



Summary Report

Model File: Design using Eurocode, Revision 0
2/8/2021

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		3.152E-06	5.244E-06	92981.2335	1127103.8915	-1458070	-3.436E-05
Live	LinStatic		5.446E-07	5.568E-07	10674.9911	130377.9171	-160824.7027	-6.852E-06
FF	LinStatic		1.328E-06	2.995E-06	57749.2335	696306.7715	-898417.9536	-1.186E-05
PW	LinStatic		1.047E-06	2.629E-06	50208.2535	601957.5755	-786954.8826	-8.03E-06
Earthquake+x	LinStatic		-4327.9635	7.864E-07	0	-0.0001	-165040.2972	54953.6416
Earthquake+y	LinStatic		-9.112E-07	-4327.9635	-2.723E-06	165040.2957	-1.987E-05	-71688.2766
TH-X Load Case	LinModHist	Max	6669.0909	2082.3641	1.328E-06	62240.7397	193595.753	65867.8167
TH-X Load Case	LinModHist	Min	-4736.2132	-2241.6623	-1.242E-06	-66894.3484	-187676.9091	-88938.7902
TH-Y Load Case	LinModHist	Max	4601.5051	2426.7052	1.472E-06	78120.685	173273.695	72442.8152
TH-Y Load Case	LinModHist	Min	-5022.3382	-2640.9102	-1.341E-06	-79267.649	-166299.9694	-80393.5879
UDCon1	Combination		7.463E-06	1.467E-05	271267.2727	3274247.1219	-4243647	-0.0001
UDCon2	Combination		8.28E-06	1.551E-05	287279.7593	3469813.9976	-4484884	-0.0001
UDCon3	Combination	Max	6669.0909	2082.3641	204141.2179	2526722.3533	-2998094	65867.8167
UDCon3	Combination	Min	-4736.2132	-2241.6623	204141.2179	2397587.2652	-3379367	-88938.7903
UDCon4	Combination	Max	4736.2132	2241.6623	204141.2179	2531375.962	-3004013	88938.7902
UDCon4	Combination	Min	-6669.0909	-2082.3641	204141.2179	2402240.8739	-3385286	-65867.8168
UDCon5	Combination	Max	4601.5051	2426.7052	204141.2179	2542602.2986	-3018416	72442.8151
UDCon5	Combination	Min	-5022.3382	-2640.9102	204141.2179	2385213.9646	-3357990	-80393.5879
UDCon6	Combination	Max	5022.3382	2640.9102	204141.2179	2543749.2626	-3025390	80393.5878
UDCon6	Combination	Min	-4601.5051	-2426.7051	204141.2179	2386360.9286	-3364964	-72442.8152
UDCon7	Combination	Max	6669.0909	2082.3641	200938.7205	2487608.9782	-2949847	65867.8167
UDCon7	Combination	Min	-4736.2132	-2241.6623	200938.7205	2358473.8901	-3331119	-88938.7903
UDCon8	Combination	Max	4736.2132	2241.6623	200938.7205	2492262.5869	-2955766	88938.7902
UDCon8	Combination	Min	-6669.0909	-2082.3641	200938.7205	2363127.4988	-3337038	-65867.8168
UDCon9	Combination	Max	4601.5051	2426.7052	200938.7205	2503488.9235	-2970169	72442.8151
UDCon9	Combination	Min	-5022.3382	-2640.9102	200938.7205	2346100.5895	-3309742	-80393.5879
UDCon10	Combination	Max	5022.3382	2640.9102	200938.7205	2504635.8874	-2977143	80393.5878
UDCon10	Combination	Min	-4601.5051	-2426.7051	200938.7205	2347247.5535	-3316716	-72442.8152

