



Summary Report

Model File: Design using Eurocode, Revision 0
2/9/2021

1 Structure Data

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

1.1 Story Data

Table 1.1 - Story Definitions

Tower	Name	Height m	Master Story	Similar To	Splice Story	Color
T1	16	3.5	Yes	None	No	Cyan
T1	15	3.5	Yes	None	No	Cyan
T1	14	3.5	Yes	None	No	Cyan
T1	13	3.5	Yes	None	No	Cyan
T1	12F RF	3.5	No	13	No	Red
T1	11F RF	3.5	No	13	No	Magenta
T1	10F RF	3.5	No	13	No	Yellow
T1	9F RF	3.5	No	13	No	Gray8Dark
T1	8F RF	3.5	No	13	No	Blue
T1	7F RF	3.5	No	13	No	Green
T1	6F RF	3.5	No	13	No	Cyan
T1	5F RF	3.5	No	13	No	Red
T1	4F RF	3.5	No	13	No	Magenta
T1	3F RF	3.5	No	13	No	Yellow
T1	2F RF	3.5	No	13	No	Gray8Dark
T1	1F RF	3.5	No	13	No	Blue

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
~LLRF	Yes	Other	0	
Dead	No	Dead	1	
Earthquake+x	No	Seismic	0	EUROCODE8 2004
Earthquake+y	No	Seismic	0	EUROCODE8 2004
FF	No	Dead	1	
Live	No	Live	0	
PW	No	Dead	1	

2.2 Functions

2.2.1 Response Spectrum Functions

Table 2.2 - Functions - Response Spectrum - Eurocode8-2004 (Part 1 of 2)

Name	Period sec	Value	Country	Direction	Ag	Spectrum Type	Ground Type	S	Tb sec
Target Response Spectrum	0	0.32	CEN Default	Horizontal	0.4	1	B	1.2	0.15
Target Response Spectrum	0.05	0.413333							
Target Response Spectrum	0.1	0.506667							
Target Response Spectrum	0.15	0.6							
Target Response Spectrum	0.5	0.6							
Target Response Spectrum	0.75	0.4							
Target Response Spectrum	1	0.3							
Target Response Spectrum	1.25	0.24							
Target Response Spectrum	1.5	0.2							
Target Response Spectrum	1.75	0.171429							
Target Response Spectrum	2	0.15							
Target Response Spectrum	3.333	0.08							
Target Response Spectrum	4.667	0.08							
Target Response Spectrum	6	0.08							
Target Response Spectrum	7.333	0.08							
Target Response Spectrum	8.667	0.08							
Target Response Spectrum	10	0.08							

Table 2.2 - Functions - Response Spectrum - Eurocode8-2004 (Part 2 of 2)

Tc sec	Td sec	Beta	q	Damping Ratio
0.5	2	0.2	2	0.05

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Dead	LinStatic		3.712E-06	-24.7468	136038.0462	1706143.6742	-1867855	-663.2137
Live	LinStatic		0	-1.1511	9331.6423	116944.429	-124822.9547	-30.8489
FF	LinStatic		2.743E-06	-21.7173	106254.0491	1329826.5832	-1454210	-582.0223
PW	LinStatic		2.501E-06	-21.0404	99620.0047	1244546.7428	-1367052	-563.8833
Earthquake+x	LinStatic		-4193.348	-600.7574	-7628.6288	-76286.2882	44097.4742	37133.3629
Earthquake+y	LinStatic		-1.039E-05	-2462.4611	-210.7625	152269.4183	5648.4349	-25047.5544
TH-X Load Case	LinModHist	Max	3914.9696	647.6441	5849.1419	64437.5393	26506.7648	39063.4457
TH-X Load Case	LinModHist	Min	-3249.2762	-253.9334	-4470.8596	-71555.5787	-35049.3692	-39424.0408
TH-Y Load Case	LinModHist	Max	4461.556	371.0138	6738.3636	78122.9733	42462.2045	48302.332
TH-Y Load Case	LinModHist	Min	-4619.8501	-865.2371	-7047.9337	-84220.249	-40774.8711	-44825.9251
UDCon11	Combination		1.209E-05	-91.131	461581.335	5778697.9503	-6330308	-2442.3111
UDCon12	Combination		1.258E-05	-92.8576	475578.7984	5954114.5938	-6517542	-2488.5844
UDCon13	Combination	Max	3914.9697	579.7944	350560.7346	4380037.8683	-4700057	37245.0717
UDCon13	Combination	Min	-3249.2762	-321.7832	340240.7331	4244044.7502	-4761613	-41242.4148
UDCon14	Combination	Max	3249.2762	186.0836	349182.4523	4387155.9077	-4691514	37605.6667
UDCon14	Combination	Min	-3914.9696	-715.4939	338862.4508	4251162.7896	-4753070	-40881.8197
UDCon15	Combination	Max	4461.556	303.164	351449.9563	4393723.3022	-4684101	46483.958
UDCon15	Combination	Min	-4619.8501	-933.0869	337663.659	4231380.08	-4767339	-46644.2991
UDCon16	Combination	Max	4619.8501	797.3873	351759.5264	4399820.5779	-4685789	43007.5511
UDCon16	Combination	Min	-4461.556	-438.8635	337973.2291	4237477.3556	-4769026	-50120.706
UDCon17	Combination	Max	3914.9697	580.1397	347761.2419	4344954.5395	-4662610	37254.3263
UDCon17	Combination	Min	-3249.2762	-321.4378	337441.2404	4208961.4215	-4724166	-41233.1601
UDCon18	Combination	Max	3249.2762	186.4289	346382.9596	4352072.579	-4654067	37614.9214
UDCon18	Combination	Min	-3914.9696	-715.1486	336062.9581	4216079.4609	-4715624	-40872.565
UDCon19	Combination	Max	4461.556	303.5093	348650.4636	4358639.9735	-4646655	46493.2126
UDCon19	Combination	Min	-4619.8501	-932.7416	334864.1663	4196296.7512	-4729892	-46635.0444
UDCon20	Combination	Max	4619.8501	797.7327	348960.0337	4364737.2492	-4648342	43016.8057
UDCon20	Combination	Min	-4461.556	-438.5182	335173.7364	4202394.0269	-4731579	-50111.4513

Table 3.1 - Base Reactions (Part 2 of 2)

X m	Y m	Z m
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
14	D1	PW	LinStatic		-24.055	18.702	0.00107	24	15.615	12.0854	49
14	D1	Earthquake+x	LinStatic		175.11	35.253	-0.003245	24	15.615	12.0854	49
14	D1	Earthquake+y	LinStatic		24.019	160.71	-0.011372	24	15.615	12.0854	49
14	D1	TH-X Load Case	LinModHist	Max	119.895	14.509	0.002927	24	15.615	12.0854	49
14	D1	TH-X Load Case	LinModHist	Min	-152.003	-37.428	-0.00117	24	15.615	12.0854	49
14	D1	TH-Y Load Case	LinModHist	Max	179.474	49.559	0.001673	24	15.615	12.0854	49
14	D1	TH-Y Load Case	LinModHist	Min	-175.505	-21.131	-0.003911	24	15.615	12.0854	49
14	D1	UDCon11	Combination		-113.989	86.25	0.004955	24	15.615	12.0854	49
14	D1	UDCon12	Combination		-118.247	88.358	0.005067	24	15.615	12.0854	49
14	D1	UDCon13	Combination	Max	34.607	78.819	0.00662	24	15.615	12.0854	49
14	D1	UDCon13	Combination	Min	-237.291	26.883	0.002523	24	15.615	12.0854	49
14	D1	UDCon14	Combination	Max	66.715	101.738	0.004863	24	15.615	12.0854	49
14	D1	UDCon14	Combination	Min	-205.183	49.802	0.000766	24	15.615	12.0854	49
14	D1	UDCon15	Combination	Max	94.186	113.87	0.005366	24	15.615	12.0854	49
14	D1	UDCon15	Combination	Min	-260.793	43.179	-0.000218	24	15.615	12.0854	49
14	D1	UDCon16	Combination	Max	90.217	85.442	0.007604	24	15.615	12.0854	49
14	D1	UDCon16	Combination	Min	-264.762	14.751	0.00202	24	15.615	12.0854	49
14	D1	UDCon17	Combination	Max	35.459	78.398	0.006598	24	15.615	12.0854	49
14	D1	UDCon17	Combination	Min	-236.439	26.462	0.002501	24	15.615	12.0854	49
14	D1	UDCon18	Combination	Max	67.567	101.317	0.004841	24	15.615	12.0854	49
14	D1	UDCon18	Combination	Min	-204.331	49.38	0.000743	24	15.615	12.0854	49
14	D1	UDCon19	Combination	Max	95.038	113.449	0.005343	24	15.615	12.0854	49
14	D1	UDCon19	Combination	Min	-259.941	42.758	-0.000241	24	15.615	12.0854	49
14	D1	UDCon20	Combination	Max	91.069	85.021	0.007582	24	15.615	12.0854	49
14	D1	UDCon20	Combination	Min	-263.91	14.33	0.001998	24	15.615	12.0854	49
13	D1	Dead	LinStatic		-31.6	23.371	0.001354	25	15.615	12.0854	45.5
13	D1	Live	LinStatic		-2.599	1.297	6.8E-05	25	15.615	12.0854	45.5
13	D1	FF	LinStatic		-24.154	18.661	0.001034	25	15.615	12.0854	45.5
13	D1	PW	LinStatic		-22.256	17.421	0.000985	25	15.615	12.0854	45.5
13	D1	Earthquake+x	LinStatic		173.075	34.893	-0.003194	25	15.615	12.0854	45.5
13	D1	Earthquake+y	LinStatic		23.662	158.092	-0.011369	25	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Max	118.981	14.401	0.002939	25	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Min	-150.775	-37.146	-0.001167	25	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Max	177.779	49.212	0.001677	25	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Min	-173.908	-21.005	-0.003925	25	15.615	12.0854	45.5
13	D1	UDCon11	Combination		-105.313	80.262	0.004553	25	15.615	12.0854	45.5
13	D1	UDCon12	Combination		-109.211	82.207	0.004655	25	15.615	12.0854	45.5
13	D1	UDCon13	Combination	Max	40.192	74.243	0.006332	25	15.615	12.0854	45.5
13	D1	UDCon13	Combination	Min	-229.565	22.696	0.002226	25	15.615	12.0854	45.5
13	D1	UDCon14	Combination	Max	71.986	96.988	0.00456	25	15.615	12.0854	45.5
13	D1	UDCon14	Combination	Min	-197.771	45.441	0.000454	25	15.615	12.0854	45.5
13	D1	UDCon15	Combination	Max	98.99	109.055	0.00507	25	15.615	12.0854	45.5
13	D1	UDCon15	Combination	Min	-252.697	38.837	-0.000532	25	15.615	12.0854	45.5
13	D1	UDCon16	Combination	Max	95.118	80.847	0.007318	25	15.615	12.0854	45.5
13	D1	UDCon16	Combination	Min	-256.569	10.63	0.001716	25	15.615	12.0854	45.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
13	D1	UDCon17	Combination	Max	40.972	73.854	0.006312	25	15.615	12.0854	45.5
13	D1	UDCon17	Combination	Min	-228.785	22.307	0.002206	25	15.615	12.0854	45.5
13	D1	UDCon18	Combination	Max	72.765	96.599	0.004539	25	15.615	12.0854	45.5
13	D1	UDCon18	Combination	Min	-196.991	45.052	0.000434	25	15.615	12.0854	45.5
13	D1	UDCon19	Combination	Max	99.77	108.666	0.00505	25	15.615	12.0854	45.5
13	D1	UDCon19	Combination	Min	-251.917	38.448	-0.000552	25	15.615	12.0854	45.5
13	D1	UDCon20	Combination	Max	95.898	80.458	0.007298	25	15.615	12.0854	45.5
13	D1	UDCon20	Combination	Min	-255.789	10.241	0.001695	25	15.615	12.0854	45.5
12F RF	D1	Dead	LinStatic		-28.955	21.586	0.001233	26	15.615	12.0854	42
12F RF	D1	Live	LinStatic		-2.361	1.19	6.1E-05	26	15.615	12.0854	42
12F RF	D1	FF	LinStatic		-22.179	17.256	0.000944	26	15.615	12.0854	42
12F RF	D1	PW	LinStatic		-20.457	16.123	0.0009	26	15.615	12.0854	42
12F RF	D1	Earthquake+x	LinStatic		170.982	34.534	-0.003144	26	15.615	12.0854	42
12F RF	D1	Earthquake+y	LinStatic		23.303	155.46	-0.011366	26	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Max	118.038	14.293	0.00295	26	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Min	-149.51	-36.863	-0.001168	26	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Max	176.035	48.863	0.001682	26	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Min	-172.263	-20.878	-0.003938	26	15.615	12.0854	42
12F RF	D1	UDCon11	Combination		-96.649	74.203	0.004154	26	15.615	12.0854	42
12F RF	D1	UDCon12	Combination		-100.189	75.988	0.004245	26	15.615	12.0854	42
12F RF	D1	UDCon13	Combination	Max	45.738	69.615	0.006046	26	15.615	12.0854	42
12F RF	D1	UDCon13	Combination	Min	-221.809	18.459	0.001927	26	15.615	12.0854	42
12F RF	D1	UDCon14	Combination	Max	77.21	92.185	0.004263	26	15.615	12.0854	42
12F RF	D1	UDCon14	Combination	Min	-190.338	41.029	0.000145	26	15.615	12.0854	42
12F RF	D1	UDCon15	Combination	Max	103.736	104.185	0.004777	26	15.615	12.0854	42
12F RF	D1	UDCon15	Combination	Min	-244.563	34.444	-0.000843	26	15.615	12.0854	42
12F RF	D1	UDCon16	Combination	Max	99.963	76.2	0.007034	26	15.615	12.0854	42
12F RF	D1	UDCon16	Combination	Min	-248.335	6.459	0.001413	26	15.615	12.0854	42
12F RF	D1	UDCon17	Combination	Max	46.447	69.258	0.006027	26	15.615	12.0854	42
12F RF	D1	UDCon17	Combination	Min	-221.101	18.102	0.001909	26	15.615	12.0854	42
12F RF	D1	UDCon18	Combination	Max	77.918	91.828	0.004245	26	15.615	12.0854	42
12F RF	D1	UDCon18	Combination	Min	-189.63	40.672	0.000126	26	15.615	12.0854	42
12F RF	D1	UDCon19	Combination	Max	104.444	103.828	0.004759	26	15.615	12.0854	42
12F RF	D1	UDCon19	Combination	Min	-243.855	34.087	-0.000862	26	15.615	12.0854	42
12F RF	D1	UDCon20	Combination	Max	100.672	75.843	0.007015	26	15.615	12.0854	42
12F RF	D1	UDCon20	Combination	Min	-247.627	6.102	0.001395	26	15.615	12.0854	42
11F RF	D1	Dead	LinStatic		-26.327	19.797	0.001114	27	15.615	12.0854	38.5
11F RF	D1	Live	LinStatic		-2.126	1.084	5.5E-05	27	15.615	12.0854	38.5
11F RF	D1	FF	LinStatic		-20.213	15.843	0.000856	27	15.615	12.0854	38.5
11F RF	D1	PW	LinStatic		-18.663	14.815	0.000816	27	15.615	12.0854	38.5
11F RF	D1	Earthquake+x	LinStatic		168.839	34.176	-0.003094	27	15.615	12.0854	38.5
11F RF	D1	Earthquake+y	LinStatic		22.941	152.82	-0.011363	27	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Max	117.064	14.184	0.002962	27	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Min	-148.206	-36.578	-0.001169	27	15.615	12.0854	38.5
11F RF	D1	TH-Y Load Case	LinModHist	Max	174.244	48.512	0.001687	27	15.615	12.0854	38.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
11F RF	D1	TH-Y Load Case	LinModHist	Min	-170.573	-20.749	-0.003952	27	15.615	12.0854	38.5
11F RF	D1	UDCon11	Combination		-88.025	68.114	0.00376	27	15.615	12.0854	38.5
11F RF	D1	UDCon12	Combination		-91.214	69.74	0.003842	27	15.615	12.0854	38.5
11F RF	D1	UDCon13	Combination	Max	51.222	64.964	0.005763	27	15.615	12.0854	38.5
11F RF	D1	UDCon13	Combination	Min	-214.047	14.202	0.001633	27	15.615	12.0854	38.5
11F RF	D1	UDCon14	Combination	Max	82.364	87.358	0.00397	27	15.615	12.0854	38.5
11F RF	D1	UDCon14	Combination	Min	-182.906	36.596	-0.00016	27	15.615	12.0854	38.5
11F RF	D1	UDCon15	Combination	Max	108.402	99.292	0.004488	27	15.615	12.0854	38.5
11F RF	D1	UDCon15	Combination	Min	-236.415	30.031	-0.00115	27	15.615	12.0854	38.5
11F RF	D1	UDCon16	Combination	Max	104.732	71.529	0.006753	27	15.615	12.0854	38.5
11F RF	D1	UDCon16	Combination	Min	-240.086	2.269	0.001115	27	15.615	12.0854	38.5
11F RF	D1	UDCon17	Combination	Max	51.86	64.639	0.005747	27	15.615	12.0854	38.5
11F RF	D1	UDCon17	Combination	Min	-213.41	13.877	0.001616	27	15.615	12.0854	38.5
11F RF	D1	UDCon18	Combination	Max	83.002	87.033	0.003954	27	15.615	12.0854	38.5
11F RF	D1	UDCon18	Combination	Min	-182.268	36.271	-0.000177	27	15.615	12.0854	38.5
11F RF	D1	UDCon19	Combination	Max	109.04	98.966	0.004472	27	15.615	12.0854	38.5
11F RF	D1	UDCon19	Combination	Min	-235.777	29.706	-0.001166	27	15.615	12.0854	38.5
11F RF	D1	UDCon20	Combination	Max	105.369	71.204	0.006737	27	15.615	12.0854	38.5
11F RF	D1	UDCon20	Combination	Min	-239.448	1.943	0.001098	27	15.615	12.0854	38.5
10F RF	D1	Dead	LinStatic		-23.727	18.01	0.000997	28	15.615	12.0854	35
10F RF	D1	Live	LinStatic		-1.895	0.978	4.8E-05	28	15.615	12.0854	35
10F RF	D1	FF	LinStatic		-18.262	14.43	0.000769	28	15.615	12.0854	35
10F RF	D1	PW	LinStatic		-16.881	13.506	0.000734	28	15.615	12.0854	35
10F RF	D1	Earthquake+x	LinStatic		166.655	33.821	-0.003044	28	15.615	12.0854	35
10F RF	D1	Earthquake+y	LinStatic		22.577	150.181	-0.011362	28	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Max	116.06	14.078	0.002973	28	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Min	-146.865	-36.292	-0.00117	28	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Max	172.411	48.158	0.001692	28	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Min	-168.843	-20.62	-0.003965	28	15.615	12.0854	35
10F RF	D1	UDCon11	Combination		-79.474	62.026	0.003374	28	15.615	12.0854	35
10F RF	D1	UDCon12	Combination		-82.317	63.494	0.003447	28	15.615	12.0854	35
10F RF	D1	UDCon13	Combination	Max	56.622	60.317	0.005487	28	15.615	12.0854	35
10F RF	D1	UDCon13	Combination	Min	-206.304	9.946	0.001344	28	15.615	12.0854	35
10F RF	D1	UDCon14	Combination	Max	87.427	82.531	0.003684	28	15.615	12.0854	35
10F RF	D1	UDCon14	Combination	Min	-175.499	32.161	-0.000459	28	15.615	12.0854	35
10F RF	D1	UDCon15	Combination	Max	112.972	94.397	0.004206	28	15.615	12.0854	35
10F RF	D1	UDCon15	Combination	Min	-228.281	25.619	-0.001451	28	15.615	12.0854	35
10F RF	D1	UDCon16	Combination	Max	109.404	66.859	0.006479	28	15.615	12.0854	35
10F RF	D1	UDCon16	Combination	Min	-231.849	-1.919	0.000822	28	15.615	12.0854	35
10F RF	D1	UDCon17	Combination	Max	57.191	60.023	0.005472	28	15.615	12.0854	35
10F RF	D1	UDCon17	Combination	Min	-205.735	9.653	0.00133	28	15.615	12.0854	35
10F RF	D1	UDCon18	Combination	Max	87.995	82.238	0.003669	28	15.615	12.0854	35
10F RF	D1	UDCon18	Combination	Min	-174.93	31.867	-0.000473	28	15.615	12.0854	35
10F RF	D1	UDCon19	Combination	Max	113.541	94.104	0.004191	28	15.615	12.0854	35
10F RF	D1	UDCon19	Combination	Min	-227.713	25.325	-0.001465	28	15.615	12.0854	35

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
10F RF	D1	UDCon20	Combination	Max	109.973	66.565	0.006464	28	15.615	12.0854	35
10F RF	D1	UDCon20	Combination	Min	-231.281	-2.213	0.000808	28	15.615	12.0854	35
9F RF	D1	Dead	LinStatic		-21.162	16.233	0.000884	29	15.615	12.0854	31.5
9F RF	D1	Live	LinStatic		-1.67	0.875	4.2E-05	29	15.615	12.0854	31.5
9F RF	D1	FF	LinStatic		-16.332	13.023	0.000684	29	15.615	12.0854	31.5
9F RF	D1	PW	LinStatic		-15.117	12.201	0.000653	29	15.615	12.0854	31.5
9F RF	D1	Earthquake+x	LinStatic		164.444	33.468	-0.002996	29	15.615	12.0854	31.5
9F RF	D1	Earthquake+y	LinStatic		22.211	147.556	-0.011361	29	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Max	115.03	13.981	0.002983	29	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Min	-145.493	-36.007	-0.001171	29	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Max	170.545	47.805	0.001696	29	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Min	-167.079	-20.491	-0.003977	29	15.615	12.0854	31.5
9F RF	D1	UDCon11	Combination		-71.023	55.968	0.002999	29	15.615	12.0854	31.5
9F RF	D1	UDCon12	Combination		-73.529	57.28	0.003062	29	15.615	12.0854	31.5
9F RF	D1	UDCon13	Combination	Max	61.919	55.701	0.005217	29	15.615	12.0854	31.5
9F RF	D1	UDCon13	Combination	Min	-198.604	5.713	0.001063	29	15.615	12.0854	31.5
9F RF	D1	UDCon14	Combination	Max	92.382	77.728	0.003405	29	15.615	12.0854	31.5
9F RF	D1	UDCon14	Combination	Min	-168.141	27.739	-0.00075	29	15.615	12.0854	31.5
9F RF	D1	UDCon15	Combination	Max	117.434	89.525	0.00393	29	15.615	12.0854	31.5
9F RF	D1	UDCon15	Combination	Min	-220.19	21.23	-0.001743	29	15.615	12.0854	31.5
9F RF	D1	UDCon16	Combination	Max	113.968	62.211	0.006211	29	15.615	12.0854	31.5
9F RF	D1	UDCon16	Combination	Min	-223.656	-6.084	0.000538	29	15.615	12.0854	31.5
9F RF	D1	UDCon17	Combination	Max	62.421	55.439	0.005205	29	15.615	12.0854	31.5
9F RF	D1	UDCon17	Combination	Min	-198.103	5.451	0.00105	29	15.615	12.0854	31.5
9F RF	D1	UDCon18	Combination	Max	92.883	77.465	0.003392	29	15.615	12.0854	31.5
9F RF	D1	UDCon18	Combination	Min	-167.64	27.477	-0.000762	29	15.615	12.0854	31.5
9F RF	D1	UDCon19	Combination	Max	117.935	89.263	0.003917	29	15.615	12.0854	31.5
9F RF	D1	UDCon19	Combination	Min	-219.689	20.967	-0.001756	29	15.615	12.0854	31.5
9F RF	D1	UDCon20	Combination	Max	114.469	61.949	0.006198	29	15.615	12.0854	31.5
9F RF	D1	UDCon20	Combination	Min	-223.155	-6.346	0.000525	29	15.615	12.0854	31.5
8F RF	D1	Dead	LinStatic		-18.64	14.476	0.000774	30	15.615	12.0854	28
8F RF	D1	Live	LinStatic		-1.451	0.772	3.7E-05	30	15.615	12.0854	28
8F RF	D1	FF	LinStatic		-14.427	11.63	0.000602	30	15.615	12.0854	28
8F RF	D1	PW	LinStatic		-13.373	10.908	0.000576	30	15.615	12.0854	28
8F RF	D1	Earthquake+x	LinStatic		162.224	33.121	-0.002948	30	15.615	12.0854	28
8F RF	D1	Earthquake+y	LinStatic		21.843	144.962	-0.01136	30	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Max	113.98	13.884	0.002994	30	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Min	-144.096	-35.724	-0.001172	30	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Max	168.658	47.452	0.0017	30	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Min	-165.294	-20.362	-0.003989	30	15.615	12.0854	28
8F RF	D1	UDCon11	Combination		-62.695	49.969	0.002635	30	15.615	12.0854	28
8F RF	D1	UDCon12	Combination		-64.872	51.127	0.00269	30	15.615	12.0854	28
8F RF	D1	UDCon13	Combination	Max	67.103	51.13	0.004956	30	15.615	12.0854	28
8F RF	D1	UDCon13	Combination	Min	-190.972	1.521	0.000791	30	15.615	12.0854	28
8F RF	D1	UDCon14	Combination	Max	97.22	72.97	0.003135	30	15.615	12.0854	28

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
8F RF	D1	UDCon14	Combination	Min	-160.856	23.362	-0.001031	30	15.615	12.0854	28
8F RF	D1	UDCon15	Combination	Max	121.782	84.698	0.003663	30	15.615	12.0854	28
8F RF	D1	UDCon15	Combination	Min	-212.17	16.884	-0.002026	30	15.615	12.0854	28
8F RF	D1	UDCon16	Combination	Max	118.417	57.608	0.005951	30	15.615	12.0854	28
8F RF	D1	UDCon16	Combination	Min	-215.534	-10.206	0.000262	30	15.615	12.0854	28
8F RF	D1	UDCon17	Combination	Max	67.539	50.898	0.004945	30	15.615	12.0854	28
8F RF	D1	UDCon17	Combination	Min	-190.537	1.29	0.00078	30	15.615	12.0854	28
8F RF	D1	UDCon18	Combination	Max	97.655	72.738	0.003124	30	15.615	12.0854	28
8F RF	D1	UDCon18	Combination	Min	-160.421	23.13	-0.001042	30	15.615	12.0854	28
8F RF	D1	UDCon19	Combination	Max	122.217	84.466	0.003652	30	15.615	12.0854	28
8F RF	D1	UDCon19	Combination	Min	-211.735	16.652	-0.002037	30	15.615	12.0854	28
8F RF	D1	UDCon20	Combination	Max	118.853	57.376	0.00594	30	15.615	12.0854	28
8F RF	D1	UDCon20	Combination	Min	-215.099	-10.438	0.000251	30	15.615	12.0854	28
7F RF	D1	Dead	LinStatic		-16.168	12.75	0.000669	31	15.615	12.0854	24.5
7F RF	D1	Live	LinStatic		-1.239	0.673	3.1E-05	31	15.615	12.0854	24.5
7F RF	D1	FF	LinStatic		-12.553	10.259	0.000523	31	15.615	12.0854	24.5
7F RF	D1	PW	LinStatic		-11.655	9.634	0.000501	31	15.615	12.0854	24.5
7F RF	D1	Earthquake+x	LinStatic		160.016	32.779	-0.002903	31	15.615	12.0854	24.5
7F RF	D1	Earthquake+y	LinStatic		21.473	142.411	-0.01136	31	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Max	112.915	13.787	0.003003	31	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Min	-142.685	-35.444	-0.001174	31	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Max	166.939	47.102	0.001709	31	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Min	-163.502	-20.235	-0.004	31	15.615	12.0854	24.5
7F RF	D1	UDCon11	Combination		-54.507	44.069	0.002285	31	15.615	12.0854	24.5
7F RF	D1	UDCon12	Combination		-56.365	45.077	0.002331	31	15.615	12.0854	24.5
7F RF	D1	UDCon13	Combination	Max	72.168	46.632	0.004705	31	15.615	12.0854	24.5
7F RF	D1	UDCon13	Combination	Min	-183.432	-2.599	0.000527	31	15.615	12.0854	24.5
7F RF	D1	UDCon14	Combination	Max	101.937	68.289	0.002876	31	15.615	12.0854	24.5
7F RF	D1	UDCon14	Combination	Min	-153.662	19.058	-0.001302	31	15.615	12.0854	24.5
7F RF	D1	UDCon15	Combination	Max	126.192	79.947	0.00341	31	15.615	12.0854	24.5
7F RF	D1	UDCon15	Combination	Min	-204.249	12.61	-0.002298	31	15.615	12.0854	24.5
7F RF	D1	UDCon16	Combination	Max	122.754	53.08	0.005701	31	15.615	12.0854	24.5
7F RF	D1	UDCon16	Combination	Min	-207.687	-14.257	-7E-06	31	15.615	12.0854	24.5
7F RF	D1	UDCon17	Combination	Max	72.54	46.43	0.004696	31	15.615	12.0854	24.5
7F RF	D1	UDCon17	Combination	Min	-183.06	-2.801	0.000518	31	15.615	12.0854	24.5
7F RF	D1	UDCon18	Combination	Max	102.309	68.088	0.002866	31	15.615	12.0854	24.5
7F RF	D1	UDCon18	Combination	Min	-153.291	18.857	-0.001311	31	15.615	12.0854	24.5
7F RF	D1	UDCon19	Combination	Max	126.564	79.745	0.003401	31	15.615	12.0854	24.5
7F RF	D1	UDCon19	Combination	Min	-203.877	12.409	-0.002307	31	15.615	12.0854	24.5
7F RF	D1	UDCon20	Combination	Max	123.126	52.878	0.005692	31	15.615	12.0854	24.5
7F RF	D1	UDCon20	Combination	Min	-207.315	-14.458	-1.6E-05	31	15.615	12.0854	24.5
6F RF	D1	Dead	LinStatic		-13.747	11.062	0.000568	32	15.615	12.0854	21
6F RF	D1	Live	LinStatic		-1.034	0.576	2.6E-05	32	15.615	12.0854	21
6F RF	D1	FF	LinStatic		-10.71	8.917	0.000447	32	15.615	12.0854	21
6F RF	D1	PW	LinStatic		-9.961	8.385	0.000428	32	15.615	12.0854	21

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
6F RF	D1	Earthquake+x	LinStatic		157.846	32.444	-0.00286	32	15.615	12.0854	21
6F RF	D1	Earthquake+y	LinStatic		21.101	139.927	-0.01136	32	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Max	111.848	13.691	0.003012	32	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Min	-141.273	-35.17	-0.001176	32	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Max	165.316	46.758	0.001722	32	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Min	-161.721	-20.11	-0.00401	32	15.615	12.0854	21
6F RF	D1	UDCon11	Combination		-46.463	38.29	0.001949	32	15.615	12.0854	21
6F RF	D1	UDCon12	Combination		-48.014	39.153	0.001988	32	15.615	12.0854	21
6F RF	D1	UDCon13	Combination	Max	77.121	42.226	0.004464	32	15.615	12.0854	21
6F RF	D1	UDCon13	Combination	Min	-176	-6.635	0.000275	32	15.615	12.0854	21
6F RF	D1	UDCon14	Combination	Max	106.546	63.706	0.002627	32	15.615	12.0854	21
6F RF	D1	UDCon14	Combination	Min	-146.575	14.845	-0.001561	32	15.615	12.0854	21
6F RF	D1	UDCon15	Combination	Max	130.589	75.293	0.003173	32	15.615	12.0854	21
6F RF	D1	UDCon15	Combination	Min	-196.449	8.425	-0.002558	32	15.615	12.0854	21
6F RF	D1	UDCon16	Combination	Max	126.994	48.646	0.005461	32	15.615	12.0854	21
6F RF	D1	UDCon16	Combination	Min	-200.043	-18.222	-0.000271	32	15.615	12.0854	21
6F RF	D1	UDCon17	Combination	Max	77.431	42.054	0.004456	32	15.615	12.0854	21
6F RF	D1	UDCon17	Combination	Min	-175.69	-6.807	0.000267	32	15.615	12.0854	21
6F RF	D1	UDCon18	Combination	Max	106.856	63.533	0.00262	32	15.615	12.0854	21
6F RF	D1	UDCon18	Combination	Min	-146.265	14.672	-0.001569	32	15.615	12.0854	21
6F RF	D1	UDCon19	Combination	Max	130.899	75.121	0.003166	32	15.615	12.0854	21
6F RF	D1	UDCon19	Combination	Min	-196.138	8.253	-0.002566	32	15.615	12.0854	21
6F RF	D1	UDCon20	Combination	Max	127.304	48.473	0.005453	32	15.615	12.0854	21
6F RF	D1	UDCon20	Combination	Min	-199.733	-18.395	-0.000279	32	15.615	12.0854	21
5F RF	D1	Dead	LinStatic		-11.378	9.428	0.000472	33	15.615	12.0854	17.5
5F RF	D1	Live	LinStatic		-0.837	0.482	2.1E-05	33	15.615	12.0854	17.5
5F RF	D1	FF	LinStatic		-8.895	7.616	0.000374	33	15.615	12.0854	17.5
5F RF	D1	PW	LinStatic		-8.29	7.173	0.000359	33	15.615	12.0854	17.5
5F RF	D1	Earthquake+x	LinStatic		155.744	32.116	-0.00282	33	15.615	12.0854	17.5
5F RF	D1	Earthquake+y	LinStatic		20.732	137.515	-0.011361	33	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Max	110.791	13.595	0.00302	33	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Min	-139.879	-34.901	-0.001178	33	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Max	163.71	46.417	0.001734	33	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Min	-159.975	-19.988	-0.004019	33	15.615	12.0854	17.5
5F RF	D1	UDCon11	Combination		-38.559	32.695	0.001628	33	15.615	12.0854	17.5
5F RF	D1	UDCon12	Combination		-39.815	33.418	0.00166	33	15.615	12.0854	17.5
5F RF	D1	UDCon13	Combination	Max	81.978	37.958	0.004233	33	15.615	12.0854	17.5
5F RF	D1	UDCon13	Combination	Min	-168.692	-10.538	3.4E-05	33	15.615	12.0854	17.5
5F RF	D1	UDCon14	Combination	Max	111.065	59.264	0.00239	33	15.615	12.0854	17.5
5F RF	D1	UDCon14	Combination	Min	-139.605	10.768	-0.001808	33	15.615	12.0854	17.5
5F RF	D1	UDCon15	Combination	Max	134.897	70.78	0.002947	33	15.615	12.0854	17.5
5F RF	D1	UDCon15	Combination	Min	-188.789	4.375	-0.002806	33	15.615	12.0854	17.5
5F RF	D1	UDCon16	Combination	Max	131.162	44.351	0.005231	33	15.615	12.0854	17.5
5F RF	D1	UDCon16	Combination	Min	-192.524	-22.054	-0.000522	33	15.615	12.0854	17.5
5F RF	D1	UDCon17	Combination	Max	82.229	37.813	0.004226	33	15.615	12.0854	17.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
5F RF	D1	UDCon17	Combination	Min	-168.441	-10.683	2.8E-05	33	15.615	12.0854	17.5
5F RF	D1	UDCon18	Combination	Max	111.317	59.119	0.002384	33	15.615	12.0854	17.5
5F RF	D1	UDCon18	Combination	Min	-139.353	10.623	-0.001814	33	15.615	12.0854	17.5
5F RF	D1	UDCon19	Combination	Max	135.148	70.636	0.00294	33	15.615	12.0854	17.5
5F RF	D1	UDCon19	Combination	Min	-188.538	4.23	-0.002813	33	15.615	12.0854	17.5
5F RF	D1	UDCon20	Combination	Max	131.413	44.206	0.005225	33	15.615	12.0854	17.5
5F RF	D1	UDCon20	Combination	Min	-192.273	-22.199	-0.000528	33	15.615	12.0854	17.5
4F RF	D1	Dead	LinStatic		-9.052	7.828	0.000381	34	15.615	12.0854	14
4F RF	D1	Live	LinStatic		-0.648	0.393	1.7E-05	34	15.615	12.0854	14
4F RF	D1	FF	LinStatic		-7.103	6.339	0.000305	34	15.615	12.0854	14
4F RF	D1	PW	LinStatic		-6.634	5.981	0.000294	34	15.615	12.0854	14
4F RF	D1	Earthquake+x	LinStatic		153.745	31.791	-0.002783	34	15.615	12.0854	14
4F RF	D1	Earthquake+y	LinStatic		20.367	135.211	-0.011362	34	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Max	109.762	13.503	0.003027	34	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Min	-138.526	-34.646	-0.001179	34	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Max	162.149	46.093	0.001745	34	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Min	-158.294	-19.875	-0.004026	34	15.615	12.0854	14
4F RF	D1	UDCon11	Combination		-30.765	27.201	0.001323	34	15.615	12.0854	14
4F RF	D1	UDCon12	Combination		-31.737	27.79	0.001348	34	15.615	12.0854	14
4F RF	D1	UDCon13	Combination	Max	86.779	33.769	0.004012	34	15.615	12.0854	14
4F RF	D1	UDCon13	Combination	Min	-161.509	-14.38	-0.000194	34	15.615	12.0854	14
4F RF	D1	UDCon14	Combination	Max	115.542	54.912	0.002164	34	15.615	12.0854	14
4F RF	D1	UDCon14	Combination	Min	-132.746	6.764	-0.002043	34	15.615	12.0854	14
4F RF	D1	UDCon15	Combination	Max	139.166	66.36	0.00273	34	15.615	12.0854	14
4F RF	D1	UDCon15	Combination	Min	-181.277	0.392	-0.003041	34	15.615	12.0854	14
4F RF	D1	UDCon16	Combination	Max	135.31	40.141	0.005011	34	15.615	12.0854	14
4F RF	D1	UDCon16	Combination	Min	-185.133	-25.827	-0.00076	34	15.615	12.0854	14
4F RF	D1	UDCon17	Combination	Max	86.973	33.651	0.004007	34	15.615	12.0854	14
4F RF	D1	UDCon17	Combination	Min	-161.315	-14.497	-0.0002	34	15.615	12.0854	14
4F RF	D1	UDCon18	Combination	Max	115.737	54.795	0.002159	34	15.615	12.0854	14
4F RF	D1	UDCon18	Combination	Min	-132.551	6.646	-0.002048	34	15.615	12.0854	14
4F RF	D1	UDCon19	Combination	Max	139.36	66.242	0.002725	34	15.615	12.0854	14
4F RF	D1	UDCon19	Combination	Min	-181.082	0.274	-0.003046	34	15.615	12.0854	14
4F RF	D1	UDCon20	Combination	Max	135.505	40.024	0.005006	34	15.615	12.0854	14
4F RF	D1	UDCon20	Combination	Min	-184.938	-25.944	-0.000765	34	15.615	12.0854	14
3F RF	D1	Dead	LinStatic		-6.756	6.295	0.0003	35	15.615	12.0854	10.5
3F RF	D1	Live	LinStatic		-0.467	0.308	1.3E-05	35	15.615	12.0854	10.5
3F RF	D1	FF	LinStatic		-5.321	5.113	0.000243	35	15.615	12.0854	10.5
3F RF	D1	PW	LinStatic		-4.983	4.835	0.000234	35	15.615	12.0854	10.5
3F RF	D1	Earthquake+x	LinStatic		151.882	31.462	-0.002751	35	15.615	12.0854	10.5
3F RF	D1	Earthquake+y	LinStatic		20.022	132.966	-0.011365	35	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Max	108.773	13.408	0.003034	35	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Min	-137.232	-34.39	-0.001181	35	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Max	160.654	45.766	0.001755	35	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Min	-156.699	-19.762	-0.004033	35	15.615	12.0854	10.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
3F RF	D1	UDCon11	Combination		-23.032	21.927	0.001048	35	15.615	12.0854	10.5
3F RF	D1	UDCon12	Combination		-23.733	22.389	0.001068	35	15.615	12.0854	10.5
3F RF	D1	UDCon13	Combination	Max	91.573	29.743	0.003814	35	15.615	12.0854	10.5
3F RF	D1	UDCon13	Combination	Min	-154.433	-18.056	-0.0004	35	15.615	12.0854	10.5
3F RF	D1	UDCon14	Combination	Max	120.031	50.725	0.001961	35	15.615	12.0854	10.5
3F RF	D1	UDCon14	Combination	Min	-125.974	2.926	-0.002253	35	15.615	12.0854	10.5
3F RF	D1	UDCon15	Combination	Max	143.453	62.1	0.002535	35	15.615	12.0854	10.5
3F RF	D1	UDCon15	Combination	Min	-173.899	-3.427	-0.003252	35	15.615	12.0854	10.5
3F RF	D1	UDCon16	Combination	Max	139.498	36.096	0.004813	35	15.615	12.0854	10.5
3F RF	D1	UDCon16	Combination	Min	-177.855	-29.431	-0.000974	35	15.615	12.0854	10.5
3F RF	D1	UDCon17	Combination	Max	91.713	29.651	0.00381	35	15.615	12.0854	10.5
3F RF	D1	UDCon17	Combination	Min	-154.292	-18.148	-0.000404	35	15.615	12.0854	10.5
3F RF	D1	UDCon18	Combination	Max	120.171	50.632	0.001957	35	15.615	12.0854	10.5
3F RF	D1	UDCon18	Combination	Min	-125.834	2.834	-0.002257	35	15.615	12.0854	10.5
3F RF	D1	UDCon19	Combination	Max	143.594	62.008	0.002531	35	15.615	12.0854	10.5
3F RF	D1	UDCon19	Combination	Min	-173.759	-3.52	-0.003256	35	15.615	12.0854	10.5
3F RF	D1	UDCon20	Combination	Max	139.638	36.004	0.004809	35	15.615	12.0854	10.5
3F RF	D1	UDCon20	Combination	Min	-177.715	-29.524	-0.000978	35	15.615	12.0854	10.5
2F RF	D1	Dead	LinStatic		-4.377	4.754	0.000234	36	16.3662	12.0162	7
2F RF	D1	Live	LinStatic		-0.288	0.222	1E-05	36	16.3662	12.0162	7
2F RF	D1	FF	LinStatic		-3.456	3.875	0.000193	36	16.3662	12.0162	7
2F RF	D1	PW	LinStatic		-3.248	3.676	0.000187	36	16.3662	12.0162	7
2F RF	D1	Earthquake+x	LinStatic		150.013	29.106	-0.002726	36	16.3662	12.0162	7
2F RF	D1	Earthquake+y	LinStatic		18.926	122.317	-0.011367	36	16.3662	12.0162	7
2F RF	D1	TH-X Load Case	LinModHist	Max	108.031	12.433	0.00304	36	16.3662	12.0162	7
2F RF	D1	TH-X Load Case	LinModHist	Min	-136.008	-31.876	-0.001181	36	16.3662	12.0162	7
2F RF	D1	TH-Y Load Case	LinModHist	Max	159.286	42.429	0.001761	36	16.3662	12.0162	7
2F RF	D1	TH-Y Load Case	LinModHist	Min	-155.202	-18.332	-0.004036	36	16.3662	12.0162	7
2F RF	D1	UDCon11	Combination		-14.96	16.612	0.000828	36	16.3662	12.0162	7
2F RF	D1	UDCon12	Combination		-15.392	16.944	0.000843	36	16.3662	12.0162	7
2F RF	D1	UDCon13	Combination	Max	96.863	24.804	0.003656	36	16.3662	12.0162	7
2F RF	D1	UDCon13	Combination	Min	-147.176	-19.504	-0.000565	36	16.3662	12.0162	7
2F RF	D1	UDCon14	Combination	Max	124.84	44.247	0.001798	36	16.3662	12.0162	7
2F RF	D1	UDCon14	Combination	Min	-119.198	-0.061	-0.002423	36	16.3662	12.0162	7
2F RF	D1	UDCon15	Combination	Max	148.118	54.8	0.002377	36	16.3662	12.0162	7
2F RF	D1	UDCon15	Combination	Min	-166.37	-5.961	-0.00342	36	16.3662	12.0162	7
2F RF	D1	UDCon16	Combination	Max	144.034	30.704	0.004653	36	16.3662	12.0162	7
2F RF	D1	UDCon16	Combination	Min	-170.454	-30.057	-0.001144	36	16.3662	12.0162	7
2F RF	D1	UDCon17	Combination	Max	96.949	24.738	0.003653	36	16.3662	12.0162	7
2F RF	D1	UDCon17	Combination	Min	-147.089	-19.571	-0.000568	36	16.3662	12.0162	7
2F RF	D1	UDCon18	Combination	Max	124.927	44.181	0.001795	36	16.3662	12.0162	7
2F RF	D1	UDCon18	Combination	Min	-119.112	-0.128	-0.002426	36	16.3662	12.0162	7
2F RF	D1	UDCon19	Combination	Max	148.205	54.734	0.002374	36	16.3662	12.0162	7
2F RF	D1	UDCon19	Combination	Min	-166.283	-6.027	-0.003423	36	16.3662	12.0162	7
2F RF	D1	UDCon20	Combination	Max	144.121	30.637	0.00465	36	16.3662	12.0162	7

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
2F RF	D1	UDCon20	Combination	Min	-170.367	-30.124	-0.001147	36	16.3662	12.0162	7
1F RF	D1	Dead	LinStatic		-1.789	1.986	0.000195	37	15.7609	12.0249	3.5
1F RF	D1	Live	LinStatic		-0.106	0.078	9E-06	37	15.7609	12.0249	3.5
1F RF	D1	FF	LinStatic		-1.406	1.626	0.000163	37	15.7609	12.0249	3.5
1F RF	D1	PW	LinStatic		-1.329	1.547	0.000158	37	15.7609	12.0249	3.5
1F RF	D1	Earthquake+x	LinStatic		148.378	30.376	-0.002722	37	15.7609	12.0249	3.5
1F RF	D1	Earthquake+y	LinStatic		18.811	126.604	-0.011359	37	15.7609	12.0249	3.5
1F RF	D1	TH-X Load Case	LinModHist	Max	106.998	13.006	0.003033	37	15.7609	12.0249	3.5
1F RF	D1	TH-X Load Case	LinModHist	Min	-134.737	-33.332	-0.001179	37	15.7609	12.0249	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Max	157.799	44.381	0.001755	37	15.7609	12.0249	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Min	-153.681	-19.185	-0.004029	37	15.7609	12.0249	3.5
1F RF	D1	UDCon11	Combination		-6.106	6.965	0.000697	37	15.7609	12.0249	3.5
1F RF	D1	UDCon12	Combination		-6.265	7.081	0.00071	37	15.7609	12.0249	3.5
1F RF	D1	UDCon13	Combination	Max	102.443	18.189	0.003552	37	15.7609	12.0249	3.5
1F RF	D1	UDCon13	Combination	Min	-139.292	-28.149	-0.000661	37	15.7609	12.0249	3.5
1F RF	D1	UDCon14	Combination	Max	130.182	38.514	0.001698	37	15.7609	12.0249	3.5
1F RF	D1	UDCon14	Combination	Min	-111.553	-7.824	-0.002514	37	15.7609	12.0249	3.5
1F RF	D1	UDCon15	Combination	Max	153.244	49.563	0.002273	37	15.7609	12.0249	3.5
1F RF	D1	UDCon15	Combination	Min	-158.235	-14.002	-0.00351	37	15.7609	12.0249	3.5
1F RF	D1	UDCon16	Combination	Max	149.126	24.367	0.004548	37	15.7609	12.0249	3.5
1F RF	D1	UDCon16	Combination	Min	-162.353	-39.198	-0.001236	37	15.7609	12.0249	3.5
1F RF	D1	UDCon17	Combination	Max	102.475	18.166	0.003549	37	15.7609	12.0249	3.5
1F RF	D1	UDCon17	Combination	Min	-139.26	-28.172	-0.000663	37	15.7609	12.0249	3.5
1F RF	D1	UDCon18	Combination	Max	130.214	38.491	0.001696	37	15.7609	12.0249	3.5
1F RF	D1	UDCon18	Combination	Min	-111.521	-7.847	-0.002517	37	15.7609	12.0249	3.5
1F RF	D1	UDCon19	Combination	Max	153.275	49.54	0.002271	37	15.7609	12.0249	3.5
1F RF	D1	UDCon19	Combination	Min	-158.204	-14.026	-0.003513	37	15.7609	12.0249	3.5
1F RF	D1	UDCon20	Combination	Max	149.158	24.344	0.004545	37	15.7609	12.0249	3.5
1F RF	D1	UDCon20	Combination	Min	-162.322	-39.222	-0.001238	37	15.7609	12.0249	3.5
Base	D1	Dead	LinStatic		0.558	4.13	4.1E-05	38	20.0769	9.39	0
Base	D1	Live	LinStatic		0.104	0.202	-1.6E-05	38	20.0769	9.39	0
Base	D1	FF	LinStatic		0.276	3.708	7.6E-05	38	20.0769	9.39	0
Base	D1	PW	LinStatic		0.2	3.627	8.9E-05	38	20.0769	9.39	0
Base	D1	Earthquake+x	LinStatic		125.569	19.623	0.001499	38	20.0769	9.39	0
Base	D1	Earthquake+y	LinStatic		-9.853	68.917	-0.01139	38	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Max	101.315	7.204	0.005874	38	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Min	-119.053	-16.527	-0.003918	38	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Max	141.103	22.867	0.005469	38	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Min	-135.648	-9.561	-0.005983	38	20.0769	9.39	0
Base	D1	UDCon11	Combination		1.396	15.477	0.00028	38	20.0769	9.39	0
Base	D1	UDCon12	Combination		1.551	15.78	0.000256	38	20.0769	9.39	0
Base	D1	UDCon13	Combination	Max	102.38	18.729	0.006076	38	20.0769	9.39	0
Base	D1	UDCon13	Combination	Min	-117.988	-5.002	-0.003716	38	20.0769	9.39	0
Base	D1	UDCon14	Combination	Max	120.118	28.052	0.004121	38	20.0769	9.39	0
Base	D1	UDCon14	Combination	Min	-100.25	4.321	-0.005671	38	20.0769	9.39	0

