-363.35	11152.08	0
Base	9	18	0.8D+EQZ	Combination	Max	2322.06	-76.90	11116.27	0
Base	9	18	0.75(1.4D+1.7L+1.7W)	Combination	Max	11724.11	-948.17	2882.71	0
Base	9	18	0.75(1.4D+1.7L+1.7W)+EQX	Combination	Max	1915.62	-466.65	2827.15	0
Base	9	18	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Max	1722.86	-501.24	2691.17	0
Base	9	18	0.75(1.4D+1.7L+1.7W)+EQZ	Combination	Max	4509.37	-1232.07	2765.91	0
Base	9	18	0.8D+EQX	Combination	Min	1521.60	375.18	2614.32	0
Base	9	18	0.8D+EQY	Combination	Min	11671.85	-3108.48	2734.16	0
Base	9	18	0.8D+EQZ	Combination	Min	7729.3	-425.57	11761.8	0
Base	9	18	0.8D+EQX	Combination	Min	-3085.18	-1156.4	10470.84	0
Base	9	18	0.8D+EQY	Combination	Min	2565.32	1450.82	11993.85	0
Base	9	18	0.8D+EQZ	Combination	Min	2078.3	-3032.8	10238.89	0
Base	9	18	D+0.75L+0.75WX	Combination	Max	9800.89	-834.82	24353.42	0
Base	9	18	D+0.75L+0.75WY	Combination	Max	7883.03	-892.61	21679.78	0
Base	9	18	D+0.75L+0.75(0.7EQX)	Combination	Max	7895.88	-845.84	21352.92	0
Base	9	18	D+0.75L+0.75(0.7EQY)	Combination	Max	10834.48	-653.99	21691.87	0
Base	9	18	D+0.75L+0.75(0.7EQZ)	Combination	Max	5159.88	-1037.88	20113.96	0
Base	9	18	D+0.75L+0.75(0.7EQY)	Combination	Max	8123.66	331.11	21813.54	0
Base	9	18	D+0.75L+0.75(0.7EQY)	Combination	Min	7987.71	-2022.79	20822.29	0
Base	9	18	D+WX	Combination	Max	2429.67	-841.24	12787.23	0
Base	9	18	D+WX	Combination	Max	2580.07	-878.87	12351.41	0
Base	9	18	D+0.7EQX	Combination	Max	6395.14	-423.08	12803.36	0
Base	9	18	D+0.7EQY	Combination	Max	12505	-1134.66	11898.47	0
Base	9	18	D+0.7EQZ	Combination	Max	2750.7	690.39	12965.58	0
Base	9	18	0.8D+WX	Combination	Min	2409.44	-2441.14	11737.25	0
Base	9	18	0.8D+WX	Combination	Min	1397.84	-458.69	7846.67	0
Base	9	18	0.8D+WX	Combination	Min	1548.04	-527.32	7410.65	0
Base	9	18	0.8D+0.7EQX	Combination	Max	5333.11	-271.53	7862.79	0
Base	9	18	0.8D+0.7EQY	Combination	Max	2237.03	-783.11	8958.91	0
Base	9	18	0.8D+0.7EQZ	Combination	Max	1718.67	1041.94	8025.01	0
Base	9	18	0.8D+0.7EQY	Combination	Min	1377.41	-2096.59	6798.65	0
Base	10	20	Dead	LinStatic		2890.59	-29.35	10381.58	0
Base	10	20	Live	LinStatic		7510.32	-40.92	12002.47	0
Base	10	20	SDL	LinStatic		0	0	0	0
Base	10	20	WX	LinStatic		-106.39	-4.19	242.65	0
Base	10	20	EQY	LinStatic		0	0	0	0
Base	10	20	EQY	LinRespSpec	Max	1505.18	321.08	402.9	0
Base	10	20	EQY	LinRespSpec	Max	185.75	2053.97	143.44	0
Base	10	20	1.4D+1.7L	Combination	Max	16194.38	28.48	34838.41	0
Base	10	20	0.8D+WX	Combination	Max	2315.14	-32.61	9586.07	0
Base	10	20	0.8D+WX	Combination	Max	2421.53	-26.82	9343.42	0
Base	10	20	0.75(1.4D+1.7L+1.7W)	Combination	Max	12010.13	13.46	26513.19	0
Base	10	20	0.75(1.4D+1.7L+1.7W)+EQX	Combination	Max	12145.78	21.36	26203.81	0
Base	10	20	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Max	13650.96	348.44	26908.7	0
Base	10	20	0.75(1.4D+1.7L+1.7W)+EQZ	Combination	Max	10640.61	-305.72	25909.91	0