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		-18.019	-4.253	-0.00306	1	15.611	12.0859	49
14	D1	Earthquake+x	LinStatic		200.285	22.492	-0.003123	1	15.611	12.0859	49
14	D1	Earthquake+y	LinStatic		19.73	214.609	0.003365	1	15.611	12.0859	49
14	D1	TH-X Load Case	LinModHist	Max	222.724	78.424	0.010532	1	15.611	12.0859	49
14	D1	TH-X Load Case	LinModHist	Min	-226.571	-78.661	-0.009763	1	15.611	12.0859	49
14	D1	TH-Y Load Case	LinModHist	Max	209.582	86.074	0.010019	1	15.611	12.0859	49
14	D1	TH-Y Load Case	LinModHist	Min	-211.856	-96.365	-0.009915	1	15.611	12.0859	49
14	D1	UDCon1	Combination		-111.604	-7.757	-0.016903	1	15.611	12.0859	49
14	D1	UDCon2	Combination		-120.611	-6.166	-0.017825	1	15.611	12.0859	49
14	D1	UDCon3	Combination	Max	138.253	72.997	-0.002173	1	15.611	12.0859	49
14	D1	UDCon3	Combination	Min	-311.043	-84.088	-0.022468	1	15.611	12.0859	49
14	D1	UDCon4	Combination	Max	142.1	73.233	-0.002942	1	15.611	12.0859	49
14	D1	UDCon4	Combination	Min	-307.195	-83.852	-0.023237	1	15.611	12.0859	49
14	D1	UDCon5	Combination	Max	125.111	80.646	-0.002686	1	15.611	12.0859	49
14	D1	UDCon5	Combination	Min	-296.327	-101.792	-0.02262	1	15.611	12.0859	49
14	D1	UDCon6	Combination	Max	127.385	90.937	-0.00279	1	15.611	12.0859	49
14	D1	UDCon6	Combination	Min	-294.054	-91.502	-0.022724	1	15.611	12.0859	49
14	D1	UDCon7	Combination	Max	140.054	72.679	-0.001989	1	15.611	12.0859	49
14	D1	UDCon7	Combination	Min	-309.241	-84.407	-0.022284	1	15.611	12.0859	49
14	D1	UDCon8	Combination	Max	143.902	72.915	-0.002757	1	15.611	12.0859	49
14	D1	UDCon8	Combination	Min	-305.394	-84.17	-0.023053	1	15.611	12.0859	49
14	D1	UDCon9	Combination	Max	126.913	80.328	-0.002502	1	15.611	12.0859	49
14	D1	UDCon9	Combination	Min	-294.526	-102.111	-0.022436	1	15.611	12.0859	49
14	D1	UDCon10	Combination	Max	129.186	90.619	-0.002605	1	15.611	12.0859	49
14	D1	UDCon10	Combination	Min	-292.252	-91.82	-0.022539	1	15.611	12.0859	49
13	D1	Dead	LinStatic		-40.005	-2.866	-0.005725	2	15.611	12.0859	45.5
13	D1	Live	LinStatic		-5.47	0.555	-0.000588	2	15.611	12.0859	45.5
13	D1	FF	LinStatic		-19.664	-4.303	-0.003303	2	15.611	12.0859	45.5
13	D1	PW	LinStatic		-16.746	-5.729	-0.002924	2	15.611	12.0859	45.5
13	D1	Earthquake+x	LinStatic		190.541	21.152	-0.003035	2	15.611	12.0859	45.5
13	D1	Earthquake+y	LinStatic		19.293	202.217	0.003148	2	15.611	12.0859	45.5
13	D1	TH-X Load Case	LinModHist	Max	211.75	74.681	0.010037	2	15.611	12.0859	45.5
13	D1	TH-X Load Case	LinModHist	Min	-214.213	-74.275	-0.009385	2	15.611	12.0859	45.5
13	D1	TH-Y Load Case	LinModHist	Max	200.75	81.604	0.009663	2	15.611	12.0859	45.5
13	D1	TH-Y Load Case	LinModHist	Min	-201.178	-90.953	-0.009544	2	15.611	12.0859	45.5
13	D1	UDCon1	Combination		-103.159	-17.413	-0.016134	2	15.611	12.0859	45.5
13	D1	UDCon2	Combination		-111.364	-16.581	-0.017016	2	15.611	12.0859	45.5
13	D1	UDCon3	Combination	Max	133.695	61.949	-0.002091	2	15.611	12.0859	45.5
13	D1	UDCon3	Combination	Min	-292.267	-87.007	-0.021513	2	15.611	12.0859	45.5
13	D1	UDCon4	Combination	Max	136.158	61.543	-0.002742	2	15.611	12.0859	45.5
13	D1	UDCon4	Combination	Min	-289.805	-87.413	-0.022164	2	15.611	12.0859	45.5
13	D1	UDCon5	Combination	Max	122.696	68.872	-0.002465	2	15.611	12.0859	45.5
13	D1	UDCon5	Combination	Min	-279.232	-103.685	-0.021672	2	15.611	12.0859	45.5
13	D1	UDCon6	Combination	Max	123.123	78.221	-0.002584	2	15.611	12.0859	45.5
13	D1	UDCon6	Combination	Min	-278.805	-94.336	-0.021791	2	15.611	12.0859	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	UDCon7	Combination	Max	135.336	61.783	-0.001915	2	15.611	12.0859	45.5
13	D1	UDCon7	Combination	Min	-290.626	-87.173	-0.021337	2	15.611	12.0859	45.5
13	D1	UDCon8	Combination	Max	137.799	61.377	-0.002566	2	15.611	12.0859	45.5
13	D1	UDCon8	Combination	Min	-288.164	-87.58	-0.021988	2	15.611	12.0859	45.5
13	D1	UDCon9	Combination	Max	124.337	68.706	-0.002288	2	15.611	12.0859	45.5
13	D1	UDCon9	Combination	Min	-277.591	-103.851	-0.021495	2	15.611	12.0859	45.5
13	D1	UDCon10	Combination	Max	124.764	78.055	-0.002408	2	15.611	12.0859	45.5
13	D1	UDCon10	Combination	Min	-277.164	-94.502	-0.021615	2	15.611	12.0859	45.5
12F RF	D1	Dead	LinStatic		-36.644	-6.414	-0.005437	3	15.611	12.0859	42
12F RF	D1	Live	LinStatic		-4.943	0.073	-0.00056	3	15.611	12.0859	42
12F RF	D1	FF	LinStatic		-18.09	-6.111	-0.003146	3	15.611	12.0859	42
12F RF	D1	PW	LinStatic		-15.482	-7.107	-0.002783	3	15.611	12.0859	42
12F RF	D1	Earthquake+x	LinStatic		180.245	19.795	-0.002942	3	15.611	12.0859	42
12F RF	D1	Earthquake+y	LinStatic		18.787	189.595	0.002921	3	15.611	12.0859	42
12F RF	D1	TH-X Load Case	LinModHist	Max	200.138	70.882	0.009531	3	15.611	12.0859	42
12F RF	D1	TH-X Load Case	LinModHist	Min	-201.247	-69.837	-0.009	3	15.611	12.0859	42
12F RF	D1	TH-Y Load Case	LinModHist	Max	191.331	77.072	0.009299	3	15.611	12.0859	42
12F RF	D1	TH-Y Load Case	LinModHist	Min	-189.922	-85.468	-0.009163	3	15.611	12.0859	42
12F RF	D1	UDCon1	Combination		-94.792	-26.503	-0.015344	3	15.611	12.0859	42
12F RF	D1	UDCon2	Combination		-102.206	-26.394	-0.016184	3	15.611	12.0859	42
12F RF	D1	UDCon3	Combination	Max	128.439	51.272	-0.002003	3	15.611	12.0859	42
12F RF	D1	UDCon3	Combination	Min	-272.946	-89.447	-0.020534	3	15.611	12.0859	42
12F RF	D1	UDCon4	Combination	Max	129.548	50.227	-0.002534	3	15.611	12.0859	42
12F RF	D1	UDCon4	Combination	Min	-271.837	-90.492	-0.021065	3	15.611	12.0859	42
12F RF	D1	UDCon5	Combination	Max	119.632	57.462	-0.002235	3	15.611	12.0859	42
12F RF	D1	UDCon5	Combination	Min	-261.621	-105.078	-0.020697	3	15.611	12.0859	42
12F RF	D1	UDCon6	Combination	Max	118.223	65.858	-0.002371	3	15.611	12.0859	42
12F RF	D1	UDCon6	Combination	Min	-263.03	-96.682	-0.020833	3	15.611	12.0859	42
12F RF	D1	UDCon7	Combination	Max	129.922	51.25	-0.001835	3	15.611	12.0859	42
12F RF	D1	UDCon7	Combination	Min	-271.463	-89.469	-0.020366	3	15.611	12.0859	42
12F RF	D1	UDCon8	Combination	Max	131.03	50.205	-0.002366	3	15.611	12.0859	42
12F RF	D1	UDCon8	Combination	Min	-270.354	-90.514	-0.020897	3	15.611	12.0859	42
12F RF	D1	UDCon9	Combination	Max	121.115	57.44	-0.002067	3	15.611	12.0859	42
12F RF	D1	UDCon9	Combination	Min	-260.138	-105.1	-0.020529	3	15.611	12.0859	42
12F RF	D1	UDCon10	Combination	Max	119.705	65.836	-0.002202	3	15.611	12.0859	42
12F RF	D1	UDCon10	Combination	Min	-261.548	-96.704	-0.020665	3	15.611	12.0859	42
11F RF	D1	Dead	LinStatic		-33.344	-9.694	-0.00514	4	15.611	12.0859	38.5
11F RF	D1	Live	LinStatic		-4.427	-0.377	-0.000532	4	15.611	12.0859	38.5
11F RF	D1	FF	LinStatic		-16.545	-7.766	-0.002982	4	15.611	12.0859	38.5
11F RF	D1	PW	LinStatic		-14.237	-8.355	-0.002636	4	15.611	12.0859	38.5
11F RF	D1	Earthquake+x	LinStatic		169.381	18.423	-0.002846	4	15.611	12.0859	38.5
11F RF	D1	Earthquake+y	LinStatic		18.194	176.754	0.002684	4	15.611	12.0859	38.5
11F RF	D1	TH-X Load Case	LinModHist	Max	187.868	67.023	0.00904	4	15.611	12.0859	38.5
11F RF	D1	TH-X Load Case	LinModHist	Min	-190.689	-65.364	-0.008606	4	15.611	12.0859	38.5
11F RF	D1	TH-Y Load Case	LinModHist	Max	181.259	72.491	0.008926	4	15.611	12.0859	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	-178.084	-79.928	-0.008774	4	15.611	12.0859	38.5
11F RF	D1	UDCon1	Combination		-86.57	-34.851	-0.014523	4	15.611	12.0859	38.5
11F RF	D1	UDCon2	Combination		-93.211	-35.416	-0.01532	4	15.611	12.0859	38.5
11F RF	D1	UDCon3	Combination	Max	122.414	41.095	-0.001877	4	15.611	12.0859	38.5
11F RF	D1	UDCon3	Combination	Min	-256.143	-91.292	-0.019524	4	15.611	12.0859	38.5
11F RF	D1	UDCon4	Combination	Max	125.235	39.436	-0.002311	4	15.611	12.0859	38.5
11F RF	D1	UDCon4	Combination	Min	-253.322	-92.951	-0.019957	4	15.611	12.0859	38.5
11F RF	D1	UDCon5	Combination	Max	115.805	46.562	-0.001991	4	15.611	12.0859	38.5
11F RF	D1	UDCon5	Combination	Min	-243.538	-105.856	-0.019691	4	15.611	12.0859	38.5
11F RF	D1	UDCon6	Combination	Max	112.631	53.999	-0.002143	4	15.611	12.0859	38.5
11F RF	D1	UDCon6	Combination	Min	-246.713	-98.419	-0.019844	4	15.611	12.0859	38.5
11F RF	D1	UDCon7	Combination	Max	123.742	41.208	-0.001718	4	15.611	12.0859	38.5
11F RF	D1	UDCon7	Combination	Min	-254.814	-91.179	-0.019364	4	15.611	12.0859	38.5
11F RF	D1	UDCon8	Combination	Max	126.563	39.549	-0.002151	4	15.611	12.0859	38.5
11F RF	D1	UDCon8	Combination	Min	-251.994	-92.838	-0.019798	4	15.611	12.0859	38.5
11F RF	D1	UDCon9	Combination	Max	117.133	46.675	-0.001831	4	15.611	12.0859	38.5
11F RF	D1	UDCon9	Combination	Min	-242.21	-105.743	-0.019532	4	15.611	12.0859	38.5
11F RF	D1	UDCon10	Combination	Max	113.959	54.112	-0.001984	4	15.611	12.0859	38.5
11F RF	D1	UDCon10	Combination	Min	-245.384	-98.306	-0.019684	4	15.611	12.0859	38.5
10F RF	D1	Dead	LinStatic		-30.121	-12.639	-0.004829	5	15.611	12.0859	35
10F RF	D1	Live	LinStatic		-3.927	-0.787	-0.000501	5	15.611	12.0859	35
10F RF	D1	FF	LinStatic		-15.034	-9.227	-0.00281	5	15.611	12.0859	35
10F RF	D1	PW	LinStatic		-13.016	-9.44	-0.002482	5	15.611	12.0859	35
10F RF	D1	Earthquake+x	LinStatic		157.963	17.039	-0.002744	5	15.611	12.0859	35
10F RF	D1	Earthquake+y	LinStatic		17.494	163.731	0.002435	5	15.611	12.0859	35
10F RF	D1	TH-X Load Case	LinModHist	Max	174.957	63.107	0.008556	5	15.611	12.0859	35
10F RF	D1	TH-X Load Case	LinModHist	Min	-181.622	-60.884	-0.008206	5	15.611	12.0859	35
10F RF	D1	TH-Y Load Case	LinModHist	Max	170.498	67.881	0.008695	5	15.611	12.0859	35
10F RF	D1	TH-Y Load Case	LinModHist	Min	-165.696	-74.36	-0.008376	5	15.611	12.0859	35
10F RF	D1	UDCon1	Combination		-78.531	-42.264	-0.013663	5	15.611	12.0859	35
10F RF	D1	UDCon2	Combination		-84.421	-43.443	-0.014415	5	15.611	12.0859	35
10F RF	D1	UDCon3	Combination	Max	115.608	31.564	-0.001715	5	15.611	12.0859	35
10F RF	D1	UDCon3	Combination	Min	-240.971	-92.426	-0.018478	5	15.611	12.0859	35
10F RF	D1	UDCon4	Combination	Max	122.273	29.341	-0.002065	5	15.611	12.0859	35
10F RF	D1	UDCon4	Combination	Min	-234.306	-94.649	-0.018828	5	15.611	12.0859	35
10F RF	D1	UDCon5	Combination	Max	111.149	36.338	-0.001576	5	15.611	12.0859	35
10F RF	D1	UDCon5	Combination	Min	-225.044	-105.902	-0.018648	5	15.611	12.0859	35
10F RF	D1	UDCon6	Combination	Max	106.347	42.817	-0.001895	5	15.611	12.0859	35
10F RF	D1	UDCon6	Combination	Min	-229.847	-99.423	-0.018967	5	15.611	12.0859	35
10F RF	D1	UDCon7	Combination	Max	116.786	31.8	-0.001565	5	15.611	12.0859	35
10F RF	D1	UDCon7	Combination	Min	-239.793	-92.19	-0.018327	5	15.611	12.0859	35
10F RF	D1	UDCon8	Combination	Max	123.451	29.577	-0.001915	5	15.611	12.0859	35
10F RF	D1	UDCon8	Combination	Min	-233.128	-94.413	-0.018677	5	15.611	12.0859	35
10F RF	D1	UDCon9	Combination	Max	112.327	36.574	-0.001426	5	15.611	12.0859	35
10F RF	D1	UDCon9	Combination	Min	-223.866	-105.666	-0.018497	5	15.611	12.0859	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	UDCon10	Combination	Max	107.525	43.053	-0.001744	5	15.611	12.0859	35
10F RF	D1	UDCon10	Combination	Min	-228.669	-99.187	-0.018816	5	15.611	12.0859	35
9F RF	D1	Dead	LinStatic		-26.984	-15.177	-0.004502	6	15.611	12.0859	31.5
9F RF	D1	Live	LinStatic		-3.445	-1.148	-0.000469	6	15.611	12.0859	31.5
9F RF	D1	FF	LinStatic		-13.561	-10.455	-0.002627	6	15.611	12.0859	31.5
9F RF	D1	PW	LinStatic		-11.818	-10.329	-0.00232	6	15.611	12.0859	31.5
9F RF	D1	Earthquake+x	LinStatic		146.04	15.648	-0.002639	6	15.611	12.0859	31.5
9F RF	D1	Earthquake+y	LinStatic		16.666	150.588	0.002173	6	15.611	12.0859	31.5
9F RF	D1	TH-X Load Case	LinModHist	Max	161.464	59.143	0.008067	6	15.611	12.0859	31.5
9F RF	D1	TH-X Load Case	LinModHist	Min	-171.51	-56.431	-0.007801	6	15.611	12.0859	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Max	159.053	63.271	0.008454	6	15.611	12.0859	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Min	-152.822	-68.802	-0.007971	6	15.611	12.0859	31.5
9F RF	D1	UDCon1	Combination		-70.69	-48.548	-0.012757	6	15.611	12.0859	31.5
9F RF	D1	UDCon2	Combination		-75.858	-50.27	-0.01346	6	15.611	12.0859	31.5
9F RF	D1	UDCon3	Combination	Max	108.067	22.837	-0.001523	6	15.611	12.0859	31.5
9F RF	D1	UDCon3	Combination	Min	-224.907	-92.737	-0.017391	6	15.611	12.0859	31.5
9F RF	D1	UDCon4	Combination	Max	118.113	20.125	-0.001789	6	15.611	12.0859	31.5
9F RF	D1	UDCon4	Combination	Min	-214.861	-95.449	-0.017657	6	15.611	12.0859	31.5
9F RF	D1	UDCon5	Combination	Max	105.656	26.965	-0.001137	6	15.611	12.0859	31.5
9F RF	D1	UDCon5	Combination	Min	-206.219	-105.108	-0.017561	6	15.611	12.0859	31.5
9F RF	D1	UDCon6	Combination	Max	99.426	32.496	-0.001619	6	15.611	12.0859	31.5
9F RF	D1	UDCon6	Combination	Min	-212.449	-99.577	-0.018044	6	15.611	12.0859	31.5
9F RF	D1	UDCon7	Combination	Max	109.101	23.182	-0.001382	6	15.611	12.0859	31.5
9F RF	D1	UDCon7	Combination	Min	-223.873	-92.393	-0.017251	6	15.611	12.0859	31.5
9F RF	D1	UDCon8	Combination	Max	119.147	20.469	-0.001648	6	15.611	12.0859	31.5
9F RF	D1	UDCon8	Combination	Min	-213.827	-95.105	-0.017516	6	15.611	12.0859	31.5
9F RF	D1	UDCon9	Combination	Max	106.689	27.31	-0.000996	6	15.611	12.0859	31.5
9F RF	D1	UDCon9	Combination	Min	-205.186	-104.764	-0.017421	6	15.611	12.0859	31.5
9F RF	D1	UDCon10	Combination	Max	100.459	32.84	-0.001478	6	15.611	12.0859	31.5
9F RF	D1	UDCon10	Combination	Min	-211.416	-99.233	-0.017903	6	15.611	12.0859	31.5
8F RF	D1	Dead	LinStatic		-23.934	-17.233	-0.004157	7	15.611	12.0859	28
8F RF	D1	Live	LinStatic		-2.982	-1.452	-0.000435	7	15.611	12.0859	28
8F RF	D1	FF	LinStatic		-12.122	-11.405	-0.002433	7	15.611	12.0859	28
8F RF	D1	PW	LinStatic		-10.639	-10.984	-0.002147	7	15.611	12.0859	28
8F RF	D1	Earthquake+x	LinStatic		133.691	14.257	-0.002531	7	15.611	12.0859	28
8F RF	D1	Earthquake+y	LinStatic		15.686	137.408	0.001897	7	15.611	12.0859	28
8F RF	D1	TH-X Load Case	LinModHist	Max	147.487	55.153	0.007575	7	15.611	12.0859	28
8F RF	D1	TH-X Load Case	LinModHist	Min	-160.333	-52.048	-0.007393	7	15.611	12.0859	28
8F RF	D1	TH-Y Load Case	LinModHist	Max	146.968	58.7	0.008197	7	15.611	12.0859	28
8F RF	D1	TH-Y Load Case	LinModHist	Min	-139.563	-63.302	-0.007561	7	15.611	12.0859	28
8F RF	D1	UDCon1	Combination		-63.038	-53.49	-0.011794	7	15.611	12.0859	28
8F RF	D1	UDCon2	Combination		-67.512	-55.668	-0.012446	7	15.611	12.0859	28
8F RF	D1	UDCon3	Combination	Max	99.897	15.095	-0.001291	7	15.611	12.0859	28
8F RF	D1	UDCon3	Combination	Min	-207.923	-92.106	-0.01626	7	15.611	12.0859	28
8F RF	D1	UDCon4	Combination	Max	112.743	11.99	-0.001474	7	15.611	12.0859	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	UDCon4	Combination	Min	-195.077	-95.211	-0.016442	7	15.611	12.0859	28
8F RF	D1	UDCon5	Combination	Max	99.378	18.642	-0.00067	7	15.611	12.0859	28
8F RF	D1	UDCon5	Combination	Min	-187.153	-103.36	-0.016428	7	15.611	12.0859	28
8F RF	D1	UDCon6	Combination	Max	91.973	23.244	-0.001306	7	15.611	12.0859	28
8F RF	D1	UDCon6	Combination	Min	-194.558	-98.758	-0.017063	7	15.611	12.0859	28
8F RF	D1	UDCon7	Combination	Max	100.792	15.531	-0.001161	7	15.611	12.0859	28
8F RF	D1	UDCon7	Combination	Min	-207.028	-91.67	-0.016129	7	15.611	12.0859	28
8F RF	D1	UDCon8	Combination	Max	113.638	12.426	-0.001343	7	15.611	12.0859	28
8F RF	D1	UDCon8	Combination	Min	-194.182	-94.776	-0.016312	7	15.611	12.0859	28
8F RF	D1	UDCon9	Combination	Max	100.273	19.077	-0.00054	7	15.611	12.0859	28
8F RF	D1	UDCon9	Combination	Min	-186.258	-102.924	-0.016297	7	15.611	12.0859	28
8F RF	D1	UDCon10	Combination	Max	92.868	23.679	-0.001175	7	15.611	12.0859	28
8F RF	D1	UDCon10	Combination	Min	-193.663	-98.322	-0.016933	7	15.611	12.0859	28
7F RF	D1	Dead	LinStatic		-20.956	-18.729	-0.00379	8	15.611	12.0859	24.5
7F RF	D1	Live	LinStatic		-2.54	-1.69	-0.000398	8	15.611	12.0859	24.5
7F RF	D1	FF	LinStatic		-10.706	-12.033	-0.002224	8	15.611	12.0859	24.5
7F RF	D1	PW	LinStatic		-9.466	-11.367	-0.001961	8	15.611	12.0859	24.5
7F RF	D1	Earthquake+x	LinStatic		121.022	12.877	-0.002421	8	15.611	12.0859	24.5
7F RF	D1	Earthquake+y	LinStatic		14.522	124.299	0.001609	8	15.611	12.0859	24.5
7F RF	D1	TH-X Load Case	LinModHist	Max	133.158	51.169	0.007085	8	15.611	12.0859	24.5
7F RF	D1	TH-X Load Case	LinModHist	Min	-148.142	-47.783	-0.006984	8	15.611	12.0859	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Max	134.331	54.213	0.007925	8	15.611	12.0859	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Min	-126.045	-57.915	-0.007147	8	15.611	12.0859	24.5
7F RF	D1	UDCon1	Combination		-55.522	-56.874	-0.010767	8	15.611	12.0859	24.5
7F RF	D1	UDCon2	Combination		-59.332	-59.408	-0.011364	8	15.611	12.0859	24.5
7F RF	D1	UDCon3	Combination	Max	91.268	8.534	-0.00101	8	15.611	12.0859	24.5
7F RF	D1	UDCon3	Combination	Min	-190.031	-90.418	-0.015079	8	15.611	12.0859	24.5
7F RF	D1	UDCon4	Combination	Max	106.252	5.147	-0.001111	8	15.611	12.0859	24.5
7F RF	D1	UDCon4	Combination	Min	-175.048	-93.805	-0.01518	8	15.611	12.0859	24.5
7F RF	D1	UDCon5	Combination	Max	92.441	11.578	-0.00017	8	15.611	12.0859	24.5
7F RF	D1	UDCon5	Combination	Min	-167.934	-100.551	-0.015242	8	15.611	12.0859	24.5
7F RF	D1	UDCon6	Combination	Max	84.155	15.28	-0.000947	8	15.611	12.0859	24.5
7F RF	D1	UDCon6	Combination	Min	-176.22	-96.849	-0.016019	8	15.611	12.0859	24.5
7F RF	D1	UDCon7	Combination	Max	92.03	9.041	-0.00089	8	15.611	12.0859	24.5
7F RF	D1	UDCon7	Combination	Min	-189.269	-89.912	-0.014959	8	15.611	12.0859	24.5
7F RF	D1	UDCon8	Combination	Max	107.014	5.654	-0.000992	8	15.611	12.0859	24.5
7F RF	D1	UDCon8	Combination	Min	-174.286	-93.298	-0.015061	8	15.611	12.0859	24.5
7F RF	D1	UDCon9	Combination	Max	93.203	12.085	-5.1E-05	8	15.611	12.0859	24.5
7F RF	D1	UDCon9	Combination	Min	-167.172	-100.044	-0.015123	8	15.611	12.0859	24.5
7F RF	D1	UDCon10	Combination	Max	84.917	15.786	-0.000828	8	15.611	12.0859	24.5
7F RF	D1	UDCon10	Combination	Min	-175.458	-96.342	-0.0159	8	15.611	12.0859	24.5
6F RF	D1	Dead	LinStatic		-18.011	-19.568	-0.003398	9	15.611	12.0859	21
6F RF	D1	Live	LinStatic		-2.116	-1.85	-0.000358	9	15.611	12.0859	21
6F RF	D1	FF	LinStatic		-9.286	-12.28	-0.001999	9	15.611	12.0859	21
6F RF	D1	PW	LinStatic		-8.274	-11.429	-0.001762	9	15.611	12.0859	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		108.17	11.529	-0.00231	9	15.611	12.0859	21
6F RF	D1	Earthquake+y	LinStatic		13.132	111.385	0.001307	9	15.611	12.0859	21
6F RF	D1	TH-X Load Case	LinModHist	Max	118.641	47.236	0.006601	9	15.611	12.0859	21
6F RF	D1	TH-X Load Case	LinModHist	Min	-135.063	-43.686	-0.006577	9	15.611	12.0859	21
6F RF	D1	TH-Y Load Case	LinModHist	Max	121.27	49.863	0.007639	9	15.611	12.0859	21
6F RF	D1	TH-Y Load Case	LinModHist	Min	-112.421	-52.835	-0.006734	9	15.611	12.0859	21
6F RF	D1	UDCon1	Combination		-48.021	-58.424	-0.009665	9	15.611	12.0859	21
6F RF	D1	UDCon2	Combination		-51.195	-61.198	-0.010202	9	15.611	12.0859	21
6F RF	D1	UDCon3	Combination	Max	82.435	3.404	-0.000665	9	15.611	12.0859	21
6F RF	D1	UDCon3	Combination	Min	-171.269	-87.518	-0.013843	9	15.611	12.0859	21
6F RF	D1	UDCon4	Combination	Max	98.857	-0.146	-0.00069	9	15.611	12.0859	21
6F RF	D1	UDCon4	Combination	Min	-154.847	-91.067	-0.013868	9	15.611	12.0859	21
6F RF	D1	UDCon5	Combination	Max	85.064	6.031	0.000372	9	15.611	12.0859	21
6F RF	D1	UDCon5	Combination	Min	-148.627	-96.667	-0.014001	9	15.611	12.0859	21
6F RF	D1	UDCon6	Combination	Max	76.215	9.003	-0.000532	9	15.611	12.0859	21
6F RF	D1	UDCon6	Combination	Min	-157.477	-93.695	-0.014905	9	15.611	12.0859	21
6F RF	D1	UDCon7	Combination	Max	83.069	3.958	-0.000558	9	15.611	12.0859	21
6F RF	D1	UDCon7	Combination	Min	-170.635	-86.963	-0.013736	9	15.611	12.0859	21
6F RF	D1	UDCon8	Combination	Max	99.492	0.408	-0.000582	9	15.611	12.0859	21
6F RF	D1	UDCon8	Combination	Min	-154.212	-90.513	-0.01376	9	15.611	12.0859	21
6F RF	D1	UDCon9	Combination	Max	85.699	6.585	0.00048	9	15.611	12.0859	21
6F RF	D1	UDCon9	Combination	Min	-147.992	-96.112	-0.013893	9	15.611	12.0859	21
6F RF	D1	UDCon10	Combination	Max	76.849	9.557	-0.000425	9	15.611	12.0859	21
6F RF	D1	UDCon10	Combination	Min	-156.842	-93.14	-0.014798	9	15.611	12.0859	21
5F RF	D1	Dead	LinStatic		-15.021	-19.669	-0.002978	10	15.611	12.0859	17.5
5F RF	D1	Live	LinStatic		-1.704	-1.922	-0.000315	10	15.611	12.0859	17.5
5F RF	D1	FF	LinStatic		-7.81	-12.099	-0.001756	10	15.611	12.0859	17.5
5F RF	D1	PW	LinStatic		-7.014	-11.129	-0.001547	10	15.611	12.0859	17.5
5F RF	D1	Earthquake+x	LinStatic		95.301	10.227	-0.0022	10	15.611	12.0859	17.5
5F RF	D1	Earthquake+y	LinStatic		11.454	98.805	0.000993	10	15.611	12.0859	17.5
5F RF	D1	TH-X Load Case	LinModHist	Max	104.136	43.402	0.006208	10	15.611	12.0859	17.5
5F RF	D1	TH-X Load Case	LinModHist	Min	-121.305	-39.806	-0.00618	10	15.611	12.0859	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Max	107.967	45.703	0.007342	10	15.611	12.0859	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Min	-98.876	-48.397	-0.006326	10	15.611	12.0859	17.5
5F RF	D1	UDCon1	Combination		-40.291	-57.91	-0.008479	10	15.611	12.0859	17.5
5F RF	D1	UDCon2	Combination		-42.848	-60.793	-0.008952	10	15.611	12.0859	17.5
5F RF	D1	UDCon3	Combination	Max	73.779	-0.071	-0.000168	10	15.611	12.0859	17.5
5F RF	D1	UDCon3	Combination	Min	-151.662	-83.279	-0.012555	10	15.611	12.0859	17.5
5F RF	D1	UDCon4	Combination	Max	90.948	-3.667	-0.000196	10	15.611	12.0859	17.5
5F RF	D1	UDCon4	Combination	Min	-134.493	-86.875	-0.012583	10	15.611	12.0859	17.5
5F RF	D1	UDCon5	Combination	Max	77.61	2.23	0.000967	10	15.611	12.0859	17.5
5F RF	D1	UDCon5	Combination	Min	-129.233	-91.87	-0.012701	10	15.611	12.0859	17.5
5F RF	D1	UDCon6	Combination	Max	68.52	4.924	-5E-05	10	15.611	12.0859	17.5
5F RF	D1	UDCon6	Combination	Min	-138.323	-89.176	-0.013718	10	15.611	12.0859	17.5
5F RF	D1	UDCon7	Combination	Max	74.291	0.506	-7.3E-05	10	15.611	12.0859	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	UDCon7	Combination	Min	-151.15	-82.702	-0.01246	10	15.611	12.0859	17.5
5F RF	D1	UDCon8	Combination	Max	91.46	-3.09	-0.000101	10	15.611	12.0859	17.5
5F RF	D1	UDCon8	Combination	Min	-133.981	-86.298	-0.012489	10	15.611	12.0859	17.5
5F RF	D1	UDCon9	Combination	Max	78.121	2.807	0.001061	10	15.611	12.0859	17.5
5F RF	D1	UDCon9	Combination	Min	-128.722	-91.293	-0.012607	10	15.611	12.0859	17.5
5F RF	D1	UDCon10	Combination	Max	69.031	5.501	4.5E-05	10	15.611	12.0859	17.5
5F RF	D1	UDCon10	Combination	Min	-137.812	-88.599	-0.013623	10	15.611	12.0859	17.5
4F RF	D1	Dead	LinStatic		-11.86	-18.937	-0.002526	11	15.611	12.0859	14
4F RF	D1	Live	LinStatic		-1.295	-1.897	-0.000268	11	15.611	12.0859	14
4F RF	D1	FF	LinStatic		-6.198	-11.429	-0.001493	11	15.611	12.0859	14
4F RF	D1	PW	LinStatic		-5.611	-10.416	-0.001314	11	15.611	12.0859	14
4F RF	D1	Earthquake+x	LinStatic		82.614	8.999	-0.002093	11	15.611	12.0859	14
4F RF	D1	Earthquake+y	LinStatic		9.403	86.682	0.000665	11	15.611	12.0859	14
4F RF	D1	TH-X Load Case	LinModHist	Max	89.872	39.712	0.005859	11	15.611	12.0859	14
4F RF	D1	TH-X Load Case	LinModHist	Min	-107.145	-36.18	-0.005843	11	15.611	12.0859	14
4F RF	D1	TH-Y Load Case	LinModHist	Max	94.641	41.774	0.007039	11	15.611	12.0859	14
4F RF	D1	TH-Y Load Case	LinModHist	Min	-85.622	-44.188	-0.005927	11	15.611	12.0859	14
4F RF	D1	UDCon1	Combination		-31.954	-55.055	-0.007198	11	15.611	12.0859	14
4F RF	D1	UDCon2	Combination		-33.896	-57.901	-0.007601	11	15.611	12.0859	14
4F RF	D1	UDCon3	Combination	Max	65.814	-1.638	0.000447	11	15.611	12.0859	14
4F RF	D1	UDCon3	Combination	Min	-131.203	-77.531	-0.011256	11	15.611	12.0859	14
4F RF	D1	UDCon4	Combination	Max	83.087	-5.17	0.000431	11	15.611	12.0859	14
4F RF	D1	UDCon4	Combination	Min	-113.93	-81.063	-0.011272	11	15.611	12.0859	14
4F RF	D1	UDCon5	Combination	Max	70.583	0.423	0.001626	11	15.611	12.0859	14
4F RF	D1	UDCon5	Combination	Min	-109.68	-85.539	-0.011339	11	15.611	12.0859	14
4F RF	D1	UDCon6	Combination	Max	61.564	2.838	0.000514	11	15.611	12.0859	14
4F RF	D1	UDCon6	Combination	Min	-118.699	-83.124	-0.012451	11	15.611	12.0859	14
4F RF	D1	UDCon7	Combination	Max	66.203	-1.069	0.000527	11	15.611	12.0859	14
4F RF	D1	UDCon7	Combination	Min	-130.815	-76.962	-0.011175	11	15.611	12.0859	14
4F RF	D1	UDCon8	Combination	Max	83.476	-4.601	0.000511	11	15.611	12.0859	14
4F RF	D1	UDCon8	Combination	Min	-113.542	-80.494	-0.011191	11	15.611	12.0859	14
4F RF	D1	UDCon9	Combination	Max	70.971	0.993	0.001706	11	15.611	12.0859	14
4F RF	D1	UDCon9	Combination	Min	-109.292	-84.97	-0.011259	11	15.611	12.0859	14
4F RF	D1	UDCon10	Combination	Max	61.953	3.407	0.000595	11	15.611	12.0859	14
4F RF	D1	UDCon10	Combination	Min	-118.31	-82.555	-0.012371	11	15.611	12.0859	14
3F RF	D1	Dead	LinStatic		-8.418	-17.42	-0.002039	12	15.611	12.0859	10.5
3F RF	D1	Live	LinStatic		-0.879	-1.779	-0.000218	12	15.611	12.0859	10.5
3F RF	D1	FF	LinStatic		-4.38	-10.302	-0.001206	12	15.611	12.0859	10.5
3F RF	D1	PW	LinStatic		-3.999	-9.32	-0.001061	12	15.611	12.0859	10.5
3F RF	D1	Earthquake+x	LinStatic		70.298	7.817	-0.00199	12	15.611	12.0859	10.5
3F RF	D1	Earthquake+y	LinStatic		6.893	75.195	0.000319	12	15.611	12.0859	10.5
3F RF	D1	TH-X Load Case	LinModHist	Max	76.067	36.224	0.005526	12	15.611	12.0859	10.5
3F RF	D1	TH-X Load Case	LinModHist	Min	-92.884	-32.865	-0.005574	12	15.611	12.0859	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Max	81.519	38.15	0.006734	12	15.611	12.0859	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Min	-72.859	-40.272	-0.005699	12	15.611	12.0859	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	UDCon1	Combination		-22.677	-50.006	-0.005813	12	15.611	12.0859	10.5
3F RF	D1	UDCon2	Combination		-23.996	-52.675	-0.00614	12	15.611	12.0859	10.5
3F RF	D1	UDCon3	Combination	Max	59.006	-1.351	0.001155	12	15.611	12.0859	10.5
3F RF	D1	UDCon3	Combination	Min	-109.945	-70.44	-0.009945	12	15.611	12.0859	10.5
3F RF	D1	UDCon4	Combination	Max	75.823	-4.71	0.001203	12	15.611	12.0859	10.5
3F RF	D1	UDCon4	Combination	Min	-93.129	-73.799	-0.009897	12	15.611	12.0859	10.5
3F RF	D1	UDCon5	Combination	Max	64.458	0.575	0.002362	12	15.611	12.0859	10.5
3F RF	D1	UDCon5	Combination	Min	-89.921	-77.847	-0.01007	12	15.611	12.0859	10.5
3F RF	D1	UDCon6	Combination	Max	55.798	2.697	0.001328	12	15.611	12.0859	10.5
3F RF	D1	UDCon6	Combination	Min	-98.58	-75.725	-0.011105	12	15.611	12.0859	10.5
3F RF	D1	UDCon7	Combination	Max	59.27	-0.817	0.00122	12	15.611	12.0859	10.5
3F RF	D1	UDCon7	Combination	Min	-109.681	-69.907	-0.00988	12	15.611	12.0859	10.5
3F RF	D1	UDCon8	Combination	Max	76.086	-4.176	0.001268	12	15.611	12.0859	10.5
3F RF	D1	UDCon8	Combination	Min	-92.865	-73.266	-0.009832	12	15.611	12.0859	10.5
3F RF	D1	UDCon9	Combination	Max	64.722	1.109	0.002428	12	15.611	12.0859	10.5
3F RF	D1	UDCon9	Combination	Min	-89.657	-77.313	-0.010005	12	15.611	12.0859	10.5
3F RF	D1	UDCon10	Combination	Max	56.062	3.23	0.001393	12	15.611	12.0859	10.5
3F RF	D1	UDCon10	Combination	Min	-98.317	-75.192	-0.01104	12	15.611	12.0859	10.5
2F RF	D1	Dead	LinStatic		-5.031	-15.236	-0.001494	13	15.6913	12.0023	7
2F RF	D1	Live	LinStatic		-0.495	-1.58	-0.000161	13	15.6913	12.0023	7
2F RF	D1	FF	LinStatic		-2.568	-8.8	-0.000882	13	15.6913	12.0023	7
2F RF	D1	PW	LinStatic		-2.362	-7.916	-0.000776	13	15.6913	12.0023	7
2F RF	D1	Earthquake+x	LinStatic		58.265	6.625	-0.001881	13	15.6913	12.0023	7
2F RF	D1	Earthquake+y	LinStatic		3.918	64.652	-4.9E-05	13	15.6913	12.0023	7
2F RF	D1	TH-X Load Case	LinModHist	Max	62.704	32.923	0.005204	13	15.6913	12.0023	7
2F RF	D1	TH-X Load Case	LinModHist	Min	-78.943	-29.71	-0.005303	13	15.6913	12.0023	7
2F RF	D1	TH-Y Load Case	LinModHist	Max	68.43	34.835	0.006422	13	15.6913	12.0023	7
2F RF	D1	TH-Y Load Case	LinModHist	Min	-62.296	-36.669	-0.00552	13	15.6913	12.0023	7
2F RF	D1	UDCon1	Combination		-13.446	-43.135	-0.004254	13	15.6913	12.0023	7
2F RF	D1	UDCon2	Combination		-14.189	-45.506	-0.004495	13	15.6913	12.0023	7
2F RF	D1	UDCon3	Combination	Max	52.595	0.497	0.002005	13	15.6913	12.0023	7
2F RF	D1	UDCon3	Combination	Min	-89.052	-62.136	-0.008502	13	15.6913	12.0023	7
2F RF	D1	UDCon4	Combination	Max	68.834	-2.716	0.002104	13	15.6913	12.0023	7
2F RF	D1	UDCon4	Combination	Min	-72.813	-65.35	-0.008403	13	15.6913	12.0023	7
2F RF	D1	UDCon5	Combination	Max	58.322	2.408	0.003223	13	15.6913	12.0023	7
2F RF	D1	UDCon5	Combination	Min	-72.405	-69.095	-0.008719	13	15.6913	12.0023	7
2F RF	D1	UDCon6	Combination	Max	52.188	4.243	0.002321	13	15.6913	12.0023	7
2F RF	D1	UDCon6	Combination	Min	-78.539	-67.261	-0.009621	13	15.6913	12.0023	7
2F RF	D1	UDCon7	Combination	Max	52.744	0.972	0.002053	13	15.6913	12.0023	7
2F RF	D1	UDCon7	Combination	Min	-88.903	-61.662	-0.008454	13	15.6913	12.0023	7
2F RF	D1	UDCon8	Combination	Max	68.983	-2.242	0.002152	13	15.6913	12.0023	7
2F RF	D1	UDCon8	Combination	Min	-72.664	-64.875	-0.008355	13	15.6913	12.0023	7
2F RF	D1	UDCon9	Combination	Max	58.47	2.883	0.003271	13	15.6913	12.0023	7
2F RF	D1	UDCon9	Combination	Min	-72.257	-68.621	-0.008671	13	15.6913	12.0023	7
2F RF	D1	UDCon10	Combination	Max	52.336	4.717	0.002369	13	15.6913	12.0023	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	UDCon10	Combination	Min	-78.391	-66.786	-0.009573	13	15.6913	12.0023	7
1F RF	D1	Dead	LinStatic		-1.694	-11.429	-0.000882	14	15.7127	12.0198	3.5
1F RF	D1	Live	LinStatic		-0.137	-1.198	-9.6E-05	14	15.7127	12.0198	3.5
1F RF	D1	FF	LinStatic		-0.779	-6.396	-0.000514	14	15.7127	12.0198	3.5
1F RF	D1	PW	LinStatic		-0.726	-5.745	-0.000452	14	15.7127	12.0198	3.5
1F RF	D1	Earthquake+x	LinStatic		46.595	5.854	-0.001788	14	15.7127	12.0198	3.5
1F RF	D1	Earthquake+y	LinStatic		0.873	55.128	-0.000424	14	15.7127	12.0198	3.5
1F RF	D1	TH-X Load Case	LinModHist	Max	49.685	30.622	0.004931	14	15.7127	12.0198	3.5
1F RF	D1	TH-X Load Case	LinModHist	Min	-65.997	-27.592	-0.005026	14	15.7127	12.0198	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Max	55.707	32.575	0.006111	14	15.7127	12.0198	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Min	-52.364	-34.399	-0.005338	14	15.7127	12.0198	3.5
1F RF	D1	UDCon1	Combination		-4.318	-31.821	-0.002495	14	15.7127	12.0198	3.5
1F RF	D1	UDCon2	Combination		-4.523	-33.618	-0.00264	14	15.7127	12.0198	3.5
1F RF	D1	UDCon3	Combination	Max	46.445	6.692	0.003054	14	15.7127	12.0198	3.5
1F RF	D1	UDCon3	Combination	Min	-69.237	-51.522	-0.006903	14	15.7127	12.0198	3.5
1F RF	D1	UDCon4	Combination	Max	62.758	3.661	0.003149	14	15.7127	12.0198	3.5
1F RF	D1	UDCon4	Combination	Min	-52.924	-54.553	-0.006809	14	15.7127	12.0198	3.5
1F RF	D1	UDCon5	Combination	Max	52.467	8.644	0.004234	14	15.7127	12.0198	3.5
1F RF	D1	UDCon5	Combination	Min	-55.604	-58.329	-0.007215	14	15.7127	12.0198	3.5
1F RF	D1	UDCon6	Combination	Max	49.124	10.469	0.003461	14	15.7127	12.0198	3.5
1F RF	D1	UDCon6	Combination	Min	-58.947	-56.505	-0.007988	14	15.7127	12.0198	3.5
1F RF	D1	UDCon7	Combination	Max	46.486	7.051	0.003083	14	15.7127	12.0198	3.5
1F RF	D1	UDCon7	Combination	Min	-69.196	-51.163	-0.006874	14	15.7127	12.0198	3.5
1F RF	D1	UDCon8	Combination	Max	62.799	4.02	0.003178	14	15.7127	12.0198	3.5
1F RF	D1	UDCon8	Combination	Min	-52.883	-54.193	-0.00678	14	15.7127	12.0198	3.5
1F RF	D1	UDCon9	Combination	Max	52.508	9.004	0.004263	14	15.7127	12.0198	3.5
1F RF	D1	UDCon9	Combination	Min	-55.563	-57.97	-0.007186	14	15.7127	12.0198	3.5
1F RF	D1	UDCon10	Combination	Max	49.165	10.828	0.00349	14	15.7127	12.0198	3.5
1F RF	D1	UDCon10	Combination	Min	-58.906	-56.146	-0.007959	14	15.7127	12.0198	3.5
Base	D1	Dead	LinStatic		0.052	0.052	-7.9E-05	15	20.0769	9.39	0
Base	D1	Live	LinStatic		0.009	0.008	-1.3E-05	15	20.0769	9.39	0
Base	D1	FF	LinStatic		0.028	0.027	-5.2E-05	15	20.0769	9.39	0
Base	D1	PW	LinStatic		0.024	0.023	-4.9E-05	15	20.0769	9.39	0
Base	D1	Earthquake+x	LinStatic		0.278	0.201	0.000784	15	20.0769	9.39	0
Base	D1	Earthquake+y	LinStatic		0.364	0.382	-0.000564	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Max	0.376	0.349	0.000986	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Min	-0.45	-0.335	-0.001476	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Max	0.309	0.291	0.001048	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Min	-0.339	-0.315	-0.000971	15	20.0769	9.39	0
Base	D1	UDCon1	Combination		0.14	0.138	-0.000242	15	20.0769	9.39	0
Base	D1	UDCon2	Combination		0.154	0.15	-0.000261	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Max	0.482	0.454	0.000803	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Min	-0.343	-0.231	-0.001659	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Max	0.556	0.44	0.001293	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Min	-0.269	-0.244	-0.001169	15	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	UDCon5	Combination	Max	0.416	0.396	0.000865	15	20.0769	9.39	0
Base	D1	UDCon5	Combination	Min	-0.233	-0.21	-0.001154	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Max	0.446	0.42	0.000787	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Min	-0.203	-0.186	-0.001231	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Max	0.479	0.452	0.000807	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Min	-0.346	-0.233	-0.001656	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Max	0.554	0.438	0.001297	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Min	-0.272	-0.247	-0.001166	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Max	0.413	0.394	0.000868	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Min	-0.236	-0.213	-0.00115	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Max	0.443	0.418	0.000791	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Min	-0.206	-0.189	-0.001227	15	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	0.001541	0.000954	1.615	43	26.8	5	49
14	Dead	LinStatic		Diaph D1 Y	0.002025	0.001098	1.844	38	3.75	14.8	49
14	Live	LinStatic		Diaph D1 X	0.000207	0.000151	1.371	43	26.8	5	49
14	Live	LinStatic		Diaph D1 Y	0.000236	0.000147	1.604	38	3.75	14.8	49
14	FF	LinStatic		Diaph D1 X	0.000764	0.000445	1.717	43	26.8	5	49
14	FF	LinStatic		Diaph D1 Y	0.001068	0.000564	1.893	38	3.75	14.8	49
14	PW	LinStatic		Diaph D1 X	0.000642	0.000356	1.804	43	26.8	5	49
14	PW	LinStatic		Diaph D1 Y	0.000887	0.000435	2.04	38	3.75	14.8	49
14	Earthquake+x	LinStatic		Diaph D1 X	0.002973	0.002788	1.066	44	26.8	19.6	49
14	Earthquake+x	LinStatic		Diaph D1 Y	0.00068	0.000391	1.739	40	3.75	5	49
14	Earthquake+y	LinStatic		Diaph D1 Y	0.004232	0.003517	1.203	47	26.8	10	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003545	0.003407	1.04	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002316	0.001742	1.329	40	3.75	5	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004658	0.004267	1.092	44	26.8	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	0.002591	0.001918	1.351	40	3.75	5	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004176	0.003501	1.193	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002181	0.001739	1.254	33	3.75	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.003765	0.003232	1.165	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002713	0.002169	1.251	40	3.75	5	49
14	UDCon1	Combination		Diaph D1 X	0.003979	0.00237	1.679	43	26.8	5	49
14	UDCon1	Combination		Diaph D1 Y	0.005372	0.002831	1.898	38	3.75	14.8	49
14	UDCon2	Combination		Diaph D1 X	0.00429	0.002596	1.652	43	26.8	5	49
14	UDCon2	Combination		Diaph D1 Y	0.005726	0.003051	1.877	38	3.75	14.8	49
14	UDCon3	Combination	Max	Diaph D1 X	0.002953	0.001607	1.838	44	26.8	19.6	49
14	UDCon3	Combination	Max	Diaph D1 Y	0.006366	0.004353	1.462	38	3.75	14.8	49
14	UDCon3	Combination	Min	Diaph D1 X	0.006889	0.006068	1.135	41	7	5	49
14	UDCon4	Combination	Max	Diaph D1 X	0.004067	0.002466	1.649	44	26.8	19.6	49
14	UDCon4	Combination	Max	Diaph D1 Y	0.006638	0.004576	1.451	38	3.75	14.8	49
14	UDCon4	Combination	Min	Diaph D1 X	0.006281	0.005208	1.206	41	7	5	49
14	UDCon5	Combination	Max	Diaph D1 X	0.003584	0.001701	2.107	44	26.8	19.6	49
14	UDCon5	Combination	Max	Diaph D1 Y	0.006231	0.004218	1.477	38	3.75	14.8	49
14	UDCon5	Combination	Min	Diaph D1 X	0.005708	0.005032	1.134	43	26.8	5	49
14	UDCon6	Combination	Max	Diaph D1 X	0.003174	0.001431	2.217	44	26.8	19.6	49
14	UDCon6	Combination	Max	Diaph D1 Y	0.006762	0.004508	1.5	38	3.75	14.8	49
14	UDCon6	Combination	Min	Diaph D1 X	0.005839	0.005302	1.101	41	7	5	49
14	UDCon7	Combination	Max	Diaph D1 X	0.002981	0.001652	1.805	44	26.8	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	UDCon7	Combination	Max	Diaph D1 Y	0.006296	0.004309	1.461	38	3.75	14.8	49
14	UDCon7	Combination	Min	Diaph D1 X	0.006827	0.006023	1.134	41	7	5	49
14	UDCon8	Combination	Max	Diaph D1 X	0.004095	0.002511	1.631	44	26.8	19.6	49
14	UDCon8	Combination	Max	Diaph D1 Y	0.006568	0.004532	1.449	38	3.75	14.8	49
14	UDCon8	Combination	Min	Diaph D1 X	0.006219	0.005163	1.205	41	7	5	49
14	UDCon9	Combination	Max	Diaph D1 X	0.003612	0.001746	2.069	44	26.8	19.6	49
14	UDCon9	Combination	Max	Diaph D1 Y	0.00616	0.004174	1.476	38	3.75	14.8	49
14	UDCon9	Combination	Min	Diaph D1 X	0.005646	0.004987	1.132	43	26.8	5	49
14	UDCon10	Combination	Max	Diaph D1 X	0.003202	0.001477	2.169	44	26.8	19.6	49
14	UDCon10	Combination	Max	Diaph D1 Y	0.006691	0.004464	1.499	38	3.75	14.8	49
14	UDCon10	Combination	Min	Diaph D1 X	0.005777	0.005257	1.099	41	7	5	49
13	Dead	LinStatic		Diaph D1 X	0.001545	0.000943	1.638	41	7	5	45.5
13	Dead	LinStatic		Diaph D1 Y	0.001992	0.001042	1.912	40	3.75	5	45.5
13	Live	LinStatic		Diaph D1 X	0.000207	0.000149	1.388	41	7	5	45.5
13	Live	LinStatic		Diaph D1 Y	0.000232	0.00014	1.651	40	3.75	5	45.5
13	FF	LinStatic		Diaph D1 X	0.000769	0.00044	1.747	41	7	5	45.5
13	FF	LinStatic		Diaph D1 Y	0.001051	0.000532	1.977	40	3.75	5	45.5
13	PW	LinStatic		Diaph D1 X	0.000648	0.000353	1.836	41	7	5	45.5
13	PW	LinStatic		Diaph D1 Y	0.000873	0.000407	2.143	40	3.75	5	45.5
13	Earthquake+x	LinStatic		Diaph D1 X	0.003141	0.002946	1.066	44	26.8	19.6	45.5
13	Earthquake+x	LinStatic		Diaph D1 Y	0.0007	0.000396	1.769	40	3.75	5	45.5
13	Earthquake+y	LinStatic		Diaph D1 Y	0.004328	0.003583	1.208	47	26.8	10	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	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003707	0.003564	1.04	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002356	0.001771	1.33	38	3.75	14.8	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004832	0.004428	1.091	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002627	0.001943	1.352	39	3.75	10	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004325	0.003631	1.191	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002205	0.001761	1.252	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.003942	0.003392	1.162	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002755	0.002202	1.251	39	3.75	10	45.5
13	UDCon1	Combination		Diaph D1 X	0.003999	0.002344	1.706	41	7	5	45.5
13	UDCon1	Combination		Diaph D1 Y	0.005286	0.002674	1.977	40	3.75	5	45.5
13	UDCon2	Combination		Diaph D1 X	0.004309	0.002568	1.678	41	7	5	45.5
13	UDCon2	Combination		Diaph D1 Y	0.005634	0.002885	1.953	40	3.75	5	45.5
13	UDCon3	Combination	Max	Diaph D1 X	0.003169	0.001787	1.774	44	26.8	19.6	45.5
13	UDCon3	Combination	Max	Diaph D1 Y	0.006341	0.004276	1.483	40	3.75	5	45.5
13	UDCon3	Combination	Min	Diaph D1 X	0.007061	0.006212	1.137	41	7	5	45.5
13	UDCon4	Combination	Max	Diaph D1 X	0.004294	0.002651	1.62	44	26.8	19.6	45.5
13	UDCon4	Combination	Max	Diaph D1 Y	0.006612	0.004503	1.468	40	3.75	5	45.5
13	UDCon4	Combination	Min	Diaph D1 X	0.006453	0.005347	1.207	41	7	5	45.5
13	UDCon5	Combination	Max	Diaph D1 X	0.003786	0.001854	2.043	44	26.8	19.6	45.5
13	UDCon5	Combination	Max	Diaph D1 Y	0.00619	0.004133	1.498	40	3.75	5	45.5
13	UDCon5	Combination	Min	Diaph D1 X	0.005874	0.005174	1.135	41	7	5	45.5
13	UDCon6	Combination	Max	Diaph D1 X	0.003403	0.001614	2.109	44	26.8	19.6	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	UDCon6	Combination	Max	Diaph D1 Y	0.00674	0.004429	1.522	40	3.75	5	45.5
13	UDCon6	Combination	Min	Diaph D1 X	0.005972	0.005415	1.103	41	7	5	45.5
13	UDCon7	Combination	Max	Diaph D1 X	0.003196	0.001831	1.745	44	26.8	19.6	45.5
13	UDCon7	Combination	Max	Diaph D1 Y	0.006272	0.004234	1.481	40	3.75	5	45.5
13	UDCon7	Combination	Min	Diaph D1 X	0.006999	0.006167	1.135	41	7	5	45.5
13	UDCon8	Combination	Max	Diaph D1 X	0.004321	0.002696	1.603	44	26.8	19.6	45.5
13	UDCon8	Combination	Max	Diaph D1 Y	0.006542	0.004461	1.467	40	3.75	5	45.5
13	UDCon8	Combination	Min	Diaph D1 X	0.006391	0.005302	1.205	41	7	5	45.5
13	UDCon9	Combination	Max	Diaph D1 X	0.003814	0.001898	2.009	44	26.8	19.6	45.5
13	UDCon9	Combination	Max	Diaph D1 Y	0.00612	0.004091	1.496	40	3.75	5	45.5
13	UDCon9	Combination	Min	Diaph D1 X	0.005811	0.00513	1.133	41	7	5	45.5
13	UDCon10	Combination	Max	Diaph D1 X	0.003431	0.001659	2.068	44	26.8	19.6	45.5
13	UDCon10	Combination	Max	Diaph D1 Y	0.006671	0.004387	1.521	40	3.75	5	45.5
13	UDCon10	Combination	Min	Diaph D1 X	0.00591	0.00537	1.101	41	7	5	45.5
12F RF	Dead	LinStatic		Diaph D1 X	0.001547	0.000925	1.674	41	7	5	42
12F RF	Dead	LinStatic		Diaph D1 Y	0.00195	0.000967	2.018	40	3.75	5	42
12F RF	Live	LinStatic		Diaph D1 X	0.000206	0.000146	1.415	41	7	5	42
12F RF	Live	LinStatic		Diaph D1 Y	0.000227	0.000131	1.725	40	3.75	5	42
12F RF	FF	LinStatic		Diaph D1 X	0.000774	0.000431	1.795	41	7	5	42
12F RF	FF	LinStatic		Diaph D1 Y	0.00103	0.000489	2.108	40	3.75	5	42
12F RF	PW	LinStatic		Diaph D1 X	0.000653	0.000347	1.885	41	7	5	42
12F RF	PW	LinStatic		Diaph D1 Y	0.000855	0.000371	2.306	40	3.75	5	42
12F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003313	0.003109	1.066	44	26.8	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	Earthquake+x	LinStatic		Diaph D1 Y	0.000719	0.0004	1.798	39	3.75	10	42
12F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004426	0.003645	1.214	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003853	0.003708	1.039	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002394	0.001797	1.332	33	3.75	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004963	0.004553	1.09	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002652	0.001959	1.354	39	3.75	10	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004436	0.00373	1.189	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002219	0.001778	1.248	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004108	0.003547	1.158	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002791	0.002229	1.252	33	3.75	19.6	42
12F RF	UDCon1	Combination		Diaph D1 X	0.004016	0.002299	1.747	41	7	5	42
12F RF	UDCon1	Combination		Diaph D1 Y	0.005178	0.002465	2.1	40	3.75	5	42
12F RF	UDCon2	Combination		Diaph D1 X	0.004325	0.002517	1.718	41	7	5	42
12F RF	UDCon2	Combination		Diaph D1 Y	0.005518	0.002662	2.073	40	3.75	5	42
12F RF	UDCon3	Combination	Max	Diaph D1 X	0.003394	0.001963	1.729	44	26.8	19.6	42
12F RF	UDCon3	Combination	Max	Diaph D1 Y	0.006297	0.004157	1.515	40	3.75	5	42
12F RF	UDCon3	Combination	Min	Diaph D1 X	0.00719	0.006301	1.141	41	7	5	42
12F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002555	0.000651	3.923	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	Diaph D1 X	0.004504	0.002808	1.604	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	Diaph D1 Y	0.006555	0.004383	1.496	40	3.75	5	42
12F RF	UDCon4	Combination	Min	Diaph D1 X	0.006607	0.005456	1.211	41	7	5	42
12F RF	UDCon5	Combination	Max	Diaph D1 X	0.003977	0.001985	2.004	44	26.8	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	UDCon5	Combination	Max	Diaph D1 Y	0.006123	0.004	1.531	40	3.75	5	42
12F RF	UDCon5	Combination	Min	Diaph D1 X	0.006028	0.005294	1.139	41	7	5	42
12F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002254	0.00057	3.951	44	26.8	19.6	42
12F RF	UDCon6	Combination	Max	Diaph D1 X	0.003649	0.001801	2.026	33	3.75	19.6	42
12F RF	UDCon6	Combination	Max	Diaph D1 Y	0.006694	0.004301	1.556	40	3.75	5	42
12F RF	UDCon6	Combination	Min	Diaph D1 X	0.006067	0.005477	1.108	41	7	5	42
12F RF	UDCon7	Combination	Max	Diaph D1 X	0.003419	0.002007	1.704	44	26.8	19.6	42
12F RF	UDCon7	Combination	Max	Diaph D1 Y	0.006229	0.004118	1.513	40	3.75	5	42
12F RF	UDCon7	Combination	Min	Diaph D1 X	0.007129	0.006258	1.139	41	7	5	42
12F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002566	0.000691	3.714	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	Diaph D1 X	0.00453	0.002852	1.588	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	Diaph D1 Y	0.006487	0.004343	1.494	40	3.75	5	42
12F RF	UDCon8	Combination	Min	Diaph D1 X	0.006545	0.005412	1.209	41	7	5	42
12F RF	UDCon9	Combination	Max	Diaph D1 X	0.004003	0.002029	1.973	44	26.8	19.6	42
12F RF	UDCon9	Combination	Max	Diaph D1 Y	0.006055	0.003961	1.529	40	3.75	5	42
12F RF	UDCon9	Combination	Min	Diaph D1 X	0.005966	0.005251	1.136	41	7	5	42
12F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002264	0.00061	3.714	44	26.8	19.6	42
12F RF	UDCon10	Combination	Max	Diaph D1 X	0.003675	0.001845	1.992	33	3.75	19.6	42
12F RF	UDCon10	Combination	Max	Diaph D1 Y	0.006626	0.004262	1.555	40	3.75	5	42
12F RF	UDCon10	Combination	Min	Diaph D1 X	0.006006	0.005434	1.105	41	7	5	42
11F RF	Dead	LinStatic		Diaph D1 X	0.001551	0.000901	1.721	41	7	5	38.5
11F RF	Dead	LinStatic		Diaph D1 Y	0.001897	0.000871	2.178	40	3.75	5	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	Live	LinStatic		Diaph D1 X	0.000204	0.000141	1.45	41	7	5	38.5
11F RF	Live	LinStatic		Diaph D1 Y	0.00022	0.00012	1.834	40	3.75	5	38.5
11F RF	FF	LinStatic		Diaph D1 X	0.000781	0.000421	1.856	41	7	5	38.5
11F RF	FF	LinStatic		Diaph D1 Y	0.001003	0.000434	2.31	40	3.75	5	38.5
11F RF	PW	LinStatic		Diaph D1 X	0.000661	0.000339	1.948	43	26.8	5	38.5
11F RF	PW	LinStatic		Diaph D1 Y	0.000833	0.000325	2.564	40	3.75	5	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 X	0.00348	0.003268	1.065	44	26.8	19.6	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000737	0.000404	1.825	39	3.75	10	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004516	0.003697	1.222	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003975	0.00383	1.038	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002423	0.001815	1.335	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.005041	0.004628	1.089	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002661	0.001962	1.356	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004499	0.003799	1.184	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00222	0.001786	1.243	40	3.75	5	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004256	0.003684	1.155	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002814	0.002245	1.254	33	3.75	19.6	38.5
11F RF	UDCon1	Combination		Diaph D1 X	0.004039	0.002242	1.802	41	7	5	38.5
11F RF	UDCon1	Combination		Diaph D1 Y	0.005039	0.002201	2.29	40	3.75	5	38.5
11F RF	UDCon2	Combination		Diaph D1 X	0.004346	0.002454	1.771	41	7	5	38.5
11F RF	UDCon2	Combination		Diaph D1 Y	0.005369	0.002381	2.255	40	3.75	5	38.5
11F RF	UDCon3	Combination	Max	Diaph D1 X	0.00362	0.002126	1.702	33	3.75	19.6	38.5
11F RF	UDCon3	Combination	Max	Diaph D1 Y	0.006222	0.003989	1.56	40	3.75	5	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	UDCon3	Combination	Min	Diaph D1 X	0.007275	0.006333	1.149	41	7	5	38.5
11F RF	UDCon3	Combination	Min	Diaph D1 Y	0.00289	0.000876	3.3	44	26.8	19.6	38.5
11F RF	UDCon4	Combination	Max	Diaph D1 X	0.004684	0.002923	1.603	33	3.75	19.6	38.5
11F RF	UDCon4	Combination	Max	Diaph D1 Y	0.006459	0.004208	1.535	40	3.75	5	38.5
11F RF	UDCon4	Combination	Min	Diaph D1 X	0.006744	0.005535	1.219	41	7	5	38.5
11F RF	UDCon4	Combination	Min	Diaph D1 Y	0.00269	0.000657	4.094	44	26.8	19.6	38.5
11F RF	UDCon5	Combination	Max	Diaph D1 X	0.004144	0.002095	1.978	33	3.75	19.6	38.5
11F RF	UDCon5	Combination	Max	Diaph D1 Y	0.006018	0.003812	1.579	40	3.75	5	38.5
11F RF	UDCon5	Combination	Min	Diaph D1 X	0.006172	0.005389	1.145	41	7	5	38.5
11F RF	UDCon5	Combination	Min	Diaph D1 Y	0.00256	0.000787	3.251	44	26.8	19.6	38.5
11F RF	UDCon6	Combination	Max	Diaph D1 X	0.003901	0.001981	1.97	33	3.75	19.6	38.5
11F RF	UDCon6	Combination	Max	Diaph D1 Y	0.006612	0.00412	1.605	40	3.75	5	38.5
11F RF	UDCon6	Combination	Min	Diaph D1 X	0.006159	0.005504	1.119	41	7	5	38.5
11F RF	UDCon7	Combination	Max	Diaph D1 X	0.003643	0.002169	1.68	33	3.75	19.6	38.5
11F RF	UDCon7	Combination	Max	Diaph D1 Y	0.006156	0.003953	1.557	40	3.75	5	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 X	0.007214	0.00629	1.147	41	7	5	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002896	0.000912	3.176	44	26.8	19.6	38.5
11F RF	UDCon8	Combination	Max	Diaph D1 X	0.004708	0.002965	1.588	33	3.75	19.6	38.5
11F RF	UDCon8	Combination	Max	Diaph D1 Y	0.006393	0.004172	1.532	40	3.75	5	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 X	0.006683	0.005492	1.217	41	7	5	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 Y	0.002696	0.000693	3.89	44	26.8	19.6	38.5
11F RF	UDCon9	Combination	Max	Diaph D1 X	0.004167	0.002138	1.949	33	3.75	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	UDCon9	Combination	Max	Diaph D1 Y	0.005952	0.003776	1.577	40	3.75	5	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 X	0.00611	0.005347	1.143	41	7	5	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002566	0.000823	3.116	44	26.8	19.6	38.5
11F RF	UDCon10	Combination	Max	Diaph D1 X	0.003925	0.002023	1.94	33	3.75	19.6	38.5
11F RF	UDCon10	Combination	Max	Diaph D1 Y	0.006546	0.004084	1.603	40	3.75	5	38.5
11F RF	UDCon10	Combination	Min	Diaph D1 X	0.006098	0.005462	1.116	41	7	5	38.5
10F RF	Dead	LinStatic		Diaph D1 X	0.001559	0.000876	1.78	43	26.8	5	35
10F RF	Dead	LinStatic		Diaph D1 Y	0.001833	0.000756	2.424	40	3.75	5	35
10F RF	Live	LinStatic		Diaph D1 X	0.000203	0.000136	1.495	50	22.6	5	35
10F RF	Live	LinStatic		Diaph D1 Y	0.000212	0.000106	1.998	40	3.75	5	35
10F RF	FF	LinStatic		Diaph D1 X	0.000792	0.00041	1.932	43	26.8	5	35
10F RF	FF	LinStatic		Diaph D1 Y	0.00097	0.000368	2.635	40	3.75	5	35
10F RF	PW	LinStatic		Diaph D1 X	0.000673	0.000332	2.025	43	26.8	5	35
10F RF	PW	LinStatic		Diaph D1 Y	0.000806	0.000269	2.993	40	3.75	5	35
10F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003632	0.003412	1.065	44	26.8	19.6	35
10F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000753	0.000407	1.851	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004592	0.00373	1.231	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004066	0.00395	1.029	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002438	0.001822	1.339	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.005057	0.004643	1.089	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002649	0.001954	1.356	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004504	0.003819	1.179	44	26.8	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	Max	Diaph D1 Y	0.002202	0.00178	1.237	40	3.75	5	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004373	0.003795	1.152	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002818	0.002246	1.255	33	3.75	19.6	35
10F RF	UDCon1	Combination		Diaph D1 X	0.004082	0.002185	1.869	43	26.8	5	35
10F RF	UDCon1	Combination		Diaph D1 Y	0.004872	0.001881	2.59	40	3.75	5	35
10F RF	UDCon2	Combination		Diaph D1 X	0.004387	0.002388	1.837	43	26.8	5	35
10F RF	UDCon2	Combination		Diaph D1 Y	0.00519	0.00204	2.544	40	3.75	5	35
10F RF	UDCon3	Combination	Max	Diaph D1 X	0.003832	0.002291	1.673	33	3.75	19.6	35
10F RF	UDCon3	Combination	Max	Diaph D1 Y	0.00611	0.003768	1.622	40	3.75	5	35
10F RF	UDCon3	Combination	Min	Diaph D1 X	0.007316	0.006303	1.161	42	24.7	5	35
10F RF	UDCon3	Combination	Min	Diaph D1 Y	0.003276	0.001126	2.91	48	26.8	12	35
10F RF	UDCon4	Combination	Max	Diaph D1 X	0.004822	0.002984	1.616	33	3.75	19.6	35
10F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00632	0.003976	1.59	40	3.75	5	35
10F RF	UDCon4	Combination	Min	Diaph D1 X	0.006921	0.00561	1.234	50	22.6	5	35
10F RF	UDCon4	Combination	Min	Diaph D1 Y	0.00307	0.000918	3.345	48	26.8	12	35
10F RF	UDCon5	Combination	Max	Diaph D1 X	0.004269	0.002159	1.977	33	3.75	19.6	35
10F RF	UDCon5	Combination	Max	Diaph D1 Y	0.005874	0.003565	1.648	40	3.75	5	35
10F RF	UDCon5	Combination	Min	Diaph D1 X	0.006303	0.005455	1.156	50	22.6	5	35
10F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002913	0.001029	2.831	48	26.8	12	35
10F RF	UDCon6	Combination	Max	Diaph D1 X	0.004139	0.002136	1.938	33	3.75	19.6	35
10F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00649	0.00388	1.673	40	3.75	5	35
10F RF	UDCon6	Combination	Min	Diaph D1 X	0.00622	0.005478	1.135	42	24.7	5	35
10F RF	UDCon6	Combination	Min	Diaph D1 Y	0.0029	0.000715	4.057	48	26.8	12	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	UDCon7	Combination	Max	Diaph D1 X	0.003853	0.002332	1.652	33	3.75	19.6	35
10F RF	UDCon7	Combination	Max	Diaph D1 Y	0.006046	0.003736	1.618	40	3.75	5	35
10F RF	UDCon7	Combination	Min	Diaph D1 X	0.007255	0.006262	1.159	42	24.7	5	35
10F RF	UDCon7	Combination	Min	Diaph D1 Y	0.003276	0.001158	2.83	48	26.8	12	35
10F RF	UDCon8	Combination	Max	Diaph D1 X	0.004843	0.003024	1.601	33	3.75	19.6	35
10F RF	UDCon8	Combination	Max	Diaph D1 Y	0.006256	0.003944	1.586	40	3.75	5	35
10F RF	UDCon8	Combination	Min	Diaph D1 X	0.00686	0.005569	1.232	50	22.6	5	35
10F RF	UDCon8	Combination	Min	Diaph D1 Y	0.00307	0.000949	3.233	48	26.8	12	35
10F RF	UDCon9	Combination	Max	Diaph D1 X	0.00429	0.0022	1.95	33	3.75	19.6	35
10F RF	UDCon9	Combination	Max	Diaph D1 Y	0.00581	0.003533	1.645	40	3.75	5	35
10F RF	UDCon9	Combination	Min	Diaph D1 X	0.006242	0.005414	1.153	50	22.6	5	35
10F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002913	0.001061	2.746	48	26.8	12	35
10F RF	UDCon10	Combination	Max	Diaph D1 X	0.00416	0.002177	1.911	33	3.75	19.6	35
10F RF	UDCon10	Combination	Max	Diaph D1 Y	0.006426	0.003848	1.67	40	3.75	5	35
10F RF	UDCon10	Combination	Min	Diaph D1 X	0.006159	0.005437	1.133	42	24.7	5	35
10F RF	UDCon10	Combination	Min	Diaph D1 Y	0.0029	0.000747	3.884	48	26.8	12	35
9F RF	Dead	LinStatic		Diaph D1 X	0.001574	0.000851	1.849	43	26.8	5	31.5
9F RF	Dead	LinStatic		Diaph D1 Y	0.001759	0.000619	2.84	40	3.75	5	31.5
9F RF	Live	LinStatic		Diaph D1 X	0.000202	0.00013	1.552	50	22.6	5	31.5
9F RF	Live	LinStatic		Diaph D1 Y	0.000203	9E-05	2.258	40	3.75	5	31.5
9F RF	FF	LinStatic		Diaph D1 X	0.000807	0.0004	2.019	43	26.8	5	31.5
9F RF	FF	LinStatic		Diaph D1 Y	0.000932	0.000289	3.218	40	3.75	5	31.5
9F RF	PW	LinStatic		Diaph D1 X	0.00069	0.000327	2.109	43	26.8	5	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	PW	LinStatic		Diaph D1 Y	0.000775	0.000203	3.815	40	3.75	5	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003761	0.003534	1.064	33	3.75	19.6	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000764	0.000407	1.876	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004647	0.003741	1.242	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004124	0.004044	1.02	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002433	0.001813	1.342	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.005011	0.004599	1.089	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002611	0.00193	1.352	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004446	0.003783	1.175	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002162	0.001759	1.229	40	3.75	5	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004452	0.003872	1.15	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002797	0.002226	1.256	33	3.75	19.6	31.5
9F RF	UDCon1	Combination		Diaph D1 X	0.004146	0.002131	1.946	43	26.8	5	31.5
9F RF	UDCon1	Combination		Diaph D1 Y	0.004678	0.001501	3.116	40	3.75	5	31.5
9F RF	UDCon2	Combination		Diaph D1 X	0.004449	0.002326	1.913	43	26.8	5	31.5
9F RF	UDCon2	Combination		Diaph D1 Y	0.004983	0.001636	3.046	40	3.75	5	31.5
9F RF	UDCon3	Combination	Max	Diaph D1 X	0.004021	0.002427	1.657	33	3.75	19.6	31.5
9F RF	UDCon3	Combination	Max	Diaph D1 Y	0.005958	0.003485	1.71	40	3.75	5	31.5
9F RF	UDCon3	Combination	Min	Diaph D1 X	0.007321	0.006218	1.178	42	24.7	5	31.5
9F RF	UDCon3	Combination	Min	Diaph D1 Y	0.003714	0.001399	2.655	48	26.8	12	31.5
9F RF	UDCon4	Combination	Max	Diaph D1 X	0.004908	0.002982	1.646	33	3.75	19.6	31.5
9F RF	UDCon4	Combination	Max	Diaph D1 Y	0.006136	0.003677	1.669	40	3.75	5	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	UDCon4	Combination	Min	Diaph D1 X	0.007097	0.005662	1.253	50	22.6	5	31.5
9F RF	UDCon4	Combination	Min	Diaph D1 Y	0.003507	0.001207	2.906	48	26.8	12	31.5
9F RF	UDCon5	Combination	Max	Diaph D1 X	0.004343	0.002166	2.005	33	3.75	19.6	31.5
9F RF	UDCon5	Combination	Max	Diaph D1 Y	0.005688	0.003251	1.749	40	3.75	5	31.5
9F RF	UDCon5	Combination	Min	Diaph D1 X	0.006425	0.00549	1.17	50	22.6	5	31.5
9F RF	UDCon5	Combination	Min	Diaph D1 Y	0.00332	0.001295	2.564	48	26.8	12	31.5
9F RF	UDCon6	Combination	Max	Diaph D1 X	0.004349	0.002255	1.929	33	3.75	19.6	31.5
9F RF	UDCon6	Combination	Max	Diaph D1 Y	0.006322	0.003573	1.77	40	3.75	5	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 X	0.006254	0.005401	1.158	50	22.6	5	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 Y	0.003311	0.000973	3.401	48	26.8	12	31.5
9F RF	UDCon7	Combination	Max	Diaph D1 X	0.004038	0.002466	1.638	33	3.75	19.6	31.5
9F RF	UDCon7	Combination	Max	Diaph D1 Y	0.005897	0.003458	1.706	40	3.75	5	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 X	0.007261	0.006179	1.175	42	24.7	5	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 Y	0.003707	0.001426	2.6	48	26.8	12	31.5
9F RF	UDCon8	Combination	Max	Diaph D1 X	0.004925	0.003021	1.63	33	3.75	19.6	31.5
9F RF	UDCon8	Combination	Max	Diaph D1 Y	0.006075	0.00365	1.664	40	3.75	5	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 X	0.007036	0.005623	1.251	50	22.6	5	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 Y	0.0035	0.001234	2.837	48	26.8	12	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 X	0.00436	0.002205	1.978	33	3.75	19.6	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 Y	0.005627	0.003224	1.745	40	3.75	5	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 X	0.006364	0.005451	1.168	50	22.6	5	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 Y	0.003313	0.001322	2.506	48	26.8	12	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	UDCon10	Combination	Max	Diaph D1 X	0.004367	0.002294	1.904	33	3.75	19.6	31.5
9F RF	UDCon10	Combination	Max	Diaph D1 Y	0.006261	0.003546	1.766	40	3.75	5	31.5
9F RF	UDCon10	Combination	Min	Diaph D1 X	0.006193	0.005362	1.155	50	22.6	5	31.5
9F RF	UDCon10	Combination	Min	Diaph D1 Y	0.003304	0.001	3.303	48	26.8	12	31.5
8F RF	Dead	LinStatic		Diaph D1 X	0.001598	0.00083	1.924	41	7	5	28
8F RF	Dead	LinStatic		Diaph D1 Y	0.001675	0.000462	3.628	40	3.75	5	28
8F RF	Live	LinStatic		Diaph D1 X	0.000201	0.000124	1.619	41	7	5	28
8F RF	Live	LinStatic		Diaph D1 Y	0.000193	7.1E-05	2.708	40	3.75	5	28
8F RF	FF	LinStatic		Diaph D1 X	0.000829	0.000393	2.109	41	7	5	28
8F RF	FF	LinStatic		Diaph D1 Y	0.000889	0.000199	4.47	40	3.75	5	28
8F RF	PW	LinStatic		Diaph D1 X	0.000712	0.000325	2.193	41	7	5	28
8F RF	PW	LinStatic		Diaph D1 Y	0.00074	0.000127	5.837	40	3.75	5	28
8F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003857	0.003625	1.064	33	3.75	19.6	28
8F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000767	0.000404	1.898	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004675	0.003722	1.256	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004147	0.004102	1.011	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002402	0.001787	1.344	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004948	0.004567	1.083	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002543	0.001879	1.353	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004326	0.00377	1.147	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002096	0.001719	1.219	40	3.75	5	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004503	0.003918	1.149	33	3.75	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	0.00275	0.002186	1.258	33	3.75	19.6	28
8F RF	UDCon1	Combination		Diaph D1 X	0.004238	0.002091	2.027	41	7	5	28
8F RF	UDCon1	Combination		Diaph D1 Y	0.00446	0.001063	4.196	40	3.75	5	28
8F RF	UDCon2	Combination		Diaph D1 X	0.004541	0.002277	1.994	41	7	5	28
8F RF	UDCon2	Combination		Diaph D1 Y	0.00475	0.00117	4.06	40	3.75	5	28
8F RF	UDCon3	Combination	Max	Diaph D1 X	0.004175	0.002518	1.658	33	3.75	19.6	28
8F RF	UDCon3	Combination	Max	Diaph D1 Y	0.005763	0.003137	1.837	40	3.75	5	28
8F RF	UDCon3	Combination	Min	Diaph D1 X	0.00739	0.006154	1.201	41	7	5	28
8F RF	UDCon3	Combination	Min	Diaph D1 Y	0.004203	0.001692	2.484	48	26.8	12	28
8F RF	UDCon4	Combination	Max	Diaph D1 X	0.004976	0.002983	1.668	33	3.75	19.6	28
8F RF	UDCon4	Combination	Max	Diaph D1 Y	0.005904	0.003309	1.784	40	3.75	5	28
8F RF	UDCon4	Combination	Min	Diaph D1 X	0.007261	0.00569	1.276	41	7	5	28
8F RF	UDCon4	Combination	Min	Diaph D1 Y	0.004	0.00152	2.632	48	26.8	12	28
8F RF	UDCon5	Combination	Max	Diaph D1 X	0.004354	0.002185	1.992	33	3.75	19.6	28
8F RF	UDCon5	Combination	Max	Diaph D1 Y	0.005458	0.002885	1.892	40	3.75	5	28
8F RF	UDCon5	Combination	Min	Diaph D1 X	0.006535	0.005505	1.187	41	7	5	28
8F RF	UDCon5	Combination	Min	Diaph D1 Y	0.003777	0.001582	2.387	48	26.8	12	28
8F RF	UDCon6	Combination	Max	Diaph D1 X	0.004531	0.002333	1.942	33	3.75	19.6	28
8F RF	UDCon6	Combination	Max	Diaph D1 Y	0.006112	0.0032	1.91	40	3.75	5	28
8F RF	UDCon6	Combination	Min	Diaph D1 X	0.006417	0.005357	1.198	41	7	5	28
8F RF	UDCon6	Combination	Min	Diaph D1 Y	0.003801	0.001268	2.999	48	26.8	12	28
8F RF	UDCon7	Combination	Max	Diaph D1 X	0.004189	0.002555	1.64	33	3.75	19.6	28
8F RF	UDCon7	Combination	Max	Diaph D1 Y	0.005705	0.003116	1.831	40	3.75	5	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	UDCon7	Combination	Min	Diaph D1 X	0.007329	0.006117	1.198	41	7	5	28
8F RF	UDCon7	Combination	Min	Diaph D1 Y	0.004188	0.001713	2.445	48	26.8	12	28
8F RF	UDCon8	Combination	Max	Diaph D1 X	0.00499	0.00302	1.652	33	3.75	19.6	28
8F RF	UDCon8	Combination	Max	Diaph D1 Y	0.005846	0.003288	1.778	40	3.75	5	28
8F RF	UDCon8	Combination	Min	Diaph D1 X	0.0072	0.005652	1.274	41	7	5	28
8F RF	UDCon8	Combination	Min	Diaph D1 Y	0.003985	0.001541	2.586	48	26.8	12	28
8F RF	UDCon9	Combination	Max	Diaph D1 X	0.004369	0.002223	1.965	33	3.75	19.6	28
8F RF	UDCon9	Combination	Max	Diaph D1 Y	0.0054	0.002864	1.886	40	3.75	5	28
8F RF	UDCon9	Combination	Min	Diaph D1 X	0.006474	0.005468	1.184	41	7	5	28
8F RF	UDCon9	Combination	Min	Diaph D1 Y	0.003761	0.001604	2.346	48	26.8	12	28
8F RF	UDCon10	Combination	Max	Diaph D1 X	0.004545	0.00237	1.918	33	3.75	19.6	28
8F RF	UDCon10	Combination	Max	Diaph D1 Y	0.006054	0.003178	1.905	40	3.75	5	28
8F RF	UDCon10	Combination	Min	Diaph D1 X	0.006356	0.00532	1.195	41	7	5	28
8F RF	UDCon10	Combination	Min	Diaph D1 Y	0.003786	0.001289	2.937	48	26.8	12	28
7F RF	Dead	LinStatic		Diaph D1 X	0.001649	0.000826	1.995	41	7	5	24.5
7F RF	Dead	LinStatic		Diaph D1 Y	0.001584	0.000284	5.583	40	3.75	5	24.5
7F RF	Live	LinStatic		Diaph D1 X	0.000203	0.00012	1.696	41	7	5	24.5
7F RF	Live	LinStatic		Diaph D1 Y	0.000182	5E-05	3.63	40	3.75	5	24.5
7F RF	FF	LinStatic		Diaph D1 X	0.00087	0.000398	2.186	41	7	5	24.5
7F RF	FF	LinStatic		Diaph D1 Y	0.000843	9.6E-05	8.739	40	3.75	5	24.5
7F RF	PW	LinStatic		Diaph D1 X	0.000752	0.000333	2.255	41	7	5	24.5
7F RF	PW	LinStatic		Diaph D1 Y	0.000702	4.1E-05	17.279	40	3.75	5	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 X	0.00391	0.003677	1.063	33	3.75	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	Earthquake+x	LinStatic		Diaph D1 Y	0.000764	0.000399	1.917	39	3.75	10	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 X	0.001008	0.000376	2.68	41	7	5	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.00467	0.003668	1.273	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00419	0.004147	1.01	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002339	0.001744	1.341	40	3.75	5	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004877	0.004512	1.081	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002443	0.001805	1.354	40	3.75	5	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004158	0.003742	1.111	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00207	0.001693	1.223	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004524	0.003928	1.152	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002677	0.002123	1.261	40	3.75	5	24.5
7F RF	UDCon1	Combination		Diaph D1 X	0.004414	0.002103	2.099	41	7	5	24.5
7F RF	UDCon1	Combination		Diaph D1 Y	0.004225	0.000568	7.436	40	3.75	5	24.5
7F RF	UDCon2	Combination		Diaph D1 X	0.004719	0.002282	2.068	41	7	5	24.5
7F RF	UDCon2	Combination		Diaph D1 Y	0.004498	0.000643	6.991	40	3.75	5	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 X	0.004333	0.002553	1.697	33	3.75	19.6	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 Y	0.005524	0.002723	2.029	40	3.75	5	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 X	0.007479	0.006105	1.225	41	7	5	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 Y	0.004743	0.002001	2.37	48	26.8	12	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 X	0.005021	0.002919	1.72	33	3.75	19.6	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 Y	0.005627	0.002873	1.959	40	3.75	5	24.5
7F RF	UDCon4	Combination	Min	Diaph D1 X	0.007435	0.00574	1.295	41	7	5	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	UDCon4	Combination	Min	Diaph D1 Y	0.004547	0.001851	2.456	48	26.8	12	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 X	0.004302	0.002149	2.002	33	3.75	19.6	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 Y	0.005209	0.002479	2.102	40	3.75	5	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 X	0.006662	0.00552	1.207	41	7	5	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 Y	0.004307	0.0019	2.267	48	26.8	12	24.5
7F RF	UDCon6	Combination	Max	Diaph D1 X	0.004668	0.002334	2	33	3.75	19.6	24.5
7F RF	UDCon6	Combination	Max	Diaph D1 Y	0.005861	0.002772	2.115	40	3.75	5	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 X	0.006657	0.005335	1.248	41	7	5	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 Y	0.004373	0.001607	2.721	48	26.8	12	24.5
7F RF	UDCon7	Combination	Max	Diaph D1 X	0.004344	0.002589	1.678	33	3.75	19.6	24.5
7F RF	UDCon7	Combination	Max	Diaph D1 Y	0.005469	0.002708	2.02	40	3.75	5	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 X	0.007418	0.006069	1.222	41	7	5	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 Y	0.004719	0.002016	2.34	48	26.8	12	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 X	0.005032	0.002955	1.703	33	3.75	19.6	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 Y	0.005573	0.002858	1.95	40	3.75	5	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 X	0.007374	0.005704	1.293	41	7	5	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 Y	0.004523	0.001866	2.423	48	26.8	12	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 X	0.004313	0.002185	1.974	33	3.75	19.6	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 Y	0.005155	0.002464	2.092	40	3.75	5	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 X	0.006601	0.005484	1.204	41	7	5	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 Y	0.004283	0.001915	2.237	48	26.8	12	24.5
7F RF	UDCon10	Combination	Max	Diaph D1 X	0.004679	0.00237	1.974	33	3.75	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	UDCon10	Combination	Max	Diaph D1 Y	0.005806	0.002757	2.106	40	3.75	5	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 X	0.006596	0.005299	1.245	41	7	5	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 Y	0.004349	0.001622	2.681	48	26.8	12	24.5
6F RF	Dead	LinStatic		Diaph D1 X	0.001734	0.000847	2.048	40	3.75	5	21
6F RF	Dead	LinStatic		Diaph D1 Y	0.001488	8.6E-05	17.237	40	3.75	5	21
6F RF	Live	LinStatic		Diaph D1 X	0.000208	0.000117	1.777	40	3.75	5	21
6F RF	Live	LinStatic		Diaph D1 Y	0.00017	2.7E-05	6.385	40	3.75	5	21
6F RF	FF	LinStatic		Diaph D1 X	0.000933	0.000418	2.229	41	7	5	21
6F RF	PW	LinStatic		Diaph D1 X	0.000812	0.000357	2.274	41	7	5	21
6F RF	PW	LinStatic		Diaph D1 Y	0.000773	5.5E-05	14.103	48	26.8	12	21
6F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003912	0.003679	1.063	33	3.75	19.6	21
6F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000752	0.000389	1.931	39	3.75	10	21
6F RF	Earthquake+y	LinStatic		Diaph D1 X	0.001122	0.000459	2.444	41	7	5	21
6F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004623	0.003572	1.294	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004191	0.004141	1.012	33	3.75	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002243	0.001677	1.337	40	3.75	5	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004725	0.004389	1.077	33	3.75	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.0024	0.001773	1.353	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.00423	0.003809	1.11	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002064	0.00167	1.236	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004484	0.003883	1.155	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002565	0.002033	1.262	40	3.75	5	21
6F RF	UDCon1	Combination		Diaph D1 X	0.004697	0.00219	2.145	40	3.75	5	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	UDCon2	Combination		Diaph D1 X	0.005009	0.002366	2.117	40	3.75	5	21
6F RF	UDCon3	Combination	Max	Diaph D1 X	0.004417	0.002483	1.779	31	15.8	19.6	21
6F RF	UDCon3	Combination	Max	Diaph D1 Y	0.00524	0.002242	2.338	40	3.75	5	21
6F RF	UDCon3	Combination	Min	Diaph D1 X	0.007594	0.006046	1.256	40	3.75	5	21
6F RF	UDCon3	Combination	Min	Diaph D1 Y	0.005333	0.002324	2.295	48	26.8	12	21
6F RF	UDCon4	Combination	Max	Diaph D1 X	0.004951	0.002731	1.813	31	15.8	19.6	21
6F RF	UDCon4	Combination	Max	Diaph D1 Y	0.005309	0.002368	2.242	40	3.75	5	21
6F RF	UDCon4	Combination	Min	Diaph D1 X	0.007633	0.005798	1.316	40	3.75	5	21
6F RF	UDCon4	Combination	Min	Diaph D1 Y	0.005149	0.002197	2.344	48	26.8	12	21
6F RF	UDCon5	Combination	Max	Diaph D1 X	0.004455	0.002151	2.071	31	15.8	19.6	21
6F RF	UDCon5	Combination	Max	Diaph D1 Y	0.00493	0.002011	2.451	40	3.75	5	21
6F RF	UDCon5	Combination	Min	Diaph D1 X	0.006824	0.00554	1.232	41	7	5	21
6F RF	UDCon5	Combination	Min	Diaph D1 Y	0.004961	0.002264	2.191	48	26.8	12	21
6F RF	UDCon6	Combination	Max	Diaph D1 X	0.00471	0.002225	2.117	31	15.8	19.6	21
6F RF	UDCon6	Combination	Max	Diaph D1 Y	0.005563	0.002309	2.409	40	3.75	5	21
6F RF	UDCon6	Combination	Min	Diaph D1 X	0.006931	0.005466	1.268	41	7	5	21
6F RF	UDCon6	Combination	Min	Diaph D1 Y	0.004999	0.001967	2.541	48	26.8	12	21
6F RF	UDCon7	Combination	Max	Diaph D1 X	0.004425	0.002518	1.757	31	15.8	19.6	21
6F RF	UDCon7	Combination	Max	Diaph D1 Y	0.005189	0.002234	2.323	40	3.75	5	21
6F RF	UDCon7	Combination	Min	Diaph D1 X	0.007532	0.006011	1.253	40	3.75	5	21
6F RF	UDCon7	Combination	Min	Diaph D1 Y	0.005298	0.002332	2.272	48	26.8	12	21
6F RF	UDCon8	Combination	Max	Diaph D1 X	0.004959	0.002766	1.793	31	15.8	19.6	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	UDCon8	Combination	Max	Diaph D1 Y	0.005257	0.00236	2.228	40	3.75	5	21
6F RF	UDCon8	Combination	Min	Diaph D1 X	0.00757	0.005763	1.314	40	3.75	5	21
6F RF	UDCon8	Combination	Min	Diaph D1 Y	0.005114	0.002205	2.319	48	26.8	12	21
6F RF	UDCon9	Combination	Max	Diaph D1 X	0.004463	0.002186	2.041	31	15.8	19.6	21
6F RF	UDCon9	Combination	Max	Diaph D1 Y	0.004879	0.002003	2.435	40	3.75	5	21
6F RF	UDCon9	Combination	Min	Diaph D1 X	0.006762	0.005505	1.228	41	7	5	21
6F RF	UDCon9	Combination	Min	Diaph D1 Y	0.004926	0.002272	2.168	48	26.8	12	21
6F RF	UDCon10	Combination	Max	Diaph D1 X	0.004717	0.00226	2.088	31	15.8	19.6	21
6F RF	UDCon10	Combination	Max	Diaph D1 Y	0.005512	0.002301	2.395	40	3.75	5	21
6F RF	UDCon10	Combination	Min	Diaph D1 X	0.006869	0.005431	1.265	41	7	5	21
6F RF	UDCon10	Combination	Min	Diaph D1 Y	0.004964	0.001975	2.513	48	26.8	12	21
5F RF	Dead	LinStatic		Diaph D1 X	0.00186	0.0009	2.067	40	3.75	5	17.5
5F RF	Dead	LinStatic		Diaph D1 Y	0.001654	0.000135	12.267	48	26.8	12	17.5
5F RF	Live	LinStatic		Diaph D1 X	0.000216	0.000117	1.849	40	3.75	5	17.5
5F RF	FF	LinStatic		Diaph D1 X	0.001023	0.000461	2.22	40	3.75	5	17.5
5F RF	FF	LinStatic		Diaph D1 Y	0.001033	0.000145	7.118	48	26.8	12	17.5
5F RF	PW	LinStatic		Diaph D1 X	0.000898	0.000401	2.237	40	3.75	5	17.5
5F RF	PW	LinStatic		Diaph D1 Y	0.000946	0.000162	5.831	48	26.8	12	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003854	0.003627	1.063	31	15.8	19.6	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000729	0.000372	1.96	40	3.75	5	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 X	0.001272	0.000572	2.224	41	7	5	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004521	0.003427	1.319	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004128	0.004071	1.014	32	11.4	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	Max	Diaph D1 Y	0.002164	0.001613	1.341	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004494	0.004266	1.053	31	15.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002339	0.001729	1.353	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004232	0.003816	1.109	31	15.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002039	0.00163	1.251	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004377	0.0038	1.152	31	15.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002413	0.001914	1.261	40	3.75	5	17.5
5F RF	UDCon1	Combination		Diaph D1 X	0.005104	0.002379	2.145	40	3.75	5	17.5
5F RF	UDCon1	Combination		Diaph D1 Y	0.004905	0.000597	8.216	48	26.8	12	17.5
5F RF	UDCon2	Combination		Diaph D1 X	0.005428	0.002554	2.125	40	3.75	5	17.5
5F RF	UDCon2	Combination		Diaph D1 Y	0.00514	0.000596	8.62	48	26.8	12	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 X	0.004378	0.002274	1.926	31	15.8	19.6	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 Y	0.004905	0.001683	2.914	40	3.75	5	17.5
5F RF	UDCon3	Combination	Min	Diaph D1 X	0.007946	0.006094	1.304	40	3.75	5	17.5
5F RF	UDCon3	Combination	Min	Diaph D1 Y	0.005994	0.002672	2.243	48	26.8	12	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 X	0.004745	0.002499	1.898	31	15.8	19.6	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 Y	0.004942	0.001788	2.764	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 X	0.007861	0.005868	1.339	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 Y	0.005822	0.002567	2.268	48	26.8	12	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 X	0.004483	0.002019	2.221	31	15.8	19.6	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 Y	0.004606	0.00147	3.134	40	3.75	5	17.5
5F RF	UDCon5	Combination	Min	Diaph D1 X	0.007069	0.005598	1.263	40	3.75	5	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	UDCon5	Combination	Min	Diaph D1 Y	0.005684	0.002651	2.144	48	26.8	12	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 X	0.004628	0.002003	2.311	31	15.8	19.6	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 Y	0.005209	0.001767	2.948	40	3.75	5	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 X	0.007246	0.005614	1.291	40	3.75	5	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 Y	0.005694	0.002354	2.419	48	26.8	12	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 X	0.004384	0.002309	1.899	31	15.8	19.6	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 Y	0.004858	0.001683	2.886	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	Diaph D1 X	0.007881	0.006059	1.301	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	Diaph D1 Y	0.005947	0.002672	2.225	48	26.8	12	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 X	0.00475	0.002534	1.874	31	15.8	19.6	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 Y	0.004895	0.001788	2.738	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 X	0.007796	0.005833	1.336	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 Y	0.005775	0.002568	2.249	48	26.8	12	17.5
5F RF	UDCon9	Combination	Max	Diaph D1 X	0.004488	0.002054	2.185	31	15.8	19.6	17.5
5F RF	UDCon9	Combination	Max	Diaph D1 Y	0.004558	0.00147	3.102	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 X	0.007004	0.005563	1.259	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 Y	0.005637	0.002651	2.126	48	26.8	12	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 X	0.004634	0.002038	2.274	31	15.8	19.6	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 Y	0.005162	0.001767	2.922	40	3.75	5	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 X	0.007181	0.005579	1.287	40	3.75	5	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 Y	0.005647	0.002354	2.399	48	26.8	12	17.5
4F RF	Dead	LinStatic		Diaph D1 X	0.001985	0.000961	2.066	40	3.75	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	Dead	LinStatic		Diaph D1 Y	0.002041	0.000391	5.225	48	26.8	12	14
4F RF	Live	LinStatic		Diaph D1 X	0.000223	0.000117	1.915	40	3.75	5	14
4F RF	Live	LinStatic		Diaph D1 Y	0.000201	2.9E-05	6.857	48	26.8	12	14
4F RF	FF	LinStatic		Diaph D1 X	0.001113	0.000508	2.192	40	3.75	5	14
4F RF	FF	LinStatic		Diaph D1 Y	0.001267	0.000294	4.308	48	26.8	12	14
4F RF	PW	LinStatic		Diaph D1 X	0.000985	0.000451	2.185	40	3.75	5	14
4F RF	PW	LinStatic		Diaph D1 Y	0.001146	0.000288	3.976	48	26.8	12	14
4F RF	Earthquake+x	LinStatic		Diaph D1 X	0.00375	0.003532	1.062	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 X	0.00146	0.0007	2.085	40	3.75	5	14
4F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004338	0.003219	1.347	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004007	0.003949	1.015	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002084	0.001555	1.341	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004209	0.00413	1.019	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002255	0.001663	1.356	45	26.8	14.8	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004179	0.003773	1.108	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002003	0.001577	1.27	45	26.8	14.8	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004222	0.003675	1.149	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002217	0.001763	1.257	33	3.75	19.6	14
4F RF	UDCon1	Combination		Diaph D1 X	0.005513	0.002591	2.127	40	3.75	5	14
4F RF	UDCon1	Combination		Diaph D1 Y	0.006012	0.001313	4.578	48	26.8	12	14
4F RF	UDCon2	Combination		Diaph D1 X	0.005847	0.002766	2.114	40	3.75	5	14
4F RF	UDCon2	Combination		Diaph D1 Y	0.006314	0.001357	4.652	48	26.8	12	14
4F RF	UDCon3	Combination	Max	Diaph D1 X	0.004243	0.001993	2.129	31	15.8	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	UDCon3	Combination	Max	Diaph D1 Y	0.004485	0.001025	4.375	40	3.75	5	14
4F RF	UDCon3	Combination	Min	Diaph D1 X	0.00826	0.006107	1.353	40	3.75	5	14
4F RF	UDCon3	Combination	Min	Diaph D1 Y	0.006757	0.003076	2.197	48	26.8	12	14
4F RF	UDCon4	Combination	Max	Diaph D1 X	0.004437	0.002198	2.019	6	20.5	19.6	14
4F RF	UDCon4	Combination	Max	Diaph D1 Y	0.004495	0.001113	4.04	40	3.75	5	14
4F RF	UDCon4	Combination	Min	Diaph D1 X	0.008044	0.005902	1.363	40	3.75	5	14
4F RF	UDCon4	Combination	Min	Diaph D1 Y	0.006593	0.002988	2.206	48	26.8	12	14
4F RF	UDCon5	Combination	Max	Diaph D1 X	0.004407	0.001815	2.428	31	15.8	19.6	14
4F RF	UDCon5	Combination	Max	Diaph D1 Y	0.004203	0.000841	4.996	40	3.75	5	14
4F RF	UDCon5	Combination	Min	Diaph D1 X	0.007287	0.005627	1.295	40	3.75	5	14
4F RF	UDCon5	Combination	Min	Diaph D1 Y	0.006502	0.003083	2.109	48	26.8	12	14
4F RF	UDCon6	Combination	Max	Diaph D1 X	0.00445	0.001718	2.59	31	15.8	19.6	14
4F RF	UDCon6	Combination	Max	Diaph D1 Y	0.004765	0.00112	4.254	40	3.75	5	14
4F RF	UDCon6	Combination	Min	Diaph D1 X	0.007524	0.005724	1.314	40	3.75	5	14
4F RF	UDCon6	Combination	Min	Diaph D1 Y	0.006507	0.002805	2.32	48	26.8	12	14
4F RF	UDCon7	Combination	Max	Diaph D1 X	0.004246	0.002028	2.094	31	15.8	19.6	14
4F RF	UDCon7	Combination	Max	Diaph D1 Y	0.004442	0.001034	4.297	40	3.75	5	14
4F RF	UDCon7	Combination	Min	Diaph D1 X	0.008193	0.006072	1.349	40	3.75	5	14
4F RF	UDCon7	Combination	Min	Diaph D1 Y	0.006697	0.003067	2.184	48	26.8	12	14
4F RF	UDCon8	Combination	Max	Diaph D1 X	0.00444	0.002233	1.988	6	20.5	19.6	14
4F RF	UDCon8	Combination	Max	Diaph D1 Y	0.004452	0.001121	3.97	40	3.75	5	14
4F RF	UDCon8	Combination	Min	Diaph D1 X	0.007977	0.005867	1.36	40	3.75	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	UDCon8	Combination	Min	Diaph D1 Y	0.006532	0.002979	2.193	48	26.8	12	14
4F RF	UDCon9	Combination	Max	Diaph D1 X	0.00441	0.00185	2.383	31	15.8	19.6	14
4F RF	UDCon9	Combination	Max	Diaph D1 Y	0.00416	0.00085	4.894	40	3.75	5	14
4F RF	UDCon9	Combination	Min	Diaph D1 X	0.00722	0.005592	1.291	40	3.75	5	14
4F RF	UDCon9	Combination	Min	Diaph D1 Y	0.006442	0.003074	2.095	48	26.8	12	14
4F RF	UDCon10	Combination	Max	Diaph D1 X	0.004453	0.001753	2.54	31	15.8	19.6	14
4F RF	UDCon10	Combination	Max	Diaph D1 Y	0.004722	0.001129	4.183	40	3.75	5	14
4F RF	UDCon10	Combination	Min	Diaph D1 X	0.007457	0.005689	1.311	40	3.75	5	14
4F RF	UDCon10	Combination	Min	Diaph D1 Y	0.006446	0.002796	2.306	48	26.8	12	14
3F RF	Dead	LinStatic		Diaph D1 X	0.002314	0.000996	2.323	50	22.6	5	10.5
3F RF	Dead	LinStatic		Diaph D1 Y	0.00266	0.000752	3.536	45	26.8	14.8	10.5
3F RF	Live	LinStatic		Diaph D1 X	0.00025	0.000112	2.24	50	22.6	5	10.5
3F RF	Live	LinStatic		Diaph D1 Y	0.000273	7.1E-05	3.816	45	26.8	14.8	10.5
3F RF	FF	LinStatic		Diaph D1 X	0.001327	0.000538	2.468	50	22.6	5	10.5
3F RF	FF	LinStatic		Diaph D1 Y	0.001648	0.000509	3.237	45	26.8	14.8	10.5
3F RF	PW	LinStatic		Diaph D1 X	0.001183	0.000488	2.425	50	22.6	5	10.5
3F RF	PW	LinStatic		Diaph D1 Y	0.001471	0.00047	3.129	45	26.8	14.8	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003637	0.003358	1.083	6	20.5	19.6	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 X	0.001693	0.00085	1.992	50	22.6	5	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.004195	0.002993	1.402	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003888	0.003749	1.037	6	20.5	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002068	0.001534	1.349	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004085	0.004006	1.02	49	24.7	12	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-X Load Case	LinModHist	Min	Diaph D1 Y	0.002201	0.001577	1.396	47	26.8	10	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004095	0.003625	1.13	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002017	0.001535	1.314	47	26.8	10	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.004049	0.003455	1.172	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001993	0.001581	1.26	48	26.8	12	10.5
3F RF	UDCon1	Combination		Diaph D1 X	0.006513	0.002729	2.386	50	22.6	5	10.5
3F RF	UDCon1	Combination		Diaph D1 Y	0.007801	0.002337	3.338	45	26.8	14.8	10.5
3F RF	UDCon2	Combination		Diaph D1 X	0.006888	0.002897	2.378	50	22.6	5	10.5
3F RF	UDCon2	Combination		Diaph D1 Y	0.00821	0.002444	3.359	45	26.8	14.8	10.5
3F RF	UDCon3	Combination	Max	Diaph D1 X	0.004664	0.001688	2.763	44	26.8	19.6	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 X	0.008826	0.006042	1.461	50	22.6	5	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 Y	0.008002	0.003668	2.182	45	26.8	14.8	10.5
3F RF	UDCon4	Combination	Max	Diaph D1 X	0.004837	0.001932	2.503	44	26.8	19.6	10.5
3F RF	UDCon4	Combination	Min	Diaph D1 X	0.00851	0.005798	1.468	50	22.6	5	10.5
3F RF	UDCon4	Combination	Min	Diaph D1 Y	0.007854	0.003595	2.185	45	26.8	14.8	10.5
3F RF	UDCon5	Combination	Max	Diaph D1 X	0.004858	0.001557	3.121	44	26.8	19.6	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 X	0.007761	0.005499	1.411	50	22.6	5	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 Y	0.00779	0.003689	2.112	45	26.8	14.8	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 X	0.004816	0.001389	3.467	44	26.8	19.6	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 Y	0.004298	0.000184	23.389	38	3.75	14.8	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 X	0.008054	0.005667	1.421	50	22.6	5	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 Y	0.007818	0.003455	2.263	45	26.8	14.8	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	UDCon7	Combination	Max	Diaph D1 X	0.004656	0.001721	2.705	44	26.8	19.6	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 X	0.008751	0.006009	1.456	50	22.6	5	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 Y	0.00792	0.003647	2.172	45	26.8	14.8	10.5
3F RF	UDCon8	Combination	Max	Diaph D1 X	0.004829	0.001966	2.457	44	26.8	19.6	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 X	0.008435	0.005765	1.463	50	22.6	5	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 Y	0.007772	0.003574	2.175	45	26.8	14.8	10.5
3F RF	UDCon9	Combination	Max	Diaph D1 X	0.00485	0.00159	3.05	44	26.8	19.6	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 X	0.007686	0.005466	1.406	50	22.6	5	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 Y	0.007708	0.003668	2.102	45	26.8	14.8	10.5
3F RF	UDCon10	Combination	Max	Diaph D1 X	0.004808	0.001423	3.38	44	26.8	19.6	10.5
3F RF	UDCon10	Combination	Max	Diaph D1 Y	0.004259	0.000205	20.755	38	3.75	14.8	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 X	0.007979	0.005633	1.416	50	22.6	5	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 Y	0.007736	0.003434	2.253	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		Diaph D1 X	0.003201	0.001202	2.662	43	26.8	5	7
2F RF	Dead	LinStatic		Diaph D1 Y	0.003413	0.001209	2.824	45	26.8	14.8	7
2F RF	Live	LinStatic		Diaph D1 X	0.000335	0.000124	2.7	43	26.8	5	7
2F RF	Live	LinStatic		Diaph D1 Y	0.000358	0.000123	2.91	45	26.8	14.8	7
2F RF	FF	LinStatic		Diaph D1 X	0.001897	0.000683	2.778	43	26.8	5	7
2F RF	FF	LinStatic		Diaph D1 Y	0.002118	0.00078	2.716	45	26.8	14.8	7
2F RF	PW	LinStatic		Diaph D1 X	0.0017	0.000629	2.703	43	26.8	5	7
2F RF	PW	LinStatic		Diaph D1 Y	0.001875	0.000701	2.675	45	26.8	14.8	7
2F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003694	0.003165	1.167	44	26.8	19.6	7
2F RF	Earthquake+y	LinStatic		Diaph D1 X	0.002206	0.001149	1.92	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	Earthquake+y	LinStatic		Diaph D1 Y	0.004205	0.002777	1.514	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003946	0.003526	1.119	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.002065	0.001425	1.449	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004306	0.003878	1.11	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002235	0.001482	1.507	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004201	0.00345	1.218	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002111	0.001444	1.462	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00408	0.003225	1.265	33	3.75	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.002046	0.001455	1.406	43	26.8	5	7
2F RF	UDCon1	Combination		Diaph D1 X	0.009177	0.003394	2.704	43	26.8	5	7
2F RF	UDCon1	Combination		Diaph D1 Y	0.009999	0.003631	2.754	45	26.8	14.8	7
2F RF	UDCon2	Combination		Diaph D1 X	0.00968	0.00358	2.704	43	26.8	5	7
2F RF	UDCon2	Combination		Diaph D1 Y	0.010537	0.003816	2.761	45	26.8	14.8	7
2F RF	UDCon3	Combination	Max	Diaph D1 X	0.005642	0.000925	6.099	33	3.75	19.6	7
2F RF	UDCon3	Combination	Max	Diaph D1 Y	0.005663	0.001157	4.896	45	26.8	14.8	7
2F RF	UDCon3	Combination	Min	Diaph D1 X	0.010348	0.006338	1.633	43	26.8	5	7
2F RF	UDCon3	Combination	Min	Diaph D1 Y	0.009525	0.00437	2.18	45	26.8	14.8	7
2F RF	UDCon4	Combination	Max	Diaph D1 X	0.00592	0.001236	4.79	33	3.75	19.6	7
2F RF	UDCon4	Combination	Max	Diaph D1 Y	0.005504	0.001084	5.079	45	26.8	14.8	7
2F RF	UDCon4	Combination	Min	Diaph D1 X	0.010004	0.006028	1.66	43	26.8	5	7
2F RF	UDCon4	Combination	Min	Diaph D1 Y	0.009366	0.004297	2.18	45	26.8	14.8	7
2F RF	UDCon5	Combination	Max	Diaph D1 X	0.005975	0.000888	6.727	33	3.75	19.6	7
2F RF	UDCon5	Combination	Max	Diaph D1 Y	0.005653	0.001243	4.549	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	UDCon5	Combination	Min	Diaph D1 X	0.009269	0.005777	1.605	43	26.8	5	7
2F RF	UDCon5	Combination	Min	Diaph D1 Y	0.009329	0.004376	2.132	45	26.8	14.8	7
2F RF	UDCon6	Combination	Max	Diaph D1 X	0.005876	0.000674	8.716	33	3.75	19.6	7
2F RF	UDCon6	Combination	Max	Diaph D1 Y	0.005699	0.001078	5.289	45	26.8	14.8	7
2F RF	UDCon6	Combination	Min	Diaph D1 X	0.009598	0.005991	1.602	43	26.8	5	7
2F RF	UDCon6	Combination	Min	Diaph D1 Y	0.009375	0.004211	2.227	45	26.8	14.8	7
2F RF	UDCon7	Combination	Max	Diaph D1 X	0.005616	0.000962	5.835	33	3.75	19.6	7
2F RF	UDCon7	Combination	Max	Diaph D1 Y	0.005556	0.00112	4.962	45	26.8	14.8	7
2F RF	UDCon7	Combination	Min	Diaph D1 X	0.010247	0.006301	1.626	43	26.8	5	7
2F RF	UDCon7	Combination	Min	Diaph D1 Y	0.009418	0.004333	2.174	45	26.8	14.8	7
2F RF	UDCon8	Combination	Max	Diaph D1 X	0.005894	0.001273	4.63	33	3.75	19.6	7
2F RF	UDCon8	Combination	Max	Diaph D1 Y	0.005396	0.001047	5.156	45	26.8	14.8	7
2F RF	UDCon8	Combination	Min	Diaph D1 X	0.009904	0.00599	1.653	43	26.8	5	7
2F RF	UDCon8	Combination	Min	Diaph D1 Y	0.009258	0.00426	2.173	45	26.8	14.8	7
2F RF	UDCon9	Combination	Max	Diaph D1 X	0.005949	0.000925	6.428	33	3.75	19.6	7
2F RF	UDCon9	Combination	Max	Diaph D1 Y	0.005546	0.001206	4.599	45	26.8	14.8	7
2F RF	UDCon9	Combination	Min	Diaph D1 X	0.009168	0.005739	1.597	43	26.8	5	7
2F RF	UDCon9	Combination	Min	Diaph D1 Y	0.009222	0.004339	2.125	45	26.8	14.8	7
2F RF	UDCon10	Combination	Max	Diaph D1 X	0.00585	0.000711	8.223	33	3.75	19.6	7
2F RF	UDCon10	Combination	Max	Diaph D1 Y	0.005592	0.001041	5.373	45	26.8	14.8	7
2F RF	UDCon10	Combination	Min	Diaph D1 X	0.009497	0.005953	1.595	43	26.8	5	7
2F RF	UDCon10	Combination	Min	Diaph D1 Y	0.009268	0.004174	2.221	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
1F RF	Dead	LinStatic		Diaph D1 X	0.006391	0.000547	11.676	32	11.4	19.6	3.5
1F RF	Dead	LinStatic		Diaph D1 Y	0.014168	0.003997	3.545	37	20.5	14.8	3.5
1F RF	Live	LinStatic		Diaph D1 Y	0.001591	0.000464	3.431	37	20.5	14.8	3.5
1F RF	FF	LinStatic		Diaph D1 X	0.00334	0.000305	10.94	32	11.4	19.6	3.5
1F RF	FF	LinStatic		Diaph D1 Y	0.007606	0.002046	3.718	37	20.5	14.8	3.5
1F RF	PW	LinStatic		Diaph D1 X	0.002791	0.00027	10.325	32	11.4	19.6	3.5
1F RF	PW	LinStatic		Diaph D1 Y	0.006426	0.001654	3.886	37	20.5	14.8	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 X	0.017115	0.008617	1.986	33	3.75	19.6	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.007802	0.001977	3.946	40	3.75	5	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 X	0.003647	0.001273	2.865	28	20.5	5	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.017288	0.008891	1.944	38	3.75	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.018084	0.009288	1.947	44	26.8	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.022477	0.011492	1.956	39	3.75	10	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.022264	0.011351	1.962	33	3.75	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.023506	0.012018	1.956	38	3.75	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.023568	0.012018	1.961	33	3.75	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.025597	0.013055	1.961	38	3.75	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.026725	0.013599	1.965	44	26.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.026045	0.01329	1.96	38	3.75	14.8	3.5
1F RF	UDCon1	Combination		Diaph D1 X	0.016906	0.001516	11.151	32	11.4	19.6	3.5
1F RF	UDCon1	Combination		Diaph D1 Y	0.03807	0.010389	3.664	37	20.5	14.8	3.5
1F RF	UDCon2	Combination		Diaph D1 X	0.017979	0.001563	11.499	32	11.4	19.6	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	UDCon2	Combination		Diaph D1 Y	0.040457	0.011085	3.65	37	20.5	14.8	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 X	0.020779	0.005985	3.472	44	26.8	19.6	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 Y	0.029185	0.012225	2.387	37	20.5	14.8	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 X	0.022881	0.006048	3.783	40	3.75	5	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 Y	0.028147	0.000996	28.256	37	20.5	14.8	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 X	0.024795	0.008058	3.077	44	26.8	19.6	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 Y	0.029207	0.012438	2.348	37	20.5	14.8	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 X	0.017564	0.00335	5.242	40	3.75	5	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 Y	0.02817	0.001754	16.063	37	20.5	14.8	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 X	0.02621	0.008706	3.011	44	26.8	19.6	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 Y	0.02919	0.012261	2.381	37	20.5	14.8	3.5
1F RF	UDCon5	Combination	Min	Diaph D1 X	0.024279	0.006737	3.604	33	3.75	19.6	3.5
1F RF	UDCon5	Combination	Min	Diaph D1 Y	0.028143	0.000885	31.784	37	20.5	14.8	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 X	0.02942	0.010309	2.854	44	26.8	19.6	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 Y	0.029212	0.012117	2.411	37	20.5	14.8	3.5
1F RF	UDCon6	Combination	Min	Diaph D1 X	0.021129	0.005189	4.072	33	3.75	19.6	3.5
1F RF	UDCon7	Combination	Max	Diaph D1 X	0.020735	0.00606	3.421	44	26.8	19.6	3.5
1F RF	UDCon7	Combination	Max	Diaph D1 Y	0.028708	0.012058	2.381	37	20.5	14.8	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 X	0.0228	0.006115	3.728	40	3.75	5	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 Y	0.02767	0.000857	32.286	37	20.5	14.8	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 X	0.024751	0.008134	3.043	44	26.8	19.6	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 Y	0.02873	0.012282	2.339	37	20.5	14.8	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	UDCon8	Combination	Min	Diaph D1 X	0.017483	0.003417	5.116	40	3.75	5	3.5
1F RF	UDCon8	Combination	Min	Diaph D1 Y	0.027692	0.001615	17.152	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 X	0.026165	0.008782	2.98	44	26.8	19.6	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 Y	0.028712	0.012105	2.372	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Min	Diaph D1 X	0.024318	0.006864	3.543	33	3.75	19.6	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 X	0.029376	0.010385	2.829	44	26.8	19.6	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 Y	0.028735	0.011943	2.406	37	20.5	14.8	3.5
1F RF	UDCon10	Combination	Min	Diaph D1 X	0.021168	0.005316	3.982	33	3.75	19.6	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	2886.71	2136.07	482.48	0.164	0.179	0.136
14	D1	TH-X Load Case	LinModHist	Min	-1945.87	-1679.44	-624.98	-0.143	-0.138	-0.146
14	D1	TH-Y Load Case	LinModHist	Max	2261.69	1981.92	516.65	0.166	0.142	0.117
14	D1	TH-Y Load Case	LinModHist	Min	-2697.58	-1886.53	-500.52	-0.176	-0.154	-0.143
13	D1	TH-X Load Case	LinModHist	Max	2387.43	1866.06	475.79	0.166	0.178	0.12
13	D1	TH-X Load Case	LinModHist	Min	-1681.13	-1593.47	-620.07	-0.14	-0.132	-0.125
13	D1	TH-Y Load Case	LinModHist	Max	1956.3	1807.97	517.64	0.163	0.14	0.112
13	D1	TH-Y Load Case	LinModHist	Min	-2202.74	-1610.58	-483.3	-0.176	-0.15	-0.124
12F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	1594.39	456.52	0.166	0.171	0.102
12F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-1495.36	-600.81	-0.135	-0.123	-0.104
12F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	1628.9	509.88	0.156	0.133	0.109
12F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-1336.29	-462.74	-0.174	-0.14	-0.106
11F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	1324.26	422.89	0.164	0.156	0.086
11F RF	D1	TH-X Load Case	LinModHist	Min	-1733.59	-1378.48	-564.7	-0.126	-0.115	-0.083
11F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	1442.2	490.74	0.145	0.133	0.101
11F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-1183.09	-442.51	-0.168	-0.135	-0.094
10F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	1106.72	375.72	0.16	0.135	0.077
10F RF	D1	TH-X Load Case	LinModHist	Min	-1724.41	-1238.84	-512.44	-0.115	-0.111	-0.072
10F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	1247.5	459.53	0.13	0.131	0.09
10F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-1122.62	-409.82	-0.161	-0.127	-0.08
9F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	1169.93	388.93	0.154	0.11	0.079
9F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-1128.05	-488.73	-0.118	-0.115	-0.073
9F RF	D1	TH-Y Load Case	LinModHist	Max	1929.64	1073.77	417.06	0.122	0.125	0.078
9F RF	D1	TH-Y Load Case	LinModHist	Min	-1753.69	-1197.25	-380.63	-0.15	-0.114	-0.083