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
Base	D1	UDCon15	Combination	Max	142.168	34.392	0.005672	38	20.0769	9.39	0
Base	D1	UDCon15	Combination	Min	-134.583	1.964	-0.00578	38	20.0769	9.39	0
Base	D1	UDCon16	Combination	Max	136.713	21.086	0.006185	38	20.0769	9.39	0
Base	D1	UDCon16	Combination	Min	-140.038	-11.342	-0.005267	38	20.0769	9.39	0
Base	D1	UDCon17	Combination	Max	102.349	18.668	0.006081	38	20.0769	9.39	0
Base	D1	UDCon17	Combination	Min	-118.019	-5.063	-0.003711	38	20.0769	9.39	0
Base	D1	UDCon18	Combination	Max	120.087	27.991	0.004126	38	20.0769	9.39	0
Base	D1	UDCon18	Combination	Min	-100.281	4.26	-0.005667	38	20.0769	9.39	0
Base	D1	UDCon19	Combination	Max	142.137	34.331	0.005676	38	20.0769	9.39	0
Base	D1	UDCon19	Combination	Min	-134.614	1.904	-0.005776	38	20.0769	9.39	0
Base	D1	UDCon20	Combination	Max	136.682	21.025	0.00619	38	20.0769	9.39	0
Base	D1	UDCon20	Combination	Min	-140.069	-11.402	-0.005262	38	20.0769	9.39	0

Table 3.4 - Diaphragm Max Over Avg Drifts

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	Dead	LinStatic		Diaph D1 X	0.001023	0.000763	1.342	6	20.5	19.6	49
14	Dead	LinStatic		Diaph D1 Y	0.0009	0.000493	1.826	45	26.8	14.8	49
14	Live	LinStatic		Diaph D1 X	8.4E-05	6.9E-05	1.216	32	11.4	19.6	49
14	Live	LinStatic		Diaph D1 Y	5.2E-05	3E-05	1.761	45	26.8	14.8	49
14	FF	LinStatic		Diaph D1 X	0.000762	0.000569	1.339	6	20.5	19.6	49
14	FF	LinStatic		Diaph D1 Y	0.000691	0.000388	1.779	45	26.8	14.8	49
14	PW	LinStatic		Diaph D1 X	0.0007	0.000518	1.351	6	20.5	19.6	49
14	PW	LinStatic		Diaph D1 Y	0.000644	0.000358	1.797	45	26.8	14.8	49
14	Earthquake+x	LinStatic		Diaph D1 X	0.000694	0.000584	1.188	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Diaph D1 Y	0.000274	0.000108	2.533	33	3.75	19.6	49
14	Earthquake+y	LinStatic		Diaph D1 X	0.000112	0.000102	1.094	33	3.75	19.6	49
14	Earthquake+y	LinStatic		Diaph D1 Y	0.000763	0.000745	1.024	38	3.75	14.8	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000331	0.000285	1.162	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000113	7.3E-05	1.542	33	3.75	19.6	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000489	0.000413	1.185	6	20.5	19.6	49

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000182	0.000131	1.385	33	3.75	19.6	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000574	0.000486	1.181	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000198	0.000153	1.297	33	3.75	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000541	0.000458	1.181	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000165	0.000106	1.561	33	3.75	19.6	49
14	UDCon11	Combination		Diaph D1 X	0.003355	0.002498	1.343	6	20.5	19.6	49
14	UDCon11	Combination		Diaph D1 Y	0.003017	0.001673	1.803	45	26.8	14.8	49
14	UDCon12	Combination		Diaph D1 X	0.00348	0.0026	1.338	6	20.5	19.6	49
14	UDCon12	Combination		Diaph D1 Y	0.003095	0.001718	1.802	45	26.8	14.8	49
14	UDCon13	Combination	Max	Diaph D1 X	0.002179	0.001584	1.376	6	20.5	19.6	49
14	UDCon13	Combination	Max	Diaph D1 Y	0.00234	0.001349	1.734	45	26.8	14.8	49
14	UDCon13	Combination	Min	Diaph D1 X	0.002999	0.002286	1.312	6	20.5	19.6	49
14	UDCon13	Combination	Min	Diaph D1 Y	0.002114	0.00109	1.94	45	26.8	14.8	49
14	UDCon14	Combination	Max	Diaph D1 X	0.002021	0.001455	1.388	6	20.5	19.6	49
14	UDCon14	Combination	Max	Diaph D1 Y	0.002387	0.001407	1.696	45	26.8	14.8	49
14	UDCon14	Combination	Min	Diaph D1 X	0.002841	0.002157	1.317	6	20.5	19.6	49
14	UDCon14	Combination	Min	Diaph D1 Y	0.002161	0.001148	1.883	45	26.8	14.8	49
14	UDCon15	Combination	Max	Diaph D1 X	0.001936	0.001382	1.401	6	20.5	19.6	49
14	UDCon15	Combination	Max	Diaph D1 Y	0.002394	0.001419	1.687	45	26.8	14.8	49
14	UDCon15	Combination	Min	Diaph D1 X	0.003051	0.002331	1.309	6	20.5	19.6	49
14	UDCon15	Combination	Min	Diaph D1 Y	0.002122	0.001102	1.925	45	26.8	14.8	49
14	UDCon16	Combination	Max	Diaph D1 X	0.001969	0.00141	1.397	6	20.5	19.6	49
14	UDCon16	Combination	Max	Diaph D1 Y	0.002378	0.001394	1.706	45	26.8	14.8	49

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	UDCon16	Combination	Min	Diaph D1 X	0.003084	0.002359	1.307	6	20.5	19.6	49
14	UDCon16	Combination	Min	Diaph D1 Y	0.002107	0.001078	1.955	45	26.8	14.8	49
14	UDCon17	Combination	Max	Diaph D1 X	0.002154	0.001564	1.378	6	20.5	19.6	49
14	UDCon17	Combination	Max	Diaph D1 Y	0.002324	0.00134	1.734	45	26.8	14.8	49
14	UDCon17	Combination	Min	Diaph D1 X	0.002974	0.002265	1.313	6	20.5	19.6	49
14	UDCon17	Combination	Min	Diaph D1 Y	0.002098	0.001081	1.942	45	26.8	14.8	49
14	UDCon18	Combination	Max	Diaph D1 X	0.001996	0.001435	1.391	6	20.5	19.6	49
14	UDCon18	Combination	Max	Diaph D1 Y	0.002371	0.001398	1.696	45	26.8	14.8	49
14	UDCon18	Combination	Min	Diaph D1 X	0.002816	0.002136	1.318	6	20.5	19.6	49
14	UDCon18	Combination	Min	Diaph D1 Y	0.002145	0.001139	1.884	45	26.8	14.8	49
14	UDCon19	Combination	Max	Diaph D1 X	0.001911	0.001361	1.404	6	20.5	19.6	49
14	UDCon19	Combination	Max	Diaph D1 Y	0.002378	0.00141	1.687	45	26.8	14.8	49
14	UDCon19	Combination	Min	Diaph D1 X	0.003026	0.002311	1.31	6	20.5	19.6	49
14	UDCon19	Combination	Min	Diaph D1 Y	0.002107	0.001093	1.927	45	26.8	14.8	49
14	UDCon20	Combination	Max	Diaph D1 X	0.001944	0.001389	1.399	6	20.5	19.6	49
14	UDCon20	Combination	Max	Diaph D1 Y	0.002363	0.001386	1.705	45	26.8	14.8	49
14	UDCon20	Combination	Min	Diaph D1 X	0.003059	0.002339	1.308	6	20.5	19.6	49
14	UDCon20	Combination	Min	Diaph D1 Y	0.002091	0.001069	1.956	45	26.8	14.8	49
13	Dead	LinStatic		Diaph D1 X	0.001019	0.000763	1.336	32	11.4	19.6	45.5
13	Dead	LinStatic		Diaph D1 Y	0.000899	0.000497	1.809	45	26.8	14.8	45.5
13	Live	LinStatic		Diaph D1 X	8.3E-05	6.8E-05	1.209	32	11.4	19.6	45.5
13	Live	LinStatic		Diaph D1 Y	5.2E-05	3E-05	1.745	45	26.8	14.8	45.5
13	FF	LinStatic		Diaph D1 X	0.00076	0.00057	1.334	32	11.4	19.6	45.5
13	FF	LinStatic		Diaph D1 Y	0.000692	0.000392	1.764	45	26.8	14.8	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	PW	LinStatic		Diaph D1 X	0.000699	0.000519	1.345	32	11.4	19.6	45.5
13	PW	LinStatic		Diaph D1 Y	0.000645	0.000362	1.781	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		Diaph D1 X	0.000709	0.0006	1.182	6	20.5	19.6	45.5
13	Earthquake+x	LinStatic		Diaph D1 Y	0.000274	0.000108	2.532	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		Diaph D1 X	0.000111	0.000104	1.075	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		Diaph D1 Y	0.000766	0.000749	1.022	38	3.75	14.8	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000339	0.000294	1.156	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000112	7.3E-05	1.541	33	3.75	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000501	0.000425	1.179	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000182	0.000132	1.382	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000588	0.0005	1.175	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000198	0.000153	1.293	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000554	0.000472	1.175	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000164	0.000105	1.559	33	3.75	19.6	45.5
13	UDCon11	Combination		Diaph D1 X	0.003345	0.0025	1.338	32	11.4	19.6	45.5
13	UDCon11	Combination		Diaph D1 Y	0.003018	0.001689	1.787	45	26.8	14.8	45.5
13	UDCon12	Combination		Diaph D1 X	0.003469	0.002603	1.333	32	11.4	19.6	45.5
13	UDCon12	Combination		Diaph D1 Y	0.003096	0.001733	1.786	45	26.8	14.8	45.5
13	UDCon13	Combination	Max	Diaph D1 X	0.002166	0.001579	1.372	32	11.4	19.6	45.5
13	UDCon13	Combination	Max	Diaph D1 Y	0.002341	0.001361	1.72	45	26.8	14.8	45.5
13	UDCon13	Combination	Min	Diaph D1 X	0.003	0.002298	1.306	6	20.5	19.6	45.5
13	UDCon13	Combination	Min	Diaph D1 Y	0.002115	0.001101	1.921	45	26.8	14.8	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	UDCon14	Combination	Max	Diaph D1 X	0.002006	0.001448	1.385	32	11.4	19.6	45.5
13	UDCon14	Combination	Max	Diaph D1 Y	0.002388	0.001419	1.683	45	26.8	14.8	45.5
13	UDCon14	Combination	Min	Diaph D1 X	0.002839	0.002166	1.31	32	11.4	19.6	45.5
13	UDCon14	Combination	Min	Diaph D1 Y	0.002162	0.001159	1.865	45	26.8	14.8	45.5
13	UDCon15	Combination	Max	Diaph D1 X	0.00192	0.001373	1.398	32	11.4	19.6	45.5
13	UDCon15	Combination	Max	Diaph D1 Y	0.002395	0.001431	1.674	45	26.8	14.8	45.5
13	UDCon15	Combination	Min	Diaph D1 X	0.003053	0.002345	1.302	6	20.5	19.6	45.5
13	UDCon15	Combination	Min	Diaph D1 Y	0.002123	0.001114	1.906	45	26.8	14.8	45.5
13	UDCon16	Combination	Max	Diaph D1 X	0.001953	0.001401	1.394	32	11.4	19.6	45.5
13	UDCon16	Combination	Max	Diaph D1 Y	0.002379	0.001406	1.692	45	26.8	14.8	45.5
13	UDCon16	Combination	Min	Diaph D1 X	0.003087	0.002373	1.301	6	20.5	19.6	45.5
13	UDCon16	Combination	Min	Diaph D1 Y	0.002108	0.001089	1.935	45	26.8	14.8	45.5
13	UDCon17	Combination	Max	Diaph D1 X	0.002142	0.001559	1.374	32	11.4	19.6	45.5
13	UDCon17	Combination	Max	Diaph D1 Y	0.002325	0.001352	1.72	45	26.8	14.8	45.5
13	UDCon17	Combination	Min	Diaph D1 X	0.002975	0.002277	1.306	6	20.5	19.6	45.5
13	UDCon17	Combination	Min	Diaph D1 Y	0.002099	0.001092	1.922	45	26.8	14.8	45.5
13	UDCon18	Combination	Max	Diaph D1 X	0.001981	0.001427	1.388	32	11.4	19.6	45.5
13	UDCon18	Combination	Max	Diaph D1 Y	0.002372	0.00141	1.682	45	26.8	14.8	45.5
13	UDCon18	Combination	Min	Diaph D1 X	0.002814	0.002146	1.311	32	11.4	19.6	45.5
13	UDCon18	Combination	Min	Diaph D1 Y	0.002146	0.00115	1.866	45	26.8	14.8	45.5
13	UDCon19	Combination	Max	Diaph D1 X	0.001895	0.001352	1.401	32	11.4	19.6	45.5
13	UDCon19	Combination	Max	Diaph D1 Y	0.002379	0.001422	1.674	45	26.8	14.8	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	UDCon19	Combination	Min	Diaph D1 X	0.003028	0.002324	1.303	6	20.5	19.6	45.5
13	UDCon19	Combination	Min	Diaph D1 Y	0.002108	0.001105	1.907	45	26.8	14.8	45.5
13	UDCon20	Combination	Max	Diaph D1 X	0.001928	0.001381	1.397	32	11.4	19.6	45.5
13	UDCon20	Combination	Max	Diaph D1 Y	0.002364	0.001397	1.692	45	26.8	14.8	45.5
13	UDCon20	Combination	Min	Diaph D1 X	0.003062	0.002353	1.301	6	20.5	19.6	45.5
13	UDCon20	Combination	Min	Diaph D1 Y	0.002092	0.00108	1.936	45	26.8	14.8	45.5
12F RF	Dead	LinStatic		Diaph D1 X	0.001009	0.000758	1.331	32	11.4	19.6	42
12F RF	Dead	LinStatic		Diaph D1 Y	0.000894	0.000499	1.793	45	26.8	14.8	42
12F RF	Live	LinStatic		Diaph D1 X	8.1E-05	6.7E-05	1.204	32	11.4	19.6	42
12F RF	Live	LinStatic		Diaph D1 Y	5.1E-05	3E-05	1.728	45	26.8	14.8	42
12F RF	FF	LinStatic		Diaph D1 X	0.000754	0.000567	1.33	32	11.4	19.6	42
12F RF	FF	LinStatic		Diaph D1 Y	0.000689	0.000394	1.748	45	26.8	14.8	42
12F RF	PW	LinStatic		Diaph D1 X	0.000694	0.000518	1.341	32	11.4	19.6	42
12F RF	PW	LinStatic		Diaph D1 Y	0.000643	0.000365	1.764	45	26.8	14.8	42
12F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000723	0.000615	1.177	6	20.5	19.6	42
12F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000272	0.000108	2.528	33	3.75	19.6	42
12F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000111	0.000104	1.062	33	3.75	19.6	42
12F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000766	0.000752	1.018	38	3.75	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000348	0.000302	1.15	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000112	7.3E-05	1.538	33	3.75	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000512	0.000436	1.173	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000181	0.000131	1.377	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000601	0.000514	1.169	6	20.5	19.6	42

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000196	0.000152	1.287	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000567	0.000485	1.169	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000163	0.000105	1.555	33	3.75	19.6	42
12F RF	UDCon11	Combination		Diaph D1 X	0.003318	0.002488	1.333	32	11.4	19.6	42
12F RF	UDCon11	Combination		Diaph D1 Y	0.003005	0.001697	1.77	45	26.8	14.8	42
12F RF	UDCon12	Combination		Diaph D1 X	0.00344	0.002589	1.328	32	11.4	19.6	42
12F RF	UDCon12	Combination		Diaph D1 Y	0.003082	0.001742	1.769	45	26.8	14.8	42
12F RF	UDCon13	Combination	Max	Diaph D1 X	0.002138	0.001561	1.369	32	11.4	19.6	42
12F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002331	0.001367	1.705	45	26.8	14.8	42
12F RF	UDCon13	Combination	Min	Diaph D1 X	0.002991	0.0023	1.301	6	20.5	19.6	42
12F RF	UDCon13	Combination	Min	Diaph D1 Y	0.002105	0.001108	1.9	45	26.8	14.8	42
12F RF	UDCon14	Combination	Max	Diaph D1 X	0.001974	0.001427	1.383	32	11.4	19.6	42
12F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002378	0.001425	1.669	45	26.8	14.8	42
12F RF	UDCon14	Combination	Min	Diaph D1 X	0.002827	0.002166	1.305	6	20.5	19.6	42
12F RF	UDCon14	Combination	Min	Diaph D1 Y	0.002152	0.001166	1.846	45	26.8	14.8	42
12F RF	UDCon15	Combination	Max	Diaph D1 X	0.001886	0.001349	1.398	32	11.4	19.6	42
12F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002385	0.001436	1.661	45	26.8	14.8	42
12F RF	UDCon15	Combination	Min	Diaph D1 X	0.003046	0.002349	1.297	6	20.5	19.6	42
12F RF	UDCon15	Combination	Min	Diaph D1 Y	0.002114	0.001121	1.886	45	26.8	14.8	42
12F RF	UDCon16	Combination	Max	Diaph D1 X	0.00192	0.001379	1.392	32	11.4	19.6	42
12F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002369	0.001411	1.678	45	26.8	14.8	42
12F RF	UDCon16	Combination	Min	Diaph D1 X	0.00308	0.002378	1.295	6	20.5	19.6	42

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
12F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002098	0.001096	1.914	45	26.8	14.8	42
12F RF	UDCon17	Combination	Max	Diaph D1 X	0.002113	0.001541	1.371	32	11.4	19.6	42
12F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002315	0.001358	1.705	45	26.8	14.8	42
12F RF	UDCon17	Combination	Min	Diaph D1 X	0.002967	0.00228	1.301	6	20.5	19.6	42
12F RF	UDCon17	Combination	Min	Diaph D1 Y	0.00209	0.001099	1.902	45	26.8	14.8	42
12F RF	UDCon18	Combination	Max	Diaph D1 X	0.00195	0.001407	1.386	32	11.4	19.6	42
12F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002362	0.001416	1.669	45	26.8	14.8	42
12F RF	UDCon18	Combination	Min	Diaph D1 X	0.002803	0.002146	1.306	6	20.5	19.6	42
12F RF	UDCon18	Combination	Min	Diaph D1 Y	0.002137	0.001157	1.847	45	26.8	14.8	42
12F RF	UDCon19	Combination	Max	Diaph D1 X	0.001861	0.001329	1.4	32	11.4	19.6	42
12F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002369	0.001427	1.66	45	26.8	14.8	42
12F RF	UDCon19	Combination	Min	Diaph D1 X	0.003022	0.002329	1.298	6	20.5	19.6	42
12F RF	UDCon19	Combination	Min	Diaph D1 Y	0.002098	0.001112	1.887	45	26.8	14.8	42
12F RF	UDCon20	Combination	Max	Diaph D1 X	0.001895	0.001358	1.395	32	11.4	19.6	42
12F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002354	0.001403	1.678	45	26.8	14.8	42
12F RF	UDCon20	Combination	Min	Diaph D1 X	0.003056	0.002358	1.296	6	20.5	19.6	42
12F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002083	0.001087	1.915	45	26.8	14.8	42
11F RF	Dead	LinStatic		Diaph D1 X	0.000995	0.00075	1.327	6	20.5	19.6	38.5
11F RF	Dead	LinStatic		Diaph D1 Y	0.000885	0.000499	1.775	45	26.8	14.8	38.5
11F RF	Live	LinStatic		Diaph D1 X	7.9E-05	6.6E-05	1.2	6	20.5	19.6	38.5
11F RF	Live	LinStatic		Diaph D1 Y	5E-05	2.9E-05	1.709	45	26.8	14.8	38.5
11F RF	FF	LinStatic		Diaph D1 X	0.000746	0.000563	1.325	6	20.5	19.6	38.5
11F RF	FF	LinStatic		Diaph D1 Y	0.000683	0.000395	1.731	45	26.8	14.8	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	PW	LinStatic		Diaph D1 X	0.000687	0.000514	1.337	6	20.5	19.6	38.5
11F RF	PW	LinStatic		Diaph D1 Y	0.000638	0.000366	1.746	45	26.8	14.8	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000734	0.000627	1.171	6	20.5	19.6	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.00027	0.000107	2.52	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 X	0.00011	0.000105	1.05	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000763	0.000752	1.015	38	3.75	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000355	0.00031	1.144	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.00011	7.2E-05	1.535	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000521	0.000446	1.167	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000178	0.00013	1.371	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000612	0.000526	1.163	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000194	0.000151	1.281	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000578	0.000497	1.163	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000161	0.000104	1.55	33	3.75	19.6	38.5
11F RF	UDCon11	Combination		Diaph D1 X	0.003278	0.002466	1.329	6	20.5	19.6	38.5
11F RF	UDCon11	Combination		Diaph D1 Y	0.002979	0.0017	1.753	45	26.8	14.8	38.5
11F RF	UDCon12	Combination		Diaph D1 X	0.003397	0.002565	1.324	6	20.5	19.6	38.5
11F RF	UDCon12	Combination		Diaph D1 Y	0.003054	0.001744	1.752	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Max	Diaph D1 X	0.002099	0.001536	1.367	32	11.4	19.6	38.5
11F RF	UDCon13	Combination	Max	Diaph D1 Y	0.00231	0.001367	1.69	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Min	Diaph D1 X	0.002973	0.002294	1.296	6	20.5	19.6	38.5
11F RF	UDCon13	Combination	Min	Diaph D1 Y	0.002086	0.001111	1.878	45	26.8	14.8	38.5
11F RF	UDCon14	Combination	Max	Diaph D1 X	0.001934	0.001399	1.382	32	11.4	19.6	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002357	0.001425	1.655	45	26.8	14.8	38.5
11F RF	UDCon14	Combination	Min	Diaph D1 X	0.002807	0.002158	1.3	6	20.5	19.6	38.5
11F RF	UDCon14	Combination	Min	Diaph D1 Y	0.002134	0.001169	1.826	45	26.8	14.8	38.5
11F RF	UDCon15	Combination	Max	Diaph D1 X	0.001844	0.001319	1.397	32	11.4	19.6	38.5
11F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002364	0.001436	1.647	45	26.8	14.8	38.5
11F RF	UDCon15	Combination	Min	Diaph D1 X	0.00303	0.002345	1.292	6	20.5	19.6	38.5
11F RF	UDCon15	Combination	Min	Diaph D1 Y	0.002095	0.001124	1.864	45	26.8	14.8	38.5
11F RF	UDCon16	Combination	Max	Diaph D1 X	0.001878	0.001349	1.392	32	11.4	19.6	38.5
11F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002348	0.001411	1.664	45	26.8	14.8	38.5
11F RF	UDCon16	Combination	Min	Diaph D1 X	0.003064	0.002375	1.29	6	20.5	19.6	38.5
11F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002079	0.0011	1.891	45	26.8	14.8	38.5
11F RF	UDCon17	Combination	Max	Diaph D1 X	0.002075	0.001516	1.369	32	11.4	19.6	38.5
11F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002295	0.001358	1.69	45	26.8	14.8	38.5
11F RF	UDCon17	Combination	Min	Diaph D1 X	0.002949	0.002275	1.296	6	20.5	19.6	38.5
11F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002071	0.001102	1.88	45	26.8	14.8	38.5
11F RF	UDCon18	Combination	Max	Diaph D1 X	0.00191	0.00138	1.385	32	11.4	19.6	38.5
11F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002342	0.001416	1.654	45	26.8	14.8	38.5
11F RF	UDCon18	Combination	Min	Diaph D1 X	0.002783	0.002138	1.301	6	20.5	19.6	38.5
11F RF	UDCon18	Combination	Min	Diaph D1 Y	0.002118	0.00116	1.827	45	26.8	14.8	38.5
11F RF	UDCon19	Combination	Max	Diaph D1 X	0.00182	0.001299	1.4	32	11.4	19.6	38.5
11F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002349	0.001427	1.646	45	26.8	14.8	38.5
11F RF	UDCon19	Combination	Min	Diaph D1 X	0.003006	0.002325	1.293	6	20.5	19.6	38.5
11F RF	UDCon19	Combination	Min	Diaph D1 Y	0.00208	0.001115	1.865	45	26.8	14.8	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	UDCon20	Combination	Max	Diaph D1 X	0.001854	0.001329	1.395	32	11.4	19.6	38.5
11F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002333	0.001403	1.663	45	26.8	14.8	38.5
11F RF	UDCon20	Combination	Min	Diaph D1 X	0.00304	0.002355	1.291	6	20.5	19.6	38.5
11F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002064	0.001091	1.892	45	26.8	14.8	38.5
10F RF	Dead	LinStatic		Diaph D1 X	0.000979	0.00074	1.323	6	20.5	19.6	35
10F RF	Dead	LinStatic		Diaph D1 Y	0.000872	0.000497	1.755	45	26.8	14.8	35
10F RF	Live	LinStatic		Diaph D1 X	7.8E-05	6.5E-05	1.198	6	20.5	19.6	35
10F RF	Live	LinStatic		Diaph D1 Y	4.9E-05	2.9E-05	1.687	47	26.8	10	35
10F RF	FF	LinStatic		Diaph D1 X	0.000736	0.000557	1.321	6	20.5	19.6	35
10F RF	FF	LinStatic		Diaph D1 Y	0.000675	0.000394	1.713	45	26.8	14.8	35
10F RF	PW	LinStatic		Diaph D1 X	0.000679	0.00051	1.332	6	20.5	19.6	35
10F RF	PW	LinStatic		Diaph D1 Y	0.000631	0.000365	1.728	45	26.8	14.8	35
10F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000739	0.000634	1.165	6	20.5	19.6	35
10F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000266	0.000106	2.505	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 X	0.00011	0.000106	1.04	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000757	0.000748	1.012	38	3.75	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00036	0.000317	1.137	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000108	7.1E-05	1.53	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000527	0.000454	1.161	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000175	0.000128	1.363	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.00062	0.000535	1.157	6	20.5	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00019	0.000149	1.273	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000586	0.000506	1.157	6	20.5	19.6	35

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000158	0.000102	1.545	33	3.75	19.6	35
10F RF	UDCon11	Combination		Diaph D1 X	0.003232	0.002439	1.325	6	20.5	19.6	35
10F RF	UDCon11	Combination		Diaph D1 Y	0.00294	0.001696	1.734	45	26.8	14.8	35
10F RF	UDCon12	Combination		Diaph D1 X	0.003349	0.002536	1.32	6	20.5	19.6	35
10F RF	UDCon12	Combination		Diaph D1 Y	0.003014	0.001739	1.733	45	26.8	14.8	35
10F RF	UDCon13	Combination	Max	Diaph D1 X	0.002057	0.001507	1.365	6	20.5	19.6	35
10F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002279	0.001362	1.673	45	26.8	14.8	35
10F RF	UDCon13	Combination	Min	Diaph D1 X	0.002944	0.002282	1.29	6	20.5	19.6	35
10F RF	UDCon13	Combination	Min	Diaph D1 Y	0.00206	0.001111	1.854	47	26.8	10	35
10F RF	UDCon14	Combination	Max	Diaph D1 X	0.001891	0.001369	1.381	6	20.5	19.6	35
10F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002327	0.001419	1.639	45	26.8	14.8	35
10F RF	UDCon14	Combination	Min	Diaph D1 X	0.002778	0.002144	1.295	6	20.5	19.6	35
10F RF	UDCon14	Combination	Min	Diaph D1 Y	0.002106	0.001168	1.804	47	26.8	10	35
10F RF	UDCon15	Combination	Max	Diaph D1 X	0.001798	0.001287	1.397	6	20.5	19.6	35
10F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002334	0.00143	1.632	45	26.8	14.8	35
10F RF	UDCon15	Combination	Min	Diaph D1 X	0.003003	0.002334	1.287	6	20.5	19.6	35
10F RF	UDCon15	Combination	Min	Diaph D1 Y	0.002069	0.001124	1.841	47	26.8	10	35
10F RF	UDCon16	Combination	Max	Diaph D1 X	0.001832	0.001317	1.391	6	20.5	19.6	35
10F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002317	0.001406	1.648	45	26.8	14.8	35
10F RF	UDCon16	Combination	Min	Diaph D1 X	0.003037	0.002364	1.285	6	20.5	19.6	35
10F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002052	0.001099	1.866	47	26.8	10	35
10F RF	UDCon17	Combination	Max	Diaph D1 X	0.002034	0.001488	1.367	6	20.5	19.6	35