Base	10	20	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Max	12331.53	2075.32	26347.24	0
Base	10	20	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Min	11980.04	-2032.62	26060.37	0
Base	10	20	0.8D+EQX	Combination	Max	3526.71	298.68	9746.32	0
Base	10	20	0.8D+EQX	Combination	Min	918.36	-351.5	6940.52	0
Base	10	20	0.8D+EQY	Combination	Max	2807.28	2027.55	9486.86	0
Base	10	20	0.8D+EQY	Combination	Min	2236.78	-2080.38	9199.99	0
Base	10	20	D+L	Combination	Max	10000.92	11.57	23284.05	0
Base	10	20	D+0.75L+0.75WX	Combination	Max	6090.54	-3.3	19685.42	0
Base	10	20	D+0.75L+0.75WY	Combination	Max	8173.34	1.34	19383.43	0
Base	10	20	D+0.75L+0.75(0.7EQX)	Combination	Max	6863.55	177.01	16994.95	0

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Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	10	20	D+0.75L+0.75(0.7EQX)	Combination	Min	7383.12	-189.33	19171.91	0
Base	10	20	D+0.75L+0.75(0.7EQY)	Combination	Max	8270.85	1079.67	19488.73	0
Base	10	20	D+0.75L+0.75(0.7EQY)	Combination	Min	8075.82	-1076.99	19308.13	0
Base	10	20	D+WX	Combination	Max	2584.2	-35.55	10624.23	0
Base	10	20	D+WX	Combination	Max	2680.59	-29.35	10634.23	0
Base	10	20	D+0.7EQX	Combination	Max	3744.22	-182.32	10361.58	0
Base	10	20	D+0.7EQY	Combination	Min	1638.97	-255.91	10096.55	0
Base	10	20	D+0.7EQY	Combination	Min	2820.62	1404.42	10481.96	0
Base	10	20	D+0.7EQY	Combination	Min	2980.57	-1457.13	10281.17	0
Base	10	20	0.8D+WX	Combination	Min	1507.96	-23.8	6471.8	0
Base	10	20	0.8D+WX	Combination	Min	1614.36	-17.81	6228.95	0
Base	10	20	0.8D+0.7EQX	Combination	Max	2867.98	208.94	9510.97	0
Base	10	20	0.8D+0.7EQY	Combination	Min	560.73	-245.17	5946.92	0
Base	10	20	0.8D+0.7EQY	Combination	Min	1744.38	1420.16	6128.35	0
Base	10	20	0.8D+0.7EQY	Combination	Min	1484.33	-1455.39	6128.54	0
Base	11	22	Dead	LinStatic		1444.85	-321.04	7795.34	0
Base	11	22	Live	LinStatic		3361.2	24.31	6015.44	0
Base	11	22	SDL	LinStatic		0	0	0	0
Base	11	22	WX	LinStatic		-4.23	-7.3	85.63	0
Base	11	22	EQY	LinStatic		0	0	0	0
Base	11	22	EQX	LinRespSpec	Max	520.27	179.32	412.74	0
Base	11	22	EQX	LinRespSpec	Max	67.86	1183.82	750.54	0
Base	11	22	1.4D+1.7L	Combination	Max	7735.84	-408.11	21125.72	0
Base	11	22	0.8D+WX	Combination	Min	1298.14	-296.23	7096.44	0
Base	11	22	0.8D+WX	Combination	Min	1300.37	-288.93	7006.81	0
Base	11	22	0.75(1.4D+1.7L+1.7W)	Combination	Max	5797.24	-315.39	15958.57	0
Base	11	22	0.75(1.4D+1.7L+1.7W)+EQX	Combination	Max	5902.63	-300.09	15944.28	0
Base	11	22	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Max	6322.86	-128.78	16257.03	0
Base	11	22	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Min	5282.36	-485.41	1541.55	0
Base	11	22	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Min	5870.29	887.53	16035.23	0
Base	11	22	0.75(1.4D+1.7L+1.7W)+EQY	Combination	Min	5734.96	-1499.71	15053.36	0
Base	11	22	0.8D+EQX	Combination	Max	1820.64	-109.81	7419.55	0