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
8F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	1221.6	422.3	0.145	0.117	0.083
8F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-1103.58	-514.86	-0.122	-0.117	-0.088
8F RF	D1	TH-Y Load Case	LinModHist	Max	2052.4	1188.04	365.27	0.124	0.117	0.09
8F RF	D1	TH-Y Load Case	LinModHist	Min	-1780.41	-1281.12	-422.17	-0.138	-0.097	-0.098
7F RF	D1	TH-X Load Case	LinModHist	Max	2306.29	1334.26	439.28	0.134	0.121	0.096
7F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-1157.69	-526.26	-0.124	-0.116	-0.1
7F RF	D1	TH-Y Load Case	LinModHist	Max	2105.59	1294.71	329.82	0.122	0.107	0.103
7F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-1389.01	-451.56	-0.123	-0.084	-0.111
6F RF	D1	TH-X Load Case	LinModHist	Max	2294.1	1442.51	435.37	0.12	0.12	0.107
6F RF	D1	TH-X Load Case	LinModHist	Min	-1706.08	-1214.24	-519.36	-0.124	-0.114	-0.109
6F RF	D1	TH-Y Load Case	LinModHist	Max	2092.12	1391.71	377.31	0.118	0.113	0.114
6F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-1483.16	-464.04	-0.116	-0.083	-0.12
5F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	1531.54	408.81	0.106	0.113	0.117
5F RF	D1	TH-X Load Case	LinModHist	Min	-1769.14	-1319.76	-492.83	-0.12	-0.109	-0.116
5F RF	D1	TH-Y Load Case	LinModHist	Max	2019.46	1477.2	406.61	0.109	0.112	0.122
5F RF	D1	TH-Y Load Case	LinModHist	Min	-1761.73	-1562.65	-456.93	-0.109	-0.088	-0.128
4F RF	D1	TH-X Load Case	LinModHist	Max	2339.45	1602.2	375.7	0.092	0.113	0.126
4F RF	D1	TH-X Load Case	LinModHist	Min	-1774.23	-1413.04	-447.8	-0.11	-0.107	-0.121
4F RF	D1	TH-Y Load Case	LinModHist	Max	2071.63	1549.75	438.91	0.097	0.103	0.127
4F RF	D1	TH-Y Load Case	LinModHist	Min	-1873.11	-1626.39	-430.03	-0.097	-0.101	-0.133
3F RF	D1	TH-X Load Case	LinModHist	Max	2546.17	1655.51	376.61	0.087	0.126	0.132
3F RF	D1	TH-X Load Case	LinModHist	Min	-1822.07	-1490.58	-429.1	-0.094	-0.112	-0.125
3F RF	D1	TH-Y Load Case	LinModHist	Max	2120.99	1608.5	445.82	0.082	0.097	0.132
3F RF	D1	TH-Y Load Case	LinModHist	Min	-1947.16	-1674.34	-389.62	-0.083	-0.115	-0.139
2F RF	D1	TH-X Load Case	LinModHist	Max	2631.23	1593.2	337.73	0.092	0.109	0.138
2F RF	D1	TH-X Load Case	LinModHist	Min	-1913.39	-1527.38	-374.26	-0.094	-0.115	-0.128
2F RF	D1	TH-Y Load Case	LinModHist	Max	1938.49	1546.31	375.32	0.069	0.112	0.138
2F RF	D1	TH-Y Load Case	LinModHist	Min	-1933.87	-1677.54	-295.67	-0.07	-0.101	-0.145
1F RF	D1	TH-X Load Case	LinModHist	Max	2664.89	1612.79	447.08	0.12	0.343	0.139
1F RF	D1	TH-X Load Case	LinModHist	Min	-2073.82	-1600.01	-458.01	-0.123	-0.34	-0.144
1F RF	D1	TH-Y Load Case	LinModHist	Max	1905.48	1573.01	377.74	0.137	0.25	0.153
1F RF	D1	TH-Y Load Case	LinModHist	Min	-2120.03	-1676.17	-335.84	-0.118	-0.259	-0.147
Base	D1	TH-X Load Case	LinModHist	Max	2258.1	56.83	1076.69	1.029	1.404	0.072
Base	D1	TH-X Load Case	LinModHist	Min	-1681.13	-52.1	-1282.19	-0.879	-1.177	-0.061
Base	D1	TH-Y Load Case	LinModHist	Max	1848.01	44.6	864.48	0.779	1.058	0.051
Base	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-37.33	-1039.81	-0.629	-0.88	-0.046

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	85.99	42.135	2.041
13	Dead	LinStatic		X	80.609	38.795	2.078
12F RF	Dead	LinStatic		X	75.206	35.488	2.119
12F RF	Dead	LinStatic		Y	67.238	4.549	14.78

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	Dead	LinStatic		X	69.796	32.249	2.164
11F RF	Dead	LinStatic		Y	67.195	7.927	8.477
10F RF	Dead	LinStatic		X	64.376	29.093	2.213
10F RF	Dead	LinStatic		Y	66.671	10.973	6.076
9F RF	Dead	LinStatic		X	58.934	26.027	2.264
9F RF	Dead	LinStatic		Y	65.569	13.62	4.814
8F RF	Dead	LinStatic		X	53.446	23.05	2.319
8F RF	Dead	LinStatic		Y	63.793	15.799	4.038
7F RF	Dead	LinStatic		X	47.863	20.141	2.376
7F RF	Dead	LinStatic		Y	61.248	17.438	3.512
6F RF	Dead	LinStatic		X	42.109	17.25	2.441
6F RF	Dead	LinStatic		Y	57.836	18.464	3.132
5F RF	Dead	LinStatic		X	36.281	14.394	2.521
5F RF	Dead	LinStatic		Y	53.442	18.798	2.843
4F RF	Dead	LinStatic		X	30.343	11.489	2.641
4F RF	Dead	LinStatic		Y	47.892	18.351	2.61
3F RF	Dead	LinStatic		X	23.984	8.377	2.863
3F RF	Dead	LinStatic		Y	40.862	16.993	2.405
2F RF	Dead	LinStatic		X	16.069	4.687	3.428
2F RF	Dead	LinStatic		Y	31.758	14.421	2.202
1F RF	Dead	LinStatic		X	9.045	2.118	4.27
1F RF	Dead	LinStatic		Y	21.633	10.719	2.018
Base	Dead	LinStatic		Y	0.069	0.034	2
14	Live	LinStatic		X	10.365	5.876	1.764
14	Live	LinStatic		Y	8.358	1.272	6.572
13	Live	LinStatic		X	9.641	5.346	1.803
13	Live	LinStatic		Y	7.535	0.757	9.951
12F RF	Live	LinStatic		X	8.917	4.824	1.849
11F RF	Live	LinStatic		X	8.197	4.314	1.9
10F RF	Live	LinStatic		X	7.483	3.82	1.959
10F RF	Live	LinStatic		Y	6.394	0.612	10.442
9F RF	Live	LinStatic		X	6.774	3.345	2.025
9F RF	Live	LinStatic		Y	6.397	0.984	6.499
8F RF	Live	LinStatic		X	6.069	2.89	2.1
8F RF	Live	LinStatic		Y	6.32	1.3	4.86
7F RF	Live	LinStatic		X	5.365	2.454	2.186
7F RF	Live	LinStatic		Y	6.153	1.553	3.963
6F RF	Live	LinStatic		X	4.656	2.035	2.288
6F RF	Live	LinStatic		Y	5.884	1.732	3.397
5F RF	Live	LinStatic		X	3.954	1.637	2.416
5F RF	Live	LinStatic		Y	5.499	1.829	3.006
4F RF	Live	LinStatic		X	3.257	1.254	2.598
4F RF	Live	LinStatic		Y	4.979	1.834	2.714
3F RF	Live	LinStatic		X	2.537	0.87	2.915
3F RF	Live	LinStatic		Y	4.287	1.732	2.475

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	Live	LinStatic		X	1.681	0.456	3.689
2F RF	Live	LinStatic		Y	3.354	1.488	2.254
1F RF	Live	LinStatic		X	0.946	0.187	5.062
1F RF	Live	LinStatic		Y	2.324	1.126	2.064
Base	Live	LinStatic		X	0.002	0.001	2
Base	Live	LinStatic		Y	0.006	0.003	2
14	FF	LinStatic		X	45.757	20.524	2.229
13	FF	LinStatic		X	43.089	18.964	2.272
13	FF	LinStatic		Y	41.253	3.175	12.993
12F RF	FF	LinStatic		X	40.4	17.421	2.319
12F RF	FF	LinStatic		Y	41.307	5.035	8.204
11F RF	FF	LinStatic		X	37.695	15.91	2.369
11F RF	FF	LinStatic		Y	41.133	6.743	6.1
10F RF	FF	LinStatic		X	34.968	14.436	2.422
10F RF	FF	LinStatic		Y	40.673	8.26	4.924
9F RF	FF	LinStatic		X	32.208	13.003	2.477
9F RF	FF	LinStatic		Y	39.869	9.549	4.175
8F RF	FF	LinStatic		X	29.397	11.606	2.533
8F RF	FF	LinStatic		Y	38.663	10.569	3.658
7F RF	FF	LinStatic		X	26.5	10.228	2.591
7F RF	FF	LinStatic		Y	36.998	11.28	3.28
6F RF	FF	LinStatic		X	23.462	8.834	2.656
6F RF	FF	LinStatic		Y	34.816	11.638	2.992
5F RF	FF	LinStatic		X	20.353	7.438	2.736
5F RF	FF	LinStatic		Y	32.046	11.597	2.763
4F RF	FF	LinStatic		X	17.144	5.983	2.866
4F RF	FF	LinStatic		Y	28.58	11.103	2.574
3F RF	FF	LinStatic		X	13.637	4.381	3.113
3F RF	FF	LinStatic		Y	24.216	10.078	2.403
2F RF	FF	LinStatic		X	9.111	2.381	3.826
2F RF	FF	LinStatic		Y	18.584	8.338	2.229
1F RF	FF	LinStatic		X	5.15	1.076	4.784
1F RF	FF	LinStatic		Y	12.316	5.937	2.074
Base	FF	LinStatic		X	0.007	0.004	2
Base	FF	LinStatic		Y	0.038	0.019	2
14	PW	LinStatic		X	39.723	17.374	2.286
14	PW	LinStatic		Y	38.486	3.209	11.993
13	PW	LinStatic		X	37.481	16.127	2.324
13	PW	LinStatic		Y	38.435	4.73	8.125
12F RF	PW	LinStatic		X	35.218	14.891	2.365
12F RF	PW	LinStatic		Y	38.241	6.155	6.213
11F RF	PW	LinStatic		X	32.936	13.676	2.408
11F RF	PW	LinStatic		Y	37.853	7.451	5.081
10F RF	PW	LinStatic		X	30.628	12.488	2.453
10F RF	PW	LinStatic		Y	37.221	8.586	4.335

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
9F RF	PW	LinStatic		X	28.283	11.326	2.497
9F RF	PW	LinStatic		Y	36.297	9.529	3.809
8F RF	PW	LinStatic		X	25.882	10.184	2.541
8F RF	PW	LinStatic		Y	35.032	10.246	3.419
7F RF	PW	LinStatic		X	23.395	9.046	2.586
7F RF	PW	LinStatic		Y	33.378	10.702	3.119
6F RF	PW	LinStatic		X	20.769	7.878	2.636
6F RF	PW	LinStatic		Y	31.284	10.861	2.88
5F RF	PW	LinStatic		X	18.068	6.691	2.7
5F RF	PW	LinStatic		Y	28.691	10.685	2.685
4F RF	PW	LinStatic		X	15.257	5.428	2.811
4F RF	PW	LinStatic		Y	25.506	10.127	2.519
3F RF	PW	LinStatic		X	12.161	4.01	3.033
3F RF	PW	LinStatic		Y	21.558	9.122	2.363
2F RF	PW	LinStatic		X	8.126	2.205	3.685
2F RF	PW	LinStatic		Y	16.531	7.516	2.199
1F RF	PW	LinStatic		X	4.568	0.986	4.635
1F RF	PW	LinStatic		Y	10.929	5.33	2.05
Base	PW	LinStatic		X	0.009	0.005	2
Base	PW	LinStatic		Y	0.036	0.018	2
14	Earthquake+x	LinStatic		X	223.725	200.929	1.113
14	Earthquake+x	LinStatic		Y	59.442	23.516	2.528
13	Earthquake+x	LinStatic		X	213.321	191.168	1.116
13	Earthquake+x	LinStatic		Y	57.063	22.147	2.576
12F RF	Earthquake+x	LinStatic		X	202.328	180.858	1.119
12F RF	Earthquake+x	LinStatic		Y	54.613	20.763	2.63
11F RF	Earthquake+x	LinStatic		X	190.733	169.977	1.122
11F RF	Earthquake+x	LinStatic		Y	52.095	19.363	2.691
10F RF	Earthquake+x	LinStatic		X	178.553	158.541	1.126
10F RF	Earthquake+x	LinStatic		Y	49.515	17.947	2.759
9F RF	Earthquake+x	LinStatic		X	165.84	146.596	1.131
9F RF	Earthquake+x	LinStatic		Y	46.886	16.523	2.838
8F RF	Earthquake+x	LinStatic		X	152.681	134.225	1.138
8F RF	Earthquake+x	LinStatic		Y	44.22	15.095	2.929
7F RF	Earthquake+x	LinStatic		X	139.19	121.535	1.145
7F RF	Earthquake+x	LinStatic		Y	41.54	13.672	3.038
6F RF	Earthquake+x	LinStatic		X	125.518	108.661	1.155
6F RF	Earthquake+x	LinStatic		Y	38.869	12.266	3.169
5F RF	Earthquake+x	LinStatic		X	111.84	95.743	1.168
5F RF	Earthquake+x	LinStatic		Y	36.254	10.902	3.325
4F RF	Earthquake+x	LinStatic		X	98.368	82.962	1.186
4F RF	Earthquake+x	LinStatic		Y	33.719	9.605	3.511
3F RF	Earthquake+x	LinStatic		X	85.264	70.52	1.209
3F RF	Earthquake+x	LinStatic		Y	31.282	8.409	3.72
2F RF	Earthquake+x	LinStatic		X	72.64	58.786	1.236

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	Earthquake+x	LinStatic		Y	29.075	7.427	3.915
1F RF	Earthquake+x	LinStatic		X	60.095	47.149	1.275
1F RF	Earthquake+x	LinStatic		Y	27.308	6.914	3.95
Base	Earthquake+x	LinStatic		X	0.741	0.37	2
14	Earthquake+y	LinStatic		Y	252.101	213.413	1.181
13	Earthquake+y	LinStatic		Y	237.292	201.103	1.18
12F RF	Earthquake+y	LinStatic		Y	222.144	188.561	1.178
11F RF	Earthquake+y	LinStatic		X	37.213	17.63	2.111
11F RF	Earthquake+y	LinStatic		Y	206.654	175.801	1.175
10F RF	Earthquake+y	LinStatic		X	34.757	16.985	2.046
10F RF	Earthquake+y	LinStatic		Y	190.851	162.864	1.172
9F RF	Earthquake+y	LinStatic		X	32.084	16.216	1.979
9F RF	Earthquake+y	LinStatic		Y	174.792	149.811	1.167
8F RF	Earthquake+y	LinStatic		X	29.168	15.298	1.907
8F RF	Earthquake+y	LinStatic		Y	158.539	136.72	1.16
7F RF	Earthquake+y	LinStatic		X	25.976	14.199	1.829
7F RF	Earthquake+y	LinStatic		Y	142.193	123.698	1.15
6F RF	Earthquake+y	LinStatic		X	22.46	12.873	1.745
6F RF	Earthquake+y	LinStatic		Y	125.933	110.901	1.136
5F RF	Earthquake+y	LinStatic		X	18.628	11.294	1.649
5F RF	Earthquake+y	LinStatic		Y	109.909	98.475	1.116
4F RF	Earthquake+y	LinStatic		X	14.493	9.444	1.535
4F RF	Earthquake+y	LinStatic		Y	94.289	86.569	1.089
3F RF	Earthquake+y	LinStatic		Y	79.203	75.346	1.051
2F RF	Earthquake+y	LinStatic		Y	65.227	64.844	1.006
1F RF	Earthquake+y	LinStatic		Y	60.506	55.172	1.097
Base	Earthquake+y	LinStatic		Y	0.283	0.141	2
14	TH-X Load Case	LinModHist	Max	X	235.867	224.889	1.049
14	TH-X Load Case	LinModHist	Max	Y	171.05	119.708	1.429
13	TH-X Load Case	LinModHist	Max	X	223.461	213.183	1.048
13	TH-X Load Case	LinModHist	Max	Y	162.945	113.743	1.433
12F RF	TH-X Load Case	LinModHist	Max	X	210.485	200.888	1.048
12F RF	TH-X Load Case	LinModHist	Max	Y	154.7	107.676	1.437
11F RF	TH-X Load Case	LinModHist	Max	X	197.208	188.122	1.048
11F RF	TH-X Load Case	LinModHist	Max	Y	146.321	101.514	1.441
10F RF	TH-X Load Case	LinModHist	Max	X	184.262	175.213	1.052
10F RF	TH-X Load Case	LinModHist	Max	Y	137.84	95.281	1.447
9F RF	TH-X Load Case	LinModHist	Max	X	170.706	161.719	1.056
9F RF	TH-X Load Case	LinModHist	Max	Y	129.306	89.015	1.453
8F RF	TH-X Load Case	LinModHist	Max	X	156.635	147.74	1.06
8F RF	TH-X Load Case	LinModHist	Max	Y	121.638	83.19	1.462
7F RF	TH-X Load Case	LinModHist	Max	X	142.186	133.408	1.066
7F RF	TH-X Load Case	LinModHist	Max	Y	114.289	77.549	1.474
6F RF	TH-X Load Case	LinModHist	Max	X	127.534	118.892	1.073
6F RF	TH-X Load Case	LinModHist	Max	Y	107.143	71.827	1.492

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
5F RF	TH-X Load Case	LinModHist	Max	X	112.879	104.356	1.082
5F RF	TH-X Load Case	LinModHist	Max	Y	100.293	66.473	1.509
4F RF	TH-X Load Case	LinModHist	Max	X	98.458	90.012	1.094
4F RF	TH-X Load Case	LinModHist	Max	Y	93.836	61.363	1.529
3F RF	TH-X Load Case	LinModHist	Max	X	85.709	76.719	1.117
3F RF	TH-X Load Case	LinModHist	Max	Y	87.882	56.586	1.553
2F RF	TH-X Load Case	LinModHist	Max	X	74.594	64.805	1.151
2F RF	TH-X Load Case	LinModHist	Max	Y	82.658	52.278	1.581
1F RF	TH-X Load Case	LinModHist	Max	X	63.59	53.008	1.2
1F RF	TH-X Load Case	LinModHist	Max	Y	78.67	48.802	1.612
Base	TH-X Load Case	LinModHist	Max	X	0.884	0.442	2
Base	TH-X Load Case	LinModHist	Max	Y	1.068	0.534	2
14	TH-X Load Case	LinModHist	Min	X	259.789	234.231	1.109
14	TH-X Load Case	LinModHist	Min	Y	169.455	120.322	1.408
13	TH-X Load Case	LinModHist	Min	X	243.484	221.189	1.101
13	TH-X Load Case	LinModHist	Min	Y	161.299	114.445	1.409
12F RF	TH-X Load Case	LinModHist	Min	X	226.571	208.627	1.086
12F RF	TH-X Load Case	LinModHist	Min	Y	153.028	108.467	1.411
11F RF	TH-X Load Case	LinModHist	Min	X	209.2	195.443	1.07
11F RF	TH-X Load Case	LinModHist	Min	Y	144.663	102.397	1.413
10F RF	TH-X Load Case	LinModHist	Min	X	193.152	182.47	1.059
10F RF	TH-X Load Case	LinModHist	Min	Y	136.247	96.252	1.416
9F RF	TH-X Load Case	LinModHist	Min	X	182.684	171.806	1.063
9F RF	TH-X Load Case	LinModHist	Min	Y	127.836	90.065	1.419
8F RF	TH-X Load Case	LinModHist	Min	X	172.204	160.654	1.072
8F RF	TH-X Load Case	LinModHist	Min	Y	120.736	84.494	1.429
7F RF	TH-X Load Case	LinModHist	Min	X	160.603	148.486	1.082
7F RF	TH-X Load Case	LinModHist	Min	Y	114.327	79.242	1.443
6F RF	TH-X Load Case	LinModHist	Min	X	148.007	135.421	1.093
6F RF	TH-X Load Case	LinModHist	Min	Y	108.018	74.069	1.458
5F RF	TH-X Load Case	LinModHist	Min	X	134.62	122.812	1.096
5F RF	TH-X Load Case	LinModHist	Min	Y	101.911	69.156	1.474
4F RF	TH-X Load Case	LinModHist	Min	X	120.734	109.779	1.1
4F RF	TH-X Load Case	LinModHist	Min	Y	96.102	64.441	1.491
3F RF	TH-X Load Case	LinModHist	Min	X	106.587	96.395	1.106
3F RF	TH-X Load Case	LinModHist	Min	Y	90.712	60.015	1.511
2F RF	TH-X Load Case	LinModHist	Min	X	92.421	83.161	1.111
2F RF	TH-X Load Case	LinModHist	Min	Y	85.953	55.868	1.539
1F RF	TH-X Load Case	LinModHist	Min	X	77.976	69.506	1.122
1F RF	TH-X Load Case	LinModHist	Min	Y	82.27	52.557	1.565
Base	TH-X Load Case	LinModHist	Min	X	1.321	0.66	2
Base	TH-X Load Case	LinModHist	Min	Y	0.96	0.48	2
14	TH-Y Load Case	LinModHist	Max	X	251.176	210.748	1.192
14	TH-Y Load Case	LinModHist	Max	Y	159.819	119.039	1.343
13	TH-Y Load Case	LinModHist	Max	X	241.195	201.882	1.195