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002265	0.001353	1.673	45	26.8	14.8	35
10F RF	UDCon17	Combination	Min	Diaph D1 X	0.002921	0.002262	1.291	6	20.5	19.6	35
10F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002045	0.001102	1.856	47	26.8	10	35
10F RF	UDCon18	Combination	Max	Diaph D1 X	0.001867	0.00135	1.383	6	20.5	19.6	35
10F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002312	0.001411	1.639	45	26.8	14.8	35
10F RF	UDCon18	Combination	Min	Diaph D1 X	0.002754	0.002125	1.296	6	20.5	19.6	35
10F RF	UDCon18	Combination	Min	Diaph D1 Y	0.002092	0.001159	1.805	47	26.8	10	35
10F RF	UDCon19	Combination	Max	Diaph D1 X	0.001775	0.001268	1.4	6	20.5	19.6	35
10F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002319	0.001422	1.631	45	26.8	14.8	35
10F RF	UDCon19	Combination	Min	Diaph D1 X	0.00298	0.002315	1.287	6	20.5	19.6	35
10F RF	UDCon19	Combination	Min	Diaph D1 Y	0.002054	0.001115	1.842	47	26.8	10	35
10F RF	UDCon20	Combination	Max	Diaph D1 X	0.001809	0.001297	1.394	6	20.5	19.6	35
10F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002302	0.001397	1.648	45	26.8	14.8	35
10F RF	UDCon20	Combination	Min	Diaph D1 X	0.003014	0.002344	1.286	6	20.5	19.6	35
10F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002037	0.001091	1.868	47	26.8	10	35
9F RF	Dead	LinStatic		Diaph D1 X	0.000962	0.000728	1.32	6	20.5	19.6	31.5
9F RF	Dead	LinStatic		Diaph D1 Y	0.000856	0.000494	1.734	47	26.8	10	31.5
9F RF	Live	LinStatic		Diaph D1 X	7.5E-05	6.3E-05	1.195	6	20.5	19.6	31.5
9F RF	Live	LinStatic		Diaph D1 Y	4.8E-05	2.9E-05	1.664	47	26.8	10	31.5
9F RF	FF	LinStatic		Diaph D1 X	0.000725	0.00055	1.318	6	20.5	19.6	31.5
9F RF	FF	LinStatic		Diaph D1 Y	0.000663	0.000392	1.693	45	26.8	14.8	31.5
9F RF	PW	LinStatic		Diaph D1 X	0.000669	0.000504	1.329	6	20.5	19.6	31.5
9F RF	PW	LinStatic		Diaph D1 Y	0.000621	0.000364	1.707	45	26.8	14.8	31.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
9F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000739	0.000637	1.159	6	20.5	19.6	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000259	0.000105	2.482	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 X	0.00011	0.000106	1.033	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000747	0.00074	1.009	38	3.75	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000363	0.000321	1.131	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000105	6.9E-05	1.524	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000529	0.000458	1.155	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000171	0.000126	1.355	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000623	0.000541	1.151	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000185	0.000146	1.265	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00059	0.000512	1.151	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000154	0.0001	1.54	33	3.75	19.6	31.5
9F RF	UDCon11	Combination		Diaph D1 X	0.003181	0.002406	1.322	6	20.5	19.6	31.5
9F RF	UDCon11	Combination		Diaph D1 Y	0.002889	0.001686	1.713	45	26.8	14.8	31.5
9F RF	UDCon12	Combination		Diaph D1 X	0.003294	0.002501	1.317	6	20.5	19.6	31.5
9F RF	UDCon12	Combination		Diaph D1 Y	0.00296	0.001729	1.712	45	26.8	14.8	31.5
9F RF	UDCon13	Combination	Max	Diaph D1 X	0.002016	0.001477	1.364	6	20.5	19.6	31.5
9F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002238	0.001352	1.655	45	26.8	14.8	31.5
9F RF	UDCon13	Combination	Min	Diaph D1 X	0.002908	0.002263	1.285	6	20.5	19.6	31.5
9F RF	UDCon13	Combination	Min	Diaph D1 Y	0.002024	0.001107	1.828	47	26.8	10	31.5
9F RF	UDCon14	Combination	Max	Diaph D1 X	0.001849	0.001339	1.381	6	20.5	19.6	31.5
9F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002285	0.001409	1.622	45	26.8	14.8	31.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
9F RF	UDCon14	Combination	Min	Diaph D1 X	0.002741	0.002125	1.29	6	20.5	19.6	31.5
9F RF	UDCon14	Combination	Min	Diaph D1 Y	0.002071	0.001164	1.78	47	26.8	10	31.5
9F RF	UDCon15	Combination	Max	Diaph D1 X	0.001755	0.001255	1.398	6	20.5	19.6	31.5
9F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002293	0.001419	1.615	45	26.8	14.8	31.5
9F RF	UDCon15	Combination	Min	Diaph D1 X	0.002968	0.002317	1.281	6	20.5	19.6	31.5
9F RF	UDCon15	Combination	Min	Diaph D1 Y	0.002034	0.001121	1.815	47	26.8	10	31.5
9F RF	UDCon16	Combination	Max	Diaph D1 X	0.001789	0.001285	1.392	6	20.5	19.6	31.5
9F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002275	0.001395	1.631	45	26.8	14.8	31.5
9F RF	UDCon16	Combination	Min	Diaph D1 X	0.003002	0.002346	1.279	6	20.5	19.6	31.5
9F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002016	0.001096	1.839	47	26.8	10	31.5
9F RF	UDCon17	Combination	Max	Diaph D1 X	0.001993	0.001458	1.367	6	20.5	19.6	31.5
9F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002224	0.001344	1.655	45	26.8	14.8	31.5
9F RF	UDCon17	Combination	Min	Diaph D1 X	0.002885	0.002244	1.286	6	20.5	19.6	31.5
9F RF	UDCon17	Combination	Min	Diaph D1 Y	0.00201	0.001099	1.829	47	26.8	10	31.5
9F RF	UDCon18	Combination	Max	Diaph D1 X	0.001827	0.00132	1.383	6	20.5	19.6	31.5
9F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002271	0.0014	1.622	45	26.8	14.8	31.5
9F RF	UDCon18	Combination	Min	Diaph D1 X	0.002719	0.002106	1.291	6	20.5	19.6	31.5
9F RF	UDCon18	Combination	Min	Diaph D1 Y	0.002057	0.001155	1.781	47	26.8	10	31.5
9F RF	UDCon19	Combination	Max	Diaph D1 X	0.001733	0.001237	1.401	6	20.5	19.6	31.5
9F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002279	0.001411	1.615	45	26.8	14.8	31.5
9F RF	UDCon19	Combination	Min	Diaph D1 X	0.002946	0.002298	1.282	6	20.5	19.6	31.5
9F RF	UDCon19	Combination	Min	Diaph D1 Y	0.00202	0.001112	1.816	47	26.8	10	31.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
9F RF	UDCon20	Combination	Max	Diaph D1 X	0.001766	0.001266	1.395	6	20.5	19.6	31.5
9F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002261	0.001387	1.631	45	26.8	14.8	31.5
9F RF	UDCon20	Combination	Min	Diaph D1 X	0.002979	0.002327	1.28	6	20.5	19.6	31.5
9F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002002	0.001088	1.84	47	26.8	10	31.5
8F RF	Dead	LinStatic		Diaph D1 X	0.000943	0.000715	1.319	6	20.5	19.6	28
8F RF	Dead	LinStatic		Diaph D1 Y	0.000835	0.000489	1.71	47	26.8	10	28
8F RF	Live	LinStatic		Diaph D1 X	7.3E-05	6.1E-05	1.194	6	20.5	19.6	28
8F RF	Live	LinStatic		Diaph D1 Y	4.6E-05	2.8E-05	1.637	47	26.8	10	28
8F RF	FF	LinStatic		Diaph D1 X	0.000714	0.000542	1.317	6	20.5	19.6	28
8F RF	FF	LinStatic		Diaph D1 Y	0.000649	0.000388	1.67	45	26.8	14.8	28
8F RF	PW	LinStatic		Diaph D1 X	0.00066	0.000497	1.328	6	20.5	19.6	28
8F RF	PW	LinStatic		Diaph D1 Y	0.000608	0.000361	1.684	45	26.8	14.8	28
8F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000731	0.000634	1.154	6	20.5	19.6	28
8F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000251	0.000103	2.447	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 X	0.00011	0.000107	1.032	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000733	0.000728	1.007	38	3.75	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000363	0.000323	1.124	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000101	6.7E-05	1.515	39	3.75	10	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000527	0.000459	1.149	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000165	0.000123	1.345	39	3.75	10	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000621	0.000543	1.145	6	20.5	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000178	0.000142	1.254	39	3.75	10	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000589	0.000514	1.145	6	20.5	19.6	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000148	9.7E-05	1.533	33	3.75	19.6	28
8F RF	UDCon11	Combination		Diaph D1 X	0.003128	0.002368	1.321	6	20.5	19.6	28
8F RF	UDCon11	Combination		Diaph D1 Y	0.002824	0.001671	1.69	45	26.8	14.8	28
8F RF	UDCon12	Combination		Diaph D1 X	0.003238	0.00246	1.316	6	20.5	19.6	28
8F RF	UDCon12	Combination		Diaph D1 Y	0.002893	0.001713	1.688	47	26.8	10	28
8F RF	UDCon13	Combination	Max	Diaph D1 X	0.001976	0.001447	1.366	6	20.5	19.6	28
8F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002186	0.001337	1.635	45	26.8	14.8	28
8F RF	UDCon13	Combination	Min	Diaph D1 X	0.002866	0.002235	1.282	6	20.5	19.6	28
8F RF	UDCon13	Combination	Min	Diaph D1 Y	0.00198	0.001101	1.798	47	26.8	10	28
8F RF	UDCon14	Combination	Max	Diaph D1 X	0.001812	0.00131	1.383	6	20.5	19.6	28
8F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002233	0.001393	1.604	45	26.8	14.8	28
8F RF	UDCon14	Combination	Min	Diaph D1 X	0.002702	0.002098	1.288	6	20.5	19.6	28
8F RF	UDCon14	Combination	Min	Diaph D1 Y	0.002026	0.001156	1.753	47	26.8	10	28
8F RF	UDCon15	Combination	Max	Diaph D1 X	0.001718	0.001225	1.402	6	20.5	19.6	28
8F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002241	0.001403	1.597	45	26.8	14.8	28
8F RF	UDCon15	Combination	Min	Diaph D1 X	0.002928	0.002292	1.278	6	20.5	19.6	28
8F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001991	0.001115	1.786	47	26.8	10	28
8F RF	UDCon16	Combination	Max	Diaph D1 X	0.00175	0.001253	1.396	6	20.5	19.6	28
8F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002223	0.001379	1.612	45	26.8	14.8	28
8F RF	UDCon16	Combination	Min	Diaph D1 X	0.00296	0.00232	1.276	6	20.5	19.6	28
8F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001972	0.00109	1.808	47	26.8	10	28
8F RF	UDCon17	Combination	Max	Diaph D1 X	0.001954	0.001428	1.368	6	20.5	19.6	28
8F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002172	0.001329	1.635	45	26.8	14.8	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	UDCon17	Combination	Min	Diaph D1 X	0.002844	0.002217	1.283	6	20.5	19.6	28
8F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001966	0.001092	1.799	47	26.8	10	28
8F RF	UDCon18	Combination	Max	Diaph D1 X	0.00179	0.001292	1.386	6	20.5	19.6	28
8F RF	UDCon18	Combination	Max	Diaph D1 Y	0.00222	0.001384	1.604	45	26.8	14.8	28
8F RF	UDCon18	Combination	Min	Diaph D1 X	0.00268	0.00208	1.288	6	20.5	19.6	28
8F RF	UDCon18	Combination	Min	Diaph D1 Y	0.002012	0.001148	1.754	47	26.8	10	28
8F RF	UDCon19	Combination	Max	Diaph D1 X	0.001696	0.001207	1.405	6	20.5	19.6	28
8F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002227	0.001395	1.597	45	26.8	14.8	28
8F RF	UDCon19	Combination	Min	Diaph D1 X	0.002906	0.002273	1.278	6	20.5	19.6	28
8F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001977	0.001106	1.787	47	26.8	10	28
8F RF	UDCon20	Combination	Max	Diaph D1 X	0.001728	0.001235	1.399	6	20.5	19.6	28
8F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002209	0.00137	1.612	45	26.8	14.8	28
8F RF	UDCon20	Combination	Min	Diaph D1 X	0.002938	0.002302	1.277	6	20.5	19.6	28
8F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001958	0.001082	1.81	47	26.8	10	28
7F RF	Dead	LinStatic		Diaph D1 X	0.000927	0.000701	1.321	6	20.5	19.6	24.5
7F RF	Dead	LinStatic		Diaph D1 Y	0.000811	0.000481	1.685	47	26.8	10	24.5
7F RF	Live	LinStatic		Diaph D1 X	7.1E-05	5.9E-05	1.193	6	20.5	19.6	24.5
7F RF	Live	LinStatic		Diaph D1 Y	4.5E-05	2.8E-05	1.61	47	26.8	10	24.5
7F RF	FF	LinStatic		Diaph D1 X	0.000705	0.000534	1.32	6	20.5	19.6	24.5
7F RF	FF	LinStatic		Diaph D1 Y	0.000632	0.000383	1.648	47	26.8	10	24.5
7F RF	PW	LinStatic		Diaph D1 X	0.000653	0.00049	1.331	6	20.5	19.6	24.5
7F RF	PW	LinStatic		Diaph D1 Y	0.000592	0.000357	1.661	47	26.8	10	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000715	0.000623	1.148	6	20.5	19.6	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000242	0.000101	2.399	39	3.75	10	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
7F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000112	0.000107	1.048	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000715	0.000711	1.006	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000358	0.000321	1.117	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	9.7E-05	6.4E-05	1.506	39	3.75	10	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000519	0.000454	1.142	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000158	0.000118	1.335	39	3.75	10	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000613	0.000538	1.138	6	20.5	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00017	0.000137	1.244	39	3.75	10	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000582	0.000511	1.138	6	20.5	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000141	9.3E-05	1.528	39	3.75	10	24.5
7F RF	UDCon11	Combination		Diaph D1 X	0.003084	0.00233	1.324	6	20.5	19.6	24.5
7F RF	UDCon11	Combination		Diaph D1 Y	0.002748	0.001649	1.666	47	26.8	10	24.5
7F RF	UDCon12	Combination		Diaph D1 X	0.00319	0.002418	1.319	6	20.5	19.6	24.5
7F RF	UDCon12	Combination		Diaph D1 Y	0.002815	0.001691	1.665	47	26.8	10	24.5
7F RF	UDCon13	Combination	Max	Diaph D1 X	0.001947	0.001419	1.372	6	20.5	19.6	24.5
7F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002124	0.001316	1.614	47	26.8	10	24.5
7F RF	UDCon13	Combination	Min	Diaph D1 X	0.002824	0.002202	1.283	6	20.5	19.6	24.5
7F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001928	0.001091	1.768	47	26.8	10	24.5
7F RF	UDCon14	Combination	Max	Diaph D1 X	0.001786	0.001285	1.391	6	20.5	19.6	24.5
7F RF	UDCon14	Combination	Max	Diaph D1 Y	0.00217	0.001369	1.585	45	26.8	14.8	24.5
7F RF	UDCon14	Combination	Min	Diaph D1 X	0.002664	0.002068	1.288	6	20.5	19.6	24.5
7F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001974	0.001144	1.725	47	26.8	10	24.5
7F RF	UDCon15	Combination	Max	Diaph D1 X	0.001693	0.001199	1.411	6	20.5	19.6	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
7F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002178	0.00138	1.579	47	26.8	10	24.5
7F RF	UDCon15	Combination	Min	Diaph D1 X	0.002887	0.00226	1.278	6	20.5	19.6	24.5
7F RF	UDCon15	Combination	Min	Diaph D1 Y	0.00194	0.001105	1.756	47	26.8	10	24.5
7F RF	UDCon16	Combination	Max	Diaph D1 X	0.001723	0.001227	1.405	6	20.5	19.6	24.5
7F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002158	0.001355	1.593	45	26.8	14.8	24.5
7F RF	UDCon16	Combination	Min	Diaph D1 X	0.002918	0.002287	1.276	6	20.5	19.6	24.5
7F RF	UDCon16	Combination	Min	Diaph D1 Y	0.00192	0.00108	1.777	47	26.8	10	24.5
7F RF	UDCon17	Combination	Max	Diaph D1 X	0.001926	0.001401	1.374	6	20.5	19.6	24.5
7F RF	UDCon17	Combination	Max	Diaph D1 Y	0.00211	0.001307	1.614	47	26.8	10	24.5
7F RF	UDCon17	Combination	Min	Diaph D1 X	0.002803	0.002184	1.283	6	20.5	19.6	24.5
7F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001915	0.001082	1.769	47	26.8	10	24.5
7F RF	UDCon18	Combination	Max	Diaph D1 X	0.001765	0.001267	1.393	6	20.5	19.6	24.5
7F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002157	0.001361	1.585	45	26.8	14.8	24.5
7F RF	UDCon18	Combination	Min	Diaph D1 X	0.002643	0.00205	1.289	6	20.5	19.6	24.5
7F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001961	0.001136	1.726	47	26.8	10	24.5
7F RF	UDCon19	Combination	Max	Diaph D1 X	0.001671	0.001182	1.414	6	20.5	19.6	24.5
7F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002165	0.001372	1.579	47	26.8	10	24.5
7F RF	UDCon19	Combination	Min	Diaph D1 X	0.002866	0.002242	1.278	6	20.5	19.6	24.5
7F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001927	0.001096	1.757	47	26.8	10	24.5
7F RF	UDCon20	Combination	Max	Diaph D1 X	0.001702	0.001209	1.408	6	20.5	19.6	24.5
7F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002145	0.001347	1.592	45	26.8	14.8	24.5
7F RF	UDCon20	Combination	Min	Diaph D1 X	0.002897	0.002269	1.276	6	20.5	19.6	24.5
7F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001906	0.001072	1.779	47	26.8	10	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	Dead	LinStatic		Diaph D1 X	0.000915	0.000691	1.324	6	20.5	19.6	21
6F RF	Dead	LinStatic		Diaph D1 Y	0.000785	0.000474	1.657	47	26.8	10	21
6F RF	Live	LinStatic		Diaph D1 X	6.8E-05	5.7E-05	1.194	6	20.5	19.6	21
6F RF	Live	LinStatic		Diaph D1 Y	4.3E-05	2.7E-05	1.579	47	26.8	10	21
6F RF	FF	LinStatic		Diaph D1 X	0.0007	0.000529	1.324	6	20.5	19.6	21
6F RF	FF	LinStatic		Diaph D1 Y	0.000613	0.000378	1.622	47	26.8	10	21
6F RF	PW	LinStatic		Diaph D1 X	0.00065	0.000487	1.335	6	20.5	19.6	21
6F RF	PW	LinStatic		Diaph D1 Y	0.000576	0.000352	1.634	47	26.8	10	21
6F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000689	0.000603	1.143	6	20.5	19.6	21
6F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.00023	9.9E-05	2.333	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000113	0.000105	1.072	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000698	0.000693	1.007	50	22.6	5	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000349	0.000315	1.11	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	9.1E-05	6.1E-05	1.489	39	3.75	10	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000504	0.000444	1.135	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000149	0.000113	1.319	39	3.75	10	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000596	0.000527	1.131	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000161	0.000131	1.227	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000567	0.000501	1.131	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000134	8.8E-05	1.515	33	3.75	19.6	21
6F RF	UDCon11	Combination		Diaph D1 X	0.003057	0.002303	1.327	6	20.5	19.6	21
6F RF	UDCon11	Combination		Diaph D1 Y	0.002664	0.001625	1.639	47	26.8	10	21
6F RF	UDCon12	Combination		Diaph D1 X	0.003159	0.002389	1.322	6	20.5	19.6	21
6F RF	UDCon12	Combination		Diaph D1 Y	0.002728	0.001666	1.638	47	26.8	10	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	UDCon13	Combination	Max	Diaph D1 X	0.001935	0.001404	1.379	6	20.5	19.6	21
6F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002055	0.001292	1.591	47	26.8	10	21
6F RF	UDCon13	Combination	Min	Diaph D1 X	0.002789	0.002173	1.283	6	20.5	19.6	21
6F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001871	0.00108	1.733	47	26.8	10	21
6F RF	UDCon14	Combination	Max	Diaph D1 X	0.001781	0.001274	1.398	6	20.5	19.6	21
6F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002102	0.001344	1.563	45	26.8	14.8	21
6F RF	UDCon14	Combination	Min	Diaph D1 X	0.002634	0.002043	1.289	6	20.5	19.6	21
6F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001917	0.001132	1.694	47	26.8	10	21
6F RF	UDCon15	Combination	Max	Diaph D1 X	0.001689	0.001189	1.42	6	20.5	19.6	21
6F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002111	0.001355	1.558	45	26.8	14.8	21
6F RF	UDCon15	Combination	Min	Diaph D1 X	0.002852	0.002232	1.278	6	20.5	19.6	21
6F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001885	0.001095	1.722	47	26.8	10	21
6F RF	UDCon16	Combination	Max	Diaph D1 X	0.001717	0.001215	1.414	6	20.5	19.6	21
6F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002088	0.00133	1.57	45	26.8	14.8	21
6F RF	UDCon16	Combination	Min	Diaph D1 X	0.002881	0.002258	1.276	6	20.5	19.6	21
6F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001862	0.00107	1.741	47	26.8	10	21
6F RF	UDCon17	Combination	Max	Diaph D1 X	0.001915	0.001387	1.381	6	20.5	19.6	21
6F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002042	0.001284	1.591	47	26.8	10	21
6F RF	UDCon17	Combination	Min	Diaph D1 X	0.002768	0.002156	1.284	6	20.5	19.6	21
6F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001859	0.001072	1.734	47	26.8	10	21
6F RF	UDCon18	Combination	Max	Diaph D1 X	0.00176	0.001257	1.401	6	20.5	19.6	21
6F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002089	0.001336	1.563	45	26.8	14.8	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	UDCon18	Combination	Min	Diaph D1 X	0.002614	0.002026	1.29	6	20.5	19.6	21
6F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001905	0.001124	1.695	47	26.8	10	21
6F RF	UDCon19	Combination	Max	Diaph D1 X	0.001668	0.001172	1.423	6	20.5	19.6	21
6F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002098	0.001347	1.558	45	26.8	14.8	21
6F RF	UDCon19	Combination	Min	Diaph D1 X	0.002832	0.002215	1.278	6	20.5	19.6	21
6F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001872	0.001087	1.723	47	26.8	10	21
6F RF	UDCon20	Combination	Max	Diaph D1 X	0.001697	0.001198	1.417	6	20.5	19.6	21
6F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002075	0.001322	1.57	45	26.8	14.8	21
6F RF	UDCon20	Combination	Min	Diaph D1 X	0.00286	0.002241	1.277	6	20.5	19.6	21
6F RF	UDCon20	Combination	Min	Diaph D1 Y	0.00185	0.001062	1.742	47	26.8	10	21
5F RF	Dead	LinStatic		Diaph D1 X	0.000902	0.000684	1.319	6	20.5	19.6	17.5
5F RF	Dead	LinStatic		Diaph D1 Y	0.000758	0.000462	1.639	47	26.8	10	17.5
5F RF	Live	LinStatic		Diaph D1 X	6.6E-05	5.5E-05	1.193	6	20.5	19.6	17.5
5F RF	Live	LinStatic		Diaph D1 Y	4.1E-05	2.6E-05	1.564	47	26.8	10	17.5
5F RF	FF	LinStatic		Diaph D1 X	0.000694	0.000526	1.319	6	20.5	19.6	17.5
5F RF	FF	LinStatic		Diaph D1 Y	0.000594	0.000369	1.607	47	26.8	10	17.5
5F RF	PW	LinStatic		Diaph D1 X	0.000646	0.000486	1.33	6	20.5	19.6	17.5
5F RF	PW	LinStatic		Diaph D1 Y	0.000558	0.000345	1.619	47	26.8	10	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000654	0.000574	1.139	6	20.5	19.6	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000219	9.8E-05	2.23	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000112	0.000102	1.095	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000669	0.000658	1.016	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000336	0.000305	1.104	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	8.6E-05	5.7E-05	1.502	33	3.75	19.6	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000482	0.000427	1.13	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000141	0.000107	1.319	33	3.75	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000572	0.000508	1.126	6	20.5	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000152	0.000125	1.221	33	3.75	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000546	0.000485	1.126	6	20.5	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000127	8.4E-05	1.511	33	3.75	19.6	17.5
5F RF	UDCon11	Combination		Diaph D1 X	0.003027	0.002289	1.322	6	20.5	19.6	17.5
5F RF	UDCon11	Combination		Diaph D1 Y	0.002578	0.001588	1.623	47	26.8	10	17.5
5F RF	UDCon12	Combination		Diaph D1 X	0.003126	0.002373	1.318	6	20.5	19.6	17.5
5F RF	UDCon12	Combination		Diaph D1 Y	0.002639	0.001627	1.622	47	26.8	10	17.5
5F RF	UDCon13	Combination	Max	Diaph D1 X	0.001926	0.001401	1.375	6	20.5	19.6	17.5
5F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001983	0.001258	1.577	47	26.8	10	17.5
5F RF	UDCon13	Combination	Min	Diaph D1 X	0.002745	0.002148	1.278	6	20.5	19.6	17.5
5F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001815	0.00106	1.712	47	26.8	10	17.5
5F RF	UDCon14	Combination	Max	Diaph D1 X	0.00178	0.001277	1.394	6	20.5	19.6	17.5
5F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002029	0.001308	1.551	47	26.8	10	17.5
5F RF	UDCon14	Combination	Min	Diaph D1 X	0.002598	0.002024	1.284	6	20.5	19.6	17.5
5F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001861	0.001111	1.675	47	26.8	10	17.5
5F RF	UDCon15	Combination	Max	Diaph D1 X	0.00169	0.001194	1.416	6	20.5	19.6	17.5
5F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002039	0.001319	1.546	47	26.8	10	17.5
5F RF	UDCon15	Combination	Min	Diaph D1 X	0.002808	0.002207	1.272	6	20.5	19.6	17.5
5F RF	UDCon15	Combination	Min	Diaph D1 Y	0.00183	0.001075	1.702	47	26.8	10	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	UDCon16	Combination	Max	Diaph D1 X	0.001717	0.001218	1.41	6	20.5	19.6	17.5
5F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002013	0.001293	1.557	47	26.8	10	17.5
5F RF	UDCon16	Combination	Min	Diaph D1 X	0.002834	0.002231	1.27	6	20.5	19.6	17.5
5F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001805	0.00105	1.719	47	26.8	10	17.5
5F RF	UDCon17	Combination	Max	Diaph D1 X	0.001906	0.001384	1.377	6	20.5	19.6	17.5
5F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001971	0.00125	1.577	47	26.8	10	17.5
5F RF	UDCon17	Combination	Min	Diaph D1 X	0.002725	0.002131	1.279	6	20.5	19.6	17.5
5F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001803	0.001052	1.713	47	26.8	10	17.5
5F RF	UDCon18	Combination	Max	Diaph D1 X	0.00176	0.00126	1.396	6	20.5	19.6	17.5
5F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002017	0.001301	1.551	47	26.8	10	17.5
5F RF	UDCon18	Combination	Min	Diaph D1 X	0.002579	0.002008	1.284	6	20.5	19.6	17.5
5F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001848	0.001103	1.676	47	26.8	10	17.5
5F RF	UDCon19	Combination	Max	Diaph D1 X	0.00167	0.001177	1.419	6	20.5	19.6	17.5
5F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002027	0.001311	1.546	47	26.8	10	17.5
5F RF	UDCon19	Combination	Min	Diaph D1 X	0.002788	0.00219	1.273	6	20.5	19.6	17.5
5F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001818	0.001067	1.703	47	26.8	10	17.5
5F RF	UDCon20	Combination	Max	Diaph D1 X	0.001697	0.001201	1.413	6	20.5	19.6	17.5
5F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002001	0.001286	1.557	47	26.8	10	17.5
5F RF	UDCon20	Combination	Min	Diaph D1 X	0.002815	0.002214	1.271	6	20.5	19.6	17.5
5F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001793	0.001042	1.721	47	26.8	10	17.5
4F RF	Dead	LinStatic		Diaph D1 X	0.000904	0.000694	1.302	6	20.5	19.6	14
4F RF	Dead	LinStatic		Diaph D1 Y	0.000775	0.000471	1.647	43	26.8	5	14
4F RF	Live	LinStatic		Diaph D1 X	6.4E-05	5.4E-05	1.193	6	20.5	19.6	14
4F RF	Live	LinStatic		Diaph D1 Y	4E-05	2.5E-05	1.572	43	26.8	5	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	FF	LinStatic		Diaph D1 X	0.000701	0.000541	1.297	6	20.5	19.6	14
4F RF	FF	LinStatic		Diaph D1 Y	0.000614	0.000379	1.622	43	26.8	5	14
4F RF	PW	LinStatic		Diaph D1 X	0.000654	0.000502	1.304	6	20.5	19.6	14
4F RF	PW	LinStatic		Diaph D1 Y	0.00058	0.000355	1.633	43	26.8	5	14
4F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000603	0.000534	1.13	6	20.5	19.6	14
4F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000206	9.6E-05	2.141	33	3.75	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000107	9.7E-05	1.104	26	11.4	5	14
4F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000667	0.000648	1.029	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000315	0.000287	1.095	6	20.5	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	8E-05	5.4E-05	1.472	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00045	0.000401	1.121	6	20.5	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000132	0.000102	1.285	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000535	0.000479	1.117	6	20.5	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000141	0.000119	1.185	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000511	0.000458	1.117	6	20.5	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000118	8E-05	1.479	33	3.75	19.6	14
4F RF	UDCon11	Combination		Diaph D1 X	0.00305	0.002344	1.301	6	20.5	19.6	14
4F RF	UDCon11	Combination		Diaph D1 Y	0.002659	0.001626	1.635	43	26.8	5	14
4F RF	UDCon12	Combination		Diaph D1 X	0.003146	0.002425	1.297	6	20.5	19.6	14
4F RF	UDCon12	Combination		Diaph D1 Y	0.002719	0.001664	1.633	43	26.8	5	14
4F RF	UDCon13	Combination	Max	Diaph D1 X	0.001963	0.001461	1.344	6	20.5	19.6	14
4F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002018	0.001271	1.588	43	26.8	5	14
4F RF	UDCon13	Combination	Min	Diaph D1 X	0.002728	0.002154	1.266	6	20.5	19.6	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001897	0.001104	1.718	43	26.8	5	14
4F RF	UDCon14	Combination	Max	Diaph D1 X	0.001829	0.001347	1.357	6	20.5	19.6	14
4F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002066	0.00132	1.565	43	26.8	5	14
4F RF	UDCon14	Combination	Min	Diaph D1 X	0.002593	0.002041	1.271	6	20.5	19.6	14
4F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001945	0.001154	1.685	43	26.8	5	14
4F RF	UDCon15	Combination	Max	Diaph D1 X	0.001744	0.001267	1.377	6	20.5	19.6	14
4F RF	UDCon15	Combination	Max	Diaph D1 Y	0.00208	0.001332	1.561	43	26.8	5	14
4F RF	UDCon15	Combination	Min	Diaph D1 X	0.002789	0.002211	1.262	6	20.5	19.6	14
4F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001922	0.001124	1.71	43	26.8	5	14
4F RF	UDCon16	Combination	Max	Diaph D1 X	0.001767	0.001288	1.372	6	20.5	19.6	14
4F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002041	0.001301	1.569	43	26.8	5	14
4F RF	UDCon16	Combination	Min	Diaph D1 X	0.002813	0.002232	1.26	6	20.5	19.6	14
4F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001883	0.001092	1.724	43	26.8	5	14
4F RF	UDCon17	Combination	Max	Diaph D1 X	0.001944	0.001444	1.346	6	20.5	19.6	14
4F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002006	0.001263	1.588	43	26.8	5	14
4F RF	UDCon17	Combination	Min	Diaph D1 X	0.002709	0.002138	1.267	6	20.5	19.6	14
4F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001885	0.001097	1.719	43	26.8	5	14
4F RF	UDCon18	Combination	Max	Diaph D1 X	0.001809	0.001331	1.36	6	20.5	19.6	14
4F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002054	0.001313	1.565	43	26.8	5	14
4F RF	UDCon18	Combination	Min	Diaph D1 X	0.002574	0.002025	1.271	6	20.5	19.6	14
4F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001933	0.001147	1.686	43	26.8	5	14
4F RF	UDCon19	Combination	Max	Diaph D1 X	0.001724	0.00125	1.379	6	20.5	19.6	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002068	0.001325	1.561	43	26.8	5	14
4F RF	UDCon19	Combination	Min	Diaph D1 X	0.00277	0.002195	1.262	6	20.5	19.6	14
4F RF	UDCon19	Combination	Min	Diaph D1 Y	0.00191	0.001116	1.711	43	26.8	5	14
4F RF	UDCon20	Combination	Max	Diaph D1 X	0.001748	0.001272	1.374	6	20.5	19.6	14
4F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002029	0.001294	1.569	43	26.8	5	14
4F RF	UDCon20	Combination	Min	Diaph D1 X	0.002794	0.002216	1.261	6	20.5	19.6	14
4F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001871	0.001085	1.725	43	26.8	5	14
3F RF	Dead	LinStatic		Diaph D1 X	0.000931	0.000691	1.347	6	20.5	19.6	10.5
3F RF	Dead	LinStatic		Diaph D1 Y	0.00073	0.000471	1.548	48	26.8	12	10.5
3F RF	Live	LinStatic		Diaph D1 X	6.3E-05	5.1E-05	1.227	6	20.5	19.6	10.5
3F RF	Live	LinStatic		Diaph D1 Y	3.7E-05	2.6E-05	1.464	48	26.8	12	10.5
3F RF	FF	LinStatic		Diaph D1 X	0.000729	0.000542	1.345	6	20.5	19.6	10.5
3F RF	FF	LinStatic		Diaph D1 Y	0.000579	0.00038	1.523	42	24.7	5	10.5
3F RF	PW	LinStatic		Diaph D1 X	0.000684	0.000505	1.353	6	20.5	19.6	10.5
3F RF	PW	LinStatic		Diaph D1 Y	0.000547	0.000357	1.533	42	24.7	5	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000541	0.000484	1.118	11	7	19.6	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000188	8.5E-05	2.213	39	3.75	10	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000114	7.9E-05	1.442	40	3.75	5	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000616	0.000581	1.061	42	24.7	5	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000291	0.000266	1.093	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	7.3E-05	4.7E-05	1.542	39	3.75	10	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000409	0.000368	1.11	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000119	8.9E-05	1.336	39	3.75	10	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000489	0.000441	1.108	11	7	19.6	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000127	0.0001	1.271	39	3.75	10	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000468	0.000422	1.108	11	7	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000104	6.8E-05	1.534	39	3.75	10	10.5
3F RF	UDCon11	Combination		Diaph D1 X	0.003164	0.002347	1.348	6	20.5	19.6	10.5
3F RF	UDCon11	Combination		Diaph D1 Y	0.002503	0.00163	1.535	48	26.8	12	10.5
3F RF	UDCon12	Combination		Diaph D1 X	0.003258	0.002423	1.344	6	20.5	19.6	10.5
3F RF	UDCon12	Combination		Diaph D1 Y	0.002559	0.001669	1.534	48	26.8	12	10.5
3F RF	UDCon13	Combination	Max	Diaph D1 X	0.002079	0.001489	1.396	6	20.5	19.6	10.5
3F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001904	0.001271	1.498	48	26.8	12	10.5
3F RF	UDCon13	Combination	Min	Diaph D1 X	0.002769	0.002121	1.306	6	20.5	19.6	10.5
3F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001786	0.001116	1.601	51	24.7	8.8	10.5
3F RF	UDCon14	Combination	Max	Diaph D1 X	0.001955	0.001386	1.411	6	20.5	19.6	10.5
3F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001949	0.001317	1.48	48	26.8	12	10.5
3F RF	UDCon14	Combination	Min	Diaph D1 X	0.002646	0.002018	1.311	6	20.5	19.6	10.5
3F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001836	0.001164	1.577	42	24.7	5	10.5
3F RF	UDCon15	Combination	Max	Diaph D1 X	0.001877	0.001314	1.429	6	20.5	19.6	10.5
3F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001962	0.001327	1.478	48	26.8	12	10.5
3F RF	UDCon15	Combination	Min	Diaph D1 X	0.002828	0.002175	1.3	6	20.5	19.6	10.5
3F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001817	0.001139	1.595	51	24.7	8.8	10.5
3F RF	UDCon16	Combination	Max	Diaph D1 X	0.001897	0.001332	1.424	6	20.5	19.6	10.5
3F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001927	0.001298	1.484	48	26.8	12	10.5
3F RF	UDCon16	Combination	Min	Diaph D1 X	0.002847	0.002193	1.298	6	20.5	19.6	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	UDCon16	Combination	Min	Diaph D1 Y	0.00177	0.001104	1.603	51	24.7	8.8	10.5
3F RF	UDCon17	Combination	Max	Diaph D1 X	0.00206	0.001474	1.398	6	20.5	19.6	10.5
3F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001892	0.001263	1.498	48	26.8	12	10.5
3F RF	UDCon17	Combination	Min	Diaph D1 X	0.002751	0.002106	1.306	6	20.5	19.6	10.5
3F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001775	0.001108	1.601	51	24.7	8.8	10.5
3F RF	UDCon18	Combination	Max	Diaph D1 X	0.001936	0.001371	1.413	6	20.5	19.6	10.5
3F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001938	0.001309	1.48	48	26.8	12	10.5
3F RF	UDCon18	Combination	Min	Diaph D1 X	0.002627	0.002002	1.312	6	20.5	19.6	10.5
3F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001825	0.001157	1.578	42	24.7	5	10.5
3F RF	UDCon19	Combination	Max	Diaph D1 X	0.001858	0.001299	1.431	6	20.5	19.6	10.5
3F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001951	0.001319	1.478	48	26.8	12	10.5
3F RF	UDCon19	Combination	Min	Diaph D1 X	0.002809	0.00216	1.301	6	20.5	19.6	10.5
3F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001806	0.001131	1.596	51	24.7	8.8	10.5
3F RF	UDCon20	Combination	Max	Diaph D1 X	0.001878	0.001316	1.426	6	20.5	19.6	10.5
3F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001916	0.001291	1.484	48	26.8	12	10.5
3F RF	UDCon20	Combination	Min	Diaph D1 X	0.002829	0.002178	1.299	6	20.5	19.6	10.5
3F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001758	0.001096	1.604	51	24.7	8.8	10.5
2F RF	Dead	LinStatic		Diaph D1 X	0.001037	0.000683	1.518	45	26.8	14.8	7
2F RF	Dead	LinStatic		Diaph D1 Y	0.001644	0.000883	1.862	43	26.8	5	7
2F RF	Live	LinStatic		Diaph D1 X	6.5E-05	4.7E-05	1.377	45	26.8	14.8	7
2F RF	Live	LinStatic		Diaph D1 Y	7.1E-05	4E-05	1.798	43	26.8	5	7
2F RF	FF	LinStatic		Diaph D1 X	0.000828	0.000545	1.519	45	26.8	14.8	7
2F RF	FF	LinStatic		Diaph D1 Y	0.001354	0.000731	1.853	43	26.8	5	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	PW	LinStatic		Diaph D1 X	0.000781	0.000511	1.53	45	26.8	14.8	7
2F RF	PW	LinStatic		Diaph D1 Y	0.0013	0.000699	1.861	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000493	0.000412	1.198	38	3.75	14.8	7
2F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000203	0.000103	1.984	40	3.75	5	7
2F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000207	8.7E-05	2.388	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000769	0.000631	1.218	27	17.9	5	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000321	0.000264	1.219	52	22.6	8.8	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	7.8E-05	5.1E-05	1.537	40	3.75	5	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000391	0.00033	1.186	29	20.5	10	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000129	9.2E-05	1.409	50	22.6	5	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000476	0.000403	1.183	29	20.5	10	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000157	0.000114	1.376	57	22.6	5.35	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000459	0.000388	1.184	29	20.5	10	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000128	7.9E-05	1.616	43	26.8	5	7
2F RF	UDCon11	Combination		Diaph D1 X	0.003571	0.002347	1.522	45	26.8	14.8	7
2F RF	UDCon11	Combination		Diaph D1 Y	0.005803	0.003122	1.859	43	26.8	5	7
2F RF	UDCon12	Combination		Diaph D1 X	0.003669	0.002418	1.517	45	26.8	14.8	7
2F RF	UDCon12	Combination		Diaph D1 Y	0.00591	0.003182	1.858	43	26.8	5	7
2F RF	UDCon13	Combination	Max	Diaph D1 X	0.002437	0.001534	1.589	45	26.8	14.8	7
2F RF	UDCon13	Combination	Max	Diaph D1 Y	0.004395	0.002401	1.83	43	26.8	5	7
2F RF	UDCon13	Combination	Min	Diaph D1 X	0.002966	0.002041	1.453	45	26.8	14.8	7
2F RF	UDCon13	Combination	Min	Diaph D1 Y	0.004199	0.0022	1.909	43	26.8	5	7
2F RF	UDCon14	Combination	Max	Diaph D1 X	0.002364	0.001464	1.614	45	26.8	14.8	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	UDCon14	Combination	Max	Diaph D1 Y	0.004442	0.00245	1.813	43	26.8	5	7
2F RF	UDCon14	Combination	Min	Diaph D1 X	0.002893	0.001971	1.467	45	26.8	14.8	7
2F RF	UDCon14	Combination	Min	Diaph D1 Y	0.004246	0.002248	1.888	43	26.8	5	7
2F RF	UDCon15	Combination	Max	Diaph D1 X	0.002302	0.001405	1.638	45	26.8	14.8	7
2F RF	UDCon15	Combination	Max	Diaph D1 Y	0.004461	0.002465	1.809	43	26.8	5	7
2F RF	UDCon15	Combination	Min	Diaph D1 X	0.003014	0.002086	1.444	45	26.8	14.8	7
2F RF	UDCon15	Combination	Min	Diaph D1 Y	0.004192	0.002201	1.905	43	26.8	5	7
2F RF	UDCon16	Combination	Max	Diaph D1 X	0.002316	0.001418	1.633	45	26.8	14.8	7
2F RF	UDCon16	Combination	Max	Diaph D1 Y	0.004449	0.002449	1.817	43	26.8	5	7
2F RF	UDCon16	Combination	Min	Diaph D1 X	0.003028	0.0021	1.442	45	26.8	14.8	7
2F RF	UDCon16	Combination	Min	Diaph D1 Y	0.004179	0.002184	1.914	43	26.8	5	7
2F RF	UDCon17	Combination	Max	Diaph D1 X	0.002417	0.001519	1.591	45	26.8	14.8	7
2F RF	UDCon17	Combination	Max	Diaph D1 Y	0.004373	0.002389	1.83	43	26.8	5	7
2F RF	UDCon17	Combination	Min	Diaph D1 X	0.002946	0.002026	1.454	45	26.8	14.8	7
2F RF	UDCon17	Combination	Min	Diaph D1 Y	0.004177	0.002188	1.91	43	26.8	5	7
2F RF	UDCon18	Combination	Max	Diaph D1 X	0.002344	0.00145	1.617	45	26.8	14.8	7
2F RF	UDCon18	Combination	Max	Diaph D1 Y	0.00442	0.002438	1.813	43	26.8	5	7
2F RF	UDCon18	Combination	Min	Diaph D1 X	0.002873	0.001957	1.468	45	26.8	14.8	7
2F RF	UDCon18	Combination	Min	Diaph D1 Y	0.004224	0.002236	1.889	43	26.8	5	7
2F RF	UDCon19	Combination	Max	Diaph D1 X	0.002282	0.001391	1.641	45	26.8	14.8	7
2F RF	UDCon19	Combination	Max	Diaph D1 Y	0.00444	0.002454	1.81	43	26.8	5	7
2F RF	UDCon19	Combination	Min	Diaph D1 X	0.002994	0.002072	1.445	45	26.8	14.8	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	UDCon19	Combination	Min	Diaph D1 Y	0.004171	0.002189	1.905	43	26.8	5	7
2F RF	UDCon20	Combination	Max	Diaph D1 X	0.002296	0.001404	1.635	45	26.8	14.8	7
2F RF	UDCon20	Combination	Max	Diaph D1 Y	0.004427	0.002437	1.817	43	26.8	5	7
2F RF	UDCon20	Combination	Min	Diaph D1 X	0.003008	0.002086	1.442	45	26.8	14.8	7
2F RF	UDCon20	Combination	Min	Diaph D1 Y	0.004158	0.002172	1.914	43	26.8	5	7
1F RF	Dead	LinStatic		Diaph D1 X	0.001595	0.000465	3.434	32	11.4	19.6	3.5
1F RF	Dead	LinStatic		Diaph D1 Y	0.002278	0.000946	2.407	55	22.6	8.45	3.5
1F RF	Live	LinStatic		Diaph D1 X	0.00026	4.9E-05	5.334	39	3.75	10	3.5
1F RF	Live	LinStatic		Diaph D1 Y	0.000169	2.7E-05	6.287	26	11.4	5	3.5
1F RF	FF	LinStatic		Diaph D1 X	0.00129	0.000476	2.712	32	11.4	19.6	3.5
1F RF	FF	LinStatic		Diaph D1 Y	0.001852	0.000736	2.515	55	22.6	8.45	3.5
1F RF	PW	LinStatic		Diaph D1 X	0.001213	0.000535	2.266	32	11.4	19.6	3.5
1F RF	PW	LinStatic		Diaph D1 Y	0.001767	0.000694	2.546	55	22.6	8.45	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 X	0.026544	0.013403	1.98	57	22.6	5.35	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.005949	0.002587	2.299	34	11.4	14.8	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 X	0.011959	0.004192	2.853	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.024582	0.012495	1.967	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.025446	0.012799	1.988	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002509	0.001281	1.959	35	11.4	10	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.026996	0.01361	1.984	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.006442	0.003265	1.973	35	11.4	10	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.032605	0.01644	1.983	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.008569	0.004336	1.976	35	11.4	10	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.03073	0.015498	1.983	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.003713	0.001897	1.957	35	11.4	10	3.5
1F RF	UDCon11	Combination		Diaph D1 X	0.005532	0.001992	2.777	32	11.4	19.6	3.5
1F RF	UDCon11	Combination		Diaph D1 Y	0.007961	0.003209	2.481	55	22.6	8.45	3.5
1F RF	UDCon12	Combination		Diaph D1 X	0.005688	0.001875	3.034	32	11.4	19.6	3.5
1F RF	UDCon12	Combination		Diaph D1 Y	0.00814	0.003273	2.487	55	22.6	8.45	3.5
1F RF	UDCon13	Combination	Max	Diaph D1 X	0.02484	0.010478	2.371	57	22.6	5.35	3.5
1F RF	UDCon13	Combination	Max	Diaph D1 Y	0.006199	0.002894	2.142	55	22.6	8.45	3.5
1F RF	UDCon13	Combination	Min	Diaph D1 X	0.027602	0.013971	1.976	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Max	Diaph D1 X	0.02639	0.011265	2.343	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Max	Diaph D1 Y	0.007725	0.003853	2.005	34	11.4	14.8	3.5
1F RF	UDCon14	Combination	Min	Diaph D1 X	0.026051	0.013161	1.98	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Max	Diaph D1 X	0.031999	0.014101	2.269	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Max	Diaph D1 Y	0.009858	0.005042	1.955	34	11.4	14.8	3.5
1F RF	UDCon15	Combination	Min	Diaph D1 X	0.031336	0.015879	1.973	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Max	Diaph D1 X	0.030125	0.013157	2.29	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Max	Diaph D1 Y	0.006315	0.003194	1.977	55	22.6	8.45	3.5
1F RF	UDCon16	Combination	Min	Diaph D1 X	0.033211	0.016826	1.974	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Min	Diaph D1 Y	0.009209	0.001872	4.919	35	11.4	10	3.5
1F RF	UDCon17	Combination	Max	Diaph D1 X	0.024847	0.010498	2.367	57	22.6	5.35	3.5
1F RF	UDCon17	Combination	Max	Diaph D1 Y	0.006163	0.002882	2.139	55	22.6	8.45	3.5
1F RF	UDCon17	Combination	Min	Diaph D1 X	0.027594	0.013966	1.976	57	22.6	5.35	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	UDCon18	Combination	Max	Diaph D1 X	0.026397	0.011284	2.339	57	22.6	5.35	3.5
1F RF	UDCon18	Combination	Max	Diaph D1 Y	0.007726	0.003859	2.002	34	11.4	14.8	3.5
1F RF	UDCon18	Combination	Min	Diaph D1 X	0.026044	0.013156	1.98	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Max	Diaph D1 X	0.032006	0.01412	2.267	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Max	Diaph D1 Y	0.00986	0.005047	1.953	34	11.4	14.8	3.5
1F RF	UDCon19	Combination	Min	Diaph D1 X	0.031329	0.015874	1.974	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Max	Diaph D1 X	0.030132	0.013177	2.287	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Max	Diaph D1 Y	0.006279	0.003181	1.974	55	22.6	8.45	3.5
1F RF	UDCon20	Combination	Min	Diaph D1 X	0.033203	0.016821	1.974	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Min	Diaph D1 Y	0.009209	0.00189	4.873	35	11.4	10	3.5

Table 3.5 - Diaphragm Accelerations

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec2	UY mm/sec2	UZ mm/sec2	RX rad/sec2	RY rad/sec2	RZ rad/sec2
14	D1	TH-X Load Case	LinModHist	Max	2065.9	375.55	247.8	0.022	0.032	0.015
14	D1	TH-X Load Case	LinModHist	Min	-1645.67	-257.99	-220.4	-0.024	-0.029	-0.016
14	D1	TH-Y Load Case	LinModHist	Max	1636.15	318.15	165.4	0.019	0.018	0.025
14	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-474	-191.92	-0.019	-0.025	-0.017
13	D1	TH-X Load Case	LinModHist	Max	2065.9	369.15	249.74	0.022	0.032	0.015
13	D1	TH-X Load Case	LinModHist	Min	-1645.67	-240.75	-221.33	-0.024	-0.029	-0.016
13	D1	TH-Y Load Case	LinModHist	Max	1636.15	296.51	167.1	0.019	0.018	0.024
13	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-455.85	-192.43	-0.02	-0.025	-0.016
12F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	362.71	250.59	0.023	0.032	0.014
12F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-223.33	-220.72	-0.024	-0.029	-0.015
12F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	275	167.37	0.02	0.018	0.022
12F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-437.33	-191.39	-0.02	-0.025	-0.015
11F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	356.26	249.67	0.023	0.032	0.013
11F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-205.88	-218.03	-0.024	-0.029	-0.015
11F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	266.46	165.42	0.019	0.018	0.021
11F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-418.3	-188.34	-0.021	-0.024	-0.014
10F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	349.86	246.46	0.023	0.032	0.011
10F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-188.59	-212.93	-0.024	-0.028	-0.015
10F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	261.28	160.98	0.019	0.017	0.019
10F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-398.78	-183.03	-0.021	-0.024	-0.013

Table 3.5 - Diaphragm Accelerations (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec2	UY mm/sec2	UZ mm/sec2	RX rad/sec2	RY rad/sec2	RZ rad/sec2
9F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	343.56	240.59	0.023	0.031	0.01
9F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-171.66	-205.29	-0.024	-0.027	-0.014
9F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	267.34	154.04	0.018	0.017	0.019
9F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-408.18	-177.1	-0.02	-0.023	-0.012
8F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	339.69	231.81	0.022	0.03	0.009
8F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-178.38	-195.19	-0.023	-0.026	-0.014
8F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	281.3	144.8	0.017	0.016	0.018
8F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-422.53	-170.62	-0.019	-0.022	-0.013
7F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	347.38	219.99	0.021	0.028	0.009
7F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-197.03	-183.77	-0.021	-0.024	-0.015
7F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	294.6	133.64	0.015	0.016	0.019
7F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-435.78	-161.88	-0.018	-0.021	-0.013
6F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	354.65	205.13	0.02	0.026	0.01
6F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-214.08	-173.93	-0.02	-0.022	-0.016
6F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	307.09	120.98	0.014	0.016	0.019
6F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-448.06	-150.85	-0.016	-0.02	-0.014
5F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	361.39	187.28	0.018	0.025	0.011
5F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-229.4	-161.35	-0.018	-0.021	-0.016
5F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	318.62	112.62	0.012	0.015	0.02
5F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-459.19	-137.6	-0.014	-0.018	-0.015
4F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	367.64	166.55	0.016	0.023	0.012
4F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-243.34	-145.92	-0.016	-0.019	-0.016
4F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	329.12	103.26	0.011	0.014	0.02
4F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-469.08	-122.23	-0.012	-0.017	-0.015
3F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	373.3	143.02	0.014	0.021	0.013
3F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-264	-127.48	-0.014	-0.018	-0.017
3F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	338.65	91	0.009	0.013	0.021
3F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-477.75	-104.85	-0.01	-0.015	-0.016
2F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	365.54	117.06	0.011	0.02	0.014
2F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-277.31	-106.09	-0.012	-0.018	-0.017
2F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	335.37	76.06	0.008	0.02	0.021
2F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-469.16	-85.75	-0.008	-0.016	-0.016
1F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	369.53	103.95	0.013	0.071	0.016
1F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-296.63	-89.35	-0.013	-0.069	-0.017
1F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	342.56	64.78	0.012	0.076	0.022
1F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-475.44	-75.54	-0.01	-0.061	-0.019
Base	D1	TH-X Load Case	LinModHist	Max	893.89	110.05	3.7	0.02	0.065	0.067
Base	D1	TH-X Load Case	LinModHist	Min	-726.7	-90.95	-3.74	-0.02	-0.066	-0.06
Base	D1	TH-Y Load Case	LinModHist	Max	733.46	108.65	3.14	0.022	0.07	0.07
Base	D1	TH-Y Load Case	LinModHist	Min	-1084.78	-143.55	-4.03	-0.018	-0.059	-0.061

3.2 Story Results

Table 3.6 - Story Max Over Avg Displacements

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	Dead	LinStatic		X	45.57	34.598	1.317
14	Dead	LinStatic		Y	41.744	24.65	1.693
13	Dead	LinStatic		X	41.989	31.922	1.315
13	Dead	LinStatic		Y	38.616	22.928	1.684
12F RF	Dead	LinStatic		X	38.428	29.248	1.314
12F RF	Dead	LinStatic		Y	35.491	21.184	1.675
11F RF	Dead	LinStatic		X	34.9	26.591	1.313
11F RF	Dead	LinStatic		Y	32.385	19.433	1.667
10F RF	Dead	LinStatic		X	31.417	23.959	1.311
10F RF	Dead	LinStatic		Y	29.31	17.682	1.658
9F RF	Dead	LinStatic		X	27.989	21.361	1.31
9F RF	Dead	LinStatic		Y	26.28	15.939	1.649
8F RF	Dead	LinStatic		X	24.623	18.802	1.31
8F RF	Dead	LinStatic		Y	23.307	14.21	1.64
7F RF	Dead	LinStatic		X	21.321	16.284	1.309
7F RF	Dead	LinStatic		Y	20.405	12.502	1.632
6F RF	Dead	LinStatic		X	18.092	13.808	1.31
6F RF	Dead	LinStatic		Y	17.588	10.819	1.626
5F RF	Dead	LinStatic		X	15.081	11.447	1.318
5F RF	Dead	LinStatic		Y	14.873	9.168	1.622
4F RF	Dead	LinStatic		X	12.194	9.152	1.332
4F RF	Dead	LinStatic		Y	12.235	7.527	1.626
3F RF	Dead	LinStatic		X	9.433	6.918	1.364
3F RF	Dead	LinStatic		Y	9.856	5.971	1.651
2F RF	Dead	LinStatic		X	6.455	4.549	1.419
2F RF	Dead	LinStatic		Y	7.973	4.604	1.732
1F RF	Dead	LinStatic		X	4.125	2.156	1.914
1F RF	Dead	LinStatic		Y	5.741	2.889	1.987
Base	Dead	LinStatic		X	0.658	0.616	1.068
Base	Dead	LinStatic		Y	4.25	4.188	1.015
14	Live	LinStatic		X	3.408	2.855	1.194
14	Live	LinStatic		Y	2.244	1.38	1.625
13	Live	LinStatic		X	3.116	2.614	1.192
13	Live	LinStatic		Y	2.063	1.277	1.615
12F RF	Live	LinStatic		X	2.828	2.374	1.191
12F RF	Live	LinStatic		Y	1.883	1.173	1.605
11F RF	Live	LinStatic		X	2.544	2.138	1.19
11F RF	Live	LinStatic		Y	1.705	1.069	1.595
10F RF	Live	LinStatic		X	2.266	1.906	1.189
10F RF	Live	LinStatic		Y	1.53	0.965	1.585
9F RF	Live	LinStatic		X	1.994	1.679	1.188
9F RF	Live	LinStatic		Y	1.358	0.862	1.575
8F RF	Live	LinStatic		X	1.731	1.458	1.187
8F RF	Live	LinStatic		Y	1.191	0.761	1.565
7F RF	Live	LinStatic		X	1.475	1.243	1.186

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	Live	LinStatic		Y	1.031	0.662	1.556
6F RF	Live	LinStatic		X	1.234	1.039	1.188
6F RF	Live	LinStatic		Y	0.876	0.566	1.549
5F RF	Live	LinStatic		X	1.007	0.843	1.194
5F RF	Live	LinStatic		Y	0.728	0.471	1.545
4F RF	Live	LinStatic		X	0.792	0.656	1.207
4F RF	Live	LinStatic		Y	0.587	0.379	1.549
3F RF	Live	LinStatic		X	0.591	0.477	1.239
3F RF	Live	LinStatic		Y	0.46	0.291	1.579
2F RF	Live	LinStatic		X	0.383	0.295	1.299
2F RF	Live	LinStatic		Y	0.36	0.214	1.68
1F RF	Live	LinStatic		X	0.216	0.122	1.767
1F RF	Live	LinStatic		Y	0.251	0.124	2.018
Base	Live	LinStatic		X	0.127	0.11	1.15
Base	Live	LinStatic		Y	0.232	0.212	1.091
14	FF	LinStatic		X	34.742	26.386	1.317
14	FF	LinStatic		Y	32.703	19.667	1.663
13	FF	LinStatic		X	32.076	24.389	1.315
13	FF	LinStatic		Y	30.302	18.31	1.655
12F RF	FF	LinStatic		X	29.42	22.391	1.314
12F RF	FF	LinStatic		Y	27.9	16.934	1.648
11F RF	FF	LinStatic		X	26.783	20.402	1.313
11F RF	FF	LinStatic		Y	25.506	15.549	1.64
10F RF	FF	LinStatic		X	24.172	18.428	1.312
10F RF	FF	LinStatic		Y	23.133	14.164	1.633
9F RF	FF	LinStatic		X	21.596	16.473	1.311
9F RF	FF	LinStatic		Y	20.789	12.782	1.626
8F RF	FF	LinStatic		X	19.059	14.54	1.311
8F RF	FF	LinStatic		Y	18.485	11.41	1.62
7F RF	FF	LinStatic		X	16.561	12.63	1.311
7F RF	FF	LinStatic		Y	16.232	10.051	1.615
6F RF	FF	LinStatic		X	14.145	10.762	1.314
6F RF	FF	LinStatic		Y	14.038	8.711	1.612
5F RF	FF	LinStatic		X	11.849	8.954	1.323
5F RF	FF	LinStatic		Y	11.92	7.394	1.612
4F RF	FF	LinStatic		X	9.635	7.185	1.341
4F RF	FF	LinStatic		Y	9.853	6.081	1.62
3F RF	FF	LinStatic		X	7.504	5.451	1.377
3F RF	FF	LinStatic		Y	7.987	4.834	1.652
2F RF	FF	LinStatic		X	5.175	3.585	1.444
2F RF	FF	LinStatic		Y	6.519	3.74	1.743
1F RF	FF	LinStatic		X	3.354	1.723	1.947
1F RF	FF	LinStatic		Y	4.734	2.35	2.015
Base	FF	LinStatic		Y	3.76	3.742	1.005

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	PW	LinStatic		X	32.248	24.3	1.327
14	PW	LinStatic		Y	30.739	18.34	1.676
13	PW	LinStatic		X	29.797	22.481	1.325
13	PW	LinStatic		Y	28.501	17.087	1.668
12F RF	PW	LinStatic		X	27.355	20.66	1.324
12F RF	PW	LinStatic		Y	26.26	15.816	1.66
11F RF	PW	LinStatic		X	24.927	18.844	1.323
11F RF	PW	LinStatic		Y	24.026	14.535	1.653
10F RF	PW	LinStatic		X	22.522	17.04	1.322
10F RF	PW	LinStatic		Y	21.809	13.252	1.646
9F RF	PW	LinStatic		X	20.147	15.252	1.321
9F RF	PW	LinStatic		Y	19.618	11.971	1.639
8F RF	PW	LinStatic		X	17.804	13.482	1.321
8F RF	PW	LinStatic		Y	17.462	10.697	1.632
7F RF	PW	LinStatic		X	15.494	11.728	1.321
7F RF	PW	LinStatic		Y	15.352	9.435	1.627
6F RF	PW	LinStatic		X	13.253	10.01	1.324
6F RF	PW	LinStatic		Y	13.295	8.188	1.624
5F RF	PW	LinStatic		X	11.124	8.344	1.333
5F RF	PW	LinStatic		Y	11.307	6.961	1.624
4F RF	PW	LinStatic		X	9.066	6.711	1.351
4F RF	PW	LinStatic		Y	9.364	5.735	1.633
3F RF	PW	LinStatic		X	7.08	5.104	1.387
3F RF	PW	LinStatic		Y	7.611	4.571	1.665
2F RF	PW	LinStatic		X	4.903	3.37	1.455
2F RF	PW	LinStatic		Y	6.234	3.55	1.756
1F RF	PW	LinStatic		X	3.205	1.634	1.961
1F RF	PW	LinStatic		Y	4.544	2.24	2.029
Base	PW	LinStatic		Y	3.665	3.657	1.002
14	Earthquake+x	LinStatic		X	199.45	175.754	1.135
14	Earthquake+x	LinStatic		Y	73.69	36.349	2.027
13	Earthquake+x	LinStatic		X	197.049	173.702	1.134
13	Earthquake+x	LinStatic		Y	72.737	35.964	2.022
12F RF	Earthquake+x	LinStatic		X	194.59	171.593	1.134
12F RF	Earthquake+x	LinStatic		Y	71.786	35.58	2.018
11F RF	Earthquake+x	LinStatic		X	192.083	169.434	1.134
11F RF	Earthquake+x	LinStatic		Y	70.839	35.197	2.013
10F RF	Earthquake+x	LinStatic		X	189.537	167.235	1.133
10F RF	Earthquake+x	LinStatic		Y	69.903	34.817	2.008
9F RF	Earthquake+x	LinStatic		X	186.972	165.009	1.133
9F RF	Earthquake+x	LinStatic		Y	68.981	34.44	2.003
8F RF	Earthquake+x	LinStatic		X	184.407	162.776	1.133
8F RF	Earthquake+x	LinStatic		Y	68.079	34.067	1.998
7F RF	Earthquake+x	LinStatic		X	181.868	160.556	1.133

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	Earthquake+x	LinStatic		Y	67.205	33.697	1.994
6F RF	Earthquake+x	LinStatic		X	179.385	158.375	1.133
6F RF	Earthquake+x	LinStatic		Y	66.365	33.33	1.991
5F RF	Earthquake+x	LinStatic		X	176.992	156.25	1.133
5F RF	Earthquake+x	LinStatic		Y	65.566	32.965	1.989
4F RF	Earthquake+x	LinStatic		X	174.728	154.218	1.133
4F RF	Earthquake+x	LinStatic		Y	64.814	32.604	1.988
3F RF	Earthquake+x	LinStatic		X	172.635	152.315	1.133
3F RF	Earthquake+x	LinStatic		Y	64.116	32.229	1.989
2F RF	Earthquake+x	LinStatic		X	170.756	150.598	1.134
2F RF	Earthquake+x	LinStatic		Y	63.478	31.924	1.988
1F RF	Earthquake+x	LinStatic		X	169.104	149.167	1.134
1F RF	Earthquake+x	LinStatic		Y	62.923	31.325	2.009
Base	Earthquake+x	LinStatic		X	126.453	125.607	1.007
Base	Earthquake+x	LinStatic		Y	20.257	19.305	1.049
14	Earthquake+y	LinStatic		X	109.593	26.454	4.143
14	Earthquake+y	LinStatic		Y	295.693	164.48	1.798
13	Earthquake+y	LinStatic		X	109.21	26.098	4.185
13	Earthquake+y	LinStatic		Y	293.047	161.865	1.81
12F RF	Earthquake+y	LinStatic		X	108.832	25.738	4.228
12F RF	Earthquake+y	LinStatic		Y	290.39	159.232	1.824
11F RF	Earthquake+y	LinStatic		X	108.456	25.376	4.274
11F RF	Earthquake+y	LinStatic		Y	287.729	156.59	1.837
10F RF	Earthquake+y	LinStatic		X	108.082	25.011	4.321
10F RF	Earthquake+y	LinStatic		Y	285.076	153.95	1.852
9F RF	Earthquake+y	LinStatic		X	107.711	24.644	4.371
9F RF	Earthquake+y	LinStatic		Y	282.442	151.323	1.866
8F RF	Earthquake+y	LinStatic		X	107.343	24.275	4.422
8F RF	Earthquake+y	LinStatic		Y	279.842	148.725	1.882
7F RF	Earthquake+y	LinStatic		X	106.98	23.904	4.475
7F RF	Earthquake+y	LinStatic		Y	277.291	146.171	1.897
6F RF	Earthquake+y	LinStatic		X	106.625	23.535	4.531
6F RF	Earthquake+y	LinStatic		Y	274.805	143.677	1.913
5F RF	Earthquake+y	LinStatic		X	106.283	23.171	4.587
5F RF	Earthquake+y	LinStatic		Y	272.397	141.258	1.928
4F RF	Earthquake+y	LinStatic		X	105.959	22.824	4.642
4F RF	Earthquake+y	LinStatic		Y	270.085	138.937	1.944
3F RF	Earthquake+y	LinStatic		X	105.654	22.514	4.693
3F RF	Earthquake+y	LinStatic		Y	267.869	136.717	1.959
2F RF	Earthquake+y	LinStatic		X	105.32	22.184	4.748
2F RF	Earthquake+y	LinStatic		Y	265.78	134.659	1.974
1F RF	Earthquake+y	LinStatic		X	105.093	21.857	4.808
1F RF	Earthquake+y	LinStatic		Y	263.767	132.598	1.989
Base	Earthquake+y	LinStatic		X	16.574	9.86	1.681

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	Earthquake+y	LinStatic		Y	78.731	71.414	1.102
14	TH-X Load Case	LinModHist	Max	X	137.053	119.366	1.148
14	TH-X Load Case	LinModHist	Max	Y	28.334	15.66	1.809
13	TH-X Load Case	LinModHist	Max	X	136.274	118.451	1.15
13	TH-X Load Case	LinModHist	Max	Y	28.242	15.457	1.827
12F RF	TH-X Load Case	LinModHist	Max	X	135.463	117.505	1.153
12F RF	TH-X Load Case	LinModHist	Max	Y	28.149	15.254	1.845
11F RF	TH-X Load Case	LinModHist	Max	X	134.62	116.529	1.155
11F RF	TH-X Load Case	LinModHist	Max	Y	28.054	15.05	1.864
10F RF	TH-X Load Case	LinModHist	Max	X	133.745	115.522	1.158
10F RF	TH-X Load Case	LinModHist	Max	Y	27.958	14.847	1.883
9F RF	TH-X Load Case	LinModHist	Max	X	132.841	114.489	1.16
9F RF	TH-X Load Case	LinModHist	Max	Y	27.86	14.647	1.902
8F RF	TH-X Load Case	LinModHist	Max	X	131.912	113.434	1.163
8F RF	TH-X Load Case	LinModHist	Max	Y	27.791	14.465	1.921
7F RF	TH-X Load Case	LinModHist	Max	X	130.963	112.366	1.166
7F RF	TH-X Load Case	LinModHist	Max	Y	27.721	14.289	1.94
6F RF	TH-X Load Case	LinModHist	Max	X	130.005	111.294	1.168
6F RF	TH-X Load Case	LinModHist	Max	Y	27.649	14.121	1.958
5F RF	TH-X Load Case	LinModHist	Max	X	129.048	110.232	1.171
5F RF	TH-X Load Case	LinModHist	Max	Y	27.575	13.996	1.97
4F RF	TH-X Load Case	LinModHist	Max	X	128.105	109.192	1.173
4F RF	TH-X Load Case	LinModHist	Max	Y	27.5	13.923	1.975
3F RF	TH-X Load Case	LinModHist	Max	X	127.194	108.199	1.176
3F RF	TH-X Load Case	LinModHist	Max	Y	27.423	13.824	1.984
2F RF	TH-X Load Case	LinModHist	Max	X	126.335	107.277	1.178
2F RF	TH-X Load Case	LinModHist	Max	Y	27.346	13.752	1.989
1F RF	TH-X Load Case	LinModHist	Max	X	125.524	106.457	1.179
1F RF	TH-X Load Case	LinModHist	Max	Y	27.268	13.709	1.989
Base	TH-X Load Case	LinModHist	Max	X	104.764	101.344	1.034
14	TH-X Load Case	LinModHist	Min	X	156.911	152.115	1.032
14	TH-X Load Case	LinModHist	Min	Y	72.156	38.714	1.864
13	TH-X Load Case	LinModHist	Min	X	155.479	150.876	1.031
13	TH-X Load Case	LinModHist	Min	Y	72.015	38.405	1.875
12F RF	TH-X Load Case	LinModHist	Min	X	154.012	149.599	1.029
12F RF	TH-X Load Case	LinModHist	Min	Y	71.871	38.094	1.887
11F RF	TH-X Load Case	LinModHist	Min	X	152.508	148.284	1.028
11F RF	TH-X Load Case	LinModHist	Min	Y	71.724	37.782	1.898
10F RF	TH-X Load Case	LinModHist	Min	X	150.97	146.933	1.027
10F RF	TH-X Load Case	LinModHist	Min	Y	71.572	37.469	1.91
9F RF	TH-X Load Case	LinModHist	Min	X	149.404	145.55	1.026
9F RF	TH-X Load Case	LinModHist	Min	Y	71.417	37.157	1.922
8F RF	TH-X Load Case	LinModHist	Min	X	147.819	144.143	1.026
8F RF	TH-X Load Case	LinModHist	Min	Y	71.257	36.847	1.934

