



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

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

Tc sec	Td sec	Beta	q	Damping Ratio

2.3 Load Cases

Table 2.3 - Load Case Definitions - Summary

Name	Type
Modal	Modal - Eigen
Dead	Linear Static
Live	Linear Static
FF	Linear Static
PW	Linear Static
Earthquake+x	Linear Static
Earthquake+y	Linear Static
TH-X Load Case	Linear Modal History
TH-Y Load Case	Linear Modal History

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		7.322E-06	5.647E-07	92981.2335	1127103.8915	-1458070	-0.0001
Live	LinStatic		1.558E-06	0	10674.9911	130377.9171	-160824.7026	-2.157E-05
FF	LinStatic		1.975E-06	0	57749.2335	696306.7715	-898417.9535	-2.673E-05
PW	LinStatic		1.151E-06	0	50208.2535	601957.5755	-786954.8826	-1.54E-05
Earthquake+x	LinStatic		-3992.845	7.069E-06	0	-0.0002	-152261.0625	50698.5264
Earthquake+y	LinStatic		-1.153E-05	-3992.8448	0	152261.0548	-0.0004	-66137.3792
TH-X Load Case	LinModHist	Max	3733.8759	1911.0929	0	58646.0307	128011.9484	53106.077
TH-X Load Case	LinModHist	Min	-3371.5152	-1774.2143	0	-56371.4993	-138699.9942	-60854.7153
TH-Y Load Case	LinModHist	Max	3215.0152	1461.7318	0	52446.1424	97206.3641	61806.8864
TH-Y Load Case	LinModHist	Min	-3958.1514	-1618.9439	0	-53427.8029	-153558.19	-53595.0146
UDCon1	Combination		1.411E-05	1.668E-06	271267.2727	3274247.1221	-4243647	-0.0002
UDCon2	Combination		1.644E-05	1.76E-06	287279.7593	3469813.9977	-4484884	-0.0002
UDCon3	Combination	Max	3733.8759	1911.0929	204141.2179	2523127.6444	-3063678	53106.0768
UDCon3	Combination	Min	-3371.5152	-1774.2143	204141.2178	2408110.1144	-3330390	-60854.7154
UDCon4	Combination	Max	3371.5152	1774.2143	204141.2179	2520853.113	-3052990	60854.7151
UDCon4	Combination	Min	-3733.8759	-1911.0929	204141.2178	2405835.583	-3319702	-53106.0771
UDCon5	Combination	Max	3215.0152	1461.7318	204141.2179	2516927.7561	-3094484	61806.8862
UDCon5	Combination	Min	-3958.1513	-1618.9439	204141.2178	2411053.8108	-3345248	-53595.0147
UDCon6	Combination	Max	3958.1514	1618.9439	204141.2179	2517909.4166	-3038132	53595.0144
UDCon6	Combination	Min	-3215.0152	-1461.7318	204141.2178	2412035.4713	-3288896	-61806.8865
UDCon7	Combination	Max	3733.8759	1911.0929	200938.7205	2484014.2693	-3015431	53106.0768
UDCon7	Combination	Min	-3371.5152	-1774.2143	200938.7205	2368996.7392	-3282142	-60854.7154
UDCon8	Combination	Max	3371.5152	1774.2143	200938.7205	2481739.7379	-3004742	60854.7151
UDCon8	Combination	Min	-3733.8759	-1911.0929	200938.7205	2366722.2078	-3271454	-53106.0771
UDCon9	Combination	Max	3215.0152	1461.7318	200938.7205	2477814.381	-3046236	61806.8862
UDCon9	Combination	Min	-3958.1513	-1618.9439	200938.7205	2371940.4357	-3297001	-53595.0147
UDCon10	Combination	Max	3958.1514	1618.9439	200938.7205	2478796.0414	-2989884	53595.0145
UDCon10	Combination	Min	-3215.0152	-1461.7318	200938.7205	2372922.0962	-3240649	-61806.8865

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 3.1 - Base Reactions (Part 2 of 2, continued)

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
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
0	0	0
0	0	0
0	0	0

Table 3.2 - Centers Of Mass And Rigidity

Story	Diaphragm	Mass X kg	Mass Y kg	XCM m	YCM m	Cum Mass X kg	Cum Mass Y kg	XCCM m	YCCM m	XCR m	YCR m
14	D1	0	0	15.611	12.0859	0	0	0	0		
13	D1	0	0	15.611	12.0859	0	0	0	0		
12F RF	D1	0	0	15.611	12.0859	0	0	0	0		
11F RF	D1	0	0	15.611	12.0859	0	0	0	0		
10F RF	D1	0	0	15.611	12.0859	0	0	0	0		
9F RF	D1	0	0	15.611	12.0859	0	0	0	0		
8F RF	D1	0	0	15.611	12.0859	0	0	0	0		
7F RF	D1	0	0	15.611	12.0859	0	0	0	0		
6F RF	D1	0	0	15.611	12.0859	0	0	0	0		
5F RF	D1	0	0	15.611	12.0859	0	0	0	0		
4F RF	D1	0	0	15.611	12.0859	0	0	0	0		
3F RF	D1	0	0	15.611	12.0859	0	0	0	0		
2F RF	D1	0	0	15.6913	12.0023	0	0	0	0		
1F RF	D1	0	0	15.7127	12.0198	0	0	0	0		

Table 3.3 - Diaphragm Center Of Mass Displacements

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
14	D1	Dead	LinStatic		-19.033	5.965	-0.000892	1	15.611	12.0859	49
14	D1	Live	LinStatic		-3.641	1.293	-6.2E-05	1	15.611	12.0859	49
14	D1	FF	LinStatic		-6.421	3.427	-0.000523	1	15.611	12.0859	49

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		-4.457	2.241	-0.000492	1	15.611	12.0859	49
14	D1	Earthquake+x	LinStatic		297.654	20.594	-0.008016	1	15.611	12.0859	49
14	D1	Earthquake+y	LinStatic		9.574	301.445	-0.004615	1	15.611	12.0859	49
14	D1	TH-X Load Case	LinModHist	Max	248.242	121.621	0.012151	1	15.611	12.0859	49
14	D1	TH-X Load Case	LinModHist	Min	-228.124	-133.324	-0.011321	1	15.611	12.0859	49
14	D1	TH-Y Load Case	LinModHist	Max	288.872	97.185	0.011437	1	15.611	12.0859	49
14	D1	TH-Y Load Case	LinModHist	Min	-199.951	-90.261	-0.007746	1	15.611	12.0859	49
14	D1	UDCon1	Combination		-40.381	15.705	-0.002576	1	15.611	12.0859	49
14	D1	UDCon2	Combination		-45.842	17.645	-0.002669	1	15.611	12.0859	49
14	D1	UDCon3	Combination	Max	217.238	133.643	0.010224	1	15.611	12.0859	49
14	D1	UDCon3	Combination	Min	-259.128	-121.303	-0.013248	1	15.611	12.0859	49
14	D1	UDCon4	Combination	Max	197.12	145.346	0.009394	1	15.611	12.0859	49
14	D1	UDCon4	Combination	Min	-279.246	-109.6	-0.014077	1	15.611	12.0859	49
14	D1	UDCon5	Combination	Max	257.868	109.206	0.00951	1	15.611	12.0859	49
14	D1	UDCon5	Combination	Min	-230.955	-78.239	-0.009672	1	15.611	12.0859	49
14	D1	UDCon6	Combination	Max	168.947	102.282	0.005819	1	15.611	12.0859	49
14	D1	UDCon6	Combination	Min	-319.876	-85.164	-0.013364	1	15.611	12.0859	49
14	D1	UDCon7	Combination	Max	218.33	133.255	0.010243	1	15.611	12.0859	49
14	D1	UDCon7	Combination	Min	-258.036	-121.691	-0.013229	1	15.611	12.0859	49
14	D1	UDCon8	Combination	Max	198.213	144.958	0.009413	1	15.611	12.0859	49
14	D1	UDCon8	Combination	Min	-278.153	-109.988	-0.014058	1	15.611	12.0859	49
14	D1	UDCon9	Combination	Max	258.961	108.818	0.009529	1	15.611	12.0859	49
14	D1	UDCon9	Combination	Min	-229.862	-78.627	-0.009654	1	15.611	12.0859	49
14	D1	UDCon10	Combination	Max	170.039	101.894	0.005838	1	15.611	12.0859	49
14	D1	UDCon10	Combination	Min	-318.784	-85.551	-0.013345	1	15.611	12.0859	49
13	D1	Dead	LinStatic		-16.346	4.523	-0.000886	2	15.611	12.0859	45.5
13	D1	Live	LinStatic		-3.193	1.074	-6.5E-05	2	15.611	12.0859	45.5
13	D1	FF	LinStatic		-5.2	2.479	-0.00053	2	15.611	12.0859	45.5
13	D1	PW	LinStatic		-3.497	1.472	-0.000496	2	15.611	12.0859	45.5
13	D1	Earthquake+x	LinStatic		288.388	20.377	-0.007863	2	15.611	12.0859	45.5
13	D1	Earthquake+y	LinStatic		9.825	291.279	-0.004649	2	15.611	12.0859	45.5
13	D1	TH-X Load Case	LinModHist	Max	239.807	117.795	0.011851	2	15.611	12.0859	45.5
13	D1	TH-X Load Case	LinModHist	Min	-220.121	-129.926	-0.011135	2	15.611	12.0859	45.5
13	D1	TH-Y Load Case	LinModHist	Max	279.607	94.026	0.011274	2	15.611	12.0859	45.5
13	D1	TH-Y Load Case	LinModHist	Min	-194.694	-87.755	-0.007601	2	15.611	12.0859	45.5
13	D1	UDCon1	Combination		-33.808	11.44	-0.002581	2	15.611	12.0859	45.5
13	D1	UDCon2	Combination		-38.598	13.051	-0.002678	2	15.611	12.0859	45.5
13	D1	UDCon3	Combination	Max	213.805	126.591	0.009919	2	15.611	12.0859	45.5
13	D1	UDCon3	Combination	Min	-246.122	-121.13	-0.013066	2	15.611	12.0859	45.5
13	D1	UDCon4	Combination	Max	194.12	138.722	0.009203	2	15.611	12.0859	45.5
13	D1	UDCon4	Combination	Min	-265.808	-108.998	-0.013782	2	15.611	12.0859	45.5
13	D1	UDCon5	Combination	Max	253.606	102.822	0.009343	2	15.611	12.0859	45.5