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
13	TH-Y Load Case	LinModHist	Max	Y	154.446	114.06	1.354
12F RF	TH-Y Load Case	LinModHist	Max	X	230.575	192.431	1.198
12F RF	TH-Y Load Case	LinModHist	Max	Y	148.966	108.98	1.367
11F RF	TH-Y Load Case	LinModHist	Max	X	219.247	182.323	1.203
11F RF	TH-Y Load Case	LinModHist	Max	Y	143.37	103.795	1.381
10F RF	TH-Y Load Case	LinModHist	Max	X	207.173	171.525	1.208
10F RF	TH-Y Load Case	LinModHist	Max	Y	137.662	99.06	1.39
9F RF	TH-Y Load Case	LinModHist	Max	X	194.36	160.044	1.214
9F RF	TH-Y Load Case	LinModHist	Max	Y	131.86	94.291	1.398
8F RF	TH-Y Load Case	LinModHist	Max	X	180.857	147.925	1.223
8F RF	TH-Y Load Case	LinModHist	Max	Y	125.993	89.349	1.41
7F RF	TH-Y Load Case	LinModHist	Max	X	166.762	135.248	1.233
7F RF	TH-Y Load Case	LinModHist	Max	Y	120.107	83.998	1.43
6F RF	TH-Y Load Case	LinModHist	Max	X	152.222	122.145	1.246
6F RF	TH-Y Load Case	LinModHist	Max	Y	114.265	78.739	1.451
5F RF	TH-Y Load Case	LinModHist	Max	X	137.985	109.044	1.265
5F RF	TH-Y Load Case	LinModHist	Max	Y	108.548	74.119	1.465
4F RF	TH-Y Load Case	LinModHist	Max	X	123.947	95.975	1.291
4F RF	TH-Y Load Case	LinModHist	Max	Y	103.049	69.633	1.48
3F RF	TH-Y Load Case	LinModHist	Max	X	110.104	83.072	1.325
3F RF	TH-Y Load Case	LinModHist	Max	Y	97.874	65.388	1.497
2F RF	TH-Y Load Case	LinModHist	Max	X	96.556	71.147	1.357
2F RF	TH-Y Load Case	LinModHist	Max	Y	93.236	61.297	1.521
1F RF	TH-Y Load Case	LinModHist	Max	X	82.8	60.656	1.365
1F RF	TH-Y Load Case	LinModHist	Max	Y	89.591	57.818	1.55
Base	TH-Y Load Case	LinModHist	Max	X	0.8	0.4	2
Base	TH-Y Load Case	LinModHist	Max	Y	0.658	0.329	2
14	TH-Y Load Case	LinModHist	Min	X	261.929	215.2	1.217
14	TH-Y Load Case	LinModHist	Min	Y	194.677	142.024	1.371
13	TH-Y Load Case	LinModHist	Min	X	249.202	204.115	1.221
13	TH-Y Load Case	LinModHist	Min	Y	185.358	134.477	1.378
12F RF	TH-Y Load Case	LinModHist	Min	X	235.838	192.46	1.225
12F RF	TH-Y Load Case	LinModHist	Min	Y	175.877	126.801	1.387
11F RF	TH-Y Load Case	LinModHist	Min	X	221.842	180.238	1.231
11F RF	TH-Y Load Case	LinModHist	Min	Y	166.248	119.009	1.397
10F RF	TH-Y Load Case	LinModHist	Min	X	207.251	167.49	1.237
10F RF	TH-Y Load Case	LinModHist	Min	Y	156.509	111.133	1.408
9F RF	TH-Y Load Case	LinModHist	Min	X	192.147	154.3	1.245
9F RF	TH-Y Load Case	LinModHist	Min	Y	146.72	103.224	1.421
8F RF	TH-Y Load Case	LinModHist	Min	X	178.115	141.517	1.259
8F RF	TH-Y Load Case	LinModHist	Min	Y	136.963	95.463	1.435
7F RF	TH-Y Load Case	LinModHist	Min	X	167.051	130.148	1.284
7F RF	TH-Y Load Case	LinModHist	Min	Y	128.743	88.738	1.451
6F RF	TH-Y Load Case	LinModHist	Min	X	155.374	118.496	1.311
6F RF	TH-Y Load Case	LinModHist	Min	Y	121.051	82.291	1.471

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
5F RF	TH-Y Load Case	LinModHist	Min	X	143.244	106.633	1.343
5F RF	TH-Y Load Case	LinModHist	Min	Y	113.627	76.015	1.495
4F RF	TH-Y Load Case	LinModHist	Min	X	130.89	95.126	1.376
4F RF	TH-Y Load Case	LinModHist	Min	Y	106.567	70.095	1.52
3F RF	TH-Y Load Case	LinModHist	Min	X	118.605	85.499	1.387
3F RF	TH-Y Load Case	LinModHist	Min	Y	99.98	64.618	1.547
2F RF	TH-Y Load Case	LinModHist	Min	X	106.425	74.486	1.429
2F RF	TH-Y Load Case	LinModHist	Min	Y	94.886	59.921	1.584
1F RF	TH-Y Load Case	LinModHist	Min	X	93.912	64.48	1.456
1F RF	TH-Y Load Case	LinModHist	Min	Y	91.157	56.936	1.601
Base	TH-Y Load Case	LinModHist	Min	X	0.828	0.414	2
Base	TH-Y Load Case	LinModHist	Min	Y	0.727	0.363	2
14	UDCon1	Combination		X	231.484	108.046	2.142
13	UDCon1	Combination		X	217.592	99.747	2.181
13	UDCon1	Combination		Y	197.893	11.895	16.636
12F RF	UDCon1	Combination		X	203.613	91.53	2.225
12F RF	UDCon1	Combination		Y	198.16	21.247	9.326
11F RF	UDCon1	Combination		X	189.577	83.477	2.271
11F RF	UDCon1	Combination		Y	197.344	29.863	6.608
10F RF	UDCon1	Combination		X	175.462	75.622	2.32
10F RF	UDCon1	Combination		Y	195.163	37.557	5.196
9F RF	UDCon1	Combination		X	161.224	67.98	2.372
9F RF	UDCon1	Combination		Y	191.342	44.143	4.335
8F RF	UDCon1	Combination		X	146.778	60.534	2.425
8F RF	UDCon1	Combination		Y	185.608	49.428	3.755
7F RF	UDCon1	Combination		X	131.973	53.21	2.48
7F RF	UDCon1	Combination		Y	177.693	53.218	3.339
6F RF	UDCon1	Combination		X	116.55	45.845	2.542
6F RF	UDCon1	Combination		Y	167.313	55.3	3.026
5F RF	UDCon1	Combination		X	100.848	38.506	2.619
5F RF	UDCon1	Combination		Y	154.142	55.458	2.779
4F RF	UDCon1	Combination		X	84.704	30.915	2.74
4F RF	UDCon1	Combination		Y	137.67	53.436	2.576
3F RF	UDCon1	Combination		X	67.207	22.637	2.969
3F RF	UDCon1	Combination		Y	116.959	48.86	2.394
2F RF	UDCon1	Combination		X	44.962	12.52	3.591
2F RF	UDCon1	Combination		Y	90.279	40.872	2.209
1F RF	UDCon1	Combination		X	25.331	5.644	4.488
1F RF	UDCon1	Combination		Y	60.585	29.682	2.041
Base	UDCon1	Combination		X	0.031	0.015	2
Base	UDCon1	Combination		Y	0.193	0.096	2
14	UDCon2	Combination		X	247.032	116.859	2.114
13	UDCon2	Combination		X	232.053	107.766	2.153
12F RF	UDCon2	Combination		X	216.989	98.766	2.197
12F RF	UDCon2	Combination		Y	207.451	20.848	9.951

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	UDCon2	Combination		X	201.873	89.948	2.244
11F RF	UDCon2	Combination		Y	206.827	30.152	6.86
10F RF	UDCon2	Combination		X	186.687	81.353	2.295
10F RF	UDCon2	Combination		Y	204.753	38.475	5.322
9F RF	UDCon2	Combination		X	171.385	72.998	2.348
9F RF	UDCon2	Combination		Y	200.937	45.619	4.405
8F RF	UDCon2	Combination		X	155.882	64.869	2.403
8F RF	UDCon2	Combination		Y	195.089	51.379	3.797
7F RF	UDCon2	Combination		X	140.021	56.892	2.461
7F RF	UDCon2	Combination		Y	186.922	55.546	3.365
6F RF	UDCon2	Combination		X	123.534	48.898	2.526
6F RF	UDCon2	Combination		Y	176.139	57.898	3.042
5F RF	UDCon2	Combination		X	106.777	40.961	2.607
5F RF	UDCon2	Combination		Y	162.39	58.202	2.79
4F RF	UDCon2	Combination		X	89.589	32.795	2.732
4F RF	UDCon2	Combination		Y	145.139	56.187	2.583
3F RF	UDCon2	Combination		X	71.012	23.942	2.966
3F RF	UDCon2	Combination		Y	123.389	51.458	2.398
2F RF	UDCon2	Combination		X	47.484	13.203	3.596
2F RF	UDCon2	Combination		Y	95.31	43.104	2.211
1F RF	UDCon2	Combination		X	26.75	5.924	4.516
1F RF	UDCon2	Combination		Y	64.071	31.371	2.042
Base	UDCon2	Combination		X	0.03	0.015	2
Base	UDCon2	Combination		Y	0.201	0.101	2
14	UDCon3	Combination	Max	X	246.813	143.113	1.725
14	UDCon3	Combination	Max	Y	316.415	146.117	2.165
13	UDCon3	Combination	Max	X	236.493	137.7	1.717
13	UDCon3	Combination	Max	Y	294.17	131.346	2.24
12F RF	UDCon3	Combination	Max	X	225.452	131.652	1.712
12F RF	UDCon3	Combination	Max	Y	272.026	116.85	2.328
11F RF	UDCon3	Combination	Max	X	213.8	124.999	1.71
11F RF	UDCon3	Combination	Max	Y	250.042	102.762	2.433
10F RF	UDCon3	Combination	Max	X	202.122	118.054	1.712
10F RF	UDCon3	Combination	Max	Y	228.316	89.687	2.546
9F RF	UDCon3	Combination	Max	X	189.416	110.362	1.716
9F RF	UDCon3	Combination	Max	Y	206.972	77.486	2.671
8F RF	UDCon3	Combination	Max	X	175.742	102.034	1.722
8F RF	UDCon3	Combination	Max	Y	187	66.573	2.809
7F RF	UDCon3	Combination	Max	X	161.229	93.259	1.729
7F RF	UDCon3	Combination	Max	Y	167.97	56.841	2.955
6F RF	UDCon3	Combination	Max	X	146.098	84.309	1.733
6F RF	UDCon3	Combination	Max	Y	149.854	48.392	3.097
5F RF	UDCon3	Combination	Max	X	130.733	75.341	1.735
5F RF	UDCon3	Combination	Max	Y	132.832	41.461	3.204
4F RF	UDCon3	Combination	Max	X	115.627	66.737	1.733

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon3	Combination	Max	Y	117.004	36.321	3.221
3F RF	UDCon3	Combination	Max	X	102.195	59.69	1.712
3F RF	UDCon3	Combination	Max	Y	102.333	33.365	3.067
2F RF	UDCon3	Combination	Max	X	89.572	55.389	1.617
2F RF	UDCon3	Combination	Max	Y	89.047	32.893	2.707
1F RF	UDCon3	Combination	Max	X	74.164	48.772	1.521
1F RF	UDCon3	Combination	Max	Y	79.597	33.247	2.394
Base	UDCon3	Combination	Max	X	0.883	0.441	2
Base	UDCon3	Combination	Max	Y	1.213	0.606	2
14	UDCon3	Combination	Min	X	383.338	316.023	1.213
14	UDCon3	Combination	Min	Y	278.045	151.061	1.841
13	UDCon3	Combination	Min	X	363.013	296.662	1.224
13	UDCon3	Combination	Min	Y	270.908	150.487	1.8
12F RF	UDCon3	Combination	Min	X	344.246	277.881	1.239
12F RF	UDCon3	Combination	Min	Y	262.99	149.344	1.761
11F RF	UDCon3	Combination	Min	X	324.649	258.599	1.255
11F RF	UDCon3	Combination	Min	Y	254.083	147.511	1.722
10F RF	UDCon3	Combination	Min	X	304.09	239.661	1.269
10F RF	UDCon3	Combination	Min	Y	244.003	144.885	1.684
9F RF	UDCon3	Combination	Min	X	282.469	223.178	1.266
9F RF	UDCon3	Combination	Min	Y	232.587	141.376	1.645
8F RF	UDCon3	Combination	Min	X	259.719	206.365	1.259
8F RF	UDCon3	Combination	Min	Y	220.044	137.702	1.598
7F RF	UDCon3	Combination	Min	X	235.792	188.635	1.25
7F RF	UDCon3	Combination	Min	Y	207.293	133.961	1.547
6F RF	UDCon3	Combination	Min	X	210.634	169.994	1.239
6F RF	UDCon3	Combination	Min	Y	194.426	129.855	1.497
5F RF	UDCon3	Combination	Min	X	186.912	151.805	1.231
5F RF	UDCon3	Combination	Min	Y	180.045	124.688	1.444
4F RF	UDCon3	Combination	Min	X	162.555	133.044	1.222
4F RF	UDCon3	Combination	Min	Y	162.98	117.928	1.382
3F RF	UDCon3	Combination	Min	X	136.747	113.392	1.206
3F RF	UDCon3	Combination	Min	Y	142.584	106.562	1.338
2F RF	UDCon3	Combination	Min	X	107.712	92.517	1.164
2F RF	UDCon3	Combination	Min	Y	117.643	89.807	1.31
1F RF	UDCon3	Combination	Min	X	80.084	73.1	1.096
1F RF	UDCon3	Combination	Min	Y	91.591	71.252	1.285
Base	UDCon3	Combination	Min	X	1.322	0.661	2
Base	UDCon3	Combination	Min	Y	0.933	0.466	2
14	UDCon4	Combination	Max	X	270.725	152.453	1.776
14	UDCon4	Combination	Max	Y	314.809	148.882	2.114
13	UDCon4	Combination	Max	X	256.505	145.688	1.761
13	UDCon4	Combination	Max	Y	292.517	133.319	2.194
12F RF	UDCon4	Combination	Max	X	241.527	139.387	1.733
12F RF	UDCon4	Combination	Max	Y	270.349	118.026	2.291

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	UDCon4	Combination	Max	X	225.806	132.34	1.706
11F RF	UDCon4	Combination	Max	Y	248.38	103.154	2.408
10F RF	UDCon4	Combination	Max	X	211.015	125.336	1.684
10F RF	UDCon4	Combination	Max	Y	226.719	88.878	2.551
9F RF	UDCon4	Combination	Max	X	201.364	120.459	1.672
9F RF	UDCon4	Combination	Max	Y	205.498	75.389	2.726
8F RF	UDCon4	Combination	Max	X	191.274	114.951	1.664
8F RF	UDCon4	Combination	Max	Y	186.112	63.694	2.922
7F RF	UDCon4	Combination	Max	X	179.607	108.332	1.658
7F RF	UDCon4	Combination	Max	Y	168.024	54.189	3.101
6F RF	UDCon4	Combination	Max	X	166.536	100.827	1.652
6F RF	UDCon4	Combination	Max	Y	150.753	46.889	3.215
5F RF	UDCon4	Combination	Max	X	152.475	93.797	1.626
5F RF	UDCon4	Combination	Max	Y	134.473	41.43	3.246
4F RF	UDCon4	Combination	Max	X	137.903	86.508	1.594
4F RF	UDCon4	Combination	Max	Y	119.29	37.663	3.167
3F RF	UDCon4	Combination	Max	X	123.01	79.335	1.551
3F RF	UDCon4	Combination	Max	Y	105.184	35.944	2.926
2F RF	UDCon4	Combination	Max	X	107.3	73.696	1.456
2F RF	UDCon4	Combination	Max	Y	92.382	35.127	2.63
1F RF	UDCon4	Combination	Max	X	88.485	65.237	1.356
1F RF	UDCon4	Combination	Max	Y	83.188	36.392	2.286
Base	UDCon4	Combination	Max	X	1.319	0.66	2
Base	UDCon4	Combination	Max	Y	0.987	0.494	2
14	UDCon4	Combination	Min	X	388.57	306.695	1.267
14	UDCon4	Combination	Min	Y	270.909	148.296	1.827
13	UDCon4	Combination	Min	X	367.051	288.681	1.271
13	UDCon4	Combination	Min	Y	265.308	148.514	1.786
12F RF	UDCon4	Combination	Min	X	344.852	270.147	1.277
12F RF	UDCon4	Combination	Min	Y	258.961	148.168	1.748
11F RF	UDCon4	Combination	Min	X	321.972	251.258	1.281
11F RF	UDCon4	Combination	Min	Y	251.637	147.119	1.71
10F RF	UDCon4	Combination	Min	X	298.42	232.38	1.284
10F RF	UDCon4	Combination	Min	Y	244.026	145.695	1.675
9F RF	UDCon4	Combination	Min	X	274.223	213.081	1.287
9F RF	UDCon4	Combination	Min	Y	235.308	143.473	1.64
8F RF	UDCon4	Combination	Min	X	249.417	193.448	1.289
8F RF	UDCon4	Combination	Min	Y	224.914	140.581	1.6
7F RF	UDCon4	Combination	Min	X	224.023	173.561	1.291
7F RF	UDCon4	Combination	Min	Y	212.652	136.613	1.557
6F RF	UDCon4	Combination	Min	X	198.015	153.466	1.29
6F RF	UDCon4	Combination	Min	Y	198.332	131.358	1.51
5F RF	UDCon4	Combination	Min	X	171.733	133.358	1.288
5F RF	UDCon4	Combination	Min	Y	181.748	124.719	1.457
4F RF	UDCon4	Combination	Min	X	145.288	113.288	1.282

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon4	Combination	Min	Y	162.581	116.563	1.395
3F RF	UDCon4	Combination	Min	X	118.272	93.723	1.262
3F RF	UDCon4	Combination	Min	Y	140.242	105.505	1.329
2F RF	UDCon4	Combination	Min	X	88.826	74.21	1.197
2F RF	UDCon4	Combination	Min	Y	114.451	89.648	1.277
1F RF	UDCon4	Combination	Min	X	61.474	55.48	1.108
1F RF	UDCon4	Combination	Min	Y	86.353	67.924	1.271
Base	UDCon4	Combination	Min	X	0.886	0.443	2
Base	UDCon4	Combination	Min	Y	0.924	0.462	2
14	UDCon5	Combination	Max	X	262.129	128.974	2.032
14	UDCon5	Combination	Max	Y	305.184	142.313	2.144
13	UDCon5	Combination	Max	X	254.233	126.406	2.011
13	UDCon5	Combination	Max	Y	285.671	129.728	2.202
12F RF	UDCon5	Combination	Max	X	245.533	123.195	1.993
12F RF	UDCon5	Combination	Max	Y	266.292	117.428	2.268
11F RF	UDCon5	Combination	Max	X	235.832	119.204	1.978
11F RF	UDCon5	Combination	Max	Y	247.091	105.527	2.341
10F RF	UDCon5	Combination	Max	X	225.025	114.376	1.967
10F RF	UDCon5	Combination	Max	Y	228.138	94.151	2.423
9F RF	UDCon5	Combination	Max	X	213.06	108.696	1.96
9F RF	UDCon5	Combination	Max	Y	209.527	83.439	2.511
8F RF	UDCon5	Combination	Max	X	199.951	102.223	1.956
8F RF	UDCon5	Combination	Max	Y	191.369	73.545	2.602
7F RF	UDCon5	Combination	Max	X	185.789	95.102	1.954
7F RF	UDCon5	Combination	Max	Y	173.805	64.642	2.689
6F RF	UDCon5	Combination	Max	X	170.77	87.557	1.95
6F RF	UDCon5	Combination	Max	Y	157	56.926	2.758
5F RF	UDCon5	Combination	Max	X	155.84	80.029	1.947
5F RF	UDCon5	Combination	Max	Y	141.115	50.615	2.788
4F RF	UDCon5	Combination	Max	X	141.116	72.699	1.941
4F RF	UDCon5	Combination	Max	Y	126.239	45.974	2.746
3F RF	UDCon5	Combination	Max	X	126.59	66.043	1.917
3F RF	UDCon5	Combination	Max	Y	112.339	43.129	2.605
2F RF	UDCon5	Combination	Max	X	111.518	61.732	1.806
2F RF	UDCon5	Combination	Max	Y	99.647	40.705	2.448
1F RF	UDCon5	Combination	Max	X	93.375	56.419	1.655
1F RF	UDCon5	Combination	Max	Y	90.487	41.364	2.188
Base	UDCon5	Combination	Max	X	0.799	0.399	2
Base	UDCon5	Combination	Max	Y	0.803	0.401	2
14	UDCon5	Combination	Min	X	343.149	297.019	1.155
14	UDCon5	Combination	Min	Y	278.919	164.11	1.7
13	UDCon5	Combination	Min	X	323.185	279.618	1.156
13	UDCon5	Combination	Min	Y	273.909	164.018	1.67
12F RF	UDCon5	Combination	Min	X	302.644	261.714	1.156
12F RF	UDCon5	Combination	Min	Y	268.143	163.345	1.642

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	UDCon5	Combination	Min	X	281.564	243.369	1.157
11F RF	UDCon5	Combination	Min	Y	261.384	161.954	1.614
10F RF	UDCon5	Combination	Min	X	259.982	224.654	1.157
10F RF	UDCon5	Combination	Min	Y	253.414	159.72	1.587
9F RF	UDCon5	Combination	Min	X	237.944	205.661	1.157
9F RF	UDCon5	Combination	Min	Y	244.031	156.537	1.559
8F RF	UDCon5	Combination	Min	X	215.493	187.217	1.151
8F RF	UDCon5	Combination	Min	Y	233.046	152.309	1.53
7F RF	UDCon5	Combination	Min	X	192.642	170.293	1.131
7F RF	UDCon5	Combination	Min	Y	220.276	147.652	1.492
6F RF	UDCon5	Combination	Min	X	169.413	153.075	1.107
6F RF	UDCon5	Combination	Min	Y	205.541	141.917	1.448
5F RF	UDCon5	Combination	Min	X	145.925	134.423	1.086
5F RF	UDCon5	Combination	Min	Y	188.709	134.691	1.401
4F RF	UDCon5	Combination	Min	X	123.104	115.673	1.064
4F RF	UDCon5	Combination	Min	Y	169.558	125.102	1.355
3F RF	UDCon5	Combination	Min	X	104.367	97.204	1.074
3F RF	UDCon5	Combination	Min	Y	147.263	111.835	1.317
2F RF	UDCon5	Combination	Min	X	92.726	81.45	1.138
2F RF	UDCon5	Combination	Min	Y	120.66	94.537	1.276
1F RF	UDCon5	Combination	Min	X	84.976	64.893	1.309
1F RF	UDCon5	Combination	Min	Y	92.347	72.812	1.268
Base	UDCon5	Combination	Min	X	0.83	0.415	2
Base	UDCon5	Combination	Min	Y	0.638	0.319	2
14	UDCon6	Combination	Max	X	272.879	133.433	2.045
14	UDCon6	Combination	Max	Y	340.032	161.931	2.1
13	UDCon6	Combination	Max	X	262.232	128.637	2.039
13	UDCon6	Combination	Max	Y	316.576	146.849	2.156
12F RF	UDCon6	Combination	Max	X	250.794	123.217	2.035
12F RF	UDCon6	Combination	Max	Y	293.199	132.028	2.221
11F RF	UDCon6	Combination	Max	X	238.429	117.109	2.036
11F RF	UDCon6	Combination	Max	Y	269.965	117.597	2.296
10F RF	UDCon6	Combination	Max	X	225.108	110.328	2.04
10F RF	UDCon6	Combination	Max	Y	246.979	103.713	2.381
9F RF	UDCon6	Combination	Max	X	210.855	102.942	2.048
9F RF	UDCon6	Combination	Max	Y	224.377	90.55	2.478
8F RF	UDCon6	Combination	Max	X	197.203	95.802	2.058
8F RF	UDCon6	Combination	Max	Y	202.325	78.302	2.584
7F RF	UDCon6	Combination	Max	X	186.073	89.99	2.068
7F RF	UDCon6	Combination	Max	Y	182.424	67.88	2.687
6F RF	UDCon6	Combination	Max	X	173.919	83.906	2.073
6F RF	UDCon6	Combination	Max	Y	163.762	58.951	2.778
5F RF	UDCon6	Combination	Max	X	161.099	77.618	2.076
5F RF	UDCon6	Combination	Max	Y	146.164	51.608	2.832
4F RF	UDCon6	Combination	Max	X	148.059	71.861	2.06

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon6	Combination	Max	Y	129.729	46.172	2.81
3F RF	UDCon6	Combination	Max	X	135.09	69.185	1.953
3F RF	UDCon6	Combination	Max	Y	114.42	42.851	2.67
2F RF	UDCon6	Combination	Max	X	121.379	67.709	1.793
2F RF	UDCon6	Combination	Max	Y	101.255	40.588	2.495
1F RF	UDCon6	Combination	Max	X	104.487	63.4	1.648
1F RF	UDCon6	Combination	Max	Y	92.072	40.613	2.267
Base	UDCon6	Combination	Max	X	0.826	0.413	2
Base	UDCon6	Combination	Max	Y	0.871	0.436	2
14	UDCon6	Combination	Min	X	344.977	292.563	1.179
14	UDCon6	Combination	Min	Y	274.53	144.492	1.9
13	UDCon6	Combination	Min	X	326.722	277.387	1.178
13	UDCon6	Combination	Min	Y	270.571	146.896	1.842
12F RF	UDCon6	Combination	Min	X	307.863	261.693	1.176
12F RF	UDCon6	Combination	Min	Y	265.851	148.746	1.787
11F RF	UDCon6	Combination	Min	X	288.359	245.468	1.175
11F RF	UDCon6	Combination	Min	Y	260.118	149.884	1.735
10F RF	UDCon6	Combination	Min	X	268.164	228.703	1.173
10F RF	UDCon6	Combination	Min	Y	253.129	150.158	1.686
9F RF	UDCon6	Combination	Min	X	247.247	211.415	1.169
9F RF	UDCon6	Combination	Min	Y	244.658	149.426	1.637
8F RF	UDCon6	Combination	Min	X	225.586	193.637	1.165
8F RF	UDCon6	Combination	Min	Y	234.489	147.553	1.589
7F RF	UDCon6	Combination	Min	X	203.151	175.405	1.158
7F RF	UDCon6	Combination	Min	Y	222.42	144.415	1.54
6F RF	UDCon6	Combination	Min	X	179.87	156.729	1.148
6F RF	UDCon6	Combination	Min	Y	208.252	139.891	1.489
5F RF	UDCon6	Combination	Min	X	156	138.035	1.13
5F RF	UDCon6	Combination	Min	Y	191.773	133.873	1.432
4F RF	UDCon6	Combination	Min	X	131.723	119.251	1.105
4F RF	UDCon6	Combination	Min	Y	172.651	125.418	1.377
3F RF	UDCon6	Combination	Min	X	106.585	100.101	1.065
3F RF	UDCon6	Combination	Min	Y	150.693	112.703	1.337
2F RF	UDCon6	Combination	Min	X	82.836	80.427	1.03
2F RF	UDCon6	Combination	Min	Y	125.782	96.527	1.303
1F RF	UDCon6	Combination	Min	X	73.951	61.475	1.203
1F RF	UDCon6	Combination	Min	Y	99.394	77.763	1.278
Base	UDCon6	Combination	Min	X	0.813	0.407	2
Base	UDCon6	Combination	Min	Y	0.582	0.291	2
14	UDCon7	Combination	Max	X	247.229	144.875	1.706
14	UDCon7	Combination	Max	Y	313.907	145.736	2.154
13	UDCon7	Combination	Max	X	236.808	139.304	1.7
13	UDCon7	Combination	Max	Y	291.91	131.119	2.226
12F RF	UDCon7	Combination	Max	X	225.671	133.099	1.696
12F RF	UDCon7	Combination	Max	Y	270.008	116.77	2.312

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	UDCon7	Combination	Max	X	213.929	126.293	1.694
11F RF	UDCon7	Combination	Max	Y	248.261	102.82	2.415
10F RF	UDCon7	Combination	Max	X	202.17	119.2	1.696
10F RF	UDCon7	Combination	Max	Y	226.765	89.871	2.523
9F RF	UDCon7	Combination	Max	X	189.391	111.366	1.701
9F RF	UDCon7	Combination	Max	Y	205.644	77.781	2.644
8F RF	UDCon7	Combination	Max	X	175.655	102.901	1.707
8F RF	UDCon7	Combination	Max	Y	185.884	66.963	2.776
7F RF	UDCon7	Combination	Max	X	161.092	93.995	1.714
7F RF	UDCon7	Combination	Max	Y	167.055	57.307	2.915
6F RF	UDCon7	Combination	Max	X	145.922	84.919	1.718
6F RF	UDCon7	Combination	Max	Y	149.128	48.912	3.049
5F RF	UDCon7	Combination	Max	X	130.53	75.832	1.721
5F RF	UDCon7	Combination	Max	Y	132.28	42.01	3.149
4F RF	UDCon7	Combination	Max	X	115.402	67.113	1.72
4F RF	UDCon7	Combination	Max	Y	116.611	36.871	3.163
3F RF	UDCon7	Combination	Max	X	101.956	59.951	1.701
3F RF	UDCon7	Combination	Max	Y	102.086	33.885	3.013
2F RF	UDCon7	Combination	Max	X	89.341	55.526	1.609
2F RF	UDCon7	Combination	Max	Y	88.933	33.187	2.68
1F RF	UDCon7	Combination	Max	X	73.993	48.828	1.515
1F RF	UDCon7	Combination	Max	Y	79.575	33.491	2.376
Base	UDCon7	Combination	Max	X	0.882	0.441	2
Base	UDCon7	Combination	Max	Y	1.211	0.606	2
14	UDCon7	Combination	Min	X	380.229	314.26	1.21
14	UDCon7	Combination	Min	Y	276.301	151.443	1.824
13	UDCon7	Combination	Min	X	360.121	295.058	1.221
13	UDCon7	Combination	Min	Y	269.101	150.714	1.786
12F RF	UDCon7	Combination	Min	X	341.571	276.434	1.236
12F RF	UDCon7	Combination	Min	Y	261.132	149.424	1.748
11F RF	UDCon7	Combination	Min	X	322.19	257.305	1.252
11F RF	UDCon7	Combination	Min	Y	252.186	147.453	1.71
10F RF	UDCon7	Combination	Min	X	301.845	238.515	1.266
10F RF	UDCon7	Combination	Min	Y	242.085	144.701	1.673
9F RF	UDCon7	Combination	Min	X	280.437	222.174	1.262
9F RF	UDCon7	Combination	Min	Y	230.668	141.081	1.635
8F RF	UDCon7	Combination	Min	X	257.898	205.498	1.255
8F RF	UDCon7	Combination	Min	Y	218.148	137.312	1.589
7F RF	UDCon7	Combination	Min	X	234.183	187.898	1.246
7F RF	UDCon7	Combination	Min	Y	205.447	133.495	1.539
6F RF	UDCon7	Combination	Min	X	209.238	169.384	1.235
6F RF	UDCon7	Combination	Min	Y	192.661	129.335	1.49
5F RF	UDCon7	Combination	Min	X	185.726	151.314	1.227
5F RF	UDCon7	Combination	Min	Y	178.395	124.139	1.437
4F RF	UDCon7	Combination	Min	X	161.578	132.668	1.218

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon7	Combination	Min	Y	161.486	117.378	1.376
3F RF	UDCon7	Combination	Min	X	135.986	113.131	1.202
3F RF	UDCon7	Combination	Min	Y	141.298	105.647	1.337
2F RF	UDCon7	Combination	Min	X	107.208	92.38	1.161
2F RF	UDCon7	Combination	Min	Y	116.637	89.064	1.31
1F RF	UDCon7	Combination	Min	X	79.8	72.989	1.093
1F RF	UDCon7	Combination	Min	Y	90.894	70.694	1.286
Base	UDCon7	Combination	Min	X	1.323	0.661	2
Base	UDCon7	Combination	Min	Y	0.933	0.467	2
14	UDCon8	Combination	Max	X	271.142	154.216	1.758
14	UDCon8	Combination	Max	Y	312.301	148.501	2.103
13	UDCon8	Combination	Max	X	256.821	147.292	1.744
13	UDCon8	Combination	Max	Y	290.256	133.092	2.181
12F RF	UDCon8	Combination	Max	X	241.746	140.834	1.717
12F RF	UDCon8	Combination	Max	Y	268.331	117.946	2.275
11F RF	UDCon8	Combination	Max	X	225.935	133.634	1.691
11F RF	UDCon8	Combination	Max	Y	246.599	103.212	2.389
10F RF	UDCon8	Combination	Max	X	211.063	126.482	1.669
10F RF	UDCon8	Combination	Max	Y	225.168	89.062	2.528
9F RF	UDCon8	Combination	Max	X	201.339	121.463	1.658
9F RF	UDCon8	Combination	Max	Y	204.17	75.684	2.698
8F RF	UDCon8	Combination	Max	X	191.187	115.818	1.651
8F RF	UDCon8	Combination	Max	Y	184.996	64.084	2.887
7F RF	UDCon8	Combination	Max	X	179.47	109.068	1.645
7F RF	UDCon8	Combination	Max	Y	167.11	54.654	3.058
6F RF	UDCon8	Combination	Max	X	166.36	101.438	1.64
6F RF	UDCon8	Combination	Max	Y	150.027	47.409	3.165
5F RF	UDCon8	Combination	Max	X	152.271	94.288	1.615
5F RF	UDCon8	Combination	Max	Y	133.921	41.979	3.19
4F RF	UDCon8	Combination	Max	X	137.678	86.884	1.585
4F RF	UDCon8	Combination	Max	Y	118.897	38.214	3.111
3F RF	UDCon8	Combination	Max	X	122.771	79.596	1.542
3F RF	UDCon8	Combination	Max	Y	104.937	36.386	2.884
2F RF	UDCon8	Combination	Max	X	107.069	73.833	1.45
2F RF	UDCon8	Combination	Max	Y	92.268	35.473	2.601
1F RF	UDCon8	Combination	Max	X	88.313	65.293	1.353
1F RF	UDCon8	Combination	Max	Y	83.166	36.636	2.27
Base	UDCon8	Combination	Max	X	1.319	0.659	2
Base	UDCon8	Combination	Max	Y	0.987	0.493	2
14	UDCon8	Combination	Min	X	385.461	304.932	1.264
14	UDCon8	Combination	Min	Y	269.164	148.678	1.81
13	UDCon8	Combination	Min	X	364.158	287.077	1.269
13	UDCon8	Combination	Min	Y	263.502	148.741	1.772
12F RF	UDCon8	Combination	Min	X	342.176	268.7	1.273
12F RF	UDCon8	Combination	Min	Y	257.103	148.248	1.734

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	UDCon8	Combination	Min	X	319.513	249.964	1.278
11F RF	UDCon8	Combination	Min	Y	249.74	147.061	1.698
10F RF	UDCon8	Combination	Min	X	296.175	231.233	1.281
10F RF	UDCon8	Combination	Min	Y	242.107	145.511	1.664
9F RF	UDCon8	Combination	Min	X	272.191	212.077	1.283
9F RF	UDCon8	Combination	Min	Y	233.389	143.178	1.63
8F RF	UDCon8	Combination	Min	X	247.596	192.581	1.286
8F RF	UDCon8	Combination	Min	Y	223.018	140.191	1.591
7F RF	UDCon8	Combination	Min	X	222.414	172.825	1.287
7F RF	UDCon8	Combination	Min	Y	210.806	136.147	1.548
6F RF	UDCon8	Combination	Min	X	196.619	152.855	1.286
6F RF	UDCon8	Combination	Min	Y	196.567	130.838	1.502
5F RF	UDCon8	Combination	Min	X	170.547	132.867	1.284
5F RF	UDCon8	Combination	Min	Y	180.098	124.17	1.45
4F RF	UDCon8	Combination	Min	X	144.311	112.912	1.278
4F RF	UDCon8	Combination	Min	Y	161.087	115.878	1.39
3F RF	UDCon8	Combination	Min	X	117.511	93.461	1.257
3F RF	UDCon8	Combination	Min	Y	138.956	104.788	1.326
2F RF	UDCon8	Combination	Min	X	88.322	74.074	1.192
2F RF	UDCon8	Combination	Min	Y	113.444	88.854	1.277
1F RF	UDCon8	Combination	Min	X	61.19	55.37	1.105
1F RF	UDCon8	Combination	Min	Y	85.656	67.344	1.272
Base	UDCon8	Combination	Min	X	0.886	0.443	2
Base	UDCon8	Combination	Min	Y	0.925	0.463	2
14	UDCon9	Combination	Max	X	262.545	130.737	2.008
14	UDCon9	Combination	Max	Y	302.677	141.931	2.133
13	UDCon9	Combination	Max	X	254.548	128.01	1.989
13	UDCon9	Combination	Max	Y	283.411	129.5	2.188
12F RF	UDCon9	Combination	Max	X	245.752	124.642	1.972
12F RF	UDCon9	Combination	Max	Y	264.274	117.348	2.252
11F RF	UDCon9	Combination	Max	X	235.961	120.498	1.958
11F RF	UDCon9	Combination	Max	Y	245.31	105.585	2.323
10F RF	UDCon9	Combination	Max	X	225.072	115.522	1.948
10F RF	UDCon9	Combination	Max	Y	226.588	94.334	2.402
9F RF	UDCon9	Combination	Max	X	213.035	109.699	1.942
9F RF	UDCon9	Combination	Max	Y	208.198	83.734	2.486
8F RF	UDCon9	Combination	Max	X	199.864	103.09	1.939
8F RF	UDCon9	Combination	Max	Y	190.253	73.935	2.573
7F RF	UDCon9	Combination	Max	X	185.652	95.839	1.937
7F RF	UDCon9	Combination	Max	Y	172.891	65.108	2.655
6F RF	UDCon9	Combination	Max	X	170.594	88.168	1.935
6F RF	UDCon9	Combination	Max	Y	156.274	57.445	2.72
5F RF	UDCon9	Combination	Max	X	155.636	80.52	1.933
5F RF	UDCon9	Combination	Max	Y	140.563	51.164	2.747
4F RF	UDCon9	Combination	Max	X	140.891	73.075	1.928

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon9	Combination	Max	Y	125.846	46.524	2.705
3F RF	UDCon9	Combination	Max	X	126.351	66.305	1.906
3F RF	UDCon9	Combination	Max	Y	112.092	43.502	2.577
2F RF	UDCon9	Combination	Max	X	111.287	61.869	1.799
2F RF	UDCon9	Combination	Max	Y	99.533	41	2.428
1F RF	UDCon9	Combination	Max	X	93.203	56.475	1.65
1F RF	UDCon9	Combination	Max	Y	90.465	41.608	2.174
Base	UDCon9	Combination	Max	X	0.798	0.399	2
Base	UDCon9	Combination	Max	Y	0.801	0.4	2
14	UDCon9	Combination	Min	X	340.039	295.256	1.152
14	UDCon9	Combination	Min	Y	277.174	164.492	1.685
13	UDCon9	Combination	Min	X	320.293	278.014	1.152
13	UDCon9	Combination	Min	Y	272.103	164.245	1.657
12F RF	UDCon9	Combination	Min	X	299.969	260.267	1.153
12F RF	UDCon9	Combination	Min	Y	266.285	163.425	1.629
11F RF	UDCon9	Combination	Min	X	279.105	242.075	1.153
11F RF	UDCon9	Combination	Min	Y	259.487	161.896	1.603
10F RF	UDCon9	Combination	Min	X	257.737	223.507	1.153
10F RF	UDCon9	Combination	Min	Y	251.495	159.537	1.576
9F RF	UDCon9	Combination	Min	X	235.912	204.657	1.153
9F RF	UDCon9	Combination	Min	Y	242.112	156.242	1.55
8F RF	UDCon9	Combination	Min	X	213.672	186.35	1.147
8F RF	UDCon9	Combination	Min	Y	231.15	151.919	1.522
7F RF	UDCon9	Combination	Min	X	191.033	169.556	1.127
7F RF	UDCon9	Combination	Min	Y	218.43	147.187	1.484
6F RF	UDCon9	Combination	Min	X	168.016	152.465	1.102
6F RF	UDCon9	Combination	Min	Y	203.775	141.397	1.441
5F RF	UDCon9	Combination	Min	X	144.739	133.703	1.083
5F RF	UDCon9	Combination	Min	Y	187.059	133.986	1.396
4F RF	UDCon9	Combination	Min	X	122.127	115.1	1.061
4F RF	UDCon9	Combination	Min	Y	168.065	124.24	1.353
3F RF	UDCon9	Combination	Min	X	103.606	96.689	1.072
3F RF	UDCon9	Combination	Min	Y	145.977	111.062	1.314
2F RF	UDCon9	Combination	Min	X	92.934	81.403	1.142
2F RF	UDCon9	Combination	Min	Y	119.653	93.714	1.277
1F RF	UDCon9	Combination	Min	X	85.113	64.889	1.312
1F RF	UDCon9	Combination	Min	Y	92.078	72.447	1.271
Base	UDCon9	Combination	Min	X	0.83	0.415	2
Base	UDCon9	Combination	Min	Y	0.639	0.319	2
14	UDCon10	Combination	Max	X	273.295	135.195	2.021
14	UDCon10	Combination	Max	Y	337.525	161.549	2.089
13	UDCon10	Combination	Max	X	262.549	130.241	2.016
13	UDCon10	Combination	Max	Y	314.316	146.622	2.144
12F RF	UDCon10	Combination	Max	X	251.013	124.664	2.014
12F RF	UDCon10	Combination	Max	Y	291.181	131.948	2.207

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	UDCon10	Combination	Max	X	238.558	118.403	2.015
11F RF	UDCon10	Combination	Max	Y	268.184	117.655	2.279
10F RF	UDCon10	Combination	Max	X	225.155	111.474	2.02
10F RF	UDCon10	Combination	Max	Y	245.428	103.897	2.362
9F RF	UDCon10	Combination	Max	X	210.83	103.945	2.028
9F RF	UDCon10	Combination	Max	Y	223.049	90.846	2.455
8F RF	UDCon10	Combination	Max	X	197.116	96.669	2.039
8F RF	UDCon10	Combination	Max	Y	201.21	78.692	2.557
7F RF	UDCon10	Combination	Max	X	185.936	90.726	2.049
7F RF	UDCon10	Combination	Max	Y	181.51	68.346	2.656
6F RF	UDCon10	Combination	Max	X	173.744	84.517	2.056
6F RF	UDCon10	Combination	Max	Y	163.036	59.471	2.741
5F RF	UDCon10	Combination	Max	X	160.895	78.109	2.06
5F RF	UDCon10	Combination	Max	Y	145.612	52.157	2.792
4F RF	UDCon10	Combination	Max	X	147.834	72.237	2.047
4F RF	UDCon10	Combination	Max	Y	129.336	46.722	2.768
3F RF	UDCon10	Combination	Max	X	134.852	69.446	1.942
3F RF	UDCon10	Combination	Max	Y	114.174	43.225	2.641
2F RF	UDCon10	Combination	Max	X	121.148	67.846	1.786
2F RF	UDCon10	Combination	Max	Y	101.141	40.934	2.471
1F RF	UDCon10	Combination	Max	X	104.315	63.456	1.644
1F RF	UDCon10	Combination	Max	Y	92.051	40.857	2.253
Base	UDCon10	Combination	Max	X	0.826	0.413	2
Base	UDCon10	Combination	Max	Y	0.869	0.435	2
14	UDCon10	Combination	Min	X	341.867	290.8	1.176
14	UDCon10	Combination	Min	Y	272.786	144.873	1.883
13	UDCon10	Combination	Min	X	323.83	275.783	1.174
13	UDCon10	Combination	Min	Y	268.764	147.123	1.827
12F RF	UDCon10	Combination	Min	X	305.188	260.246	1.173
12F RF	UDCon10	Combination	Min	Y	263.993	148.826	1.774
11F RF	UDCon10	Combination	Min	X	285.9	244.173	1.171
11F RF	UDCon10	Combination	Min	Y	258.221	149.826	1.723
10F RF	UDCon10	Combination	Min	X	265.919	227.557	1.169
10F RF	UDCon10	Combination	Min	Y	251.211	149.974	1.675
9F RF	UDCon10	Combination	Min	X	245.215	210.411	1.165
9F RF	UDCon10	Combination	Min	Y	242.739	149.13	1.628
8F RF	UDCon10	Combination	Min	X	223.765	192.77	1.161
8F RF	UDCon10	Combination	Min	Y	232.593	147.163	1.581
7F RF	UDCon10	Combination	Min	X	201.541	174.669	1.154
7F RF	UDCon10	Combination	Min	Y	220.574	143.949	1.532
6F RF	UDCon10	Combination	Min	X	178.473	156.119	1.143
6F RF	UDCon10	Combination	Min	Y	206.487	139.372	1.482
5F RF	UDCon10	Combination	Min	X	154.814	137.544	1.126
5F RF	UDCon10	Combination	Min	Y	190.123	133.324	1.426
4F RF	UDCon10	Combination	Min	X	130.746	118.874	1.1

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon10	Combination	Min	Y	171.158	124.556	1.374
3F RF	UDCon10	Combination	Min	X	105.823	99.84	1.06
3F RF	UDCon10	Combination	Min	Y	149.407	111.93	1.335
2F RF	UDCon10	Combination	Min	X	83.043	80.38	1.033
2F RF	UDCon10	Combination	Min	Y	124.775	95.785	1.303
1F RF	UDCon10	Combination	Min	X	74.088	61.469	1.205
1F RF	UDCon10	Combination	Min	Y	98.697	77.205	1.278
Base	UDCon10	Combination	Min	X	0.813	0.407	2
Base	UDCon10	Combination	Min	Y	0.583	0.291	2

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	0.001558	42	24.7	5	56
16	Dead	LinStatic		Y	0.002059	40	3.75	5	56
16	Live	LinStatic		X	0.00021	42	24.7	5	56
16	Live	LinStatic		Y	0.000241	40	3.75	5	56
16	FF	LinStatic		X	0.000768	42	24.7	5	56
16	FF	LinStatic		Y	0.001088	40	3.75	5	56
16	PW	LinStatic		X	0.000644	42	24.7	5	56
16	PW	LinStatic		Y	0.000902	40	3.75	5	56
16	Earthquake+x	LinStatic		X	0.002714	33	3.75	19.6	56
16	Earthquake+x	LinStatic		Y	0.000679	33	3.75	19.6	56
16	Earthquake+y	LinStatic		Y	0.004111	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Max	X	0.003253	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Max	Y	0.002256	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Min	X	0.004304	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Min	Y	0.002535	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Max	X	0.003874	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Max	Y	0.002136	40	3.75	5	56
16	TH-Y Load Case	LinModHist	Min	X	0.003469	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Min	Y	0.002647	33	3.75	19.6	56
16	UDCon1	Combination		X	0.004009	42	24.7	5	56
16	UDCon1	Combination		Y	0.005466	40	3.75	5	56
16	UDCon2	Combination		X	0.004323	42	24.7	5	56
16	UDCon2	Combination		Y	0.005827	40	3.75	5	56
16	UDCon3	Combination	Max	X	0.00281	33	3.75	19.6	56
16	UDCon3	Combination	Max	Y	0.006366	40	3.75	5	56
16	UDCon3	Combination	Min	X	0.006671	43	26.8	5	56
16	UDCon4	Combination	Max	X	0.003862	33	3.75	19.6	56
16	UDCon4	Combination	Max	Y	0.006625	40	3.75	5	56
16	UDCon4	Combination	Min	X	0.006093	43	26.8	5	56
16	UDCon5	Combination	Max	X	0.003431	33	3.75	19.6	56
16	UDCon5	Combination	Max	Y	0.006257	40	3.75	5	56
16	UDCon5	Combination	Min	X	0.005547	43	26.8	5	56