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	TH-X Load Case	LinModHist	Min	X	146.228	142.722	1.025
7F RF	TH-X Load Case	LinModHist	Min	Y	71.095	36.542	1.946
6F RF	TH-X Load Case	LinModHist	Min	X	144.646	141.301	1.024
6F RF	TH-X Load Case	LinModHist	Min	Y	70.928	36.243	1.957
5F RF	TH-X Load Case	LinModHist	Min	X	143.095	139.889	1.023
5F RF	TH-X Load Case	LinModHist	Min	Y	70.759	35.953	1.968
4F RF	TH-X Load Case	LinModHist	Min	X	141.598	138.507	1.022
4F RF	TH-X Load Case	LinModHist	Min	Y	70.585	35.674	1.979
3F RF	TH-X Load Case	LinModHist	Min	X	140.186	137.177	1.022
3F RF	TH-X Load Case	LinModHist	Min	Y	70.409	35.421	1.988
2F RF	TH-X Load Case	LinModHist	Min	X	138.888	135.938	1.022
2F RF	TH-X Load Case	LinModHist	Min	Y	70.279	35.307	1.991
1F RF	TH-X Load Case	LinModHist	Min	X	137.716	134.876	1.021
1F RF	TH-X Load Case	LinModHist	Min	Y	70.157	35.202	1.993
Base	TH-X Load Case	LinModHist	Min	X	121.145	119.089	1.017
Base	TH-X Load Case	LinModHist	Min	Y	21.221	17.797	1.192
14	TH-Y Load Case	LinModHist	Max	X	184.411	180.854	1.02
14	TH-Y Load Case	LinModHist	Max	Y	95.961	50.869	1.886
13	TH-Y Load Case	LinModHist	Max	X	182.422	179.259	1.018
13	TH-Y Load Case	LinModHist	Max	Y	95.779	50.528	1.896
12F RF	TH-Y Load Case	LinModHist	Max	X	180.384	177.606	1.016
12F RF	TH-Y Load Case	LinModHist	Max	Y	95.593	50.184	1.905
11F RF	TH-Y Load Case	LinModHist	Max	X	178.302	175.842	1.014
11F RF	TH-Y Load Case	LinModHist	Max	Y	95.402	49.837	1.914
10F RF	TH-Y Load Case	LinModHist	Max	X	176.181	174.046	1.012
10F RF	TH-Y Load Case	LinModHist	Max	Y	95.204	49.489	1.924
9F RF	TH-Y Load Case	LinModHist	Max	X	174.033	172.216	1.011
9F RF	TH-Y Load Case	LinModHist	Max	Y	95.001	49.14	1.933
8F RF	TH-Y Load Case	LinModHist	Max	X	171.873	170.257	1.009
8F RF	TH-Y Load Case	LinModHist	Max	Y	94.79	48.792	1.943
7F RF	TH-Y Load Case	LinModHist	Max	X	169.721	168.346	1.008
7F RF	TH-Y Load Case	LinModHist	Max	Y	94.573	48.446	1.952
6F RF	TH-Y Load Case	LinModHist	Max	X	167.599	166.475	1.007
6F RF	TH-Y Load Case	LinModHist	Max	Y	94.35	48.104	1.961
5F RF	TH-Y Load Case	LinModHist	Max	X	165.535	164.643	1.005
5F RF	TH-Y Load Case	LinModHist	Max	Y	94.12	47.768	1.97
4F RF	TH-Y Load Case	LinModHist	Max	X	164.015	163.049	1.006
4F RF	TH-Y Load Case	LinModHist	Max	Y	93.884	47.441	1.979
3F RF	TH-Y Load Case	LinModHist	Max	X	162.662	161.496	1.007
3F RF	TH-Y Load Case	LinModHist	Max	Y	93.643	47.129	1.987
2F RF	TH-Y Load Case	LinModHist	Max	X	161.384	160.033	1.008
2F RF	TH-Y Load Case	LinModHist	Max	Y	93.397	46.912	1.991
1F RF	TH-Y Load Case	LinModHist	Max	X	160.179	158.672	1.009
1F RF	TH-Y Load Case	LinModHist	Max	Y	93.148	46.717	1.994

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	TH-Y Load Case	LinModHist	Max	X	143.995	141.146	1.02
Base	TH-Y Load Case	LinModHist	Max	Y	28.018	24.177	1.159
14	TH-Y Load Case	LinModHist	Min	X	181.967	175.652	1.036
14	TH-Y Load Case	LinModHist	Min	Y	40.905	22.684	1.803
13	TH-Y Load Case	LinModHist	Min	X	180.092	174.04	1.035
13	TH-Y Load Case	LinModHist	Min	Y	40.815	22.415	1.821
12F RF	TH-Y Load Case	LinModHist	Min	X	178.171	172.382	1.034
12F RF	TH-Y Load Case	LinModHist	Min	Y	40.722	22.145	1.839
11F RF	TH-Y Load Case	LinModHist	Min	X	176.206	170.679	1.032
11F RF	TH-Y Load Case	LinModHist	Min	Y	40.629	21.874	1.857
10F RF	TH-Y Load Case	LinModHist	Min	X	174.204	168.935	1.031
10F RF	TH-Y Load Case	LinModHist	Min	Y	40.533	21.605	1.876
9F RF	TH-Y Load Case	LinModHist	Min	X	172.175	167.158	1.03
9F RF	TH-Y Load Case	LinModHist	Min	Y	40.437	21.339	1.895
8F RF	TH-Y Load Case	LinModHist	Min	X	170.131	165.36	1.029
8F RF	TH-Y Load Case	LinModHist	Min	Y	40.478	21.148	1.914
7F RF	TH-Y Load Case	LinModHist	Min	X	168.091	163.557	1.028
7F RF	TH-Y Load Case	LinModHist	Min	Y	40.522	20.965	1.933
6F RF	TH-Y Load Case	LinModHist	Min	X	166.077	161.766	1.027
6F RF	TH-Y Load Case	LinModHist	Min	Y	40.558	20.787	1.951
5F RF	TH-Y Load Case	LinModHist	Min	X	164.115	160	1.026
5F RF	TH-Y Load Case	LinModHist	Min	Y	40.584	20.616	1.969
4F RF	TH-Y Load Case	LinModHist	Min	X	162.236	158.284	1.025
4F RF	TH-Y Load Case	LinModHist	Min	Y	40.599	20.505	1.98
3F RF	TH-Y Load Case	LinModHist	Min	X	160.476	156.648	1.024
3F RF	TH-Y Load Case	LinModHist	Min	Y	40.607	20.474	1.983
2F RF	TH-Y Load Case	LinModHist	Min	X	158.873	155.136	1.024
2F RF	TH-Y Load Case	LinModHist	Min	Y	40.594	20.389	1.991
1F RF	TH-Y Load Case	LinModHist	Min	X	157.441	153.853	1.023
1F RF	TH-Y Load Case	LinModHist	Min	Y	40.586	20.421	1.987
Base	TH-Y Load Case	LinModHist	Min	X	138.007	135.689	1.017
14	UDCon11	Combination		X	151.956	115.133	1.32
14	UDCon11	Combination		Y	142.002	84.587	1.679
13	UDCon11	Combination		X	140.214	106.368	1.318
13	UDCon11	Combination		Y	131.515	78.738	1.67
12F RF	UDCon11	Combination		X	128.524	97.604	1.317
12F RF	UDCon11	Combination		Y	121.029	72.81	1.662
11F RF	UDCon11	Combination		X	116.923	88.88	1.316
11F RF	UDCon11	Combination		Y	110.589	66.848	1.654
10F RF	UDCon11	Combination		X	105.451	80.226	1.314
10F RF	UDCon11	Combination		Y	100.24	60.882	1.646
9F RF	UDCon11	Combination		X	94.138	71.665	1.314
9F RF	UDCon11	Combination		Y	90.026	54.934	1.639
8F RF	UDCon11	Combination		X	83.006	63.212	1.313

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
8F RF	UDCon11	Combination		Y	79.992	49.028	1.632
7F RF	UDCon11	Combination		X	72.058	54.866	1.313
7F RF	UDCon11	Combination		Y	70.185	43.185	1.625
6F RF	UDCon11	Combination		X	61.412	46.683	1.316
6F RF	UDCon11	Combination		Y	60.643	37.42	1.621
5F RF	UDCon11	Combination		X	51.374	38.806	1.324
5F RF	UDCon11	Combination		Y	51.436	31.756	1.62
4F RF	UDCon11	Combination		X	41.709	31.114	1.341
4F RF	UDCon11	Combination		Y	42.461	26.113	1.626
3F RF	UDCon11	Combination		X	32.423	23.588	1.375
3F RF	UDCon11	Combination		Y	34.363	20.759	1.655
2F RF	UDCon11	Combination		X	22.319	15.529	1.437
2F RF	UDCon11	Combination		Y	27.979	16.058	1.742
1F RF	UDCon11	Combination		X	14.423	7.442	1.938
1F RF	UDCon11	Combination		Y	20.275	10.096	2.008
Base	UDCon11	Combination		X	1.647	1.592	1.035
Base	UDCon11	Combination		Y	15.755	15.639	1.007
14	UDCon12	Combination		X	157.068	119.416	1.315
14	UDCon12	Combination		Y	145.367	86.657	1.677
13	UDCon12	Combination		X	144.888	110.289	1.314
13	UDCon12	Combination		Y	134.607	80.653	1.669
12F RF	UDCon12	Combination		X	132.766	101.166	1.312
12F RF	UDCon12	Combination		Y	123.851	74.568	1.661
11F RF	UDCon12	Combination		X	120.739	92.087	1.311
11F RF	UDCon12	Combination		Y	113.144	68.45	1.653
10F RF	UDCon12	Combination		X	108.849	83.085	1.31
10F RF	UDCon12	Combination		Y	102.533	62.328	1.645
9F RF	UDCon12	Combination		X	97.13	74.184	1.309
9F RF	UDCon12	Combination		Y	92.063	56.227	1.637
8F RF	UDCon12	Combination		X	85.602	65.399	1.309
8F RF	UDCon12	Combination		Y	81.779	50.17	1.63
7F RF	UDCon12	Combination		X	74.27	56.731	1.309
7F RF	UDCon12	Combination		Y	71.731	44.178	1.624
6F RF	UDCon12	Combination		X	63.263	48.241	1.311
6F RF	UDCon12	Combination		Y	61.957	38.268	1.619
5F RF	UDCon12	Combination		X	52.883	40.071	1.32
5F RF	UDCon12	Combination		Y	52.528	32.463	1.618
4F RF	UDCon12	Combination		X	42.897	32.099	1.336
4F RF	UDCon12	Combination		Y	43.341	26.681	1.624
3F RF	UDCon12	Combination		X	33.31	24.308	1.37
3F RF	UDCon12	Combination		Y	35.053	21.196	1.654
2F RF	UDCon12	Combination		X	22.894	15.978	1.433
2F RF	UDCon12	Combination		Y	28.518	16.379	1.741
1F RF	UDCon12	Combination		X	14.748	7.625	1.934

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	UDCon12	Combination		Y	20.65	10.282	2.008
Base	UDCon12	Combination		X	1.838	1.757	1.046
Base	UDCon12	Combination		Y	16.102	15.958	1.009
14	UDCon13	Combination	Max	X	78.334	33.216	2.358
14	UDCon13	Combination	Max	Y	108.847	78.732	1.383
13	UDCon13	Combination	Max	X	81.888	38.86	2.107
13	UDCon13	Combination	Max	Y	100.712	74.166	1.358
12F RF	UDCon13	Combination	Max	X	85.448	44.472	1.921
12F RF	UDCon13	Combination	Max	Y	92.577	69.54	1.331
11F RF	UDCon13	Combination	Max	X	88.982	50.023	1.779
11F RF	UDCon13	Combination	Max	Y	84.478	64.889	1.302
10F RF	UDCon13	Combination	Max	X	92.475	55.491	1.666
10F RF	UDCon13	Combination	Max	Y	76.451	60.235	1.269
9F RF	UDCon13	Combination	Max	X	95.916	60.861	1.576
9F RF	UDCon13	Combination	Max	Y	68.53	55.598	1.233
8F RF	UDCon13	Combination	Max	X	99.307	66.129	1.502
8F RF	UDCon13	Combination	Max	Y	60.752	51.01	1.191
7F RF	UDCon13	Combination	Max	X	102.654	71.302	1.44
7F RF	UDCon13	Combination	Max	Y	53.154	46.475	1.144
6F RF	UDCon13	Combination	Max	X	105.975	76.4	1.387
6F RF	UDCon13	Combination	Max	Y	45.777	42.008	1.09
5F RF	UDCon13	Combination	Max	X	109.291	81.235	1.345
5F RF	UDCon13	Combination	Max	Y	38.738	37.66	1.029
4F RF	UDCon13	Combination	Max	X	112.627	85.958	1.31
4F RF	UDCon13	Combination	Max	Y	35.854	33.491	1.071
3F RF	UDCon13	Combination	Max	X	116.033	90.598	1.281
3F RF	UDCon13	Combination	Max	Y	34.226	29.389	1.165
2F RF	UDCon13	Combination	Max	X	119.798	95.747	1.251
2F RF	UDCon13	Combination	Max	Y	31.931	24.96	1.279
1F RF	UDCon13	Combination	Max	X	124.871	100.85	1.238
1F RF	UDCon13	Combination	Max	Y	29.2	16.455	1.775
Base	UDCon13	Combination	Max	X	105.949	102.566	1.033
Base	UDCon13	Combination	Max	Y	19.931	19.283	1.034
14	UDCon13	Combination	Min	X	270.467	238.263	1.135
14	UDCon13	Combination	Min	Y	100.584	24.356	4.13
13	UDCon13	Combination	Min	X	260.238	230.459	1.129
12F RF	UDCon13	Combination	Min	X	250.01	222.618	1.123
11F RF	UDCon13	Combination	Min	X	239.813	214.769	1.117
10F RF	UDCon13	Combination	Min	X	229.677	206.937	1.11
9F RF	UDCon13	Combination	Min	X	219.633	199.143	1.103
8F RF	UDCon13	Combination	Min	X	209.705	191.406	1.096
7F RF	UDCon13	Combination	Min	X	199.908	183.736	1.088
6F RF	UDCon13	Combination	Min	X	190.444	176.238	1.081
5F RF	UDCon13	Combination	Min	X	181.379	168.945	1.074

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon13	Combination	Min	X	172.648	161.833	1.067
4F RF	UDCon13	Combination	Min	Y	63.284	16.212	3.904
3F RF	UDCon13	Combination	Min	X	164.277	154.908	1.06
3F RF	UDCon13	Combination	Min	Y	65.05	19.954	3.26
2F RF	UDCon13	Combination	Min	X	155.403	147.686	1.052
2F RF	UDCon13	Combination	Min	Y	67.161	23.424	2.867
1F RF	UDCon13	Combination	Min	X	148.465	140.476	1.057
1F RF	UDCon13	Combination	Min	Y	70.068	27.744	2.526
Base	UDCon13	Combination	Min	X	119.963	117.868	1.018
14	UDCon14	Combination	Max	X	88.662	65.982	1.344
14	UDCon14	Combination	Max	Y	111.135	101.786	1.092
13	UDCon14	Combination	Max	X	91.972	71.308	1.29
13	UDCon14	Combination	Max	Y	102.836	97.114	1.059
12F RF	UDCon14	Combination	Max	X	95.281	76.594	1.244
12F RF	UDCon14	Combination	Max	Y	94.537	92.38	1.023
11F RF	UDCon14	Combination	Max	X	98.558	81.812	1.205
11F RF	UDCon14	Combination	Max	Y	89.54	87.71	1.021
10F RF	UDCon14	Combination	Max	X	101.785	86.94	1.171
10F RF	UDCon14	Combination	Max	Y	88.289	82.968	1.064
9F RF	UDCon14	Combination	Max	X	104.956	91.964	1.141
9F RF	UDCon14	Combination	Max	Y	86.952	78.234	1.111
8F RF	UDCon14	Combination	Max	X	108.072	96.883	1.115
8F RF	UDCon14	Combination	Max	Y	85.527	73.526	1.163
7F RF	UDCon14	Combination	Max	X	111.142	101.706	1.093
7F RF	UDCon14	Combination	Max	Y	84.006	68.861	1.22
6F RF	UDCon14	Combination	Max	X	114.187	106.455	1.073
6F RF	UDCon14	Combination	Max	Y	82.381	64.25	1.282
5F RF	UDCon14	Combination	Max	X	117.233	110.949	1.057
5F RF	UDCon14	Combination	Max	Y	80.664	59.715	1.351
4F RF	UDCon14	Combination	Max	X	120.306	115.344	1.043
4F RF	UDCon14	Combination	Max	Y	78.93	55.297	1.427
3F RF	UDCon14	Combination	Max	X	123.461	119.675	1.032
3F RF	UDCon14	Combination	Max	Y	77.208	51.013	1.513
2F RF	UDCon14	Combination	Max	X	126.988	124.548	1.02
2F RF	UDCon14	Combination	Max	Y	74.854	46.48	1.61
1F RF	UDCon14	Combination	Max	X	132.184	129.576	1.02
1F RF	UDCon14	Combination	Max	Y	72.09	37.947	1.9
Base	UDCon14	Combination	Max	X	122.33	120.31	1.017
Base	UDCon14	Combination	Max	Y	32.961	29.466	1.119
14	UDCon14	Combination	Min	X	215.263	205.497	1.048
14	UDCon14	Combination	Min	Y	102.872	47.411	2.17
13	UDCon14	Combination	Min	X	205.426	198.011	1.037
13	UDCon14	Combination	Min	Y	95.362	43.25	2.205
12F RF	UDCon14	Combination	Min	X	195.599	190.496	1.027

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
12F RF	UDCon14	Combination	Min	Y	87.854	39.031	2.251
11F RF	UDCon14	Combination	Min	X	185.811	182.98	1.015
11F RF	UDCon14	Combination	Min	Y	80.379	34.786	2.311
10F RF	UDCon14	Combination	Min	X	176.09	175.488	1.003
10F RF	UDCon14	Combination	Min	Y	72.97	30.539	2.389
9F RF	UDCon14	Combination	Min	X	170.32	168.049	1.014
9F RF	UDCon14	Combination	Min	Y	65.657	26.303	2.496
8F RF	UDCon14	Combination	Min	X	165.081	160.72	1.027
8F RF	UDCon14	Combination	Min	Y	58.47	22.08	2.648
7F RF	UDCon14	Combination	Min	X	159.887	153.513	1.042
7F RF	UDCon14	Combination	Min	Y	51.441	17.9	2.874
6F RF	UDCon14	Combination	Min	X	154.764	146.461	1.057
5F RF	UDCon14	Combination	Min	X	149.701	139.435	1.074
4F RF	UDCon14	Combination	Min	X	144.633	132.374	1.093
3F RF	UDCon14	Combination	Min	X	139.301	125.184	1.113
2F RF	UDCon14	Combination	Min	X	133.285	117.549	1.134
1F RF	UDCon14	Combination	Min	X	129.61	112.477	1.152
Base	UDCon14	Combination	Min	X	103.585	100.126	1.035
14	UDCon15	Combination	Max	X	118.647	94.716	1.253
14	UDCon15	Combination	Max	Y	116.612	113.91	1.024
13	UDCon15	Combination	Max	X	121.805	99.683	1.222
13	UDCon15	Combination	Max	Y	115.563	109.251	1.058
12F RF	UDCon15	Combination	Max	X	124.955	104.603	1.195
12F RF	UDCon15	Combination	Max	Y	114.433	104.525	1.095
11F RF	UDCon15	Combination	Max	X	128.067	109.446	1.17
11F RF	UDCon15	Combination	Max	Y	113.22	99.763	1.135
10F RF	UDCon15	Combination	Max	X	131.122	114.193	1.148
10F RF	UDCon15	Combination	Max	Y	111.922	94.985	1.178
9F RF	UDCon15	Combination	Max	X	134.113	118.835	1.129
9F RF	UDCon15	Combination	Max	Y	110.536	90.213	1.225
8F RF	UDCon15	Combination	Max	X	137.043	123.372	1.111
8F RF	UDCon15	Combination	Max	Y	109.057	85.465	1.276
7F RF	UDCon15	Combination	Max	X	139.922	127.817	1.095
7F RF	UDCon15	Combination	Max	Y	107.48	80.758	1.331
6F RF	UDCon15	Combination	Max	X	142.772	132.204	1.08
6F RF	UDCon15	Combination	Max	Y	105.795	76.103	1.39
5F RF	UDCon15	Combination	Max	X	145.622	136.353	1.068
5F RF	UDCon15	Combination	Max	Y	104.015	71.52	1.454
4F RF	UDCon15	Combination	Max	X	148.502	140.413	1.058
4F RF	UDCon15	Combination	Max	Y	102.216	67.053	1.524
3F RF	UDCon15	Combination	Max	X	151.469	144.434	1.049
3F RF	UDCon15	Combination	Max	Y	100.428	62.716	1.601
2F RF	UDCon15	Combination	Max	X	154.846	149.044	1.039
2F RF	UDCon15	Combination	Max	Y	97.961	58.08	1.687

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	UDCon15	Combination	Max	X	159.411	153.609	1.038
1F RF	UDCon15	Combination	Max	Y	95.08	49.431	1.923
Base	UDCon15	Combination	Max	X	145.179	142.367	1.02
Base	UDCon15	Combination	Max	Y	39.757	35.851	1.109
14	UDCon15	Combination	Min	X	295.51	261.8	1.129
14	UDCon15	Combination	Min	Y	101.393	40.386	2.511
13	UDCon15	Combination	Min	X	284.831	253.622	1.123
13	UDCon15	Combination	Min	Y	94.018	36.291	2.591
12F RF	UDCon15	Combination	Min	X	274.145	245.399	1.117
12F RF	UDCon15	Combination	Min	Y	86.644	32.139	2.696
11F RF	UDCon15	Combination	Min	X	263.482	237.16	1.111
11F RF	UDCon15	Combination	Min	Y	79.304	27.962	2.836
10F RF	UDCon15	Combination	Min	X	252.879	228.935	1.105
10F RF	UDCon15	Combination	Min	Y	72.029	23.78	3.029
9F RF	UDCon15	Combination	Min	X	242.368	220.747	1.098
8F RF	UDCon15	Combination	Min	X	231.979	212.619	1.091
7F RF	UDCon15	Combination	Min	X	221.73	204.566	1.084
6F RF	UDCon15	Combination	Min	X	211.856	196.709	1.077
5F RF	UDCon15	Combination	Min	X	202.38	189.065	1.07
4F RF	UDCon15	Combination	Min	X	193.266	181.623	1.064
3F RF	UDCon15	Combination	Min	X	184.546	174.397	1.058
2F RF	UDCon15	Combination	Min	X	175.367	166.887	1.051
1F RF	UDCon15	Combination	Min	X	168.189	159.452	1.055
Base	UDCon15	Combination	Min	X	136.822	134.467	1.018
14	UDCon16	Combination	Max	X	110.693	89.519	1.237
14	UDCon16	Combination	Max	Y	110.326	85.757	1.286
13	UDCon16	Combination	Max	X	113.706	94.471	1.204
13	UDCon16	Combination	Max	Y	102.056	81.124	1.258
12F RF	UDCon16	Combination	Max	X	116.708	99.375	1.174
12F RF	UDCon16	Combination	Max	Y	93.787	76.432	1.227
11F RF	UDCon16	Combination	Max	X	119.671	104.204	1.148
11F RF	UDCon16	Combination	Max	Y	85.554	71.713	1.193
10F RF	UDCon16	Combination	Max	X	122.579	108.938	1.125
10F RF	UDCon16	Combination	Max	Y	77.392	66.993	1.155
9F RF	UDCon16	Combination	Max	X	125.429	113.568	1.104
9F RF	UDCon16	Combination	Max	Y	69.339	62.291	1.113
8F RF	UDCon16	Combination	Max	X	128.224	118.096	1.086
8F RF	UDCon16	Combination	Max	Y	61.431	57.689	1.065
7F RF	UDCon16	Combination	Max	X	130.979	122.536	1.069
7F RF	UDCon16	Combination	Max	Y	53.706	53.146	1.011
6F RF	UDCon16	Combination	Max	X	133.717	126.921	1.054
6F RF	UDCon16	Combination	Max	Y	52.024	48.812	1.066
5F RF	UDCon16	Combination	Max	X	136.47	131.068	1.041
5F RF	UDCon16	Combination	Max	Y	50.504	44.399	1.138

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon16	Combination	Max	X	139.268	135.134	1.031
4F RF	UDCon16	Combination	Max	Y	48.96	40.103	1.221
3F RF	UDCon16	Combination	Max	X	142.169	139.164	1.022
3F RF	UDCon16	Combination	Max	Y	47.419	36.019	1.317
2F RF	UDCon16	Combination	Max	X	145.477	143.775	1.012
2F RF	UDCon16	Combination	Max	Y	45.181	31.638	1.428
1F RF	UDCon16	Combination	Max	X	151.445	149.065	1.016
1F RF	UDCon16	Combination	Max	Y	42.519	23.171	1.835
Base	UDCon16	Combination	Max	X	139.191	136.91	1.017
Base	UDCon16	Combination	Max	Y	24.114	22.493	1.072
14	UDCon16	Combination	Min	X	297.951	266.997	1.116
13	UDCon16	Combination	Min	X	287.156	258.834	1.109
12F RF	UDCon16	Combination	Min	X	276.352	250.626	1.103
11F RF	UDCon16	Combination	Min	X	265.571	242.402	1.096
10F RF	UDCon16	Combination	Min	X	254.847	234.19	1.088
9F RF	UDCon16	Combination	Min	X	244.217	226.014	1.081
8F RF	UDCon16	Combination	Min	X	233.711	217.894	1.073
7F RF	UDCon16	Combination	Min	X	223.35	209.847	1.064
6F RF	UDCon16	Combination	Min	X	213.374	201.995	1.056
6F RF	UDCon16	Combination	Min	Y	83.743	20.211	4.144
5F RF	UDCon16	Combination	Min	X	203.796	194.349	1.049
5F RF	UDCon16	Combination	Min	Y	85.094	24.097	3.531
4F RF	UDCon16	Combination	Min	X	194.59	186.901	1.041
4F RF	UDCon16	Combination	Min	Y	86.582	27.978	3.095
3F RF	UDCon16	Combination	Min	X	185.788	179.667	1.034
3F RF	UDCon16	Combination	Min	Y	88.283	31.652	2.789
2F RF	UDCon16	Combination	Min	X	176.537	172.143	1.026
2F RF	UDCon16	Combination	Min	Y	90.288	35.029	2.578
1F RF	UDCon16	Combination	Min	X	169.305	164.707	1.028
1F RF	UDCon16	Combination	Min	Y	93.075	39.287	2.369
Base	UDCon16	Combination	Min	X	142.81	139.924	1.021
14	UDCon17	Combination	Max	X	79.025	34.072	2.319
14	UDCon17	Combination	Max	Y	108.175	78.318	1.381
13	UDCon17	Combination	Max	X	82.521	39.644	2.082
13	UDCon17	Combination	Max	Y	100.093	73.783	1.357
12F RF	UDCon17	Combination	Max	X	86.024	45.185	1.904
12F RF	UDCon17	Combination	Max	Y	92.013	69.188	1.33
11F RF	UDCon17	Combination	Max	X	89.502	50.665	1.767
11F RF	UDCon17	Combination	Max	Y	83.967	64.568	1.3
10F RF	UDCon17	Combination	Max	X	92.939	56.063	1.658
10F RF	UDCon17	Combination	Max	Y	75.992	59.946	1.268
9F RF	UDCon17	Combination	Max	X	96.325	61.365	1.57
9F RF	UDCon17	Combination	Max	Y	68.122	55.339	1.231
8F RF	UDCon17	Combination	Max	X	99.663	66.567	1.497

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
8F RF	UDCon17	Combination	Max	Y	60.394	50.782	1.189
7F RF	UDCon17	Combination	Max	X	102.958	71.675	1.436
7F RF	UDCon17	Combination	Max	Y	52.845	46.276	1.142
6F RF	UDCon17	Combination	Max	X	106.228	76.712	1.385
6F RF	UDCon17	Combination	Max	Y	45.515	41.838	1.088
5F RF	UDCon17	Combination	Max	X	109.495	81.488	1.344
5F RF	UDCon17	Combination	Max	Y	38.52	37.518	1.027
4F RF	UDCon17	Combination	Max	X	112.784	86.155	1.309
4F RF	UDCon17	Combination	Max	Y	35.795	33.374	1.073
3F RF	UDCon17	Combination	Max	X	116.144	90.742	1.28
3F RF	UDCon17	Combination	Max	Y	34.179	29.299	1.167
2F RF	UDCon17	Combination	Max	X	119.862	95.837	1.251
2F RF	UDCon17	Combination	Max	Y	31.9	24.897	1.281
1F RF	UDCon17	Combination	Max	X	124.879	100.887	1.238
1F RF	UDCon17	Combination	Max	Y	29.188	16.438	1.776
Base	UDCon17	Combination	Max	X	105.92	102.533	1.033
Base	UDCon17	Combination	Max	Y	19.862	19.219	1.033
14	UDCon17	Combination	Min	X	269.445	237.406	1.135
14	UDCon17	Combination	Min	Y	99.912	23.942	4.173
13	UDCon17	Combination	Min	X	259.303	229.674	1.129
12F RF	UDCon17	Combination	Min	X	249.162	221.905	1.123
11F RF	UDCon17	Combination	Min	X	239.05	214.127	1.116
10F RF	UDCon17	Combination	Min	X	228.997	206.365	1.11
9F RF	UDCon17	Combination	Min	X	219.035	198.639	1.103
8F RF	UDCon17	Combination	Min	X	209.186	190.968	1.095
7F RF	UDCon17	Combination	Min	X	199.465	183.363	1.088
6F RF	UDCon17	Combination	Min	X	190.074	175.926	1.08
5F RF	UDCon17	Combination	Min	X	181.077	168.693	1.073
4F RF	UDCon17	Combination	Min	X	172.411	161.635	1.067
4F RF	UDCon17	Combination	Min	Y	63.335	16.325	3.88
3F RF	UDCon17	Combination	Min	X	164.099	154.764	1.06
3F RF	UDCon17	Combination	Min	Y	65.086	20.041	3.248
2F RF	UDCon17	Combination	Min	X	155.288	147.597	1.052
2F RF	UDCon17	Combination	Min	Y	67.181	23.489	2.86
1F RF	UDCon17	Combination	Min	X	148.4	140.439	1.057
1F RF	UDCon17	Combination	Min	Y	70.068	27.781	2.522
Base	UDCon17	Combination	Min	X	119.991	117.901	1.018
14	UDCon18	Combination	Max	X	89.352	66.838	1.337
14	UDCon18	Combination	Max	Y	110.462	101.372	1.09
13	UDCon18	Combination	Max	X	92.605	72.092	1.285
13	UDCon18	Combination	Max	Y	102.217	96.731	1.057
12F RF	UDCon18	Combination	Max	X	95.857	77.307	1.24
12F RF	UDCon18	Combination	Max	Y	93.973	92.029	1.021
11F RF	UDCon18	Combination	Max	X	99.078	82.454	1.202

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	UDCon18	Combination	Max	Y	89.407	87.387	1.023
10F RF	UDCon18	Combination	Max	X	102.249	87.512	1.168
10F RF	UDCon18	Combination	Max	Y	88.164	82.676	1.066
9F RF	UDCon18	Combination	Max	X	105.365	92.468	1.139
9F RF	UDCon18	Combination	Max	Y	86.837	77.973	1.114
8F RF	UDCon18	Combination	Max	X	108.427	97.32	1.114
8F RF	UDCon18	Combination	Max	Y	85.422	73.295	1.165
7F RF	UDCon18	Combination	Max	X	111.446	102.079	1.092
7F RF	UDCon18	Combination	Max	Y	83.911	68.659	1.222
6F RF	UDCon18	Combination	Max	X	114.44	106.767	1.072
6F RF	UDCon18	Combination	Max	Y	82.298	64.079	1.284
5F RF	UDCon18	Combination	Max	X	117.437	111.202	1.056
5F RF	UDCon18	Combination	Max	Y	80.593	59.571	1.353
4F RF	UDCon18	Combination	Max	X	120.463	115.541	1.043
4F RF	UDCon18	Combination	Max	Y	78.871	55.181	1.429
3F RF	UDCon18	Combination	Max	X	123.572	119.819	1.031
3F RF	UDCon18	Combination	Max	Y	77.161	50.922	1.515
2F RF	UDCon18	Combination	Max	X	127.053	124.638	1.019
2F RF	UDCon18	Combination	Max	Y	74.822	46.417	1.612
1F RF	UDCon18	Combination	Max	X	132.211	129.621	1.02
1F RF	UDCon18	Combination	Max	Y	72.078	37.929	1.9
Base	UDCon18	Combination	Max	X	122.301	120.277	1.017
Base	UDCon18	Combination	Max	Y	32.891	29.402	1.119
14	UDCon18	Combination	Min	X	214.24	204.64	1.047
14	UDCon18	Combination	Min	Y	102.199	46.997	2.175
13	UDCon18	Combination	Min	X	204.491	197.226	1.037
13	UDCon18	Combination	Min	Y	94.743	42.867	2.21
12F RF	UDCon18	Combination	Min	X	194.751	189.783	1.026
12F RF	UDCon18	Combination	Min	Y	87.289	38.679	2.257
11F RF	UDCon18	Combination	Min	X	185.047	182.339	1.015
11F RF	UDCon18	Combination	Min	Y	79.868	34.466	2.317
10F RF	UDCon18	Combination	Min	X	175.411	174.916	1.003
10F RF	UDCon18	Combination	Min	Y	72.511	30.249	2.397
9F RF	UDCon18	Combination	Min	X	169.909	167.547	1.014
9F RF	UDCon18	Combination	Min	Y	65.249	26.045	2.505
8F RF	UDCon18	Combination	Min	X	164.723	160.283	1.028
8F RF	UDCon18	Combination	Min	Y	58.113	21.852	2.659
7F RF	UDCon18	Combination	Min	X	159.581	153.14	1.042
7F RF	UDCon18	Combination	Min	Y	51.132	17.701	2.889
6F RF	UDCon18	Combination	Min	X	154.509	146.15	1.057
5F RF	UDCon18	Combination	Min	X	149.494	139.183	1.074
4F RF	UDCon18	Combination	Min	X	144.474	132.181	1.093
3F RF	UDCon18	Combination	Min	X	139.189	125.048	1.113
2F RF	UDCon18	Combination	Min	X	133.216	117.467	1.134

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	UDCon18	Combination	Min	X	129.572	112.436	1.152
Base	UDCon18	Combination	Min	X	103.613	100.159	1.034
14	UDCon19	Combination	Max	X	119.337	95.573	1.249
14	UDCon19	Combination	Max	Y	116.455	113.495	1.026
13	UDCon19	Combination	Max	X	122.438	100.467	1.219
13	UDCon19	Combination	Max	Y	115.413	108.867	1.06
12F RF	UDCon19	Combination	Max	X	125.532	105.315	1.192
12F RF	UDCon19	Combination	Max	Y	114.291	104.172	1.097
11F RF	UDCon19	Combination	Max	X	128.587	110.087	1.168
11F RF	UDCon19	Combination	Max	Y	113.087	99.441	1.137
10F RF	UDCon19	Combination	Max	X	131.586	114.765	1.147
10F RF	UDCon19	Combination	Max	Y	111.797	94.694	1.181
9F RF	UDCon19	Combination	Max	X	134.522	119.339	1.127
9F RF	UDCon19	Combination	Max	Y	110.42	89.952	1.228
8F RF	UDCon19	Combination	Max	X	137.398	123.809	1.11
8F RF	UDCon19	Combination	Max	Y	108.952	85.235	1.278
7F RF	UDCon19	Combination	Max	X	140.226	128.19	1.094
7F RF	UDCon19	Combination	Max	Y	107.385	80.557	1.333
6F RF	UDCon19	Combination	Max	X	143.025	132.515	1.079
6F RF	UDCon19	Combination	Max	Y	105.712	75.931	1.392
5F RF	UDCon19	Combination	Max	X	145.826	136.605	1.067
5F RF	UDCon19	Combination	Max	Y	103.944	71.377	1.456
4F RF	UDCon19	Combination	Max	X	148.658	140.61	1.057
4F RF	UDCon19	Combination	Max	Y	102.157	66.937	1.526
3F RF	UDCon19	Combination	Max	X	151.58	144.578	1.048
3F RF	UDCon19	Combination	Max	Y	100.38	62.626	1.603
2F RF	UDCon19	Combination	Max	X	154.911	149.134	1.039
2F RF	UDCon19	Combination	Max	Y	97.929	58.017	1.688
1F RF	UDCon19	Combination	Max	X	159.419	153.646	1.038
1F RF	UDCon19	Combination	Max	Y	95.068	49.414	1.924
Base	UDCon19	Combination	Max	X	145.151	142.334	1.02
Base	UDCon19	Combination	Max	Y	39.688	35.787	1.109
14	UDCon19	Combination	Min	X	294.487	260.944	1.129
14	UDCon19	Combination	Min	Y	100.72	39.972	2.52
13	UDCon19	Combination	Min	X	283.896	252.838	1.123
13	UDCon19	Combination	Min	Y	93.399	35.908	2.601
12F RF	UDCon19	Combination	Min	X	273.296	244.686	1.117
12F RF	UDCon19	Combination	Min	Y	86.08	31.787	2.708
11F RF	UDCon19	Combination	Min	X	262.719	236.519	1.111
11F RF	UDCon19	Combination	Min	Y	78.793	27.641	2.851
10F RF	UDCon19	Combination	Min	X	252.199	228.363	1.104
10F RF	UDCon19	Combination	Min	Y	71.57	23.491	3.047
9F RF	UDCon19	Combination	Min	X	241.77	220.243	1.098
8F RF	UDCon19	Combination	Min	X	231.459	212.181	1.091

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon19	Combination	Min	X	221.288	204.193	1.084
6F RF	UDCon19	Combination	Min	X	211.486	196.398	1.077
5F RF	UDCon19	Combination	Min	X	202.078	188.812	1.07
4F RF	UDCon19	Combination	Min	X	193.029	181.425	1.064
3F RF	UDCon19	Combination	Min	X	184.369	174.253	1.058
2F RF	UDCon19	Combination	Min	X	175.252	166.798	1.051
1F RF	UDCon19	Combination	Min	X	168.125	159.415	1.055
Base	UDCon19	Combination	Min	X	136.851	134.5	1.017
14	UDCon20	Combination	Max	X	111.384	90.376	1.232
14	UDCon20	Combination	Max	Y	109.653	85.343	1.285
13	UDCon20	Combination	Max	X	114.339	95.255	1.2
13	UDCon20	Combination	Max	Y	101.438	80.741	1.256
12F RF	UDCon20	Combination	Max	X	117.285	100.088	1.172
12F RF	UDCon20	Combination	Max	Y	93.223	76.08	1.225
11F RF	UDCon20	Combination	Max	X	120.191	104.845	1.146
11F RF	UDCon20	Combination	Max	Y	85.043	71.393	1.191
10F RF	UDCon20	Combination	Max	X	123.043	109.51	1.124
10F RF	UDCon20	Combination	Max	Y	76.933	66.704	1.153
9F RF	UDCon20	Combination	Max	X	125.838	114.072	1.103
9F RF	UDCon20	Combination	Max	Y	68.931	62.032	1.111
8F RF	UDCon20	Combination	Max	X	128.58	118.534	1.085
8F RF	UDCon20	Combination	Max	Y	61.073	57.461	1.063
7F RF	UDCon20	Combination	Max	X	131.283	122.909	1.068
7F RF	UDCon20	Combination	Max	Y	53.397	52.948	1.008
6F RF	UDCon20	Combination	Max	X	133.97	127.232	1.053
6F RF	UDCon20	Combination	Max	Y	51.942	48.64	1.068
5F RF	UDCon20	Combination	Max	X	136.674	131.321	1.041
5F RF	UDCon20	Combination	Max	Y	50.433	44.255	1.14
4F RF	UDCon20	Combination	Max	X	139.425	135.331	1.03
4F RF	UDCon20	Combination	Max	Y	48.901	39.987	1.223
3F RF	UDCon20	Combination	Max	X	142.28	139.308	1.021
3F RF	UDCon20	Combination	Max	Y	47.372	35.928	1.319
2F RF	UDCon20	Combination	Max	X	145.542	143.864	1.012
2F RF	UDCon20	Combination	Max	Y	45.15	31.575	1.43
1F RF	UDCon20	Combination	Max	X	151.472	149.097	1.016
1F RF	UDCon20	Combination	Max	Y	42.507	23.154	1.836
Base	UDCon20	Combination	Max	X	139.163	136.877	1.017
Base	UDCon20	Combination	Max	Y	24.044	22.429	1.072
14	UDCon20	Combination	Min	X	296.928	266.141	1.116
13	UDCon20	Combination	Min	X	286.221	258.05	1.109
12F RF	UDCon20	Combination	Min	X	275.504	249.914	1.102
11F RF	UDCon20	Combination	Min	X	264.808	241.761	1.095
10F RF	UDCon20	Combination	Min	X	254.168	233.618	1.088
9F RF	UDCon20	Combination	Min	X	243.619	225.51	1.08

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
8F RF	UDCon20	Combination	Min	X	233.192	217.457	1.072
7F RF	UDCon20	Combination	Min	X	222.908	209.474	1.064
6F RF	UDCon20	Combination	Min	X	213.003	201.683	1.056
6F RF	UDCon20	Combination	Min	Y	83.82	20.38	4.113
5F RF	UDCon20	Combination	Min	X	203.494	194.096	1.048
5F RF	UDCon20	Combination	Min	Y	85.158	24.238	3.513
4F RF	UDCon20	Combination	Min	X	194.353	186.704	1.041
4F RF	UDCon20	Combination	Min	Y	86.633	28.092	3.084
3F RF	UDCon20	Combination	Min	X	185.61	179.523	1.034
3F RF	UDCon20	Combination	Min	Y	88.32	31.74	2.783
2F RF	UDCon20	Combination	Min	X	176.422	172.055	1.025
2F RF	UDCon20	Combination	Min	Y	90.308	35.093	2.573
1F RF	UDCon20	Combination	Min	X	169.24	164.671	1.028
1F RF	UDCon20	Combination	Min	Y	93.075	39.324	2.367
Base	UDCon20	Combination	Min	X	142.839	139.957	1.021

Table 3.7 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	Dead	LinStatic		X	0.0011	44	26.8	19.6	56
16	Dead	LinStatic		Y	0.000899	44	26.8	19.6	56
16	Live	LinStatic		X	8.7E-05	44	26.8	19.6	56
16	Live	LinStatic		Y	5.3E-05	43	26.8	5	56
16	FF	LinStatic		X	0.000814	44	26.8	19.6	56
16	FF	LinStatic		Y	0.000692	48	26.8	12	56
16	PW	LinStatic		X	0.00075	44	26.8	19.6	56
16	PW	LinStatic		Y	0.000645	48	26.8	12	56
16	Earthquake+x	LinStatic		X	0.000662	6	20.5	19.6	56
16	Earthquake+x	LinStatic		Y	0.000274	33	3.75	19.6	56
16	Earthquake+y	LinStatic		X	0.00013	44	26.8	19.6	56
16	Earthquake+y	LinStatic		Y	0.000752	38	3.75	14.8	56
16	TH-X Load Case	LinModHist	Max	X	0.000315	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Max	Y	0.000113	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Min	X	0.000468	6	20.5	19.6	56
16	TH-X Load Case	LinModHist	Min	Y	0.000181	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Max	X	0.000549	6	20.5	19.6	56
16	TH-Y Load Case	LinModHist	Max	Y	0.000198	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Min	X	0.000517	6	20.5	19.6	56
16	TH-Y Load Case	LinModHist	Min	Y	0.000165	33	3.75	19.6	56
16	UDCon11	Combination		X	0.003597	44	26.8	19.6	56
16	UDCon11	Combination		Y	0.003011	48	26.8	12	56
16	UDCon12	Combination		X	0.003727	44	26.8	19.6	56
16	UDCon12	Combination		Y	0.003087	48	26.8	12	56
16	UDCon13	Combination	Max	X	0.002381	44	26.8	19.6	56
16	UDCon13	Combination	Max	Y	0.00233	44	26.8	19.6	56

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	UDCon13	Combination	Min	X	0.003153	44	26.8	19.6	56
16	UDCon13	Combination	Min	Y	0.002116	48	26.8	12	56
16	UDCon14	Combination	Max	X	0.002229	44	26.8	19.6	56
16	UDCon14	Combination	Max	Y	0.002376	44	26.8	19.6	56
16	UDCon14	Combination	Min	X	0.003001	44	26.8	19.6	56
16	UDCon14	Combination	Min	Y	0.002162	48	26.8	12	56
16	UDCon15	Combination	Max	X	0.002148	44	26.8	19.6	56
16	UDCon15	Combination	Max	Y	0.002383	44	26.8	19.6	56
16	UDCon15	Combination	Min	X	0.003202	44	26.8	19.6	56
16	UDCon15	Combination	Min	Y	0.002126	48	26.8	12	56
16	UDCon16	Combination	Max	X	0.00218	44	26.8	19.6	56
16	UDCon16	Combination	Max	Y	0.002368	44	26.8	19.6	56
16	UDCon16	Combination	Min	X	0.003233	44	26.8	19.6	56
16	UDCon16	Combination	Min	Y	0.002109	48	26.8	12	56
16	UDCon17	Combination	Max	X	0.002355	44	26.8	19.6	56
16	UDCon17	Combination	Max	Y	0.002314	44	26.8	19.6	56
16	UDCon17	Combination	Min	X	0.003127	44	26.8	19.6	56
16	UDCon17	Combination	Min	Y	0.002101	48	26.8	12	56
16	UDCon18	Combination	Max	X	0.002202	44	26.8	19.6	56
16	UDCon18	Combination	Max	Y	0.002361	44	26.8	19.6	56
16	UDCon18	Combination	Min	X	0.002975	44	26.8	19.6	56
16	UDCon18	Combination	Min	Y	0.002147	48	26.8	12	56
16	UDCon19	Combination	Max	X	0.002122	44	26.8	19.6	56
16	UDCon19	Combination	Max	Y	0.002368	44	26.8	19.6	56
16	UDCon19	Combination	Min	X	0.003176	44	26.8	19.6	56
16	UDCon19	Combination	Min	Y	0.00211	48	26.8	12	56
16	UDCon20	Combination	Max	X	0.002154	44	26.8	19.6	56
16	UDCon20	Combination	Max	Y	0.002352	44	26.8	19.6	56
16	UDCon20	Combination	Min	X	0.003207	44	26.8	19.6	56
16	UDCon20	Combination	Min	Y	0.002093	48	26.8	12	56
15	Dead	LinStatic		X	0.001028	44	26.8	19.6	52.5
15	Dead	LinStatic		Y	0.000898	45	26.8	14.8	52.5
15	Live	LinStatic		X	8.4E-05	6	20.5	19.6	52.5
15	Live	LinStatic		Y	5.3E-05	43	26.8	5	52.5
15	FF	LinStatic		X	0.000764	44	26.8	19.6	52.5
15	FF	LinStatic		Y	0.000688	45	26.8	14.8	52.5
15	PW	LinStatic		X	0.000702	44	26.8	19.6	52.5
15	PW	LinStatic		Y	0.000641	45	26.8	14.8	52.5
15	Earthquake+x	LinStatic		X	0.000677	6	20.5	19.6	52.5
15	Earthquake+x	LinStatic		Y	0.000274	38	3.75	14.8	52.5
15	Earthquake+y	LinStatic		X	0.000114	44	26.8	19.6	52.5
15	Earthquake+y	LinStatic		Y	0.000758	38	3.75	14.8	52.5
15	TH-X Load Case	LinModHist	Max	X	0.000322	6	20.5	19.6	52.5
15	TH-X Load Case	LinModHist	Max	Y	0.000113	38	3.75	14.8	52.5
15	TH-X Load Case	LinModHist	Min	X	0.000478	6	20.5	19.6	52.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
15	TH-X Load Case	LinModHist	Min	Y	0.000182	38	3.75	14.8	52.5
15	TH-Y Load Case	LinModHist	Max	X	0.000561	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Max	Y	0.000198	38	3.75	14.8	52.5
15	TH-Y Load Case	LinModHist	Min	X	0.000528	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Min	Y	0.000165	38	3.75	14.8	52.5
15	UDCon11	Combination		X	0.003366	44	26.8	19.6	52.5
15	UDCon11	Combination		Y	0.003007	45	26.8	14.8	52.5
15	UDCon12	Combination		X	0.003492	44	26.8	19.6	52.5
15	UDCon12	Combination		Y	0.003086	45	26.8	14.8	52.5
15	UDCon13	Combination	Max	X	0.0022	44	26.8	19.6	52.5
15	UDCon13	Combination	Max	Y	0.002332	45	26.8	14.8	52.5
15	UDCon13	Combination	Min	X	0.002994	6	20.5	19.6	52.5
15	UDCon13	Combination	Min	Y	0.002108	45	26.8	14.8	52.5
15	UDCon14	Combination	Max	X	0.002046	44	26.8	19.6	52.5
15	UDCon14	Combination	Max	Y	0.002379	45	26.8	14.8	52.5
15	UDCon14	Combination	Min	X	0.002839	6	20.5	19.6	52.5
15	UDCon14	Combination	Min	Y	0.002154	45	26.8	14.8	52.5
15	UDCon15	Combination	Max	X	0.001964	44	26.8	19.6	52.5
15	UDCon15	Combination	Max	Y	0.002386	45	26.8	14.8	52.5
15	UDCon15	Combination	Min	X	0.003044	6	20.5	19.6	52.5
15	UDCon15	Combination	Min	Y	0.002116	45	26.8	14.8	52.5
15	UDCon16	Combination	Max	X	0.001996	44	26.8	19.6	52.5
15	UDCon16	Combination	Max	Y	0.002371	45	26.8	14.8	52.5
15	UDCon16	Combination	Min	X	0.003077	6	20.5	19.6	52.5
15	UDCon16	Combination	Min	Y	0.002101	45	26.8	14.8	52.5
15	UDCon17	Combination	Max	X	0.002175	44	26.8	19.6	52.5
15	UDCon17	Combination	Max	Y	0.002317	45	26.8	14.8	52.5
15	UDCon17	Combination	Min	X	0.002969	6	20.5	19.6	52.5
15	UDCon17	Combination	Min	Y	0.002092	45	26.8	14.8	52.5
15	UDCon18	Combination	Max	X	0.002021	44	26.8	19.6	52.5
15	UDCon18	Combination	Max	Y	0.002363	45	26.8	14.8	52.5
15	UDCon18	Combination	Min	X	0.002813	6	20.5	19.6	52.5
15	UDCon18	Combination	Min	Y	0.002139	45	26.8	14.8	52.5
15	UDCon19	Combination	Max	X	0.001939	44	26.8	19.6	52.5
15	UDCon19	Combination	Max	Y	0.00237	45	26.8	14.8	52.5
15	UDCon19	Combination	Min	X	0.003019	6	20.5	19.6	52.5
15	UDCon19	Combination	Min	Y	0.002101	45	26.8	14.8	52.5
15	UDCon20	Combination	Max	X	0.001971	44	26.8	19.6	52.5
15	UDCon20	Combination	Max	Y	0.002355	45	26.8	14.8	52.5
15	UDCon20	Combination	Min	X	0.003052	6	20.5	19.6	52.5
15	UDCon20	Combination	Min	Y	0.002085	45	26.8	14.8	52.5
14	Dead	LinStatic		X	0.001023	6	20.5	19.6	49
14	Dead	LinStatic		Y	0.0009	45	26.8	14.8	49
14	Live	LinStatic		X	8.4E-05	32	11.4	19.6	49
14	Live	LinStatic		Y	5.2E-05	45	26.8	14.8	49