Base	11	22	0.8D+EQX	Combination	Min	781.1	-488.25	6594.07	0
Base	11	22	0.8D+EQY	Combination	Max	1368.03	804.89	7797.74	0
Base	11	22	0.8D+EQY	Combination	Max	1232.71	-1482.55	6202.78	0
Base	11	22	D+L	Combination	Max	4905.05	-296.72	13308.78	0
Base	11	22	D+0.75L+0.75WX	Combination	Max	3962.59	-308.27	12364.14	0
Base	11	22	D+0.75L+0.75WY	Combination	Max	3965.78	-302.8	12296.92	0
Base	11	22	D+0.75L+0.75(0.7EQX)	Combination	Max	4238.89	-208.85	12513.61	0
Base	11	22	D+0.75L+0.75(0.7EQY)	Combination	Min	3892.61	-396.94	12060.23	0
Base	11	22	D+0.75L+0.75(0.7EQY)	Combination	Max	4001.28	323.85	12712.16	0
Base	11	22	D+0.75L+0.75(0.7EQY)	Combination	Min	3930.23	-929.45	11881.66	0
Base	11	22	D+WX	Combination	Max	1440.63	-326.33	7874.97	0
Base	11	22	D+WX	Combination	Max	1444.85	-321.04	7795.34	0
Base	11	22	D+0.7EQX	Combination	Max	1809.04	-195.51	8074.26	0
Base	11	22	D+0.7EQY	Combination	Min	1060.67	-446.24	7496.42	0
Base	11	22	D+0.7EQY	Combination	Min	1492.22	51.85	8338	0
Base	11	22	D+0.7EQY	Combination	Min	1307.49	-1156.57	7231.89	0
Base	11	22	0.8D+WX	Combination	Min	862.68	-199.92	4760.84	0
Base	11	22	0.8D+WX	Combination	Min	866.91	-192.62	4671.21	0
Base	11	22	0.8D+0.7EQX	Combination	Max	1231.1	-67.09	4960.12	0
Base	11	22	0.8D+0.7EQY	Combination	Min	502.73	-318.15	4382.29	0
Base	11	22	0.8D+0.7EQY	Combination	Max	914.28	642.91	5224.86	0
Base	11	22	0.8D+0.7EQY	Combination	Min	819.95	-1028.16	4117.55	0
Base	13	26	Dead	LinStatic		-334.33	-31.96	10273.74	0
Base	13	26	Live	LinStatic		-887.51	31.75	12693.3	0
Base	13	26	SDL	LinStatic		0	0	0	0
Base	13	26	WX	LinStatic		-13.05	-77.85	163.09	0
Base	13	26	EQY	LinStatic		0	0	0	0
Base	13	26	EQX	LinRespSpec	Max	868.19	825.99	54.69	0

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Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	13	26	EQY	LinRespSpec	Max	73.66	3132.82	7.95	0
Base	13	26	1.4D+1.7L	Combination	Max	-1068.63	8.23	35961.85	0
Base	13	26	0.8D+WX	Combination	Max	-313.94	-106.81	9409.46	0
Base	13	26	0.8D+WX	Combination	Max	-330.89	-126.78	9246.37	0
Base	13	26	0.75(1.4D+1.7L+1.7W)	Combination	Max	-1481.61	-92.33	21718.33	0
Base	13	26	0.75(1.4D+1.7L+1.7W)+EQX	Combination	Max	-1747.49	8.93	29971.38	0
Base	13	26	0.75(1.4D+1.7L)+EQX	Combination	Max	-606.78	832.92	27028.08	0
Base	13	26	0.75(1.4D+1.7L)+EQY	Combination	Max	-2343.16	-819.07	26917.67	0
Base	13	26	0.75(1.4D+1.7L)+EQY	Combination	Max	-1401.31	3138.74	28979.34	0
Base	13	26	0.75(1.4D+1.7L)+EQY	Combination	Min	-1548.62	-3125.89	26963.44	0
Base	13	26	0.8D+EQX	Combination	Max	567.29	797.23	9301.06	0
Base	13	26	0.8D+EQX	Combination	Min	-1169.08	-454.78	9131.58	0
Base	13	26	0.8D+EQY	Combination	Max	-227.24	3104.06	9131.58	0
Base	13	26	0.8D+EQY	Combination	Min	-237.45	-161.59	9232.02	0
Base	13	26	D+L	Combination	Max	-1215.84	-0.21	22967.44	0
Base	13	26	D+0.75L+0.75WX	Combination	Max	-1509.25	-54.83	19916.04	0