13	D1	UDCon5	Combination	Min	-220.695	-78.959	-0.009532	2	15.611	12.0859	45.5
13	D1	UDCon6	Combination	Max	168.693	96.552	0.005669	2	15.611	12.0859	45.5
13	D1	UDCon6	Combination	Min	-305.608	-85.23	-0.013206	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	214.763	126.269	0.009938	2	15.611	12.0859	45.5
13	D1	UDCon7	Combination	Min	-245.164	-121.452	-0.013047	2	15.611	12.0859	45.5
13	D1	UDCon8	Combination	Max	195.078	138.4	0.009223	2	15.611	12.0859	45.5
13	D1	UDCon8	Combination	Min	-264.85	-109.321	-0.013763	2	15.611	12.0859	45.5
13	D1	UDCon9	Combination	Max	254.564	102.5	0.009362	2	15.611	12.0859	45.5
13	D1	UDCon9	Combination	Min	-219.737	-79.281	-0.009513	2	15.611	12.0859	45.5
13	D1	UDCon10	Combination	Max	169.651	96.229	0.005688	2	15.611	12.0859	45.5
13	D1	UDCon10	Combination	Min	-304.651	-85.552	-0.013187	2	15.611	12.0859	45.5
12F RF	D1	Dead	LinStatic		-13.731	3.147	-0.000876	3	15.611	12.0859	42
12F RF	D1	Live	LinStatic		-2.755	0.864	-6.6E-05	3	15.611	12.0859	42
12F RF	D1	FF	LinStatic		-4.019	1.576	-0.000535	3	15.611	12.0859	42
12F RF	D1	PW	LinStatic		-2.571	0.743	-0.000498	3	15.611	12.0859	42
12F RF	D1	Earthquake+x	LinStatic		278.622	20.145	-0.007704	3	15.611	12.0859	42
12F RF	D1	Earthquake+y	LinStatic		10.052	280.899	-0.004688	3	15.611	12.0859	42
12F RF	D1	TH-X Load Case	LinModHist	Max	230.921	113.972	0.011543	3	15.611	12.0859	42
12F RF	D1	TH-X Load Case	LinModHist	Min	-211.73	-126.449	-0.010942	3	15.611	12.0859	42
12F RF	D1	TH-Y Load Case	LinModHist	Max	269.841	91.167	0.011107	3	15.611	12.0859	42
12F RF	D1	TH-Y Load Case	LinModHist	Min	-189.129	-85.191	-0.007452	3	15.611	12.0859	42
12F RF	D1	UDCon1	Combination		-27.434	7.379	-0.002576	3	15.611	12.0859	42
12F RF	D1	UDCon2	Combination		-31.567	8.675	-0.002676	3	15.611	12.0859	42
12F RF	D1	UDCon3	Combination	Max	209.773	119.697	0.009615	3	15.611	12.0859	42
12F RF	D1	UDCon3	Combination	Min	-232.878	-120.724	-0.01287	3	15.611	12.0859	42
12F RF	D1	UDCon4	Combination	Max	190.582	132.174	0.009014	3	15.611	12.0859	42
12F RF	D1	UDCon4	Combination	Min	-252.07	-108.247	-0.013471	3	15.611	12.0859	42
12F RF	D1	UDCon5	Combination	Max	248.692	96.892	0.009179	3	15.611	12.0859	42
12F RF	D1	UDCon5	Combination	Min	-210.278	-79.466	-0.00938	3	15.611	12.0859	42
12F RF	D1	UDCon6	Combination	Max	167.981	90.916	0.005524	3	15.611	12.0859	42
12F RF	D1	UDCon6	Combination	Min	-290.989	-85.441	-0.013035	3	15.611	12.0859	42
12F RF	D1	UDCon7	Combination	Max	210.6	119.438	0.009635	3	15.611	12.0859	42
12F RF	D1	UDCon7	Combination	Min	-232.051	-120.983	-0.01285	3	15.611	12.0859	42
12F RF	D1	UDCon8	Combination	Max	191.408	131.915	0.009034	3	15.611	12.0859	42
12F RF	D1	UDCon8	Combination	Min	-251.243	-108.506	-0.013451	3	15.611	12.0859	42
12F RF	D1	UDCon9	Combination	Max	249.519	96.633	0.009199	3	15.611	12.0859	42
12F RF	D1	UDCon9	Combination	Min	-209.451	-79.725	-0.00936	3	15.611	12.0859	42
12F RF	D1	UDCon10	Combination	Max	168.808	90.657	0.005544	3	15.611	12.0859	42
12F RF	D1	UDCon10	Combination	Min	-290.162	-85.7	-0.013015	3	15.611	12.0859	42
11F RF	D1	Dead	LinStatic		-11.22	1.854	-0.000861	4	15.611	12.0859	38.5
11F RF	D1	Live	LinStatic		-2.333	0.663	-6.8E-05	4	15.611	12.0859	38.5
11F RF	D1	FF	LinStatic		-2.898	0.731	-0.000535	4	15.611	12.0859	38.5
11F RF	D1	PW	LinStatic		-1.694	0.064	-0.000496	4	15.611	12.0859	38.5
11F RF	D1	Earthquake+x	LinStatic		268.345	19.902	-0.007539	4	15.611	12.0859	38.5
11F RF	D1	Earthquake+y	LinStatic		10.249	270.313	-0.00473	4	15.611	12.0859	38.5
11F RF	D1	TH-X Load Case	LinModHist	Max	221.583	110.07	0.011227	4	15.611	12.0859	38.5
11F RF	D1	TH-X Load Case	LinModHist	Min	-202.967	-122.888	-0.010743	4	15.611	12.0859	38.5
11F RF	D1	TH-Y Load Case	LinModHist	Max	259.562	88.235	0.010933	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	-183.613	-82.562	-0.007299	4	15.611	12.0859	38.5
11F RF	D1	UDCon1	Combination		-21.346	3.578	-0.002555	4	15.611	12.0859	38.5
11F RF	D1	UDCon2	Combination		-24.845	4.573	-0.002657	4	15.611	12.0859	38.5
11F RF	D1	UDCon3	Combination	Max	205.071	112.919	0.009314	4	15.611	12.0859	38.5
11F RF	D1	UDCon3	Combination	Min	-219.479	-120.039	-0.012656	4	15.611	12.0859	38.5
11F RF	D1	UDCon4	Combination	Max	186.455	125.737	0.00883	4	15.611	12.0859	38.5
11F RF	D1	UDCon4	Combination	Min	-238.095	-107.221	-0.01314	4	15.611	12.0859	38.5
11F RF	D1	UDCon5	Combination	Max	243.05	91.084	0.00902	4	15.611	12.0859	38.5
11F RF	D1	UDCon5	Combination	Min	-200.124	-79.713	-0.009212	4	15.611	12.0859	38.5
11F RF	D1	UDCon6	Combination	Max	167.101	85.411	0.005386	4	15.611	12.0859	38.5
11F RF	D1	UDCon6	Combination	Min	-276.074	-85.386	-0.012846	4	15.611	12.0859	38.5
11F RF	D1	UDCon7	Combination	Max	205.771	112.72	0.009335	4	15.611	12.0859	38.5
11F RF	D1	UDCon7	Combination	Min	-218.779	-120.238	-0.012635	4	15.611	12.0859	38.5
11F RF	D1	UDCon8	Combination	Max	187.155	125.538	0.00885	4	15.611	12.0859	38.5
11F RF	D1	UDCon8	Combination	Min	-237.395	-107.42	-0.01312	4	15.611	12.0859	38.5
11F RF	D1	UDCon9	Combination	Max	243.75	90.885	0.00904	4	15.611	12.0859	38.5
11F RF	D1	UDCon9	Combination	Min	-199.425	-79.912	-0.009191	4	15.611	12.0859	38.5
11F RF	D1	UDCon10	Combination	Max	167.8	85.212	0.005406	4	15.611	12.0859	38.5
11F RF	D1	UDCon10	Combination	Min	-275.374	-85.585	-0.012825	4	15.611	12.0859	38.5
10F RF	D1	Dead	LinStatic		-8.844	0.669	-0.000841	5	15.611	12.0859	35
10F RF	D1	Live	LinStatic		-1.929	0.477	-6.8E-05	5	15.611	12.0859	35
10F RF	D1	FF	LinStatic		-1.852	-0.039	-0.000531	5	15.611	12.0859	35
10F RF	D1	PW	LinStatic		-0.88	-0.55	-0.00049	5	15.611	12.0859	35
10F RF	D1	Earthquake+x	LinStatic		257.575	19.65	-0.007368	5	15.611	12.0859	35
10F RF	D1	Earthquake+y	LinStatic		10.414	259.556	-0.004777	5	15.611	12.0859	35
10F RF	D1	TH-X Load Case	LinModHist	Max	211.815	106.095	0.010935	5	15.611	12.0859	35
10F RF	D1	TH-X Load Case	LinModHist	Min	-195.67	-119.244	-0.010536	5	15.611	12.0859	35
10F RF	D1	TH-Y Load Case	LinModHist	Max	248.792	85.232	0.010752	5	15.611	12.0859	35
10F RF	D1	TH-Y Load Case	LinModHist	Min	-177.787	-79.869	-0.007141	5	15.611	12.0859	35
10F RF	D1	UDCon1	Combination		-15.628	0.107	-0.002515	5	15.611	12.0859	35
10F RF	D1	UDCon2	Combination		-18.522	0.822	-0.002617	5	15.611	12.0859	35
10F RF	D1	UDCon3	Combination	Max	199.659	106.318	0.009051	5	15.611	12.0859	35
10F RF	D1	UDCon3	Combination	Min	-207.826	-119.022	-0.012419	5	15.611	12.0859	35
10F RF	D1	UDCon4	Combination	Max	183.515	119.466	0.008652	5	15.611	12.0859	35
10F RF	D1	UDCon4	Combination	Min	-223.97	-105.873	-0.012818	5	15.611	12.0859	35
10F RF	D1	UDCon5	Combination	Max	236.636	85.455	0.008869	5	15.611	12.0859	35
10F RF	D1	UDCon5	Combination	Min	-189.942	-79.647	-0.009025	5	15.611	12.0859	35
10F RF	D1	UDCon6	Combination	Max	165.632	80.091	0.005258	5	15.611	12.0859	35
10F RF	D1	UDCon6	Combination	Min	-260.947	-85.01	-0.012636	5	15.611	12.0859	35
10F RF	D1	UDCon7	Combination	Max	200.238	106.175	0.009072	5	15.611	12.0859	35
10F RF	D1	UDCon7	Combination	Min	-207.247	-119.165	-0.012398	5	15.611	12.0859	35
10F RF	D1	UDCon8	Combination	Max	184.094	119.323	0.008673	5	15.611	12.0859	35
10F RF	D1	UDCon8	Combination	Min	-223.391	-106.016	-0.012798	5	15.611	12.0859	35
10F RF	D1	UDCon9	Combination	Max	237.215	85.312	0.00889	5	15.611	12.0859	35
10F RF	D1	UDCon9	Combination	Min	-189.364	-79.79	-0.009004	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	166.211	79.948	0.005279	5	15.611	12.0859	35