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
14	FF	LinStatic		X	0.000762	6	20.5	19.6	49
14	FF	LinStatic		Y	0.000691	45	26.8	14.8	49
14	PW	LinStatic		X	0.0007	6	20.5	19.6	49
14	PW	LinStatic		Y	0.000644	45	26.8	14.8	49
14	Earthquake+x	LinStatic		X	0.000694	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Y	0.000274	33	3.75	19.6	49
14	Earthquake+y	LinStatic		X	0.000112	33	3.75	19.6	49
14	Earthquake+y	LinStatic		Y	0.000763	38	3.75	14.8	49
14	TH-X Load Case	LinModHist	Max	X	0.000331	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Y	0.000113	33	3.75	19.6	49
14	TH-X Load Case	LinModHist	Min	X	0.000489	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Min	Y	0.000182	33	3.75	19.6	49
14	TH-Y Load Case	LinModHist	Max	X	0.000574	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Max	Y	0.000198	33	3.75	19.6	49
14	TH-Y Load Case	LinModHist	Min	X	0.000541	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Min	Y	0.000165	33	3.75	19.6	49
14	UDCon11	Combination		X	0.003355	6	20.5	19.6	49
14	UDCon11	Combination		Y	0.003017	45	26.8	14.8	49
14	UDCon12	Combination		X	0.00348	6	20.5	19.6	49
14	UDCon12	Combination		Y	0.003095	45	26.8	14.8	49
14	UDCon13	Combination	Max	X	0.002179	6	20.5	19.6	49
14	UDCon13	Combination	Max	Y	0.00234	45	26.8	14.8	49
14	UDCon13	Combination	Min	X	0.002999	6	20.5	19.6	49
14	UDCon13	Combination	Min	Y	0.002114	45	26.8	14.8	49
14	UDCon14	Combination	Max	X	0.002021	6	20.5	19.6	49
14	UDCon14	Combination	Max	Y	0.002387	45	26.8	14.8	49
14	UDCon14	Combination	Min	X	0.002841	6	20.5	19.6	49
14	UDCon14	Combination	Min	Y	0.002161	45	26.8	14.8	49
14	UDCon15	Combination	Max	X	0.001936	6	20.5	19.6	49
14	UDCon15	Combination	Max	Y	0.002394	45	26.8	14.8	49
14	UDCon15	Combination	Min	X	0.003051	6	20.5	19.6	49
14	UDCon15	Combination	Min	Y	0.002122	45	26.8	14.8	49
14	UDCon16	Combination	Max	X	0.001969	6	20.5	19.6	49
14	UDCon16	Combination	Max	Y	0.002378	45	26.8	14.8	49
14	UDCon16	Combination	Min	X	0.003084	6	20.5	19.6	49
14	UDCon16	Combination	Min	Y	0.002107	45	26.8	14.8	49
14	UDCon17	Combination	Max	X	0.002154	6	20.5	19.6	49
14	UDCon17	Combination	Max	Y	0.002324	45	26.8	14.8	49
14	UDCon17	Combination	Min	X	0.002974	6	20.5	19.6	49
14	UDCon17	Combination	Min	Y	0.002098	45	26.8	14.8	49
14	UDCon18	Combination	Max	X	0.001996	6	20.5	19.6	49
14	UDCon18	Combination	Max	Y	0.002371	45	26.8	14.8	49
14	UDCon18	Combination	Min	X	0.002816	6	20.5	19.6	49
14	UDCon18	Combination	Min	Y	0.002145	45	26.8	14.8	49
14	UDCon19	Combination	Max	X	0.001911	6	20.5	19.6	49

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
14	UDCon19	Combination	Max	Y	0.002378	45	26.8	14.8	49
14	UDCon19	Combination	Min	X	0.003026	6	20.5	19.6	49
14	UDCon19	Combination	Min	Y	0.002107	45	26.8	14.8	49
14	UDCon20	Combination	Max	X	0.001944	6	20.5	19.6	49
14	UDCon20	Combination	Max	Y	0.002363	45	26.8	14.8	49
14	UDCon20	Combination	Min	X	0.003059	6	20.5	19.6	49
14	UDCon20	Combination	Min	Y	0.002091	45	26.8	14.8	49
13	Dead	LinStatic		X	0.001019	32	11.4	19.6	45.5
13	Dead	LinStatic		Y	0.000899	45	26.8	14.8	45.5
13	Live	LinStatic		X	8.3E-05	32	11.4	19.6	45.5
13	Live	LinStatic		Y	5.2E-05	45	26.8	14.8	45.5
13	FF	LinStatic		X	0.00076	32	11.4	19.6	45.5
13	FF	LinStatic		Y	0.000692	45	26.8	14.8	45.5
13	PW	LinStatic		X	0.000699	32	11.4	19.6	45.5
13	PW	LinStatic		Y	0.000645	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		X	0.000709	6	20.5	19.6	45.5
13	Earthquake+x	LinStatic		Y	0.000274	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		X	0.000111	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		Y	0.000766	38	3.75	14.8	45.5
13	TH-X Load Case	LinModHist	Max	X	0.000339	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Y	0.000112	33	3.75	19.6	45.5
13	TH-X Load Case	LinModHist	Min	X	0.000501	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Y	0.000182	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	X	0.000588	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Y	0.000198	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	X	0.000554	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Y	0.000164	33	3.75	19.6	45.5
13	UDCon11	Combination		X	0.003345	32	11.4	19.6	45.5
13	UDCon11	Combination		Y	0.003018	45	26.8	14.8	45.5
13	UDCon12	Combination		X	0.003469	32	11.4	19.6	45.5
13	UDCon12	Combination		Y	0.003096	45	26.8	14.8	45.5
13	UDCon13	Combination	Max	X	0.002166	32	11.4	19.6	45.5
13	UDCon13	Combination	Max	Y	0.002341	45	26.8	14.8	45.5
13	UDCon13	Combination	Min	X	0.003	6	20.5	19.6	45.5
13	UDCon13	Combination	Min	Y	0.002115	45	26.8	14.8	45.5
13	UDCon14	Combination	Max	X	0.002006	32	11.4	19.6	45.5
13	UDCon14	Combination	Max	Y	0.002388	45	26.8	14.8	45.5
13	UDCon14	Combination	Min	X	0.002839	32	11.4	19.6	45.5
13	UDCon14	Combination	Min	Y	0.002162	45	26.8	14.8	45.5
13	UDCon15	Combination	Max	X	0.00192	32	11.4	19.6	45.5
13	UDCon15	Combination	Max	Y	0.002395	45	26.8	14.8	45.5
13	UDCon15	Combination	Min	X	0.003053	6	20.5	19.6	45.5
13	UDCon15	Combination	Min	Y	0.002123	45	26.8	14.8	45.5
13	UDCon16	Combination	Max	X	0.001953	32	11.4	19.6	45.5
13	UDCon16	Combination	Max	Y	0.002379	45	26.8	14.8	45.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
13	UDCon16	Combination	Min	X	0.003087	6	20.5	19.6	45.5
13	UDCon16	Combination	Min	Y	0.002108	45	26.8	14.8	45.5
13	UDCon17	Combination	Max	X	0.002142	32	11.4	19.6	45.5
13	UDCon17	Combination	Max	Y	0.002325	45	26.8	14.8	45.5
13	UDCon17	Combination	Min	X	0.002975	6	20.5	19.6	45.5
13	UDCon17	Combination	Min	Y	0.002099	45	26.8	14.8	45.5
13	UDCon18	Combination	Max	X	0.001981	32	11.4	19.6	45.5
13	UDCon18	Combination	Max	Y	0.002372	45	26.8	14.8	45.5
13	UDCon18	Combination	Min	X	0.002814	32	11.4	19.6	45.5
13	UDCon18	Combination	Min	Y	0.002146	45	26.8	14.8	45.5
13	UDCon19	Combination	Max	X	0.001895	32	11.4	19.6	45.5
13	UDCon19	Combination	Max	Y	0.002379	45	26.8	14.8	45.5
13	UDCon19	Combination	Min	X	0.003028	6	20.5	19.6	45.5
13	UDCon19	Combination	Min	Y	0.002108	45	26.8	14.8	45.5
13	UDCon20	Combination	Max	X	0.001928	32	11.4	19.6	45.5
13	UDCon20	Combination	Max	Y	0.002364	45	26.8	14.8	45.5
13	UDCon20	Combination	Min	X	0.003062	6	20.5	19.6	45.5
13	UDCon20	Combination	Min	Y	0.002092	45	26.8	14.8	45.5
12F RF	Dead	LinStatic		X	0.001009	32	11.4	19.6	42
12F RF	Dead	LinStatic		Y	0.000894	45	26.8	14.8	42
12F RF	Live	LinStatic		X	8.1E-05	32	11.4	19.6	42
12F RF	Live	LinStatic		Y	5.1E-05	45	26.8	14.8	42
12F RF	FF	LinStatic		X	0.000754	32	11.4	19.6	42
12F RF	FF	LinStatic		Y	0.000689	45	26.8	14.8	42
12F RF	PW	LinStatic		X	0.000694	32	11.4	19.6	42
12F RF	PW	LinStatic		Y	0.000643	45	26.8	14.8	42
12F RF	Earthquake+x	LinStatic		X	0.000723	6	20.5	19.6	42
12F RF	Earthquake+x	LinStatic		Y	0.000272	33	3.75	19.6	42
12F RF	Earthquake+y	LinStatic		X	0.000111	33	3.75	19.6	42
12F RF	Earthquake+y	LinStatic		Y	0.000766	38	3.75	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	X	0.000348	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Y	0.000112	33	3.75	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	X	0.000512	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Y	0.000181	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	X	0.000601	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Y	0.000196	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	X	0.000567	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Y	0.000163	33	3.75	19.6	42
12F RF	UDCon11	Combination		X	0.003318	32	11.4	19.6	42
12F RF	UDCon11	Combination		Y	0.003005	45	26.8	14.8	42
12F RF	UDCon12	Combination		X	0.00344	32	11.4	19.6	42
12F RF	UDCon12	Combination		Y	0.003082	45	26.8	14.8	42
12F RF	UDCon13	Combination	Max	X	0.002138	32	11.4	19.6	42
12F RF	UDCon13	Combination	Max	Y	0.002331	45	26.8	14.8	42
12F RF	UDCon13	Combination	Min	X	0.002991	6	20.5	19.6	42

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
12F RF	UDCon13	Combination	Min	Y	0.002105	45	26.8	14.8	42
12F RF	UDCon14	Combination	Max	X	0.001974	32	11.4	19.6	42
12F RF	UDCon14	Combination	Max	Y	0.002378	45	26.8	14.8	42
12F RF	UDCon14	Combination	Min	X	0.002827	6	20.5	19.6	42
12F RF	UDCon14	Combination	Min	Y	0.002152	45	26.8	14.8	42
12F RF	UDCon15	Combination	Max	X	0.001886	32	11.4	19.6	42
12F RF	UDCon15	Combination	Max	Y	0.002385	45	26.8	14.8	42
12F RF	UDCon15	Combination	Min	X	0.003046	6	20.5	19.6	42
12F RF	UDCon15	Combination	Min	Y	0.002114	45	26.8	14.8	42
12F RF	UDCon16	Combination	Max	X	0.00192	32	11.4	19.6	42
12F RF	UDCon16	Combination	Max	Y	0.002369	45	26.8	14.8	42
12F RF	UDCon16	Combination	Min	X	0.00308	6	20.5	19.6	42
12F RF	UDCon16	Combination	Min	Y	0.002098	45	26.8	14.8	42
12F RF	UDCon17	Combination	Max	X	0.002113	32	11.4	19.6	42
12F RF	UDCon17	Combination	Max	Y	0.002315	45	26.8	14.8	42
12F RF	UDCon17	Combination	Min	X	0.002967	6	20.5	19.6	42
12F RF	UDCon17	Combination	Min	Y	0.00209	45	26.8	14.8	42
12F RF	UDCon18	Combination	Max	X	0.00195	32	11.4	19.6	42
12F RF	UDCon18	Combination	Max	Y	0.002362	45	26.8	14.8	42
12F RF	UDCon18	Combination	Min	X	0.002803	6	20.5	19.6	42
12F RF	UDCon18	Combination	Min	Y	0.002137	45	26.8	14.8	42
12F RF	UDCon19	Combination	Max	X	0.001861	32	11.4	19.6	42
12F RF	UDCon19	Combination	Max	Y	0.002369	45	26.8	14.8	42
12F RF	UDCon19	Combination	Min	X	0.003022	6	20.5	19.6	42
12F RF	UDCon19	Combination	Min	Y	0.002098	45	26.8	14.8	42
12F RF	UDCon20	Combination	Max	X	0.001895	32	11.4	19.6	42
12F RF	UDCon20	Combination	Max	Y	0.002354	45	26.8	14.8	42
12F RF	UDCon20	Combination	Min	X	0.003056	6	20.5	19.6	42
12F RF	UDCon20	Combination	Min	Y	0.002083	45	26.8	14.8	42
11F RF	Dead	LinStatic		X	0.000995	6	20.5	19.6	38.5
11F RF	Dead	LinStatic		Y	0.000885	45	26.8	14.8	38.5
11F RF	Live	LinStatic		X	7.9E-05	6	20.5	19.6	38.5
11F RF	Live	LinStatic		Y	5E-05	45	26.8	14.8	38.5
11F RF	FF	LinStatic		X	0.000746	6	20.5	19.6	38.5
11F RF	FF	LinStatic		Y	0.000683	45	26.8	14.8	38.5
11F RF	PW	LinStatic		X	0.000687	6	20.5	19.6	38.5
11F RF	PW	LinStatic		Y	0.000638	45	26.8	14.8	38.5
11F RF	Earthquake+x	LinStatic		X	0.000734	6	20.5	19.6	38.5
11F RF	Earthquake+x	LinStatic		Y	0.00027	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		X	0.00011	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		Y	0.000763	38	3.75	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Max	X	0.000355	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Y	0.00011	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	X	0.000521	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Y	0.000178	33	3.75	19.6	38.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
11F RF	TH-Y Load Case	LinModHist	Max	X	0.000612	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Y	0.000194	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	X	0.000578	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Y	0.000161	33	3.75	19.6	38.5
11F RF	UDCon11	Combination		X	0.003278	6	20.5	19.6	38.5
11F RF	UDCon11	Combination		Y	0.002979	45	26.8	14.8	38.5
11F RF	UDCon12	Combination		X	0.003397	6	20.5	19.6	38.5
11F RF	UDCon12	Combination		Y	0.003054	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Max	X	0.002099	32	11.4	19.6	38.5
11F RF	UDCon13	Combination	Max	Y	0.00231	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Min	X	0.002973	6	20.5	19.6	38.5
11F RF	UDCon13	Combination	Min	Y	0.002086	45	26.8	14.8	38.5
11F RF	UDCon14	Combination	Max	X	0.001934	32	11.4	19.6	38.5
11F RF	UDCon14	Combination	Max	Y	0.002357	45	26.8	14.8	38.5
11F RF	UDCon14	Combination	Min	X	0.002807	6	20.5	19.6	38.5
11F RF	UDCon14	Combination	Min	Y	0.002134	45	26.8	14.8	38.5
11F RF	UDCon15	Combination	Max	X	0.001844	32	11.4	19.6	38.5
11F RF	UDCon15	Combination	Max	Y	0.002364	45	26.8	14.8	38.5
11F RF	UDCon15	Combination	Min	X	0.00303	6	20.5	19.6	38.5
11F RF	UDCon15	Combination	Min	Y	0.002095	45	26.8	14.8	38.5
11F RF	UDCon16	Combination	Max	X	0.001878	32	11.4	19.6	38.5
11F RF	UDCon16	Combination	Max	Y	0.002348	45	26.8	14.8	38.5
11F RF	UDCon16	Combination	Min	X	0.003064	6	20.5	19.6	38.5
11F RF	UDCon16	Combination	Min	Y	0.002079	45	26.8	14.8	38.5
11F RF	UDCon17	Combination	Max	X	0.002075	32	11.4	19.6	38.5
11F RF	UDCon17	Combination	Max	Y	0.002295	45	26.8	14.8	38.5
11F RF	UDCon17	Combination	Min	X	0.002949	6	20.5	19.6	38.5
11F RF	UDCon17	Combination	Min	Y	0.002071	45	26.8	14.8	38.5
11F RF	UDCon18	Combination	Max	X	0.00191	32	11.4	19.6	38.5
11F RF	UDCon18	Combination	Max	Y	0.002342	45	26.8	14.8	38.5
11F RF	UDCon18	Combination	Min	X	0.002783	6	20.5	19.6	38.5
11F RF	UDCon18	Combination	Min	Y	0.002118	45	26.8	14.8	38.5
11F RF	UDCon19	Combination	Max	X	0.00182	32	11.4	19.6	38.5
11F RF	UDCon19	Combination	Max	Y	0.002349	45	26.8	14.8	38.5
11F RF	UDCon19	Combination	Min	X	0.003006	6	20.5	19.6	38.5
11F RF	UDCon19	Combination	Min	Y	0.00208	45	26.8	14.8	38.5
11F RF	UDCon20	Combination	Max	X	0.001854	32	11.4	19.6	38.5
11F RF	UDCon20	Combination	Max	Y	0.002333	45	26.8	14.8	38.5
11F RF	UDCon20	Combination	Min	X	0.00304	6	20.5	19.6	38.5
11F RF	UDCon20	Combination	Min	Y	0.002064	45	26.8	14.8	38.5
10F RF	Dead	LinStatic		X	0.000979	6	20.5	19.6	35
10F RF	Dead	LinStatic		Y	0.000872	45	26.8	14.8	35
10F RF	Live	LinStatic		X	7.8E-05	6	20.5	19.6	35
10F RF	Live	LinStatic		Y	4.9E-05	47	26.8	10	35
10F RF	FF	LinStatic		X	0.000736	6	20.5	19.6	35

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
10F RF	FF	LinStatic		Y	0.000675	45	26.8	14.8	35
10F RF	PW	LinStatic		X	0.000679	6	20.5	19.6	35
10F RF	PW	LinStatic		Y	0.000631	45	26.8	14.8	35
10F RF	Earthquake+x	LinStatic		X	0.000739	6	20.5	19.6	35
10F RF	Earthquake+x	LinStatic		Y	0.000266	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		X	0.00011	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		Y	0.000757	38	3.75	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	X	0.00036	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Y	0.000108	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	X	0.000527	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Y	0.000175	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	X	0.00062	6	20.5	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Y	0.00019	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	X	0.000586	6	20.5	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Y	0.000158	33	3.75	19.6	35
10F RF	UDCon11	Combination		X	0.003232	6	20.5	19.6	35
10F RF	UDCon11	Combination		Y	0.00294	45	26.8	14.8	35
10F RF	UDCon12	Combination		X	0.003349	6	20.5	19.6	35
10F RF	UDCon12	Combination		Y	0.003014	45	26.8	14.8	35
10F RF	UDCon13	Combination	Max	X	0.002057	6	20.5	19.6	35
10F RF	UDCon13	Combination	Max	Y	0.002279	45	26.8	14.8	35
10F RF	UDCon13	Combination	Min	X	0.002944	6	20.5	19.6	35
10F RF	UDCon13	Combination	Min	Y	0.00206	47	26.8	10	35
10F RF	UDCon14	Combination	Max	X	0.001891	6	20.5	19.6	35
10F RF	UDCon14	Combination	Max	Y	0.002327	45	26.8	14.8	35
10F RF	UDCon14	Combination	Min	X	0.002778	6	20.5	19.6	35
10F RF	UDCon14	Combination	Min	Y	0.002106	47	26.8	10	35
10F RF	UDCon15	Combination	Max	X	0.001798	6	20.5	19.6	35
10F RF	UDCon15	Combination	Max	Y	0.002334	45	26.8	14.8	35
10F RF	UDCon15	Combination	Min	X	0.003003	6	20.5	19.6	35
10F RF	UDCon15	Combination	Min	Y	0.002069	47	26.8	10	35
10F RF	UDCon16	Combination	Max	X	0.001832	6	20.5	19.6	35
10F RF	UDCon16	Combination	Max	Y	0.002317	45	26.8	14.8	35
10F RF	UDCon16	Combination	Min	X	0.003037	6	20.5	19.6	35
10F RF	UDCon16	Combination	Min	Y	0.002052	47	26.8	10	35
10F RF	UDCon17	Combination	Max	X	0.002034	6	20.5	19.6	35
10F RF	UDCon17	Combination	Max	Y	0.002265	45	26.8	14.8	35
10F RF	UDCon17	Combination	Min	X	0.002921	6	20.5	19.6	35
10F RF	UDCon17	Combination	Min	Y	0.002045	47	26.8	10	35
10F RF	UDCon18	Combination	Max	X	0.001867	6	20.5	19.6	35
10F RF	UDCon18	Combination	Max	Y	0.002312	45	26.8	14.8	35
10F RF	UDCon18	Combination	Min	X	0.002754	6	20.5	19.6	35
10F RF	UDCon18	Combination	Min	Y	0.002092	47	26.8	10	35
10F RF	UDCon19	Combination	Max	X	0.001775	6	20.5	19.6	35
10F RF	UDCon19	Combination	Max	Y	0.002319	45	26.8	14.8	35

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
10F RF	UDCon19	Combination	Min	X	0.00298	6	20.5	19.6	35
10F RF	UDCon19	Combination	Min	Y	0.002054	47	26.8	10	35
10F RF	UDCon20	Combination	Max	X	0.001809	6	20.5	19.6	35
10F RF	UDCon20	Combination	Max	Y	0.002302	45	26.8	14.8	35
10F RF	UDCon20	Combination	Min	X	0.003014	6	20.5	19.6	35
10F RF	UDCon20	Combination	Min	Y	0.002037	47	26.8	10	35
9F RF	Dead	LinStatic		X	0.000962	6	20.5	19.6	31.5
9F RF	Dead	LinStatic		Y	0.000856	47	26.8	10	31.5
9F RF	Live	LinStatic		X	7.5E-05	6	20.5	19.6	31.5
9F RF	Live	LinStatic		Y	4.8E-05	47	26.8	10	31.5
9F RF	FF	LinStatic		X	0.000725	6	20.5	19.6	31.5
9F RF	FF	LinStatic		Y	0.000663	45	26.8	14.8	31.5
9F RF	PW	LinStatic		X	0.000669	6	20.5	19.6	31.5
9F RF	PW	LinStatic		Y	0.000621	45	26.8	14.8	31.5
9F RF	Earthquake+x	LinStatic		X	0.000739	6	20.5	19.6	31.5
9F RF	Earthquake+x	LinStatic		Y	0.000259	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		X	0.00011	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Y	0.000747	38	3.75	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	X	0.000363	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Y	0.000105	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	X	0.000529	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Y	0.000171	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	X	0.000623	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Y	0.000185	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	X	0.00059	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Y	0.000154	33	3.75	19.6	31.5
9F RF	UDCon11	Combination		X	0.003181	6	20.5	19.6	31.5
9F RF	UDCon11	Combination		Y	0.002889	45	26.8	14.8	31.5
9F RF	UDCon12	Combination		X	0.003294	6	20.5	19.6	31.5
9F RF	UDCon12	Combination		Y	0.00296	45	26.8	14.8	31.5
9F RF	UDCon13	Combination	Max	X	0.002016	6	20.5	19.6	31.5
9F RF	UDCon13	Combination	Max	Y	0.002238	45	26.8	14.8	31.5
9F RF	UDCon13	Combination	Min	X	0.002908	6	20.5	19.6	31.5
9F RF	UDCon13	Combination	Min	Y	0.002024	47	26.8	10	31.5
9F RF	UDCon14	Combination	Max	X	0.001849	6	20.5	19.6	31.5
9F RF	UDCon14	Combination	Max	Y	0.002285	45	26.8	14.8	31.5
9F RF	UDCon14	Combination	Min	X	0.002741	6	20.5	19.6	31.5
9F RF	UDCon14	Combination	Min	Y	0.002071	47	26.8	10	31.5
9F RF	UDCon15	Combination	Max	X	0.001755	6	20.5	19.6	31.5
9F RF	UDCon15	Combination	Max	Y	0.002293	45	26.8	14.8	31.5
9F RF	UDCon15	Combination	Min	X	0.002968	6	20.5	19.6	31.5
9F RF	UDCon15	Combination	Min	Y	0.002034	47	26.8	10	31.5
9F RF	UDCon16	Combination	Max	X	0.001789	6	20.5	19.6	31.5
9F RF	UDCon16	Combination	Max	Y	0.002275	45	26.8	14.8	31.5
9F RF	UDCon16	Combination	Min	X	0.003002	6	20.5	19.6	31.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
9F RF	UDCon16	Combination	Min	Y	0.002016	47	26.8	10	31.5
9F RF	UDCon17	Combination	Max	X	0.001993	6	20.5	19.6	31.5
9F RF	UDCon17	Combination	Max	Y	0.002224	45	26.8	14.8	31.5
9F RF	UDCon17	Combination	Min	X	0.002885	6	20.5	19.6	31.5
9F RF	UDCon17	Combination	Min	Y	0.00201	47	26.8	10	31.5
9F RF	UDCon18	Combination	Max	X	0.001827	6	20.5	19.6	31.5
9F RF	UDCon18	Combination	Max	Y	0.002271	45	26.8	14.8	31.5
9F RF	UDCon18	Combination	Min	X	0.002719	6	20.5	19.6	31.5
9F RF	UDCon18	Combination	Min	Y	0.002057	47	26.8	10	31.5
9F RF	UDCon19	Combination	Max	X	0.001733	6	20.5	19.6	31.5
9F RF	UDCon19	Combination	Max	Y	0.002279	45	26.8	14.8	31.5
9F RF	UDCon19	Combination	Min	X	0.002946	6	20.5	19.6	31.5
9F RF	UDCon19	Combination	Min	Y	0.00202	47	26.8	10	31.5
9F RF	UDCon20	Combination	Max	X	0.001766	6	20.5	19.6	31.5
9F RF	UDCon20	Combination	Max	Y	0.002261	45	26.8	14.8	31.5
9F RF	UDCon20	Combination	Min	X	0.002979	6	20.5	19.6	31.5
9F RF	UDCon20	Combination	Min	Y	0.002002	47	26.8	10	31.5
8F RF	Dead	LinStatic		X	0.000943	6	20.5	19.6	28
8F RF	Dead	LinStatic		Y	0.000835	47	26.8	10	28
8F RF	Live	LinStatic		X	7.3E-05	6	20.5	19.6	28
8F RF	Live	LinStatic		Y	4.6E-05	47	26.8	10	28
8F RF	FF	LinStatic		X	0.000714	6	20.5	19.6	28
8F RF	FF	LinStatic		Y	0.000649	45	26.8	14.8	28
8F RF	PW	LinStatic		X	0.00066	6	20.5	19.6	28
8F RF	PW	LinStatic		Y	0.000608	45	26.8	14.8	28
8F RF	Earthquake+x	LinStatic		X	0.000731	6	20.5	19.6	28
8F RF	Earthquake+x	LinStatic		Y	0.000251	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		X	0.00011	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Y	0.000733	38	3.75	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	X	0.000363	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Y	0.000101	39	3.75	10	28
8F RF	TH-X Load Case	LinModHist	Min	X	0.000527	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Y	0.000165	39	3.75	10	28
8F RF	TH-Y Load Case	LinModHist	Max	X	0.000621	6	20.5	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Y	0.000178	39	3.75	10	28
8F RF	TH-Y Load Case	LinModHist	Min	X	0.000589	6	20.5	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Y	0.000148	33	3.75	19.6	28
8F RF	UDCon11	Combination		X	0.003128	6	20.5	19.6	28
8F RF	UDCon11	Combination		Y	0.002824	45	26.8	14.8	28
8F RF	UDCon12	Combination		X	0.003238	6	20.5	19.6	28
8F RF	UDCon12	Combination		Y	0.002893	47	26.8	10	28
8F RF	UDCon13	Combination	Max	X	0.001976	6	20.5	19.6	28
8F RF	UDCon13	Combination	Max	Y	0.002186	45	26.8	14.8	28
8F RF	UDCon13	Combination	Min	X	0.002866	6	20.5	19.6	28
8F RF	UDCon13	Combination	Min	Y	0.00198	47	26.8	10	28

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
8F RF	UDCon14	Combination	Max	X	0.001812	6	20.5	19.6	28
8F RF	UDCon14	Combination	Max	Y	0.002233	45	26.8	14.8	28
8F RF	UDCon14	Combination	Min	X	0.002702	6	20.5	19.6	28
8F RF	UDCon14	Combination	Min	Y	0.002026	47	26.8	10	28
8F RF	UDCon15	Combination	Max	X	0.001718	6	20.5	19.6	28
8F RF	UDCon15	Combination	Max	Y	0.002241	45	26.8	14.8	28
8F RF	UDCon15	Combination	Min	X	0.002928	6	20.5	19.6	28
8F RF	UDCon15	Combination	Min	Y	0.001991	47	26.8	10	28
8F RF	UDCon16	Combination	Max	X	0.00175	6	20.5	19.6	28
8F RF	UDCon16	Combination	Max	Y	0.002223	45	26.8	14.8	28
8F RF	UDCon16	Combination	Min	X	0.00296	6	20.5	19.6	28
8F RF	UDCon16	Combination	Min	Y	0.001972	47	26.8	10	28
8F RF	UDCon17	Combination	Max	X	0.001954	6	20.5	19.6	28
8F RF	UDCon17	Combination	Max	Y	0.002172	45	26.8	14.8	28
8F RF	UDCon17	Combination	Min	X	0.002844	6	20.5	19.6	28
8F RF	UDCon17	Combination	Min	Y	0.001966	47	26.8	10	28
8F RF	UDCon18	Combination	Max	X	0.00179	6	20.5	19.6	28
8F RF	UDCon18	Combination	Max	Y	0.00222	45	26.8	14.8	28
8F RF	UDCon18	Combination	Min	X	0.00268	6	20.5	19.6	28
8F RF	UDCon18	Combination	Min	Y	0.002012	47	26.8	10	28
8F RF	UDCon19	Combination	Max	X	0.001696	6	20.5	19.6	28
8F RF	UDCon19	Combination	Max	Y	0.002227	45	26.8	14.8	28
8F RF	UDCon19	Combination	Min	X	0.002906	6	20.5	19.6	28
8F RF	UDCon19	Combination	Min	Y	0.001977	47	26.8	10	28
8F RF	UDCon20	Combination	Max	X	0.001728	6	20.5	19.6	28
8F RF	UDCon20	Combination	Max	Y	0.002209	45	26.8	14.8	28
8F RF	UDCon20	Combination	Min	X	0.002938	6	20.5	19.6	28
8F RF	UDCon20	Combination	Min	Y	0.001958	47	26.8	10	28
7F RF	Dead	LinStatic		X	0.000927	6	20.5	19.6	24.5
7F RF	Dead	LinStatic		Y	0.000811	47	26.8	10	24.5
7F RF	Live	LinStatic		X	7.1E-05	6	20.5	19.6	24.5
7F RF	Live	LinStatic		Y	4.5E-05	47	26.8	10	24.5
7F RF	FF	LinStatic		X	0.000705	6	20.5	19.6	24.5
7F RF	FF	LinStatic		Y	0.000632	47	26.8	10	24.5
7F RF	PW	LinStatic		X	0.000653	6	20.5	19.6	24.5
7F RF	PW	LinStatic		Y	0.000592	47	26.8	10	24.5
7F RF	Earthquake+x	LinStatic		X	0.000715	6	20.5	19.6	24.5
7F RF	Earthquake+x	LinStatic		Y	0.000242	39	3.75	10	24.5
7F RF	Earthquake+y	LinStatic		X	0.000112	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Y	0.000715	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	X	0.000358	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Y	9.7E-05	39	3.75	10	24.5
7F RF	TH-X Load Case	LinModHist	Min	X	0.000519	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Y	0.000158	39	3.75	10	24.5
7F RF	TH-Y Load Case	LinModHist	Max	X	0.000613	6	20.5	19.6	24.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
7F RF	TH-Y Load Case	LinModHist	Max	Y	0.00017	39	3.75	10	24.5
7F RF	TH-Y Load Case	LinModHist	Min	X	0.000582	6	20.5	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Y	0.000141	39	3.75	10	24.5
7F RF	UDCon11	Combination		X	0.003084	6	20.5	19.6	24.5
7F RF	UDCon11	Combination		Y	0.002748	47	26.8	10	24.5
7F RF	UDCon12	Combination		X	0.00319	6	20.5	19.6	24.5
7F RF	UDCon12	Combination		Y	0.002815	47	26.8	10	24.5
7F RF	UDCon13	Combination	Max	X	0.001947	6	20.5	19.6	24.5
7F RF	UDCon13	Combination	Max	Y	0.002124	47	26.8	10	24.5
7F RF	UDCon13	Combination	Min	X	0.002824	6	20.5	19.6	24.5
7F RF	UDCon13	Combination	Min	Y	0.001928	47	26.8	10	24.5
7F RF	UDCon14	Combination	Max	X	0.001786	6	20.5	19.6	24.5
7F RF	UDCon14	Combination	Max	Y	0.00217	45	26.8	14.8	24.5
7F RF	UDCon14	Combination	Min	X	0.002664	6	20.5	19.6	24.5
7F RF	UDCon14	Combination	Min	Y	0.001974	47	26.8	10	24.5
7F RF	UDCon15	Combination	Max	X	0.001693	6	20.5	19.6	24.5
7F RF	UDCon15	Combination	Max	Y	0.002178	47	26.8	10	24.5
7F RF	UDCon15	Combination	Min	X	0.002887	6	20.5	19.6	24.5
7F RF	UDCon15	Combination	Min	Y	0.00194	47	26.8	10	24.5
7F RF	UDCon16	Combination	Max	X	0.001723	6	20.5	19.6	24.5
7F RF	UDCon16	Combination	Max	Y	0.002158	45	26.8	14.8	24.5
7F RF	UDCon16	Combination	Min	X	0.002918	6	20.5	19.6	24.5
7F RF	UDCon16	Combination	Min	Y	0.00192	47	26.8	10	24.5
7F RF	UDCon17	Combination	Max	X	0.001926	6	20.5	19.6	24.5
7F RF	UDCon17	Combination	Max	Y	0.00211	47	26.8	10	24.5
7F RF	UDCon17	Combination	Min	X	0.002803	6	20.5	19.6	24.5
7F RF	UDCon17	Combination	Min	Y	0.001915	47	26.8	10	24.5
7F RF	UDCon18	Combination	Max	X	0.001765	6	20.5	19.6	24.5
7F RF	UDCon18	Combination	Max	Y	0.002157	45	26.8	14.8	24.5
7F RF	UDCon18	Combination	Min	X	0.002643	6	20.5	19.6	24.5
7F RF	UDCon18	Combination	Min	Y	0.001961	47	26.8	10	24.5
7F RF	UDCon19	Combination	Max	X	0.001671	6	20.5	19.6	24.5
7F RF	UDCon19	Combination	Max	Y	0.002165	47	26.8	10	24.5
7F RF	UDCon19	Combination	Min	X	0.002866	6	20.5	19.6	24.5
7F RF	UDCon19	Combination	Min	Y	0.001927	47	26.8	10	24.5
7F RF	UDCon20	Combination	Max	X	0.001702	6	20.5	19.6	24.5
7F RF	UDCon20	Combination	Max	Y	0.002145	45	26.8	14.8	24.5
7F RF	UDCon20	Combination	Min	X	0.002897	6	20.5	19.6	24.5
7F RF	UDCon20	Combination	Min	Y	0.001906	47	26.8	10	24.5
6F RF	Dead	LinStatic		X	0.000915	6	20.5	19.6	21
6F RF	Dead	LinStatic		Y	0.000785	47	26.8	10	21
6F RF	Live	LinStatic		X	6.8E-05	6	20.5	19.6	21
6F RF	Live	LinStatic		Y	4.3E-05	47	26.8	10	21
6F RF	FF	LinStatic		X	0.0007	6	20.5	19.6	21
6F RF	FF	LinStatic		Y	0.000613	47	26.8	10	21

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
6F RF	PW	LinStatic		X	0.00065	6	20.5	19.6	21
6F RF	PW	LinStatic		Y	0.000576	47	26.8	10	21
6F RF	Earthquake+x	LinStatic		X	0.000689	6	20.5	19.6	21
6F RF	Earthquake+x	LinStatic		Y	0.00023	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		X	0.000113	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Y	0.000698	50	22.6	5	21
6F RF	TH-X Load Case	LinModHist	Max	X	0.000349	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Y	9.1E-05	39	3.75	10	21
6F RF	TH-X Load Case	LinModHist	Min	X	0.000504	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Y	0.000149	39	3.75	10	21
6F RF	TH-Y Load Case	LinModHist	Max	X	0.000596	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Y	0.000161	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	X	0.000567	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Y	0.000134	33	3.75	19.6	21
6F RF	UDCon11	Combination		X	0.003057	6	20.5	19.6	21
6F RF	UDCon11	Combination		Y	0.002664	47	26.8	10	21
6F RF	UDCon12	Combination		X	0.003159	6	20.5	19.6	21
6F RF	UDCon12	Combination		Y	0.002728	47	26.8	10	21
6F RF	UDCon13	Combination	Max	X	0.001935	6	20.5	19.6	21
6F RF	UDCon13	Combination	Max	Y	0.002055	47	26.8	10	21
6F RF	UDCon13	Combination	Min	X	0.002789	6	20.5	19.6	21
6F RF	UDCon13	Combination	Min	Y	0.001871	47	26.8	10	21
6F RF	UDCon14	Combination	Max	X	0.001781	6	20.5	19.6	21
6F RF	UDCon14	Combination	Max	Y	0.002102	45	26.8	14.8	21
6F RF	UDCon14	Combination	Min	X	0.002634	6	20.5	19.6	21
6F RF	UDCon14	Combination	Min	Y	0.001917	47	26.8	10	21
6F RF	UDCon15	Combination	Max	X	0.001689	6	20.5	19.6	21
6F RF	UDCon15	Combination	Max	Y	0.002111	45	26.8	14.8	21
6F RF	UDCon15	Combination	Min	X	0.002852	6	20.5	19.6	21
6F RF	UDCon15	Combination	Min	Y	0.001885	47	26.8	10	21
6F RF	UDCon16	Combination	Max	X	0.001717	6	20.5	19.6	21
6F RF	UDCon16	Combination	Max	Y	0.002088	45	26.8	14.8	21
6F RF	UDCon16	Combination	Min	X	0.002881	6	20.5	19.6	21
6F RF	UDCon16	Combination	Min	Y	0.001862	47	26.8	10	21
6F RF	UDCon17	Combination	Max	X	0.001915	6	20.5	19.6	21
6F RF	UDCon17	Combination	Max	Y	0.002042	47	26.8	10	21
6F RF	UDCon17	Combination	Min	X	0.002768	6	20.5	19.6	21
6F RF	UDCon17	Combination	Min	Y	0.001859	47	26.8	10	21
6F RF	UDCon18	Combination	Max	X	0.00176	6	20.5	19.6	21
6F RF	UDCon18	Combination	Max	Y	0.002089	45	26.8	14.8	21
6F RF	UDCon18	Combination	Min	X	0.002614	6	20.5	19.6	21
6F RF	UDCon18	Combination	Min	Y	0.001905	47	26.8	10	21
6F RF	UDCon19	Combination	Max	X	0.001668	6	20.5	19.6	21
6F RF	UDCon19	Combination	Max	Y	0.002098	45	26.8	14.8	21
6F RF	UDCon19	Combination	Min	X	0.002832	6	20.5	19.6	21

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
6F RF	UDCon19	Combination	Min	Y	0.001872	47	26.8	10	21
6F RF	UDCon20	Combination	Max	X	0.001697	6	20.5	19.6	21
6F RF	UDCon20	Combination	Max	Y	0.002075	45	26.8	14.8	21
6F RF	UDCon20	Combination	Min	X	0.00286	6	20.5	19.6	21
6F RF	UDCon20	Combination	Min	Y	0.00185	47	26.8	10	21
5F RF	Dead	LinStatic		X	0.000902	6	20.5	19.6	17.5
5F RF	Dead	LinStatic		Y	0.000758	47	26.8	10	17.5
5F RF	Live	LinStatic		X	6.6E-05	6	20.5	19.6	17.5
5F RF	Live	LinStatic		Y	4.1E-05	47	26.8	10	17.5
5F RF	FF	LinStatic		X	0.000694	6	20.5	19.6	17.5
5F RF	FF	LinStatic		Y	0.000594	47	26.8	10	17.5
5F RF	PW	LinStatic		X	0.000646	6	20.5	19.6	17.5
5F RF	PW	LinStatic		Y	0.000558	47	26.8	10	17.5
5F RF	Earthquake+x	LinStatic		X	0.000654	6	20.5	19.6	17.5
5F RF	Earthquake+x	LinStatic		Y	0.000219	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		X	0.000112	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		Y	0.000669	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	X	0.000336	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Y	8.6E-05	33	3.75	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	X	0.000482	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Y	0.000141	33	3.75	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	X	0.000572	6	20.5	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Y	0.000152	33	3.75	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	X	0.000546	6	20.5	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Y	0.000127	33	3.75	19.6	17.5
5F RF	UDCon11	Combination		X	0.003027	6	20.5	19.6	17.5
5F RF	UDCon11	Combination		Y	0.002578	47	26.8	10	17.5
5F RF	UDCon12	Combination		X	0.003126	6	20.5	19.6	17.5
5F RF	UDCon12	Combination		Y	0.002639	47	26.8	10	17.5
5F RF	UDCon13	Combination	Max	X	0.001926	6	20.5	19.6	17.5
5F RF	UDCon13	Combination	Max	Y	0.001983	47	26.8	10	17.5
5F RF	UDCon13	Combination	Min	X	0.002745	6	20.5	19.6	17.5
5F RF	UDCon13	Combination	Min	Y	0.001815	47	26.8	10	17.5
5F RF	UDCon14	Combination	Max	X	0.00178	6	20.5	19.6	17.5
5F RF	UDCon14	Combination	Max	Y	0.002029	47	26.8	10	17.5
5F RF	UDCon14	Combination	Min	X	0.002598	6	20.5	19.6	17.5
5F RF	UDCon14	Combination	Min	Y	0.001861	47	26.8	10	17.5
5F RF	UDCon15	Combination	Max	X	0.00169	6	20.5	19.6	17.5
5F RF	UDCon15	Combination	Max	Y	0.002039	47	26.8	10	17.5
5F RF	UDCon15	Combination	Min	X	0.002808	6	20.5	19.6	17.5
5F RF	UDCon15	Combination	Min	Y	0.00183	47	26.8	10	17.5
5F RF	UDCon16	Combination	Max	X	0.001717	6	20.5	19.6	17.5
5F RF	UDCon16	Combination	Max	Y	0.002013	47	26.8	10	17.5
5F RF	UDCon16	Combination	Min	X	0.002834	6	20.5	19.6	17.5
5F RF	UDCon16	Combination	Min	Y	0.001805	47	26.8	10	17.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
5F RF	UDCon17	Combination	Max	X	0.001906	6	20.5	19.6	17.5
5F RF	UDCon17	Combination	Max	Y	0.001971	47	26.8	10	17.5
5F RF	UDCon17	Combination	Min	X	0.002725	6	20.5	19.6	17.5
5F RF	UDCon17	Combination	Min	Y	0.001803	47	26.8	10	17.5
5F RF	UDCon18	Combination	Max	X	0.00176	6	20.5	19.6	17.5
5F RF	UDCon18	Combination	Max	Y	0.002017	47	26.8	10	17.5
5F RF	UDCon18	Combination	Min	X	0.002579	6	20.5	19.6	17.5
5F RF	UDCon18	Combination	Min	Y	0.001848	47	26.8	10	17.5
5F RF	UDCon19	Combination	Max	X	0.00167	6	20.5	19.6	17.5
5F RF	UDCon19	Combination	Max	Y	0.002027	47	26.8	10	17.5
5F RF	UDCon19	Combination	Min	X	0.002788	6	20.5	19.6	17.5
5F RF	UDCon19	Combination	Min	Y	0.001818	47	26.8	10	17.5
5F RF	UDCon20	Combination	Max	X	0.001697	6	20.5	19.6	17.5
5F RF	UDCon20	Combination	Max	Y	0.002001	47	26.8	10	17.5
5F RF	UDCon20	Combination	Min	X	0.002815	6	20.5	19.6	17.5
5F RF	UDCon20	Combination	Min	Y	0.001793	47	26.8	10	17.5
4F RF	Dead	LinStatic		X	0.000904	6	20.5	19.6	14
4F RF	Dead	LinStatic		Y	0.000775	43	26.8	5	14
4F RF	Live	LinStatic		X	6.4E-05	6	20.5	19.6	14
4F RF	Live	LinStatic		Y	4E-05	43	26.8	5	14
4F RF	FF	LinStatic		X	0.000701	6	20.5	19.6	14
4F RF	FF	LinStatic		Y	0.000614	43	26.8	5	14
4F RF	PW	LinStatic		X	0.000654	6	20.5	19.6	14
4F RF	PW	LinStatic		Y	0.00058	43	26.8	5	14
4F RF	Earthquake+x	LinStatic		X	0.000603	6	20.5	19.6	14
4F RF	Earthquake+x	LinStatic		Y	0.000206	33	3.75	19.6	14
4F RF	Earthquake+y	LinStatic		X	0.000107	26	11.4	5	14
4F RF	Earthquake+y	LinStatic		Y	0.000667	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	X	0.000315	6	20.5	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Y	8E-05	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	X	0.00045	6	20.5	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Y	0.000132	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	X	0.000535	6	20.5	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Y	0.000141	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	X	0.000511	6	20.5	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Y	0.000118	33	3.75	19.6	14
4F RF	UDCon11	Combination		X	0.00305	6	20.5	19.6	14
4F RF	UDCon11	Combination		Y	0.002659	43	26.8	5	14
4F RF	UDCon12	Combination		X	0.003146	6	20.5	19.6	14
4F RF	UDCon12	Combination		Y	0.002719	43	26.8	5	14
4F RF	UDCon13	Combination	Max	X	0.001963	6	20.5	19.6	14
4F RF	UDCon13	Combination	Max	Y	0.002018	43	26.8	5	14
4F RF	UDCon13	Combination	Min	X	0.002728	6	20.5	19.6	14
4F RF	UDCon13	Combination	Min	Y	0.001897	43	26.8	5	14
4F RF	UDCon14	Combination	Max	X	0.001829	6	20.5	19.6	14