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	UDCon6	Combination	Max	X	0.003026	33	3.75	19.6	56
16	UDCon6	Combination	Max	Y	0.006748	40	3.75	5	56
16	UDCon6	Combination	Min	X	0.005688	43	26.8	5	56
16	UDCon7	Combination	Max	X	0.002836	33	3.75	19.6	56
16	UDCon7	Combination	Max	Y	0.006294	40	3.75	5	56
16	UDCon7	Combination	Min	X	0.006609	43	26.8	5	56
16	UDCon8	Combination	Max	X	0.003888	33	3.75	19.6	56
16	UDCon8	Combination	Max	Y	0.006553	40	3.75	5	56
16	UDCon8	Combination	Min	X	0.00603	43	26.8	5	56
16	UDCon9	Combination	Max	X	0.003457	33	3.75	19.6	56
16	UDCon9	Combination	Max	Y	0.006185	40	3.75	5	56
16	UDCon9	Combination	Min	X	0.005485	43	26.8	5	56
16	UDCon10	Combination	Max	X	0.003052	33	3.75	19.6	56
16	UDCon10	Combination	Max	Y	0.006675	40	3.75	5	56
16	UDCon10	Combination	Min	X	0.005625	43	26.8	5	56
15	Dead	LinStatic		X	0.001547	43	26.8	5	52.5
15	Dead	LinStatic		Y	0.002048	38	3.75	14.8	52.5
15	Live	LinStatic		X	0.000208	43	26.8	5	52.5
15	Live	LinStatic		Y	0.000239	38	3.75	14.8	52.5
15	FF	LinStatic		X	0.000765	43	26.8	5	52.5
15	FF	LinStatic		Y	0.00108	38	3.75	14.8	52.5
15	PW	LinStatic		X	0.000642	43	26.8	5	52.5
15	PW	LinStatic		Y	0.000897	38	3.75	14.8	52.5
15	Earthquake+x	LinStatic		X	0.002829	32	11.4	19.6	52.5
15	Earthquake+x	LinStatic		Y	0.000669	38	3.75	14.8	52.5
15	Earthquake+y	LinStatic		Y	0.004154	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Max	X	0.00339	31	15.8	19.6	52.5
15	TH-X Load Case	LinModHist	Max	Y	0.002281	38	3.75	14.8	52.5
15	TH-X Load Case	LinModHist	Min	X	0.004475	31	15.8	19.6	52.5
15	TH-X Load Case	LinModHist	Min	Y	0.002555	38	3.75	14.8	52.5
15	TH-Y Load Case	LinModHist	Max	X	0.004021	31	15.8	19.6	52.5
15	TH-Y Load Case	LinModHist	Max	Y	0.002156	39	3.75	10	52.5
15	TH-Y Load Case	LinModHist	Min	X	0.003606	31	15.8	19.6	52.5
15	TH-Y Load Case	LinModHist	Min	Y	0.002674	38	3.75	14.8	52.5
15	UDCon1	Combination		X	0.003987	43	26.8	5	52.5
15	UDCon1	Combination		Y	0.005434	38	3.75	14.8	52.5
15	UDCon2	Combination		X	0.004299	43	26.8	5	52.5
15	UDCon2	Combination		Y	0.005792	38	3.75	14.8	52.5
15	UDCon3	Combination	Max	X	0.002813	44	26.8	19.6	52.5
15	UDCon3	Combination	Max	Y	0.006378	38	3.75	14.8	52.5
15	UDCon3	Combination	Min	X	0.006743	43	26.8	5	52.5
15	UDCon4	Combination	Max	X	0.003898	44	26.8	19.6	52.5
15	UDCon4	Combination	Max	Y	0.006652	38	3.75	14.8	52.5
15	UDCon4	Combination	Min	X	0.006153	43	26.8	5	52.5
15	UDCon5	Combination	Max	X	0.003445	44	26.8	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	UDCon5	Combination	Max	Y	0.006249	38	3.75	14.8	52.5
15	UDCon5	Combination	Min	X	0.005594	43	26.8	5	52.5
15	UDCon6	Combination	Max	X	0.003029	44	26.8	19.6	52.5
15	UDCon6	Combination	Max	Y	0.006771	38	3.75	14.8	52.5
15	UDCon6	Combination	Min	X	0.005734	43	26.8	5	52.5
15	UDCon7	Combination	Max	X	0.002841	44	26.8	19.6	52.5
15	UDCon7	Combination	Max	Y	0.006307	38	3.75	14.8	52.5
15	UDCon7	Combination	Min	X	0.006681	43	26.8	5	52.5
15	UDCon8	Combination	Max	X	0.003927	44	26.8	19.6	52.5
15	UDCon8	Combination	Max	Y	0.006581	38	3.75	14.8	52.5
15	UDCon8	Combination	Min	X	0.00609	43	26.8	5	52.5
15	UDCon9	Combination	Max	X	0.003473	44	26.8	19.6	52.5
15	UDCon9	Combination	Max	Y	0.006177	38	3.75	14.8	52.5
15	UDCon9	Combination	Min	X	0.005531	43	26.8	5	52.5
15	UDCon10	Combination	Max	X	0.003057	44	26.8	19.6	52.5
15	UDCon10	Combination	Max	Y	0.006699	38	3.75	14.8	52.5
15	UDCon10	Combination	Min	X	0.005671	43	26.8	5	52.5
14	Dead	LinStatic		X	0.001541	43	26.8	5	49
14	Dead	LinStatic		Y	0.002025	38	3.75	14.8	49
14	Live	LinStatic		X	0.000207	43	26.8	5	49
14	Live	LinStatic		Y	0.000236	38	3.75	14.8	49
14	FF	LinStatic		X	0.000764	43	26.8	5	49
14	FF	LinStatic		Y	0.001068	38	3.75	14.8	49
14	PW	LinStatic		X	0.000642	43	26.8	5	49
14	PW	LinStatic		Y	0.000887	38	3.75	14.8	49
14	Earthquake+x	LinStatic		X	0.002973	44	26.8	19.6	49
14	Earthquake+x	LinStatic		Y	0.00068	40	3.75	5	49
14	Earthquake+y	LinStatic		Y	0.004232	47	26.8	10	49
14	TH-X Load Case	LinModHist	Max	X	0.003545	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Max	Y	0.002316	40	3.75	5	49
14	TH-X Load Case	LinModHist	Min	X	0.004658	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Min	Y	0.002591	40	3.75	5	49
14	TH-Y Load Case	LinModHist	Max	X	0.004176	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Max	Y	0.002181	33	3.75	19.6	49
14	TH-Y Load Case	LinModHist	Min	X	0.003765	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Min	Y	0.002713	40	3.75	5	49
14	UDCon1	Combination		X	0.003979	43	26.8	5	49
14	UDCon1	Combination		Y	0.005372	38	3.75	14.8	49
14	UDCon2	Combination		X	0.00429	43	26.8	5	49
14	UDCon2	Combination		Y	0.005726	38	3.75	14.8	49
14	UDCon3	Combination	Max	X	0.002953	44	26.8	19.6	49
14	UDCon3	Combination	Max	Y	0.006366	38	3.75	14.8	49
14	UDCon3	Combination	Min	X	0.006889	41	7	5	49
14	UDCon4	Combination	Max	X	0.004067	44	26.8	19.6	49
14	UDCon4	Combination	Max	Y	0.006638	38	3.75	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	UDCon4	Combination	Min	X	0.006281	41	7	5	49
14	UDCon5	Combination	Max	X	0.003584	44	26.8	19.6	49
14	UDCon5	Combination	Max	Y	0.006231	38	3.75	14.8	49
14	UDCon5	Combination	Min	X	0.005708	43	26.8	5	49
14	UDCon6	Combination	Max	X	0.003174	44	26.8	19.6	49
14	UDCon6	Combination	Max	Y	0.006762	38	3.75	14.8	49
14	UDCon6	Combination	Min	X	0.005839	41	7	5	49
14	UDCon7	Combination	Max	X	0.002981	44	26.8	19.6	49
14	UDCon7	Combination	Max	Y	0.006296	38	3.75	14.8	49
14	UDCon7	Combination	Min	X	0.006827	41	7	5	49
14	UDCon8	Combination	Max	X	0.004095	44	26.8	19.6	49
14	UDCon8	Combination	Max	Y	0.006568	38	3.75	14.8	49
14	UDCon8	Combination	Min	X	0.006219	41	7	5	49
14	UDCon9	Combination	Max	X	0.003612	44	26.8	19.6	49
14	UDCon9	Combination	Max	Y	0.00616	38	3.75	14.8	49
14	UDCon9	Combination	Min	X	0.005646	43	26.8	5	49
14	UDCon10	Combination	Max	X	0.003202	44	26.8	19.6	49
14	UDCon10	Combination	Max	Y	0.006691	38	3.75	14.8	49
14	UDCon10	Combination	Min	X	0.005777	41	7	5	49
13	Dead	LinStatic		X	0.001545	41	7	5	45.5
13	Dead	LinStatic		Y	0.001992	40	3.75	5	45.5
13	Live	LinStatic		X	0.000207	41	7	5	45.5
13	Live	LinStatic		Y	0.000232	40	3.75	5	45.5
13	FF	LinStatic		X	0.000769	41	7	5	45.5
13	FF	LinStatic		Y	0.001051	40	3.75	5	45.5
13	PW	LinStatic		X	0.000648	41	7	5	45.5
13	PW	LinStatic		Y	0.000873	40	3.75	5	45.5
13	Earthquake+x	LinStatic		X	0.003141	44	26.8	19.6	45.5
13	Earthquake+x	LinStatic		Y	0.0007	40	3.75	5	45.5
13	Earthquake+y	LinStatic		Y	0.004328	47	26.8	10	45.5
13	TH-X Load Case	LinModHist	Max	X	0.003707	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Y	0.002356	38	3.75	14.8	45.5
13	TH-X Load Case	LinModHist	Min	X	0.004832	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Y	0.002627	39	3.75	10	45.5
13	TH-Y Load Case	LinModHist	Max	X	0.004325	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Y	0.002205	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	X	0.003942	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Y	0.002755	39	3.75	10	45.5
13	UDCon1	Combination		X	0.003999	41	7	5	45.5
13	UDCon1	Combination		Y	0.005286	40	3.75	5	45.5
13	UDCon2	Combination		X	0.004309	41	7	5	45.5
13	UDCon2	Combination		Y	0.005634	40	3.75	5	45.5
13	UDCon3	Combination	Max	X	0.003169	44	26.8	19.6	45.5
13	UDCon3	Combination	Max	Y	0.006341	40	3.75	5	45.5
13	UDCon3	Combination	Min	X	0.007061	41	7	5	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	UDCon4	Combination	Max	X	0.004294	44	26.8	19.6	45.5
13	UDCon4	Combination	Max	Y	0.006612	40	3.75	5	45.5
13	UDCon4	Combination	Min	X	0.006453	41	7	5	45.5
13	UDCon5	Combination	Max	X	0.003786	44	26.8	19.6	45.5
13	UDCon5	Combination	Max	Y	0.00619	40	3.75	5	45.5
13	UDCon5	Combination	Min	X	0.005874	41	7	5	45.5
13	UDCon6	Combination	Max	X	0.003403	44	26.8	19.6	45.5
13	UDCon6	Combination	Max	Y	0.00674	40	3.75	5	45.5
13	UDCon6	Combination	Min	X	0.005972	41	7	5	45.5
13	UDCon7	Combination	Max	X	0.003196	44	26.8	19.6	45.5
13	UDCon7	Combination	Max	Y	0.006272	40	3.75	5	45.5
13	UDCon7	Combination	Min	X	0.006999	41	7	5	45.5
13	UDCon8	Combination	Max	X	0.004321	44	26.8	19.6	45.5
13	UDCon8	Combination	Max	Y	0.006542	40	3.75	5	45.5
13	UDCon8	Combination	Min	X	0.006391	41	7	5	45.5
13	UDCon9	Combination	Max	X	0.003814	44	26.8	19.6	45.5
13	UDCon9	Combination	Max	Y	0.00612	40	3.75	5	45.5
13	UDCon9	Combination	Min	X	0.005811	41	7	5	45.5
13	UDCon10	Combination	Max	X	0.003431	44	26.8	19.6	45.5
13	UDCon10	Combination	Max	Y	0.006671	40	3.75	5	45.5
13	UDCon10	Combination	Min	X	0.00591	41	7	5	45.5
12F RF	Dead	LinStatic		X	0.001547	41	7	5	42
12F RF	Dead	LinStatic		Y	0.00195	40	3.75	5	42
12F RF	Live	LinStatic		X	0.000206	41	7	5	42
12F RF	Live	LinStatic		Y	0.000227	40	3.75	5	42
12F RF	FF	LinStatic		X	0.000774	41	7	5	42
12F RF	FF	LinStatic		Y	0.00103	40	3.75	5	42
12F RF	PW	LinStatic		X	0.000653	41	7	5	42
12F RF	PW	LinStatic		Y	0.000855	40	3.75	5	42
12F RF	Earthquake+x	LinStatic		X	0.003313	44	26.8	19.6	42
12F RF	Earthquake+x	LinStatic		Y	0.000719	39	3.75	10	42
12F RF	Earthquake+y	LinStatic		Y	0.004426	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Max	X	0.003853	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Y	0.002394	33	3.75	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	X	0.004963	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Y	0.002652	39	3.75	10	42
12F RF	TH-Y Load Case	LinModHist	Max	X	0.004436	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Y	0.002219	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	X	0.004108	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Y	0.002791	33	3.75	19.6	42
12F RF	UDCon1	Combination		X	0.004016	41	7	5	42
12F RF	UDCon1	Combination		Y	0.005178	40	3.75	5	42
12F RF	UDCon2	Combination		X	0.004325	41	7	5	42
12F RF	UDCon2	Combination		Y	0.005518	40	3.75	5	42
12F RF	UDCon3	Combination	Max	X	0.003394	44	26.8	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	UDCon3	Combination	Max	Y	0.006297	40	3.75	5	42
12F RF	UDCon3	Combination	Min	X	0.00719	41	7	5	42
12F RF	UDCon3	Combination	Min	Y	0.002555	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	X	0.004504	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	Y	0.006555	40	3.75	5	42
12F RF	UDCon4	Combination	Min	X	0.006607	41	7	5	42
12F RF	UDCon5	Combination	Max	X	0.003977	44	26.8	19.6	42
12F RF	UDCon5	Combination	Max	Y	0.006123	40	3.75	5	42
12F RF	UDCon5	Combination	Min	X	0.006028	41	7	5	42
12F RF	UDCon5	Combination	Min	Y	0.002254	44	26.8	19.6	42
12F RF	UDCon6	Combination	Max	X	0.003649	33	3.75	19.6	42
12F RF	UDCon6	Combination	Max	Y	0.006694	40	3.75	5	42
12F RF	UDCon6	Combination	Min	X	0.006067	41	7	5	42
12F RF	UDCon7	Combination	Max	X	0.003419	44	26.8	19.6	42
12F RF	UDCon7	Combination	Max	Y	0.006229	40	3.75	5	42
12F RF	UDCon7	Combination	Min	X	0.007129	41	7	5	42
12F RF	UDCon7	Combination	Min	Y	0.002566	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	X	0.00453	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	Y	0.006487	40	3.75	5	42
12F RF	UDCon8	Combination	Min	X	0.006545	41	7	5	42
12F RF	UDCon9	Combination	Max	X	0.004003	44	26.8	19.6	42
12F RF	UDCon9	Combination	Max	Y	0.006055	40	3.75	5	42
12F RF	UDCon9	Combination	Min	X	0.005966	41	7	5	42
12F RF	UDCon9	Combination	Min	Y	0.002264	44	26.8	19.6	42
12F RF	UDCon10	Combination	Max	X	0.003675	33	3.75	19.6	42
12F RF	UDCon10	Combination	Max	Y	0.006626	40	3.75	5	42
12F RF	UDCon10	Combination	Min	X	0.006006	41	7	5	42
11F RF	Dead	LinStatic		X	0.001551	41	7	5	38.5
11F RF	Dead	LinStatic		Y	0.001897	40	3.75	5	38.5
11F RF	Live	LinStatic		X	0.000204	41	7	5	38.5
11F RF	Live	LinStatic		Y	0.00022	40	3.75	5	38.5
11F RF	FF	LinStatic		X	0.000781	41	7	5	38.5
11F RF	FF	LinStatic		Y	0.001003	40	3.75	5	38.5
11F RF	PW	LinStatic		X	0.000661	43	26.8	5	38.5
11F RF	PW	LinStatic		Y	0.000833	40	3.75	5	38.5
11F RF	Earthquake+x	LinStatic		X	0.00348	44	26.8	19.6	38.5
11F RF	Earthquake+x	LinStatic		Y	0.000737	39	3.75	10	38.5
11F RF	Earthquake+y	LinStatic		Y	0.004516	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Max	X	0.003975	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Y	0.002423	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	X	0.005041	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Y	0.002661	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	X	0.004499	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Y	0.00222	40	3.75	5	38.5
11F RF	TH-Y Load Case	LinModHist	Min	X	0.004256	44	26.8	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	Min	Y	0.002814	33	3.75	19.6	38.5
11F RF	UDCon1	Combination		X	0.004039	41	7	5	38.5
11F RF	UDCon1	Combination		Y	0.005039	40	3.75	5	38.5
11F RF	UDCon2	Combination		X	0.004346	41	7	5	38.5
11F RF	UDCon2	Combination		Y	0.005369	40	3.75	5	38.5
11F RF	UDCon3	Combination	Max	X	0.00362	33	3.75	19.6	38.5
11F RF	UDCon3	Combination	Max	Y	0.006222	40	3.75	5	38.5
11F RF	UDCon3	Combination	Min	X	0.007275	41	7	5	38.5
11F RF	UDCon3	Combination	Min	Y	0.00289	44	26.8	19.6	38.5
11F RF	UDCon4	Combination	Max	X	0.004684	33	3.75	19.6	38.5
11F RF	UDCon4	Combination	Max	Y	0.006459	40	3.75	5	38.5
11F RF	UDCon4	Combination	Min	X	0.006744	41	7	5	38.5
11F RF	UDCon4	Combination	Min	Y	0.00269	44	26.8	19.6	38.5
11F RF	UDCon5	Combination	Max	X	0.004144	33	3.75	19.6	38.5
11F RF	UDCon5	Combination	Max	Y	0.006018	40	3.75	5	38.5
11F RF	UDCon5	Combination	Min	X	0.006172	41	7	5	38.5
11F RF	UDCon5	Combination	Min	Y	0.00256	44	26.8	19.6	38.5
11F RF	UDCon6	Combination	Max	X	0.003901	33	3.75	19.6	38.5
11F RF	UDCon6	Combination	Max	Y	0.006612	40	3.75	5	38.5
11F RF	UDCon6	Combination	Min	X	0.006159	41	7	5	38.5
11F RF	UDCon7	Combination	Max	X	0.003643	33	3.75	19.6	38.5
11F RF	UDCon7	Combination	Max	Y	0.006156	40	3.75	5	38.5
11F RF	UDCon7	Combination	Min	X	0.007214	41	7	5	38.5
11F RF	UDCon7	Combination	Min	Y	0.002896	44	26.8	19.6	38.5
11F RF	UDCon8	Combination	Max	X	0.004708	33	3.75	19.6	38.5
11F RF	UDCon8	Combination	Max	Y	0.006393	40	3.75	5	38.5
11F RF	UDCon8	Combination	Min	X	0.006683	41	7	5	38.5
11F RF	UDCon8	Combination	Min	Y	0.002696	44	26.8	19.6	38.5
11F RF	UDCon9	Combination	Max	X	0.004167	33	3.75	19.6	38.5
11F RF	UDCon9	Combination	Max	Y	0.005952	40	3.75	5	38.5
11F RF	UDCon9	Combination	Min	X	0.00611	41	7	5	38.5
11F RF	UDCon9	Combination	Min	Y	0.002566	44	26.8	19.6	38.5
11F RF	UDCon10	Combination	Max	X	0.003925	33	3.75	19.6	38.5
11F RF	UDCon10	Combination	Max	Y	0.006546	40	3.75	5	38.5
11F RF	UDCon10	Combination	Min	X	0.006098	41	7	5	38.5
10F RF	Dead	LinStatic		X	0.001559	43	26.8	5	35
10F RF	Dead	LinStatic		Y	0.001833	40	3.75	5	35
10F RF	Live	LinStatic		X	0.000203	50	22.6	5	35
10F RF	Live	LinStatic		Y	0.000212	40	3.75	5	35
10F RF	FF	LinStatic		X	0.000792	43	26.8	5	35
10F RF	FF	LinStatic		Y	0.00097	40	3.75	5	35
10F RF	PW	LinStatic		X	0.000673	43	26.8	5	35
10F RF	PW	LinStatic		Y	0.000806	40	3.75	5	35
10F RF	Earthquake+x	LinStatic		X	0.003632	44	26.8	19.6	35
10F RF	Earthquake+x	LinStatic		Y	0.000753	33	3.75	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	Earthquake+y	LinStatic		Y	0.004592	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Max	X	0.004066	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Y	0.002438	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	X	0.005057	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Y	0.002649	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	X	0.004504	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Y	0.002202	40	3.75	5	35
10F RF	TH-Y Load Case	LinModHist	Min	X	0.004373	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Y	0.002818	33	3.75	19.6	35
10F RF	UDCon1	Combination		X	0.004082	43	26.8	5	35
10F RF	UDCon1	Combination		Y	0.004872	40	3.75	5	35
10F RF	UDCon2	Combination		X	0.004387	43	26.8	5	35
10F RF	UDCon2	Combination		Y	0.00519	40	3.75	5	35
10F RF	UDCon3	Combination	Max	X	0.003832	33	3.75	19.6	35
10F RF	UDCon3	Combination	Max	Y	0.00611	40	3.75	5	35
10F RF	UDCon3	Combination	Min	X	0.007316	42	24.7	5	35
10F RF	UDCon3	Combination	Min	Y	0.003276	48	26.8	12	35
10F RF	UDCon4	Combination	Max	X	0.004822	33	3.75	19.6	35
10F RF	UDCon4	Combination	Max	Y	0.00632	40	3.75	5	35
10F RF	UDCon4	Combination	Min	X	0.006921	50	22.6	5	35
10F RF	UDCon4	Combination	Min	Y	0.00307	48	26.8	12	35
10F RF	UDCon5	Combination	Max	X	0.004269	33	3.75	19.6	35
10F RF	UDCon5	Combination	Max	Y	0.005874	40	3.75	5	35
10F RF	UDCon5	Combination	Min	X	0.006303	50	22.6	5	35
10F RF	UDCon5	Combination	Min	Y	0.002913	48	26.8	12	35
10F RF	UDCon6	Combination	Max	X	0.004139	33	3.75	19.6	35
10F RF	UDCon6	Combination	Max	Y	0.00649	40	3.75	5	35
10F RF	UDCon6	Combination	Min	X	0.00622	42	24.7	5	35
10F RF	UDCon6	Combination	Min	Y	0.0029	48	26.8	12	35
10F RF	UDCon7	Combination	Max	X	0.003853	33	3.75	19.6	35
10F RF	UDCon7	Combination	Max	Y	0.006046	40	3.75	5	35
10F RF	UDCon7	Combination	Min	X	0.007255	42	24.7	5	35
10F RF	UDCon7	Combination	Min	Y	0.003276	48	26.8	12	35
10F RF	UDCon8	Combination	Max	X	0.004843	33	3.75	19.6	35
10F RF	UDCon8	Combination	Max	Y	0.006256	40	3.75	5	35
10F RF	UDCon8	Combination	Min	X	0.00686	50	22.6	5	35
10F RF	UDCon8	Combination	Min	Y	0.00307	48	26.8	12	35
10F RF	UDCon9	Combination	Max	X	0.00429	33	3.75	19.6	35
10F RF	UDCon9	Combination	Max	Y	0.00581	40	3.75	5	35
10F RF	UDCon9	Combination	Min	X	0.006242	50	22.6	5	35
10F RF	UDCon9	Combination	Min	Y	0.002913	48	26.8	12	35
10F RF	UDCon10	Combination	Max	X	0.00416	33	3.75	19.6	35
10F RF	UDCon10	Combination	Max	Y	0.006426	40	3.75	5	35
10F RF	UDCon10	Combination	Min	X	0.006159	42	24.7	5	35
10F RF	UDCon10	Combination	Min	Y	0.0029	48	26.8	12	35

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
9F RF	Dead	LinStatic		X	0.001574	43	26.8	5	31.5
9F RF	Dead	LinStatic		Y	0.001759	40	3.75	5	31.5
9F RF	Live	LinStatic		X	0.000202	50	22.6	5	31.5
9F RF	Live	LinStatic		Y	0.000203	40	3.75	5	31.5
9F RF	FF	LinStatic		X	0.000807	43	26.8	5	31.5
9F RF	FF	LinStatic		Y	0.000932	40	3.75	5	31.5
9F RF	PW	LinStatic		X	0.00069	43	26.8	5	31.5
9F RF	PW	LinStatic		Y	0.000775	40	3.75	5	31.5
9F RF	Earthquake+x	LinStatic		X	0.003761	33	3.75	19.6	31.5
9F RF	Earthquake+x	LinStatic		Y	0.000764	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Y	0.004647	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	X	0.004124	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Y	0.002433	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	X	0.005011	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Y	0.002611	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	X	0.004446	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Y	0.002162	40	3.75	5	31.5
9F RF	TH-Y Load Case	LinModHist	Min	X	0.004452	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Y	0.002797	33	3.75	19.6	31.5
9F RF	UDCon1	Combination		X	0.004146	43	26.8	5	31.5
9F RF	UDCon1	Combination		Y	0.004678	40	3.75	5	31.5
9F RF	UDCon2	Combination		X	0.004449	43	26.8	5	31.5
9F RF	UDCon2	Combination		Y	0.004983	40	3.75	5	31.5
9F RF	UDCon3	Combination	Max	X	0.004021	33	3.75	19.6	31.5
9F RF	UDCon3	Combination	Max	Y	0.005958	40	3.75	5	31.5
9F RF	UDCon3	Combination	Min	X	0.007321	42	24.7	5	31.5
9F RF	UDCon3	Combination	Min	Y	0.003714	48	26.8	12	31.5
9F RF	UDCon4	Combination	Max	X	0.004908	33	3.75	19.6	31.5
9F RF	UDCon4	Combination	Max	Y	0.006136	40	3.75	5	31.5
9F RF	UDCon4	Combination	Min	X	0.007097	50	22.6	5	31.5
9F RF	UDCon4	Combination	Min	Y	0.003507	48	26.8	12	31.5
9F RF	UDCon5	Combination	Max	X	0.004343	33	3.75	19.6	31.5
9F RF	UDCon5	Combination	Max	Y	0.005688	40	3.75	5	31.5
9F RF	UDCon5	Combination	Min	X	0.006425	50	22.6	5	31.5
9F RF	UDCon5	Combination	Min	Y	0.00332	48	26.8	12	31.5
9F RF	UDCon6	Combination	Max	X	0.004349	33	3.75	19.6	31.5
9F RF	UDCon6	Combination	Max	Y	0.006322	40	3.75	5	31.5
9F RF	UDCon6	Combination	Min	X	0.006254	50	22.6	5	31.5
9F RF	UDCon6	Combination	Min	Y	0.003311	48	26.8	12	31.5
9F RF	UDCon7	Combination	Max	X	0.004038	33	3.75	19.6	31.5
9F RF	UDCon7	Combination	Max	Y	0.005897	40	3.75	5	31.5
9F RF	UDCon7	Combination	Min	X	0.007261	42	24.7	5	31.5
9F RF	UDCon7	Combination	Min	Y	0.003707	48	26.8	12	31.5
9F RF	UDCon8	Combination	Max	X	0.004925	33	3.75	19.6	31.5
9F RF	UDCon8	Combination	Max	Y	0.006075	40	3.75	5	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	UDCon8	Combination	Min	X	0.007036	50	22.6	5	31.5
9F RF	UDCon8	Combination	Min	Y	0.0035	48	26.8	12	31.5
9F RF	UDCon9	Combination	Max	X	0.00436	33	3.75	19.6	31.5
9F RF	UDCon9	Combination	Max	Y	0.005627	40	3.75	5	31.5
9F RF	UDCon9	Combination	Min	X	0.006364	50	22.6	5	31.5
9F RF	UDCon9	Combination	Min	Y	0.003313	48	26.8	12	31.5
9F RF	UDCon10	Combination	Max	X	0.004367	33	3.75	19.6	31.5
9F RF	UDCon10	Combination	Max	Y	0.006261	40	3.75	5	31.5
9F RF	UDCon10	Combination	Min	X	0.006193	50	22.6	5	31.5
9F RF	UDCon10	Combination	Min	Y	0.003304	48	26.8	12	31.5
8F RF	Dead	LinStatic		X	0.001598	41	7	5	28
8F RF	Dead	LinStatic		Y	0.001675	40	3.75	5	28
8F RF	Live	LinStatic		X	0.000201	41	7	5	28
8F RF	Live	LinStatic		Y	0.000193	40	3.75	5	28
8F RF	FF	LinStatic		X	0.000829	41	7	5	28
8F RF	FF	LinStatic		Y	0.000889	40	3.75	5	28
8F RF	PW	LinStatic		X	0.000712	41	7	5	28
8F RF	PW	LinStatic		Y	0.00074	40	3.75	5	28
8F RF	Earthquake+x	LinStatic		X	0.003857	33	3.75	19.6	28
8F RF	Earthquake+x	LinStatic		Y	0.000767	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Y	0.004675	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	X	0.004147	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Y	0.002402	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	X	0.004948	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Y	0.002543	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	X	0.004326	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Y	0.002096	40	3.75	5	28
8F RF	TH-Y Load Case	LinModHist	Min	X	0.004503	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Y	0.00275	33	3.75	19.6	28
8F RF	UDCon1	Combination		X	0.004238	41	7	5	28
8F RF	UDCon1	Combination		Y	0.00446	40	3.75	5	28
8F RF	UDCon2	Combination		X	0.004541	41	7	5	28
8F RF	UDCon2	Combination		Y	0.00475	40	3.75	5	28
8F RF	UDCon3	Combination	Max	X	0.004175	33	3.75	19.6	28
8F RF	UDCon3	Combination	Max	Y	0.005763	40	3.75	5	28
8F RF	UDCon3	Combination	Min	X	0.00739	41	7	5	28
8F RF	UDCon3	Combination	Min	Y	0.004203	48	26.8	12	28
8F RF	UDCon4	Combination	Max	X	0.004976	33	3.75	19.6	28
8F RF	UDCon4	Combination	Max	Y	0.005904	40	3.75	5	28
8F RF	UDCon4	Combination	Min	X	0.007261	41	7	5	28
8F RF	UDCon4	Combination	Min	Y	0.004	48	26.8	12	28
8F RF	UDCon5	Combination	Max	X	0.004354	33	3.75	19.6	28
8F RF	UDCon5	Combination	Max	Y	0.005458	40	3.75	5	28
8F RF	UDCon5	Combination	Min	X	0.006535	41	7	5	28
8F RF	UDCon5	Combination	Min	Y	0.003777	48	26.8	12	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	UDCon6	Combination	Max	X	0.004531	33	3.75	19.6	28
8F RF	UDCon6	Combination	Max	Y	0.006112	40	3.75	5	28
8F RF	UDCon6	Combination	Min	X	0.006417	41	7	5	28
8F RF	UDCon6	Combination	Min	Y	0.003801	48	26.8	12	28
8F RF	UDCon7	Combination	Max	X	0.004189	33	3.75	19.6	28
8F RF	UDCon7	Combination	Max	Y	0.005705	40	3.75	5	28
8F RF	UDCon7	Combination	Min	X	0.007329	41	7	5	28
8F RF	UDCon7	Combination	Min	Y	0.004188	48	26.8	12	28
8F RF	UDCon8	Combination	Max	X	0.00499	33	3.75	19.6	28
8F RF	UDCon8	Combination	Max	Y	0.005846	40	3.75	5	28
8F RF	UDCon8	Combination	Min	X	0.0072	41	7	5	28
8F RF	UDCon8	Combination	Min	Y	0.003985	48	26.8	12	28
8F RF	UDCon9	Combination	Max	X	0.004369	33	3.75	19.6	28
8F RF	UDCon9	Combination	Max	Y	0.0054	40	3.75	5	28
8F RF	UDCon9	Combination	Min	X	0.006474	41	7	5	28
8F RF	UDCon9	Combination	Min	Y	0.003761	48	26.8	12	28
8F RF	UDCon10	Combination	Max	X	0.004545	33	3.75	19.6	28
8F RF	UDCon10	Combination	Max	Y	0.006054	40	3.75	5	28
8F RF	UDCon10	Combination	Min	X	0.006356	41	7	5	28
8F RF	UDCon10	Combination	Min	Y	0.003786	48	26.8	12	28
7F RF	Dead	LinStatic		X	0.001649	41	7	5	24.5
7F RF	Dead	LinStatic		Y	0.001584	40	3.75	5	24.5
7F RF	Live	LinStatic		X	0.000203	41	7	5	24.5
7F RF	Live	LinStatic		Y	0.000182	40	3.75	5	24.5
7F RF	FF	LinStatic		X	0.00087	41	7	5	24.5
7F RF	FF	LinStatic		Y	0.000843	40	3.75	5	24.5
7F RF	PW	LinStatic		X	0.000752	41	7	5	24.5
7F RF	PW	LinStatic		Y	0.000702	40	3.75	5	24.5
7F RF	Earthquake+x	LinStatic		X	0.00391	33	3.75	19.6	24.5
7F RF	Earthquake+x	LinStatic		Y	0.000764	39	3.75	10	24.5
7F RF	Earthquake+y	LinStatic		X	0.001008	41	7	5	24.5
7F RF	Earthquake+y	LinStatic		Y	0.00467	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	X	0.00419	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Y	0.002339	40	3.75	5	24.5
7F RF	TH-X Load Case	LinModHist	Min	X	0.004877	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Y	0.002443	40	3.75	5	24.5
7F RF	TH-Y Load Case	LinModHist	Max	X	0.004158	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Y	0.00207	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Min	X	0.004524	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Y	0.002677	40	3.75	5	24.5
7F RF	UDCon1	Combination		X	0.004414	41	7	5	24.5
7F RF	UDCon1	Combination		Y	0.004225	40	3.75	5	24.5
7F RF	UDCon2	Combination		X	0.004719	41	7	5	24.5
7F RF	UDCon2	Combination		Y	0.004498	40	3.75	5	24.5
7F RF	UDCon3	Combination	Max	X	0.004333	33	3.75	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	UDCon3	Combination	Max	Y	0.005524	40	3.75	5	24.5
7F RF	UDCon3	Combination	Min	X	0.007479	41	7	5	24.5
7F RF	UDCon3	Combination	Min	Y	0.004743	48	26.8	12	24.5
7F RF	UDCon4	Combination	Max	X	0.005021	33	3.75	19.6	24.5
7F RF	UDCon4	Combination	Max	Y	0.005627	40	3.75	5	24.5
7F RF	UDCon4	Combination	Min	X	0.007435	41	7	5	24.5
7F RF	UDCon4	Combination	Min	Y	0.004547	48	26.8	12	24.5
7F RF	UDCon5	Combination	Max	X	0.004302	33	3.75	19.6	24.5
7F RF	UDCon5	Combination	Max	Y	0.005209	40	3.75	5	24.5
7F RF	UDCon5	Combination	Min	X	0.006662	41	7	5	24.5
7F RF	UDCon5	Combination	Min	Y	0.004307	48	26.8	12	24.5
7F RF	UDCon6	Combination	Max	X	0.004668	33	3.75	19.6	24.5
7F RF	UDCon6	Combination	Max	Y	0.005861	40	3.75	5	24.5
7F RF	UDCon6	Combination	Min	X	0.006657	41	7	5	24.5
7F RF	UDCon6	Combination	Min	Y	0.004373	48	26.8	12	24.5
7F RF	UDCon7	Combination	Max	X	0.004344	33	3.75	19.6	24.5
7F RF	UDCon7	Combination	Max	Y	0.005469	40	3.75	5	24.5
7F RF	UDCon7	Combination	Min	X	0.007418	41	7	5	24.5
7F RF	UDCon7	Combination	Min	Y	0.004719	48	26.8	12	24.5
7F RF	UDCon8	Combination	Max	X	0.005032	33	3.75	19.6	24.5
7F RF	UDCon8	Combination	Max	Y	0.005573	40	3.75	5	24.5
7F RF	UDCon8	Combination	Min	X	0.007374	41	7	5	24.5
7F RF	UDCon8	Combination	Min	Y	0.004523	48	26.8	12	24.5
7F RF	UDCon9	Combination	Max	X	0.004313	33	3.75	19.6	24.5
7F RF	UDCon9	Combination	Max	Y	0.005155	40	3.75	5	24.5
7F RF	UDCon9	Combination	Min	X	0.006601	41	7	5	24.5
7F RF	UDCon9	Combination	Min	Y	0.004283	48	26.8	12	24.5
7F RF	UDCon10	Combination	Max	X	0.004679	33	3.75	19.6	24.5
7F RF	UDCon10	Combination	Max	Y	0.005806	40	3.75	5	24.5
7F RF	UDCon10	Combination	Min	X	0.006596	41	7	5	24.5
7F RF	UDCon10	Combination	Min	Y	0.004349	48	26.8	12	24.5
6F RF	Dead	LinStatic		X	0.001734	40	3.75	5	21
6F RF	Dead	LinStatic		Y	0.001488	40	3.75	5	21
6F RF	Live	LinStatic		X	0.000208	40	3.75	5	21
6F RF	Live	LinStatic		Y	0.00017	40	3.75	5	21
6F RF	FF	LinStatic		X	0.000933	41	7	5	21
6F RF	PW	LinStatic		X	0.000812	41	7	5	21
6F RF	PW	LinStatic		Y	0.000773	48	26.8	12	21
6F RF	Earthquake+x	LinStatic		X	0.003912	33	3.75	19.6	21
6F RF	Earthquake+x	LinStatic		Y	0.000752	39	3.75	10	21
6F RF	Earthquake+y	LinStatic		X	0.001122	41	7	5	21
6F RF	Earthquake+y	LinStatic		Y	0.004623	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Max	X	0.004191	33	3.75	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Y	0.002243	40	3.75	5	21
6F RF	TH-X Load Case	LinModHist	Min	X	0.004725	33	3.75	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	TH-X Load Case	LinModHist	Min	Y	0.0024	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Max	X	0.00423	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Y	0.002064	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	X	0.004484	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Y	0.002565	40	3.75	5	21
6F RF	UDCon1	Combination		X	0.004697	40	3.75	5	21
6F RF	UDCon2	Combination		X	0.005009	40	3.75	5	21
6F RF	UDCon3	Combination	Max	X	0.004417	31	15.8	19.6	21
6F RF	UDCon3	Combination	Max	Y	0.00524	40	3.75	5	21
6F RF	UDCon3	Combination	Min	X	0.007594	40	3.75	5	21
6F RF	UDCon3	Combination	Min	Y	0.005333	48	26.8	12	21
6F RF	UDCon4	Combination	Max	X	0.004951	31	15.8	19.6	21
6F RF	UDCon4	Combination	Max	Y	0.005309	40	3.75	5	21
6F RF	UDCon4	Combination	Min	X	0.007633	40	3.75	5	21
6F RF	UDCon4	Combination	Min	Y	0.005149	48	26.8	12	21
6F RF	UDCon5	Combination	Max	X	0.004455	31	15.8	19.6	21
6F RF	UDCon5	Combination	Max	Y	0.00493	40	3.75	5	21
6F RF	UDCon5	Combination	Min	X	0.006824	41	7	5	21
6F RF	UDCon5	Combination	Min	Y	0.004961	48	26.8	12	21
6F RF	UDCon6	Combination	Max	X	0.00471	31	15.8	19.6	21
6F RF	UDCon6	Combination	Max	Y	0.005563	40	3.75	5	21
6F RF	UDCon6	Combination	Min	X	0.006931	41	7	5	21
6F RF	UDCon6	Combination	Min	Y	0.004999	48	26.8	12	21
6F RF	UDCon7	Combination	Max	X	0.004425	31	15.8	19.6	21
6F RF	UDCon7	Combination	Max	Y	0.005189	40	3.75	5	21
6F RF	UDCon7	Combination	Min	X	0.007532	40	3.75	5	21
6F RF	UDCon7	Combination	Min	Y	0.005298	48	26.8	12	21
6F RF	UDCon8	Combination	Max	X	0.004959	31	15.8	19.6	21
6F RF	UDCon8	Combination	Max	Y	0.005257	40	3.75	5	21
6F RF	UDCon8	Combination	Min	X	0.00757	40	3.75	5	21
6F RF	UDCon8	Combination	Min	Y	0.005114	48	26.8	12	21
6F RF	UDCon9	Combination	Max	X	0.004463	31	15.8	19.6	21
6F RF	UDCon9	Combination	Max	Y	0.004879	40	3.75	5	21
6F RF	UDCon9	Combination	Min	X	0.006762	41	7	5	21
6F RF	UDCon9	Combination	Min	Y	0.004926	48	26.8	12	21
6F RF	UDCon10	Combination	Max	X	0.004717	31	15.8	19.6	21
6F RF	UDCon10	Combination	Max	Y	0.005512	40	3.75	5	21
6F RF	UDCon10	Combination	Min	X	0.006869	41	7	5	21
6F RF	UDCon10	Combination	Min	Y	0.004964	48	26.8	12	21
5F RF	Dead	LinStatic		X	0.00186	40	3.75	5	17.5
5F RF	Dead	LinStatic		Y	0.001654	48	26.8	12	17.5
5F RF	Live	LinStatic		X	0.000216	40	3.75	5	17.5
5F RF	FF	LinStatic		X	0.001023	40	3.75	5	17.5
5F RF	FF	LinStatic		Y	0.001033	48	26.8	12	17.5
5F RF	PW	LinStatic		X	0.000898	40	3.75	5	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	PW	LinStatic		Y	0.000946	48	26.8	12	17.5
5F RF	Earthquake+x	LinStatic		X	0.003854	31	15.8	19.6	17.5
5F RF	Earthquake+x	LinStatic		Y	0.000729	40	3.75	5	17.5
5F RF	Earthquake+y	LinStatic		X	0.001272	41	7	5	17.5
5F RF	Earthquake+y	LinStatic		Y	0.004521	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	X	0.004128	32	11.4	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Y	0.002164	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	X	0.004494	31	15.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Y	0.002339	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Max	X	0.004232	31	15.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Y	0.002039	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	X	0.004377	31	15.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Y	0.002413	40	3.75	5	17.5
5F RF	UDCon1	Combination		X	0.005104	40	3.75	5	17.5
5F RF	UDCon1	Combination		Y	0.004905	48	26.8	12	17.5
5F RF	UDCon2	Combination		X	0.005428	40	3.75	5	17.5
5F RF	UDCon2	Combination		Y	0.00514	48	26.8	12	17.5
5F RF	UDCon3	Combination	Max	X	0.004378	31	15.8	19.6	17.5
5F RF	UDCon3	Combination	Max	Y	0.004905	40	3.75	5	17.5
5F RF	UDCon3	Combination	Min	X	0.007946	40	3.75	5	17.5
5F RF	UDCon3	Combination	Min	Y	0.005994	48	26.8	12	17.5
5F RF	UDCon4	Combination	Max	X	0.004745	31	15.8	19.6	17.5
5F RF	UDCon4	Combination	Max	Y	0.004942	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	X	0.007861	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	Y	0.005822	48	26.8	12	17.5
5F RF	UDCon5	Combination	Max	X	0.004483	31	15.8	19.6	17.5
5F RF	UDCon5	Combination	Max	Y	0.004606	40	3.75	5	17.5
5F RF	UDCon5	Combination	Min	X	0.007069	40	3.75	5	17.5
5F RF	UDCon5	Combination	Min	Y	0.005684	48	26.8	12	17.5
5F RF	UDCon6	Combination	Max	X	0.004628	31	15.8	19.6	17.5
5F RF	UDCon6	Combination	Max	Y	0.005209	40	3.75	5	17.5
5F RF	UDCon6	Combination	Min	X	0.007246	40	3.75	5	17.5
5F RF	UDCon6	Combination	Min	Y	0.005694	48	26.8	12	17.5
5F RF	UDCon7	Combination	Max	X	0.004384	31	15.8	19.6	17.5
5F RF	UDCon7	Combination	Max	Y	0.004858	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	X	0.007881	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	Y	0.005947	48	26.8	12	17.5
5F RF	UDCon8	Combination	Max	X	0.00475	31	15.8	19.6	17.5
5F RF	UDCon8	Combination	Max	Y	0.004895	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	X	0.007796	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	Y	0.005775	48	26.8	12	17.5
5F RF	UDCon9	Combination	Max	X	0.004488	31	15.8	19.6	17.5
5F RF	UDCon9	Combination	Max	Y	0.004558	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	X	0.007004	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	Y	0.005637	48	26.8	12	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	UDCon10	Combination	Max	X	0.004634	31	15.8	19.6	17.5
5F RF	UDCon10	Combination	Max	Y	0.005162	40	3.75	5	17.5
5F RF	UDCon10	Combination	Min	X	0.007181	40	3.75	5	17.5
5F RF	UDCon10	Combination	Min	Y	0.005647	48	26.8	12	17.5
4F RF	Dead	LinStatic		X	0.001985	40	3.75	5	14
4F RF	Dead	LinStatic		Y	0.002041	48	26.8	12	14
4F RF	Live	LinStatic		X	0.000223	40	3.75	5	14
4F RF	Live	LinStatic		Y	0.000201	48	26.8	12	14
4F RF	FF	LinStatic		X	0.001113	40	3.75	5	14
4F RF	FF	LinStatic		Y	0.001267	48	26.8	12	14
4F RF	PW	LinStatic		X	0.000985	40	3.75	5	14
4F RF	PW	LinStatic		Y	0.001146	48	26.8	12	14
4F RF	Earthquake+x	LinStatic		X	0.00375	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		X	0.00146	40	3.75	5	14
4F RF	Earthquake+y	LinStatic		Y	0.004338	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Max	X	0.004007	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Y	0.002084	45	26.8	14.8	14
4F RF	TH-X Load Case	LinModHist	Min	X	0.004209	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Y	0.002255	45	26.8	14.8	14
4F RF	TH-Y Load Case	LinModHist	Max	X	0.004179	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Y	0.002003	45	26.8	14.8	14
4F RF	TH-Y Load Case	LinModHist	Min	X	0.004222	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Y	0.002217	33	3.75	19.6	14
4F RF	UDCon1	Combination		X	0.005513	40	3.75	5	14
4F RF	UDCon1	Combination		Y	0.006012	48	26.8	12	14
4F RF	UDCon2	Combination		X	0.005847	40	3.75	5	14
4F RF	UDCon2	Combination		Y	0.006314	48	26.8	12	14
4F RF	UDCon3	Combination	Max	X	0.004243	31	15.8	19.6	14
4F RF	UDCon3	Combination	Max	Y	0.004485	40	3.75	5	14
4F RF	UDCon3	Combination	Min	X	0.00826	40	3.75	5	14
4F RF	UDCon3	Combination	Min	Y	0.006757	48	26.8	12	14
4F RF	UDCon4	Combination	Max	X	0.004437	6	20.5	19.6	14
4F RF	UDCon4	Combination	Max	Y	0.004495	40	3.75	5	14
4F RF	UDCon4	Combination	Min	X	0.008044	40	3.75	5	14
4F RF	UDCon4	Combination	Min	Y	0.006593	48	26.8	12	14
4F RF	UDCon5	Combination	Max	X	0.004407	31	15.8	19.6	14
4F RF	UDCon5	Combination	Max	Y	0.004203	40	3.75	5	14
4F RF	UDCon5	Combination	Min	X	0.007287	40	3.75	5	14
4F RF	UDCon5	Combination	Min	Y	0.006502	48	26.8	12	14
4F RF	UDCon6	Combination	Max	X	0.00445	31	15.8	19.6	14
4F RF	UDCon6	Combination	Max	Y	0.004765	40	3.75	5	14
4F RF	UDCon6	Combination	Min	X	0.007524	40	3.75	5	14
4F RF	UDCon6	Combination	Min	Y	0.006507	48	26.8	12	14
4F RF	UDCon7	Combination	Max	X	0.004246	31	15.8	19.6	14
4F RF	UDCon7	Combination	Max	Y	0.004442	40	3.75	5	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	UDCon7	Combination	Min	X	0.008193	40	3.75	5	14
4F RF	UDCon7	Combination	Min	Y	0.006697	48	26.8	12	14
4F RF	UDCon8	Combination	Max	X	0.00444	6	20.5	19.6	14
4F RF	UDCon8	Combination	Max	Y	0.004452	40	3.75	5	14
4F RF	UDCon8	Combination	Min	X	0.007977	40	3.75	5	14
4F RF	UDCon8	Combination	Min	Y	0.006532	48	26.8	12	14
4F RF	UDCon9	Combination	Max	X	0.00441	31	15.8	19.6	14
4F RF	UDCon9	Combination	Max	Y	0.00416	40	3.75	5	14
4F RF	UDCon9	Combination	Min	X	0.00722	40	3.75	5	14
4F RF	UDCon9	Combination	Min	Y	0.006442	48	26.8	12	14
4F RF	UDCon10	Combination	Max	X	0.004453	31	15.8	19.6	14
4F RF	UDCon10	Combination	Max	Y	0.004722	40	3.75	5	14
4F RF	UDCon10	Combination	Min	X	0.007457	40	3.75	5	14
4F RF	UDCon10	Combination	Min	Y	0.006446	48	26.8	12	14
3F RF	Dead	LinStatic		X	0.002314	50	22.6	5	10.5
3F RF	Dead	LinStatic		Y	0.00266	45	26.8	14.8	10.5
3F RF	Live	LinStatic		X	0.00025	50	22.6	5	10.5
3F RF	Live	LinStatic		Y	0.000273	45	26.8	14.8	10.5
3F RF	FF	LinStatic		X	0.001327	50	22.6	5	10.5
3F RF	FF	LinStatic		Y	0.001648	45	26.8	14.8	10.5
3F RF	PW	LinStatic		X	0.001183	50	22.6	5	10.5
3F RF	PW	LinStatic		Y	0.001471	45	26.8	14.8	10.5
3F RF	Earthquake+x	LinStatic		X	0.003637	6	20.5	19.6	10.5
3F RF	Earthquake+y	LinStatic		X	0.001693	50	22.6	5	10.5
3F RF	Earthquake+y	LinStatic		Y	0.004195	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Max	X	0.003888	6	20.5	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Y	0.002068	48	26.8	12	10.5
3F RF	TH-X Load Case	LinModHist	Min	X	0.004085	49	24.7	12	10.5
3F RF	TH-X Load Case	LinModHist	Min	Y	0.002201	47	26.8	10	10.5
3F RF	TH-Y Load Case	LinModHist	Max	X	0.004095	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Y	0.002017	47	26.8	10	10.5
3F RF	TH-Y Load Case	LinModHist	Min	X	0.004049	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Y	0.001993	48	26.8	12	10.5
3F RF	UDCon1	Combination		X	0.006513	50	22.6	5	10.5
3F RF	UDCon1	Combination		Y	0.007801	45	26.8	14.8	10.5
3F RF	UDCon2	Combination		X	0.006888	50	22.6	5	10.5
3F RF	UDCon2	Combination		Y	0.00821	45	26.8	14.8	10.5
3F RF	UDCon3	Combination	Max	X	0.004664	44	26.8	19.6	10.5
3F RF	UDCon3	Combination	Min	X	0.008826	50	22.6	5	10.5
3F RF	UDCon3	Combination	Min	Y	0.008002	45	26.8	14.8	10.5
3F RF	UDCon4	Combination	Max	X	0.004837	44	26.8	19.6	10.5
3F RF	UDCon4	Combination	Min	X	0.00851	50	22.6	5	10.5
3F RF	UDCon4	Combination	Min	Y	0.007854	45	26.8	14.8	10.5
3F RF	UDCon5	Combination	Max	X	0.004858	44	26.8	19.6	10.5
3F RF	UDCon5	Combination	Min	X	0.007761	50	22.6	5	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	UDCon5	Combination	Min	Y	0.00779	45	26.8	14.8	10.5
3F RF	UDCon6	Combination	Max	X	0.004816	44	26.8	19.6	10.5
3F RF	UDCon6	Combination	Max	Y	0.004298	38	3.75	14.8	10.5
3F RF	UDCon6	Combination	Min	X	0.008054	50	22.6	5	10.5
3F RF	UDCon6	Combination	Min	Y	0.007818	45	26.8	14.8	10.5
3F RF	UDCon7	Combination	Max	X	0.004656	44	26.8	19.6	10.5
3F RF	UDCon7	Combination	Min	X	0.008751	50	22.6	5	10.5
3F RF	UDCon7	Combination	Min	Y	0.00792	45	26.8	14.8	10.5
3F RF	UDCon8	Combination	Max	X	0.004829	44	26.8	19.6	10.5
3F RF	UDCon8	Combination	Min	X	0.008435	50	22.6	5	10.5
3F RF	UDCon8	Combination	Min	Y	0.007772	45	26.8	14.8	10.5
3F RF	UDCon9	Combination	Max	X	0.00485	44	26.8	19.6	10.5
3F RF	UDCon9	Combination	Min	X	0.007686	50	22.6	5	10.5
3F RF	UDCon9	Combination	Min	Y	0.007708	45	26.8	14.8	10.5
3F RF	UDCon10	Combination	Max	X	0.004808	44	26.8	19.6	10.5
3F RF	UDCon10	Combination	Max	Y	0.004259	38	3.75	14.8	10.5
3F RF	UDCon10	Combination	Min	X	0.007979	50	22.6	5	10.5
3F RF	UDCon10	Combination	Min	Y	0.007736	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		X	0.003201	43	26.8	5	7
2F RF	Dead	LinStatic		Y	0.003413	45	26.8	14.8	7
2F RF	Live	LinStatic		X	0.000335	43	26.8	5	7
2F RF	Live	LinStatic		Y	0.000358	45	26.8	14.8	7
2F RF	FF	LinStatic		X	0.001897	43	26.8	5	7
2F RF	FF	LinStatic		Y	0.002118	45	26.8	14.8	7
2F RF	PW	LinStatic		X	0.0017	43	26.8	5	7
2F RF	PW	LinStatic		Y	0.001875	45	26.8	14.8	7
2F RF	Earthquake+x	LinStatic		X	0.003694	44	26.8	19.6	7
2F RF	Earthquake+y	LinStatic		X	0.002206	43	26.8	5	7
2F RF	Earthquake+y	LinStatic		Y	0.004205	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Max	X	0.003946	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Y	0.002065	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Min	X	0.004306	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Y	0.002235	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Max	X	0.004201	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Y	0.002111	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Min	X	0.00408	33	3.75	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Y	0.002046	43	26.8	5	7
2F RF	UDCon1	Combination		X	0.009177	43	26.8	5	7
2F RF	UDCon1	Combination		Y	0.009999	45	26.8	14.8	7
2F RF	UDCon2	Combination		X	0.00968	43	26.8	5	7
2F RF	UDCon2	Combination		Y	0.010537	45	26.8	14.8	7
2F RF	UDCon3	Combination	Max	X	0.005642	33	3.75	19.6	7
2F RF	UDCon3	Combination	Max	Y	0.005663	45	26.8	14.8	7
2F RF	UDCon3	Combination	Min	X	0.010348	43	26.8	5	7
2F RF	UDCon3	Combination	Min	Y	0.009525	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	UDCon4	Combination	Max	X	0.00592	33	3.75	19.6	7
2F RF	UDCon4	Combination	Max	Y	0.005504	45	26.8	14.8	7
2F RF	UDCon4	Combination	Min	X	0.010004	43	26.8	5	7
2F RF	UDCon4	Combination	Min	Y	0.009366	45	26.8	14.8	7
2F RF	UDCon5	Combination	Max	X	0.005975	33	3.75	19.6	7
2F RF	UDCon5	Combination	Max	Y	0.005653	45	26.8	14.8	7
2F RF	UDCon5	Combination	Min	X	0.009269	43	26.8	5	7
2F RF	UDCon5	Combination	Min	Y	0.009329	45	26.8	14.8	7
2F RF	UDCon6	Combination	Max	X	0.005876	33	3.75	19.6	7
2F RF	UDCon6	Combination	Max	Y	0.005699	45	26.8	14.8	7
2F RF	UDCon6	Combination	Min	X	0.009598	43	26.8	5	7
2F RF	UDCon6	Combination	Min	Y	0.009375	45	26.8	14.8	7
2F RF	UDCon7	Combination	Max	X	0.005616	33	3.75	19.6	7
2F RF	UDCon7	Combination	Max	Y	0.005556	45	26.8	14.8	7
2F RF	UDCon7	Combination	Min	X	0.010247	43	26.8	5	7
2F RF	UDCon7	Combination	Min	Y	0.009418	45	26.8	14.8	7
2F RF	UDCon8	Combination	Max	X	0.005894	33	3.75	19.6	7
2F RF	UDCon8	Combination	Max	Y	0.005396	45	26.8	14.8	7
2F RF	UDCon8	Combination	Min	X	0.009904	43	26.8	5	7
2F RF	UDCon8	Combination	Min	Y	0.009258	45	26.8	14.8	7
2F RF	UDCon9	Combination	Max	X	0.005949	33	3.75	19.6	7
2F RF	UDCon9	Combination	Max	Y	0.005546	45	26.8	14.8	7
2F RF	UDCon9	Combination	Min	X	0.009168	43	26.8	5	7
2F RF	UDCon9	Combination	Min	Y	0.009222	45	26.8	14.8	7
2F RF	UDCon10	Combination	Max	X	0.00585	33	3.75	19.6	7
2F RF	UDCon10	Combination	Max	Y	0.005592	45	26.8	14.8	7
2F RF	UDCon10	Combination	Min	X	0.009497	43	26.8	5	7
2F RF	UDCon10	Combination	Min	Y	0.009268	45	26.8	14.8	7
1F RF	Dead	LinStatic		X	0.006391	32	11.4	19.6	3.5
1F RF	Dead	LinStatic		Y	0.014168	37	20.5	14.8	3.5
1F RF	Live	LinStatic		Y	0.001591	37	20.5	14.8	3.5
1F RF	FF	LinStatic		X	0.00334	32	11.4	19.6	3.5
1F RF	FF	LinStatic		Y	0.007606	37	20.5	14.8	3.5
1F RF	PW	LinStatic		X	0.002791	32	11.4	19.6	3.5
1F RF	PW	LinStatic		Y	0.006426	37	20.5	14.8	3.5
1F RF	Earthquake+x	LinStatic		X	0.017115	33	3.75	19.6	3.5
1F RF	Earthquake+x	LinStatic		Y	0.007802	40	3.75	5	3.5
1F RF	Earthquake+y	LinStatic		X	0.003647	28	20.5	5	3.5
1F RF	Earthquake+y	LinStatic		Y	0.017288	38	3.75	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	X	0.018084	44	26.8	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Max	Y	0.022477	39	3.75	10	3.5
1F RF	TH-X Load Case	LinModHist	Min	X	0.022264	33	3.75	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Min	Y	0.023506	38	3.75	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Max	X	0.023568	33	3.75	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Y	0.025597	38	3.75	14.8	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	TH-Y Load Case	LinModHist	Min	X	0.026725	44	26.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Y	0.026045	38	3.75	14.8	3.5
1F RF	UDCon1	Combination		X	0.016906	32	11.4	19.6	3.5
1F RF	UDCon1	Combination		Y	0.03807	37	20.5	14.8	3.5
1F RF	UDCon2	Combination		X	0.017979	32	11.4	19.6	3.5
1F RF	UDCon2	Combination		Y	0.040457	37	20.5	14.8	3.5
1F RF	UDCon3	Combination	Max	X	0.020779	44	26.8	19.6	3.5
1F RF	UDCon3	Combination	Max	Y	0.029185	37	20.5	14.8	3.5
1F RF	UDCon3	Combination	Min	X	0.022881	40	3.75	5	3.5
1F RF	UDCon3	Combination	Min	Y	0.028147	37	20.5	14.8	3.5
1F RF	UDCon4	Combination	Max	X	0.024795	44	26.8	19.6	3.5
1F RF	UDCon4	Combination	Max	Y	0.029207	37	20.5	14.8	3.5
1F RF	UDCon4	Combination	Min	X	0.017564	40	3.75	5	3.5
1F RF	UDCon4	Combination	Min	Y	0.02817	37	20.5	14.8	3.5
1F RF	UDCon5	Combination	Max	X	0.02621	44	26.8	19.6	3.5
1F RF	UDCon5	Combination	Max	Y	0.02919	37	20.5	14.8	3.5
1F RF	UDCon5	Combination	Min	X	0.024279	33	3.75	19.6	3.5
1F RF	UDCon5	Combination	Min	Y	0.028143	37	20.5	14.8	3.5
1F RF	UDCon6	Combination	Max	X	0.02942	44	26.8	19.6	3.5
1F RF	UDCon6	Combination	Max	Y	0.029212	37	20.5	14.8	3.5
1F RF	UDCon6	Combination	Min	X	0.021129	33	3.75	19.6	3.5
1F RF	UDCon7	Combination	Max	X	0.020735	44	26.8	19.6	3.5
1F RF	UDCon7	Combination	Max	Y	0.028708	37	20.5	14.8	3.5
1F RF	UDCon7	Combination	Min	X	0.0228	40	3.75	5	3.5
1F RF	UDCon7	Combination	Min	Y	0.02767	37	20.5	14.8	3.5
1F RF	UDCon8	Combination	Max	X	0.024751	44	26.8	19.6	3.5
1F RF	UDCon8	Combination	Max	Y	0.02873	37	20.5	14.8	3.5
1F RF	UDCon8	Combination	Min	X	0.017483	40	3.75	5	3.5
1F RF	UDCon8	Combination	Min	Y	0.027692	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Max	X	0.026165	44	26.8	19.6	3.5
1F RF	UDCon9	Combination	Max	Y	0.028712	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Min	X	0.024318	33	3.75	19.6	3.5
1F RF	UDCon10	Combination	Max	X	0.029376	44	26.8	19.6	3.5
1F RF	UDCon10	Combination	Max	Y	0.028735	37	20.5	14.8	3.5
1F RF	UDCon10	Combination	Min	X	0.021168	33	3.75	19.6	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	MX kN-m
16	Dead	LinStatic		Top	4138.4802	-1.349E-06	1.08E-06	2.265E-05	51671.1436
16	Dead	LinStatic		Bottom	5848.7799	-1.349E-06	1.096E-06	2.297E-05	70927.5297
16	Live	LinStatic		Top	633.08	0	0	4.076E-06	7910.046
16	Live	LinStatic		Bottom	666.8944	0	0	4.088E-06	8145.8703
16	FF	LinStatic		Top	2471.6802	-5.643E-07	5.365E-07	8.92E-06	31126.7236
16	FF	LinStatic		Bottom	3646.7799	-5.644E-07	5.485E-07	9.163E-06	44002.7097