10F RF	D1	UDCon10	Combination	Min	-260.368	-85.153	-0.012615	5	15.611	12.0859	35
9F RF	D1	Dead	LinStatic		-6.633	-0.386	-0.000814	6	15.611	12.0859	31.5
9F RF	D1	Live	LinStatic		-1.549	0.306	-6.8E-05	6	15.611	12.0859	31.5
9F RF	D1	FF	LinStatic		-0.899	-0.72	-0.000522	6	15.611	12.0859	31.5
9F RF	D1	PW	LinStatic		-0.145	-1.088	-0.00048	6	15.611	12.0859	31.5
9F RF	D1	Earthquake+x	LinStatic		246.36	19.391	-0.00719	6	15.611	12.0859	31.5
9F RF	D1	Earthquake+y	LinStatic		10.542	248.675	-0.004827	6	15.611	12.0859	31.5
9F RF	D1	TH-X Load Case	LinModHist	Max	201.671	102.064	0.010643	6	15.611	12.0859	31.5
9F RF	D1	TH-X Load Case	LinModHist	Min	-190.434	-115.525	-0.010321	6	15.611	12.0859	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Max	237.58	82.165	0.010565	6	15.611	12.0859	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Min	-171.561	-77.119	-0.006981	6	15.611	12.0859	31.5
9F RF	D1	UDCon1	Combination		-10.364	-2.961	-0.002451	6	15.611	12.0859	31.5
9F RF	D1	UDCon2	Combination		-12.687	-2.502	-0.002553	6	15.611	12.0859	31.5
9F RF	D1	UDCon3	Combination	Max	193.529	99.962	0.008808	6	15.611	12.0859	31.5
9F RF	D1	UDCon3	Combination	Min	-198.576	-117.627	-0.012157	6	15.611	12.0859	31.5
9F RF	D1	UDCon4	Combination	Max	182.292	113.424	0.008485	6	15.611	12.0859	31.5
9F RF	D1	UDCon4	Combination	Min	-209.813	-104.165	-0.012479	6	15.611	12.0859	31.5
9F RF	D1	UDCon5	Combination	Max	229.438	80.063	0.008729	6	15.611	12.0859	31.5
9F RF	D1	UDCon5	Combination	Min	-179.703	-79.22	-0.008817	6	15.611	12.0859	31.5
9F RF	D1	UDCon6	Combination	Max	163.419	75.017	0.005145	6	15.611	12.0859	31.5
9F RF	D1	UDCon6	Combination	Min	-245.722	-84.266	-0.012401	6	15.611	12.0859	31.5
9F RF	D1	UDCon7	Combination	Max	193.994	99.871	0.008828	6	15.611	12.0859	31.5
9F RF	D1	UDCon7	Combination	Min	-198.111	-117.718	-0.012136	6	15.611	12.0859	31.5
9F RF	D1	UDCon8	Combination	Max	182.757	113.332	0.008505	6	15.611	12.0859	31.5
9F RF	D1	UDCon8	Combination	Min	-209.349	-104.257	-0.012459	6	15.611	12.0859	31.5
9F RF	D1	UDCon9	Combination	Max	229.903	79.971	0.00875	6	15.611	12.0859	31.5
9F RF	D1	UDCon9	Combination	Min	-179.238	-79.312	-0.008796	6	15.611	12.0859	31.5
9F RF	D1	UDCon10	Combination	Max	163.883	74.926	0.005165	6	15.611	12.0859	31.5
9F RF	D1	UDCon10	Combination	Min	-245.258	-84.358	-0.012381	6	15.611	12.0859	31.5
8F RF	D1	Dead	LinStatic		-4.62	-1.284	-0.000778	7	15.611	12.0859	28
8F RF	D1	Live	LinStatic		-1.196	0.155	-6.7E-05	7	15.611	12.0859	28
8F RF	D1	FF	LinStatic		-0.058	-1.291	-0.000506	7	15.611	12.0859	28
8F RF	D1	PW	LinStatic		0.497	-1.531	-0.000463	7	15.611	12.0859	28
8F RF	D1	Earthquake+x	LinStatic		234.779	19.128	-0.007007	7	15.611	12.0859	28
8F RF	D1	Earthquake+y	LinStatic		10.629	237.749	-0.004879	7	15.611	12.0859	28
8F RF	D1	TH-X Load Case	LinModHist	Max	191.233	97.999	0.010349	7	15.611	12.0859	28
8F RF	D1	TH-X Load Case	LinModHist	Min	-184.844	-111.749	-0.010099	7	15.611	12.0859	28
8F RF	D1	TH-Y Load Case	LinModHist	Max	226.009	79.047	0.010371	7	15.611	12.0859	28
8F RF	D1	TH-Y Load Case	LinModHist	Min	-164.949	-74.325	-0.006817	7	15.611	12.0859	28
8F RF	D1	UDCon1	Combination		-5.645	-5.543	-0.002358	7	15.611	12.0859	28
8F RF	D1	UDCon2	Combination		-7.439	-5.311	-0.002459	7	15.611	12.0859	28
8F RF	D1	UDCon3	Combination	Max	186.692	93.94	0.008582	7	15.611	12.0859	28
8F RF	D1	UDCon3	Combination	Min	-189.384	-115.809	-0.011866	7	15.611	12.0859	28
8F RF	D1	UDCon4	Combination	Max	180.304	107.689	0.008332	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	-195.773	-102.059	-0.012116	7	15.611	12.0859	28
8F RF	D1	UDCon5	Combination	Max	221.469	74.987	0.008604	7	15.611	12.0859	28
8F RF	D1	UDCon5	Combination	Min	-169.49	-78.384	-0.008584	7	15.611	12.0859	28
8F RF	D1	UDCon6	Combination	Max	160.409	70.265	0.00505	7	15.611	12.0859	28
8F RF	D1	UDCon6	Combination	Min	-230.549	-83.107	-0.012138	7	15.611	12.0859	28
8F RF	D1	UDCon7	Combination	Max	187.051	93.893	0.008602	7	15.611	12.0859	28
8F RF	D1	UDCon7	Combination	Min	-189.025	-115.855	-0.011846	7	15.611	12.0859	28
8F RF	D1	UDCon8	Combination	Max	180.662	107.643	0.008352	7	15.611	12.0859	28
8F RF	D1	UDCon8	Combination	Min	-195.414	-102.105	-0.012096	7	15.611	12.0859	28
8F RF	D1	UDCon9	Combination	Max	221.828	74.941	0.008624	7	15.611	12.0859	28
8F RF	D1	UDCon9	Combination	Min	-169.131	-78.431	-0.008564	7	15.611	12.0859	28
8F RF	D1	UDCon10	Combination	Max	160.768	70.218	0.00507	7	15.611	12.0859	28
8F RF	D1	UDCon10	Combination	Min	-230.191	-83.153	-0.012118	7	15.611	12.0859	28
7F RF	D1	Dead	LinStatic		-2.838	-1.997	-0.000731	8	15.611	12.0859	24.5
7F RF	D1	Live	LinStatic		-0.876	0.026	-6.4E-05	8	15.611	12.0859	24.5
7F RF	D1	FF	LinStatic		0.651	-1.734	-0.000482	8	15.611	12.0859	24.5
7F RF	D1	PW	LinStatic		1.027	-1.862	-0.00044	8	15.611	12.0859	24.5
7F RF	D1	Earthquake+x	LinStatic		222.934	18.869	-0.006818	8	15.611	12.0859	24.5
7F RF	D1	Earthquake+y	LinStatic		10.673	226.858	-0.004933	8	15.611	12.0859	24.5
7F RF	D1	TH-X Load Case	LinModHist	Max	180.603	93.928	0.010052	8	15.611	12.0859	24.5
7F RF	D1	TH-X Load Case	LinModHist	Min	-178.901	-107.937	-0.00987	8	15.611	12.0859	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Max	214.186	75.894	0.010172	8	15.611	12.0859	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Min	-157.994	-71.5	-0.006651	8	15.611	12.0859	24.5
7F RF	D1	UDCon1	Combination		-1.567	-7.55	-0.002232	8	15.611	12.0859	24.5
7F RF	D1	UDCon2	Combination		-2.881	-7.511	-0.002328	8	15.611	12.0859	24.5
7F RF	D1	UDCon3	Combination	Max	179.179	88.344	0.008379	8	15.611	12.0859	24.5
7F RF	D1	UDCon3	Combination	Min	-180.325	-113.521	-0.011543	8	15.611	12.0859	24.5
7F RF	D1	UDCon4	Combination	Max	177.478	102.352	0.008198	8	15.611	12.0859	24.5
7F RF	D1	UDCon4	Combination	Min	-182.027	-99.513	-0.011724	8	15.611	12.0859	24.5
7F RF	D1	UDCon5	Combination	Max	212.762	70.31	0.008499	8	15.611	12.0859	24.5
7F RF	D1	UDCon5	Combination	Min	-159.417	-77.085	-0.008323	8	15.611	12.0859	24.5
7F RF	D1	UDCon6	Combination	Max	156.57	65.915	0.004979	8	15.611	12.0859	24.5
7F RF	D1	UDCon6	Combination	Min	-215.61	-81.479	-0.011844	8	15.611	12.0859	24.5
7F RF	D1	UDCon7	Combination	Max	179.442	88.336	0.008399	8	15.611	12.0859	24.5
7F RF	D1	UDCon7	Combination	Min	-180.062	-113.529	-0.011523	8	15.611	12.0859	24.5
7F RF	D1	UDCon8	Combination	Max	177.741	102.344	0.008217	8	15.611	12.0859	24.5
7F RF	D1	UDCon8	Combination	Min	-181.764	-99.521	-0.011705	8	15.611	12.0859	24.5
7F RF	D1	UDCon9	Combination	Max	213.025	70.302	0.008518	8	15.611	12.0859	24.5
7F RF	D1	UDCon9	Combination	Min	-159.155	-77.093	-0.008304	8	15.611	12.0859	24.5
7F RF	D1	UDCon10	Combination	Max	156.833	65.908	0.004998	8	15.611	12.0859	24.5
7F RF	D1	UDCon10	Combination	Min	-215.347	-81.487	-0.011825	8	15.611	12.0859	24.5
6F RF	D1	Dead	LinStatic		-1.326	-2.489	-0.000673	9	15.611	12.0859	21
6F RF	D1	Live	LinStatic		-0.594	-0.076	-6E-05	9	15.611	12.0859	21
6F RF	D1	FF	LinStatic		1.205	-2.022	-0.000448	9	15.611	12.0859	21
6F RF	D1	PW	LinStatic		1.427	-2.06	-0.000408	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		210.958	18.622	-0.006625	9	15.611	12.0859	21
6F RF	D1	Earthquake+y	LinStatic		10.664	216.127	-0.004986	9	15.611	12.0859	21
6F RF	D1	TH-X Load Case	LinModHist	Max	169.91	89.894	0.009755	9	15.611	12.0859	21