Base	13	26	D+0.75L+0.75WY	Combination	Max	-996.46	-8.15	19793.72	0
Base	13	26	D+0.75L+0.75L+0.75EQX	Combination	Max	-539.66	-42.5	19822.43	0
Base	13	26	D+0.75L+0.75L+0.75EQY	Combination	Min	-1451.28	-441.79	19765.01	0
Base	13	26	D+0.75L+0.75L+0.75EQY	Combination	Max	-656.79	1636.58	19767.89	0
Base	13	26	D+0.75L+0.75L+0.75EQY	Combination	Min	-1034.13	-1652.88	19769.55	0
Base	13	26	D+WX	Combination	Max	-347.37	-109.8	10436.84	0
Base	13	26	D+WX	Combination	Max	-334.33	-31.96	10273.74	0
Base	13	26	D+0.7EQX	Combination	Max	273.4	546.24	10312.03	0
Base	13	26	D+0.7EQX	Combination	Min	-942.66	-410.15	10235.46	0
Base	13	26	D+0.7EQY	Combination	Max	-282.77	2161.02	10275.21	0
Base	13	26	D+0.7EQY	Combination	Min	-385.88	-224.93	10268.19	0
Base	13	26	0.8D+WX	Combination	Max	-215.64	-87.02	9327.34	0
Base	13	26	0.8D+WX	Combination	Min	-200.6	-19.17	8164.25	0
Base	13	26	0.8D+EQX	Combination	Max	407.13	559.02	8022.53	0
Base	13	26	0.8D+0.7EQX	Combination	Max	-808.33	-597.37	8125.96	0
Base	13	26	0.8D+0.7EQY	Combination	Max	-149.04	2173.8	8169.81	0
Base	13	26	0.8D+0.7EQY	Combination	Min	-252.15	-2212.15	8158.68	0
Base	14	28	Dead	LinStatic		42.3	-1.11	10365.32	0
Base	14	28	Live	LinStatic		-33.26	12.49	28060.37	0
Base	14	28	SDL	LinStatic		0	0	0	0
Base	14	28	WX	LinStatic		-10.48	1.31	-2.59	0
Base	14	28	WY	LinStatic		0	0	0	0
Base	14	28	EQX	LinRespSpec	Max	1134.97	59.67	289.73	0
Base	14	28	EQY	LinRespSpec	Max	209.28	-468.9	91.85	0
Base	14	28	1.4D+1.7L	Combination	Max	6.88	19.69	5841.408	0
Base	14	28	0.9D+WX	Combination	Max	27.8	0.32	9332.82	0
Base	14	28	0.9D+WX	Combination	Max	36.07	-1	9328.79	0
Base	14	28	0.75(1.4D+1.7L+1.7W)	Combination	Max	-113.34	16.44	44107.25	0
Base	14	28	0.75(1.4D+1.7L+1.7W)+EQX	Combination	Max	2.01	14.77	44110.56	0
Base	14	28	0.75(1.4D+1.7L)+EQX	Combination	Max	1136.59	-74.44	44400.29	0
Base	14	28	0.75(1.4D+1.7L)+EQX	Combination	Min	-1132.96	-44.91	43820.82	0
Base	14	28	0.75(1.4D+1.7L)+EQY	Combination	Max	209.37	483.66	41622.41	0
Base	14	28	0.75(1.4D+1.7L)+EQY	Combination	Min	-205.34	-454.13	44058.71	0
Base	14	28	0.9D+EQX	Combination	Max	1173.05	-58.87	9615.52	0
Base	14	28	0.9D+EQX	Combination	Min	-1098.9	-40.67	9030.0	0
Base	14	28	0.9D+EQY	Combination	Max	245.43	-497.8	9580.69	0
Base	14	28	0.9D+EQY	Combination	Min	-119.28	-409.9	9275.94	0
Base	14	28	D+L	Combination	Max	0.04	11.39	36425.89	0
Base	14	28	D+0.75L+0.75WX	Combination	Max	9.5	9.25	29908.85	0
Base	14	28	D+0.75L+0.75WY	Combination	Max	117.36	8.26	28910.06	0
Base	14	28	D+0.75L+0.75L+0.75EQX	Combination	Max	613.23	39.59	30062.71	0
Base	14	28	D+0.75L+0.75L+0.75EQY	Combination	Min	-551.55	-23.07	29758.49	0
Base	14	28	D+0.75L+0.75L+0.75EQY	Combination	Max	126.22	254.43	29937.82	0
Base	14	28	D+0.75L+0.75L+0.75EQY	Combination	Min	-91.5	-237.91	28863.38	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	17	34	0.5D+WX	Combination		-363.61	-18.08	9092.35	0