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	MX kN-m
16	PW	LinStatic		Top	2005.1952	0	0	6.441E-06	25257.4816
16	PW	LinStatic		Bottom	3175.6149	0	0	6.7E-06	38107.2597
16	Earthquake+x	LinStatic		Top	0	-420.9616	1.053E-06	5171.7265	-8.681E-07
16	Earthquake+x	LinStatic		Bottom	0	-428.2425	1.049E-06	5215.0571	-4.39E-06
16	Earthquake+y	LinStatic		Top	0	0	-420.9616	-6458.7077	0
16	Earthquake+y	LinStatic		Bottom	0	0	-428.2425	-6598.4519	1485.3791
16	TH-X Load Case	LinModHist	Max	Top	0	1008.7988	194.9569	8903.7415	1.491E-06
16	TH-X Load Case	LinModHist	Max	Bottom	0	1024.0245	198.8319	8976.5601	596.4875
16	TH-X Load Case	LinModHist	Min	Top	0	-689.291	-168.6711	-12551.2276	-1.021E-06
16	TH-X Load Case	LinModHist	Min	Bottom	0	-699.9569	-172.3915	-12646.9153	-688.7429
16	TH-Y Load Case	LinModHist	Max	Top	0	566.4782	240.548	11552.4772	1.245E-06
16	TH-Y Load Case	LinModHist	Max	Bottom	0	574.0183	244.6726	11650.4444	667.0402
16	TH-Y Load Case	LinModHist	Min	Top	0	-815.3105	-189.0987	-9074.1504	-1.475E-06
16	TH-Y Load Case	LinModHist	Min	Bottom	0	-826.7481	-192.247	-9173.2119	-848.7236
16	UDCon1	Combination		Top	11630.7301	-3.187E-06	2.738E-06	0.0001	145874.721
16	UDCon1	Combination		Bottom	17106.0858	-3.188E-06	2.793E-06	0.0001	206600.6237
16	UDCon2	Combination		Top	12580.3501	-3.536E-06	2.947E-06	0.0001	157739.79
16	UDCon2	Combination		Bottom	18106.4275	-3.536E-06	3.003E-06	0.0001	218819.4292
16	UDCon3	Combination	Max	Top	8805.2796	1008.7988	194.9569	8903.7416	110428.3627
16	UDCon3	Combination	Max	Bottom	12871.243	1024.0245	198.8319	8976.5601	156077.7476
16	UDCon3	Combination	Min	Top	8805.2796	-689.291	-168.6711	-12551.2276	110428.3627
16	UDCon3	Combination	Min	Bottom	12871.243	-699.9569	-172.3915	-12646.9153	154792.5173
16	UDCon4	Combination	Max	Top	8805.2796	689.291	168.6711	12551.2277	110428.3627
16	UDCon4	Combination	Max	Bottom	12871.243	699.9569	172.3915	12646.9154	156170.0031
16	UDCon4	Combination	Min	Top	8805.2796	-1008.7988	-194.9569	-8903.7415	110428.3627
16	UDCon4	Combination	Min	Bottom	12871.243	-1024.0245	-198.8319	-8976.5601	154884.7727
16	UDCon5	Combination	Max	Top	8805.2796	566.4782	240.548	11552.4772	110428.3627
16	UDCon5	Combination	Max	Bottom	12871.243	574.0183	244.6726	11650.4444	156148.3003
16	UDCon5	Combination	Min	Top	8805.2796	-815.3105	-189.0987	-9074.1504	110428.3627
16	UDCon5	Combination	Min	Bottom	12871.243	-826.7481	-192.247	-9173.2118	154632.5366
16	UDCon6	Combination	Max	Top	8805.2796	815.3105	189.0987	9074.1505	110428.3627
16	UDCon6	Combination	Max	Bottom	12871.243	826.7481	192.247	9173.2119	156329.9838
16	UDCon6	Combination	Min	Top	8805.2796	-566.4782	-240.548	-11552.4771	110428.3627
16	UDCon6	Combination	Min	Bottom	12871.243	-574.0183	-244.6726	-11650.4443	154814.22
16	UDCon7	Combination	Max	Top	8615.3556	1008.7988	194.9569	8903.7416	108055.3489
16	UDCon7	Combination	Max	Bottom	12671.1747	1024.0245	198.8319	8976.5601	153633.9865
16	UDCon7	Combination	Min	Top	8615.3556	-689.291	-168.6711	-12551.2276	108055.3489
16	UDCon7	Combination	Min	Bottom	12671.1747	-699.9569	-172.3915	-12646.9153	152348.7562
16	UDCon8	Combination	Max	Top	8615.3556	689.291	168.6711	12551.2277	108055.3489
16	UDCon8	Combination	Max	Bottom	12671.1747	699.9569	172.3915	12646.9154	153726.242
16	UDCon8	Combination	Min	Top	8615.3556	-1008.7988	-194.9569	-8903.7415	108055.3489
16	UDCon8	Combination	Min	Bottom	12671.1747	-1024.0245	-198.8319	-8976.5601	152441.0116
16	UDCon9	Combination	Max	Top	8615.3556	566.4782	240.548	11552.4772	108055.3489
16	UDCon9	Combination	Max	Bottom	12671.1747	574.0183	244.6726	11650.4444	153704.5392
16	UDCon9	Combination	Min	Top	8615.3556	-815.3105	-189.0987	-9074.1504	108055.3489

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	MX kN-m
16	UDCon9	Combination	Min	Bottom	12671.1747	-826.7481	-192.247	-9173.2118	152188.7755
16	UDCon10	Combination	Max	Top	8615.3556	815.3105	189.0987	9074.1505	108055.3489
16	UDCon10	Combination	Max	Bottom	12671.1747	826.7481	192.247	9173.2119	153886.2227
16	UDCon10	Combination	Min	Top	8615.3556	-566.4782	-240.548	-11552.4771	108055.3489
16	UDCon10	Combination	Min	Bottom	12671.1747	-574.0183	-244.6726	-11650.4443	152370.4589
15	Dead	LinStatic		Top	9987.2601	-5.452E-06	2.839E-06	0.0001	122598.6733
15	Dead	LinStatic		Bottom	11697.5598	-5.451E-06	2.921E-06	0.0001	141855.0594
15	Live	LinStatic		Top	1299.9744	-8.336E-07	0	1.217E-05	16055.9163
15	Live	LinStatic		Bottom	1333.7889	-8.335E-07	0	1.226E-05	16291.7406
15	FF	LinStatic		Top	6118.4601	-2.503E-06	1.483E-06	3.489E-05	75129.4333
15	FF	LinStatic		Bottom	7293.5598	-2.503E-06	1.54E-06	3.601E-05	88005.4194
15	PW	LinStatic		Top	5180.8101	-2.068E-06	1.202E-06	2.804E-05	63364.7413
15	PW	LinStatic		Bottom	6351.2298	-2.067E-06	1.261E-06	2.918E-05	76214.5194
15	Earthquake+x	LinStatic		Top	0	-909.4135	2.402E-06	11030.4359	-3.475E-06
15	Earthquake+x	LinStatic		Bottom	0	-916.2393	2.363E-06	11071.0584	-1.176E-05
15	Earthquake+y	LinStatic		Top	0	2.031E-06	-909.4136	-14109.99	1485.3791
15	Earthquake+y	LinStatic		Bottom	0	2.033E-06	-916.2394	-14241.0002	4679.5892
15	TH-X Load Case	LinModHist	Max	Top	0	2058.9883	418.6684	18194.7338	596.4875
15	TH-X Load Case	LinModHist	Max	Bottom	0	2071.4923	421.9687	18256.295	1876.6503
15	TH-X Load Case	LinModHist	Min	Top	0	-1425.3924	-364.2402	-25475.9682	-688.7429
15	TH-X Load Case	LinModHist	Min	Bottom	0	-1434.5514	-367.4657	-25555.6985	-2159.5279
15	TH-Y Load Case	LinModHist	Max	Top	0	1193.9466	513.069	23815.9688	667.0402
15	TH-Y Load Case	LinModHist	Max	Bottom	0	1200.7271	516.7457	23899.065	2068.5804
15	TH-Y Load Case	LinModHist	Min	Top	0	-1670.9241	-399.1021	-19521.7268	-848.7236
15	TH-Y Load Case	LinModHist	Min	Bottom	0	-1680.2832	-401.9402	-19612.1784	-2650.5317
15	UDCon1	Combination		Top	28736.8159	-1.353E-05	7.459E-06	0.0002	352475.3447
15	UDCon1	Combination		Bottom	34212.1716	-1.353E-05	7.725E-06	0.0002	413201.2475
15	UDCon2	Combination		Top	30686.7776	-1.478E-05	7.971E-06	0.0002	376559.2192
15	UDCon2	Combination		Bottom	36212.855	-1.478E-05	8.245E-06	0.0002	437638.8585
15	UDCon3	Combination	Max	Top	21676.5226	2058.9883	418.6684	18194.7339	266506.1103
15	UDCon3	Combination	Max	Bottom	25742.486	2071.4923	421.9687	18256.2951	312839.1706
15	UDCon3	Combination	Min	Top	21676.5226	-1425.3924	-364.2402	-25475.9681	265220.88
15	UDCon3	Combination	Min	Bottom	25742.486	-1434.5514	-367.4657	-25555.6983	308802.9924
15	UDCon4	Combination	Max	Top	21676.5226	1425.3924	364.2402	25475.9683	266598.3657
15	UDCon4	Combination	Max	Bottom	25742.486	1434.5514	367.4657	25555.6986	313122.0483
15	UDCon4	Combination	Min	Top	21676.5226	-2058.9884	-418.6684	-18194.7336	265313.1354
15	UDCon4	Combination	Min	Bottom	25742.486	-2071.4923	-421.9687	-18256.2948	309085.8701
15	UDCon5	Combination	Max	Top	21676.5226	1193.9466	513.069	23815.969	266576.663
15	UDCon5	Combination	Max	Bottom	25742.486	1200.7271	516.7457	23899.0651	313031.1007
15	UDCon5	Combination	Min	Top	21676.5226	-1670.9241	-399.1021	-19521.7267	265060.8992
15	UDCon5	Combination	Min	Bottom	25742.486	-1680.2832	-401.9402	-19612.1783	308311.9887
15	UDCon6	Combination	Max	Top	21676.5226	1670.9241	399.1021	19521.727	266758.3465
15	UDCon6	Combination	Max	Bottom	25742.486	1680.2832	401.9402	19612.1786	313613.052
15	UDCon6	Combination	Min	Top	21676.5226	-1193.9467	-513.069	-23815.9687	265242.5827
15	UDCon6	Combination	Min	Bottom	25742.486	-1200.7271	-516.7457	-23899.0648	308893.94

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	MX kN-m
15	UDCon7	Combination	Max	Top	21286.5303	2058.9883	418.6684	18194.7339	261689.3354
15	UDCon7	Combination	Max	Bottom	25342.3494	2071.4923	421.9687	18256.2951	307951.6484
15	UDCon7	Combination	Min	Top	21286.5303	-1425.3924	-364.2402	-25475.9681	260404.1051
15	UDCon7	Combination	Min	Bottom	25342.3494	-1434.5514	-367.4657	-25555.6983	303915.4703
15	UDCon8	Combination	Max	Top	21286.5303	1425.3924	364.2402	25475.9683	261781.5909
15	UDCon8	Combination	Max	Bottom	25342.3494	1434.5514	367.4657	25555.6986	308234.5261
15	UDCon8	Combination	Min	Top	21286.5303	-2058.9884	-418.6684	-18194.7336	260496.3605
15	UDCon8	Combination	Min	Bottom	25342.3494	-2071.4923	-421.9687	-18256.2948	304198.3479
15	UDCon9	Combination	Max	Top	21286.5303	1193.9466	513.069	23815.969	261759.8881
15	UDCon9	Combination	Max	Bottom	25342.3494	1200.7271	516.7457	23899.0651	308143.5785
15	UDCon9	Combination	Min	Top	21286.5303	-1670.9241	-399.1021	-19521.7267	260244.1243
15	UDCon9	Combination	Min	Bottom	25342.3494	-1680.2832	-401.9402	-19612.1783	303424.4665
15	UDCon10	Combination	Max	Top	21286.5303	1670.9241	399.1021	19521.727	261941.5716
15	UDCon10	Combination	Max	Bottom	25342.3494	1680.2832	401.9402	19612.1785	308725.5298
15	UDCon10	Combination	Min	Top	21286.5303	-1193.9467	-513.069	-23815.9687	260425.8078
15	UDCon10	Combination	Min	Bottom	25342.3494	-1200.7271	-516.7457	-23899.0648	304006.4178
14	Dead	LinStatic		Top	15836.04	-1.13E-06	2.446E-06	1.959E-05	193526.203
14	Dead	LinStatic		Bottom	17546.3397	-1.131E-06	2.572E-06	2.203E-05	212782.5891
14	Live	LinStatic		Top	1966.8689	0	0	2.886E-06	24201.7866
14	Live	LinStatic		Bottom	2000.6833	0	0	3.122E-06	24437.611
14	FF	LinStatic		Top	9765.24	-5.536E-07	1.292E-06	9.45E-06	119132.143
14	FF	LinStatic		Bottom	10940.3397	-5.543E-07	1.369E-06	1.095E-05	132008.1291
14	PW	LinStatic		Top	8356.425	0	1.059E-06	7.406E-06	101472.001
14	PW	LinStatic		Bottom	9526.8447	0	1.131E-06	8.81E-06	114321.7791
14	Earthquake+x	LinStatic		Top	0	-1365.3324	1.876E-06	16893.9478	-1.279E-05
14	Earthquake+x	LinStatic		Bottom	0	-1371.7031	1.834E-06	16931.8621	-1.928E-05
14	Earthquake+y	LinStatic		Top	-5.908E-07	0	-1365.3323	-21787.3124	4679.5891
14	Earthquake+y	LinStatic		Bottom	-1.091E-06	0	-1371.7031	-21909.5886	9468.7641
14	TH-X Load Case	LinModHist	Max	Top	0	2905.0733	619.425	25902.9104	1876.6503
14	TH-X Load Case	LinModHist	Max	Bottom	0	2914.7788	622.1355	25953.5344	3771.9801
14	TH-X Load Case	LinModHist	Min	Top	0	-2041.6102	-540.2356	-35992.23	-2159.5279
14	TH-X Load Case	LinModHist	Min	Bottom	0	-2049.2262	-542.9661	-36056.4492	-4331.9878
14	TH-Y Load Case	LinModHist	Max	Top	0	1750.98	758.3873	34088.7655	2068.5804
14	TH-Y Load Case	LinModHist	Max	Bottom	5.202E-07	1756.9674	761.5916	34157.1955	4119.4813
14	TH-Y Load Case	LinModHist	Min	Top	0	-2371.3642	-584.7778	-28837.3512	-2650.5317
14	TH-Y Load Case	LinModHist	Min	Bottom	0	-2378.5733	-587.3103	-28918.6735	-5310.1743
14	UDCon1	Combination		Top	45842.9017	-2.889E-06	6.476E-06	4.92E-05	559075.9685
14	UDCon1	Combination		Bottom	51318.2575	-2.893E-06	6.847E-06	0.0001	619801.8713
14	UDCon2	Combination		Top	48793.2051	-3.138E-06	6.911E-06	0.0001	595378.6484
14	UDCon2	Combination		Bottom	54319.2825	-3.141E-06	7.301E-06	0.0001	656458.2877
14	UDCon3	Combination	Max	Top	34547.7656	2905.0733	619.425	25902.9104	423267.5333
14	UDCon3	Combination	Max	Bottom	38613.7291	2914.7788	622.1355	25953.5344	470215.7606
14	UDCon3	Combination	Min	Top	34547.7656	-2041.6102	-540.2356	-35992.2299	419231.3551
14	UDCon3	Combination	Min	Bottom	38613.7291	-2049.2262	-542.966	-36056.4492	462111.7927
14	UDCon4	Combination	Max	Top	34547.7656	2041.6102	540.2356	35992.23	423550.4109

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	MX kN-m
14	UDCon4	Combination	Max	Bottom	38613.7291	2049.2262	542.9661	36056.4492	470775.7683
14	UDCon4	Combination	Min	Top	34547.7656	-2905.0733	-619.425	-25902.9103	419514.2327
14	UDCon4	Combination	Min	Bottom	38613.7291	-2914.7788	-622.1355	-25953.5344	462671.8004
14	UDCon5	Combination	Max	Top	34547.7656	1750.98	758.3873	34088.7655	423459.4634
14	UDCon5	Combination	Max	Bottom	38613.7291	1756.9674	761.5916	34157.1956	470563.2618
14	UDCon5	Combination	Min	Top	34547.7656	-2371.3642	-584.7778	-28837.3512	418740.3513
14	UDCon5	Combination	Min	Bottom	38613.7291	-2378.5733	-587.3102	-28918.6735	461133.6062
14	UDCon6	Combination	Max	Top	34547.7656	2371.3642	584.7778	28837.3513	424041.4147
14	UDCon6	Combination	Max	Bottom	38613.7291	2378.5733	587.3103	28918.6736	471753.9548
14	UDCon6	Combination	Min	Top	34547.7656	-1750.98	-758.3873	-34088.7655	419322.3026
14	UDCon6	Combination	Min	Bottom	38613.7291	-1756.9674	-761.5916	-34157.1955	462324.2992
14	UDCon7	Combination	Max	Top	33957.705	2905.0733	619.425	25902.9104	416006.9973
14	UDCon7	Combination	Max	Bottom	38013.5241	2914.7788	622.1355	25953.5344	462884.4773
14	UDCon7	Combination	Min	Top	33957.705	-2041.6102	-540.2356	-35992.2299	411970.8191
14	UDCon7	Combination	Min	Bottom	38013.5241	-2049.2262	-542.966	-36056.4492	454780.5094
14	UDCon8	Combination	Max	Top	33957.705	2041.6102	540.2356	35992.23	416289.8749
14	UDCon8	Combination	Max	Bottom	38013.5241	2049.2262	542.9661	36056.4492	463444.485
14	UDCon8	Combination	Min	Top	33957.705	-2905.0733	-619.425	-25902.9103	412253.6967
14	UDCon8	Combination	Min	Bottom	38013.5241	-2914.7788	-622.1355	-25953.5344	455340.5171
14	UDCon9	Combination	Max	Top	33957.705	1750.98	758.3873	34088.7655	416198.9274
14	UDCon9	Combination	Max	Bottom	38013.5241	1756.9674	761.5916	34157.1956	463231.9785
14	UDCon9	Combination	Min	Top	33957.705	-2371.3642	-584.7778	-28837.3512	411479.8153
14	UDCon9	Combination	Min	Bottom	38013.5241	-2378.5733	-587.3102	-28918.6735	453802.3229
14	UDCon10	Combination	Max	Top	33957.705	2371.3642	584.7778	28837.3513	416780.8787
14	UDCon10	Combination	Max	Bottom	38013.5241	2378.5733	587.3103	28918.6736	464422.6715
14	UDCon10	Combination	Min	Top	33957.705	-1750.98	-758.3873	-34088.7655	412061.7666
14	UDCon10	Combination	Min	Bottom	38013.5241	-1756.9674	-761.5916	-34157.1955	454993.016
13	Dead	LinStatic		Top	21684.8199	4.508E-06	2.777E-06	-0.0001	264453.7327
13	Dead	LinStatic		Bottom	23395.1196	4.507E-06	2.746E-06	-0.0001	283710.1188
13	Live	LinStatic		Top	2633.7633	6.658E-07	0	-7.991E-06	32347.657
13	Live	LinStatic		Bottom	2667.5778	6.658E-07	0	-8.079E-06	32583.4813
13	FF	LinStatic		Top	13412.0199	2.065E-06	1.472E-06	-2.356E-05	163134.8527
13	FF	LinStatic		Bottom	14587.1196	2.065E-06	1.457E-06	-2.391E-05	176010.8388
13	PW	LinStatic		Top	11532.0399	1.739E-06	1.211E-06	-2.015E-05	139579.2607
13	PW	LinStatic		Bottom	12702.4596	1.738E-06	1.199E-06	-2.043E-05	152429.0388
13	Earthquake+x	LinStatic		Top	0	-1788.7181	2.091E-06	22338.8309	-1.867E-05
13	Earthquake+x	LinStatic		Bottom	0	-1794.6338	2.09E-06	22374.0371	-2.582E-05
13	Earthquake+y	LinStatic		Top	-1.211E-06	-2.332E-06	-1788.718	-28916.8785	9468.7641
13	Earthquake+y	LinStatic		Bottom	-9.419E-07	-2.33E-06	-1794.6337	-29030.4207	15739.0381
13	TH-X Load Case	LinModHist	Max	Top	5.073E-07	3545.6146	796.9974	32039.5075	3771.9801
13	TH-X Load Case	LinModHist	Max	Bottom	0	3552.559	799.1233	32079.3976	6213.4379
13	TH-X Load Case	LinModHist	Min	Top	0	-2538.5155	-696.5089	-44082.6532	-4331.9878
13	TH-X Load Case	LinModHist	Min	Bottom	0	-2544.6347	-698.7372	-44131.2544	-7124.9865
13	TH-Y Load Case	LinModHist	Max	Top	5.807E-07	2236.08	976.1621	42333.5156	4119.4813
13	TH-Y Load Case	LinModHist	Max	Bottom	0	2241.2667	978.8924	42387.1797	6735.9985

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	MX kN-m
13	TH-Y Load Case	LinModHist	Min	Top	-5.651E-07	-2913.4261	-746.5244	-36987.8018	-5310.1743
13	TH-Y Load Case	LinModHist	Min	Bottom	0	-2918.4825	-748.7558	-37059.5688	-8731.2466
13	UDCon1	Combination		Top	62948.9875	1.122E-05	7.37E-06	-0.0001	765676.5922
13	UDCon1	Combination		Bottom	68424.3433	1.122E-05	7.292E-06	-0.0001	826402.495
13	UDCon2	Combination		Top	66899.6325	1.222E-05	7.863E-06	-0.0001	814198.0777
13	UDCon2	Combination		Bottom	72425.7099	1.222E-05	7.778E-06	-0.0001	875277.7169
13	UDCon3	Combination	Max	Top	47419.0087	3545.6146	796.9974	32039.5074	580644.1233
13	UDCon3	Combination	Max	Bottom	51484.9721	3552.559	799.1233	32079.3975	628138.4786
13	UDCon3	Combination	Min	Top	47419.0087	-2538.5155	-696.5089	-44082.6533	572540.1554
13	UDCon3	Combination	Min	Bottom	51484.9721	-2544.6346	-698.7372	-44131.2545	614800.0542
13	UDCon4	Combination	Max	Top	47419.0087	2538.5155	696.5089	44082.6531	581204.131
13	UDCon4	Combination	Max	Bottom	51484.9721	2544.6347	698.7372	44131.2543	629050.0271
13	UDCon4	Combination	Min	Top	47419.0087	-3545.6145	-796.9974	-32039.5076	573100.1631
13	UDCon4	Combination	Min	Bottom	51484.9721	-3552.559	-799.1233	-32079.3977	615711.6028
13	UDCon5	Combination	Max	Top	47419.0087	2236.08	976.1621	42333.5155	580991.6244
13	UDCon5	Combination	Max	Bottom	51484.9721	2241.2667	978.8924	42387.1796	628661.0392
13	UDCon5	Combination	Min	Top	47419.0087	-2913.426	-746.5244	-36987.8019	571561.9689
13	UDCon5	Combination	Min	Bottom	51484.9721	-2918.4825	-748.7558	-37059.5689	613193.794
13	UDCon6	Combination	Max	Top	47419.0087	2913.4261	746.5244	36987.8017	582182.3175
13	UDCon6	Combination	Max	Bottom	51484.9721	2918.4825	748.7558	37059.5687	630656.2873
13	UDCon6	Combination	Min	Top	47419.0087	-2236.08	-976.1621	-42333.5157	572752.6619
13	UDCon6	Combination	Min	Bottom	51484.9721	-2241.2667	-978.8924	-42387.1798	615189.0422
13	UDCon7	Combination	Max	Top	46628.8797	3545.6146	796.9974	32039.5074	570939.8262
13	UDCon7	Combination	Max	Bottom	50684.6987	3552.559	799.1233	32079.3975	618363.4342
13	UDCon7	Combination	Min	Top	46628.8797	-2538.5155	-696.5089	-44082.6533	562835.8583
13	UDCon7	Combination	Min	Bottom	50684.6987	-2544.6346	-698.7372	-44131.2545	605025.0098
13	UDCon8	Combination	Max	Top	46628.8797	2538.5155	696.5089	44082.6531	571499.8339
13	UDCon8	Combination	Max	Bottom	50684.6987	2544.6347	698.7372	44131.2543	619274.9828
13	UDCon8	Combination	Min	Top	46628.8797	-3545.6145	-796.9974	-32039.5076	563395.866
13	UDCon8	Combination	Min	Bottom	50684.6987	-3552.559	-799.1233	-32079.3977	605936.5584
13	UDCon9	Combination	Max	Top	46628.8797	2236.08	976.1621	42333.5155	571287.3274
13	UDCon9	Combination	Max	Bottom	50684.6987	2241.2667	978.8924	42387.1796	618885.9948
13	UDCon9	Combination	Min	Top	46628.8797	-2913.426	-746.5244	-36987.8019	561857.6718
13	UDCon9	Combination	Min	Bottom	50684.6987	-2918.4825	-748.7558	-37059.5689	603418.7496
13	UDCon10	Combination	Max	Top	46628.8797	2913.4261	746.5244	36987.8017	572478.0204
13	UDCon10	Combination	Max	Bottom	50684.6987	2918.4825	748.7558	37059.5687	620881.2429
13	UDCon10	Combination	Min	Top	46628.8797	-2236.08	-976.1621	-42333.5157	563048.3648
13	UDCon10	Combination	Min	Bottom	50684.6987	-2241.2667	-978.8924	-42387.1798	605413.9978
12F RF	Dead	LinStatic		Top	27533.5998	4.823E-06	2.114E-06	-0.0001	335381.2624
12F RF	Dead	LinStatic		Bottom	29243.8995	4.819E-06	2.2E-06	-0.0001	354637.6484
12F RF	Live	LinStatic		Top	3300.6578	7.054E-07	0	-9.633E-06	40493.5273
12F RF	Live	LinStatic		Bottom	3334.4722	7.049E-07	0	-9.477E-06	40729.3516
12F RF	FF	LinStatic		Top	17058.7998	2.229E-06	1.148E-06	-3.058E-05	207137.5624
12F RF	FF	LinStatic		Bottom	18233.8995	2.227E-06	1.202E-06	-2.952E-05	220013.5484
12F RF	PW	LinStatic		Top	14707.6548	1.881E-06	9.666E-07	-2.591E-05	177686.5204

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	MX kN-m
12F RF	PW	LinStatic		Bottom	15878.0745	1.879E-06	1.018E-06	-2.491E-05	190536.2984
12F RF	Earthquake+x	LinStatic		Top	0	-2179.5706	1.197E-06	27365.0848	-2.548E-05
12F RF	Earthquake+x	LinStatic		Bottom	0	-2185.0313	1.175E-06	27397.5827	-2.959E-05
12F RF	Earthquake+y	LinStatic		Top	-1.219E-06	-2.497E-06	-2179.5706	-35498.6883	15739.0381
12F RF	Earthquake+y	LinStatic		Bottom	-1.364E-06	-2.492E-06	-2185.0312	-35603.4965	23376.5451
12F RF	TH-X Load Case	LinModHist	Max	Top	5.313E-07	3987.1877	951.7985	36691.7156	6213.4379
12F RF	TH-X Load Case	LinModHist	Max	Bottom	5.681E-07	3991.5277	953.3565	36721.6103	9132.8232
12F RF	TH-X Load Case	LinModHist	Min	Top	-5.128E-07	-2922.5727	-833.2972	-49816.7377	-7124.9865
12F RF	TH-X Load Case	LinModHist	Min	Bottom	-5.51E-07	-2927.3205	-835.0215	-49850.1511	-10458.8518
12F RF	TH-Y Load Case	LinModHist	Max	Top	5.811E-07	2649.4407	1166.4805	48560.2974	6735.9985
12F RF	TH-Y Load Case	LinModHist	Max	Bottom	6.16E-07	2653.8418	1168.7386	48599.4987	9838.332
12F RF	TH-Y Load Case	LinModHist	Min	Top	-5.743E-07	-3298.1318	-904.5847	-43944.0072	-8731.2466
12F RF	TH-Y Load Case	LinModHist	Min	Bottom	-6.238E-07	-3301.1073	-906.255	-44005.6872	-12817.6542
12F RF	UDCon1	Combination		Top	80055.0734	1.206E-05	5.709E-06	-0.0002	972277.2159
12F RF	UDCon1	Combination		Bottom	85530.4291	1.205E-05	5.968E-06	-0.0002	1033003.1187
12F RF	UDCon2	Combination		Top	85006.06	1.312E-05	6.07E-06	-0.0002	1033017.5068
12F RF	UDCon2	Combination		Bottom	90532.1374	1.311E-05	6.341E-06	-0.0002	1094097.1461
12F RF	UDCon3	Combination	Max	Top	60290.2517	3987.1877	951.7985	36691.7155	738566.8412
12F RF	UDCon3	Combination	Max	Bottom	64356.2151	3991.5277	953.3565	36721.6102	786539.124
12F RF	UDCon3	Combination	Min	Top	60290.2517	-2922.5727	-833.2972	-49816.7378	725228.4168
12F RF	UDCon3	Combination	Min	Bottom	64356.2151	-2927.3204	-835.0215	-49850.1512	766947.449
12F RF	UDCon4	Combination	Max	Top	60290.2517	2922.5727	833.2972	49816.7376	739478.3898
12F RF	UDCon4	Combination	Max	Bottom	64356.2151	2927.3205	835.0215	49850.151	787865.1526
12F RF	UDCon4	Combination	Min	Top	60290.2517	-3987.1877	-951.7985	-36691.7158	726139.9654
12F RF	UDCon4	Combination	Min	Bottom	64356.2151	-3991.5277	-953.3565	-36721.6104	768273.4776
12F RF	UDCon5	Combination	Max	Top	60290.2517	2649.4407	1166.4805	48560.2973	739089.4018
12F RF	UDCon5	Combination	Max	Bottom	64356.2151	2653.8418	1168.7386	48599.4986	787244.6329
12F RF	UDCon5	Combination	Min	Top	60290.2517	-3298.1318	-904.5847	-43944.0073	723622.1567
12F RF	UDCon5	Combination	Min	Bottom	64356.2151	-3301.1073	-906.2549	-44005.6873	764588.6466
12F RF	UDCon6	Combination	Max	Top	60290.2517	3298.1318	904.5847	43944.007	741084.65
12F RF	UDCon6	Combination	Max	Bottom	64356.2151	3301.1073	906.255	44005.6871	790223.955
12F RF	UDCon6	Combination	Min	Top	60290.2517	-2649.4407	-1166.4804	-48560.2976	725617.4048
12F RF	UDCon6	Combination	Min	Bottom	64356.2151	-2653.8418	-1168.7386	-48599.4988	767567.9688
12F RF	UDCon7	Combination	Max	Top	59300.0543	3987.1877	951.7985	36691.7155	726418.783
12F RF	UDCon7	Combination	Max	Bottom	63355.8734	3991.5277	953.3565	36721.6102	774320.3185
12F RF	UDCon7	Combination	Min	Top	59300.0543	-2922.5727	-833.2972	-49816.7378	713080.3587
12F RF	UDCon7	Combination	Min	Bottom	63355.8734	-2927.3204	-835.0215	-49850.1512	754728.6435
12F RF	UDCon8	Combination	Max	Top	59300.0543	2922.5727	833.2972	49816.7376	727330.3316
12F RF	UDCon8	Combination	Max	Bottom	63355.8734	2927.3205	835.0215	49850.151	775646.3471
12F RF	UDCon8	Combination	Min	Top	59300.0543	-3987.1877	-951.7985	-36691.7158	713991.9072
12F RF	UDCon8	Combination	Min	Bottom	63355.8734	-3991.5277	-953.3565	-36721.6104	756054.6722
12F RF	UDCon9	Combination	Max	Top	59300.0543	2649.4407	1166.4805	48560.2973	726941.3436
12F RF	UDCon9	Combination	Max	Bottom	63355.8734	2653.8418	1168.7386	48599.4986	775025.8274
12F RF	UDCon9	Combination	Min	Top	59300.0543	-3298.1318	-904.5847	-43944.0073	711474.0985
12F RF	UDCon9	Combination	Min	Bottom	63355.8734	-3301.1073	-906.2549	-44005.6873	752369.8411

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	MX kN-m
12F RF	UDCon10	Combination	Max	Top	59300.0543	3298.1318	904.5847	43944.007	728936.5918
12F RF	UDCon10	Combination	Max	Bottom	63355.8734	3301.1073	906.255	44005.6871	778005.1495
12F RF	UDCon10	Combination	Min	Top	59300.0543	-2649.4407	-1166.4804	-48560.2976	713469.3466
12F RF	UDCon10	Combination	Min	Bottom	63355.8734	-2653.8418	-1168.7386	-48599.4988	755349.1633
11F RF	Dead	LinStatic		Top	33382.3797	5.9E-06	1.92E-06	-0.0001	406308.7921
11F RF	Dead	LinStatic		Bottom	35092.6794	5.897E-06	1.971E-06	-0.0001	425565.1782
11F RF	Live	LinStatic		Top	3967.5522	8.477E-07	0	-1.197E-05	48639.3976
11F RF	Live	LinStatic		Bottom	4001.3667	8.473E-07	0	-1.188E-05	48875.2219
11F RF	FF	LinStatic		Top	20705.5797	2.765E-06	1.043E-06	-4.047E-05	251140.2721
11F RF	FF	LinStatic		Bottom	21880.6794	2.763E-06	1.075E-06	-3.987E-05	264016.2581
11F RF	PW	LinStatic		Top	17883.2697	2.342E-06	8.799E-07	-3.448E-05	215793.7801
11F RF	PW	LinStatic		Bottom	19053.6894	2.341E-06	9.1E-07	-3.391E-05	228643.5581
11F RF	Earthquake+x	LinStatic		Top	0	-2537.89	1.004E-06	31972.7099	-3.02E-05
11F RF	Earthquake+x	LinStatic		Bottom	0	-2542.8956	9.909E-07	32002.4996	-3.363E-05
11F RF	Earthquake+y	LinStatic		Top	-1.541E-06	-3.082E-06	-2537.89	-41532.7418	23376.5451
11F RF	Earthquake+y	LinStatic		Bottom	-1.595E-06	-3.079E-06	-2542.8956	-41628.816	32267.4193
11F RF	TH-X Load Case	LinModHist	Max	Top	6.82E-07	4245.6957	1084.8774	40030.627	9132.8232
11F RF	TH-X Load Case	LinModHist	Max	Bottom	6.959E-07	4247.7103	1085.8983	40051.815	12464.1232
11F RF	TH-X Load Case	LinModHist	Min	Top	-6.618E-07	-3206.7193	-951.2218	-53367.6489	-10458.8518
11F RF	TH-X Load Case	LinModHist	Min	Bottom	-6.741E-07	-3210.2981	-952.4483	-53386.9037	-14257.6072
11F RF	TH-Y Load Case	LinModHist	Max	Top	7.407E-07	2993.3936	1329.8829	52841.4993	9838.332
11F RF	TH-Y Load Case	LinModHist	Max	Bottom	7.521E-07	2997.0502	1331.676	52866.9971	13447.1053
11F RF	TH-Y Load Case	LinModHist	Min	Top	-7.184E-07	-3531.9723	-1048.8928	-49685.7136	-12817.6542
11F RF	TH-Y Load Case	LinModHist	Min	Bottom	-7.374E-07	-3533.021	-1050.4813	-49736.7943	-17475.203
11F RF	UDCon1	Combination		Top	97161.1592	1.486E-05	5.188E-06	-0.0002	1178877.8397
11F RF	UDCon1	Combination		Bottom	102636.5149	1.485E-05	5.341E-06	-0.0002	1239603.7425
11F RF	UDCon2	Combination		Top	103112.4875	1.613E-05	5.516E-06	-0.0002	1251836.9361
11F RF	UDCon2	Combination		Bottom	108638.5649	1.612E-05	5.676E-06	-0.0002	1312916.5753
11F RF	UDCon3	Combination	Max	Top	73161.4947	4245.6957	1084.8774	40030.6268	896967.4867
11F RF	UDCon3	Combination	Max	Bottom	77227.4581	4247.7103	1085.8983	40051.8149	945351.6842
11F RF	UDCon3	Combination	Min	Top	73161.4947	-3206.7193	-951.2218	-53367.6491	877375.8117
11F RF	UDCon3	Combination	Min	Bottom	77227.4581	-3210.2981	-952.4483	-53386.9038	918629.9538
11F RF	UDCon4	Combination	Max	Top	73161.4947	3206.7193	951.2218	53367.6488	898293.5153
11F RF	UDCon4	Combination	Max	Bottom	77227.4581	3210.2981	952.4483	53386.9035	947145.1682
11F RF	UDCon4	Combination	Min	Top	73161.4947	-4245.6957	-1084.8774	-40030.6272	878701.8403
11F RF	UDCon4	Combination	Min	Bottom	77227.4581	-4247.7103	-1085.8983	-40051.8152	920423.4378
11F RF	UDCon5	Combination	Max	Top	73161.4947	2993.3936	1329.8829	52841.4992	897672.9955
11F RF	UDCon5	Combination	Max	Bottom	77227.4581	2997.0502	1331.676	52866.997	946334.6663
11F RF	UDCon5	Combination	Min	Top	73161.4947	-3531.9723	-1048.8928	-49685.7138	875017.0093
11F RF	UDCon5	Combination	Min	Bottom	77227.4581	-3533.0209	-1050.4813	-49736.7944	915412.358
11F RF	UDCon6	Combination	Max	Top	73161.4947	3531.9723	1048.8928	49685.7134	900652.3177
11F RF	UDCon6	Combination	Max	Bottom	77227.4581	3533.021	1050.4813	49736.7941	950362.764
11F RF	UDCon6	Combination	Min	Top	73161.4947	-2993.3936	-1329.8829	-52841.4995	877996.3314
11F RF	UDCon6	Combination	Min	Bottom	77227.4581	-2997.0502	-1331.676	-52866.9973	919440.4557
11F RF	UDCon7	Combination	Max	Top	71971.229	4245.6957	1084.8774	40030.6268	882375.6674