6F RF	D1	TH-X Load Case	LinModHist	Min	-172.629	-104.127	-0.009637	9	15.611	12.0859	21
6F RF	D1	TH-Y Load Case	LinModHist	Max	202.246	72.742	0.009967	9	15.611	12.0859	21
6F RF	D1	TH-Y Load Case	LinModHist	Min	-150.763	-68.674	-0.006484	9	15.611	12.0859	21
6F RF	D1	UDCon1	Combination		1.762	-8.872	-0.002064	9	15.611	12.0859	21
6F RF	D1	UDCon2	Combination		0.87	-8.986	-0.002154	9	15.611	12.0859	21
6F RF	D1	UDCon3	Combination	Max	171.037	83.299	0.008208	9	15.611	12.0859	21
6F RF	D1	UDCon3	Combination	Min	-171.502	-110.722	-0.011184	9	15.611	12.0859	21
6F RF	D1	UDCon4	Combination	Max	173.756	97.532	0.00809	9	15.611	12.0859	21
6F RF	D1	UDCon4	Combination	Min	-168.783	-96.489	-0.011302	9	15.611	12.0859	21
6F RF	D1	UDCon5	Combination	Max	203.372	66.147	0.00842	9	15.611	12.0859	21
6F RF	D1	UDCon5	Combination	Min	-149.636	-75.269	-0.008031	9	15.611	12.0859	21
6F RF	D1	UDCon6	Combination	Max	151.89	62.079	0.004937	9	15.611	12.0859	21
6F RF	D1	UDCon6	Combination	Min	-201.119	-79.336	-0.011514	9	15.611	12.0859	21
6F RF	D1	UDCon7	Combination	Max	171.215	83.322	0.008226	9	15.611	12.0859	21
6F RF	D1	UDCon7	Combination	Min	-171.324	-110.699	-0.011165	9	15.611	12.0859	21
6F RF	D1	UDCon8	Combination	Max	173.934	97.555	0.008108	9	15.611	12.0859	21
6F RF	D1	UDCon8	Combination	Min	-168.605	-96.466	-0.011284	9	15.611	12.0859	21
6F RF	D1	UDCon9	Combination	Max	203.551	66.17	0.008438	9	15.611	12.0859	21
6F RF	D1	UDCon9	Combination	Min	-149.458	-75.246	-0.008013	9	15.611	12.0859	21
6F RF	D1	UDCon10	Combination	Max	152.068	62.102	0.004955	9	15.611	12.0859	21
6F RF	D1	UDCon10	Combination	Min	-200.941	-79.313	-0.011496	9	15.611	12.0859	21
5F RF	D1	Dead	LinStatic		-0.124	-2.722	-0.000599	10	15.611	12.0859	17.5
5F RF	D1	Live	LinStatic		-0.356	-0.147	-5.5E-05	10	15.611	12.0859	17.5
5F RF	D1	FF	LinStatic		1.579	-2.13	-0.000403	10	15.611	12.0859	17.5
5F RF	D1	PW	LinStatic		1.675	-2.101	-0.000366	10	15.611	12.0859	17.5
5F RF	D1	Earthquake+x	LinStatic		199.009	18.399	-0.006429	10	15.611	12.0859	17.5
5F RF	D1	Earthquake+y	LinStatic		10.598	205.635	-0.005038	10	15.611	12.0859	17.5
5F RF	D1	TH-X Load Case	LinModHist	Max	159.306	85.922	0.009461	10	15.611	12.0859	17.5
5F RF	D1	TH-X Load Case	LinModHist	Min	-166.077	-100.343	-0.009399	10	15.611	12.0859	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Max	190.657	69.603	0.009759	10	15.611	12.0859	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Min	-143.357	-65.859	-0.006318	10	15.611	12.0859	17.5
5F RF	D1	UDCon1	Combination		4.226	-9.385	-0.001848	10	15.611	12.0859	17.5
5F RF	D1	UDCon2	Combination		3.692	-9.605	-0.00193	10	15.611	12.0859	17.5
5F RF	D1	UDCon3	Combination	Max	162.33	78.926	0.008076	10	15.611	12.0859	17.5
5F RF	D1	UDCon3	Combination	Min	-163.054	-107.339	-0.010785	10	15.611	12.0859	17.5
5F RF	D1	UDCon4	Combination	Max	169.101	93.347	0.008014	10	15.611	12.0859	17.5
5F RF	D1	UDCon4	Combination	Min	-156.283	-92.918	-0.010846	10	15.611	12.0859	17.5
5F RF	D1	UDCon5	Combination	Max	193.681	62.607	0.008374	10	15.611	12.0859	17.5
5F RF	D1	UDCon5	Combination	Min	-140.334	-72.855	-0.007703	10	15.611	12.0859	17.5
5F RF	D1	UDCon6	Combination	Max	146.381	58.863	0.004933	10	15.611	12.0859	17.5
5F RF	D1	UDCon6	Combination	Min	-187.634	-76.598	-0.011144	10	15.611	12.0859	17.5
5F RF	D1	UDCon7	Combination	Max	162.437	78.97	0.008092	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	-162.947	-107.295	-0.010768	10	15.611	12.0859	17.5
5F RF	D1	UDCon8	Combination	Max	169.208	93.391	0.008031	10	15.611	12.0859	17.5
5F RF	D1	UDCon8	Combination	Min	-156.176	-92.874	-0.01083	10	15.611	12.0859	17.5
5F RF	D1	UDCon9	Combination	Max	193.788	62.651	0.00839	10	15.611	12.0859	17.5
5F RF	D1	UDCon9	Combination	Min	-140.227	-72.811	-0.007687	10	15.611	12.0859	17.5
5F RF	D1	UDCon10	Combination	Max	146.488	58.907	0.00495	10	15.611	12.0859	17.5
5F RF	D1	UDCon10	Combination	Min	-187.527	-76.554	-0.011127	10	15.611	12.0859	17.5
4F RF	D1	Dead	LinStatic		0.726	-2.659	-0.000508	11	15.611	12.0859	14
4F RF	D1	Live	LinStatic		-0.167	-0.182	-4.7E-05	11	15.611	12.0859	14
4F RF	D1	FF	LinStatic		1.745	-2.029	-0.000346	11	15.611	12.0859	14
4F RF	D1	PW	LinStatic		1.748	-1.96	-0.000313	11	15.611	12.0859	14
4F RF	D1	Earthquake+x	LinStatic		187.278	18.205	-0.006231	11	15.611	12.0859	14
4F RF	D1	Earthquake+y	LinStatic		10.456	195.578	-0.005086	11	15.611	12.0859	14
4F RF	D1	TH-X Load Case	LinModHist	Max	148.968	82.086	0.009173	11	15.611	12.0859	14
4F RF	D1	TH-X Load Case	LinModHist	Min	-159.338	-96.657	-0.009162	11	15.611	12.0859	14
4F RF	D1	TH-Y Load Case	LinModHist	Max	179.367	66.546	0.00955	11	15.611	12.0859	14
4F RF	D1	TH-Y Load Case	LinModHist	Min	-135.909	-63.114	-0.006155	11	15.611	12.0859	14
4F RF	D1	UDCon1	Combination		5.695	-8.976	-0.001576	11	15.611	12.0859	14
4F RF	D1	UDCon2	Combination		5.445	-9.249	-0.001647	11	15.611	12.0859	14
4F RF	D1	UDCon3	Combination	Max	153.136	75.383	0.007992	11	15.611	12.0859	14
4F RF	D1	UDCon3	Combination	Min	-155.169	-103.36	-0.010344	11	15.611	12.0859	14
4F RF	D1	UDCon4	Combination	Max	163.506	89.954	0.00798	11	15.611	12.0859	14
4F RF	D1	UDCon4	Combination	Min	-144.799	-88.789	-0.010355	11	15.611	12.0859	14
4F RF	D1	UDCon5	Combination	Max	183.536	59.843	0.008368	11	15.611	12.0859	14
4F RF	D1	UDCon5	Combination	Min	-131.74	-69.818	-0.007336	11	15.611	12.0859	14
4F RF	D1	UDCon6	Combination	Max	140.078	56.411	0.004973	11	15.611	12.0859	14
4F RF	D1	UDCon6	Combination	Min	-175.198	-73.25	-0.010731	11	15.611	12.0859	14
4F RF	D1	UDCon7	Combination	Max	153.186	75.438	0.008006	11	15.611	12.0859	14
4F RF	D1	UDCon7	Combination	Min	-155.119	-103.305	-0.010329	11	15.611	12.0859	14
4F RF	D1	UDCon8	Combination	Max	163.556	90.008	0.007995	11	15.611	12.0859	14
4F RF	D1	UDCon8	Combination	Min	-144.749	-88.735	-0.010341	11	15.611	12.0859	14
4F RF	D1	UDCon9	Combination	Max	183.586	59.898	0.008382	11	15.611	12.0859	14
4F RF	D1	UDCon9	Combination	Min	-131.69	-69.763	-0.007322	11	15.611	12.0859	14
4F RF	D1	UDCon10	Combination	Max	140.128	56.466	0.004987	11	15.611	12.0859	14
4F RF	D1	UDCon10	Combination	Min	-175.148	-73.195	-0.010717	11	15.611	12.0859	14
3F RF	D1	Dead	LinStatic		1.166	-2.268	-0.000399	12	15.611	12.0859	10.5
3F RF	D1	Live	LinStatic		-0.036	-0.179	-3.8E-05	12	15.611	12.0859	10.5
3F RF	D1	FF	LinStatic		1.667	-1.697	-0.000274	12	15.611	12.0859	10.5
3F RF	D1	PW	LinStatic		1.614	-1.618	-0.000248	12	15.611	12.0859	10.5
3F RF	D1	Earthquake+x	LinStatic		175.944	18.041	-0.006032	12	15.611	12.0859	10.5
3F RF	D1	Earthquake+y	LinStatic		10.239	185.92	-0.005132	12	15.611	12.0859	10.5
3F RF	D1	TH-X Load Case	LinModHist	Max	139.06	78.848	0.008914	12	15.611	12.0859	10.5
3F RF	D1	TH-X Load Case	LinModHist	Min	-152.51	-93.048	-0.008925	12	15.611	12.0859	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Max	168.45	63.825	0.009342	12	15.611	12.0859	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Min	-128.557	-60.422	-0.005995	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		6.004	-7.537	-0.001244	12	15.611	12.0859	10.5
3F RF	D1	UDCon2	Combination		5.95	-7.806	-0.0013	12	15.611	12.0859	10.5
3F RF	D1	UDCon3	Combination	Max	143.497	73.211	0.007981	12	15.611	12.0859	10.5
3F RF	D1	UDCon3	Combination	Min	-148.073	-98.685	-0.009858	12	15.611	12.0859	10.5
3F RF	D1	UDCon4	Combination	Max	156.946	87.412	0.007993	12	15.611	12.0859	10.5