Base	17	34	0.75(1.4D+1.7L+1.7WX)	Combination		-1836.8	-17.28	43045.02	0
Base	17	34	0.75(1.4D+1.7L+1.7WX)	Combination		-1829.1	-17.09	43058.09	0
Base	17	34	0.75(1.4D+1.7L)+EQX	Combination	Max	-279.62	0.3	43338.64	0
Base	17	34	0.75(1.4D+1.7L)+EQX	Combination	Min	-3378.56	-34.47	42777.54	0
Base	17	34	0.75(1.4D+1.7L)+EQY	Combination	Max	-1701.34	117.74	43086.25	0
Base	17	34	0.75(1.4D+1.7L)+EQY	Combination	Min	-1956.87	-151.91	43027.93	0
Base	17	34	0.9D+EQX	Combination	Max	1195.87	-0.89	9372.9	0
Base	17	34	0.9D+EQX	Combination	Min	-1913.09	-35.47	8811.8	0
Base	17	34	0.9D+EQY	Combination	Max	-235.85	118.74	9122.51	0
Base	17	34	0.9D+EQY	Combination	Min	-491.38	-152.9	9062.2	0
Base	17	34	D+L	Combination		-1505.55	116.95	35533.68	0
Base	17	34	D+0.75L+0.75WX	Combination		-1230.42	-17.95	29183.37	0
Base	17	34	D+0.75L+0.75WX	Combination		-1230.42	-17.73	29191.05	0
Base	17	34	D+0.75L+0.75WY	Combination		-116.94	-8.5	29334.34	0
Base	17	34	D+0.75L+0.75(0.7EQX)	Combination	Max	-2043.99	-28.86	29043.78	0
Base	17	34	D+0.75L+0.75(0.7EQX)	Combination	Min	-1163.34	53.05	29205.68	0
Base	17	34	D+0.75L+0.75(0.7EQY)	Combination	Max	-1297.49	-58.51	29175.22	0
Base	17	34	D+0.75L+0.75(0.7EQY)	Combination	Min	-409.9	-20.25	10092.37	0
Base	17	34	D+WX	Combination		-404.51	-20.09	10102.61	0
Base	17	34	D+WX	Combination		680.82	-7.92	10299	0
Base	17	34	D+0.7EQX	Combination	Max	-1488.95	-32.28	9905.23	0
Base	17	34	D+0.7EQX	Combination	Min	-314.58	74.28	10123.72	0
Base	17	34	D+0.7EQY	Combination	Max	-493.45	-114.47	10051.5	0
Base	17	34	D+0.7EQY	Combination	Min	-248.29	-12.21	8051.32	0
Base	17	34	0.6D+WX	Combination		-242.41	-12.05	8061.57	0
Base	17	34	0.6D+WX	Combination		842.23	0.12	8297.95	0
Base	17	34	0.6D+0.7EQX	Combination	Max	-1527.04	-24.23	8965.18	0
Base	17	34	0.6D+0.7EQX	Combination	Min	-152.97	82.32	8082.88	0
Base	17	34	0.6D+0.7EQY	Combination	Max	-331.84	-106.43	8040.48	0
Base	17	34	0.6D+0.7EQY	Combination	Min	-400.52	-6.52	10103.76	0
Base	18	36	Dead	LinStatic		-1103.62	2.39	25486.05	0
Base	18	36	SDL	LinStatic		0	0	0	0
Base	18	36	WX	LinStatic		-7.52	-0.73	-9.59	0
Base	18	36	WY	LinStatic		0	0	0	0
Base	18	36	EQX	LinRespSpec	Max	1587.73	15.79	30701.0	0
Base	18	36	EQY	LinRespSpec	Max	55.75	127.59	13.51	0
Base	18	36	1.4D+1.7L	Combination		-2436.88	-5.07	57453.96	0
Base	18	36	0.9D+WX	Combination		-367.99	-4.6	9093.79	0
Base	18	36	0.9D+WX	Combination		-2402.47	-5.87	9093.39	0
Base	18	36	0.9D+WX	Combination		-1837.24	-4.74	43055.74	0
Base	18	36	0.75(1.4D+1.7L+1.7WX)	Combination		-1827.66	-15.8	43067.97	0
Base	18	36	0.75(1.4D+1.7L)+EQX	Combination	Max	-239.93	11.99	43374.98	0
Base	18	36	0.75(1.4D+1.7L)+EQX	Combination	Min	-3415.39	-19.58	42790.96	0
Base	18	36	0.75(1.4D+1.7L)+EQY	Combination	Max	-1771.91	123.79	43081.48	0
Base	18	36	0.75(1.4D+1.7L)+EQY	Combination	Min	-1883.41	-131.39	43054.46	0