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
4F RF	UDCon14	Combination	Max	Y	0.002066	43	26.8	5	14
4F RF	UDCon14	Combination	Min	X	0.002593	6	20.5	19.6	14
4F RF	UDCon14	Combination	Min	Y	0.001945	43	26.8	5	14
4F RF	UDCon15	Combination	Max	X	0.001744	6	20.5	19.6	14
4F RF	UDCon15	Combination	Max	Y	0.00208	43	26.8	5	14
4F RF	UDCon15	Combination	Min	X	0.002789	6	20.5	19.6	14
4F RF	UDCon15	Combination	Min	Y	0.001922	43	26.8	5	14
4F RF	UDCon16	Combination	Max	X	0.001767	6	20.5	19.6	14
4F RF	UDCon16	Combination	Max	Y	0.002041	43	26.8	5	14
4F RF	UDCon16	Combination	Min	X	0.002813	6	20.5	19.6	14
4F RF	UDCon16	Combination	Min	Y	0.001883	43	26.8	5	14
4F RF	UDCon17	Combination	Max	X	0.001944	6	20.5	19.6	14
4F RF	UDCon17	Combination	Max	Y	0.002006	43	26.8	5	14
4F RF	UDCon17	Combination	Min	X	0.002709	6	20.5	19.6	14
4F RF	UDCon17	Combination	Min	Y	0.001885	43	26.8	5	14
4F RF	UDCon18	Combination	Max	X	0.001809	6	20.5	19.6	14
4F RF	UDCon18	Combination	Max	Y	0.002054	43	26.8	5	14
4F RF	UDCon18	Combination	Min	X	0.002574	6	20.5	19.6	14
4F RF	UDCon18	Combination	Min	Y	0.001933	43	26.8	5	14
4F RF	UDCon19	Combination	Max	X	0.001724	6	20.5	19.6	14
4F RF	UDCon19	Combination	Max	Y	0.002068	43	26.8	5	14
4F RF	UDCon19	Combination	Min	X	0.00277	6	20.5	19.6	14
4F RF	UDCon19	Combination	Min	Y	0.00191	43	26.8	5	14
4F RF	UDCon20	Combination	Max	X	0.001748	6	20.5	19.6	14
4F RF	UDCon20	Combination	Max	Y	0.002029	43	26.8	5	14
4F RF	UDCon20	Combination	Min	X	0.002794	6	20.5	19.6	14
4F RF	UDCon20	Combination	Min	Y	0.001871	43	26.8	5	14
3F RF	Dead	LinStatic		X	0.000931	6	20.5	19.6	10.5
3F RF	Dead	LinStatic		Y	0.00073	48	26.8	12	10.5
3F RF	Live	LinStatic		X	6.3E-05	6	20.5	19.6	10.5
3F RF	Live	LinStatic		Y	3.7E-05	48	26.8	12	10.5
3F RF	FF	LinStatic		X	0.000729	6	20.5	19.6	10.5
3F RF	FF	LinStatic		Y	0.000579	42	24.7	5	10.5
3F RF	PW	LinStatic		X	0.000684	6	20.5	19.6	10.5
3F RF	PW	LinStatic		Y	0.000547	42	24.7	5	10.5
3F RF	Earthquake+x	LinStatic		X	0.000541	11	7	19.6	10.5
3F RF	Earthquake+x	LinStatic		Y	0.000188	39	3.75	10	10.5
3F RF	Earthquake+y	LinStatic		X	0.000114	40	3.75	5	10.5
3F RF	Earthquake+y	LinStatic		Y	0.000616	42	24.7	5	10.5
3F RF	TH-X Load Case	LinModHist	Max	X	0.000291	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Y	7.3E-05	39	3.75	10	10.5
3F RF	TH-X Load Case	LinModHist	Min	X	0.000409	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Y	0.000119	39	3.75	10	10.5
3F RF	TH-Y Load Case	LinModHist	Max	X	0.000489	11	7	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Y	0.000127	39	3.75	10	10.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
3F RF	TH-Y Load Case	LinModHist	Min	X	0.000468	11	7	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Y	0.000104	39	3.75	10	10.5
3F RF	UDCon11	Combination		X	0.003164	6	20.5	19.6	10.5
3F RF	UDCon11	Combination		Y	0.002503	48	26.8	12	10.5
3F RF	UDCon12	Combination		X	0.003258	6	20.5	19.6	10.5
3F RF	UDCon12	Combination		Y	0.002559	48	26.8	12	10.5
3F RF	UDCon13	Combination	Max	X	0.002079	6	20.5	19.6	10.5
3F RF	UDCon13	Combination	Max	Y	0.001904	48	26.8	12	10.5
3F RF	UDCon13	Combination	Min	X	0.002769	6	20.5	19.6	10.5
3F RF	UDCon13	Combination	Min	Y	0.001786	51	24.7	8.8	10.5
3F RF	UDCon14	Combination	Max	X	0.001955	6	20.5	19.6	10.5
3F RF	UDCon14	Combination	Max	Y	0.001949	48	26.8	12	10.5
3F RF	UDCon14	Combination	Min	X	0.002646	6	20.5	19.6	10.5
3F RF	UDCon14	Combination	Min	Y	0.001836	42	24.7	5	10.5
3F RF	UDCon15	Combination	Max	X	0.001877	6	20.5	19.6	10.5
3F RF	UDCon15	Combination	Max	Y	0.001962	48	26.8	12	10.5
3F RF	UDCon15	Combination	Min	X	0.002828	6	20.5	19.6	10.5
3F RF	UDCon15	Combination	Min	Y	0.001817	51	24.7	8.8	10.5
3F RF	UDCon16	Combination	Max	X	0.001897	6	20.5	19.6	10.5
3F RF	UDCon16	Combination	Max	Y	0.001927	48	26.8	12	10.5
3F RF	UDCon16	Combination	Min	X	0.002847	6	20.5	19.6	10.5
3F RF	UDCon16	Combination	Min	Y	0.00177	51	24.7	8.8	10.5
3F RF	UDCon17	Combination	Max	X	0.00206	6	20.5	19.6	10.5
3F RF	UDCon17	Combination	Max	Y	0.001892	48	26.8	12	10.5
3F RF	UDCon17	Combination	Min	X	0.002751	6	20.5	19.6	10.5
3F RF	UDCon17	Combination	Min	Y	0.001775	51	24.7	8.8	10.5
3F RF	UDCon18	Combination	Max	X	0.001936	6	20.5	19.6	10.5
3F RF	UDCon18	Combination	Max	Y	0.001938	48	26.8	12	10.5
3F RF	UDCon18	Combination	Min	X	0.002627	6	20.5	19.6	10.5
3F RF	UDCon18	Combination	Min	Y	0.001825	42	24.7	5	10.5
3F RF	UDCon19	Combination	Max	X	0.001858	6	20.5	19.6	10.5
3F RF	UDCon19	Combination	Max	Y	0.001951	48	26.8	12	10.5
3F RF	UDCon19	Combination	Min	X	0.002809	6	20.5	19.6	10.5
3F RF	UDCon19	Combination	Min	Y	0.001806	51	24.7	8.8	10.5
3F RF	UDCon20	Combination	Max	X	0.001878	6	20.5	19.6	10.5
3F RF	UDCon20	Combination	Max	Y	0.001916	48	26.8	12	10.5
3F RF	UDCon20	Combination	Min	X	0.002829	6	20.5	19.6	10.5
3F RF	UDCon20	Combination	Min	Y	0.001758	51	24.7	8.8	10.5
2F RF	Dead	LinStatic		X	0.001037	45	26.8	14.8	7
2F RF	Dead	LinStatic		Y	0.001644	43	26.8	5	7
2F RF	Live	LinStatic		X	6.5E-05	45	26.8	14.8	7
2F RF	Live	LinStatic		Y	7.1E-05	43	26.8	5	7
2F RF	FF	LinStatic		X	0.000828	45	26.8	14.8	7
2F RF	FF	LinStatic		Y	0.001354	43	26.8	5	7
2F RF	PW	LinStatic		X	0.000781	45	26.8	14.8	7

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
2F RF	PW	LinStatic		Y	0.0013	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		X	0.000493	38	3.75	14.8	7
2F RF	Earthquake+x	LinStatic		Y	0.000203	40	3.75	5	7
2F RF	Earthquake+y	LinStatic		X	0.000207	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Y	0.000769	27	17.9	5	7
2F RF	TH-X Load Case	LinModHist	Max	X	0.000321	52	22.6	8.8	7
2F RF	TH-X Load Case	LinModHist	Max	Y	7.8E-05	40	3.75	5	7
2F RF	TH-X Load Case	LinModHist	Min	X	0.000391	29	20.5	10	7
2F RF	TH-X Load Case	LinModHist	Min	Y	0.000129	50	22.6	5	7
2F RF	TH-Y Load Case	LinModHist	Max	X	0.000476	29	20.5	10	7
2F RF	TH-Y Load Case	LinModHist	Max	Y	0.000157	57	22.6	5.35	7
2F RF	TH-Y Load Case	LinModHist	Min	X	0.000459	29	20.5	10	7
2F RF	TH-Y Load Case	LinModHist	Min	Y	0.000128	43	26.8	5	7
2F RF	UDCon11	Combination		X	0.003571	45	26.8	14.8	7
2F RF	UDCon11	Combination		Y	0.005803	43	26.8	5	7
2F RF	UDCon12	Combination		X	0.003669	45	26.8	14.8	7
2F RF	UDCon12	Combination		Y	0.00591	43	26.8	5	7
2F RF	UDCon13	Combination	Max	X	0.002437	45	26.8	14.8	7
2F RF	UDCon13	Combination	Max	Y	0.004395	43	26.8	5	7
2F RF	UDCon13	Combination	Min	X	0.002966	45	26.8	14.8	7
2F RF	UDCon13	Combination	Min	Y	0.004199	43	26.8	5	7
2F RF	UDCon14	Combination	Max	X	0.002364	45	26.8	14.8	7
2F RF	UDCon14	Combination	Max	Y	0.004442	43	26.8	5	7
2F RF	UDCon14	Combination	Min	X	0.002893	45	26.8	14.8	7
2F RF	UDCon14	Combination	Min	Y	0.004246	43	26.8	5	7
2F RF	UDCon15	Combination	Max	X	0.002302	45	26.8	14.8	7
2F RF	UDCon15	Combination	Max	Y	0.004461	43	26.8	5	7
2F RF	UDCon15	Combination	Min	X	0.003014	45	26.8	14.8	7
2F RF	UDCon15	Combination	Min	Y	0.004192	43	26.8	5	7
2F RF	UDCon16	Combination	Max	X	0.002316	45	26.8	14.8	7
2F RF	UDCon16	Combination	Max	Y	0.004449	43	26.8	5	7
2F RF	UDCon16	Combination	Min	X	0.003028	45	26.8	14.8	7
2F RF	UDCon16	Combination	Min	Y	0.004179	43	26.8	5	7
2F RF	UDCon17	Combination	Max	X	0.002417	45	26.8	14.8	7
2F RF	UDCon17	Combination	Max	Y	0.004373	43	26.8	5	7
2F RF	UDCon17	Combination	Min	X	0.002946	45	26.8	14.8	7
2F RF	UDCon17	Combination	Min	Y	0.004177	43	26.8	5	7
2F RF	UDCon18	Combination	Max	X	0.002344	45	26.8	14.8	7
2F RF	UDCon18	Combination	Max	Y	0.00442	43	26.8	5	7
2F RF	UDCon18	Combination	Min	X	0.002873	45	26.8	14.8	7
2F RF	UDCon18	Combination	Min	Y	0.004224	43	26.8	5	7
2F RF	UDCon19	Combination	Max	X	0.002282	45	26.8	14.8	7
2F RF	UDCon19	Combination	Max	Y	0.00444	43	26.8	5	7
2F RF	UDCon19	Combination	Min	X	0.002994	45	26.8	14.8	7
2F RF	UDCon19	Combination	Min	Y	0.004171	43	26.8	5	7

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
2F RF	UDCon20	Combination	Max	X	0.002296	45	26.8	14.8	7
2F RF	UDCon20	Combination	Max	Y	0.004427	43	26.8	5	7
2F RF	UDCon20	Combination	Min	X	0.003008	45	26.8	14.8	7
2F RF	UDCon20	Combination	Min	Y	0.004158	43	26.8	5	7
1F RF	Dead	LinStatic		X	0.001595	32	11.4	19.6	3.5
1F RF	Dead	LinStatic		Y	0.002278	55	22.6	8.45	3.5
1F RF	Live	LinStatic		X	0.00026	39	3.75	10	3.5
1F RF	Live	LinStatic		Y	0.000169	26	11.4	5	3.5
1F RF	FF	LinStatic		X	0.00129	32	11.4	19.6	3.5
1F RF	FF	LinStatic		Y	0.001852	55	22.6	8.45	3.5
1F RF	PW	LinStatic		X	0.001213	32	11.4	19.6	3.5
1F RF	PW	LinStatic		Y	0.001767	55	22.6	8.45	3.5
1F RF	Earthquake+x	LinStatic		X	0.026544	57	22.6	5.35	3.5
1F RF	Earthquake+x	LinStatic		Y	0.005949	34	11.4	14.8	3.5
1F RF	Earthquake+y	LinStatic		X	0.011959	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Y	0.024582	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	X	0.025446	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Y	0.002509	35	11.4	10	3.5
1F RF	TH-X Load Case	LinModHist	Min	X	0.026996	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Y	0.006442	35	11.4	10	3.5
1F RF	TH-Y Load Case	LinModHist	Max	X	0.032605	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Y	0.008569	35	11.4	10	3.5
1F RF	TH-Y Load Case	LinModHist	Min	X	0.03073	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Y	0.003713	35	11.4	10	3.5
1F RF	UDCon11	Combination		X	0.005532	32	11.4	19.6	3.5
1F RF	UDCon11	Combination		Y	0.007961	55	22.6	8.45	3.5
1F RF	UDCon12	Combination		X	0.005688	32	11.4	19.6	3.5
1F RF	UDCon12	Combination		Y	0.00814	55	22.6	8.45	3.5
1F RF	UDCon13	Combination	Max	X	0.02484	57	22.6	5.35	3.5
1F RF	UDCon13	Combination	Max	Y	0.006199	55	22.6	8.45	3.5
1F RF	UDCon13	Combination	Min	X	0.027602	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Max	X	0.02639	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Max	Y	0.007725	34	11.4	14.8	3.5
1F RF	UDCon14	Combination	Min	X	0.026051	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Max	X	0.031999	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Max	Y	0.009858	34	11.4	14.8	3.5
1F RF	UDCon15	Combination	Min	X	0.031336	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Max	X	0.030125	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Max	Y	0.006315	55	22.6	8.45	3.5
1F RF	UDCon16	Combination	Min	X	0.033211	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Min	Y	0.009209	35	11.4	10	3.5
1F RF	UDCon17	Combination	Max	X	0.024847	57	22.6	5.35	3.5
1F RF	UDCon17	Combination	Max	Y	0.006163	55	22.6	8.45	3.5
1F RF	UDCon17	Combination	Min	X	0.027594	57	22.6	5.35	3.5
1F RF	UDCon18	Combination	Max	X	0.026397	57	22.6	5.35	3.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
1F RF	UDCon18	Combination	Max	Y	0.007726	34	11.4	14.8	3.5
1F RF	UDCon18	Combination	Min	X	0.026044	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Max	X	0.032006	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Max	Y	0.00986	34	11.4	14.8	3.5
1F RF	UDCon19	Combination	Min	X	0.031329	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Max	X	0.030132	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Max	Y	0.006279	55	22.6	8.45	3.5
1F RF	UDCon20	Combination	Min	X	0.033203	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Min	Y	0.009209	35	11.4	10	3.5

Table 3.8 - Story Forces (Part 1 of 2)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
16	Dead	LinStatic		Top	5528.2804	690.9698	-128.1406	-16954.5118
16	Dead	LinStatic		Bottom	11615.2238	710.09	-128.9661	-17359.6289
16	Live	LinStatic		Top	736.3048	-18.751	29.6975	531.4518
16	Live	LinStatic		Bottom	766.3977	-16.1184	29.9451	487.1318
16	FF	LinStatic		Top	3341.3046	660.1684	-246.972	-16606.5965
16	FF	LinStatic		Bottom	8901.7761	672.4685	-248.5098	-16899.6007
16	PW	LinStatic		Top	2799.9887	666.2238	-265.9663	-16877.5492
16	PW	LinStatic		Bottom	8358.9062	676.5594	-267.6574	-17136.5054
16	Earthquake+x	LinStatic		Top	137.1193	-257.7409	-48.7982	2488.1173
16	Earthquake+x	LinStatic		Bottom	146.2353	-264.9752	-48.9257	2528.5435
16	Earthquake+y	LinStatic		Top	21.423	-124.2939	-171.2571	38.7652
16	Earthquake+y	LinStatic		Bottom	38.0339	-123.6897	-176.2931	-51.0473
16	TH-X Load Case	LinModHist	Max	Top	78.9767	170.2453	39.5199	1219.607
16	TH-X Load Case	LinModHist	Max	Bottom	81.1487	174.6081	39.5538	1235.5424
16	TH-X Load Case	LinModHist	Min	Top	-99.6846	-115.3225	-25.2387	-1742.5252
16	TH-X Load Case	LinModHist	Min	Bottom	-105.1573	-118.238	-25.1988	-1765.9744
16	TH-Y Load Case	LinModHist	Max	Top	120.0436	183.929	35.7337	2022.128
16	TH-Y Load Case	LinModHist	Max	Bottom	126.2916	188.7789	35.6868	2052.4696
16	TH-Y Load Case	LinModHist	Min	Top	-112.5082	-205.2587	-42.8831	-1740.4051
16	TH-Y Load Case	LinModHist	Min	Bottom	-118.1702	-210.5237	-42.8924	-1769.1239
16	UDCon11	Combination		Top	15753.9245	2723.4388	-865.4566	-68092.1876
16	UDCon11	Combination		Bottom	38982.4732	2779.8092	-870.9298	-69384.2423
16	UDCon12	Combination		Top	16858.3816	2695.3124	-820.9104	-67295.0098
16	UDCon12	Combination		Bottom	40132.0698	2755.6315	-826.0121	-68653.5445
16	UDCon13	Combination	Max	Top	11969.4418	2181.9821	-592.6498	-49059.6149
16	UDCon13	Combination	Max	Bottom	29186.9741	2228.8905	-596.5958	-50014.0531
16	UDCon13	Combination	Min	Top	11790.7805	1896.4143	-657.4084	-52021.7471
16	UDCon13	Combination	Min	Bottom	29000.6681	1936.0443	-661.3485	-53015.5699
16	UDCon14	Combination	Max	Top	11990.1497	2127.0593	-606.931	-48536.6967
16	UDCon14	Combination	Max	Bottom	29210.9827	2172.5204	-610.9509	-49483.6211
16	UDCon14	Combination	Min	Top	11811.4884	1841.4915	-671.6896	-51498.8289
16	UDCon14	Combination	Min	Bottom	29024.6767	1879.6742	-675.7035	-52485.1378

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
16	UDCon15	Combination	Max	Top	12010.5087	2195.6658	-596.436	-48257.0939
16	UDCon15	Combination	Max	Bottom	29232.117	2243.0612	-600.4629	-49197.1259
16	UDCon15	Combination	Min	Top	11777.9569	1806.4781	-675.0528	-52019.627
16	UDCon15	Combination	Min	Bottom	28987.6552	1843.7587	-679.042	-53018.7193
16	UDCon16	Combination	Max	Top	12002.9734	2216.9955	-589.2866	-48538.8168
16	UDCon16	Combination	Max	Bottom	29223.9956	2264.806	-593.2573	-49480.4716
16	UDCon16	Combination	Min	Top	11770.4215	1827.8078	-667.9035	-52301.3499
16	UDCon16	Combination	Min	Bottom	28979.5338	1865.5035	-671.8364	-53302.0651
16	UDCon17	Combination	Max	Top	11748.5504	2187.6074	-601.559	-49219.0504
16	UDCon17	Combination	Max	Bottom	28957.0548	2233.726	-605.5794	-50160.1926
16	UDCon17	Combination	Min	Top	11569.8891	1902.0396	-666.3176	-52181.1826
16	UDCon17	Combination	Min	Bottom	28770.7488	1940.8799	-670.332	-53161.7094
16	UDCon18	Combination	Max	Top	11769.2583	2132.6846	-615.8403	-48696.1323
16	UDCon18	Combination	Max	Bottom	28981.0634	2177.3559	-619.9344	-49629.7606
16	UDCon18	Combination	Min	Top	11590.597	1847.1168	-680.5989	-51658.2645
16	UDCon18	Combination	Min	Bottom	28794.7574	1884.5098	-684.687	-52631.2774
16	UDCon19	Combination	Max	Top	11789.6173	2201.2911	-605.3452	-48416.5295
16	UDCon19	Combination	Max	Bottom	29002.1976	2247.8968	-609.4464	-49343.2654
16	UDCon19	Combination	Min	Top	11557.0655	1812.1034	-683.962	-52179.0625
16	UDCon19	Combination	Min	Bottom	28757.7359	1848.5942	-688.0256	-53164.8589
16	UDCon20	Combination	Max	Top	11782.0819	2222.6208	-598.1959	-48698.2524
16	UDCon20	Combination	Max	Bottom	28994.0763	2269.6416	-602.2408	-49626.6111
16	UDCon20	Combination	Min	Top	11549.5301	1833.4331	-676.8127	-52460.7854
16	UDCon20	Combination	Min	Bottom	28749.6145	1870.339	-680.82	-53448.2046
15	Dead	LinStatic		Top	16009.4432	614.1494	2.7214	-12703.9708
15	Dead	LinStatic		Bottom	22219.7429	614.1494	2.7214	-12703.9708
15	Live	LinStatic		Top	1391.8954	-40.4182	31.141	752.7552
15	Live	LinStatic		Bottom	1425.7099	-40.4182	31.141	752.7552
15	FF	LinStatic		Top	11663.0865	644.3986	-127.6474	-13451.5774
15	FF	LinStatic		Bottom	17338.1862	644.3986	-127.6474	-13451.5774
15	PW	LinStatic		Top	10659.5296	663.0394	-148.0311	-13851.9035
15	PW	LinStatic		Bottom	16329.9493	663.0394	-148.0311	-13851.9035
15	Earthquake+x	LinStatic		Top	168.5058	-380.5955	-38.3079	4271.1938
15	Earthquake+x	LinStatic		Bottom	168.5058	-387.1345	-38.3079	4310.1095
15	Earthquake+y	LinStatic		Top	109.361	-182.7654	-476.1888	-3878.7663
15	Earthquake+y	LinStatic		Bottom	109.361	-182.7654	-482.4842	-3999.5972
15	TH-X Load Case	LinModHist	Max	Top	92.7025	246.0124	45.9183	2261.6876
15	TH-X Load Case	LinModHist	Max	Bottom	92.7025	249.7529	46.4991	2293.7099
15	TH-X Load Case	LinModHist	Min	Top	-122.4328	-167.0288	-27.2276	-2967.0409
15	TH-X Load Case	LinModHist	Min	Bottom	-122.4328	-169.678	-27.2044	-2991.376
15	TH-Y Load Case	LinModHist	Max	Top	148.0901	260.8614	27.9587	3521.1923
15	TH-Y Load Case	LinModHist	Max	Bottom	148.0901	265.3755	28.1254	3553.6149
15	TH-Y Load Case	LinModHist	Min	Top	-138.3787	-295.2827	-60.1538	-3106.5811
15	TH-Y Load Case	LinModHist	Min	Bottom	-138.3787	-300.1081	-60.5821	-3138.7901
15	UDCon11	Combination		Top	51748.2801	2594.1429	-368.4921	-54010.0598

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
15	UDCon11	Combination		Bottom	75448.6359	2594.1429	-368.4921	-54010.0598
15	UDCon12	Combination		Top	53836.1233	2533.5157	-321.7806	-52880.9269
15	UDCon12	Combination		Bottom	77587.2007	2533.5157	-321.7806	-52880.9269
15	UDCon13	Combination	Max	Top	38842.3305	2155.4743	-217.6965	-37519.9375
15	UDCon13	Combination	Max	Bottom	56408.2939	2159.2148	-217.1157	-37487.9152
15	UDCon13	Combination	Min	Top	38627.1952	1742.4331	-290.8424	-42748.666
15	UDCon13	Combination	Min	Bottom	56193.1586	1739.7839	-290.8192	-42773.0012
15	UDCon14	Combination	Max	Top	38872.0608	2076.4907	-236.3872	-36814.5842
15	UDCon14	Combination	Max	Bottom	56438.0242	2079.1399	-236.4104	-36790.2491
15	UDCon14	Combination	Min	Top	38656.9255	1663.4495	-309.5331	-42043.3127
15	UDCon14	Combination	Min	Bottom	56222.8889	1659.709	-310.1139	-42075.335
15	UDCon15	Combination	Max	Top	38897.7181	2170.3233	-235.6561	-36260.4328
15	UDCon15	Combination	Max	Bottom	56463.6815	2174.8374	-235.4894	-36228.0102
15	UDCon15	Combination	Min	Top	38611.2493	1614.1792	-323.7686	-42888.2062
15	UDCon15	Combination	Min	Bottom	56177.2127	1609.3538	-324.1969	-42920.4152
15	UDCon16	Combination	Max	Top	38888.0066	2204.7446	-203.461	-36675.044
15	UDCon16	Combination	Max	Bottom	56453.97	2209.57	-203.0327	-36642.835
15	UDCon16	Combination	Min	Top	38601.5379	1648.6005	-291.5735	-43302.8175
15	UDCon16	Combination	Min	Bottom	56167.5013	1644.0864	-291.7402	-43335.24
15	UDCon17	Combination	Max	Top	38424.7619	2167.5997	-227.0388	-37745.7641
15	UDCon17	Combination	Max	Bottom	55980.5809	2171.3403	-226.458	-37713.7418
15	UDCon17	Combination	Min	Top	38209.6266	1754.5585	-300.1847	-42974.4926
15	UDCon17	Combination	Min	Bottom	55765.4457	1751.9093	-300.1615	-42998.8277
15	UDCon18	Combination	Max	Top	38454.4921	2088.6162	-245.7295	-37040.4108
15	UDCon18	Combination	Max	Bottom	56010.3112	2091.2654	-245.7527	-37016.0757
15	UDCon18	Combination	Min	Top	38239.3568	1675.575	-318.8755	-42269.1393
15	UDCon18	Combination	Min	Bottom	55795.1759	1671.8344	-319.4562	-42301.1616
15	UDCon19	Combination	Max	Top	38480.1495	2182.4487	-244.9984	-36486.2593
15	UDCon19	Combination	Max	Bottom	56035.9686	2186.9629	-244.8317	-36453.8368
15	UDCon19	Combination	Min	Top	38193.6807	1626.3047	-333.1109	-43114.0328
15	UDCon19	Combination	Min	Bottom	55749.4998	1621.4793	-333.5393	-43146.2418
15	UDCon20	Combination	Max	Top	38470.438	2216.87	-212.8033	-36900.8706
15	UDCon20	Combination	Max	Bottom	56026.2571	2221.6954	-212.375	-36868.6616
15	UDCon20	Combination	Min	Top	38183.9692	1660.726	-300.9158	-43528.644
15	UDCon20	Combination	Min	Bottom	55739.7883	1656.2118	-301.0825	-43561.0666
14	Dead	LinStatic		Top	25719.5251	555.514	-37.7367	-12401.7748
14	Dead	LinStatic		Bottom	31929.8248	555.514	-37.7367	-12401.7748
14	Live	LinStatic		Top	2023.1935	-40.1002	28.287	789.3719
14	Live	LinStatic		Bottom	2057.0079	-40.1002	28.287	789.3719
14	FF	LinStatic		Top	19338.392	596.441	-154.7476	-13297.2166
14	FF	LinStatic		Bottom	25013.4917	596.441	-154.7476	-13297.2166
14	PW	LinStatic		Top	17889.0568	614.9237	-172.6241	-13715.2462
14	PW	LinStatic		Bottom	23559.4765	614.9237	-172.6241	-13715.2462
14	Earthquake+x	LinStatic		Top	127.8732	-538.4571	-16.1304	6829.1762
14	Earthquake+x	LinStatic		Bottom	127.8732	-544.5602	-16.1304	6865.4975

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
14	Earthquake+y	LinStatic		Top	183.8603	-206.6707	-739.0093	-7541.3501
14	Earthquake+y	LinStatic		Bottom	183.8603	-206.6707	-744.885	-7654.1256
14	TH-X Load Case	LinModHist	Max	Top	67.222	348.111	91.8396	3792.2311
14	TH-X Load Case	LinModHist	Max	Bottom	67.222	352.0416	92.406	3823.5314
14	TH-X Load Case	LinModHist	Min	Top	-97.8577	-237.2984	-48.3092	-4657.9261
14	TH-X Load Case	LinModHist	Min	Bottom	-97.8577	-239.809	-48.4828	-4684.902
14	TH-Y Load Case	LinModHist	Max	Top	118.4493	375.3823	61.8385	5586.3374
14	TH-Y Load Case	LinModHist	Max	Bottom	118.4493	379.8082	62.2046	5617.6644
14	TH-Y Load Case	LinModHist	Min	Top	-110.8736	-420.624	-98.7594	-5062.3489
14	TH-Y Load Case	LinModHist	Min	Bottom	-110.8736	-425.2461	-99.4833	-5094.0805
14	UDCon11	Combination		Top	84978.4147	2385.2863	-492.8963	-53209.2208
14	UDCon11	Combination		Bottom	108678.7705	2385.2863	-492.8963	-53209.2208
14	UDCon12	Combination		Top	88013.2049	2325.136	-450.4657	-52025.1629
14	UDCon12	Combination		Bottom	111764.2824	2325.136	-450.4657	-52025.1629
14	UDCon13	Combination	Max	Top	63621.1539	2102.9596	-264.7827	-35385.195
14	UDCon13	Combination	Max	Bottom	81187.1173	2106.8903	-264.2163	-35353.8946
14	UDCon13	Combination	Min	Top	63456.0742	1517.5502	-404.9315	-43835.3521
14	UDCon13	Combination	Min	Bottom	81022.0376	1515.0396	-405.1051	-43862.328
14	UDCon14	Combination	Max	Top	63651.7896	1992.1471	-308.313	-34519.5
14	UDCon14	Combination	Max	Bottom	81217.753	1994.6577	-308.1394	-34492.524
14	UDCon14	Combination	Min	Top	63486.7099	1406.7377	-448.4619	-42969.6571
14	UDCon14	Combination	Min	Bottom	81052.6733	1402.807	-449.0283	-43000.9575
14	UDCon15	Combination	Max	Top	63672.3812	2130.231	-294.7837	-33591.0887
14	UDCon15	Combination	Max	Bottom	81238.3446	2134.6568	-294.4177	-33559.7616
14	UDCon15	Combination	Min	Top	63443.0583	1334.2246	-455.3816	-44239.775
14	UDCon15	Combination	Min	Bottom	81009.0217	1329.6025	-456.1056	-44271.5065
14	UDCon16	Combination	Max	Top	63664.8055	2175.4727	-257.8629	-34115.0771
14	UDCon16	Combination	Max	Bottom	81230.7689	2180.0948	-257.139	-34083.3455
14	UDCon16	Combination	Min	Top	63435.4826	1379.4664	-418.4608	-44763.7634
14	UDCon16	Combination	Min	Bottom	81001.446	1375.0405	-418.8269	-44795.0905
14	UDCon17	Combination	Max	Top	63014.1959	2114.9897	-273.2688	-35622.0065
14	UDCon17	Combination	Max	Bottom	80570.015	2118.9203	-272.7024	-35590.7062
14	UDCon17	Combination	Min	Top	62849.1162	1529.5803	-413.4176	-44072.1637
14	UDCon17	Combination	Min	Bottom	80404.9352	1527.0697	-413.5912	-44099.1396
14	UDCon18	Combination	Max	Top	63044.8316	2004.1772	-316.7991	-34756.3115
14	UDCon18	Combination	Max	Bottom	80600.6506	2006.6877	-316.6255	-34729.3356
14	UDCon18	Combination	Min	Top	62879.7518	1418.7678	-456.948	-43206.4687
14	UDCon18	Combination	Min	Bottom	80435.5709	1414.8371	-457.5144	-43237.769
14	UDCon19	Combination	Max	Top	63065.4232	2142.261	-303.2699	-33827.9002
14	UDCon19	Combination	Max	Bottom	80621.2422	2146.6869	-302.9038	-33796.5732
14	UDCon19	Combination	Min	Top	62836.1003	1346.2547	-463.8677	-44476.5865
14	UDCon19	Combination	Min	Bottom	80391.9193	1341.6326	-464.5917	-44508.3181
14	UDCon20	Combination	Max	Top	63057.8474	2187.5028	-266.349	-34351.8887
14	UDCon20	Combination	Max	Bottom	80613.6665	2192.1249	-265.6251	-34320.1571
14	UDCon20	Combination	Min	Top	62828.5246	1391.4964	-426.9469	-45000.575

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
14	UDCon20	Combination	Min	Bottom	80384.3436	1387.0706	-427.313	-45031.902
13	Dead	LinStatic		Top	35567.3902	573.2434	-39.0646	-12488.5975
13	Dead	LinStatic		Bottom	41777.6899	573.2434	-39.0646	-12488.5975
13	Live	LinStatic		Top	2656.1267	-37.1938	26.7354	746.6877
13	Live	LinStatic		Bottom	2689.9412	-37.1938	26.7354	746.6877
13	FF	LinStatic		Top	27115.9182	609.8805	-155.5293	-13366.0377
13	FF	LinStatic		Bottom	32791.0179	609.8805	-155.5293	-13366.0377
13	PW	LinStatic		Top	25218.6738	626.3709	-171.9079	-13750.5216
13	PW	LinStatic		Bottom	30889.0935	626.3709	-171.9079	-13750.5216
13	Earthquake+x	LinStatic		Top	80.094	-669.8804	13.6467	9117.0259
13	Earthquake+x	LinStatic		Bottom	80.094	-675.5476	13.6467	9150.7528
13	Earthquake+y	LinStatic		Top	241.7148	-233.5096	-987.5116	-10992.6045
13	Earthquake+y	LinStatic		Bottom	241.7148	-233.5096	-992.9677	-11097.3247
13	TH-X Load Case	LinModHist	Max	Top	41.0451	438.6466	143.6576	5220.1771
13	TH-X Load Case	LinModHist	Max	Bottom	41.0451	442.4614	144.3109	5251.1173
13	TH-X Load Case	LinModHist	Min	Top	-66.4414	-297.5714	-77.4652	-6242.6523
13	TH-X Load Case	LinModHist	Min	Bottom	-66.4414	-300.7492	-77.7611	-6268.8717
13	TH-Y Load Case	LinModHist	Max	Top	80.7495	474.7246	108.3625	7431.0859
13	TH-Y Load Case	LinModHist	Max	Bottom	80.7495	479.0603	108.8093	7461.2894
13	TH-Y Load Case	LinModHist	Min	Top	-75.9866	-526.8888	-152	-6847.1607
13	TH-Y Load Case	LinModHist	Min	Bottom	-75.9866	-531.3029	-152.7184	-6878.4014
13	UDCon11	Combination		Top	118667.6759	2442.8179	-494.7775	-53466.9617
13	UDCon11	Combination		Bottom	142368.0317	2442.8179	-494.7775	-53466.9617
13	UDCon12	Combination		Top	122651.866	2387.0272	-454.6745	-52346.9301
13	UDCon12	Combination		Bottom	146402.9434	2387.0272	-454.6745	-52346.9301
13	UDCon13	Combination	Max	Top	88739.8653	2236.9833	-214.8236	-34160.9734
13	UDCon13	Combination	Max	Bottom	106305.8287	2240.798	-214.1703	-34130.0332
13	UDCon13	Combination	Min	Top	88632.3788	1500.7653	-435.9464	-45623.8028
13	UDCon13	Combination	Min	Bottom	106198.3422	1497.5875	-436.2424	-45650.0222
13	UDCon14	Combination	Max	Top	88765.2616	2095.908	-281.0161	-33138.4982
13	UDCon14	Combination	Max	Bottom	106331.225	2099.0858	-280.7201	-33112.2788
13	UDCon14	Combination	Min	Top	88657.7751	1359.69	-502.1389	-44601.3276
13	UDCon14	Combination	Min	Bottom	106223.7385	1355.8753	-502.7922	-44632.2678
13	UDCon15	Combination	Max	Top	88779.5696	2273.0612	-250.1188	-31950.0646
13	UDCon15	Combination	Max	Bottom	106345.533	2277.3969	-249.672	-31919.861
13	UDCon15	Combination	Min	Top	88622.8336	1271.4478	-510.4812	-46228.3112
13	UDCon15	Combination	Min	Bottom	106188.797	1267.0338	-511.1996	-46259.5519
13	UDCon16	Combination	Max	Top	88774.8068	2325.2255	-206.4813	-32533.9898
13	UDCon16	Combination	Max	Bottom	106340.7702	2329.6395	-205.7628	-32502.7491
13	UDCon16	Combination	Min	Top	88618.0707	1323.6121	-466.8437	-46812.2364
13	UDCon16	Combination	Min	Bottom	106184.0341	1319.2764	-467.2905	-46842.4399
13	UDCon17	Combination	Max	Top	87943.0273	2248.1414	-222.8442	-34384.9797
13	UDCon17	Combination	Max	Bottom	105498.8464	2251.9561	-222.1909	-34354.0395
13	UDCon17	Combination	Min	Top	87835.5408	1511.9234	-443.967	-45847.8091
13	UDCon17	Combination	Min	Bottom	105391.3598	1508.7456	-444.263	-45874.0285

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
13	UDCon18	Combination	Max	Top	87968.4236	2107.0661	-289.0367	-33362.5045
13	UDCon18	Combination	Max	Bottom	105524.2426	2110.2439	-288.7407	-33336.2851
13	UDCon18	Combination	Min	Top	87860.9371	1370.8481	-510.1595	-44825.3339
13	UDCon18	Combination	Min	Bottom	105416.7561	1367.0334	-510.8128	-44856.2741
13	UDCon19	Combination	Max	Top	87982.7316	2284.2193	-258.1394	-32174.0709
13	UDCon19	Combination	Max	Bottom	105538.5507	2288.555	-257.6926	-32143.8674
13	UDCon19	Combination	Min	Top	87825.9956	1282.6059	-518.5018	-46452.3175
13	UDCon19	Combination	Min	Bottom	105381.8147	1278.1919	-519.2202	-46483.5582
13	UDCon20	Combination	Max	Top	87977.9688	2336.3836	-214.5019	-32757.9961
13	UDCon20	Combination	Max	Bottom	105533.7878	2340.7976	-213.7835	-32726.7554
13	UDCon20	Combination	Min	Top	87821.2327	1334.7702	-474.8643	-47036.2427
13	UDCon20	Combination	Min	Bottom	105377.0518	1330.4345	-475.3111	-47066.4462
12F RF	Dead	LinStatic		Top	45522.157	583.3079	-47.4244	-12826.345
12F RF	Dead	LinStatic		Bottom	51732.4567	583.3079	-47.4244	-12826.345
12F RF	Live	LinStatic		Top	3297.5368	-34.9505	25.4967	691.9563
12F RF	Live	LinStatic		Bottom	3331.3512	-34.9505	25.4967	691.9563
12F RF	FF	LinStatic		Top	34967.7422	616.1174	-160.9653	-13567.5801
12F RF	FF	LinStatic		Bottom	40642.8419	616.1174	-160.9653	-13567.5801
12F RF	PW	LinStatic		Top	32616.5884	631.1445	-176.2693	-13913.1444
12F RF	PW	LinStatic		Bottom	38287.0081	631.1445	-176.2693	-13913.1444
12F RF	Earthquake+x	LinStatic		Top	21.1978	-796.3362	40.1075	11293.5662
12F RF	Earthquake+x	LinStatic		Bottom	21.1978	-801.5674	40.1075	11324.6988
12F RF	Earthquake+y	LinStatic		Top	293.7513	-260.0937	-1212.9724	-14091.7607
12F RF	Earthquake+y	LinStatic		Bottom	293.7513	-260.0937	-1218.0088	-14188.4254
12F RF	TH-X Load Case	LinModHist	Max	Top	29.8018	529.4382	195.2622	6642.1941
12F RF	TH-X Load Case	LinModHist	Max	Bottom	29.8018	533.1307	195.9002	6672.7537
12F RF	TH-X Load Case	LinModHist	Min	Top	-37.3042	-363.4513	-112.4166	-7815.2801
12F RF	TH-X Load Case	LinModHist	Min	Bottom	-37.3042	-366.5788	-112.6992	-7840.7081
12F RF	TH-Y Load Case	LinModHist	Max	Top	48.8198	575.4484	155.8135	9240.6987
12F RF	TH-Y Load Case	LinModHist	Max	Bottom	48.8198	579.6935	156.2562	9269.7628
12F RF	TH-Y Load Case	LinModHist	Min	Top	-35.6963	-631.5601	-204.6532	-8640.3961
12F RF	TH-Y Load Case	LinModHist	Min	Bottom	-35.6963	-635.7643	-205.3659	-8671.1339
12F RF	UDCon11	Combination		Top	152693.7582	2471.2692	-519.2897	-54414.5438
12F RF	UDCon11	Combination		Bottom	176394.114	2471.2692	-519.2897	-54414.5438
12F RF	UDCon12	Combination		Top	157640.0634	2418.8434	-481.0447	-53376.6094
12F RF	UDCon12	Combination		Bottom	181391.1408	2418.8434	-481.0447	-53376.6094
12F RF	UDCon13	Combination	Max	Top	114125.5504	2349.5229	-181.7479	-33457.2886
12F RF	UDCon13	Combination	Max	Bottom	131691.5138	2353.2153	-181.1098	-33426.729
12F RF	UDCon13	Combination	Min	Top	114058.4444	1456.6333	-489.4267	-47914.7627
12F RF	UDCon13	Combination	Min	Bottom	131624.4078	1453.5058	-489.7092	-47940.1907
12F RF	UDCon14	Combination	Max	Top	114133.0528	2183.5359	-264.5934	-32284.2026
12F RF	UDCon14	Combination	Max	Bottom	131699.0162	2186.6634	-264.3109	-32258.7746
12F RF	UDCon14	Combination	Min	Top	114065.9468	1290.6464	-572.2722	-46741.6767
12F RF	UDCon14	Combination	Min	Bottom	131631.9102	1286.9539	-572.9103	-46772.2363
12F RF	UDCon15	Combination	Max	Top	114144.5684	2395.5331	-221.1965	-30858.784

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
12F RF	UDCon15	Combination	Max	Bottom	131710.5318	2399.7782	-220.7538	-30829.7198
12F RF	UDCon15	Combination	Min	Top	114060.0523	1188.5245	-581.6632	-48739.8787
12F RF	UDCon15	Combination	Min	Bottom	131626.0157	1184.3203	-582.3759	-48770.6165
12F RF	UDCon16	Combination	Max	Top	114131.4449	2451.6447	-172.3569	-31459.0865
12F RF	UDCon16	Combination	Max	Bottom	131697.4083	2455.8489	-171.6441	-31428.3487
12F RF	UDCon16	Combination	Min	Top	114046.9289	1244.6362	-532.8236	-49340.1813
12F RF	UDCon16	Combination	Min	Bottom	131612.8923	1240.3911	-533.2663	-49369.2454
12F RF	UDCon17	Combination	Max	Top	113136.2894	2360.008	-189.3969	-33664.8754
12F RF	UDCon17	Combination	Max	Bottom	130692.1085	2363.7005	-188.7588	-33634.3158
12F RF	UDCon17	Combination	Min	Top	113069.1833	1467.1185	-497.0757	-48122.3496
12F RF	UDCon17	Combination	Min	Bottom	130625.0024	1463.991	-497.3582	-48147.7775
12F RF	UDCon18	Combination	Max	Top	113143.7918	2194.0211	-272.2424	-32491.7894
12F RF	UDCon18	Combination	Max	Bottom	130699.6109	2197.1486	-271.9599	-32466.3614
12F RF	UDCon18	Combination	Min	Top	113076.6857	1301.1315	-579.9212	-46949.2636
12F RF	UDCon18	Combination	Min	Bottom	130632.5048	1297.4391	-580.5593	-46979.8231
12F RF	UDCon19	Combination	Max	Top	113155.3073	2406.0182	-228.8455	-31066.3708
12F RF	UDCon19	Combination	Max	Bottom	130711.1264	2410.2633	-228.4028	-31037.3067
12F RF	UDCon19	Combination	Min	Top	113070.7912	1199.0097	-589.3122	-48947.4656
12F RF	UDCon19	Combination	Min	Bottom	130626.6103	1194.8055	-590.025	-48978.2034
12F RF	UDCon20	Combination	Max	Top	113142.1839	2462.1299	-180.0059	-31666.6734
12F RF	UDCon20	Combination	Max	Bottom	130698.003	2466.3341	-179.2932	-31635.9356
12F RF	UDCon20	Combination	Min	Top	113057.6678	1255.1214	-540.4726	-49547.7682
12F RF	UDCon20	Combination	Min	Bottom	130613.4869	1250.8762	-540.9153	-49576.8323
11F RF	Dead	LinStatic		Top	55530.3512	594.9177	-64.8338	-13273.0085
11F RF	Dead	LinStatic		Bottom	61740.6509	594.9177	-64.8338	-13273.0085
11F RF	Live	LinStatic		Top	3944.2057	-32.4968	23.3233	621.0894
11F RF	Live	LinStatic		Bottom	3978.0202	-32.4968	23.3233	621.0894
11F RF	FF	LinStatic		Top	42850.6319	622.2171	-172.2359	-13823.4326
11F RF	FF	LinStatic		Bottom	48525.7316	622.2171	-172.2359	-13823.4326
11F RF	PW	LinStatic		Top	40042.0593	635.6537	-185.9006	-14119.9771
11F RF	PW	LinStatic		Bottom	45712.479	635.6537	-185.9006	-14119.9771
11F RF	Earthquake+x	LinStatic		Top	-46.4149	-914.5193	65.7737	13341.1587
11F RF	Earthquake+x	LinStatic		Bottom	-46.4149	-919.3146	65.7737	13369.6969
11F RF	Earthquake+y	LinStatic		Top	340.8204	-287.587	-1419.1101	-16872.9933
11F RF	Earthquake+y	LinStatic		Bottom	340.8204	-287.587	-1423.7268	-16961.6026
11F RF	TH-X Load Case	LinModHist	Max	Top	49.1445	617.9571	246.7646	8050.9092
11F RF	TH-X Load Case	LinModHist	Max	Bottom	49.1445	621.5203	247.3877	8081.064
11F RF	TH-X Load Case	LinModHist	Min	Top	-52.0029	-428.278	-147.2715	-9356.4631
11F RF	TH-X Load Case	LinModHist	Min	Bottom	-52.0029	-431.3526	-147.541	-9381.0658
11F RF	TH-Y Load Case	LinModHist	Max	Top	62.8036	674.9272	204.5832	11042.4334
11F RF	TH-Y Load Case	LinModHist	Max	Bottom	62.8036	679.0828	205.1164	11074.0003
11F RF	TH-Y Load Case	LinModHist	Min	Top	-48.2997	-731.8678	-257.5746	-10424.9806
11F RF	TH-Y Load Case	LinModHist	Min	Bottom	-48.2997	-735.8635	-258.2815	-10455.2048
11F RF	UDCon11	Combination		Top	186871.1073	2501.2644	-571.0099	-55642.1646
11F RF	UDCon11	Combination		Bottom	210571.463	2501.2644	-571.0099	-55642.1646