3F RF	D1	UDCon4	Combination	Min	-134.624	-84.484	-0.009846	12	15.611	12.0859	10.5
3F RF	D1	UDCon5	Combination	Max	172.887	58.189	0.008409	12	15.611	12.0859	10.5
3F RF	D1	UDCon5	Combination	Min	-124.12	-66.059	-0.006928	12	15.611	12.0859	10.5
3F RF	D1	UDCon6	Combination	Max	132.994	54.786	0.005063	12	15.611	12.0859	10.5
3F RF	D1	UDCon6	Combination	Min	-164.013	-69.462	-0.010274	12	15.611	12.0859	10.5
3F RF	D1	UDCon7	Combination	Max	143.508	73.265	0.007993	12	15.611	12.0859	10.5
3F RF	D1	UDCon7	Combination	Min	-148.062	-98.631	-0.009847	12	15.611	12.0859	10.5
3F RF	D1	UDCon8	Combination	Max	156.957	87.465	0.008004	12	15.611	12.0859	10.5
3F RF	D1	UDCon8	Combination	Min	-134.613	-84.43	-0.009835	12	15.611	12.0859	10.5
3F RF	D1	UDCon9	Combination	Max	172.897	58.243	0.00842	12	15.611	12.0859	10.5
3F RF	D1	UDCon9	Combination	Min	-124.11	-66.005	-0.006916	12	15.611	12.0859	10.5
3F RF	D1	UDCon10	Combination	Max	133.004	54.839	0.005074	12	15.611	12.0859	10.5
3F RF	D1	UDCon10	Combination	Min	-164.003	-69.408	-0.010263	12	15.611	12.0859	10.5
2F RF	D1	Dead	LinStatic		1.058	-1.626	-0.000268	13	15.6913	12.0023	7
2F RF	D1	Live	LinStatic		0.023	-0.146	-2.5E-05	13	15.6913	12.0023	7
2F RF	D1	FF	LinStatic		1.246	-1.19	-0.000186	13	15.6913	12.0023	7
2F RF	D1	PW	LinStatic		1.185	-1.123	-0.000168	13	15.6913	12.0023	7
2F RF	D1	Earthquake+x	LinStatic		164.681	17.48	-0.005834	13	15.6913	12.0023	7
2F RF	D1	Earthquake+y	LinStatic		9.506	176.82	-0.005168	13	15.6913	12.0023	7
2F RF	D1	TH-X Load Case	LinModHist	Max	129.775	75.5	0.008697	13	15.6913	12.0023	7
2F RF	D1	TH-X Load Case	LinModHist	Min	-145.487	-89.405	-0.008697	13	15.6913	12.0023	7
2F RF	D1	TH-Y Load Case	LinModHist	Max	157.826	61.356	0.009142	13	15.6913	12.0023	7
2F RF	D1	TH-Y Load Case	LinModHist	Min	-121.492	-57.945	-0.005861	13	15.6913	12.0023	7
2F RF	D1	UDCon1	Combination		4.709	-5.318	-0.00084	13	15.6913	12.0023	7
2F RF	D1	UDCon2	Combination		4.744	-5.536	-0.000879	13	15.6913	12.0023	7
2F RF	D1	UDCon3	Combination	Max	133.27	71.517	0.008067	13	15.6913	12.0023	7
2F RF	D1	UDCon3	Combination	Min	-141.992	-93.388	-0.009327	13	15.6913	12.0023	7
2F RF	D1	UDCon4	Combination	Max	148.982	85.422	0.008067	13	15.6913	12.0023	7
2F RF	D1	UDCon4	Combination	Min	-126.28	-79.483	-0.009327	13	15.6913	12.0023	7
2F RF	D1	UDCon5	Combination	Max	161.32	57.373	0.008511	13	15.6913	12.0023	7
2F RF	D1	UDCon5	Combination	Min	-117.997	-61.928	-0.006492	13	15.6913	12.0023	7
2F RF	D1	UDCon6	Combination	Max	124.987	53.962	0.005231	13	15.6913	12.0023	7
2F RF	D1	UDCon6	Combination	Min	-154.331	-65.339	-0.009772	13	15.6913	12.0023	7
2F RF	D1	UDCon7	Combination	Max	133.263	71.561	0.008074	13	15.6913	12.0023	7
2F RF	D1	UDCon7	Combination	Min	-141.999	-93.345	-0.00932	13	15.6913	12.0023	7
2F RF	D1	UDCon8	Combination	Max	148.975	85.466	0.008074	13	15.6913	12.0023	7
2F RF	D1	UDCon8	Combination	Min	-126.287	-79.44	-0.009319	13	15.6913	12.0023	7
2F RF	D1	UDCon9	Combination	Max	161.313	57.416	0.008519	13	15.6913	12.0023	7
2F RF	D1	UDCon9	Combination	Min	-118.004	-61.885	-0.006484	13	15.6913	12.0023	7
2F RF	D1	UDCon10	Combination	Max	124.98	54.006	0.005239	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	-154.338	-65.295	-0.009764	13	15.6913	12.0023	7
1F RF	D1	Dead	LinStatic		0.53	-0.553	-0.000106	14	15.7127	12.0198	3.5
1F RF	D1	Live	LinStatic		0.024	-0.063	-1E-05	14	15.7127	12.0198	3.5
1F RF	D1	FF	LinStatic		0.57	-0.401	-7.4E-05	14	15.7127	12.0198	3.5
1F RF	D1	PW	LinStatic		0.538	-0.382	-6.7E-05	14	15.7127	12.0198	3.5
1F RF	D1	Earthquake+x	LinStatic		154.383	17.354	-0.005593	14	15.7127	12.0198	3.5
1F RF	D1	Earthquake+y	LinStatic		9.26	168.439	-0.005189	14	15.7127	12.0198	3.5
1F RF	D1	TH-X Load Case	LinModHist	Max	120.872	72.626	0.008476	14	15.7127	12.0198	3.5
1F RF	D1	TH-X Load Case	LinModHist	Min	-138.639	-86.122	-0.008444	14	15.7127	12.0198	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Max	147.865	58.868	0.008925	14	15.7127	12.0198	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Min	-114.5	-55.422	-0.005731	14	15.7127	12.0198	3.5
1F RF	D1	UDCon1	Combination		2.212	-1.804	-0.000334	14	15.7127	12.0198	3.5
1F RF	D1	UDCon2	Combination		2.247	-1.899	-0.00035	14	15.7127	12.0198	3.5
1F RF	D1	UDCon3	Combination	Max	122.517	71.27	0.008226	14	15.7127	12.0198	3.5
1F RF	D1	UDCon3	Combination	Min	-136.993	-87.478	-0.008694	14	15.7127	12.0198	3.5
1F RF	D1	UDCon4	Combination	Max	140.284	84.767	0.008193	14	15.7127	12.0198	3.5
1F RF	D1	UDCon4	Combination	Min	-119.226	-73.981	-0.008727	14	15.7127	12.0198	3.5
1F RF	D1	UDCon5	Combination	Max	149.51	57.512	0.008674	14	15.7127	12.0198	3.5
1F RF	D1	UDCon5	Combination	Min	-112.854	-56.777	-0.005982	14	15.7127	12.0198	3.5
1F RF	D1	UDCon6	Combination	Max	116.145	54.066	0.005481	14	15.7127	12.0198	3.5
1F RF	D1	UDCon6	Combination	Min	-146.219	-60.223	-0.009176	14	15.7127	12.0198	3.5
1F RF	D1	UDCon7	Combination	Max	122.51	71.289	0.008229	14	15.7127	12.0198	3.5
1F RF	D1	UDCon7	Combination	Min	-137.001	-87.459	-0.008691	14	15.7127	12.0198	3.5
1F RF	D1	UDCon8	Combination	Max	140.277	84.786	0.008196	14	15.7127	12.0198	3.5
1F RF	D1	UDCon8	Combination	Min	-119.233	-73.962	-0.008724	14	15.7127	12.0198	3.5
1F RF	D1	UDCon9	Combination	Max	149.503	57.531	0.008677	14	15.7127	12.0198	3.5
1F RF	D1	UDCon9	Combination	Min	-112.861	-56.758	-0.005979	14	15.7127	12.0198	3.5
1F RF	D1	UDCon10	Combination	Max	116.138	54.085	0.005484	14	15.7127	12.0198	3.5
1F RF	D1	UDCon10	Combination	Min	-146.226	-60.204	-0.009173	14	15.7127	12.0198	3.5
Base	D1	Dead	LinStatic		1.486	0.584	-0.000134	15	20.0769	9.39	0
Base	D1	Live	LinStatic		0.19	0.107	-2E-05	15	20.0769	9.39	0
Base	D1	FF	LinStatic		0.949	0.184	-7.7E-05	15	20.0769	9.39	0
Base	D1	PW	LinStatic		0.809	0.183	-6.4E-05	15	20.0769	9.39	0
Base	D1	Earthquake+x	LinStatic		121.191	-4.451	-0.001316	15	20.0769	9.39	0
Base	D1	Earthquake+y	LinStatic		-3.483	129.956	-0.005285	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Max	106.712	59.262	0.008827	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Min	-114.54	-59.93	-0.007781	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Max	122.399	55.216	0.008177	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Min	-101.464	-51.009	-0.006441	15	20.0769	9.39	0
Base	D1	UDCon1	Combination		4.381	1.284	-0.000371	15	20.0769	9.39	0
Base	D1	UDCon2	Combination		4.665	1.445	-0.000401	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Max	110.014	60.245	0.008546	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Min	-111.238	-58.947	-0.008062	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Max	117.842	60.913	0.0075	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Min	-103.41	-58.279	-0.009108	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	125.701	56.199	0.007897	15	20.0769	9.39	0
Base	D1	UDCon5	Combination	Min	-98.162	-50.026	-0.006722	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Max	104.766	51.992	0.00616	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Min	-119.097	-54.233	-0.008458	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Max	109.957	60.213	0.008552	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Min	-111.295	-58.979	-0.008056	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Max	117.785	60.881	0.007506	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Min	-103.467	-58.311	-0.009102	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Max	125.644	56.167	0.007902	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Min	-98.219	-50.058	-0.006716	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Max	104.709	51.96	0.006166	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Min	-119.154	-54.265	-0.008452	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	0.000783	0.000768	1.019	43	26.8	5	49