Base	18	36	0.9D+EQX	Combination	Max	1227.26	9.92	9400.4	0
Base	18	36	0.9D+EQX	Combination	Min	-1848.2	-21.65	8968.38	0
Base	18	36	0.9D+EQY	Combination	Max	-304.72	121.72	9106.69	0
Base	18	36	0.9D+EQY	Combination	Min	-418.22	-135.48	9079.88	0
Base	18	36	D+L	Combination		-1504.14	-4.13	35581.82	0
Base	18	36	D+0.75L+0.75WX	Combination		-1233.87	-5.28	29190.11	0
Base	18	36	D+0.75L+0.75WX	Combination		-1238.23	-4.73	29197.3	0
Base	18	36	D+0.75L+0.75WY	Combination		-394.87	-3.58	29258.48	0
Base	18	36	D+0.75L+0.75(0.7EQX)	Combination	Max	-2061.79	-13.9	29036.12	0
Base	18	36	D+0.75L+0.75(0.7EQX)	Combination	Min	-1198.96	82.28	29204.4	0
Base	18	36	D+0.75L+0.75(0.7EQY)	Combination	Max	-1257.5	-71.72	29190.21	0
Base	18	36	D+0.75L+0.75(0.7EQY)	Combination	Min	-408.04	-7.28	10094.17	0
Base	18	36	D+WX	Combination		-400.52	-6.52	10103.76	0
Base	18	36	D+0.7EQX	Combination	Max	710.89	4.53	10318.67	0

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Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	18	36	D+0.7EQX	Combination	Min	-1511.93	-17.57	8888.86	0
Base	18	36	D+0.7EQY	Combination	Max	-361.5	82.79	10113.22	0
Base	18	36	D+0.7EQY	Combination	Min	-439.55	-95.84	10094.31	0
Base	18	36	0.6D+WX	Combination		-247.83	-4.85	8052.67	0
Base	18	36	0.6D+WX	Combination		-240.31	-3.91	8062.28	0
Base	18	36	0.8D+WX	Combination		-371.11	-7.14	8277.18	0
Base	18	36	0.8D+0.7EQX	Combination	Max	-1551.72	-14.96	8947.35	0
Base	18	36	0.8D+0.7EQX	Combination	Min	-201.29	85.4	8071.71	0
Base	18	36	0.8D+0.7EQY	Combination	Max	-276.34	-83.23	8052.8	0
Base	18	36	0.8D+0.7EQY	Combination	Min	-383.9	-25.66	10103.36	0
Base	20	40	Dead	LinStatic		-1048.7	0.51	25451.07	0
Base	20	40	Live	LinStatic		0	0	0	0
Base	20	40	SDL	LinStatic		0	0	0	0
Base	20	40	WX	LinStatic		-12.65	-1.86	-7.7	0
Base	20	40	WY	LinStatic		0	0	0	0
Base	20	40	EQX	LinRespSpec	Max	1698.2	18.17	394.79	0
Base	20	40	EQY	LinRespSpec	Max	153.49	132.07	21.4	0
Base	20	40	1.4D+1.7L	Combination		-2334.25	-35.05	57411.53	0
Base	20	40	0.9D+WX	Combination		-367.16	-24.95	9093.33	0
Base	20	40	0.9D+WX	Combination		-2402.47	-5.87	9093.39	0
Base	20	40	0.75(1.4D+1.7L+1.7WX)	Combination		-1765.82	-26.65	43055.84	0
Base	20	40	0.75(1.4D+1.7L+1.7WX)	Combination		-1765.82	-26.28	43058.85	0
Base	20	40	0.75(1.4D+1.7L)+EQX	Combination	Max	-252.49	-11.1	43453.44	0
Base	20	40	0.75(1.4D+1.7L)+EQX	Combination	Min	-3448.89	-44.46	42663.85	0
Base	20	40	0.75(1.4D+1.7L)+EQY	Combination	Max	-1597.2	105.79	43080.05	0
Base	20	40	0.75(1.4D+1.7L)+EQY	Combination	Min	-1904.18	-158.36	43037.25	0
Base	20	40	0.9D+EQX	Combination	Max	1343.69	-4.92	8487.82	0
Base	20	40	0.9D+EQX	Combination	Min	-2052.71	-41.26	8698.23	0
Base	20	40	0.9D+EQY	Combination	Max	-201.02	108.98	9114.43	0
Base	20	40	0.9D+EQY	Combination	Min	-508	-155.17	9071.83	0
Base	20	40	D+L	Combination		-1442.8	-25.14	35594.44	0
Base	20	40	D+0.75L+0.75WX	Combination		-1189.91	-26.69	29185.89	0