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
11F RF	UDCon12	Combination		Top	192787.4159	2452.5192	-536.025	-54710.5305
11F RF	UDCon12	Combination		Bottom	216538.4933	2452.5192	-536.025	-54710.5305
11F RF	UDCon13	Combination	Max	Top	139655.4487	2460.9965	-169.2088	-32979.1822
11F RF	UDCon13	Combination	Max	Bottom	157221.4121	2464.5597	-168.5856	-32949.0274
11F RF	UDCon13	Combination	Min	Top	139554.3012	1414.7613	-563.2448	-50386.5545
11F RF	UDCon13	Combination	Min	Bottom	157120.2647	1411.6868	-563.5143	-50411.1572
11F RF	UDCon14	Combination	Max	Top	139658.307	2271.3174	-268.7018	-31673.6282
11F RF	UDCon14	Combination	Max	Bottom	157224.2704	2274.392	-268.4323	-31649.0256
11F RF	UDCon14	Combination	Min	Top	139557.1596	1225.0823	-662.7379	-49081.0006
11F RF	UDCon14	Combination	Min	Bottom	157123.123	1221.5191	-663.361	-49111.1554
11F RF	UDCon15	Combination	Max	Top	139669.1077	2517.9666	-211.3901	-29987.6579
11F RF	UDCon15	Combination	Max	Bottom	157235.0711	2522.1222	-210.8569	-29956.091
11F RF	UDCon15	Combination	Min	Top	139558.0044	1111.1715	-673.5479	-51455.0719
11F RF	UDCon15	Combination	Min	Bottom	157123.9678	1107.1759	-674.2548	-51485.2962
11F RF	UDCon16	Combination	Max	Top	139654.6039	2574.9072	-158.3987	-30605.1108
11F RF	UDCon16	Combination	Max	Bottom	157220.5673	2578.9029	-157.6918	-30574.8865
11F RF	UDCon16	Combination	Min	Top	139543.5006	1168.1122	-620.5565	-52072.5248
11F RF	UDCon16	Combination	Min	Bottom	157109.464	1163.9566	-621.0897	-52104.0917
11F RF	UDCon17	Combination	Max	Top	138472.187	2470.7455	-176.2057	-33165.509
11F RF	UDCon17	Combination	Max	Bottom	156028.006	2474.3087	-175.5826	-33135.3542
11F RF	UDCon17	Combination	Min	Top	138371.0395	1424.5104	-570.2418	-50572.8813
11F RF	UDCon17	Combination	Min	Bottom	155926.8586	1421.4358	-570.5113	-50597.484
11F RF	UDCon18	Combination	Max	Top	138475.0453	2281.0665	-275.6988	-31859.9551
11F RF	UDCon18	Combination	Max	Bottom	156030.8644	2284.141	-275.4293	-31835.3524
11F RF	UDCon18	Combination	Min	Top	138373.8979	1234.8313	-669.7349	-49267.3274
11F RF	UDCon18	Combination	Min	Bottom	155929.7169	1231.2681	-670.358	-49297.4822
11F RF	UDCon19	Combination	Max	Top	138485.846	2527.7156	-218.3871	-30173.9848
11F RF	UDCon19	Combination	Max	Bottom	156041.6651	2531.8712	-217.8539	-30142.4179
11F RF	UDCon19	Combination	Min	Top	138374.7427	1120.9206	-680.5449	-51641.3988
11F RF	UDCon19	Combination	Min	Bottom	155930.5617	1116.9249	-681.2518	-51671.623
11F RF	UDCon20	Combination	Max	Top	138471.3422	2584.6562	-165.3957	-30791.4376
11F RF	UDCon20	Combination	Max	Bottom	156027.1612	2588.6519	-164.6888	-30761.2134
11F RF	UDCon20	Combination	Min	Top	138360.2388	1177.8612	-627.5535	-52258.8516
11F RF	UDCon20	Combination	Min	Bottom	155916.0579	1173.7056	-628.0867	-52290.4185
10F RF	Dead	LinStatic		Top	65563.6869	602.7659	-90.2151	-13707.9059
10F RF	Dead	LinStatic		Bottom	71773.9865	602.7659	-90.2151	-13707.9059
10F RF	Live	LinStatic		Top	4593.7688	-30.2247	20.5798	552.5411
10F RF	Live	LinStatic		Bottom	4627.5833	-30.2247	20.5798	552.5411
10F RF	FF	LinStatic		Top	50747.6192	624.8489	-189.0525	-14061.4992
10F RF	FF	LinStatic		Bottom	56422.7189	624.8489	-189.0525	-14061.4992
10F RF	PW	LinStatic		Top	47479.7493	636.845	-200.7216	-14311.4452
10F RF	PW	LinStatic		Bottom	53150.169	636.845	-200.7216	-14311.4452
10F RF	Earthquake+x	LinStatic		Top	-123.3871	-1024.9831	92.2064	15288.3649
10F RF	Earthquake+x	LinStatic		Bottom	-123.3871	-1029.3424	92.2064	15314.3087
10F RF	Earthquake+y	LinStatic		Top	381.4918	-315.9114	-1606.8336	-19344.03

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
10F RF	Earthquake+y	LinStatic		Bottom	381.4918	-315.9114	-1611.0305	-19424.584
10F RF	TH-X Load Case	LinModHist	Max	Top	85.6407	704.4697	298.988	9459.9598
10F RF	TH-X Load Case	LinModHist	Max	Bottom	85.6407	707.8968	299.5967	9489.6842
10F RF	TH-X Load Case	LinModHist	Min	Top	-99.0499	-492.2969	-183.0931	-10886.6716
10F RF	TH-X Load Case	LinModHist	Min	Bottom	-99.0499	-495.3158	-183.3499	-10910.4217
10F RF	TH-Y Load Case	LinModHist	Max	Top	104.6995	773.7185	256.7702	12916.4802
10F RF	TH-Y Load Case	LinModHist	Max	Bottom	104.6995	777.787	257.297	12947.5115
10F RF	TH-Y Load Case	LinModHist	Min	Top	-113.5991	-828.3838	-311.3347	-12227.0595
10F RF	TH-Y Load Case	LinModHist	Min	Bottom	-113.5991	-832.1757	-312.0357	-12256.7623
10F RF	UDCon11	Combination		Top	221117.9248	2517.0207	-647.9854	-56809.1478
10F RF	UDCon11	Combination		Bottom	244818.2805	2517.0207	-647.9854	-56809.1478
10F RF	UDCon12	Combination		Top	228008.578	2471.6837	-617.1157	-55980.3361
10F RF	UDCon12	Combination		Bottom	251759.6554	2471.6837	-617.1157	-55980.3361
10F RF	UDCon13	Combination	Max	Top	165254.8267	2559.8621	-174.8272	-32455.128
10F RF	UDCon13	Combination	Max	Bottom	182820.7901	2563.2892	-174.2185	-32425.4037
10F RF	UDCon13	Combination	Min	Top	165070.1362	1363.0955	-656.9083	-52801.7595
10F RF	UDCon13	Combination	Min	Bottom	182636.0996	1360.0766	-657.1652	-52825.5095
10F RF	UDCon14	Combination	Max	Top	165268.2359	2347.6893	-290.7222	-31028.4163
10F RF	UDCon14	Combination	Max	Bottom	182834.1993	2350.7082	-290.4653	-31004.6662
10F RF	UDCon14	Combination	Min	Top	165083.5454	1150.9227	-772.8032	-51375.0477
10F RF	UDCon14	Combination	Min	Bottom	182649.5088	1147.4956	-773.4119	-51404.7721
10F RF	UDCon15	Combination	Max	Top	165273.8856	2629.1109	-217.045	-28998.6077
10F RF	UDCon15	Combination	Max	Bottom	182839.849	2633.1794	-216.5182	-28967.5764
10F RF	UDCon15	Combination	Min	Top	165055.587	1027.0086	-785.1499	-54142.1474
10F RF	UDCon15	Combination	Min	Bottom	182621.5504	1023.2167	-785.8509	-54171.8502
10F RF	UDCon16	Combination	Max	Top	165282.7851	2683.7762	-162.4805	-29688.0284
10F RF	UDCon16	Combination	Max	Bottom	182848.7485	2687.5682	-161.7796	-29658.3256
10F RF	UDCon16	Combination	Min	Top	165064.4865	1081.6739	-730.5854	-54831.5681
10F RF	UDCon16	Combination	Min	Bottom	182630.4499	1077.6054	-731.1123	-54862.5994
10F RF	UDCon17	Combination	Max	Top	163876.6961	2568.9295	-181.0012	-32620.8904
10F RF	UDCon17	Combination	Max	Bottom	181432.5151	2572.3566	-180.3925	-32591.166
10F RF	UDCon17	Combination	Min	Top	163692.0055	1372.1629	-663.0823	-52967.5218
10F RF	UDCon17	Combination	Min	Bottom	181247.8246	1369.144	-663.3391	-52991.2719
10F RF	UDCon18	Combination	Max	Top	163890.1053	2356.7567	-296.8961	-31194.1786
10F RF	UDCon18	Combination	Max	Bottom	181445.9243	2359.7756	-296.6393	-31170.4286
10F RF	UDCon18	Combination	Min	Top	163705.4147	1159.9901	-778.9772	-51540.81
10F RF	UDCon18	Combination	Min	Bottom	181261.2338	1156.563	-779.5859	-51570.5344
10F RF	UDCon19	Combination	Max	Top	163895.7549	2638.1783	-223.219	-29164.37
10F RF	UDCon19	Combination	Max	Bottom	181451.574	2642.2468	-222.6922	-29133.3387
10F RF	UDCon19	Combination	Min	Top	163677.4563	1036.076	-791.3239	-54307.9097
10F RF	UDCon19	Combination	Min	Bottom	181233.2754	1032.2841	-792.0248	-54337.6125
10F RF	UDCon20	Combination	Max	Top	163904.6545	2692.8436	-168.6545	-29853.7907
10F RF	UDCon20	Combination	Max	Bottom	181460.4735	2696.6356	-167.9535	-29824.0879
10F RF	UDCon20	Combination	Min	Top	163686.3558	1090.7413	-736.7594	-54997.3304
10F RF	UDCon20	Combination	Min	Bottom	181242.1749	1086.6729	-737.2862	-55028.3617

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
9F RF	Dead	LinStatic		Top	75606.1815	598.8174	-121.6016	-13945.0837
9F RF	Dead	LinStatic		Bottom	81816.4812	598.8174	-121.6016	-13945.0837
9F RF	Live	LinStatic		Top	5244.5315	-28.5284	17.1069	488.9787
9F RF	Live	LinStatic		Bottom	5278.3459	-28.5284	17.1069	488.9787
9F RF	FF	LinStatic		Top	58648.8811	617.5498	-209.7152	-14125.6692
9F RF	FF	LinStatic		Bottom	64323.9808	617.5498	-209.7152	-14125.6692
9F RF	PW	LinStatic		Top	54920.9254	628.5515	-218.8843	-14333.1815
9F RF	PW	LinStatic		Bottom	60591.3451	628.5515	-218.8843	-14333.1815
9F RF	Earthquake+x	LinStatic		Top	-209.7799	-1127.7212	121.4416	17170.156
9F RF	Earthquake+x	LinStatic		Bottom	-209.7799	-1131.6446	121.4416	17193.5055
9F RF	Earthquake+y	LinStatic		Top	415.8143	-347.8157	-1778.0183	-21514.8055
9F RF	Earthquake+y	LinStatic		Bottom	415.8143	-347.8157	-1781.7956	-21587.3041
9F RF	TH-X Load Case	LinModHist	Max	Top	143.5124	788.6401	353.6117	10894.6656
9F RF	TH-X Load Case	LinModHist	Max	Bottom	143.5124	791.9256	354.2067	10923.9352
9F RF	TH-X Load Case	LinModHist	Min	Top	-151.4388	-554.6626	-221.5715	-12434.5295
9F RF	TH-X Load Case	LinModHist	Min	Bottom	-151.4388	-557.6234	-221.8163	-12457.4114
9F RF	TH-Y Load Case	LinModHist	Max	Top	155.2883	871.635	313.0496	14835.8931
9F RF	TH-Y Load Case	LinModHist	Max	Bottom	155.2883	875.6201	313.5707	14866.369
9F RF	TH-Y Load Case	LinModHist	Min	Top	-187.447	-928.4269	-367.3819	-14083.2904
9F RF	TH-Y Load Case	LinModHist	Min	Bottom	-187.447	-932.5239	-368.0769	-14112.467
9F RF	UDCon11	Combination		Top	255387.584	2490.6403	-742.7715	-57245.3113
9F RF	UDCon11	Combination		Bottom	279087.9397	2490.6403	-742.7715	-57245.3113
9F RF	UDCon12	Combination		Top	263254.3812	2447.8476	-717.1111	-56511.8432
9F RF	UDCon12	Combination		Bottom	287005.4586	2447.8476	-717.1111	-56511.8432
9F RF	UDCon13	Combination	Max	Top	190892.8599	2625.0003	-191.4574	-31362.575
9F RF	UDCon13	Combination	Max	Bottom	208458.8233	2628.2858	-190.8623	-31333.3054
9F RF	UDCon13	Combination	Min	Top	190597.9088	1281.6976	-766.6405	-54691.7701
9F RF	UDCon13	Combination	Min	Bottom	208163.8722	1278.7368	-766.8854	-54714.6521
9F RF	UDCon14	Combination	Max	Top	190900.7864	2391.0228	-323.4975	-29822.7112
9F RF	UDCon14	Combination	Max	Bottom	208466.7498	2393.9836	-323.2527	-29799.8293
9F RF	UDCon14	Combination	Min	Top	190605.8352	1047.7201	-898.6807	-53151.9063
9F RF	UDCon14	Combination	Min	Bottom	208171.7986	1044.4346	-899.2758	-53181.1759
9F RF	UDCon15	Combination	Max	Top	190904.6359	2707.9952	-232.0194	-27421.3475
9F RF	UDCon15	Combination	Max	Bottom	208470.5993	2711.9803	-231.4984	-27390.8717
9F RF	UDCon15	Combination	Min	Top	190561.9006	907.9333	-912.4509	-56340.5311
9F RF	UDCon15	Combination	Min	Bottom	208127.864	903.8363	-913.1459	-56369.7077
9F RF	UDCon16	Combination	Max	Top	190936.7946	2764.7871	-177.6871	-28173.9502
9F RF	UDCon16	Combination	Max	Bottom	208502.758	2768.8841	-176.9921	-28144.7736
9F RF	UDCon16	Combination	Min	Top	190594.0593	964.7252	-858.1187	-57093.1338
9F RF	UDCon16	Combination	Min	Bottom	208160.0227	960.7401	-858.6397	-57123.6096
9F RF	UDCon17	Combination	Max	Top	189319.5005	2633.5588	-196.5894	-31509.2686
9F RF	UDCon17	Combination	Max	Bottom	206875.3196	2636.8443	-195.9944	-31479.9991
9F RF	UDCon17	Combination	Min	Top	189024.5493	1290.2561	-771.7726	-54838.4637
9F RF	UDCon17	Combination	Min	Bottom	206580.3684	1287.2953	-772.0174	-54861.3457
9F RF	UDCon18	Combination	Max	Top	189327.4269	2399.5813	-328.6296	-29969.4048

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
9F RF	UDCon18	Combination	Max	Bottom	206883.246	2402.5422	-328.3848	-29946.5229
9F RF	UDCon18	Combination	Min	Top	189032.4758	1056.2786	-903.8128	-53298.5999
9F RF	UDCon18	Combination	Min	Bottom	206588.2948	1052.9931	-904.4078	-53327.8695
9F RF	UDCon19	Combination	Max	Top	189331.2764	2716.5537	-237.1515	-27568.0412
9F RF	UDCon19	Combination	Max	Bottom	206887.0955	2720.5388	-236.6304	-27537.5653
9F RF	UDCon19	Combination	Min	Top	188988.5411	916.4918	-917.583	-56487.2247
9F RF	UDCon19	Combination	Min	Bottom	206544.3602	912.3948	-918.278	-56516.4013
9F RF	UDCon20	Combination	Max	Top	189363.4351	2773.3456	-182.8192	-28320.6439
9F RF	UDCon20	Combination	Max	Bottom	206919.2542	2777.4426	-182.1242	-28291.4673
9F RF	UDCon20	Combination	Min	Top	189020.6998	973.2837	-863.2507	-57239.8274
9F RF	UDCon20	Combination	Min	Bottom	206576.5189	969.2986	-863.7718	-57270.3033
8F RF	Dead	LinStatic		Top	85651.1551	564.8594	-159.421	-13687.1319
8F RF	Dead	LinStatic		Bottom	91861.4548	564.8594	-159.421	-13687.1319
8F RF	Live	LinStatic		Top	5895.7551	-28.2262	12.8355	443.0887
8F RF	Live	LinStatic		Bottom	5929.5695	-28.2262	12.8355	443.0887
8F RF	FF	LinStatic		Top	66551.1616	585.5492	-234.5249	-13769.5977
8F RF	FF	LinStatic		Bottom	72226.2613	585.5492	-234.5249	-13769.5977
8F RF	PW	LinStatic		Top	62362.8651	596.6301	-240.6179	-13948.2646
8F RF	PW	LinStatic		Bottom	68033.2848	596.6301	-240.6179	-13948.2646
8F RF	Earthquake+x	LinStatic		Top	-309.083	-1223.7342	156.4661	19053.2498
8F RF	Earthquake+x	LinStatic		Bottom	-309.083	-1227.2217	156.4661	19074.0048
8F RF	Earthquake+y	LinStatic		Top	439.9456	-385.8508	-1932.592	-23334.9863
8F RF	Earthquake+y	LinStatic		Bottom	439.9456	-385.8508	-1935.9495	-23399.4295
8F RF	TH-X Load Case	LinModHist	Max	Top	215.6544	871.1803	411.9772	12381.7348
8F RF	TH-X Load Case	LinModHist	Max	Bottom	215.6544	874.3207	412.5596	12410.5288
8F RF	TH-X Load Case	LinModHist	Min	Top	-211.1877	-615.8795	-264.6006	-14048.5786
8F RF	TH-X Load Case	LinModHist	Min	Bottom	-211.1877	-618.7809	-264.8341	-14070.5929
8F RF	TH-Y Load Case	LinModHist	Max	Top	240.9443	969.7345	375.625	16858.8335
8F RF	TH-Y Load Case	LinModHist	Max	Bottom	240.9443	973.641	376.1409	16888.7397
8F RF	TH-Y Load Case	LinModHist	Min	Top	-272.8203	-1028.332	-426.5831	-16050.886
8F RF	TH-Y Load Case	LinModHist	Min	Bottom	-272.8203	-1032.3086	-427.2722	-16079.5348
8F RF	UDCon11	Combination		Top	289662.9955	2358.5022	-856.6611	-55896.7421
8F RF	UDCon11	Combination		Bottom	313363.3512	2358.5022	-856.6611	-55896.7421
8F RF	UDCon12	Combination		Top	298506.6281	2316.1628	-837.4078	-55232.1091
8F RF	UDCon12	Combination		Bottom	322257.7055	2316.1628	-837.4078	-55232.1091
8F RF	UDCon13	Combination	Max	Top	216549.5627	2609.751	-218.736	-28890.3327
8F RF	UDCon13	Combination	Max	Bottom	234115.5261	2612.8914	-218.1535	-28861.5388
8F RF	UDCon13	Combination	Min	Top	216122.7207	1122.6912	-895.3138	-55320.6462
8F RF	UDCon13	Combination	Min	Bottom	233688.6841	1119.7899	-895.5473	-55342.6605
8F RF	UDCon14	Combination	Max	Top	216545.096	2354.4503	-366.1125	-27223.4889
8F RF	UDCon14	Combination	Max	Bottom	234111.0594	2357.3516	-365.879	-27201.4746
8F RF	UDCon14	Combination	Min	Top	216118.254	867.3905	-1042.6903	-53653.8024
8F RF	UDCon14	Combination	Min	Bottom	233684.2174	864.2501	-1043.2727	-53682.5963
8F RF	UDCon15	Combination	Max	Top	216574.8526	2708.3053	-255.0881	-24413.2341
8F RF	UDCon15	Combination	Max	Bottom	234140.816	2712.2117	-254.5722	-24383.3279

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
8F RF	UDCon15	Combination	Min	Top	216061.0881	710.2388	-1057.2962	-57322.9535
8F RF	UDCon15	Combination	Min	Bottom	233627.0515	706.2622	-1057.9853	-57351.6024
8F RF	UDCon16	Combination	Max	Top	216606.7287	2766.9027	-204.1301	-25221.1816
8F RF	UDCon16	Combination	Max	Bottom	234172.6921	2770.8793	-203.441	-25192.5327
8F RF	UDCon16	Combination	Min	Top	216092.9641	768.8363	-1006.3382	-58130.901
8F RF	UDCon16	Combination	Min	Bottom	233658.9275	764.9298	-1006.8541	-58160.8072
8F RF	UDCon17	Combination	Max	Top	214780.8362	2618.2189	-222.5866	-29023.2593
8F RF	UDCon17	Combination	Max	Bottom	232336.6553	2621.3593	-222.0042	-28994.4654
8F RF	UDCon17	Combination	Min	Top	214353.9942	1131.1591	-899.1644	-55453.5728
8F RF	UDCon17	Combination	Min	Bottom	231909.8133	1128.2578	-899.398	-55475.5871
8F RF	UDCon18	Combination	Max	Top	214776.3695	2362.9182	-369.9632	-27356.4155
8F RF	UDCon18	Combination	Max	Bottom	232332.1886	2365.8195	-369.7297	-27334.4012
8F RF	UDCon18	Combination	Min	Top	214349.5275	875.8584	-1046.541	-53786.729
8F RF	UDCon18	Combination	Min	Bottom	231905.3466	872.718	-1047.1234	-53815.5229
8F RF	UDCon19	Combination	Max	Top	214806.1261	2716.7731	-258.9388	-24546.1607
8F RF	UDCon19	Combination	Max	Bottom	232361.9452	2720.6796	-258.4229	-24516.2545
8F RF	UDCon19	Combination	Min	Top	214292.3615	718.7067	-1061.1469	-57455.8801
8F RF	UDCon19	Combination	Min	Bottom	231848.1806	714.7301	-1061.836	-57484.529
8F RF	UDCon20	Combination	Max	Top	214838.0022	2775.3706	-207.9807	-25354.1082
8F RF	UDCon20	Combination	Max	Bottom	232393.8212	2779.3472	-207.2916	-25325.4593
8F RF	UDCon20	Combination	Min	Top	214324.2376	777.3041	-1010.1888	-58263.8276
8F RF	UDCon20	Combination	Min	Bottom	231880.0567	773.3977	-1010.7047	-58293.7338
7F RF	Dead	LinStatic		Top	95681.1732	471.4445	-199.8533	-12333.7175
7F RF	Dead	LinStatic		Bottom	101891.4729	471.4445	-199.8533	-12333.7175
7F RF	Live	LinStatic		Top	6546.3517	-30.5171	7.685	436.5796
7F RF	Live	LinStatic		Bottom	6580.1662	-30.5171	7.685	436.5796
7F RF	FF	LinStatic		Top	74440.4352	504.4358	-259.7604	-12486.865
7F RF	FF	LinStatic		Bottom	80115.5349	504.4358	-259.7604	-12486.865
7F RF	PW	LinStatic		Top	69792.2564	517.5969	-262.1114	-12666.3998
7F RF	PW	LinStatic		Bottom	75462.6761	517.5969	-262.1114	-12666.3998
7F RF	Earthquake+x	LinStatic		Top	-423.4575	-1317.749	201.0819	21065.8096
7F RF	Earthquake+x	LinStatic		Bottom	-423.4575	-1320.8005	201.0819	21083.9703
7F RF	Earthquake+y	LinStatic		Top	451.1097	-442.787	-2076.7189	-24795.9827
7F RF	Earthquake+y	LinStatic		Bottom	451.1097	-442.787	-2079.6568	-24852.3705
7F RF	TH-X Load Case	LinModHist	Max	Top	303.7373	954.9869	478.8055	14021.2091
7F RF	TH-X Load Case	LinModHist	Max	Bottom	303.7373	957.9818	479.4019	14049.5138
7F RF	TH-X Load Case	LinModHist	Min	Top	-282.2784	-675.7781	-316.0535	-15840.9648
7F RF	TH-X Load Case	LinModHist	Min	Bottom	-282.2784	-678.6195	-316.2766	-15862.1329
7F RF	TH-Y Load Case	LinModHist	Max	Top	341.5535	1071.2554	449.5136	19126.0665
7F RF	TH-Y Load Case	LinModHist	Max	Bottom	341.5535	1075.0887	450.0252	19155.3978
7F RF	TH-Y Load Case	LinModHist	Min	Top	-370.2196	-1130.5476	-492.899	-18264.974
7F RF	TH-Y Load Case	LinModHist	Min	Bottom	-370.2196	-1134.409	-493.5824	-18293.0981
7F RF	UDCon11	Combination		Top	323883.7175	2016.1942	-974.329	-50607.4261
7F RF	UDCon11	Combination		Bottom	347584.0733	2016.1942	-974.329	-50607.4261
7F RF	UDCon12	Combination		Top	333703.2451	1970.4186	-962.8015	-49952.5568

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
7F RF	UDCon12	Combination		Bottom	357454.3225	1970.4186	-962.8015	-49952.5568
7F RF	UDCon13	Combination	Max	Top	242181.5076	2439.3089	-240.6142	-23334.7994
7F RF	UDCon13	Combination	Max	Bottom	259747.471	2442.3038	-240.0178	-23306.4946
7F RF	UDCon13	Combination	Min	Top	241595.4919	808.544	-1035.4732	-53196.9732
7F RF	UDCon13	Combination	Min	Bottom	259161.4554	805.7025	-1035.6963	-53218.1414
7F RF	UDCon14	Combination	Max	Top	242160.0487	2160.1001	-403.3662	-21515.0437
7F RF	UDCon14	Combination	Max	Bottom	259726.0121	2162.9416	-403.1431	-21493.8755
7F RF	UDCon14	Combination	Min	Top	241574.0331	529.3352	-1198.2251	-51377.2175
7F RF	UDCon14	Combination	Min	Bottom	259139.9965	526.3403	-1198.8216	-51405.5223
7F RF	UDCon15	Combination	Max	Top	242219.3239	2555.5774	-269.9061	-18229.9419
7F RF	UDCon15	Combination	Max	Bottom	259785.2873	2559.4107	-269.3945	-18200.6107
7F RF	UDCon15	Combination	Min	Top	241507.5507	353.7745	-1212.3187	-55620.9825
7F RF	UDCon15	Combination	Min	Bottom	259073.5141	349.9131	-1213.0021	-55649.1066
7F RF	UDCon16	Combination	Max	Top	242247.9899	2614.8697	-226.5207	-19091.0344
7F RF	UDCon16	Combination	Max	Bottom	259813.9534	2618.731	-225.8373	-19062.9103
7F RF	UDCon16	Combination	Min	Top	241536.2168	413.0667	-1168.9333	-56482.075
7F RF	UDCon16	Combination	Min	Bottom	259102.1802	409.2334	-1169.4449	-56511.4062
7F RF	UDCon17	Combination	Max	Top	240217.6021	2448.4641	-242.9197	-23465.7732
7F RF	UDCon17	Combination	Max	Bottom	257773.4211	2451.459	-242.3233	-23437.4685
7F RF	UDCon17	Combination	Min	Top	239631.5864	817.6991	-1037.7787	-53327.9471
7F RF	UDCon17	Combination	Min	Bottom	257187.4055	814.8577	-1038.0018	-53349.1152
7F RF	UDCon18	Combination	Max	Top	240196.1432	2169.2553	-405.6717	-21646.0175
7F RF	UDCon18	Combination	Max	Bottom	257751.9623	2172.0967	-405.4486	-21624.8494
7F RF	UDCon18	Combination	Min	Top	239610.1276	538.4903	-1200.5306	-51508.1914
7F RF	UDCon18	Combination	Min	Bottom	257165.9466	535.4954	-1201.1271	-51536.4961
7F RF	UDCon19	Combination	Max	Top	240255.4184	2564.7325	-272.2116	-18360.9158
7F RF	UDCon19	Combination	Max	Bottom	257811.2374	2568.5658	-271.7	-18331.5845
7F RF	UDCon19	Combination	Min	Top	239543.6452	362.9296	-1214.6242	-55751.9564
7F RF	UDCon19	Combination	Min	Bottom	257099.4643	359.0682	-1215.3076	-55780.0804
7F RF	UDCon20	Combination	Max	Top	240284.0844	2624.0248	-228.8262	-19222.0083
7F RF	UDCon20	Combination	Max	Bottom	257839.9035	2627.8862	-228.1428	-19193.8842
7F RF	UDCon20	Combination	Min	Top	239572.3113	422.2218	-1171.2387	-56613.0488
7F RF	UDCon20	Combination	Min	Bottom	257128.1304	418.3885	-1171.7504	-56642.3801
6F RF	Dead	LinStatic		Top	105696.733	268.7864	-241.9395	-9033.3552
6F RF	Dead	LinStatic		Bottom	111907.0327	268.7864	-241.9395	-9033.3552
6F RF	Live	LinStatic		Top	7195.9954	-37.4243	1.6132	506.539
6F RF	Live	LinStatic		Bottom	7229.8098	-37.4243	1.6132	506.539
6F RF	FF	LinStatic		Top	82317.9844	332.8183	-284.1519	-9566.2765
6F RF	FF	LinStatic		Bottom	87993.0841	332.8183	-284.1519	-9566.2765
6F RF	PW	LinStatic		Top	77210.7866	351.6132	-282.0489	-9804.4593
6F RF	PW	LinStatic		Bottom	82881.2063	351.6132	-282.0489	-9804.4593
6F RF	Earthquake+x	LinStatic		Top	-560.1765	-1418.7881	258.5432	23406.2
6F RF	Earthquake+x	LinStatic		Bottom	-560.1765	-1421.4037	258.5432	23421.7663
6F RF	Earthquake+y	LinStatic		Top	434.9501	-523.0112	-2209.4086	-25711.1714
6F RF	Earthquake+y	LinStatic		Bottom	434.9501	-523.0112	-2211.9268	-25759.5037

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
6F RF	TH-X Load Case	LinModHist	Max	Top	410.231	1047.9835	558.5347	15897.4385
6F RF	TH-X Load Case	LinModHist	Max	Bottom	410.231	1050.8362	559.1237	15925.2477
6F RF	TH-X Load Case	LinModHist	Min	Top	-363.8107	-741.5264	-377.8194	-17963.9763
6F RF	TH-X Load Case	LinModHist	Min	Bottom	-363.8107	-744.309	-378.142	-17984.3424
6F RF	TH-Y Load Case	LinModHist	Max	Top	463.7219	1185.6803	536.4738	21816.9456
6F RF	TH-Y Load Case	LinModHist	Max	Bottom	463.7219	1189.4463	536.9819	21845.7059
6F RF	TH-Y Load Case	LinModHist	Min	Top	-493.6401	-1245.139	-566.3386	-20899.8742
6F RF	TH-Y Load Case	LinModHist	Min	Bottom	-493.6401	-1248.892	-567.0164	-20927.4801
6F RF	UDCon11	Combination		Top	358054.4303	1286.8442	-1090.9894	-38345.5228
6F RF	UDCon11	Combination		Bottom	381754.7861	1286.8442	-1090.9894	-38345.5228
6F RF	UDCon12	Combination		Top	368848.4234	1230.7078	-1088.5696	-37585.7143
6F RF	UDCon12	Combination		Bottom	392599.5008	1230.7078	-1088.5696	-37585.7143
6F RF	UDCon13	Combination	Max	Top	267794.5335	1989.9742	-249.1216	-12354.6908
6F RF	UDCon13	Combination	Max	Bottom	285360.4969	1992.8269	-248.5326	-12326.8815
6F RF	UDCon13	Combination	Min	Top	267020.4918	200.4642	-1185.4757	-46216.1056
6F RF	UDCon13	Combination	Min	Bottom	284586.4552	197.6816	-1185.7984	-46236.4717
6F RF	UDCon14	Combination	Max	Top	267748.1133	1683.5171	-429.837	-10288.1529
6F RF	UDCon14	Combination	Max	Bottom	285314.0767	1686.2997	-429.5143	-10267.7868
6F RF	UDCon14	Combination	Min	Top	266974.0716	-105.9928	-1366.1911	-44149.5677
6F RF	UDCon14	Combination	Min	Bottom	284540.035	-108.8456	-1366.7801	-44177.377
6F RF	UDCon15	Combination	Max	Top	267848.0245	2127.671	-271.1826	-6435.1837
6F RF	UDCon15	Combination	Max	Bottom	285413.9879	2131.437	-270.6745	-6406.4233
6F RF	UDCon15	Combination	Min	Top	266890.6624	-303.1483	-1373.995	-49152.0034
6F RF	UDCon15	Combination	Min	Bottom	284456.6259	-306.9013	-1374.6728	-49179.6094
6F RF	UDCon16	Combination	Max	Top	267877.9426	2187.1296	-241.3177	-7352.2551
6F RF	UDCon16	Combination	Max	Bottom	285443.906	2190.8827	-240.6399	-7324.6491
6F RF	UDCon16	Combination	Min	Top	266920.5806	-243.6896	-1344.1301	-50069.0748
6F RF	UDCon16	Combination	Min	Bottom	284486.544	-247.4556	-1344.6382	-50097.8352
6F RF	UDCon17	Combination	Max	Top	265635.7349	2001.2015	-249.6056	-12506.6525
6F RF	UDCon17	Combination	Max	Bottom	283191.554	2004.0542	-249.0166	-12478.8432
6F RF	UDCon17	Combination	Min	Top	264861.6932	211.6915	-1185.9597	-46368.0673
6F RF	UDCon17	Combination	Min	Bottom	282417.5123	208.9089	-1186.2823	-46388.4334
6F RF	UDCon18	Combination	Max	Top	265589.3147	1694.7444	-430.3209	-10440.1146
6F RF	UDCon18	Combination	Max	Bottom	283145.1338	1697.527	-429.9983	-10419.7485
6F RF	UDCon18	Combination	Min	Top	264815.273	-94.7656	-1366.675	-44301.5294
6F RF	UDCon18	Combination	Min	Bottom	282371.092	-97.6183	-1367.264	-44329.3387
6F RF	UDCon19	Combination	Max	Top	265689.2259	2138.8983	-271.6666	-6587.1454
6F RF	UDCon19	Combination	Max	Bottom	283245.0449	2142.6643	-271.1584	-6558.385
6F RF	UDCon19	Combination	Min	Top	264731.8638	-291.921	-1374.4789	-49303.9651
6F RF	UDCon19	Combination	Min	Bottom	282287.6829	-295.674	-1375.1568	-49331.5711
6F RF	UDCon20	Combination	Max	Top	265719.144	2198.3569	-241.8017	-7504.2168
6F RF	UDCon20	Combination	Max	Bottom	283274.9631	2202.11	-241.1239	-7476.6108
6F RF	UDCon20	Combination	Min	Top	264761.782	-232.4624	-1344.6141	-50221.0365
6F RF	UDCon20	Combination	Min	Bottom	282317.6011	-236.2284	-1345.1222	-50249.7969
5F RF	Dead	LinStatic		Top	115748.6298	-40.4979	-206.0171	-2434.3199

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
5F RF	Dead	LinStatic		Bottom	121958.9295	-40.4979	-206.0171	-2434.3199
5F RF	Live	LinStatic		Top	7846.0257	-47.9393	-0.9851	710.0825
5F RF	Live	LinStatic		Bottom	7879.8401	-47.9393	-0.9851	710.0825
5F RF	FF	LinStatic		Top	90226.7228	72.3223	-242.1587	-3890.5956
5F RF	FF	LinStatic		Bottom	95901.8225	72.3223	-242.1587	-3890.5956
5F RF	PW	LinStatic		Top	84660.5561	99.7958	-237.9166	-4286.2531
5F RF	PW	LinStatic		Bottom	90330.9758	99.7958	-237.9166	-4286.2531
5F RF	Earthquake+x	LinStatic		Top	-705.468	-1537.5105	324.9317	26165.1335
5F RF	Earthquake+x	LinStatic		Bottom	-705.468	-1539.6901	324.9317	26178.1054
5F RF	Earthquake+y	LinStatic		Top	387.701	-658.7278	-2341.8122	-26076.9028
5F RF	Earthquake+y	LinStatic		Bottom	387.701	-658.7278	-2343.9107	-26117.1798
5F RF	TH-X Load Case	LinModHist	Max	Top	523.7677	1156.5524	648.3593	18095.9651
5F RF	TH-X Load Case	LinModHist	Max	Bottom	523.7677	1159.2705	648.9404	18123.2877
5F RF	TH-X Load Case	LinModHist	Min	Top	-444.5978	-823.8235	-450.4085	-20497.1294
5F RF	TH-X Load Case	LinModHist	Min	Bottom	-444.5978	-827.2354	-450.7324	-20516.7691
5F RF	TH-Y Load Case	LinModHist	Max	Top	594.083	1319.4861	635.4353	25030.3617
5F RF	TH-Y Load Case	LinModHist	Max	Bottom	594.083	1323.1909	635.9413	25058.5739
5F RF	TH-Y Load Case	LinModHist	Min	Top	-630.052	-1378.6762	-648.7186	-24043.8093
5F RF	TH-Y Load Case	LinModHist	Min	Bottom	-630.052	-1382.3294	-649.3914	-24070.9139
5F RF	UDCon11	Combination		Top	392358.4767	177.6873	-926.2247	-14325.0776
5F RF	UDCon11	Combination		Bottom	416058.8324	177.6873	-926.2247	-14325.0776
5F RF	UDCon12	Combination		Top	404127.5152	105.7783	-927.7024	-13259.9539
5F RF	UDCon12	Combination		Bottom	427878.5926	105.7783	-927.7024	-13259.9539
5F RF	UDCon13	Combination	Max	Top	293513.4841	1273.7908	-38.0287	7697.8212
5F RF	UDCon13	Combination	Max	Bottom	311079.4475	1276.5089	-37.4475	7725.1438
5F RF	UDCon13	Combination	Min	Top	292545.1186	-706.5851	-1136.7964	-30895.2732
5F RF	UDCon13	Combination	Min	Bottom	310111.082	-709.997	-1137.1203	-30914.9129
5F RF	UDCon14	Combination	Max	Top	293434.3142	941.0619	-235.9795	10098.9855
5F RF	UDCon14	Combination	Max	Bottom	311000.2776	944.4738	-235.6555	10118.6252
5F RF	UDCon14	Combination	Min	Top	292465.9486	-1039.3139	-1334.7472	-28494.1089
5F RF	UDCon14	Combination	Min	Bottom	310031.9121	-1042.0321	-1335.3283	-28521.4316
5F RF	UDCon15	Combination	Max	Top	293583.7993	1436.7245	-50.9526	14632.2178
5F RF	UDCon15	Combination	Max	Bottom	311149.7627	1440.4293	-50.4467	14660.43
5F RF	UDCon15	Combination	Min	Top	292359.6644	-1261.4378	-1335.1065	-34441.9532
5F RF	UDCon15	Combination	Min	Bottom	309925.6278	-1265.091	-1335.7793	-34469.0577
5F RF	UDCon16	Combination	Max	Top	293619.7684	1495.9146	-37.6693	13645.6654
5F RF	UDCon16	Combination	Max	Bottom	311185.7318	1499.5678	-36.9965	13672.77
5F RF	UDCon16	Combination	Min	Top	292395.6334	-1202.2477	-1321.8233	-35428.5055
5F RF	UDCon16	Combination	Min	Bottom	309961.5968	-1205.9525	-1322.3292	-35456.7178
5F RF	UDCon17	Combination	Max	Top	291159.6764	1288.1725	-37.7331	7484.7965
5F RF	UDCon17	Combination	Max	Bottom	308715.4955	1290.8906	-37.152	7512.1191
5F RF	UDCon17	Combination	Min	Top	290191.3109	-692.2033	-1136.5009	-31108.298
5F RF	UDCon17	Combination	Min	Bottom	307747.1299	-695.6152	-1136.8248	-31127.9377
5F RF	UDCon18	Combination	Max	Top	291080.5065	955.4437	-235.6839	9885.9607
5F RF	UDCon18	Combination	Max	Bottom	308636.3255	958.8556	-235.36	9905.6005

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
5F RF	UDCon18	Combination	Min	Top	290112.1409	-1024.9322	-1334.4517	-28707.1337
5F RF	UDCon18	Combination	Min	Bottom	307667.96	-1027.6503	-1335.0328	-28734.4563
5F RF	UDCon19	Combination	Max	Top	291229.9916	1451.1063	-50.657	14419.1931
5F RF	UDCon19	Combination	Max	Bottom	308785.8107	1454.8111	-50.1511	14447.4053
5F RF	UDCon19	Combination	Min	Top	290005.8567	-1247.056	-1334.811	-34654.9779
5F RF	UDCon19	Combination	Min	Bottom	307561.6757	-1250.7092	-1335.4838	-34682.0825
5F RF	UDCon20	Combination	Max	Top	291265.9607	1510.2964	-37.3738	13432.6407
5F RF	UDCon20	Combination	Max	Bottom	308821.7797	1513.9496	-36.701	13459.7452
5F RF	UDCon20	Combination	Min	Top	290041.8257	-1187.8659	-1321.5277	-35641.5303
5F RF	UDCon20	Combination	Min	Bottom	307597.6448	-1191.5707	-1322.0337	-35669.7425
4F RF	Dead	LinStatic		Top	125272.7558	-376.6151	-261.0768	-568.3521
4F RF	Dead	LinStatic		Bottom	131483.0555	-376.6151	-261.0768	-568.3521
4F RF	Live	LinStatic		Top	8473.0366	-59.9882	-4.5129	754.178
4F RF	Live	LinStatic		Bottom	8506.8511	-59.9882	-4.5129	754.178
4F RF	FF	LinStatic		Top	97696.8195	-207.3079	-279.351	-2253.9064
4F RF	FF	LinStatic		Bottom	103371.9192	-207.3079	-279.351	-2253.9064
4F RF	PW	LinStatic		Top	91687.9335	-169.1954	-272.7953	-2716.4976
4F RF	PW	LinStatic		Bottom	97358.3532	-169.1954	-272.7953	-2716.4976
4F RF	Earthquake+x	LinStatic		Top	-1010.6162	-1621.4194	321.436	26497.1573
4F RF	Earthquake+x	LinStatic		Bottom	-1010.6162	-1623.1631	321.436	26507.5348
4F RF	Earthquake+y	LinStatic		Top	228.1545	-802.0733	-2481.0705	-26365.2789
4F RF	Earthquake+y	LinStatic		Bottom	228.1545	-802.0733	-2482.7493	-26397.5005
4F RF	TH-X Load Case	LinModHist	Max	Top	761.33	1244.3269	697.6322	18831.131
4F RF	TH-X Load Case	LinModHist	Max	Bottom	761.33	1246.9223	698.205	18857.9844
4F RF	TH-X Load Case	LinModHist	Min	Top	-605.2977	-904.1141	-477.8118	-21145.4681
4F RF	TH-X Load Case	LinModHist	Min	Bottom	-605.2977	-907.5596	-478.1392	-21164.4839
4F RF	TH-Y Load Case	LinModHist	Max	Top	867.5835	1431.5712	677.4828	25967.8561
4F RF	TH-Y Load Case	LinModHist	Max	Bottom	867.5835	1435.2211	677.9878	25995.5572
4F RF	TH-Y Load Case	LinModHist	Min	Top	-914.596	-1489.7557	-704.3476	-24994.082
4F RF	TH-Y Load Case	LinModHist	Min	Bottom	-914.596	-1493.3193	-705.0159	-25020.708
4F RF	UDCon11	Combination		Top	424787.637	-1016.7098	-1097.8512	-7477.3208
4F RF	UDCon11	Combination		Bottom	448487.9928	-1016.7098	-1097.8512	-7477.3208
4F RF	UDCon12	Combination		Top	437497.192	-1106.6921	-1104.6206	-6346.0538
4F RF	UDCon12	Combination		Bottom	461248.2694	-1106.6921	-1104.6206	-6346.0538
4F RF	UDCon13	Combination	Max	Top	317960.7499	473.2121	-116.9448	13518.6282
4F RF	UDCon13	Combination	Max	Bottom	335526.7133	475.8075	-116.372	13545.4816
4F RF	UDCon13	Combination	Min	Top	316594.1222	-1675.2289	-1292.3888	-26457.9708
4F RF	UDCon13	Combination	Min	Bottom	334160.0856	-1678.6744	-1292.7161	-26476.9867
4F RF	UDCon14	Combination	Max	Top	317804.7176	132.9993	-336.7652	15832.9653
4F RF	UDCon14	Combination	Max	Bottom	335370.681	136.4448	-336.4378	15851.9812
4F RF	UDCon14	Combination	Min	Top	316438.0899	-2015.4417	-1512.2091	-24143.6338
4F RF	UDCon14	Combination	Min	Bottom	334004.0533	-2018.0371	-1512.782	-24170.4872
4F RF	UDCon15	Combination	Max	Top	318067.0035	660.4563	-137.0942	20655.3534
4F RF	UDCon15	Combination	Max	Bottom	335632.9669	664.1062	-136.5892	20683.0544
4F RF	UDCon15	Combination	Min	Top	316284.8239	-2260.8706	-1518.9246	-30306.5848

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
4F RF	UDCon15	Combination	Min	Bottom	333850.7873	-2264.4341	-1519.5929	-30333.2108
4F RF	UDCon16	Combination	Max	Top	318114.0159	718.6409	-110.2293	19681.5793
4F RF	UDCon16	Combination	Max	Bottom	335679.9793	722.2045	-109.561	19708.2053
4F RF	UDCon16	Combination	Min	Top	316331.8364	-2202.686	-1492.0598	-31280.3589
4F RF	UDCon16	Combination	Min	Bottom	333897.7998	-2206.3359	-1492.5647	-31308.06
4F RF	UDCon17	Combination	Max	Top	315418.8389	491.2085	-115.5909	13292.3748
4F RF	UDCon17	Combination	Max	Bottom	332974.658	493.8039	-115.0181	13319.2282
4F RF	UDCon17	Combination	Min	Top	314052.2112	-1657.2325	-1291.0349	-26684.2243
4F RF	UDCon17	Combination	Min	Bottom	331608.0303	-1660.678	-1291.3623	-26703.2401
4F RF	UDCon18	Combination	Max	Top	315262.8066	150.9957	-335.4113	15606.7119
4F RF	UDCon18	Combination	Max	Bottom	332818.6257	154.4412	-335.0839	15625.7277
4F RF	UDCon18	Combination	Min	Top	313896.1789	-1997.4453	-1510.8552	-24369.8872
4F RF	UDCon18	Combination	Min	Bottom	331451.998	-2000.0407	-1511.4281	-24396.7406
4F RF	UDCon19	Combination	Max	Top	315525.0925	678.4528	-135.7403	20429.0999
4F RF	UDCon19	Combination	Max	Bottom	333080.9115	682.1027	-135.2353	20456.801
4F RF	UDCon19	Combination	Min	Top	313742.9129	-2242.8741	-1517.5707	-30532.8382
4F RF	UDCon19	Combination	Min	Bottom	331298.732	-2246.4377	-1518.239	-30559.4642
4F RF	UDCon20	Combination	Max	Top	315572.1049	736.6374	-108.8754	19455.3258
4F RF	UDCon20	Combination	Max	Bottom	333127.924	740.2009	-108.2072	19481.9519
4F RF	UDCon20	Combination	Min	Top	313789.9254	-2184.6895	-1490.7059	-31506.6123
4F RF	UDCon20	Combination	Min	Bottom	331345.7444	-2188.3394	-1491.2108	-31534.3134
3F RF	Dead	LinStatic		Top	135925.4691	-1109.4832	1742.4679	70450.5984
3F RF	Dead	LinStatic		Bottom	142135.7688	-1109.4832	1742.4679	70450.5984
3F RF	Live	LinStatic		Top	9128.8409	-88.1489	70.6223	3677.4586
3F RF	Live	LinStatic		Bottom	9162.6553	-88.1489	70.6223	3677.4586
3F RF	FF	LinStatic		Top	106148.1002	-813.7897	1418.8597	57013.5473
3F RF	FF	LinStatic		Bottom	111823.1999	-813.7897	1418.8597	57013.5473
3F RF	PW	LinStatic		Top	99678.0834	-753.2446	1374.7453	54534.6037
3F RF	PW	LinStatic		Bottom	105348.5031	-753.2446	1374.7453	54534.6037
3F RF	Earthquake+x	LinStatic		Top	-783.463	-1881.0543	876.4572	41219.741
3F RF	Earthquake+x	LinStatic		Bottom	-783.463	-1882.3621	876.4572	41227.5241
3F RF	Earthquake+y	LinStatic		Top	320.2769	-997.8827	-2363.1003	-23737.5081
3F RF	Earthquake+y	LinStatic		Bottom	320.2769	-997.8827	-2364.3594	-23761.6743
3F RF	TH-X Load Case	LinModHist	Max	Top	603.4412	1476.0562	1031.7896	28068.0812
3F RF	TH-X Load Case	LinModHist	Max	Bottom	603.4412	1478.5441	1032.3546	28094.506
3F RF	TH-X Load Case	LinModHist	Min	Top	-499.5691	-1097.3092	-847.8342	-32957.9432
3F RF	TH-X Load Case	LinModHist	Min	Bottom	-499.5691	-1100.7803	-848.1677	-32976.4688
3F RF	TH-Y Load Case	LinModHist	Max	Top	692.6825	1714.4162	1145.3198	40380.0163
3F RF	TH-Y Load Case	LinModHist	Max	Bottom	692.6825	1718.0167	1145.8261	40407.2727
3F RF	TH-Y Load Case	LinModHist	Min	Top	-729.8705	-1776.2512	-1003.4625	-38822.552
3F RF	TH-Y Load Case	LinModHist	Min	Bottom	-729.8705	-1779.7357	-1003.7119	-38848.7408
3F RF	UDCon11	Combination		Top	461364.7312	-3613.2986	6123.6984	245698.3118
3F RF	UDCon11	Combination		Bottom	485065.087	-3613.2986	6123.6984	245698.3118
3F RF	UDCon12	Combination		Top	475057.9925	-3745.522	6229.6319	251214.4998
3F RF	UDCon12	Combination		Bottom	498809.07	-3745.522	6229.6319	251214.4998