14	Dead	LinStatic		Diaph D1 Y	0.000435	0.000413	1.055	38	3.75	14.8	49
14	Live	LinStatic		Diaph D1 X	0.000133	0.000128	1.037	11	7	19.6	49
14	Live	LinStatic		Diaph D1 Y	7E-05	6.2E-05	1.12	43	26.8	5	49
14	FF	LinStatic		Diaph D1 X	0.000365	0.00035	1.043	11	7	19.6	49
14	FF	LinStatic		Diaph D1 Y	0.000293	0.00027	1.086	45	26.8	14.8	49
14	PW	LinStatic		Diaph D1 X	0.000283	0.000275	1.03	11	7	19.6	49
14	PW	LinStatic		Diaph D1 Y	0.000232	0.000219	1.06	45	26.8	14.8	49
14	Earthquake+x	LinStatic		Diaph D1 X	0.002976	0.002656	1.121	44	26.8	19.6	49
14	Earthquake+y	LinStatic		Diaph D1 Y	0.003012	0.002899	1.039	47	26.8	10	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002449	0.00241	1.016	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001333	0.001208	1.104	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002441	0.002326	1.05	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001566	0.001292	1.212	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002842	0.002651	1.072	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-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00135	0.001128	1.197	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001702	0.001608	1.059	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001382	0.001051	1.315	47	26.8	10	49
14	UDCon1	Combination		Diaph D1 X	0.001894	0.00188	1.007	11	7	19.6	49
14	UDCon1	Combination		Diaph D1 Y	0.001239	0.001216	1.019	42	24.7	5	49
14	UDCon2	Combination		Diaph D1 X	0.002094	0.002072	1.01	11	7	19.6	49
14	UDCon2	Combination		Diaph D1 Y	0.001342	0.001309	1.025	45	26.8	14.8	49
14	UDCon3	Combination	Max	Diaph D1 X	0.00101	0.000979	1.031	44	26.8	19.6	49
14	UDCon3	Combination	Max	Diaph D1 Y	0.002271	0.002134	1.064	45	26.8	14.8	49
14	UDCon3	Combination	Min	Diaph D1 X	0.003882	0.003757	1.033	11	7	19.6	49
14	UDCon4	Combination	Max	Diaph D1 X	0.001003	0.000896	1.12	44	26.8	19.6	49
14	UDCon4	Combination	Max	Diaph D1 Y	0.002504	0.002222	1.127	45	26.8	14.8	49
14	UDCon4	Combination	Min	Diaph D1 X	0.00389	0.003841	1.013	11	7	19.6	49
14	UDCon5	Combination	Max	Diaph D1 X	0.001403	0.001221	1.149	44	26.8	19.6	49
14	UDCon5	Combination	Max	Diaph D1 Y	0.002288	0.002052	1.115	45	26.8	14.8	49
14	UDCon5	Combination	Min	Diaph D1 X	0.003144	0.003039	1.035	11	7	19.6	49
14	UDCon6	Combination	Max	Diaph D1 Y	0.002319	0.001974	1.175	45	26.8	14.8	49
14	UDCon6	Combination	Min	Diaph D1 X	0.004283	0.004083	1.049	11	7	19.6	49
14	UDCon7	Combination	Max	Diaph D1 X	0.00105	0.001018	1.031	44	26.8	19.6	49
14	UDCon7	Combination	Max	Diaph D1 Y	0.00225	0.002115	1.064	45	26.8	14.8	49
14	UDCon7	Combination	Min	Diaph D1 X	0.003842	0.003719	1.033	11	7	19.6	49
14	UDCon7	Combination	Min	Diaph D1 Y	0.000654	0.000384	1.702	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	UDCon8	Combination	Max	Diaph D1 X	0.001043	0.000934	1.116	44	26.8	19.6	49
14	UDCon8	Combination	Max	Diaph D1 Y	0.002483	0.002202	1.128	45	26.8	14.8	49
14	UDCon8	Combination	Min	Diaph D1 X	0.00385	0.003803	1.013	11	7	19.6	49
14	UDCon9	Combination	Max	Diaph D1 X	0.001443	0.001259	1.146	44	26.8	19.6	49
14	UDCon9	Combination	Max	Diaph D1 Y	0.002267	0.002033	1.115	45	26.8	14.8	49
14	UDCon9	Combination	Min	Diaph D1 X	0.003105	0.003001	1.035	11	7	19.6	49
14	UDCon10	Combination	Max	Diaph D1 X	0.000303	0.000215	1.407	44	26.8	19.6	49
14	UDCon10	Combination	Max	Diaph D1 Y	0.002299	0.001955	1.176	45	26.8	14.8	49
14	UDCon10	Combination	Min	Diaph D1 X	0.004243	0.004044	1.049	11	7	19.6	49
13	Dead	LinStatic		Diaph D1 X	0.000768	0.000747	1.029	41	7	5	45.5
13	Dead	LinStatic		Diaph D1 Y	0.000429	0.000395	1.085	40	3.75	5	45.5
13	Live	LinStatic		Diaph D1 X	0.000129	0.000125	1.031	11	7	19.6	45.5
13	Live	LinStatic		Diaph D1 Y	6.6E-05	6E-05	1.101	45	26.8	14.8	45.5
13	FF	LinStatic		Diaph D1 X	0.000347	0.000338	1.027	11	7	19.6	45.5
13	FF	LinStatic		Diaph D1 Y	0.000272	0.000258	1.057	45	26.8	14.8	45.5
13	PW	LinStatic		Diaph D1 X	0.000268	0.000265	1.012	11	7	19.6	45.5
13	PW	LinStatic		Diaph D1 Y	0.000214	0.000208	1.026	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		Diaph D1 X	0.003132	0.002799	1.119	44	26.8	19.6	45.5
13	Earthquake+y	LinStatic		Diaph D1 Y	0.003086	0.002961	1.042	43	26.8	5	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002581	0.002539	1.017	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001369	0.001235	1.108	43	26.8	5	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002556	0.002441	1.047	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001606	0.001323	1.214	43	26.8	5	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-Y Load Case	LinModHist	Max	Diaph D1 X	0.002992	0.002795	1.071	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001383	0.001153	1.2	43	26.8	5	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001793	0.001693	1.059	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001418	0.001075	1.319	47	26.8	10	45.5
13	UDCon1	Combination		Diaph D1 X	0.001837	0.001822	1.008	41	7	5	45.5
13	UDCon1	Combination		Diaph D1 Y	0.001186	0.001163	1.02	40	3.75	5	45.5
13	UDCon2	Combination		Diaph D1 X	0.002019	0.00201	1.005	41	7	5	45.5
13	UDCon2	Combination		Diaph D1 Y	0.001268	0.001253	1.012	40	3.75	5	45.5
13	UDCon3	Combination	Max	Diaph D1 X	0.001202	0.001151	1.044	44	26.8	19.6	45.5
13	UDCon3	Combination	Max	Diaph D1 Y	0.002237	0.002111	1.06	45	26.8	14.8	45.5
13	UDCon3	Combination	Min	Diaph D1 X	0.003935	0.003827	1.028	6	20.5	19.6	45.5
13	UDCon3	Combination	Min	Diaph D1 Y	0.000741	0.000452	1.641	44	26.8	19.6	45.5
13	UDCon4	Combination	Max	Diaph D1 X	0.001178	0.001053	1.118	44	26.8	19.6	45.5
13	UDCon4	Combination	Max	Diaph D1 Y	0.002475	0.002196	1.127	45	26.8	14.8	45.5
13	UDCon4	Combination	Min	Diaph D1 X	0.00396	0.003925	1.009	6	20.5	19.6	45.5
13	UDCon5	Combination	Max	Diaph D1 X	0.001614	0.001407	1.147	44	26.8	19.6	45.5
13	UDCon5	Combination	Max	Diaph D1 Y	0.002251	0.002029	1.11	45	26.8	14.8	45.5
13	UDCon5	Combination	Min	Diaph D1 X	0.003172	0.00308	1.03	6	20.5	19.6	45.5
13	UDCon6	Combination	Max	Diaph D1 X	0.000415	0.000306	1.355	44	26.8	19.6	45.5
13	UDCon6	Combination	Max	Diaph D1 Y	0.002286	0.001953	1.171	45	26.8	14.8	45.5
13	UDCon6	Combination	Min	Diaph D1 X	0.004371	0.004181	1.045	6	20.5	19.6	45.5
13	UDCon7	Combination	Max	Diaph D1 X	0.001241	0.001189	1.044	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	UDCon7	Combination	Max	Diaph D1 Y	0.002218	0.002092	1.06	45	26.8	14.8	45.5
13	UDCon7	Combination	Min	Diaph D1 X	0.003896	0.00379	1.028	6	20.5	19.6	45.5
13	UDCon7	Combination	Min	Diaph D1 Y	0.000761	0.000471	1.617	44	26.8	19.6	45.5
13	UDCon8	Combination	Max	Diaph D1 X	0.001216	0.001091	1.115	44	26.8	19.6	45.5
13	UDCon8	Combination	Max	Diaph D1 Y	0.002455	0.002177	1.128	45	26.8	14.8	45.5
13	UDCon8	Combination	Min	Diaph D1 X	0.003921	0.003887	1.009	6	20.5	19.6	45.5
13	UDCon9	Combination	Max	Diaph D1 X	0.001652	0.001445	1.144	44	26.8	19.6	45.5
13	UDCon9	Combination	Max	Diaph D1 Y	0.002231	0.00201	1.11	45	26.8	14.8	45.5