Base	20	40	D+0.75L+0.75WX	Combination		-1189.43	-25.27	29191.67	0
Base	20	40	D+0.75L+0.75(0.7EQX)	Combination	Max	-288.87	-15.73	29398.93	0
Base	20	40	D+0.75L+0.75(0.7EQX)	Combination	Min	-2071.88	-34.81	29084.4	0
Base	20	40	D+0.75L+0.75(0.7EQY)	Combination	Max	-1099.84	44.07	29202.9	0
Base	20	40	D+0.75L+0.75(0.7EQY)	Combination	Min	-1281.01	-54.61	29180.43	0
Base	20	40	D+WX	Combination		-408.55	-7.51	10095.67	0
Base	20	40	D+WX	Combination		-393.9	-25.66	10103.36	0
Base	20	40	D+0.7EQX	Combination	Max	794.84	-12.94	10339.72	0
Base	20	40	D+0.7EQX	Combination	Min	-1562.64	-38.38	9627.01	0
Base	20	40	D+0.7EQY	Combination	Max	-286.46	66.8	10118.34	0
Base	20	40	D+0.7EQY	Combination	Min	-501.34	-118.11	10088.38	0
Base	20	40	0.6D+WX	Combination		-248.99	-4.75	8054.32	0
Base	20	40	0.6D+WX	Combination		-236.34	-3.91	8062.02	0
Base	20	40	0.8D+0.7EQX	Combination	Max	952.4	-4.87	8947.35	0
Base	20	40	0.8D+0.7EQX	Combination	Min	-1425.08	-26.11	8947.35	0
Base	20	40	0.8D+0.7EQY	Combination	Max	-125.9	77.06	8077	0
Base	20	40	0.8D+0.7EQY	Combination	Min	-343.78	-107.85	8047.04	0
Base	21	42	Dead	LinStatic		-370.55	449.94	10553.61	0
Base	21	42	Live	LinStatic		-1001.76	-9.37	25449.54	0
Base	21	42	SDL	LinStatic		0	0	0	0
Base	21	42	WX	LinStatic		-16.9	-4.54	-7.53	0
Base	21	42	WY	LinStatic		0	0	0	0
Base	21	42	EQX	LinRespSpec	Max	1394.01	239.47	156.84	0
Base	21	42	EQY	LinRespSpec	Max	183.26	1598.36	631.38	0
Base	21	42	1.4D+1.7L	Combination		-2220.87	-613.99	58178.28	0
Base	21	42	0.9D+WX	Combination		-356.25	-400.41	9640.72	0
Base	21	42	0.9D+WX	Combination		-339.35	-404.95	9588.25	0
Base	21	42	0.75(1.4D+1.7L+1.7WX)	Combination		-1694.71	-45.47	43624.85	0
Base	21	42	0.75(1.4D+1.7L+1.7WX)	Combination		-1673.16	-400.46	43634.45	0

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วิศวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เจริญศรีชัย วย.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kg-m
Base	21	42	0.75(1.4D+1.7L)+EQX	Combination	Max	-279.15	689.96	43791.09	0
Base	21	42	0.75(1.4D+1.7L)+EQX	Combination	Min	-3067.17	-221.02	43477.81	0
Base	21	42	0.75(1.4D+1.7L)+EQY	Combination	Max	-1509.9	2056.67	44268.93	0
Base	21	42	0.75(1.4D+1.7L)+EQY	Combination	Min	-1589.61	-1137.58	43203.07	0
Base	21	42	0.9D+EQX	Combination	Max	1054.66	644.42	9744.89	0
Base	21	42	0.9D+EQX	Combination	Min	-1733.36	-195.48	9431.61	0
Base	21	42	0.9D+EQY	Combination	Max	-178.09	2003.33	10219.83	0
Base	21	42	0.9D+EQY	Combination	Min	-502.6	-1193.43	8956.87	0
Base	21	42	D+L	Combination		-1378.82	440.57	36103.14	0
Base	21	42	D+0.75L+0.75WX	Combination		-1141.09	-239.51	29735.11	0
Base	21	42	D+0.75L+0.75WY	Combination		-1128.36	442.82	29736.76	0
Base	21	42	D+0.75L+0.75(7EQX)	Combination	Max	-189.92	566.84	5282.3	0
Base	21	42	D+0.75L+0.75(7EQX)	Combination	Min	-1042.87	-1322.06	3007.23	0