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	MX kN-m
11F RF	UDCon7	Combination	Max	Bottom	76027.0481	4247.7103	1085.8983	40051.8149	930689.1176
11F RF	UDCon7	Combination	Min	Top	71971.229	-3206.7193	-951.2218	-53367.6491	862783.9924
11F RF	UDCon7	Combination	Min	Bottom	76027.0481	-3210.2981	-952.4483	-53386.9038	903967.3872
11F RF	UDCon8	Combination	Max	Top	71971.229	3206.7193	951.2218	53367.6488	883701.696
11F RF	UDCon8	Combination	Max	Bottom	76027.0481	3210.2981	952.4483	53386.9035	932482.6016
11F RF	UDCon8	Combination	Min	Top	71971.229	-4245.6957	-1084.8774	-40030.6272	864110.0211
11F RF	UDCon8	Combination	Min	Bottom	76027.0481	-4247.7103	-1085.8983	-40051.8152	905760.8712
11F RF	UDCon9	Combination	Max	Top	71971.229	2993.3936	1329.8829	52841.4992	883081.1763
11F RF	UDCon9	Combination	Max	Bottom	76027.0481	2997.0502	1331.676	52866.997	931672.0997
11F RF	UDCon9	Combination	Min	Top	71971.229	-3531.9723	-1048.8928	-49685.7138	860425.19
11F RF	UDCon9	Combination	Min	Bottom	76027.0481	-3533.0209	-1050.4813	-49736.7944	900749.7914
11F RF	UDCon10	Combination	Max	Top	71971.229	3531.9723	1048.8928	49685.7134	886060.4984
11F RF	UDCon10	Combination	Max	Bottom	76027.0481	3533.021	1050.4813	49736.7941	935700.1974
11F RF	UDCon10	Combination	Min	Top	71971.229	-2993.3936	-1329.8829	-52841.4995	863404.5122
11F RF	UDCon10	Combination	Min	Bottom	76027.0481	-2997.0502	-1331.676	-52866.9973	904777.8892
10F RF	Dead	LinStatic		Top	39231.1596	8.375E-06	3.051E-06	-0.0001	477236.3218
10F RF	Dead	LinStatic		Bottom	40941.4593	8.375E-06	3.135E-06	-0.0001	496492.7078
10F RF	Live	LinStatic		Top	4634.4467	1.18E-06	0	-1.615E-05	56785.2679
10F RF	Live	LinStatic		Bottom	4668.2611	1.18E-06	0	-1.6E-05	57021.0922
10F RF	FF	LinStatic		Top	24352.3596	3.97E-06	1.651E-06	-0.0001	295142.9818
10F RF	FF	LinStatic		Bottom	25527.4593	3.97E-06	1.704E-06	-0.0001	308018.9678
10F RF	PW	LinStatic		Top	21058.8846	3.382E-06	1.382E-06	-4.785E-05	253901.0398
10F RF	PW	LinStatic		Bottom	22229.3043	3.382E-06	1.431E-06	-4.692E-05	266750.8178
10F RF	Earthquake+x	LinStatic		Top	0	-2863.6763	2.379E-06	36161.7063	-3.333E-05
10F RF	Earthquake+x	LinStatic		Bottom	0	-2868.2269	2.359E-06	36188.7879	-4.159E-05
10F RF	Earthquake+y	LinStatic		Top	-1.544E-06	-4.55E-06	-2863.6763	-47019.039	32267.4193
10F RF	Earthquake+y	LinStatic		Bottom	-1.607E-06	-4.548E-06	-2868.2268	-47106.3791	42297.7947
10F RF	TH-X Load Case	LinModHist	Max	Top	6.131E-07	4345.6621	1197.9624	42299.9317	12464.1232
10F RF	TH-X Load Case	LinModHist	Max	Bottom	6.316E-07	4345.7342	1198.4904	42314.1613	16144.8912
10F RF	TH-X Load Case	LinModHist	Min	Top	-6.49E-07	-3409.4809	-1051.2971	-55004.3328	-14257.6072
10F RF	TH-X Load Case	LinModHist	Min	Bottom	-6.666E-07	-3412.1523	-1052.0415	-55011.0124	-18451.3467
10F RF	TH-Y Load Case	LinModHist	Max	Top	7.158E-07	3272.3625	1467.4037	55312.1027	13447.1053
10F RF	TH-Y Load Case	LinModHist	Max	Bottom	7.352E-07	3275.3389	1468.744	55325.0832	17575.7818
10F RF	TH-Y Load Case	LinModHist	Min	Top	-6.955E-07	-3627.0068	-1180.8007	-54206.8029	-17475.203
10F RF	TH-Y Load Case	LinModHist	Min	Bottom	-7.199E-07	-3626.3597	-1181.5536	-54246.8692	-22613.3275
10F RF	UDCon1	Combination		Top	114267.245	2.123E-05	8.214E-06	-0.0003	1385478.4635
10F RF	UDCon1	Combination		Bottom	119742.6008	2.123E-05	8.466E-06	-0.0003	1446204.3662
10F RF	UDCon2	Combination		Top	121218.915	2.3E-05	8.738E-06	-0.0003	1470656.3653
10F RF	UDCon2	Combination		Bottom	126744.9924	2.3E-05	9.002E-06	-0.0003	1531736.0046
10F RF	UDCon3	Combination	Max	Top	86032.7377	4345.6621	1197.9624	42299.9315	1055780.0469
10F RF	UDCon3	Combination	Max	Bottom	90098.7011	4345.7342	1198.4904	42314.1611	1104513.7124
10F RF	UDCon3	Combination	Min	Top	86032.7377	-3409.4809	-1051.2971	-55004.333	1029058.3165
10F RF	UDCon3	Combination	Min	Bottom	90098.7011	-3412.1523	-1052.0415	-55011.0126	1069917.4744
10F RF	UDCon4	Combination	Max	Top	86032.7377	3409.481	1051.2971	55004.3326	1057573.5309
10F RF	UDCon4	Combination	Max	Bottom	90098.7011	3412.1524	1052.0415	55011.0122	1106820.1679

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	MX kN-m
10F RF	UDCon4	Combination	Min	Top	86032.7377	-4345.6621	-1197.9624	-42299.9319	1030851.8005
10F RF	UDCon4	Combination	Min	Bottom	90098.7011	-4345.7342	-1198.4904	-42314.1615	1072223.9299
10F RF	UDCon5	Combination	Max	Top	86032.7377	3272.3625	1467.4037	55312.1025	1056763.0289
10F RF	UDCon5	Combination	Max	Bottom	90098.7011	3275.3389	1468.744	55325.0829	1105944.603
10F RF	UDCon5	Combination	Min	Top	86032.7377	-3627.0068	-1180.8006	-54206.8031	1025840.7207
10F RF	UDCon5	Combination	Min	Bottom	90098.7011	-3626.3597	-1181.5536	-54246.8694	1065755.4936
10F RF	UDCon6	Combination	Max	Top	86032.7377	3627.0069	1180.8007	54206.8027	1060791.1267
10F RF	UDCon6	Combination	Max	Bottom	90098.7011	3626.3597	1181.5536	54246.869	1110982.1487
10F RF	UDCon6	Combination	Min	Top	86032.7377	-3272.3625	-1467.4037	-55312.1029	1029868.8184
10F RF	UDCon6	Combination	Min	Bottom	90098.7011	-3275.3389	-1468.744	-55325.0834	1070793.0394
10F RF	UDCon7	Combination	Max	Top	84642.4037	4345.6621	1197.9624	42299.9315	1038744.4665
10F RF	UDCon7	Combination	Max	Bottom	88698.2228	4345.7342	1198.4904	42314.1611	1087407.3847
10F RF	UDCon7	Combination	Min	Top	84642.4037	-3409.4809	-1051.2971	-55004.333	1012022.7361
10F RF	UDCon7	Combination	Min	Bottom	88698.2228	-3412.1523	-1052.0415	-55011.0126	1052811.1468
10F RF	UDCon8	Combination	Max	Top	84642.4037	3409.4809	1051.2971	55004.3326	1040537.9505
10F RF	UDCon8	Combination	Max	Bottom	88698.2228	3412.1524	1052.0415	55011.0122	1089713.8402
10F RF	UDCon8	Combination	Min	Top	84642.4037	-4345.6621	-1197.9624	-42299.9319	1013816.2201
10F RF	UDCon8	Combination	Min	Bottom	88698.2228	-4345.7342	-1198.4904	-42314.1615	1055117.6023
10F RF	UDCon9	Combination	Max	Top	84642.4037	3272.3625	1467.4037	55312.1025	1039727.4486
10F RF	UDCon9	Combination	Max	Bottom	88698.2228	3275.3389	1468.744	55325.0829	1088838.2753
10F RF	UDCon9	Combination	Min	Top	84642.4037	-3627.0068	-1180.8006	-54206.8031	1008805.1403
10F RF	UDCon9	Combination	Min	Bottom	88698.2228	-3626.3597	-1181.5536	-54246.8694	1048649.166
10F RF	UDCon10	Combination	Max	Top	84642.4037	3627.0069	1180.8007	54206.8027	1043755.5463
10F RF	UDCon10	Combination	Max	Bottom	88698.2228	3626.3597	1181.5536	54246.869	1093875.821
10F RF	UDCon10	Combination	Min	Top	84642.4037	-3272.3625	-1467.4037	-55312.1029	1012833.238
10F RF	UDCon10	Combination	Min	Bottom	88698.2228	-3275.3389	-1468.744	-55325.0834	1053686.7117
9F RF	Dead	LinStatic		Top	45079.9395	8.894E-06	2.864E-06	-0.0001	548163.8514
9F RF	Dead	LinStatic		Bottom	46790.2392	8.889E-06	2.873E-06	-0.0001	567420.2375
9F RF	Live	LinStatic		Top	5301.3411	1.26E-06	0	-1.755E-05	64931.1382
9F RF	Live	LinStatic		Bottom	5335.1555	1.259E-06	0	-1.754E-05	65166.9625
9F RF	FF	LinStatic		Top	27999.1395	4.184E-06	1.587E-06	-0.0001	339145.6914
9F RF	FF	LinStatic		Bottom	29174.2392	4.181E-06	1.593E-06	-0.0001	352021.6775
9F RF	PW	LinStatic		Top	24234.4995	3.564E-06	1.355E-06	-0.0001	292008.2994
9F RF	PW	LinStatic		Bottom	25404.9192	3.561E-06	1.361E-06	-4.998E-05	304858.0775
9F RF	Earthquake+x	LinStatic		Top	0	-3156.9295	1.618E-06	39932.0738	-4.066E-05
9F RF	Earthquake+x	LinStatic		Bottom	0	-3161.025	1.615E-06	39956.4472	-4.628E-05
9F RF	Earthquake+y	LinStatic		Top	-1.824E-06	-4.952E-06	-3156.9295	-51957.5798	42297.7947
9F RF	Earthquake+y	LinStatic		Bottom	-1.819E-06	-4.947E-06	-3161.0249	-52036.186	53353.8053
9F RF	TH-X Load Case	LinModHist	Max	Top	7.507E-07	4318.2953	1293.3585	43793.4277	16144.8912
9F RF	TH-X Load Case	LinModHist	Max	Bottom	7.497E-07	4316.8785	1293.4486	43802.7424	20117.3791
9F RF	TH-X Load Case	LinModHist	Min	Top	-7.736E-07	-3677.3654	-1134.8613	-56531.2485	-18451.3467
9F RF	TH-X Load Case	LinModHist	Min	Bottom	-7.699E-07	-3681.7705	-1135.1482	-56533.7034	-22978.2502
9F RF	TH-Y Load Case	LinModHist	Max	Top	8.265E-07	3492.5583	1580.5241	56162.6823	17575.7818
9F RF	TH-Y Load Case	LinModHist	Max	Bottom	8.234E-07	3494.9369	1581.4294	56164.6703	22110.2628
9F RF	TH-Y Load Case	LinModHist	Min	Top	-8.222E-07	-3600.2857	-1311.2152	-57518.932	-22613.3275

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	MX kN-m
9F RF	TH-Y Load Case	LinModHist	Min	Bottom	-8.209E-07	-3598.2356	-1312.4582	-57547.7507	-28146.6557
9F RF	UDCon1	Combination		Top	131373.3308	2.247E-05	7.838E-06	-0.0003	1592079.0871
9F RF	UDCon1	Combination		Bottom	136848.6866	2.245E-05	7.867E-06	-0.0003	1652804.9899
9F RF	UDCon2	Combination		Top	139325.3425	2.436E-05	8.315E-06	-0.0003	1689475.7945
9F RF	UDCon2	Combination		Bottom	144851.4199	2.434E-05	8.345E-06	-0.0003	1750555.4337
9F RF	UDCon3	Combination	Max	Top	98903.9807	4318.2953	1293.3585	43793.4275	1214942.075
9F RF	UDCon3	Combination	Max	Bottom	102969.9441	4316.8785	1293.4486	43802.7421	1263967.4604
9F RF	UDCon3	Combination	Min	Top	98903.9807	-3677.3654	-1134.8612	-56531.2487	1180345.837
9F RF	UDCon3	Combination	Min	Bottom	102969.9441	-3681.7705	-1135.1482	-56533.7036	1220871.8311
9F RF	UDCon4	Combination	Max	Top	98903.9807	3677.3655	1134.8613	56531.2483	1217248.5305
9F RF	UDCon4	Combination	Max	Bottom	102969.9441	3681.7705	1135.1482	56533.7031	1266828.3314
9F RF	UDCon4	Combination	Min	Top	98903.9807	-4318.2952	-1293.3585	-43793.4279	1182652.2926
9F RF	UDCon4	Combination	Min	Bottom	102969.9441	-4316.8785	-1293.4486	-43802.7426	1223732.7022
9F RF	UDCon5	Combination	Max	Top	98903.9807	3492.5583	1580.5241	56162.682	1216372.9656
9F RF	UDCon5	Combination	Max	Bottom	102969.9441	3494.9369	1581.4294	56164.67	1265960.3441
9F RF	UDCon5	Combination	Min	Top	98903.9807	-3600.2856	-1311.2152	-57518.9322	1176183.8563
9F RF	UDCon5	Combination	Min	Bottom	102969.9441	-3598.2356	-1312.4582	-57547.751	1215703.4255
9F RF	UDCon6	Combination	Max	Top	98903.9807	3600.2857	1311.2152	57518.9318	1221410.5113
9F RF	UDCon6	Combination	Max	Bottom	102969.9441	3598.2357	1312.4582	57547.7505	1271996.737
9F RF	UDCon6	Combination	Min	Top	98903.9807	-3492.5583	-1580.5241	-56162.6825	1181221.402
9F RF	UDCon6	Combination	Min	Bottom	102969.9441	-3494.9369	-1581.4294	-56164.6705	1221739.8185
9F RF	UDCon7	Combination	Max	Top	97313.5784	4318.2953	1293.3585	43793.4275	1195462.7335
9F RF	UDCon7	Combination	Max	Bottom	101369.3975	4316.8785	1293.4486	43802.7421	1244417.3716
9F RF	UDCon7	Combination	Min	Top	97313.5784	-3677.3654	-1134.8612	-56531.2487	1160866.4956
9F RF	UDCon7	Combination	Min	Bottom	101369.3975	-3681.7705	-1135.1482	-56533.7036	1201321.7424
9F RF	UDCon8	Combination	Max	Top	97313.5784	3677.3655	1134.8613	56531.2483	1197769.1891
9F RF	UDCon8	Combination	Max	Bottom	101369.3975	3681.7705	1135.1482	56533.7032	1247278.2427
9F RF	UDCon8	Combination	Min	Top	97313.5784	-4318.2952	-1293.3585	-43793.4279	1163172.9511
9F RF	UDCon8	Combination	Min	Bottom	101369.3975	-4316.8785	-1293.4486	-43802.7426	1204182.6134
9F RF	UDCon9	Combination	Max	Top	97313.5784	3492.5583	1580.5241	56162.682	1196893.6241
9F RF	UDCon9	Combination	Max	Bottom	101369.3975	3494.9369	1581.4294	56164.67	1246410.2553
9F RF	UDCon9	Combination	Min	Top	97313.5784	-3600.2856	-1311.2152	-57518.9322	1156704.5148
9F RF	UDCon9	Combination	Min	Bottom	101369.3975	-3598.2356	-1312.4582	-57547.751	1196153.3368
9F RF	UDCon10	Combination	Max	Top	97313.5784	3600.2857	1311.2152	57518.9318	1201931.1698
9F RF	UDCon10	Combination	Max	Bottom	101369.3975	3598.2357	1312.4582	57547.7505	1252446.6483
9F RF	UDCon10	Combination	Min	Top	97313.5784	-3492.5583	-1580.5241	-56162.6825	1161742.0605
9F RF	UDCon10	Combination	Min	Bottom	101369.3975	-3494.9369	-1581.4294	-56164.6705	1202189.7297
8F RF	Dead	LinStatic		Top	50928.7194	6.423E-06	2.79E-06	-0.0001	619091.3811
8F RF	Dead	LinStatic		Bottom	52639.0191	6.42E-06	2.766E-06	-0.0001	638347.7672
8F RF	Live	LinStatic		Top	5968.2355	9.391E-07	0	-1.399E-05	73077.0085
8F RF	Live	LinStatic		Bottom	6002.05	9.388E-07	0	-1.403E-05	73312.8329
8F RF	FF	LinStatic		Top	31645.9194	2.983E-06	1.558E-06	-4.64E-05	383148.4011
8F RF	FF	LinStatic		Bottom	32821.0191	2.982E-06	1.543E-06	-4.67E-05	396024.3872
8F RF	PW	LinStatic		Top	27410.1144	2.512E-06	1.339E-06	-3.91E-05	330115.5591
8F RF	PW	LinStatic		Bottom	28580.5341	2.511E-06	1.326E-06	-3.937E-05	342965.3372

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	MX kN-m
8F RF	Earthquake+x	LinStatic		Top	0	-3417.6496	1.348E-06	43283.8121	-4.934E-05
8F RF	Earthquake+x	LinStatic		Bottom	0	-3421.29	1.348E-06	43305.4775	-0.0001
8F RF	Earthquake+y	LinStatic		Top	-2.169E-06	-3.201E-06	-3417.6495	-56348.3644	53353.8053
8F RF	Earthquake+y	LinStatic		Bottom	-2.191E-06	-3.199E-06	-3421.2899	-56418.2365	65321.5853
8F RF	TH-X Load Case	LinModHist	Max	Top	8.084E-07	4198.6381	1373.8043	47782.6936	20117.3791
8F RF	TH-X Load Case	LinModHist	Max	Bottom	8.133E-07	4196.2151	1373.5192	47815.609	24329.3914
8F RF	TH-X Load Case	LinModHist	Min	Top	-9.426E-07	-3975.4255	-1219.9821	-57610.169	-22978.2502
8F RF	TH-X Load Case	LinModHist	Min	Bottom	-9.451E-07	-3979.0814	-1221.1527	-57601.3664	-27786.0947
8F RF	TH-Y Load Case	LinModHist	Max	Top	1.003E-06	3661.4601	1671.1078	55625.5784	22110.2628
8F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.006E-06	3663.334	1671.6012	55618.309	27002.3899
8F RF	TH-Y Load Case	LinModHist	Min	Top	-9.353E-07	-3492.586	-1499.2631	-59654.7477	-28146.6557
8F RF	TH-Y Load Case	LinModHist	Min	Bottom	-9.432E-07	-3491.4793	-1502.3539	-59672.3357	-33996.3473
8F RF	UDCon1	Combination		Top	148479.4167	1.609E-05	7.677E-06	-0.0002	1798679.7109
8F RF	UDCon1	Combination		Bottom	153954.7724	1.608E-05	7.607E-06	-0.0002	1859405.6137
8F RF	UDCon2	Combination		Top	157431.77	1.75E-05	8.136E-06	-0.0003	1908295.2237
8F RF	UDCon2	Combination		Bottom	162957.8474	1.749E-05	8.063E-06	-0.0003	1969374.8629
8F RF	UDCon3	Combination	Max	Top	111775.2237	4198.6381	1373.8043	47782.6934	1374395.823
8F RF	UDCon3	Combination	Max	Bottom	115841.1872	4196.2151	1373.5192	47815.6088	1423660.7329
8F RF	UDCon3	Combination	Min	Top	111775.2237	-3975.4255	-1219.9821	-57610.1691	1331300.1938
8F RF	UDCon3	Combination	Min	Bottom	115841.1872	-3979.0813	-1221.1527	-57601.3666	1371545.2468
8F RF	UDCon4	Combination	Max	Top	111775.2237	3975.4255	1219.9821	57610.1688	1377256.6941
8F RF	UDCon4	Combination	Max	Bottom	115841.1872	3979.0814	1221.1527	57601.3662	1427117.4361
8F RF	UDCon4	Combination	Min	Top	111775.2237	-4198.6381	-1373.8043	-47782.6938	1334161.0649
8F RF	UDCon4	Combination	Min	Bottom	115841.1872	-4196.2151	-1373.5192	-47815.6092	1375001.95
8F RF	UDCon5	Combination	Max	Top	111775.2237	3661.4601	1671.1078	55625.5782	1376388.7067
8F RF	UDCon5	Combination	Max	Bottom	115841.1872	3663.334	1671.6013	55618.3088	1426333.7313
8F RF	UDCon5	Combination	Min	Top	111775.2237	-3492.586	-1499.2631	-59654.7479	1326131.7882
8F RF	UDCon5	Combination	Min	Bottom	115841.1872	-3491.4793	-1502.3539	-59672.3359	1365334.9942
8F RF	UDCon6	Combination	Max	Top	111775.2237	3492.586	1499.2631	59654.7475	1382425.0997
8F RF	UDCon6	Combination	Max	Bottom	115841.1872	3491.4793	1502.3539	59672.3355	1433327.6887
8F RF	UDCon6	Combination	Min	Top	111775.2237	-3661.4601	-1671.1078	-55625.5785	1332168.1812
8F RF	UDCon6	Combination	Min	Bottom	115841.1872	-3663.334	-1671.6012	-55618.3092	1372328.9516
8F RF	UDCon7	Combination	Max	Top	109984.7531	4198.6381	1373.8043	47782.6934	1352472.7205
8F RF	UDCon7	Combination	Max	Bottom	114040.5722	4196.2151	1373.5192	47815.6088	1401666.883
8F RF	UDCon7	Combination	Min	Top	109984.7531	-3975.4255	-1219.9821	-57610.1691	1309377.0912
8F RF	UDCon7	Combination	Min	Bottom	114040.5722	-3979.0813	-1221.1527	-57601.3666	1349551.3969
8F RF	UDCon8	Combination	Max	Top	109984.7531	3975.4255	1219.9821	57610.1688	1355333.5916
8F RF	UDCon8	Combination	Max	Bottom	114040.5722	3979.0814	1221.1527	57601.3662	1405123.5863
8F RF	UDCon8	Combination	Min	Top	109984.7531	-4198.6381	-1373.8043	-47782.6938	1312237.9623
8F RF	UDCon8	Combination	Min	Bottom	114040.5722	-4196.2151	-1373.5192	-47815.6092	1353008.1002
8F RF	UDCon9	Combination	Max	Top	109984.7531	3661.4601	1671.1078	55625.5782	1354465.6042
8F RF	UDCon9	Combination	Max	Bottom	114040.5722	3663.334	1671.6013	55618.3089	1404339.8815
8F RF	UDCon9	Combination	Min	Top	109984.7531	-3492.586	-1499.2631	-59654.7479	1304208.6857
8F RF	UDCon9	Combination	Min	Bottom	114040.5722	-3491.4793	-1502.3539	-59672.3359	1343341.1443
8F RF	UDCon10	Combination	Max	Top	109984.7531	3492.586	1499.2631	59654.7475	1360501.9971

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	MX kN-m
8F RF	UDCon10	Combination	Max	Bottom	114040.5722	3491.4793	1502.3539	59672.3355	1411333.8389
8F RF	UDCon10	Combination	Min	Top	109984.7531	-3661.4601	-1671.1078	-55625.5785	1310245.0786
8F RF	UDCon10	Combination	Min	Bottom	114040.5722	-3663.334	-1671.6012	-55618.3092	1350335.1017
7F RF	Dead	LinStatic		Top	56777.4993	4.137E-06	3.616E-06	-0.0001	690018.9108
7F RF	Dead	LinStatic		Bottom	58487.7989	4.131E-06	3.677E-06	-0.0001	709275.2969
7F RF	Live	LinStatic		Top	6635.13	6.535E-07	0	-9.805E-06	81222.8789
7F RF	Live	LinStatic		Bottom	6668.9444	6.529E-07	0	-9.691E-06	81458.7032
7F RF	FF	LinStatic		Top	35292.6993	1.855E-06	2.025E-06	-2.901E-05	427151.1108
7F RF	FF	LinStatic		Bottom	36467.7989	1.852E-06	2.063E-06	-2.824E-05	440027.0969
7F RF	PW	LinStatic		Top	30585.7293	1.514E-06	1.738E-06	-2.369E-05	368222.8188
7F RF	PW	LinStatic		Bottom	31756.1489	1.511E-06	1.774E-06	-2.298E-05	381072.5969
7F RF	Earthquake+x	LinStatic		Top	0	-3645.8365	2.348E-06	46216.9217	-0.0001
7F RF	Earthquake+x	LinStatic		Bottom	0	-3649.0218	2.353E-06	46235.8789	-0.0001
7F RF	Earthquake+y	LinStatic		Top	-2.418E-06	-1.476E-06	-3645.8364	-60191.3927	65321.5853
7F RF	Earthquake+y	LinStatic		Bottom	-2.316E-06	-1.471E-06	-3649.0218	-60252.5308	78087.2687
7F RF	TH-X Load Case	LinModHist	Max	Top	9.669E-07	4208.1259	1451.8528	51431.1566	24329.3914
7F RF	TH-X Load Case	LinModHist	Max	Bottom	9.428E-07	4209.2394	1452.6424	51460.3683	28734.725
7F RF	TH-X Load Case	LinModHist	Min	Top	-1.061E-06	-4233.2193	-1344.2177	-57019.8653	-27786.0947
7F RF	TH-X Load Case	LinModHist	Min	Bottom	-1.03E-06	-4237.9259	-1345.2988	-57000.0806	-32833.0283
7F RF	TH-Y Load Case	LinModHist	Max	Top	1.131E-06	3797.7688	1741.291	54232.4952	27002.3899
7F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.1E-06	3799.9684	1741.4008	54246.1857	32416.9383
7F RF	TH-Y Load Case	LinModHist	Min	Top	-1.061E-06	-3744.9112	-1688.9678	-60669.1112	-33996.3473
7F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1.025E-06	-3748.9956	-1692.2342	-60675.789	-40091.047
7F RF	UDCon1	Combination		Top	165585.5025	1.013E-05	9.961E-06	-0.0002	2005280.3346
7F RF	UDCon1	Combination		Bottom	171060.8582	1.012E-05	1.014E-05	-0.0002	2066006.2374
7F RF	UDCon2	Combination		Top	175538.1975	1.111E-05	1.056E-05	-0.0002	2127114.6529
7F RF	UDCon2	Combination		Bottom	181064.2749	1.11E-05	1.075E-05	-0.0002	2188194.2922
7F RF	UDCon3	Combination	Max	Top	124646.4668	4208.1259	1451.8528	51431.1565	1534089.0956
7F RF	UDCon3	Combination	Max	Bottom	128712.4302	4209.2394	1452.6424	51460.3682	1583547.3267
7F RF	UDCon3	Combination	Min	Top	124646.4668	-4233.2192	-1344.2177	-57019.8655	1481973.6095
7F RF	UDCon3	Combination	Min	Bottom	128712.4302	-4237.9259	-1345.2988	-57000.0807	1521979.5734
7F RF	UDCon4	Combination	Max	Top	124646.4668	4233.2193	1344.2177	57019.8652	1537545.7988
7F RF	UDCon4	Combination	Max	Bottom	128712.4302	4237.9259	1345.2988	57000.0805	1587645.6299
7F RF	UDCon4	Combination	Min	Top	124646.4668	-4208.1259	-1451.8528	-51431.1567	1485430.3127
7F RF	UDCon4	Combination	Min	Bottom	128712.4302	-4209.2394	-1452.6424	-51460.3684	1526077.8766
7F RF	UDCon5	Combination	Max	Top	124646.4668	3797.7689	1741.291	54232.4951	1536762.094
7F RF	UDCon5	Combination	Max	Bottom	128712.4302	3799.9684	1741.4008	54246.1856	1587229.54
7F RF	UDCon5	Combination	Min	Top	124646.4668	-3744.9112	-1688.9678	-60669.1113	1475763.3568
7F RF	UDCon5	Combination	Min	Bottom	128712.4302	-3748.9956	-1692.2341	-60675.7891	1514721.5546
7F RF	UDCon6	Combination	Max	Top	124646.4668	3744.9112	1688.9678	60669.1111	1543756.0514
7F RF	UDCon6	Combination	Max	Bottom	128712.4302	3748.9956	1692.2342	60675.7889	1594903.6486
7F RF	UDCon6	Combination	Min	Top	124646.4668	-3797.7688	-1741.291	-54232.4954	1482757.3143
7F RF	UDCon6	Combination	Min	Bottom	128712.4302	-3799.9684	-1741.4008	-54246.1858	1522395.6633
7F RF	UDCon7	Combination	Max	Top	122655.9278	4208.1259	1451.8528	51431.1565	1509722.2319
7F RF	UDCon7	Combination	Max	Bottom	126711.7468	4209.2394	1452.6424	51460.3682	1559109.7157

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	MX kN-m
7F RF	UDCon7	Combination	Min	Top	122655.9278	-4233.2192	-1344.2177	-57019.8655	1457606.7458
7F RF	UDCon7	Combination	Min	Bottom	126711.7468	-4237.9259	-1345.2988	-57000.0807	1497541.9624
7F RF	UDCon8	Combination	Max	Top	122655.9278	4233.2193	1344.2177	57019.8652	1513178.9352
7F RF	UDCon8	Combination	Max	Bottom	126711.7468	4237.9259	1345.2988	57000.0805	1563208.0189
7F RF	UDCon8	Combination	Min	Top	122655.9278	-4208.1259	-1451.8528	-51431.1567	1461063.449
7F RF	UDCon8	Combination	Min	Bottom	126711.7468	-4209.2394	-1452.6424	-51460.3684	1501640.2656
7F RF	UDCon9	Combination	Max	Top	122655.9278	3797.7688	1741.291	54232.4951	1512395.2303
7F RF	UDCon9	Combination	Max	Bottom	126711.7468	3799.9684	1741.4008	54246.1856	1562791.929
7F RF	UDCon9	Combination	Min	Top	122655.9278	-3744.9112	-1688.9678	-60669.1113	1451396.4932
7F RF	UDCon9	Combination	Min	Bottom	126711.7468	-3748.9956	-1692.2341	-60675.7891	1490283.9437
7F RF	UDCon10	Combination	Max	Top	122655.9278	3744.9112	1688.9678	60669.1111	1519389.1878
7F RF	UDCon10	Combination	Max	Bottom	126711.7468	3748.9956	1692.2342	60675.7889	1570466.0377
7F RF	UDCon10	Combination	Min	Top	122655.9278	-3797.7688	-1741.291	-54232.4954	1458390.4506
7F RF	UDCon10	Combination	Min	Bottom	126711.7468	-3799.9684	-1741.4008	-54246.1858	1497958.0523
6F RF	Dead	LinStatic		Top	62626.2792	2.43E-06	4.35E-06	-3.451E-05	760946.4405
6F RF	Dead	LinStatic		Bottom	64336.5788	2.429E-06	4.408E-06	-3.338E-05	780202.8266
6F RF	Live	LinStatic		Top	7302.0244	0	0	-6.51E-06	89368.7492
6F RF	Live	LinStatic		Bottom	7335.8389	0	0	-6.404E-06	89604.5735
6F RF	FF	LinStatic		Top	38939.4792	9.714E-07	2.449E-06	-1.31E-05	471153.8205
6F RF	FF	LinStatic		Bottom	40114.5788	9.705E-07	2.485E-06	-1.239E-05	484029.8066
6F RF	PW	LinStatic		Top	33761.3442	7.268E-07	2.105E-06	-9.497E-06	406330.0785
6F RF	PW	LinStatic		Bottom	34931.7638	7.259E-07	2.138E-06	-8.838E-06	419179.8566
6F RF	Earthquake+x	LinStatic		Top	0	-3841.4903	3.162E-06	48731.4026	-0.0001
6F RF	Earthquake+x	LinStatic		Bottom	0	-3844.2206	3.172E-06	48747.6516	-0.0001
6F RF	Earthquake+y	LinStatic		Top	-2.542E-06	0	-3841.4902	-63486.6646	78087.2687
6F RF	Earthquake+y	LinStatic		Bottom	-2.396E-06	0	-3844.2206	-63539.0687	91536.9896
6F RF	TH-X Load Case	LinModHist	Max	Top	1.029E-06	4695.2554	1560.6028	55758.6079	28734.725
6F RF	TH-X Load Case	LinModHist	Max	Bottom	9.945E-07	4701.6247	1561.1399	55796.3814	33293.3156
6F RF	TH-X Load Case	LinModHist	Min	Top	-1.1E-06	-4541.0077	-1472.1909	-59659.1039	-32833.0283
6F RF	TH-X Load Case	LinModHist	Min	Bottom	-1.059E-06	-4544.2863	-1474.753	-59726.1751	-38087.576
6F RF	TH-Y Load Case	LinModHist	Max	Top	1.17E-06	3955.6559	1797.9725	55383.7294	32416.9383
6F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.125E-06	3957.4808	1798.9697	55428.8405	38387.1757
6F RF	TH-Y Load Case	LinModHist	Min	Top	-1.12E-06	-4074.171	-1873.2503	-60639.6073	-40091.047
6F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1.068E-06	-4077.7035	-1876.6057	-60636.0027	-46367.479
6F RF	UDCon1	Combination		Top	182691.5883	5.573E-06	1.202E-05	-0.0001	2211880.9584
6F RF	UDCon1	Combination		Bottom	188166.9441	5.569E-06	1.219E-05	-0.0001	2272606.8611
6F RF	UDCon2	Combination		Top	193644.6249	6.254E-06	1.273E-05	-0.0001	2345934.0821
6F RF	UDCon2	Combination		Bottom	199170.7024	6.249E-06	1.291E-05	-0.0001	2407013.7214
6F RF	UDCon3	Combination	Max	Top	137517.7098	4695.2554	1560.6029	55758.6079	1693975.6893
6F RF	UDCon3	Combination	Max	Bottom	141583.6732	4701.6247	1561.1399	55796.3813	1743587.1774
6F RF	UDCon3	Combination	Min	Top	137517.7098	-4541.0077	-1472.1909	-59659.1039	1632407.936
6F RF	UDCon3	Combination	Min	Bottom	141583.6732	-4544.2863	-1474.753	-59726.1751	1672206.2858
6F RF	UDCon4	Combination	Max	Top	137517.7098	4541.0077	1472.191	59659.1038	1698073.9925
6F RF	UDCon4	Combination	Max	Bottom	141583.6732	4544.2863	1474.753	59726.175	1748381.4377
6F RF	UDCon4	Combination	Min	Top	137517.7098	-4695.2554	-1560.6028	-55758.608	1636506.2392

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	MX kN-m
6F RF	UDCon4	Combination	Min	Bottom	141583.6732	-4701.6247	-1561.1399	-55796.3814	1677000.5462
6F RF	UDCon5	Combination	Max	Top	137517.7098	3955.6559	1797.9725	55383.7293	1697657.9026
6F RF	UDCon5	Combination	Max	Bottom	141583.6732	3957.4808	1798.9697	55428.8405	1748681.0375
6F RF	UDCon5	Combination	Min	Top	137517.7098	-4074.171	-1873.2503	-60639.6074	1625149.9173
6F RF	UDCon5	Combination	Min	Bottom	141583.6732	-4077.7035	-1876.6056	-60636.0028	1663926.3828
6F RF	UDCon6	Combination	Max	Top	137517.7098	4074.171	1873.2503	60639.6073	1705332.0113
6F RF	UDCon6	Combination	Max	Bottom	141583.6732	4077.7035	1876.6057	60636.0026	1756661.3407
6F RF	UDCon6	Combination	Min	Top	137517.7098	-3955.6559	-1797.9724	-55383.7294	1632824.0259
6F RF	UDCon6	Combination	Min	Bottom	141583.6732	-3957.4808	-1798.9697	-55428.8406	1671906.6861
6F RF	UDCon7	Combination	Max	Top	135327.1025	4695.2554	1560.6029	55758.6079	1667165.0646
6F RF	UDCon7	Combination	Max	Bottom	139382.9215	4701.6247	1561.1399	55796.3813	1716705.8053
6F RF	UDCon7	Combination	Min	Top	135327.1025	-4541.0077	-1472.1909	-59659.1039	1605597.3113
6F RF	UDCon7	Combination	Min	Bottom	139382.9215	-4544.2863	-1474.753	-59726.1751	1645324.9138
6F RF	UDCon8	Combination	Max	Top	135327.1025	4541.0077	1472.191	59659.1038	1671263.3678
6F RF	UDCon8	Combination	Max	Bottom	139382.9215	4544.2863	1474.753	59726.175	1721500.0657
6F RF	UDCon8	Combination	Min	Top	135327.1025	-4695.2554	-1560.6028	-55758.608	1609695.6145
6F RF	UDCon8	Combination	Min	Bottom	139382.9215	-4701.6247	-1561.1399	-55796.3814	1650119.1741
6F RF	UDCon9	Combination	Max	Top	135327.1025	3955.6559	1797.9725	55383.7293	1670847.2779
6F RF	UDCon9	Combination	Max	Bottom	139382.9215	3957.4808	1798.9697	55428.8405	1721799.6654
6F RF	UDCon9	Combination	Min	Top	135327.1025	-4074.171	-1873.2503	-60639.6074	1598339.2925
6F RF	UDCon9	Combination	Min	Bottom	139382.9215	-4077.7035	-1876.6057	-60636.0028	1637045.0108
6F RF	UDCon10	Combination	Max	Top	135327.1025	4074.171	1873.2503	60639.6073	1678521.3865
6F RF	UDCon10	Combination	Max	Bottom	139382.9215	4077.7035	1876.6057	60636.0026	1729779.9687
6F RF	UDCon10	Combination	Min	Top	135327.1025	-3955.6559	-1797.9724	-55383.7294	1606013.4012
6F RF	UDCon10	Combination	Min	Bottom	139382.9215	-3957.4808	-1798.9697	-55428.8406	1645025.314
5F RF	Dead	LinStatic		Top	68475.059	3.128E-06	4.35E-06	-4.457E-05	831873.9702
5F RF	Dead	LinStatic		Bottom	70185.3587	3.127E-06	4.434E-06	-4.294E-05	851130.3563
5F RF	Live	LinStatic		Top	7968.9189	5.335E-07	0	-7.727E-06	97514.6195
5F RF	Live	LinStatic		Bottom	8002.7333	5.334E-07	0	-7.563E-06	97750.4438
5F RF	FF	LinStatic		Top	42586.259	1.328E-06	2.472E-06	-1.81E-05	515156.5302
5F RF	FF	LinStatic		Bottom	43761.3587	1.328E-06	2.522E-06	-1.713E-05	528032.5163
5F RF	PW	LinStatic		Top	36936.959	1.048E-06	2.146E-06	-1.38E-05	444437.3382
5F RF	PW	LinStatic		Bottom	38107.3787	1.047E-06	2.191E-06	-1.291E-05	457287.1163
5F RF	Earthquake+x	LinStatic		Top	0	-4004.6109	2.199E-06	50827.2549	-0.0001
5F RF	Earthquake+x	LinStatic		Bottom	0	-4006.8862	2.199E-06	50840.7957	-0.0001
5F RF	Earthquake+y	LinStatic		Top	-2.502E-06	-8.169E-07	-4004.6109	-66234.1802	91536.9896
5F RF	Earthquake+y	LinStatic		Bottom	-2.469E-06	-8.153E-07	-4006.8862	-66277.8503	105556.8819
5F RF	TH-X Load Case	LinModHist	Max	Top	1.144E-06	5193.1192	1660.5801	59262.5905	33293.3156
5F RF	TH-X Load Case	LinModHist	Max	Bottom	1.137E-06	5198.024	1660.8564	59293.0123	37970.8925
5F RF	TH-X Load Case	LinModHist	Min	Top	-1.128E-06	-4746.1455	-1637.658	-67604.3772	-38087.576
5F RF	TH-X Load Case	LinModHist	Min	Bottom	-1.119E-06	-4747.9115	-1640.27	-67665.1423	-43527.8339
5F RF	TH-Y Load Case	LinModHist	Max	Top	1.211E-06	4078.3848	1889.0946	59454.3213	38387.1757
5F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.202E-06	4079.8711	1890.0751	59492.7733	44829.924
5F RF	TH-Y Load Case	LinModHist	Min	Top	-1.156E-06	-4360.1798	-2049.1719	-59664.0941	-46367.479
5F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1.145E-06	-4363.0995	-2052.5359	-59651.1509	-52770.5715

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	MX kN-m
5F RF	UDCon1	Combination		Top	199797.6741	7.431E-06	1.211E-05	-0.0001	2418481.5821
5F RF	UDCon1	Combination		Bottom	205273.0299	7.428E-06	1.235E-05	-0.0001	2479207.4848
5F RF	UDCon2	Combination		Top	211751.0524	8.231E-06	1.281E-05	-0.0001	2564753.5113
5F RF	UDCon2	Combination		Bottom	217277.1298	8.228E-06	1.307E-05	-0.0001	2625833.1505
5F RF	UDCon3	Combination	Max	Top	150388.9528	5193.1192	1660.5801	59262.5904	1854015.54
5F RF	UDCon3	Combination	Max	Bottom	154454.9162	5198.024	1660.8564	59293.0123	1903746.0144
5F RF	UDCon3	Combination	Min	Top	150388.9528	-4746.1454	-1637.658	-67604.3773	1782634.6485
5F RF	UDCon3	Combination	Min	Bottom	154454.9162	-4747.9115	-1640.27	-67665.1423	1822247.288
5F RF	UDCon4	Combination	Max	Top	150388.9528	4746.1455	1637.658	67604.3772	1858809.8004
5F RF	UDCon4	Combination	Max	Bottom	154454.9162	4747.9115	1640.27	67665.1422	1909302.9558
5F RF	UDCon4	Combination	Min	Top	150388.9528	-5193.1192	-1660.5801	-59262.5905	1787428.9088
5F RF	UDCon4	Combination	Min	Bottom	154454.9162	-5198.024	-1660.8564	-59293.0124	1827804.2294
5F RF	UDCon5	Combination	Max	Top	150388.9528	4078.3848	1889.0946	59454.3212	1859109.4001
5F RF	UDCon5	Combination	Max	Bottom	154454.9162	4079.8711	1890.0751	59492.7732	1910605.0459
5F RF	UDCon5	Combination	Min	Top	150388.9528	-4360.1798	-2049.1718	-59664.0942	1774354.7455
5F RF	UDCon5	Combination	Min	Bottom	154454.9162	-4363.0995	-2052.5358	-59651.1509	1813004.5504
5F RF	UDCon6	Combination	Max	Top	150388.9528	4360.1798	2049.1719	59664.094	1867089.7034
5F RF	UDCon6	Combination	Max	Bottom	154454.9162	4363.0995	2052.5359	59651.1508	1918545.6934
5F RF	UDCon6	Combination	Min	Top	150388.9528	-4078.3848	-1889.0946	-59454.3214	1782335.0487
5F RF	UDCon6	Combination	Min	Bottom	154454.9162	-4079.8711	-1890.075	-59492.7734	1820945.1979
5F RF	UDCon7	Combination	Max	Top	147998.2771	5193.1192	1660.5801	59262.5904	1824761.1542
5F RF	UDCon7	Combination	Max	Bottom	152054.0962	5198.024	1660.8564	59293.0123	1874420.8813
5F RF	UDCon7	Combination	Min	Top	147998.2771	-4746.1454	-1637.658	-67604.3773	1753380.2626
5F RF	UDCon7	Combination	Min	Bottom	152054.0962	-4747.9115	-1640.27	-67665.1423	1792922.1548
5F RF	UDCon8	Combination	Max	Top	147998.2771	4746.1455	1637.658	67604.3772	1829555.4145
5F RF	UDCon8	Combination	Max	Bottom	152054.0962	4747.9115	1640.27	67665.1422	1879977.8227
5F RF	UDCon8	Combination	Min	Top	147998.2771	-5193.1192	-1660.5801	-59262.5905	1758174.523
5F RF	UDCon8	Combination	Min	Bottom	152054.0962	-5198.024	-1660.8564	-59293.0124	1798479.0962
5F RF	UDCon9	Combination	Max	Top	147998.2771	4078.3848	1889.0946	59454.3212	1829855.0143
5F RF	UDCon9	Combination	Max	Bottom	152054.0962	4079.8711	1890.0751	59492.7732	1881279.9128
5F RF	UDCon9	Combination	Min	Top	147998.2771	-4360.1798	-2049.1718	-59664.0942	1745100.3596
5F RF	UDCon9	Combination	Min	Bottom	152054.0962	-4363.0995	-2052.5358	-59651.1509	1783679.4173
5F RF	UDCon10	Combination	Max	Top	147998.2771	4360.1798	2049.1719	59664.094	1837835.3175
5F RF	UDCon10	Combination	Max	Bottom	152054.0962	4363.0995	2052.5359	59651.1508	1889220.5602
5F RF	UDCon10	Combination	Min	Top	147998.2771	-4078.3848	-1889.0946	-59454.3214	1753080.6629
5F RF	UDCon10	Combination	Min	Bottom	152054.0962	-4079.8711	-1890.075	-59492.7734	1791620.0647
4F RF	Dead	LinStatic		Top	74323.8389	3.57E-06	4.53E-06	-0.0001	902801.4999
4F RF	Dead	LinStatic		Bottom	76034.1386	3.567E-06	4.579E-06	-4.934E-05	922057.886
4F RF	Live	LinStatic		Top	8635.8133	5.838E-07	0	-8.411E-06	105660.4898
4F RF	Live	LinStatic		Bottom	8669.6278	5.835E-07	0	-8.313E-06	105896.3141
4F RF	FF	LinStatic		Top	46233.0389	1.51E-06	2.581E-06	-2.023E-05	559159.2399
4F RF	FF	LinStatic		Bottom	47408.1386	1.508E-06	2.611E-06	-1.967E-05	572035.226
4F RF	PW	LinStatic		Top	40112.5739	1.223E-06	2.245E-06	-1.584E-05	482544.5979
4F RF	PW	LinStatic		Bottom	41282.9936	1.222E-06	2.272E-06	-1.533E-05	495394.376
4F RF	Earthquake+x	LinStatic		Top	0	-4135.1985	2.185E-06	52504.4784	-0.0001