13	UDCon9	Combination	Min	Diaph D1 X	0.003134	0.003042	1.03	6	20.5	19.6	45.5
13	UDCon10	Combination	Max	Diaph D1 X	0.000453	0.000344	1.319	44	26.8	19.6	45.5
13	UDCon10	Combination	Max	Diaph D1 Y	0.002266	0.001935	1.172	45	26.8	14.8	45.5
13	UDCon10	Combination	Min	Diaph D1 X	0.004333	0.004144	1.046	6	20.5	19.6	45.5
12F RF	Dead	LinStatic		Diaph D1 X	0.000748	0.000717	1.043	43	26.8	5	42
12F RF	Dead	LinStatic		Diaph D1 Y	0.00042	0.000371	1.132	40	3.75	5	42
12F RF	Live	LinStatic		Diaph D1 X	0.000124	0.000121	1.022	11	7	19.6	42
12F RF	Live	LinStatic		Diaph D1 Y	6.1E-05	5.7E-05	1.076	45	26.8	14.8	42
12F RF	FF	LinStatic		Diaph D1 X	0.000322	0.000321	1.005	11	7	19.6	42
12F RF	FF	LinStatic		Diaph D1 Y	0.000244	0.000241	1.013	45	26.8	14.8	42
12F RF	PW	LinStatic		Diaph D1 X	0.000255	0.000251	1.017	43	26.8	5	42
12F RF	PW	LinStatic		Diaph D1 Y	0.000201	0.000194	1.034	40	3.75	5	42
12F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003291	0.002945	1.117	44	26.8	19.6	42
12F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003159	0.003019	1.046	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002713	0.002669	1.017	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	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001404	0.001262	1.112	48	26.8	12	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002664	0.002553	1.044	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001645	0.001353	1.215	43	26.8	5	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003145	0.002942	1.069	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001415	0.001175	1.204	43	26.8	5	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001887	0.001782	1.059	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001454	0.001099	1.324	47	26.8	10	42
12F RF	UDCon1	Combination		Diaph D1 X	0.001786	0.001739	1.027	43	26.8	5	42
12F RF	UDCon1	Combination		Diaph D1 Y	0.001164	0.00109	1.068	40	3.75	5	42
12F RF	UDCon2	Combination		Diaph D1 X	0.001964	0.001921	1.023	43	26.8	5	42
12F RF	UDCon2	Combination		Diaph D1 Y	0.001244	0.001176	1.058	40	3.75	5	42
12F RF	UDCon3	Combination	Max	Diaph D1 X	0.001422	0.001344	1.058	44	26.8	19.6	42
12F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002179	0.00207	1.053	45	26.8	14.8	42
12F RF	UDCon3	Combination	Min	Diaph D1 X	0.003956	0.003877	1.02	6	20.5	19.6	42
12F RF	UDCon3	Combination	Min	Diaph D1 Y	0.000873	0.000557	1.567	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	Diaph D1 X	0.001373	0.001228	1.118	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00242	0.002151	1.125	45	26.8	14.8	42
12F RF	UDCon4	Combination	Min	Diaph D1 X	0.004005	0.003993	1.003	6	20.5	19.6	42
12F RF	UDCon4	Combination	Min	Diaph D1 Y	0.000632	0.000457	1.385	44	26.8	19.6	42
12F RF	UDCon5	Combination	Max	Diaph D1 X	0.001853	0.001617	1.146	44	26.8	19.6	42
12F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002189	0.001985	1.103	45	26.8	14.8	42
12F RF	UDCon5	Combination	Min	Diaph D1 X	0.003179	0.003106	1.024	11	7	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	UDCon6	Combination	Max	Diaph D1 X	0.000595	0.000456	1.303	44	26.8	19.6	42
12F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002229	0.001915	1.164	45	26.8	14.8	42
12F RF	UDCon6	Combination	Min	Diaph D1 X	0.004437	0.004266	1.04	6	20.5	19.6	42
12F RF	UDCon7	Combination	Max	Diaph D1 X	0.001459	0.00138	1.057	44	26.8	19.6	42
12F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002161	0.002052	1.053	45	26.8	14.8	42
12F RF	UDCon7	Combination	Min	Diaph D1 X	0.003919	0.003841	1.02	6	20.5	19.6	42
12F RF	UDCon7	Combination	Min	Diaph D1 Y	0.000891	0.000575	1.551	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	Diaph D1 X	0.00141	0.001264	1.115	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002401	0.002134	1.126	45	26.8	14.8	42
12F RF	UDCon8	Combination	Min	Diaph D1 X	0.003968	0.003957	1.003	6	20.5	19.6	42
12F RF	UDCon8	Combination	Min	Diaph D1 Y	0.000651	0.000474	1.372	44	26.8	19.6	42
12F RF	UDCon9	Combination	Max	Diaph D1 X	0.00189	0.001653	1.144	44	26.8	19.6	42
12F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002171	0.001968	1.103	45	26.8	14.8	42
12F RF	UDCon9	Combination	Min	Diaph D1 X	0.003142	0.00307	1.024	11	7	19.6	42
12F RF	UDCon10	Combination	Max	Diaph D1 X	0.000632	0.000493	1.283	44	26.8	19.6	42
12F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002211	0.001898	1.165	45	26.8	14.8	42
12F RF	UDCon10	Combination	Min	Diaph D1 X	0.0044	0.00423	1.04	6	20.5	19.6	42
11F RF	Dead	LinStatic		Diaph D1 X	0.000722	0.000678	1.064	43	26.8	5	38.5
11F RF	Dead	LinStatic		Diaph D1 Y	0.00041	0.000341	1.2	40	3.75	5	38.5
11F RF	Live	LinStatic		Diaph D1 X	0.000117	0.000115	1.011	11	7	19.6	38.5
11F RF	Live	LinStatic		Diaph D1 Y	5.5E-05	5.3E-05	1.039	45	26.8	14.8	38.5
11F RF	FF	LinStatic		Diaph D1 X	0.000308	0.000299	1.03	43	26.8	5	38.5
11F RF	FF	LinStatic		Diaph D1 Y	0.000235	0.000221	1.063	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	PW	LinStatic		Diaph D1 X	0.000245	0.000232	1.054	43	26.8	5	38.5
11F RF	PW	LinStatic		Diaph D1 Y	0.000196	0.000177	1.112	40	3.75	5	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003445	0.003087	1.116	44	26.8	19.6	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003221	0.003069	1.05	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002839	0.002792	1.017	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001435	0.001286	1.116	48	26.8	12	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00276	0.002654	1.04	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001679	0.001381	1.216	48	26.8	12	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003292	0.003083	1.068	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001441	0.001193	1.208	43	26.8	5	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001977	0.001867	1.059	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001487	0.00112	1.329	48	26.8	12	38.5
11F RF	UDCon1	Combination		Diaph D1 X	0.001721	0.001633	1.054	43	26.8	5	38.5
11F RF	UDCon1	Combination		Diaph D1 Y	0.001135	0.000998	1.138	40	3.75	5	38.5
11F RF	UDCon2	Combination		Diaph D1 X	0.001892	0.001806	1.048	43	26.8	5	38.5
11F RF	UDCon2	Combination		Diaph D1 Y	0.001213	0.001078	1.125	40	3.75	5	38.5
11F RF	UDCon3	Combination	Max	Diaph D1 X	0.001659	0.001547	1.072	44	26.8	19.6	38.5
11F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002169	0.002031	1.068	40	3.75	5	38.5
11F RF	UDCon3	Combination	Min	Diaph D1 X	0.003941	0.003898	1.011	6	20.5	19.6	38.5
11F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001024	0.000679	1.509	44	26.8	19.6	38.5
11F RF	UDCon4	Combination	Max	Diaph D1 X	0.001579	0.001409	1.12	44	26.8	19.6	38.5
11F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002336	0.002084	1.121	45	26.8	14.8	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	UDCon4	Combination	Min	Diaph D1 X	0.004053	0.004035	1.004	41	7	5	38.5
11F RF	UDCon4	Combination	Min	Diaph D1 Y	0.000781	0.000566	1.38	44	26.8	19.6	38.5
11F RF	UDCon5	Combination	Max	Diaph D1 X	0.002111	0.001838	1.149	44	26.8	19.6	38.5
11F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002099	0.00192	1.093	45	26.8	14.8	38.5
11F RF	UDCon5	Combination	Min	Diaph D1 X	0.003159	0.00311	1.016	11	7	19.6	38.5
11F RF	UDCon5	Combination	Min	Diaph D1 Y	0.000832	0.00038	2.191	44	26.8	19.6	38.5
11F RF	UDCon6	Combination	Max	Diaph D1 X	0.000797	0.000622	1.28	33	3.75	19.6	38.5