Base	21	42	D+0.75L+0.75(7EQY)	Combination	Max	-1214.09	-396.23	25409.29	0
Base	21	42	D+0.75L+0.75(7EQY)	Combination	Min	-393.96	445.4	10644.08	0
Base	21	42	D+WW	Combination		-377.05	494.94	10053.61	0
Base	21	42	D+0.7EQX	Combination	Max	598.75	617.57	10763.26	0
Base	21	42	D+0.7EQX	Combination	Min	-1352.86	282.31	10543.96	0
Base	21	42	D+0.7EQY	Combination	Max	-262.78	1598.81	11095.57	0
Base	21	42	D+0.7EQY	Combination	Min	-491.33	-668.92	10211.64	0
Base	21	42	0.6D+WW	Combination		-243.13	285.43	6384.63	0
Base	21	42	0.6D+WW	Combination		-226.23	269.97	6392.17	0
Base	21	42	0.6D+0.7EQX	Combination	Max	749.07	437.6	6501.81	0
Base	21	42	0.6D+0.7EQX	Combination	Min	-1202.04	102.34	6828.12	0
Base	21	42	0.6D+0.7EQY	Combination	Max	-111.99	1566.83	6683.13	0
Base	21	42	0.6D+0.7EQY	Combination	Min	-348.91	-648.9	5950.2	0
Base	21	42	0.6D+0.7EQY	Combination	Min	-283.83	-404.09	10815.8	0
Base	22	44	Dead	LinStatic					
Base	22	44	Live	LinStatic		-759.55	2.81	12694.6	0
Base	22	44	SDX	LinStatic				0	0
Base	22	44	VX	LinStatic		-13.67	68.17	165.5	0
Base	22	44	WY	LinStatic				0	0
Base	22	44	EQX	LinRespSpec	Max	929.07	475.07	129.31	0
Base	22	44	EQY	LinRespSpec	Max	48.81	1626.94	954.71	0
Base	22	44	1.4D+1.7L	Combination		-1688.34	-560.94	36722.94	0
Base	22	44	0.9D+WX	Combination		-208.95	-285.51	8699.72	0
Base	22	44	0.9D+WY	Combination		-255.27	-363.68	9734.22	0
Base	22	44	0.75(1.4D+1.7L+1.7WX)	Combination		-1283.69	-333.79	27753.22	0
Base	22	44	0.75(1.4D+1.7L+1.7WY)	Combination		-1266.26	-420.7	27542.21	0
Base	22	44	0.75(1.4D+1.7L)+EQX	Combination	Max	-304.89	524.26	22155.52	0
Base	22	44	0.75(1.4D+1.7L)+EQX	Combination	Min	-2195.32	-895.77	27412.9	0
Base	22	44	0.75(1.4D+1.7L)+EQY	Combination	Max	-1219.46	1205.7	28199.81	0
Base	22	44	0.75(1.4D+1.7L)+EQY	Combination	Min	-1313.07	-2047.01	28897.5	0
Base	22	44	0.9D+EQX	Combination	Max	673.8	111.39	8663.53	0
Base	22	44	0.9D+EQX	Combination	Min	-1184.34	-438.74	9604.91	0
Base	22	44	0.9D+EQY	Combination	Max	-208.46	1262.72	10586.83	0
Base	22	44	0.9D+EQY	Combination	Min	-302.08	-1990.06	9075.92	0
Base	22	44	D+L	Combination		-1043.2	-401.27	23510.4	0
Base	22	44	D+0.75L+0.75WX	Combination		-863.56	-350.85	20490.68	0
Base	22	44	D+0.75L+0.75WY	Combination		-853.31	-451.98	20396.75	0
Base	22	44	D+0.75L+0.75(7EQX)	Combination	Max	-365.55	-102.57	20494.64	0
Base	22	44	D+0.75L+0.75(7EQX)	Combination	Min	-1341.07	-951.39	20295.86	0
Base	22	44	D+0.75L+0.75(7EQY)	Combination	Max	-49.73	-651.88	20860.47	0
Base	22	44	D+0.75L+0.75(7EQY)	Combination	Min	-877.86	-1255.84	18993.03	0
Base	22	44	D+WW	Combination		-297.31	-335.92	10981.3	0
Base	22	44	D+WW	Combination		-283.83	-404.09	10815.8	0
Base	22	44	D+0.7EQX	Combination	Max	366.71	-71.54	10906.32	0
Base	22	44	D+0.7EQX	Combination	Min	-833.98	-738.93	10725.29	0
Base	22	44	D+0.7EQY	Combination	Max	-250.87	734.4	11274.1	0
Base	22	44	D+0.7EQY	Combination	Min	-316.4	-1542.57	10357.51	0