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
3F RF	UDCon13	Combination	Max	Top	345093.7463	-1226.9059	5589.0492	211170.0683
3F RF	UDCon13	Combination	Max	Bottom	362659.7097	-1224.418	5589.6142	211196.4931
3F RF	UDCon13	Combination	Min	Top	343990.7359	-3800.2713	3709.4254	150144.0439
3F RF	UDCon13	Combination	Min	Bottom	361556.6993	-3803.7424	3709.0919	150125.5183
3F RF	UDCon14	Combination	Max	Top	344989.8742	-1605.653	5405.0938	216059.9302
3F RF	UDCon14	Combination	Max	Bottom	362555.8376	-1602.1819	5405.4273	216078.4558
3F RF	UDCon14	Combination	Min	Top	343886.8638	-4179.0184	3525.47	155033.9058
3F RF	UDCon14	Combination	Min	Bottom	361452.8272	-4181.5063	3524.905	155007.4811
3F RF	UDCon15	Combination	Max	Top	345182.9875	-988.546	5702.5794	223482.0034
3F RF	UDCon15	Combination	Max	Bottom	362748.9509	-984.9455	5703.0857	223509.2598
3F RF	UDCon15	Combination	Min	Top	343760.4345	-4479.2133	3553.7971	144279.435
3F RF	UDCon15	Combination	Min	Bottom	361326.3979	-4482.6979	3553.5477	144253.2463
3F RF	UDCon16	Combination	Max	Top	345220.1755	-926.711	5560.7221	221924.5391
3F RF	UDCon16	Combination	Max	Bottom	362786.1389	-923.2264	5560.9715	221950.7279
3F RF	UDCon16	Combination	Min	Top	343797.6225	-4417.3783	3411.9398	142721.9708
3F RF	UDCon16	Combination	Min	Bottom	361363.5859	-4420.9788	3411.4335	142694.7143
3F RF	UDCon17	Combination	Max	Top	342355.094	-1200.4612	5567.8625	210066.8307
3F RF	UDCon17	Combination	Max	Bottom	359910.9131	-1197.9734	5568.4275	210093.2555
3F RF	UDCon17	Combination	Min	Top	341252.0836	-3773.8267	3688.2387	149040.8063
3F RF	UDCon17	Combination	Min	Bottom	358807.9027	-3777.2978	3687.9052	149022.2807
3F RF	UDCon18	Combination	Max	Top	342251.2219	-1579.2083	5383.9072	214956.6926
3F RF	UDCon18	Combination	Max	Bottom	359807.041	-1575.7372	5384.2406	214975.2183
3F RF	UDCon18	Combination	Min	Top	341148.2115	-4152.5737	3504.2833	153930.6682
3F RF	UDCon18	Combination	Min	Bottom	358704.0306	-4155.0616	3503.7183	153904.2435
3F RF	UDCon19	Combination	Max	Top	342444.3352	-962.1013	5681.3927	222378.7658
3F RF	UDCon19	Combination	Max	Bottom	360000.1543	-958.5008	5681.899	222406.0222
3F RF	UDCon19	Combination	Min	Top	341021.7822	-4452.7686	3532.6104	143176.1975
3F RF	UDCon19	Combination	Min	Bottom	358577.6013	-4456.2532	3532.361	143150.0087
3F RF	UDCon20	Combination	Max	Top	342481.5233	-900.2663	5539.5354	220821.3015
3F RF	UDCon20	Combination	Max	Bottom	360037.3423	-896.7818	5539.7848	220847.4903
3F RF	UDCon20	Combination	Min	Top	341058.9703	-4390.9337	3390.7531	141618.7332
3F RF	UDCon20	Combination	Min	Bottom	358614.7893	-4394.5342	3390.2468	141591.4767
2F RF	Dead	LinStatic		Top	146675.0205	-1430.2707	-1386.0774	18191.5182
2F RF	Dead	LinStatic		Bottom	155420.3098	-1430.2707	-1386.0774	18191.5182
2F RF	Live	LinStatic		Top	9729.1685	-53.462	-63.9676	1026.7422
2F RF	Live	LinStatic		Bottom	9762.983	-53.462	-63.9676	1026.7422
2F RF	FF	LinStatic		Top	114684.0072	-1120.1262	-1188.0573	13275.1444
2F RF	FF	LinStatic		Bottom	122894.0966	-1120.1262	-1188.0573	13275.1444
2F RF	PW	LinStatic		Top	107793.8759	-1087.7326	-1138.8501	12681.2431
2F RF	PW	LinStatic		Bottom	115999.2852	-1087.7326	-1138.8501	12681.2431
2F RF	Earthquake+x	LinStatic		Top	342.9082	-1827.7669	539.6942	30009.6334
2F RF	Earthquake+x	LinStatic		Bottom	342.9082	-1828.6387	539.6942	30014.8222
2F RF	Earthquake+y	LinStatic		Top	988.2037	-468.8687	-2947.6511	-42455.0824
2F RF	Earthquake+y	LinStatic		Bottom	988.2037	-468.8687	-2948.4905	-42471.1932
2F RF	TH-X Load Case	LinModHist	Max	Top	120.7946	1466.6941	985.2843	25171.9779

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
2F RF	TH-X Load Case	LinModHist	Max	Bottom	120.7946	1469.0922	985.8433	25198.0459
2F RF	TH-X Load Case	LinModHist	Min	Top	-191.503	-1193.7211	-715.9381	-25397.2737
2F RF	TH-X Load Case	LinModHist	Min	Bottom	-191.503	-1197.2094	-716.2839	-25415.5389
2F RF	TH-Y Load Case	LinModHist	Max	Top	207.9845	1714.1732	999.4315	31879.4271
2F RF	TH-Y Load Case	LinModHist	Max	Bottom	207.9845	1717.7295	999.9454	31906.3792
2F RF	TH-Y Load Case	LinModHist	Min	Top	-164.6825	-1788.3964	-951.8836	-30683.0846
2F RF	TH-Y Load Case	LinModHist	Min	Bottom	-164.6825	-1791.813	-952.5496	-30708.9163
2F RF	UDCon11	Combination		Top	498356.4198	-4911.4748	-5012.5294	59599.6726
2F RF	UDCon11	Combination		Bottom	532323.4837	-4911.4748	-5012.5294	59599.6726
2F RF	UDCon12	Combination		Top	512950.1727	-4991.6678	-5108.4808	61139.7858
2F RF	UDCon12	Combination		Bottom	546967.9582	-4991.6678	-5108.4808	61139.7858
2F RF	UDCon13	Combination	Max	Top	372192.4488	-2187.474	-2746.8907	69627.9062
2F RF	UDCon13	Combination	Max	Bottom	397363.3812	-2185.0759	-2746.3317	69653.9742
2F RF	UDCon13	Combination	Min	Top	371880.1512	-4847.8892	-4448.1131	19058.6546
2F RF	UDCon13	Combination	Min	Bottom	397051.0836	-4851.3774	-4448.459	19040.3893
2F RF	UDCon14	Combination	Max	Top	372263.1571	-2460.4469	-3016.2369	69853.2019
2F RF	UDCon14	Combination	Max	Bottom	397434.0895	-2456.9587	-3015.8911	69871.4672
2F RF	UDCon14	Combination	Min	Top	371950.8595	-5120.8622	-4717.4593	19283.9503
2F RF	UDCon14	Combination	Min	Bottom	397121.7919	-5123.2602	-4718.0184	19257.8823
2F RF	UDCon15	Combination	Max	Top	372279.6387	-1939.9949	-2732.7435	76335.3553
2F RF	UDCon15	Combination	Max	Bottom	397450.5711	-1936.4386	-2732.2297	76362.3074
2F RF	UDCon15	Combination	Min	Top	371906.9717	-5442.5645	-4684.0587	13772.8436
2F RF	UDCon15	Combination	Min	Bottom	397077.9041	-5445.981	-4684.7246	13747.012
2F RF	UDCon16	Combination	Max	Top	372236.3366	-1865.7716	-2780.2914	75139.0129
2F RF	UDCon16	Combination	Max	Bottom	397407.269	-1862.3551	-2779.6254	75164.8446
2F RF	UDCon16	Combination	Min	Top	371863.6696	-5368.3412	-4731.6065	12576.5012
2F RF	UDCon16	Combination	Min	Bottom	397034.602	-5371.8976	-4732.1204	12549.5491
2F RF	UDCon17	Combination	Max	Top	369273.6982	-2171.4353	-2727.7004	69319.8836
2F RF	UDCon17	Combination	Max	Bottom	394434.4863	-2169.0373	-2727.1414	69345.9516
2F RF	UDCon17	Combination	Min	Top	368961.4006	-4831.8506	-4428.9228	18750.632
2F RF	UDCon17	Combination	Min	Bottom	394122.1887	-4835.3388	-4429.2687	18732.3667
2F RF	UDCon18	Combination	Max	Top	369344.4066	-2444.4083	-2997.0466	69545.1793
2F RF	UDCon18	Combination	Max	Bottom	394505.1946	-2440.9201	-2996.7008	69563.4445
2F RF	UDCon18	Combination	Min	Top	369032.109	-5104.8236	-4698.269	18975.9277
2F RF	UDCon18	Combination	Min	Bottom	394192.897	-5107.2216	-4698.8281	18949.8597
2F RF	UDCon19	Combination	Max	Top	369360.8881	-1923.9563	-2713.5533	76027.3327
2F RF	UDCon19	Combination	Max	Bottom	394521.6762	-1920.4	-2713.0394	76054.2848
2F RF	UDCon19	Combination	Min	Top	368988.2211	-5426.5259	-4664.8684	13464.821
2F RF	UDCon19	Combination	Min	Bottom	394149.0092	-5429.9424	-4665.5343	13438.9893
2F RF	UDCon20	Combination	Max	Top	369317.586	-1849.733	-2761.1011	74830.9902
2F RF	UDCon20	Combination	Max	Bottom	394478.3741	-1846.3165	-2760.4351	74856.8219
2F RF	UDCon20	Combination	Min	Top	368944.919	-5352.3026	-4712.4162	12268.4786
2F RF	UDCon20	Combination	Min	Bottom	394105.7071	-5355.859	-4712.9301	12241.5264
1F RF	Dead	LinStatic		Top	131087.9828	-3.9901	-56.4695	-1243.1134
1F RF	Dead	LinStatic		Bottom	139731.8873	-3.9901	-56.4695	-1243.1134

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
1F RF	Live	LinStatic		Top	9310.5785	-1.1104	-2.7343	-41.3624
1F RF	Live	LinStatic		Bottom	9344.3929	-1.1104	-2.7343	-41.3624
1F RF	FF	LinStatic		Top	101575.0939	-0.9022	-48.1713	-1088.9683
1F RF	FF	LinStatic		Bottom	109683.7984	-0.9022	-48.1713	-1088.9683
1F RF	PW	LinStatic		Top	94956.8543	0.1446	-46.4138	-1065.3346
1F RF	PW	LinStatic		Bottom	103060.8788	0.1446	-46.4138	-1065.3346
1F RF	Earthquake+x	LinStatic		Top	-4933.4211	-3484.5962	-546.542	27201.5044
1F RF	Earthquake+x	LinStatic		Bottom	-4933.4211	-3485.0322	-546.542	27204.0988
1F RF	Earthquake+y	LinStatic		Top	-10.4046	205.3484	-2230.6394	-29340.0076
1F RF	Earthquake+y	LinStatic		Bottom	-10.4046	205.3484	-2231.0591	-29348.063
1F RF	TH-X Load Case	LinModHist	Max	Top	3815.9722	3266.3207	582.8287	32881.4693
1F RF	TH-X Load Case	LinModHist	Max	Bottom	3815.9722	3269.9214	583.2337	32909.0895
1F RF	TH-X Load Case	LinModHist	Min	Top	-2980.7083	-2758.6589	-228.6661	-30865.5916
1F RF	TH-X Load Case	LinModHist	Min	Bottom	-2980.7083	-2762.1039	-228.8092	-30892.5392
1F RF	TH-Y Load Case	LinModHist	Max	Top	4407.9761	3726.3672	333.1339	38604.6852
1F RF	TH-Y Load Case	LinModHist	Max	Bottom	4407.9761	3729.8435	333.3909	38638.1403
1F RF	TH-Y Load Case	LinModHist	Min	Top	-4614.7762	-3865.8071	-778.4872	-34941.436
1F RF	TH-Y Load Case	LinModHist	Min	Bottom	-4614.7762	-3870.219	-779.1226	-34966.5585
1F RF	UDCon11	Combination		Top	442286.9068	-6.4095	-203.9237	-4586.512
1F RF	UDCon11	Combination		Bottom	475843.362	-6.4095	-203.9237	-4586.512
1F RF	UDCon12	Combination		Top	456252.7745	-8.0751	-208.0252	-4648.5555
1F RF	UDCon12	Combination		Bottom	489859.9514	-8.0751	-208.0252	-4648.5555
1F RF	UDCon13	Combination	Max	Top	334229.0767	3261.2398	430.9538	29471.6443
1F RF	UDCon13	Combination	Max	Bottom	359095.8545	3264.8405	431.3588	29499.2645
1F RF	UDCon13	Combination	Min	Top	327432.3962	-2763.7398	-380.5409	-34275.4166
1F RF	UDCon13	Combination	Min	Bottom	352299.174	-2767.1849	-380.6841	-34302.3642
1F RF	UDCon14	Combination	Max	Top	333393.8128	2753.578	76.7912	27455.7666
1F RF	UDCon14	Combination	Max	Bottom	358260.5906	2757.023	76.9343	27482.7142
1F RF	UDCon14	Combination	Min	Top	326597.1323	-3271.4016	-734.7036	-36291.2943
1F RF	UDCon14	Combination	Min	Bottom	351463.9101	-3275.0023	-735.1086	-36318.9145
1F RF	UDCon15	Combination	Max	Top	334821.0806	3721.2863	181.2591	35194.8602
1F RF	UDCon15	Combination	Max	Bottom	359687.8584	3724.7626	181.516	35228.3153
1F RF	UDCon15	Combination	Min	Top	325798.3284	-3870.888	-930.3621	-38351.261
1F RF	UDCon15	Combination	Min	Bottom	350665.1062	-3875.2999	-930.9975	-38376.3835
1F RF	UDCon16	Combination	Max	Top	335027.8807	3860.7262	626.6123	31531.611
1F RF	UDCon16	Combination	Max	Bottom	359894.6585	3865.1381	627.2477	31556.7335
1F RF	UDCon16	Combination	Min	Top	326005.1284	-3731.4481	-485.0088	-42014.5102
1F RF	UDCon16	Combination	Min	Bottom	350871.9062	-3734.9244	-485.2658	-42047.9653
1F RF	UDCon17	Combination	Max	Top	331435.9032	3261.5729	431.7741	29484.053
1F RF	UDCon17	Combination	Max	Bottom	356292.5367	3265.1736	432.1791	29511.6732
1F RF	UDCon17	Combination	Min	Top	324639.2227	-2763.4067	-379.7207	-34263.0079
1F RF	UDCon17	Combination	Min	Bottom	349495.8562	-2766.8517	-379.8638	-34289.9555
1F RF	UDCon18	Combination	Max	Top	330600.6393	2753.9111	77.6115	27468.1753
1F RF	UDCon18	Combination	Max	Bottom	355457.2728	2757.3561	77.7546	27495.1229
1F RF	UDCon18	Combination	Min	Top	323803.9588	-3271.0685	-733.8833	-36278.8856

Table 3.8 - Story Forces (Part 1 of 2, continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
1F RF	UDCon18	Combination	Min	Bottom	348660.5923	-3274.6692	-734.2883	-36306.5058
1F RF	UDCon19	Combination	Max	Top	332027.9071	3721.6194	182.0793	35207.269
1F RF	UDCon19	Combination	Max	Bottom	356884.5406	3725.0957	182.3363	35240.724
1F RF	UDCon19	Combination	Min	Top	323005.1548	-3870.5549	-929.5418	-38338.8523
1F RF	UDCon19	Combination	Min	Bottom	347861.7883	-3874.9668	-930.1772	-38363.9748
1F RF	UDCon20	Combination	Max	Top	332234.7071	3861.0593	627.4326	31544.0197
1F RF	UDCon20	Combination	Max	Bottom	357091.3406	3865.4712	628.068	31569.1422
1F RF	UDCon20	Combination	Min	Top	323211.9549	-3731.115	-484.1885	-42002.1015
1F RF	UDCon20	Combination	Min	Bottom	348068.5883	-3734.5913	-484.4455	-42035.5566

Table 3.8 - Story Forces (Part 2 of 2)

MX kN-m	MY kN-m
58714.3436	-84375.6248
131725.3096	-184169.766
9013.1589	-10639.7831
9071.2254	-11250.8584
32883.9868	-51279.7002
100032.8265	-142636.1286
26219.6162	-43506.2657
93465.3511	-134838.2339
843.2367	-3023.2606
1091.6295	-4181.7966
1326.7785	463.42
1953.6177	-415.6829
363.3205	2171.5647
486.5382	2921.4245
-591.4885	-1790.76
-767.1906	-2238.3545
711.253	2459.9046
914.1443	3263.5465
-660.7246	-2613.3717
-839.8666	-3485.8317
159054.2277	-241868.1475
439051.7078	-623219.5735
172573.966	-257827.8221
452658.5459	-640095.8611
120885.2146	-180181.9609
328431.3931	-462097.9616
119930.4056	-184144.2856
327177.6643	-467257.7405
121113.3827	-180562.7656
328712.0455	-462781.0316
120158.5737	-184525.0903
327458.3167	-467940.8105

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
121233.1472	-179893.621
328858.9991	-461755.8395
119861.1696	-184966.8974
327104.9883	-468505.2178
121182.6187	-179740.1539
328784.7215	-461533.5543
119810.6411	-184813.4302
327030.7106	-468282.9326
118181.267	-176990.026
325710.0254	-458722.7041
117226.4579	-180952.3507
324456.2966	-463882.483
118409.435	-177370.8307
325990.6779	-459405.7741
117454.626	-181333.1554
324736.9491	-464565.553
118529.1995	-176701.6861
326137.6315	-458380.582
117157.2219	-181774.9625
324383.6206	-465129.9603
118478.671	-176548.219
326063.3539	-458158.2968
117106.6935	-181621.4953
324309.343	-464907.6751
183223.3729	-246404.3415
256020.2342	-349800.0975
16845.2099	-20021.2892
16972.0406	-20811.7071
131847.8238	-181191.5841
198720.5758	-275692.4277
119515.4569	-166947.0512
186433.3437	-261292.7962
427.0194	-6189.2942
561.0972	-7532.1677
3862.7297	-340.9637
5539.778	-980.6427
195.9041	4292.7174
280.0048	5150.0684
-295.639	-3366.5086
-413.4361	-3922.3481
370.829	4800.4427
453.569	5720.9059
-314.6024	-5134.5552
-376.0647	-6135.2076
586691.9824	-802633.0187

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
865585.1075	-1197160
611959.7972	-832664.9525
891043.1684	-1228378
439836.1207	-596256.6462
646545.7707	-887878.7652
439344.5775	-603915.8722
645852.3297	-896951.1817
439935.8556	-597182.8549
646679.202	-889106.4855
439444.3125	-604842.081
645985.7611	-898178.902
440011.0456	-595748.9209
646719.3349	-887307.9277
439325.6141	-605683.9188
645889.7012	-899164.0412
439954.819	-595414.8084
646641.8306	-886893.626
439269.3875	-605349.8063
645812.1969	-898749.7395
434782.5577	-590250.2594
641454.1585	-881635.2531
434291.0146	-597909.4855
640760.7176	-890707.6696
434882.2926	-591176.4682
641587.5899	-882862.9733
434390.7495	-598835.6942
640894.1489	-891935.3899
434957.4827	-589742.5341
641627.7227	-881064.4155
434272.0512	-599677.532
640798.089	-892920.5291
434901.2561	-589408.4217
641550.2184	-880650.1138
434215.8246	-599343.4195
640720.5847	-892506.2274
300159.3508	-399502.2728
373097.8154	-503103.2527
24524.2932	-29300.4038
24661.1129	-30089.7088
223951.2724	-303090.2582
290918.875	-397758.9533
206059.7184	-282413.8441
273063.6808	-376927.9939
-133.5882	-9371.8433
-77.1317	-11266.5134

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
8012.613	-871.054
10608.8405	-1594.4014
402.9132	6449.3348
520.8717	7674.2087
-854.2993	-4893.8765
-1173.3642	-5713.1334
958.5338	7150.3354
1305.3861	8471.4761
-604.4542	-7680.0243
-796.1805	-9159.8349
985729.9611	-1329759
1265058.501	-1725017
1022516.401	-1373709
1302050.1704	-1770151
737930.5428	-987347.1615
944999.5767	-1279143
736673.3303	-998690.3728
943305.3408	-1292530
738381.9288	-988902.6198
945652.0692	-1281104
737124.7163	-1000246
943957.8333	-1294491
738486.1634	-986646.1609
945784.0911	-1278346
736923.1754	-1001477
943682.5245	-1295977
738132.0837	-986116.472
945274.8855	-1277657
736569.0957	-1000947
943173.3189	-1295289
730573.2548	-978557.0404
937601.2428	-1270116
729316.0423	-989900.2516
935907.0069	-1283503
731024.6409	-980112.4986
938253.7353	-1272077
729767.4284	-991455.7099
936559.4994	-1285464
731128.8754	-977856.0398
938385.7572	-1269319
729565.8874	-992686.3994
936284.1906	-1286950
730774.7957	-977326.3509
937876.5516	-1268630
729211.8078	-992156.7105

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
935774.985	-1286262
418425.807	-556990.0483
491368.9193	-660528.9753
32251.6755	-38653.9202
32393.9261	-39433.0529
316896.3996	-428313.6005
383866.7384	-522935.2574
293410.8773	-401139.9112
360412.3329	-495613.996
-874.3958	-13637.8331
-922.1594	-15991.7655
13436.7098	-1203.1428
16902.0029	-2020.4265
1153.6073	9324.59
1396.95	10866.1475
-1916.2482	-6983.8939
-2420.1279	-8030.6371
2025.2132	10292.3462
2558.3985	11961.036
-1638.2658	-11123.2699
-2005.9929	-12974.664
1388789.6633	-1871699
1668124.7874	-2266756
1437167.1766	-1929680
1716715.6765	-2325905
1039562.1939	-1388715
1246763.1185	-1680042
1036492.3384	-1405024
1242946.0406	-1698939
1040324.8348	-1391056
1247786.2964	-1682878
1037254.9793	-1407364
1243969.2185	-1701774
1040433.7998	-1387747
1247924.5669	-1678947
1036770.3208	-1409163
1243360.1755	-1703883
1040046.8524	-1386916
1247372.1614	-1677933
1036383.3734	-1408332
1242807.77	-1702869
1029886.6912	-1377119
1237044.9406	-1668212
1026816.8357	-1393427
1233227.8627	-1687109

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
1030649.3322	-1379460
1238068.1185	-1671048
1027579.4767	-1395768
1234251.0406	-1689944
1030758.2971	-1376151
1238206.3891	-1667117
1027094.8181	-1397567
1233641.9977	-1692053
1030371.3497	-1375320
1237653.9836	-1666104
1026707.8708	-1396736
1233089.5922	-1691039
537798.8352	-716467.0601
610771.2068	-819970.7614
40081.651	-48145.223
40228.2369	-48916.5042
410568.2838	-554929.3126
477557.6486	-649529.1405
381415.9514	-521164.5799
448432.6719	-615621.9568
-1713.881	-18882.5937
-1854.2574	-21678.402
20012.8765	-1484.8266
24266.5899	-2395.1546
2069.9845	12884.3608
2435.9461	14743.4871
-3230.8659	-9589.9517
-3915.3364	-10867.1917
3343.6689	14193.2601
4061.131	16214.334
-2907.524	-15366.3178
-3448.6206	-17583.7151
1795207.145	-2419957
2074628.0618	-2814915
1855329.6215	-2492175
2134970.4171	-2888289
1343877.5502	-1794120
1551265.9444	-2085053
1338576.6997	-1816594
1544914.662	-2110664
1345038.4316	-1797415
1552745.3347	-2088930
1339737.5811	-1819889
1546394.0523	-2114540
1345151.2346	-1792811

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
1552891.1293	-2083582
1338900.0417	-1822371
1545381.3777	-2117381
1344715.0896	-1791638
1552278.6189	-2082213
1338463.8968	-1821198
1544768.8674	-2116011
1331853.0549	-1779677
1539197.4733	-2070378
1326552.2044	-1802151
1532846.1909	-2095989
1333013.9363	-1782971
1540676.8636	-2074255
1327713.0858	-1805445
1534325.5812	-2099865
1333126.7393	-1778368
1540822.6582	-2068908
1326875.5464	-1807927
1533312.9067	-2102706
1332690.5943	-1777195
1540210.1479	-2067538
1326439.4015	-1806754
1532700.3963	-2101336
657672.0014	-876951.6577
730705.3058	-980414.7247
47962.0199	-57742.2586
48116.2127	-58504.9516
504528.2249	-682124.3351
571557.0366	-776702.8141
469673.8742	-641698.8671
536724.3044	-736140.462
-2628.2796	-25110.66
-2858.4877	-28319.3899
27635.4566	-1713.1345
32609.9595	-2719.689
3140.66	17154.3136
3630.4792	19323.0427
-4784.5003	-12738.6287
-5649.2044	-14242.6748
4904.1052	18891.6035
5806.7827	21260.7055
-4398.9334	-20426.3326
-5115.8543	-22994.4629
2203030.0357	-2971046
2482631.9731	-3365898

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
2274973.0655	-3057659
2554806.2922	-3453656
1649403.3664	-2200943
1857051.9898	-2491486
1641478.2061	-2230836
1847772.3062	-2525052
1651047.2068	-2205359
1859070.715	-2496567
1643122.0465	-2235252
1849791.0314	-2530133
1651166.8116	-2199206
1859228.2933	-2489549
1641863.7731	-2238524
1848305.6562	-2533804
1650661.6399	-2197671
1858537.3649	-2487815
1641358.6013	-2236989
1847614.7279	-2532070
1635014.7605	-2183621
1842617.126	-2473935
1627089.6002	-2213513
1833337.4423	-2507501
1636658.6008	-2188036
1844635.8512	-2479015
1628733.4405	-2217929
1835356.1676	-2512581
1636778.2056	-2181883
1844793.4294	-2471997
1627475.1671	-2221201
1833870.7924	-2516252
1636273.0339	-2180349
1844102.5011	-2470264
1626969.9953	-2219666
1833179.8641	-2514519
777760.4104	-1037875
850882.5493	-1141311
55868.2128	-67397.1712
56032.0078	-68151.9118
598608.9051	-809559.0638
665696.5749	-904128.3315
558034.4396	-762435.5781
625136.7432	-856873.0034
-3609.8921	-32216.2972
-3932.6143	-35810.9309
36205.2907	-1858.3861

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
41836.1332	-2964.076
4364.8798	22086.4209
4983.3577	24557.7195
-6575.4436	-16403.3071
-7622.9059	-18131.3275
6707.0555	24343.4073
7797.8835	27058.1349
-6113.27	-26236.5381
-7012.835	-29142.1382
2611445.0693	-3523325
2891316.4211	-3918122
2695247.3886	-3624420
2975364.4327	-4020350
1955529.0987	-2608003
2163508.8275	-2898200
1944588.7753	-2646492
2150902.5638	-2940889
1957739.6625	-2613686
2166148.3757	-2904627
1946799.3391	-2652176
2153542.1121	-2947316
1957871.2744	-2605746
2166323.3533	-2895700
1945050.9489	-2656326
2151512.6348	-2951900
1957277.489	-2603853
2165538.3048	-2893616
1944457.1634	-2654433
2150727.5862	-2949816
1938768.6349	-2587784
2146699.2252	-2877755
1927828.3115	-2626273
2134092.9615	-2920444
1940979.1987	-2593467
2149338.7734	-2884181
1930038.8752	-2631956
2136732.5097	-2926870
1941110.8106	-2585527
2149513.751	-2875254
1928290.485	-2636107
2134703.0324	-2931454
1940517.0251	-2583634
2148728.7025	-2873170
1927696.6996	-2634213
2133917.9839	-2929370

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
897909.0729	-1198952
971141.0646	-1302402
63782.5967	-77078.9619
63958.5468	-77827.7657
692718.7005	-937057.0445
759878.6897	-1031652
646418.1927	-883217.6169
713584.0659	-977684.0695
-4661.5405	-40103.6117
-5086.5861	-44057.1095
45617.6451	-1938.3408
51846.9417	-3155.6959
5744.0879	27643.7719
6501.8716	30409.4333
-8600.2115	-20566.402
-9838.8342	-22512.6065
8749.9293	30520.7949
10036.9126	33578.0927
-8053.0387	-32743.9167
-9149.5721	-35973.5255
3020012.0542	-4075957
3300215.1572	-4470846
3115685.9492	-4191575
3396152.9774	-4587588
2261924.833	-3014707
2470293.2558	-3304677
2247580.5336	-3062917
2453952.55	-3357599
2264780.9566	-3021784
2473630.2183	-3312573
2250436.6571	-3069995
2457289.5125	-3365496
2264930.6744	-3011830
2473828.2968	-3301508
2248127.7064	-3075095
2454641.812	-3371060
2264233.7838	-3009607
2472940.9563	-3299113
2247430.8158	-3072872
2453754.4715	-3368664
2242790.054	-2991583
2451105.6918	-3281328
2228445.7546	-3039793
2434764.9859	-3334250
2245646.1776	-2998661

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
2454442.6543	-3289225
2231301.8781	-3046871
2438101.9485	-3342147
2245795.8954	-2988706
2454640.7328	-3278160
2228992.9274	-3051971
2435454.248	-3347711
2245099.0048	-2986483
2453753.3923	-3275764
2228296.0368	-3049748
2434566.9075	-3345316
1018058.8905	-1360068
1091423.2502	-1463636
71699.2436	-86775.0263
71890.1435	-87522.7723
786823.9733	-1064562
854070.7966	-1159269
734796.1112	-1003998
802038.0518	-1098576
-5808.4138	-48593.5616
-6356.0452	-52882.3856
55748.4361	-1872.1771
62518.048	-3222.6551
7297.8772	33723.8186
8211.9661	36778.1312
-10871.5795	-25170.0149
-12314.4606	-27330.3805
11043.8391	37323.2256
12538.0168	40723.742
-10243.8613	-39895.5014
-11559.4001	-43501.2247
3428566.6163	-4628648
3709168.3331	-5023999
3536115.4817	-4758810
3817003.5484	-5155284
2568486.6253	-3420937
2777311.1077	-3710960
2550317.1686	-3479830
2756784.681	-3775068
2572060.3276	-3429490
2781413.6022	-3720408
2553890.8709	-3488384
2760887.1755	-3784516
2572232.5872	-3417337
2781637.1585	-3707014

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
2550944.8868	-3494556
2757539.7415	-3791239
2571432.6094	-3414765
2780658.5418	-3704237
2550144.909	-3491984
2756561.1248	-3788462
2546976.8522	-3394904
2755744.0647	-3684703
2528807.3955	-3453798
2735217.638	-3748811
2550550.5545	-3403458
2759846.5592	-3694151
2532381.0978	-3462352
2739320.1325	-3758259
2550722.8141	-3391305
2760070.1154	-3680757
2529435.1137	-3468523
2735972.6984	-3764982
2549922.8363	-3388732
2759091.4987	-3677980
2528635.136	-3465951
2734994.0817	-3762205
1138148.1923	-1520775
1211654.065	-1624670
79611.8747	-96463.681
79820.8017	-97219.445
880875.9313	-1191705
948211.0788	-1286695
823124.2409	-1124419
890441.409	-1219274
-7078.5461	-57521.0158
-7782.3329	-62138.1722
66406.7165	-1668.2522
73680.0801	-3218.0067
9028.9688	40243.0709
10129.6151	43590.4666
-13370.6178	-30172.2454
-15045.8852	-32542.1571
13565.1962	44676.8204
15291.4703	48432.5391
-12685.4361	-47665.3077
-14259.5778	-51628.5955
3836900.2921	-5179814
4117913.8463	-5576364
3956318.1042	-5324510

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
4237645.0488	-5722193
2875060.8957	-3825595
3084382.4084	-4116215
2852661.3092	-3896011
3059206.9081	-4192348
2879402.5447	-3835666
3089298.6786	-4127264
2857002.9582	-3906081
3064123.1783	-4203396
2879597.1231	-3821162
3089544.2636	-4111373
2853346.4908	-3913504
3059993.2156	-4211434
2878717.363	-3818173
3088512.3711	-4108177
2852466.7308	-3910515
3058961.3231	-4208238
2851177.3333	-3796656
3060436.1679	-4087050
2828777.7467	-3867072
3035260.6676	-4163182
2855518.9823	-3806727
3065352.4381	-4098098
2833119.3957	-3877142
3040176.9378	-4174230
2855713.5607	-3792222
3065598.0231	-4082207
2829462.9284	-3884565
3036046.9751	-4182269
2854833.8006	-3789234
3064566.1306	-4079011
2828583.1683	-3881576
3035015.0826	-4179073
1258203.0766	-1681106
1331856.251	-1785710
87516.5807	-106148.0808
87746.7588	-106928.0201
974899.9038	-1318517
1042320.4215	-1414109
911432.5348	-1244516
978819.484	-1339952
-8519.7109	-66562.7092
-9424.6123	-71532.7833
77367.0398	-1025.399
85104.125	-2855.9383

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
10962.5074	46993.9919
12285.4075	50666.6412
-16101.7657	-35471.2837
-18039.9633	-38071.2175
16312.0483	52366.944
18295.3519	56523.039
-15406.8242	-55756.7245
-17285.3208	-60120.9034
4245122.9455	-5729588
4526544.8113	-6128690
4376397.8166	-5888810
4658164.9495	-6289082
3181752.9968	-4228989
3391605.5917	-4521182
3154688.7237	-4311455
3361280.2209	-4609920
3186892.2551	-4240512
3397360.1474	-4533778
3159827.9821	-4322977
3367034.7766	-4622516
3187102.5378	-4223616
3397615.5361	-4515326
3155383.6652	-4331740
3362034.8634	-4631970
3186197.3136	-4220227
3396605.5049	-4511728
3154478.4411	-4328350
3361024.8323	-4628372
3155498.0226	-4197145
3365281.5641	-4489104
3128433.7495	-4279610
3334956.1933	-4577842
3160637.2809	-4208668
3371036.1198	-4501699
3133573.0078	-4291133
3340710.749	-4590437
3160847.5635	-4191772
3371291.5084	-4483248
3129128.691	-4299896
3335710.8358	-4599892
3159942.3394	-4188382
3370281.4773	-4479650
3128223.4669	-4296506
3334700.8046	-4596294
1379666.3238	-1842278

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
1453193.7698	-1947965
95461.6783	-115876.4931
95700.9504	-116693.2349
1070106.4004	-1446014
1137379.9418	-1542517
1000901.8023	-1365268
1068134.2885	-1461585
-9899.2304	-75880.4077
-11036.4914	-81265.2907
88351.2528	-86.2755
96551.0581	-2391.8227
12914.3103	54143.2532
14491.2745	58195.6713
-18868.1986	-41209.3767
-21102.4513	-44053.9174
19109.4759	60608.6617
21381.1011	65232.976
-18166.3069	-64385.9588
-20391.1654	-69217.3533
4658410.6108	-6282305
4939255.8002	-6685289
4801603.1282	-6456119
5082807.2258	-6860329
3492227.3403	-4634179
3701909.5597	-4928879
3460444.8314	-4729531
3666315.8339	-5031128
3498181.2286	-4647113
3708520.7366	-4943020
3466398.7197	-4742465
3672927.0108	-5045270
3498422.5059	-4627713
3708799.3864	-4921841
3461146.7231	-4752708
3667027.1199	-5056292
3497479.3369	-4623936
3707809.4507	-4917857
3460203.5541	-4748931
3666037.1841	-5052307
3463588.8369	-4599416
3673199.2746	-4893871
3431806.3279	-4694768
3637605.5488	-4996120
3469542.7252	-4612350
3679810.4514	-4908012

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
3437760.2162	-4707702
3644216.7257	-5010262
3469784.0024	-4592950
3680089.1012	-4886833
3432508.2196	-4717945
3638316.8347	-5021284
3468840.8335	-4589173
3679099.1655	-4882849
3431565.0506	-4714168
3637326.899	-5017299
1491918.8104	-1991007
1565638.9654	-2097870
103003.9083	-125104.9165
103255.5279	-125963.8295
1157625.832	-1563134
1225029.5466	-1660616
1082964.2757	-1475991
1150318.8371	-1573250
-13799.1763	-81764.7242
-14924.2024	-87442.5692
98370.823	3103.1387
107057.3399	295.8822
16556.3443	58874.5081
18229.2258	63233.9346
-23053.7773	-45455.6227
-25496.4351	-48509.4215
22932.2339	66181.0676
25398.5533	71197.589
-23059.3082	-70194.0515
-25431.3312	-75414.0764
5038887.0394	-6790679
5320332.9213	-7197844
5193392.9019	-6978337
5475216.2131	-7386790
3779966.4349	-5008790
3990193.2333	-5306292
3740356.3133	-5113120
3946467.5724	-5418035
3786463.8679	-5022209
3997460.4425	-5321016
3746853.7463	-5126539
3953734.7817	-5432760
3786342.3245	-5001483
3997362.5608	-5298328
3740350.7824	-5137858

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
3946532.6763	-5444940
3786469.3988	-4997470
3997395.3387	-5294112
3740477.8567	-5133845
3946565.4542	-5440723
3749065.2624	-4971258
3959216.5749	-5268503
3709455.1408	-5075588
3915490.9141	-5380246
3755562.6954	-4984677
3966483.7842	-5283227
3715952.5738	-5089007
3922758.1233	-5394970
3755441.152	-4963952
3966385.9024	-5260539
3709449.6099	-5100327
3915556.0179	-5407151
3755568.2263	-4959939
3966418.6803	-5256322
3709576.6842	-5096314
3915588.7958	-5402934
1632294.4969	-2183822
1699002.2453	-2293250
111506.2624	-135991.4455
111494.9087	-136948.921
1269019.634	-1717521
1330479.6112	-1817125
1188274.4525	-1622869
1249862.6219	-1722172
-8709.3834	-99284.462
-11776.9837	-105870.3098
111627.4234	2335.5196
119900.3521	-1157.07
14696.2949	72677.1459
17664.2649	77847.4477
-22885.1303	-56317.6736
-26372.9667	-59947.6101
23690.8804	82257.3679
27007.1503	88263.7654
-21107.3538	-86931.8122
-25116.8085	-93154.4409
5520944.5875	-7457686
5777115.0458	-7873939
5688203.9811	-7661673
5944357.4089	-8079362

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
4137736.757	-5492332
4330457.2159	-5795785
4100155.3318	-5621327
4286419.9843	-5933580
4145925.5924	-5508691
4339165.9177	-5813684
4108344.1672	-5637686
4295128.6861	-5951480
4146731.3425	-5482752
4339800.1013	-5785368
4101933.1083	-5651941
4287676.1425	-5966787
4144147.8158	-5478077
4337909.7595	-5780478
4099349.5817	-5647267
4285785.8008	-5961896
4104284.8783	-5451535
4297008.7433	-5754700
4066703.453	-5580529
4252971.5117	-5892495
4112473.7137	-5467894
4305717.4451	-5772600
4074892.2885	-5596889
4261680.2135	-5910395
4113279.4637	-5441954
4306351.6287	-5744284
4068481.2296	-5611144
4254227.6699	-5925702
4110695.9371	-5437280
4304461.2869	-5739393
4065897.703	-5606469
4252337.3282	-5920811
1773837.5503	-2420590
1869875.58	-2581579
119718.0404	-148168.4868
120177.7513	-149004.5583
1380229.6746	-1907802
1469194.2341	-2058917
1293502.0867	-1804713
1382268.2129	-1955624
-340.6774	-140498.1519
-2229.6072	-146896.7745
135980.5089	-15992.1319
146298.6728	-17633.1723
12211.9931	103482.5117

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
14717.7753	108619.8979
-23538.9174	-77029.351
-26877.254	-81086.3891
25705.3162	117347.4871
29038.0077	123352.9611
-18706.704	-123563.8257
-22205.5621	-129828.8505
6004218.5707	-8279692
6373806.3365	-8904762
6183795.6313	-8501945
6554072.9635	-9128268
4495696.7168	-6074073
4772109.1278	-6532201
4459945.8064	-6254585
4730514.0985	-6721907
4507023.6411	-6100526
4784268.6064	-6559735
4471272.7306	-6281038
4742673.5771	-6749441
4509190.0399	-6060208
4786429.3602	-6517468
4464778.0197	-6301120
4735185.7904	-6770650
4502191.4277	-6053992
4779596.9145	-6510992
4457779.4075	-6294903
4728353.3447	-6764174
4459781.3047	-6029623
4736055.8024	-6487500
4424030.3942	-6210135
4694460.7731	-6677206
4471108.2289	-6056076
4748215.281	-6515033
4435357.3185	-6236588
4706620.2517	-6704740
4473274.6278	-6015758
4750376.0348	-6472767
4428862.6076	-6256669
4699132.465	-6725949
4466276.0156	-6009541
4743543.5891	-6466291
4421863.9954	-6250453
4692300.0193	-6719473
1628752.3326	-1875593
1742660.4152	-2025997

Table 3.8 - Story Forces (Part 2 of 2, continued)

MX kN-m	MY kN-m
116754.7083	-128226.8842
117000.1027	-128879.725
1256759.3567	-1451977
1364257.9957	-1593581
1171827.7367	-1362582
1279294.0166	-1504092
-51684.7582	-5470.6571
-49771.8613	-17667.4633
134635.5068	13934.921
142443.4372	14653.6403
45698.2263	4613.4091
45922.9327	12737.3011
-52927.6477	-3833.754
-54858.9354	-12048.7957
55050.7745	4725.0781
54670.2982	14507.2335
-60582.5043	-3852.3217
-61555.9823	-15517.2503
5477408.2251	-6331704
5921386.7772	-6916954
5652540.2876	-6524044
6096886.9313	-7110274
4138064.0648	-4724006
4467235.3911	-5149597
4039438.1908	-4732453
4366453.523	-5174383
4145293.4862	-4724786
4476171.3938	-5150285
4046667.6122	-4733233
4375389.5256	-5175071
4147416.613	-4723894
4475982.7566	-5147827
4031783.3342	-4732472
4359756.476	-5177851
4152948.3428	-4724767
4482868.4407	-5146817
4037315.064	-4733344
4366642.1602	-5176841
4103037.6523	-4685538
4432135.3603	-5110933
4004411.7783	-4693985
4331353.4921	-5135719
4110267.0737	-4686317
4441071.363	-5111621
4011641.1997	-4694765

Table 3.8 - Story Forces (Part 2 of 2, continued)

	MX kN-m	MY kN-m
	4340289.4948	-5136407
	4112390.2005	-4685426
	4440882.7258	-5109163
	3996756.9217	-4694004
	4324656.4452	-5139187
	4117921.9303	-4686299
	4447768.4099	-5108153
	4002288.6515	-4694876
	4331542.1294	-5138177

Table 3.9 - Story Stiffness

Story	Output Case	Case Type	Step Type	Shear X kN	Drift X mm	Stiff X kN/m	Shear Y kN	Drift Y mm	Stiff Y kN/m
16	Earthquake+x	LinStatic	Step By Step	264.9752	1.202	220382.795	48.9257	0.496	98554.384
15	Earthquake+x	LinStatic	Step By Step	387.1345	1.232	314185.611	38.3079	0.499	0
14	Earthquake+x	LinStatic	Step By Step	544.5602	1.261	431784.589	16.1304	0.499	0
13	Earthquake+x	LinStatic	Step By Step	675.5476	1.289	524098.344	13.6467	0.499	0
12F RF	Earthquake+x	LinStatic	Step By Step	801.5674	1.313	610564.277	40.1075	0.496	0
11F RF	Earthquake+x	LinStatic	Step By Step	919.3146	1.33	691040.412	65.7737	0.491	0
10F RF	Earthquake+x	LinStatic	Step By Step	1029.3424	1.339	768659.972	92.2064	0.483	0
9F RF	Earthquake+x	LinStatic	Step By Step	1131.6446	1.337	846414.945	121.4416	0.472	257306.5
8F RF	Earthquake+x	LinStatic	Step By Step	1227.2217	1.322	928501.036	156.4661	0.458	341733.073
7F RF	Earthquake+x	LinStatic	Step By Step	1320.8005	1.291	1023181.017	201.0819	0.44	456920.565
6F RF	Earthquake+x	LinStatic	Step By Step	1421.4037	1.242	1144111.234	258.5432	0.419	617594.991
5F RF	Earthquake+x	LinStatic	Step By Step	1539.6901	1.176	1309445.55	324.9317	0.394	825145.365
4F RF	Earthquake+x	LinStatic	Step By Step	1623.1631	1.086	1494043.3	321.436	0.369	871451.795
3F RF	Earthquake+x	LinStatic	Step By Step	1882.3621	0.946	1989039.164	876.4572	0.329	2662764.843
2F RF	Earthquake+x	LinStatic	Step By Step	1828.6387	1.588	1151467.634	539.6942	1.461	369323.938
1F RF	Earthquake+x	LinStatic	Step By Step	3485.0322	71.866	48493.178	546.542	10.453	52284.416
16	Earthquake+y	LinStatic	Step By Step	123.6897	0.227	545600.672	176.2931	1.316	133990.135
15	Earthquake+y	LinStatic	Step By Step	182.7654	0.2	913898.429	482.4842	1.327	363637.704
14	Earthquake+y	LinStatic	Step By Step	206.6707	0.196	1052081.506	744.885	1.336	557697.071
13	Earthquake+y	LinStatic	Step By Step	233.5096	0.195	1194891.637	992.9677	1.34	740784.114
12F RF	Earthquake+y	LinStatic	Step By Step	260.0937	0.194	1340802.619	1218.0088	1.341	908406.569
11F RF	Earthquake+y	LinStatic	Step By Step	287.587	0.193	1490525.702	1423.7268	1.336	1065677.17
10F RF	Earthquake+y	LinStatic	Step By Step	315.9114	0.192	1643413.518	1611.0305	1.325	1215769.461
9F RF	Earthquake+y	LinStatic	Step By Step	347.8157	0.192	1809247.907	1781.7956	1.307	1362786.373
8F RF	Earthquake+y	LinStatic	Step By Step	385.8508	0.193	1997668.398	1935.9495	1.283	1509502.88
7F RF	Earthquake+y	LinStatic	Step By Step	442.787	0.195	2266517.072	2079.6568	1.252	1661653.617
6F RF	Earthquake+y	LinStatic	Step By Step	523.0112	0.198	2648131.482	2211.9268	1.222	1810807.662
5F RF	Earthquake+y	LinStatic	Step By Step	658.7278	0.196	3360969.823	2343.9107	1.17	2003158.172
4F RF	Earthquake+y	LinStatic	Step By Step	802.0733	0.188	4266685.825	2482.7493	1.167	2128017.435
3F RF	Earthquake+y	LinStatic	Step By Step	997.8827	0.2	4996193.933	2364.3594	1.122	2106684.702
2F RF	Earthquake+y	LinStatic	Step By Step	468.8687	0.424	1104584.253	2948.4905	3.251	907085.95
1F RF	Earthquake+y	LinStatic	Step By Step	205.3484	21.045	0	2231.0591	43.733	51015.407

3.3 Modal Results

Table 3.10 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	3.544	0.282	1.7731	3.1438
Modal	2	2.687	0.372	2.3383	5.4674
Modal	3	0.763	1.31	8.2339	67.7972
Modal	4	0.484	2.068	12.9912	168.772
Modal	5	0.273	3.666	23.0312	530.4372
Modal	6	0.142	7.04	44.235	1956.7318
Modal	7	0.135	7.38	46.373	2150.4508
Modal	8	0.125	7.99	50.2022	2520.2615
Modal	9	0.125	8.017	50.3723	2537.3649
Modal	10	0.125	8.032	50.4642	2546.6365
Modal	11	0.124	8.065	50.674	2567.8539
Modal	12	0.114	8.742	54.9257	3016.8338

Table 3.11 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	1	3.544	0.0745	0.5319	0	0.0745	0.5319	0	0.0011	0.0003	0.2934
Modal	2	2.687	0.8212	0.0508	0	0.8957	0.5827	0	0.0001	0.0016	0.0259
Modal	3	0.763	1.11E-05	0.1915	0	0.8957	0.7742	0	0.3775	0.0022	0.3211
Modal	4	0.484	0.003	0.0086	0	0.8987	0.7828	0	0.0141	0.7978	0.0082
Modal	5	0.273	1.848E-05	0.0747	0	0.8987	0.8575	0	0.3272	0.0788	0.0818
Modal	6	0.142	6.739E-07	0.0279	0	0.8987	0.8854	0	0.0502	0.0063	0.0421
Modal	7	0.135	1.752E-05	1.961E-06	0	0.8987	0.8854	0	5.66E-07	0.0088	4.972E-06
Modal	8	0.125	0	1.1E-05	0	0.8987	0.8854	0	3.231E-05	0	4.878E-06
Modal	9	0.125	0	0.0002	0	0.8987	0.8856	0	0.0008	6.069E-06	0.0001
Modal	10	0.125	0	0.0001	0	0.8987	0.8857	0	0.0002	0	0.0001
Modal	11	0.124	0	0.0003	0	0.8987	0.886	0	0.0009	4.505E-06	0.0001
Modal	12	0.114	0	1.158E-05	0	0.8987	0.886	0	3.124E-05	6.397E-07	1.107E-05

Table 3.11 - Modal Participating Mass Ratios (Part 2 of 2)

SumRX	SumRY	SumRZ
0.0011	0.0003	0.2934
0.0012	0.0019	0.3194
0.3787	0.0041	0.6405
0.3928	0.8019	0.6487
0.72	0.8807	0.7305
0.7702	0.887	0.7725
0.7702	0.8958	0.7725
0.7702	0.8958	0.7725
0.771	0.8958	0.7726
0.7712	0.8958	0.7727
0.7721	0.8959	0.7728
0.7722	0.8959	0.7728

Table 3.12 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	100	89.87
Modal	Acceleration	UY	100	88.6
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	3.544	0.084	0.568	0	0.348
Modal	2	2.687	0.916	0.054	0	0.031
Modal	3	0.763	0.003	0.606	0	0.391
Modal	4	0.484	0.906	0.024	0	0.069
Modal	5	0.273	0.091	0.464	0	0.445
Modal	6	0.142	0.013	0.589	0	0.397
Modal	7	0.135	0.981	0.008	0	0.011
Modal	8	0.125	0.022	0.955	0	0.023
Modal	9	0.125	0.001	0.987	0	0.013
Modal	10	0.125	0	0.998	0	0.002
Modal	11	0.124	0.004	0.963	0	0.033
Modal	12	0.114	0.004	0.982	0	0.015