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	MX kN-m
4F RF	Earthquake+x	LinStatic		Bottom	0	-4137.0187	2.188E-06	52515.311	-0.0001
4F RF	Earthquake+y	LinStatic		Top	-2.486E-06	-1.55E-06	-4135.1985	-68433.9395	105556.8819
4F RF	Earthquake+y	LinStatic		Bottom	-2.431E-06	-1.547E-06	-4137.0187	-68468.8756	120033.0799
4F RF	TH-X Load Case	LinModHist	Max	Top	1.156E-06	5591.6236	1772.2845	61604.3781	37970.8925
4F RF	TH-X Load Case	LinModHist	Max	Bottom	1.141E-06	5594.9651	1774.0191	61627.2291	42738.7307
4F RF	TH-X Load Case	LinModHist	Min	Top	-1.158E-06	-4845.5882	-1800.3369	-74525.4669	-43527.8339
4F RF	TH-X Load Case	LinModHist	Min	Bottom	-1.14E-06	-4845.8735	-1802.9308	-74578.8483	-49140.1144
4F RF	TH-Y Load Case	LinModHist	Max	Top	1.272E-06	4169.8002	1995.6787	62861.4659	44829.924
4F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.251E-06	4170.9888	1998.3714	62898.3169	51863.887
4F RF	TH-Y Load Case	LinModHist	Min	Top	-1.165E-06	-4599.31	-2214.2398	-64232.928	-52770.5715
4F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1.144E-06	-4601.5926	-2217.5467	-64275.0729	-59253.3989
4F RF	UDCon1	Combination		Top	216903.76	8.509E-06	1.263E-05	-0.0001	2625082.2059
4F RF	UDCon1	Combination		Bottom	222379.1157	8.501E-06	1.277E-05	-0.0001	2685808.1086
4F RF	UDCon2	Combination		Top	229857.4799	9.385E-06	1.336E-05	-0.0001	2783572.9406
4F RF	UDCon2	Combination		Bottom	235383.5573	9.376E-06	1.351E-05	-0.0001	2844652.5798
4F RF	UDCon3	Combination	Max	Top	163260.1958	5591.6236	1772.2845	61604.378	2014174.3772
4F RF	UDCon3	Combination	Max	Bottom	167326.1592	5594.9651	1774.0191	61627.229	2063995.1128
4F RF	UDCon3	Combination	Min	Top	163260.1958	-4845.5882	-1800.3369	-74525.4669	1932675.6507
4F RF	UDCon3	Combination	Min	Bottom	167326.1592	-4845.8735	-1802.9308	-74578.8484	1972116.2677
4F RF	UDCon4	Combination	Max	Top	163260.1958	4845.5882	1800.3369	74525.4668	2019731.3186
4F RF	UDCon4	Combination	Max	Bottom	167326.1592	4845.8735	1802.9308	74578.8482	2070396.4966
4F RF	UDCon4	Combination	Min	Top	163260.1958	-5591.6236	-1772.2845	-61604.3782	1938232.5921
4F RF	UDCon4	Combination	Min	Bottom	167326.1592	-5594.9651	-1774.0191	-61627.2291	1978517.6515
4F RF	UDCon5	Combination	Max	Top	163260.1958	4169.8002	1995.6787	62861.4658	2021033.4087
4F RF	UDCon5	Combination	Max	Bottom	167326.1592	4170.9888	1998.3714	62898.3168	2073120.2691
4F RF	UDCon5	Combination	Min	Top	163260.1958	-4599.31	-2214.2398	-64232.9281	1923432.9132
4F RF	UDCon5	Combination	Min	Bottom	167326.1592	-4601.5926	-2217.5467	-64275.073	1962002.9832
4F RF	UDCon6	Combination	Max	Top	163260.1958	4599.31	2214.2398	64232.9279	2028974.0561
4F RF	UDCon6	Combination	Max	Bottom	167326.1592	4601.5926	2217.5467	64275.0728	2080509.781
4F RF	UDCon6	Combination	Min	Top	163260.1958	-4169.8002	-1995.6786	-62861.466	1931373.5606
4F RF	UDCon6	Combination	Min	Bottom	167326.1592	-4170.9888	-1998.3714	-62898.3169	1969392.4952
4F RF	UDCon7	Combination	Max	Top	160669.4518	5591.6236	1772.2845	61604.378	1982476.2302
4F RF	UDCon7	Combination	Max	Bottom	164725.2709	5594.9651	1774.0191	61627.229	2032226.2185
4F RF	UDCon7	Combination	Min	Top	160669.4518	-4845.5882	-1800.3369	-74525.4669	1900977.5038
4F RF	UDCon7	Combination	Min	Bottom	164725.2709	-4845.8735	-1802.9308	-74578.8484	1940347.3735
4F RF	UDCon8	Combination	Max	Top	160669.4518	4845.5882	1800.3369	74525.4668	1988033.1716
4F RF	UDCon8	Combination	Max	Bottom	164725.2709	4845.8735	1802.9308	74578.8483	2038627.6023
4F RF	UDCon8	Combination	Min	Top	160669.4518	-5591.6236	-1772.2845	-61604.3782	1906534.4452
4F RF	UDCon8	Combination	Min	Bottom	164725.2709	-5594.9651	-1774.0191	-61627.2291	1946748.7572
4F RF	UDCon9	Combination	Max	Top	160669.4518	4169.8002	1995.6787	62861.4658	1989335.2617
4F RF	UDCon9	Combination	Max	Bottom	164725.2709	4170.9888	1998.3714	62898.3168	2041351.3749
4F RF	UDCon9	Combination	Min	Top	160669.4518	-4599.31	-2214.2398	-64232.9281	1891734.7662
4F RF	UDCon9	Combination	Min	Bottom	164725.2709	-4601.5926	-2217.5467	-64275.073	1930234.089
4F RF	UDCon10	Combination	Max	Top	160669.4518	4599.31	2214.2398	64232.9279	1997275.9092
4F RF	UDCon10	Combination	Max	Bottom	164725.2709	4601.5926	2217.5467	64275.0728	2048740.8868

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	MX kN-m
4F RF	UDCon10	Combination	Min	Top	160669.4518	-4169.8002	-1995.6786	-62861.466	1899675.4137
4F RF	UDCon10	Combination	Min	Bottom	164725.2709	-4170.9888	-1998.3714	-62898.3169	1937623.6009
3F RF	Dead	LinStatic		Top	80172.6188	3.457E-06	4.84E-06	-4.569E-05	973729.0296
3F RF	Dead	LinStatic		Bottom	81882.9185	3.455E-06	4.874E-06	-4.503E-05	992985.4157
3F RF	Live	LinStatic		Top	9302.7078	5.732E-07	5.143E-07	-7.998E-06	113806.3601
3F RF	Live	LinStatic		Bottom	9336.5222	5.729E-07	5.177E-07	-7.93E-06	114042.1844
3F RF	FF	LinStatic		Top	49879.8188	1.479E-06	2.766E-06	-1.805E-05	603161.9496
3F RF	FF	LinStatic		Bottom	51054.9185	1.478E-06	2.786E-06	-1.766E-05	616037.9356
3F RF	PW	LinStatic		Top	43288.1888	1.187E-06	2.425E-06	-1.361E-05	520651.8576
3F RF	PW	LinStatic		Bottom	44458.6085	1.186E-06	2.443E-06	-1.326E-05	533501.6356
3F RF	Earthquake+x	LinStatic		Top	0	-4233.2529	8.296E-07	53763.0729	-0.0001
3F RF	Earthquake+x	LinStatic		Bottom	0	-4234.6181	8.358E-07	53771.1974	-0.0001
3F RF	Earthquake+y	LinStatic		Top	-2.635E-06	-1.189E-06	-4233.2529	-70085.9425	120033.0799
3F RF	Earthquake+y	LinStatic		Bottom	-2.571E-06	-1.188E-06	-4234.6181	-70112.1446	134851.7176
3F RF	TH-X Load Case	LinModHist	Max	Top	1.236E-06	5885.596	1882.8621	62830.3853	42738.7307
3F RF	TH-X Load Case	LinModHist	Max	Bottom	1.221E-06	5887.4007	1884.5716	62846.1923	48460.1205
3F RF	TH-X Load Case	LinModHist	Min	Top	-1.232E-06	-4844.5638	-1957.323	-80336.2973	-49140.1144
3F RF	TH-X Load Case	LinModHist	Min	Bottom	-1.213E-06	-4843.5087	-1959.8412	-80382.0803	-54916.9853
3F RF	TH-Y Load Case	LinModHist	Max	Top	1.369E-06	4234.0983	2142.7228	66684.5436	51863.887
3F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.347E-06	4235.0364	2145.4775	66718.1788	60153.2489
3F RF	TH-Y Load Case	LinModHist	Min	Top	-1.244E-06	-4790.7431	-2366.8793	-69498.6353	-59253.3989
3F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1.22E-06	-4792.4043	-2370.082	-69538.5041	-65776.5634
3F RF	UDCon1	Combination		Top	234009.8458	8.267E-06	1.354E-05	-0.0001	2831682.8296
3F RF	UDCon1	Combination		Bottom	239485.2015	8.261E-06	1.364E-05	-0.0001	2892408.7324
3F RF	UDCon2	Combination		Top	247963.9074	9.127E-06	1.431E-05	-0.0001	3002392.3698
3F RF	UDCon2	Combination		Bottom	253489.9848	9.121E-06	1.442E-05	-0.0001	3063472.0091
3F RF	UDCon3	Combination	Max	Top	176131.4388	5885.596	1882.8621	62830.3852	2174423.4755
3F RF	UDCon3	Combination	Max	Bottom	180197.4022	5887.4007	1884.5716	62846.1923	2225197.7628
3F RF	UDCon3	Combination	Min	Top	176131.4388	-4844.5638	-1957.323	-80336.2973	2082544.6304
3F RF	UDCon3	Combination	Min	Bottom	180197.4022	-4843.5087	-1959.8412	-80382.0804	2121820.657
3F RF	UDCon4	Combination	Max	Top	176131.4388	4844.5638	1957.323	80336.2972	2180824.8592
3F RF	UDCon4	Combination	Max	Bottom	180197.4022	4843.5087	1959.8412	80382.0802	2231654.6276
3F RF	UDCon4	Combination	Min	Top	176131.4388	-5885.596	-1882.8621	-62830.3853	2088946.0142
3F RF	UDCon4	Combination	Min	Bottom	180197.4022	-5887.4007	-1884.5716	-62846.1924	2128277.5218
3F RF	UDCon5	Combination	Max	Top	176131.4388	4234.0983	2142.7228	66684.5435	2183548.6318
3F RF	UDCon5	Combination	Max	Bottom	180197.4022	4235.0364	2145.4775	66718.1787	2236890.8912
3F RF	UDCon5	Combination	Min	Top	176131.4388	-4790.7431	-2366.8793	-69498.6354	2072431.3459
3F RF	UDCon5	Combination	Min	Bottom	180197.4022	-4792.4043	-2370.082	-69538.5042	2110961.0789
3F RF	UDCon6	Combination	Max	Top	176131.4388	4790.7431	2366.8793	69498.6352	2190938.1437
3F RF	UDCon6	Combination	Max	Bottom	180197.4022	4792.4043	2370.082	69538.504	2242514.2057
3F RF	UDCon6	Combination	Min	Top	176131.4388	-4234.0983	-2142.7228	-66684.5436	2079820.8578
3F RF	UDCon6	Combination	Min	Bottom	180197.4022	-4235.0364	-2145.4774	-66718.1789	2116584.3934
3F RF	UDCon7	Combination	Max	Top	173340.6265	5885.596	1882.8621	62830.3852	2140281.5674
3F RF	UDCon7	Combination	Max	Bottom	177396.4456	5887.4007	1884.5716	62846.1923	2190985.1074
3F RF	UDCon7	Combination	Min	Top	173340.6265	-4844.5638	-1957.323	-80336.2973	2048402.7223

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	MX kN-m
3F RF	UDCon7	Combination	Min	Bottom	177396.4456	-4843.5087	-1959.8412	-80382.0803	2087608.0017
3F RF	UDCon8	Combination	Max	Top	173340.6265	4844.5638	1957.323	80336.2972	2146682.9512
3F RF	UDCon8	Combination	Max	Bottom	177396.4456	4843.5087	1959.8412	80382.0802	2197441.9723
3F RF	UDCon8	Combination	Min	Top	173340.6265	-5885.596	-1882.8621	-62830.3853	2054804.1061
3F RF	UDCon8	Combination	Min	Bottom	177396.4456	-5887.4007	-1884.5716	-62846.1924	2094064.8665
3F RF	UDCon9	Combination	Max	Top	173340.6265	4234.0983	2142.7228	66684.5435	2149406.7237
3F RF	UDCon9	Combination	Max	Bottom	177396.4456	4235.0364	2145.4775	66718.1787	2202678.2358
3F RF	UDCon9	Combination	Min	Top	173340.6265	-4790.7431	-2366.8793	-69498.6354	2038289.4379
3F RF	UDCon9	Combination	Min	Bottom	177396.4456	-4792.4043	-2370.082	-69538.5042	2076748.4235
3F RF	UDCon10	Combination	Max	Top	173340.6265	4790.7431	2366.8793	69498.6352	2156796.2356
3F RF	UDCon10	Combination	Max	Bottom	177396.4456	4792.4043	2370.082	69538.504	2208301.5504
3F RF	UDCon10	Combination	Min	Top	173340.6265	-4234.0983	-2142.7228	-66684.5436	2045678.9498
3F RF	UDCon10	Combination	Min	Bottom	177396.4456	-4235.0364	-2145.4774	-66718.1789	2082371.7381
2F RF	Dead	LinStatic		Top	85924.9272	3.149E-06	4.89E-06	-3.941E-05	1043233.2734
2F RF	Dead	LinStatic		Bottom	87670.2166	3.149E-06	4.947E-06	-3.831E-05	1062920.0324
2F RF	Live	LinStatic		Top	9969.6022	5.424E-07	5.199E-07	-7.35E-06	121952.2304
2F RF	Live	LinStatic		Bottom	10003.4166	5.424E-07	5.261E-07	-7.233E-06	122188.0548
2F RF	FF	LinStatic		Top	53430.1272	1.318E-06	2.797E-06	-1.456E-05	645741.3734
2F RF	FF	LinStatic		Bottom	54640.2166	1.318E-06	2.83E-06	-1.393E-05	659047.7324
2F RF	PW	LinStatic		Top	46367.3322	1.04E-06	2.451E-06	-1.048E-05	557335.8314
2F RF	PW	LinStatic		Bottom	47572.7416	1.04E-06	2.48E-06	-9.923E-06	570615.9824
2F RF	Earthquake+x	LinStatic		Top	0	-4297.156	1.092E-06	54569.2739	-0.0001
2F RF	Earthquake+x	LinStatic		Bottom	0	-4298.0661	1.095E-06	54574.6902	-0.0001
2F RF	Earthquake+y	LinStatic		Top	-2.762E-06	-9.795E-07	-4297.156	-71165.5238	134851.7176
2F RF	Earthquake+y	LinStatic		Bottom	-2.737E-06	-9.789E-07	-4298.0661	-71182.9918	149893.2653
2F RF	TH-X Load Case	LinModHist	Max	Top	1.318E-06	6213.9389	1983.2401	63055.5497	48460.1205
2F RF	TH-X Load Case	LinModHist	Max	Bottom	1.309E-06	6220.7619	1984.9486	63065.2785	54891.3716
2F RF	TH-X Load Case	LinModHist	Min	Top	-1.263E-06	-4755.7778	-2103.2561	-84906.6333	-54916.9853
2F RF	TH-X Load Case	LinModHist	Min	Bottom	-1.253E-06	-4753.5217	-2105.6649	-84945.482	-60840.6004
2F RF	TH-Y Load Case	LinModHist	Max	Top	1.43E-06	4345.1114	2281.8704	69866.7124	60153.2489
2F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.419E-06	4348.0964	2284.6932	69896.808	68926.7338
2F RF	TH-Y Load Case	LinModHist	Min	Top	-1.326E-06	-4931.5731	-2505.2455	-75238.4735	-65776.5634
2F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1.318E-06	-4932.6245	-2508.3519	-75287.4455	-72300.6075
2F RF	UDCon1	Combination		Top	250725.222	7.434E-06	1.369E-05	-0.0001	3032519.1457
2F RF	UDCon1	Combination		Bottom	256342.2859	7.433E-06	1.385E-05	-0.0001	3094988.0586
2F RF	UDCon2	Combination		Top	265679.6253	8.248E-06	1.447E-05	-0.0001	3215447.4913
2F RF	UDCon2	Combination		Bottom	271347.4109	8.247E-06	1.464E-05	-0.0001	3278270.1407
2F RF	UDCon3	Combination	Max	Top	188713.2673	6213.9389	1983.2401	63055.5496	2331356.2679
2F RF	UDCon3	Combination	Max	Bottom	192884.1997	6220.7619	1984.9486	63065.2785	2384131.5352
2F RF	UDCon3	Combination	Min	Top	188713.2673	-4755.7778	-2103.2561	-84906.6334	2227979.1621
2F RF	UDCon3	Combination	Min	Bottom	192884.1997	-4753.5217	-2105.6649	-84945.4821	2268399.5631
2F RF	UDCon4	Combination	Max	Top	188713.2673	4755.7778	2103.2561	84906.6332	2337813.1327
2F RF	UDCon4	Combination	Max	Bottom	192884.1997	4753.5217	2105.665	84945.482	2390080.7639
2F RF	UDCon4	Combination	Min	Top	188713.2673	-6213.9389	-1983.2401	-63055.5497	2234436.027
2F RF	UDCon4	Combination	Min	Bottom	192884.1997	-6220.7619	-1984.9486	-63065.2786	2274348.7919

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	MX kN-m
2F RF	UDCon5	Combination	Max	Top	188713.2673	4345.1114	2281.8704	69866.7124	2343049.3963
2F RF	UDCon5	Combination	Max	Bottom	192884.1997	4348.0964	2284.6932	69896.8079	2398166.8973
2F RF	UDCon5	Combination	Min	Top	188713.2673	-4931.5731	-2505.2455	-75238.4736	2217119.584
2F RF	UDCon5	Combination	Min	Bottom	192884.1997	-4932.6245	-2508.3519	-75287.4456	2256939.556
2F RF	UDCon6	Combination	Max	Top	188713.2673	4931.5731	2505.2456	75238.4735	2348672.7108
2F RF	UDCon6	Combination	Max	Bottom	192884.1997	4932.6245	2508.3519	75287.4454	2401540.7711
2F RF	UDCon6	Combination	Min	Top	188713.2673	-4345.1114	-2281.8704	-69866.7125	2222742.8985
2F RF	UDCon6	Combination	Min	Bottom	192884.1997	-4348.0964	-2284.6931	-69896.8081	2260313.4298
2F RF	UDCon7	Combination	Max	Top	185722.3867	6213.9389	1983.2401	63055.5496	2294770.5987
2F RF	UDCon7	Combination	Max	Bottom	189883.1748	6220.7619	1984.9486	63065.2785	2347475.1187
2F RF	UDCon7	Combination	Min	Top	185722.3867	-4755.7778	-2103.2561	-84906.6334	2191393.493
2F RF	UDCon7	Combination	Min	Bottom	189883.1747	-4753.5217	-2105.6649	-84945.4821	2231743.1467
2F RF	UDCon8	Combination	Max	Top	185722.3867	4755.7778	2103.2561	84906.6332	2301227.4636
2F RF	UDCon8	Combination	Max	Bottom	189883.1748	4753.5217	2105.665	84945.482	2353424.3475
2F RF	UDCon8	Combination	Min	Top	185722.3867	-6213.9389	-1983.2401	-63055.5497	2197850.3578
2F RF	UDCon8	Combination	Min	Bottom	189883.1747	-6220.7619	-1984.9486	-63065.2786	2237692.3755
2F RF	UDCon9	Combination	Max	Top	185722.3867	4345.1114	2281.8704	69866.7124	2306463.7272
2F RF	UDCon9	Combination	Max	Bottom	189883.1748	4348.0964	2284.6932	69896.8079	2361510.4809
2F RF	UDCon9	Combination	Min	Top	185722.3867	-4931.5731	-2505.2455	-75238.4736	2180533.9149
2F RF	UDCon9	Combination	Min	Bottom	189883.1747	-4932.6245	-2508.3519	-75287.4456	2220283.1396
2F RF	UDCon10	Combination	Max	Top	185722.3867	4931.5731	2505.2456	75238.4735	2312087.0417
2F RF	UDCon10	Combination	Max	Bottom	189883.1748	4932.6245	2508.3519	75287.4454	2364884.3546
2F RF	UDCon10	Combination	Min	Top	185722.3867	-4345.1114	-2281.8704	-69866.7125	2186157.2294
2F RF	UDCon10	Combination	Min	Bottom	189883.1747	-4348.0964	-2284.6931	-69896.8081	2223657.0133
1F RF	Dead	LinStatic		Top	91817.1193	3.152E-06	5.242E-06	-3.439E-05	1114498.6071
1F RF	Dead	LinStatic		Bottom	92961.0238	3.152E-06	5.246E-06	-3.433E-05	1126909.0466
1F RF	Live	LinStatic		Top	10636.4966	5.446E-07	5.566E-07	-6.854E-06	130098.1008
1F RF	Live	LinStatic		Bottom	10670.3111	5.446E-07	5.57E-07	-6.848E-06	130333.9251
1F RF	FF	LinStatic		Top	57120.3193	1.328E-06	2.993E-06	-1.188E-05	690081.8871
1F RF	FF	LinStatic		Bottom	57729.0238	1.328E-06	2.995E-06	-1.184E-05	696111.9265
1F RF	PW	LinStatic		Top	49586.3593	1.047E-06	2.628E-06	-8.049E-06	595780.8951
1F RF	PW	LinStatic		Bottom	50190.3838	1.047E-06	2.63E-06	-8.012E-06	601784.7265
1F RF	Earthquake+x	LinStatic		Top	0	-4327.5085	7.843E-07	54950.9334	-0.0001
1F RF	Earthquake+x	LinStatic		Bottom	0	-4327.9635	7.841E-07	54953.6416	-0.0001
1F RF	Earthquake+y	LinStatic		Top	-2.734E-06	-9.113E-07	-4327.5084	-71679.5426	149893.2653
1F RF	Earthquake+y	LinStatic		Bottom	-2.723E-06	-9.11E-07	-4327.9635	-71688.2766	165040.2957
1F RF	TH-X Load Case	LinModHist	Max	Top	1.333E-06	6641.2492	2073.9823	65644.0445	54891.3716
1F RF	TH-X Load Case	LinModHist	Max	Bottom	1.328E-06	6646.672	2075.0651	65660.5442	62240.7397
1F RF	TH-X Load Case	LinModHist	Min	Top	-1.248E-06	-4739.9499	-2230.9029	-88559.2416	-60840.6004
1F RF	TH-X Load Case	LinModHist	Min	Bottom	-1.242E-06	-4739.6749	-2231.8985	-88610.7353	-66894.3484
1F RF	TH-Y Load Case	LinModHist	Max	Top	1.476E-06	4587.2049	2411.8265	72329.0123	68926.7338
1F RF	TH-Y Load Case	LinModHist	Max	Bottom	1.472E-06	4589.5587	2413.6447	72346.2463	78120.685
1F RF	TH-Y Load Case	LinModHist	Min	Top	-1.344E-06	-5023.8292	-2626.0855	-80082.3941	-72300.6075
1F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1.341E-06	-5024.4917	-2627.6928	-80099.5629	-79267.649
1F RF	UDCon1	Combination		Top	268007.1272	7.462E-06	1.466E-05	-0.0001	3240487.8755

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	MX kN-m
1F RF	UDCon1	Combination		Bottom	271188.5824	7.463E-06	1.468E-05	-0.0001	3273487.6945
1F RF	UDCon2	Combination		Top	283961.8721	8.279E-06	1.55E-05	-0.0001	3435635.0266
1F RF	UDCon2	Combination		Bottom	287194.049	8.279E-06	1.551E-05	-0.0001	3468988.5821
1F RF	UDCon3	Combination	Max	Top	201714.7469	6641.2492	2073.9823	65644.0445	2494282.1911
1F RF	UDCon3	Combination	Max	Bottom	204081.5247	6646.672	2075.0651	65660.5441	2526146.6169
1F RF	UDCon3	Combination	Min	Top	201714.7469	-4739.9499	-2230.9029	-88559.2417	2378550.219
1F RF	UDCon3	Combination	Min	Bottom	204081.5247	-4739.6749	-2231.8985	-88610.7354	2397011.5288
1F RF	UDCon4	Combination	Max	Top	201714.7469	4739.9499	2230.903	88559.2415	2500231.4199
1F RF	UDCon4	Combination	Max	Bottom	204081.5247	4739.6749	2231.8985	88610.7353	2530800.2255
1F RF	UDCon4	Combination	Min	Top	201714.7469	-6641.2492	-2073.9823	-65644.0446	2384499.4478
1F RF	UDCon4	Combination	Min	Bottom	204081.5247	-6646.672	-2075.065	-65660.5442	2401665.1375
1F RF	UDCon5	Combination	Max	Top	201714.7469	4587.2049	2411.8265	72329.0122	2508317.5532
1F RF	UDCon5	Combination	Max	Bottom	204081.5247	4589.5587	2413.6447	72346.2462	2542026.5622
1F RF	UDCon5	Combination	Min	Top	201714.7469	-5023.8292	-2626.0855	-80082.3941	2367090.2119
1F RF	UDCon5	Combination	Min	Bottom	204081.5247	-5024.4917	-2627.6928	-80099.5629	2384638.2282
1F RF	UDCon6	Combination	Max	Top	201714.7469	5023.8292	2626.0855	80082.394	2511691.427
1F RF	UDCon6	Combination	Max	Bottom	204081.5247	5024.4917	2627.6928	80099.5628	2543173.5261
1F RF	UDCon6	Combination	Min	Top	201714.7469	-4587.2049	-2411.8265	-72329.0123	2370464.0857
1F RF	UDCon6	Combination	Min	Bottom	204081.5247	-4589.5587	-2413.6447	-72346.2463	2385785.1922
1F RF	UDCon7	Combination	Max	Top	198523.7979	6641.2492	2073.9823	65644.0445	2455252.7609
1F RF	UDCon7	Combination	Max	Bottom	200880.4314	6646.672	2075.0651	65660.5441	2487046.4393
1F RF	UDCon7	Combination	Min	Top	198523.7979	-4739.9499	-2230.9029	-88559.2416	2339520.7888
1F RF	UDCon7	Combination	Min	Bottom	200880.4314	-4739.6749	-2231.8985	-88610.7354	2357911.3513
1F RF	UDCon8	Combination	Max	Top	198523.7979	4739.9499	2230.903	88559.2415	2461201.9896
1F RF	UDCon8	Combination	Max	Bottom	200880.4314	4739.6749	2231.8985	88610.7353	2491700.048
1F RF	UDCon8	Combination	Min	Top	198523.7979	-6641.2492	-2073.9823	-65644.0446	2345470.0176
1F RF	UDCon8	Combination	Min	Bottom	200880.4314	-6646.672	-2075.065	-65660.5442	2362564.9599
1F RF	UDCon9	Combination	Max	Top	198523.7979	4587.2049	2411.8265	72329.0122	2469288.123
1F RF	UDCon9	Combination	Max	Bottom	200880.4314	4589.5587	2413.6447	72346.2462	2502926.3846
1F RF	UDCon9	Combination	Min	Top	198523.7979	-5023.8292	-2626.0855	-80082.3941	2328060.7817
1F RF	UDCon9	Combination	Min	Bottom	200880.4314	-5024.4917	-2627.6928	-80099.5629	2345538.0507
1F RF	UDCon10	Combination	Max	Top	198523.7979	5023.8292	2626.0855	80082.394	2472661.9968
1F RF	UDCon10	Combination	Max	Bottom	200880.4314	5024.4917	2627.6928	80099.5628	2504073.3486
1F RF	UDCon10	Combination	Min	Top	198523.7979	-4587.2049	-2411.8265	-72329.0123	2331434.6555
1F RF	UDCon10	Combination	Min	Bottom	200880.4314	-4589.5587	-2413.6447	-72346.2463	2346685.0147

Table 3.8 - Story Forces (Part 2 of 2)

MY kN-m
-62994.6547
-91664.9335
-9396.7835
-10045.7378
-36805.4647
-56686.7035

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

MY kN-m
-29931.7819
-49723.1646
5.481E-07
-1485.3791
-5.314E-06
-5.132E-06
2.76E-06
3555.9182
-2.231E-06
-2430.1173
3.269E-06
1995.1149
-2.532E-06
-2872.4589
-175138.0668
-267400.9823
-189233.242
-282469.589
-132550.9364
-197532.6048
-132550.9364
-203518.6403
-132550.9364
-198658.4058
-132550.9364
-204644.4413
-132550.9364
-199093.4081
-132550.9364
-203960.9819
-132550.9364
-198216.0641
-132550.9364
-203083.6379
-129731.9013
-194518.8834
-129731.9013
-200504.9189
-129731.9013
-195644.6844
-129731.9013
-201630.7199
-129731.9013
-196079.6868
-129731.9013

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

MY kN-m
-200947.2606
-129731.9013
-195202.3428
-129731.9013
-200069.9166
-154659.5883
-183329.8671
-19442.5213
-20091.4756
-93492.1682
-113373.407
-79654.9465
-99446.3293
-1485.3791
-4679.589
6.518E-07
8.833E-06
3555.9182
10783.009
-2430.1173
-7434.103
1995.1149
6185.1159
-2872.4589
-8736.1357
-442539.0491
-534801.9646
-471702.831
-564939.178
-330083.5412
-391394.0371
-336069.5767
-409611.1491
-331209.3421
-394742.9431
-337195.3776
-412960.055
-331644.3445
-395991.9302
-336511.9183
-410913.1818
-330767.0005
-393440.9104
-335634.5743
-408362.162

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

MY kN-m
-324250.7848
-385366.5944
-330236.8203
-403583.7064
-325376.5857
-388715.5004
-331362.6212
-406932.6124
-325811.5881
-389964.4875
-330679.1619
-404885.7391
-324934.2441
-387413.4677
-329801.8179
-402334.7193
-246324.5218
-274994.8006
-29488.2591
-30137.2134
-150178.8718
-170060.1106
-129378.1111
-149169.4939
-4679.589
-9468.764
2.281E-05
3.368E-05
10783.009
20966.7796
-7434.103
-14592.3051
6185.1159
12323.425
-8736.1357
-17047.8054
-709940.0314
-802202.9469
-754172.42
-847408.767
-523944.9735
-582298.7896
-542162.0855
-617857.8743
-527293.8794

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

MY kN-m
-588673.264
-545510.9914
-624232.3487
-528542.8666
-590942.1441
-543464.1182
-620313.3745
-525991.8467
-586217.7637
-540913.0983
-615588.9941
-515098.4958
-573257.6255
-533315.6077
-608816.7102
-518447.4017
-579632.1
-536664.5137
-615191.1847
-519696.3889
-581900.9801
-534617.6404
-611272.2105
-517145.369
-577176.5997
-532066.6206
-606547.8301
-337989.4553
-366659.7341
-39533.9969
-40182.9512
-206865.5753
-226746.8141
-179101.2758
-198892.6586
-9468.764
-15739.0381
3.783E-05
2.42E-05
20966.7796
33387.8888
-14592.3051
-23487.2059
12323.425
20158.2631

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

MY kN-m
-17047.8054
-27253.1397
-977341.0136
-1069604
-1036642
-1129878
-714849.7259
-770966.2033
-750408.8106
-827841.298
-721224.2003
-780866.8862
-756783.285
-837741.9809
-723493.0805
-784195.829
-752864.3109
-831607.2318
-718768.7001
-777100.9524
-748139.9305
-824512.3552
-702989.5269
-758911.318
-738548.6115
-815786.4127
-709364.0013
-768812.0008
-744923.086
-825687.0955
-711632.8814
-772140.9437
-741004.1118
-819552.3464
-706908.501
-765046.067
-736279.7314
-812457.4698
-429654.3888
-458324.6676
-49579.7347
-50228.689
-263552.2788
-283433.5176
-228824.4404

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

MY kN-m
-248615.8232
-15739.0381
-23376.5453
3.071E-05
2.477E-05
33387.8888
47350.2066
-23487.2059
-33724.0442
20158.2631
29438.5673
-27253.1397
-38801.5105
-1244742
-1337005
-1319112
-1412348
-903517.1397
-958092.4084
-960392.2344
-1039167
-913417.8225
-971718.5709
-970292.9172
-1052793
-916746.7654
-976004.0477
-964158.1681
-1044244
-909651.8887
-966641.1045
-957063.2915
-1034881
-888643.2193
-943023.8018
-945518.314
-1024098
-898543.9021
-956649.9642
-955418.9968
-1037724
-901872.845
-960935.441
-949284.2477
-1029176

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

MY kN-m
-894777.9683
-951572.4979
-942189.3711
-1019813
-521319.3223
-549989.6011
-59625.4725
-60274.4268
-320238.9823
-340120.2211
-278547.6051
-298338.9878
-23376.5453
-32267.4196
2.988E-05
2.019E-05
47350.2066
62213.4656
-33724.0442
-44953.4667
29438.5673
39921.4783
-38801.5105
-51165.1439
-1512143
-1604406
-1601581
-1694818
-1090643
-1144318
-1171718
-1251485
-1104270
-1161578
-1185344
-1268745
-1108555
-1166610
-1176795
-1257696
-1099192
-1155366
-1167432
-1246453
-1072756

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

MY kN-m
-1126235
-1153830
-1233402
-1086382
-1143495
-1167456
-1250662
-1090667
-1148527
-1158907
-1239614
-1081304
-1137284
-1149544
-1228370
-612984.2558
-641654.5346
-69671.2103
-70320.1645
-376925.6858
-396806.9246
-328270.7697
-348062.1525
-32267.4196
-42297.7952
1.833E-05
3.585E-06
62213.4656
77423.4018
-44953.4667
-56891.0578
39921.4783
51379.6582
-51165.1439
-63858.6
-1779544
-1871807
-1884051
-1977287
-1276869
-1330196
-1384036
-1464511
-1294129
-1350729

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

MY kN-m
-1401296
-1485043
-1299161
-1356240
-1390247
-1471478
-1287917
-1343761
-1379004
-1458999
-1255967
-1309100
-1363134
-1443415
-1273227
-1329633
-1380394
-1463947
-1278259
-1335144
-1369346
-1450382
-1267016
-1322665
-1358102
-1437903
-704649.1893
-733319.4681
-79716.948
-80365.9023
-433612.3893
-453493.6281
-377993.9343
-397785.3171
-42297.7952
-53353.8061
9.272E-06
-8.071E-06
77423.4018
92535.0975
-56891.0578
-69330.6089
51379.6582
63607.5369
-63858.6

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

MY kN-m
-76456.2173
-2046945
-2139208
-2166520
-2259757
-1462747
-1516173
-1597062
-1678039
-1483280
-1539378
-1617594
-1701243
-1488791
-1545101
-1604029
-1685164
-1476312
-1532252
-1591550
-1672316
-1438832
-1492063
-1573147
-1653929
-1459364
-1515268
-1593679
-1677134
-1464876
-1520991
-1580114
-1661055
-1452397
-1508142
-1567635
-1648206
-796314.1228
-824984.4016
-89762.6858
-90411.6401
-490299.0928
-510180.3316
-427717.099
-447508.4817

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

MY kN-m
-53353.8061
-65321.5863
-1.452E-06
-1.22E-05
92535.0975
107226.3329
-69330.6089
-82149.0087
63607.5369
76425.7391
-76456.2173
-88605.4476
-2314346
-2406609
-2448990
-2542226
-1648724
-1702570
-1810590
-1891946
-1671929
-1727648
-1833794
-1917023
-1677652
-1733371
-1817715
-1898402
-1664803
-1721191
-1804867
-1886222
-1621795
-1675447
-1783661
-1864822
-1645000
-1700524
-1806865
-1889900
-1650723
-1706247
-1790787
-1871279
-1637874

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

MY kN-m
-1694068
-1777938
-1859099
-887979.0563
-916649.3351
-99808.4236
-100457.3779
-546985.7963
-566867.0351
-477440.2636
-497231.6464
-65321.5863
-78087.2698
-5.569E-06
-1.254E-05
107226.3329
121299.5121
-82149.0087
-95302.0879
76425.7391
89683.3205
-88605.4476
-100034.7807
-2581747
-2674010
-2731460
-2824696
-1835121
-1889586
-2024497
-2106187
-1860199
-1915583
-2049574
-2132185
-1865922
-1921202
-2030953
-2110920
-1853742
-1910850
-2018773
-2100569
-1805179
-1859449

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

MY kN-m
-1994554
-2076050
-1830256
-1885446
-2019631
-2102048
-1835979
-1891065
-2001011
-2080783
-1823800
-1880713
-1988831
-2070431
-979643.9898
-1008314
-109854.1614
-110503.1157
-603672.4999
-623553.7386
-527163.4282
-546954.811
-78087.2698
-91536.9907
-7.589E-06
-1.118E-05
121299.5121
134672.4924
-95302.0879
-108812.1992
89683.3205
103257.8194
-100034.7807
-110555.7683
-2849148
-2941411
-3013929
-3107165
-2022137
-2077301
-2238738
-2320786
-2048134
-2103162
-2264736

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

MY kN-m
-2346646
-2053753
-2108716
-2243471
-2322530
-2043401
-2101418
-2233119
-2315232
-1989180
-2044150
-2205782
-2287635
-2015178
-2070011
-2231779
-2313495
-2020797
-2075565
-2210515
-2289379
-2010445
-2068267
-2200163
-2282081
-1071309
-1099979
-119899.8992
-120548.8535
-660359.2034
-680240.4422
-576886.5929
-596677.9757
-91536.9907
-105556.8831
-6.854E-06
-1.032E-05
134672.4924
147360.2427
-108812.1992
-122749.6214
103257.8194
117053.4723
-110555.7683
-120059.4324

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

MY kN-m
-3116549
-3208812
-3296399
-3389635
-2209852
-2265702
-2453337
-2535812
-2235712
-2290313
-2479197
-2560423
-2241267
-2296009
-2455080
-2533122
-2233969
-2293003
-2447783
-2530116
-2173882
-2229537
-2417367
-2499647
-2199743
-2254148
-2443227
-2524258
-2205297
-2259844
-2419110
-2496957
-2197999
-2256838
-2411813
-2493951
-1162974
-1191644
-129945.637
-130594.5913
-717045.9069
-736927.1457
-626609.7575
-646401.1403
-105556.8831

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

MY kN-m
-120033.0812
-1E-05
-1.651E-05
147360.2427
159450.5705
-122749.6214
-137929.7831
117053.4723
130998.173
-120059.4324
-128508.057
-3383950
-3476213
-3578868
-3672105
-2398253
-2454700
-2668363
-2752081
-2422864
-2476221
-2692973
-2773601
-2428560
-2483153
-2665673
-2742659
-2425554
-2485643
-2662667
-2745149
-2359269
-2415522
-2629379
-2712902
-2383880
-2437043
-2653990
-2734423
-2389576
-2443974
-2626689
-2703480
-2386570
-2446464

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

MY kN-m
-2623683
-2705971
-1254639
-1283309
-139991.3748
-140640.3291
-773732.6104
-793613.8492
-676332.9222
-696124.3049
-120033.0812
-134851.7189
-1.175E-05
-1.715E-05
159450.5705
171077.7631
-137929.7831
-154470.7837
130998.173
145039.705
-128508.057
-135923.7029
-3651351
-3743614
-3861338
-3954574
-2587251
-2644162
-2884632
-2969710
-2608772
-2660769
-2906152
-2986317
-2615704
-2670200
-2875210
-2951163
-2618194
-2679316
-2877700
-2960279
-2545254
-2601969
-2842634

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

MY kN-m
-2927518
-2566775
-2618576
-2864155
-2944125
-2573706
-2628008
-2833212
-2908971
-2576196
-2637124
-2835702
-2918087
-1344844
-1374452
-150037.1126
-150686.0669
-828960.0715
-849779.0333
-724596.8444
-745325.9502
-134851.7189
-149893.2667
-1.281E-05
-1.673E-05
171077.7631
182404.7734
-154470.7837
-171087.5382
145039.705
159141.0285
-135923.7029
-148715.4742
-3912842
-4008903
-4137898
-4234932
-2772335
-2832359
-3097883
-3185851
-2788942
-2843676
-3114490
-3197168

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

MY kN-m
-2798373
-2855622
-3079336
-3163479
-2807489
-2866048
-3088452
-3173904
-2727324
-2787153
-3052872
-3140645
-2743931
-2798470
-3069479
-3151962
-2753362
-2810416
-3034325
-3118273
-2762478
-2820842
-3043441
-3128698
-1437521
-1457674
-160082.8504
-160731.8047
-886658.5733
-898022.0703
-775331.8073
-786605.4483
-149893.2667
-165040.2972
-1.649E-05
-1.988E-05
182404.7734
193595.753
-171087.5382
-187676.9091
159141.0285
173273.695
-148715.4742
-166299.9694
-4184341

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

MY kN-m
-4242107
-4424465
-4483204
-2965132
-2996925
-3318624
-3378198
-2976449
-3002844
-3329941
-3384117
-2988395
-3017247
-3296252
-3356821
-2998821
-3024221
-3306677
-3363795
-2917107
-2948706
-3270599
-3329978
-2928424
-2954624
-3281916
-3335897
-2940371
-2969028
-3248227
-3308601
-2950796
-2976001
-3258653
-3315575

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	428.2425	4.755	90055.957	1.049E-06	1.194	0
15	Earthquake+x	LinStatic	Step By Step	916.2393	5.023	182396.169	2.363E-06	1.203	0
14	Earthquake+x	LinStatic	Step By Step	1371.7031	5.29	259314.573	1.834E-06	1.225	0
13	Earthquake+x	LinStatic	Step By Step	1794.6338	5.589	321108.24	2.09E-06	1.261	0
12F RF	Earthquake+x	LinStatic	Step By Step	2185.0313	5.894	370704.378	1.175E-06	1.297	0
11F RF	Earthquake+x	LinStatic	Step By Step	2542.8956	6.191	410730.825	9.909E-07	1.331	0

Table 3.9 - Story Stiffness (continued)

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
10F RF	Earthquake+x	LinStatic	Step By Step	2868.2269	6.461	443917.607	2.359E-06	1.359	0
9F RF	Earthquake+x	LinStatic	Step By Step	3161.025	6.687	472708.229	1.615E-06	1.378	0
8F RF	Earthquake+x	LinStatic	Step By Step	3421.29	6.854	499161.677	1.348E-06	1.387	0
7F RF	Earthquake+x	LinStatic	Step By Step	3649.0218	6.945	525437.787	2.353E-06	1.381	0
6F RF	Earthquake+x	LinStatic	Step By Step	3844.2206	6.946	553453.428	3.172E-06	1.36	0
5F RF	Earthquake+x	LinStatic	Step By Step	4006.8862	6.842	585606.839	2.199E-06	1.318	0
4F RF	Earthquake+x	LinStatic	Step By Step	4137.0187	6.666	620626.299	2.188E-06	1.258	0
3F RF	Earthquake+x	LinStatic	Step By Step	4234.6181	6.364	665372.477	8.358E-07	1.121	0
2F RF	Earthquake+x	LinStatic	Step By Step	4298.0661	6.632	648114.606	1.095E-06	3.193	0
1F RF	Earthquake+x	LinStatic	Step By Step	4327.9635	30.16	143501.964	7.841E-07	13.685	0
16	Earthquake+y	LinStatic	Step By Step	0	0.996	0	428.2425	7.194	59524.218
15	Earthquake+y	LinStatic	Step By Step	2.033E-06	1.035	0	916.2394	7.27	126034.626
14	Earthquake+y	LinStatic	Step By Step	0	1.097	0	1371.7031	7.407	185197.561
13	Earthquake+y	LinStatic	Step By Step	2.33E-06	1.17	0	1794.6337	7.574	236945.931
12F RF	Earthquake+y	LinStatic	Step By Step	2.492E-06	1.256	0	2185.0312	7.745	282127.651
11F RF	Earthquake+y	LinStatic	Step By Step	3.079E-06	1.356	0	2542.8956	7.903	321755.721
10F RF	Earthquake+y	LinStatic	Step By Step	4.548E-06	1.471	0	2868.2268	8.035	356946.364
9F RF	Earthquake+y	LinStatic	Step By Step	4.947E-06	1.6	0	3161.0249	8.131	388743.836
8F RF	Earthquake+y	LinStatic	Step By Step	3.199E-06	1.746	0	3421.2899	8.181	418178.995
7F RF	Earthquake+y	LinStatic	Step By Step	1.471E-06	1.915	0	3649.0218	8.173	446471.859
6F RF	Earthquake+y	LinStatic	Step By Step	0	2.119	0	3844.2206	8.091	475125.801
5F RF	Earthquake+y	LinStatic	Step By Step	8.153E-07	2.382	0	4006.8862	7.913	506399.283
4F RF	Earthquake+y	LinStatic	Step By Step	1.547E-06	2.703	0	4137.0187	7.591	544961.969
3F RF	Earthquake+y	LinStatic	Step By Step	1.188E-06	2.962	0	4234.6181	7.341	576858.819
2F RF	Earthquake+y	LinStatic	Step By Step	9.789E-07	5.028	0	4298.0661	16.768	256324.213
1F RF	Earthquake+y	LinStatic	Step By Step	9.11E-07	6.383	0	4327.9635	31.117	139087.576

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	2.63	0.38	2.3886	5.7056
Modal	2	2.436	0.41	2.5788	6.6505
Modal	3	2.108	0.474	2.9802	8.8819
Modal	4	0.756	1.323	8.3121	69.0909
Modal	5	0.726	1.377	8.6528	74.871
Modal	6	0.586	1.708	10.7304	115.1418
Modal	7	0.326	3.071	19.2934	372.2349
Modal	8	0.27	3.702	23.2605	541.0514
Modal	9	0.194	5.149	32.3502	1046.5349
Modal	10	0.177	5.656	35.5402	1263.1088
Modal	11	0.176	5.695	35.7805	1280.2432
Modal	12	0.175	5.713	35.898	1288.6676

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	2.63	0.3497	0.5148	0	0.3497	0.5148	0	0.0771	0.0514	0.0091
Modal	2	2.436	0.3294	0.27	0	0.6791	0.7848	0	0.0474	0.0449	0.2835
Modal	3	2.108	0.19	0.0878	0	0.8691	0.8726	0	0.0047	0.0366	0.6409
Modal	4	0.756	0.0882	0.0044	0	0.9573	0.877	0	0.0581	0.6088	0.005
Modal	5	0.726	0.0111	0.1029	0	0.9684	0.9799	0	0.7282	0.0909	3.199E-05
Modal	6	0.586	0.0166	0.0139	0	0.985	0.9938	0	0.0405	0.0961	0.0583
Modal	7	0.326	0.0128	0.0001	0	0.9979	0.9939	0	0	0.0566	0.0003
Modal	8	0.27	0.0001	0.005	0	0.998	0.9989	0	0.0356	0.0003	0.0013
Modal	9	0.194	0.0002	3.11E-05	0	0.9982	0.9989	0	0.0005	0.0011	0.0011
Modal	10	0.177	2.76E-06	0	0	0.9982	0.9989	0	0	1.686E-05	0
Modal	11	0.176	9.741E-07	5.982E-07	0	0.9982	0.9989	0	4.51E-06	4.925E-06	0
Modal	12	0.175	5.801E-06	1.626E-06	0	0.9982	0.9989	0	1.017E-06	4.052E-05	3.616E-06

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

SumRX	SumRY	SumRZ
0.0771	0.0514	0.0091
0.1244	0.0963	0.2926
0.1291	0.1329	0.9335
0.1872	0.7417	0.9386
0.9154	0.8326	0.9386
0.9559	0.9287	0.9969
0.9559	0.9852	0.9972
0.9915	0.9856	0.9985
0.992	0.9867	0.9996
0.992	0.9867	0.9996
0.992	0.9867	0.9996
0.992	0.9867	0.9996

Table 3.12 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	100	99.82
Modal	Acceleration	UY	100	99.89
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	2.63	0.401	0.591	0	0.009
Modal	2	2.436	0.373	0.317	0	0.31
Modal	3	2.108	0.226	0.093	0	0.681
Modal	4	0.756	0.759	0.068	0	0.173
Modal	5	0.726	0.112	0.873	0	0.015
Modal	6	0.586	0.128	0.058	0	0.813
Modal	7	0.326	0.987	0	0	0.012

Table 3.13 - Modal Direction Factors (continued)

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	8	0.27	0.001	0.931	0	0.068
Modal	9	0.194	0.013	0.08	0	0.907
Modal	10	0.177	0.465	0.533	0	0.002
Modal	11	0.176	0.003	0.994	0	0.003
Modal	12	0.175	0.169	0.67	0	0.162