11F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002145	0.00186	1.153	45	26.8	14.8	38.5
11F RF	UDCon6	Combination	Min	Diaph D1 X	0.004473	0.004327	1.034	11	7	19.6	38.5
11F RF	UDCon6	Combination	Min	Diaph D1 Y	0.000786	0.000442	1.78	44	26.8	19.6	38.5
11F RF	UDCon7	Combination	Max	Diaph D1 X	0.001693	0.001581	1.071	44	26.8	19.6	38.5
11F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002154	0.002015	1.069	40	3.75	5	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 X	0.003906	0.003864	1.011	6	20.5	19.6	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 Y	0.00104	0.000695	1.497	44	26.8	19.6	38.5
11F RF	UDCon8	Combination	Max	Diaph D1 X	0.001614	0.001444	1.118	44	26.8	19.6	38.5
11F RF	UDCon8	Combination	Max	Diaph D1 Y	0.00232	0.002067	1.122	45	26.8	14.8	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 X	0.004019	0.004001	1.005	41	7	5	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 Y	0.000798	0.000582	1.37	44	26.8	19.6	38.5
11F RF	UDCon9	Combination	Max	Diaph D1 X	0.002146	0.001873	1.146	44	26.8	19.6	38.5
11F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002082	0.001904	1.093	45	26.8	14.8	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 X	0.003124	0.003076	1.016	11	7	19.6	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 Y	0.000849	0.000396	2.144	44	26.8	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	UDCon10	Combination	Max	Diaph D1 X	0.000832	0.000657	1.266	33	3.75	19.6	38.5
11F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002128	0.001844	1.154	45	26.8	14.8	38.5
11F RF	UDCon10	Combination	Min	Diaph D1 X	0.004438	0.004292	1.034	6	20.5	19.6	38.5
11F RF	UDCon10	Combination	Min	Diaph D1 Y	0.000803	0.000458	1.754	44	26.8	19.6	38.5
10F RF	Dead	LinStatic		Diaph D1 X	0.000689	0.000631	1.093	43	26.8	5	35
10F RF	Dead	LinStatic		Diaph D1 Y	0.000396	0.000305	1.3	40	3.75	5	35
10F RF	Live	LinStatic		Diaph D1 X	0.000109	0.000109	1.006	43	26.8	5	35
10F RF	Live	LinStatic		Diaph D1 Y	5E-05	4.9E-05	1.021	40	3.75	5	35
10F RF	FF	LinStatic		Diaph D1 X	0.000293	0.000272	1.076	43	26.8	5	35
10F RF	FF	LinStatic		Diaph D1 Y	0.000228	0.000196	1.163	40	3.75	5	35
10F RF	PW	LinStatic		Diaph D1 X	0.000233	0.00021	1.109	43	26.8	5	35
10F RF	PW	LinStatic		Diaph D1 Y	0.000191	0.000155	1.23	40	3.75	5	35
10F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003585	0.003214	1.115	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003266	0.003103	1.053	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00295	0.002899	1.018	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001461	0.001304	1.12	48	26.8	12	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002837	0.002738	1.036	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001704	0.001402	1.216	43	26.8	5	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003424	0.003209	1.067	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00146	0.001205	1.211	43	26.8	5	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002059	0.001952	1.055	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001515	0.001136	1.334	48	26.8	12	35
10F RF	UDCon1	Combination		Diaph D1 X	0.00164	0.001503	1.092	43	26.8	5	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	UDCon1	Combination		Diaph D1 Y	0.0011	0.000885	1.243	40	3.75	5	35
10F RF	UDCon2	Combination		Diaph D1 X	0.001805	0.001666	1.083	43	26.8	5	35
10F RF	UDCon2	Combination		Diaph D1 Y	0.001175	0.000958	1.226	40	3.75	5	35
10F RF	UDCon3	Combination	Max	Diaph D1 X	0.001906	0.001753	1.087	33	3.75	19.6	35
10F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002161	0.001977	1.093	40	3.75	5	35
10F RF	UDCon3	Combination	Min	Diaph D1 X	0.003887	0.003871	1.004	42	24.7	5	35
10F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001193	0.000816	1.463	48	26.8	12	35
10F RF	UDCon4	Combination	Max	Diaph D1 X	0.001792	0.001591	1.126	33	3.75	19.6	35
10F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00222	0.00199	1.115	45	26.8	14.8	35
10F RF	UDCon4	Combination	Min	Diaph D1 X	0.004096	0.004045	1.013	42	24.7	5	35
10F RF	UDCon4	Combination	Min	Diaph D1 Y	0.00095	0.000688	1.38	48	26.8	12	35
10F RF	UDCon5	Combination	Max	Diaph D1 X	0.00238	0.002063	1.154	33	3.75	19.6	35
10F RF	UDCon5	Combination	Max	Diaph D1 Y	0.001975	0.001832	1.079	45	26.8	14.8	35
10F RF	UDCon5	Combination	Min	Diaph D1 X	0.003104	0.003087	1.006	11	7	19.6	35
10F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001004	0.000489	2.051	48	26.8	12	35
10F RF	UDCon6	Combination	Max	Diaph D1 X	0.001014	0.000806	1.258	33	3.75	19.6	35
10F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00203	0.001783	1.138	45	26.8	14.8	35
10F RF	UDCon6	Combination	Min	Diaph D1 X	0.00447	0.004354	1.027	11	7	19.6	35
10F RF	UDCon6	Combination	Min	Diaph D1 Y	0.000948	0.000538	1.763	48	26.8	12	35
10F RF	UDCon7	Combination	Max	Diaph D1 X	0.001938	0.001785	1.086	33	3.75	19.6	35
10F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002146	0.001962	1.094	40	3.75	5	35
10F RF	UDCon7	Combination	Min	Diaph D1 X	0.003854	0.003839	1.004	42	24.7	5	35
10F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001208	0.00083	1.455	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	UDCon8	Combination	Max	Diaph D1 X	0.001825	0.001624	1.124	33	3.75	19.6	35
10F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002205	0.001976	1.116	45	26.8	14.8	35
10F RF	UDCon8	Combination	Min	Diaph D1 X	0.004063	0.004012	1.013	42	24.7	5	35
10F RF	UDCon8	Combination	Min	Diaph D1 Y	0.000964	0.000703	1.371	48	26.8	12	35
10F RF	UDCon9	Combination	Max	Diaph D1 X	0.002412	0.002095	1.151	33	3.75	19.6	35
10F RF	UDCon9	Combination	Max	Diaph D1 Y	0.001961	0.001817	1.079	45	26.8	14.8	35
10F RF	UDCon9	Combination	Min	Diaph D1 X	0.003072	0.003054	1.006	11	7	19.6	35
10F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001018	0.000504	2.02	48	26.8	12	35
10F RF	UDCon10	Combination	Max	Diaph D1 X	0.001047	0.000839	1.248	33	3.75	19.6	35
10F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002015	0.001768	1.14	45	26.8	14.8	35
10F RF	UDCon10	Combination	Min	Diaph D1 X	0.004437	0.004321	1.027	11	7	19.6	35
10F RF	UDCon10	Combination	Min	Diaph D1 Y	0.000963	0.000553	1.742	48	26.8	12	35
9F RF	Dead	LinStatic		Diaph D1 X	0.000651	0.000574	1.133	43	26.8	5	31.5
9F RF	Dead	LinStatic		Diaph D1 Y	0.000381	0.000261	1.462	40	3.75	5	31.5
9F RF	Live	LinStatic		Diaph D1 X	0.000104	0.000101	1.028	43	26.8	5	31.5
9F RF	Live	LinStatic		Diaph D1 Y	4.8E-05	4.3E-05	1.101	40	3.75	5	31.5
9F RF	FF	LinStatic		Diaph D1 X	0.000275	0.00024	1.144	43	26.8	5	31.5
9F RF	FF	LinStatic		Diaph D1 Y	0.00022	0.000165	1.329	40	3.75	5	31.5
9F RF	PW	LinStatic		Diaph D1 X	0.000218	0.000183	1.192	43	26.8	5	31.5
9F RF	PW	LinStatic		Diaph D1 Y	0.000184	0.000129	1.43	40	3.75	5	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003703	0.003319	1.116	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003288	0.003117	1.055	43	26.8	5	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003038	0.002983	1.019	44	26.8	19.6	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	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001478	0.001315	1.124	48	26.8	12	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00289	0.002797	1.033	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001719	0.001415	1.215	48	26.8	12	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003533	0.003311	1.067	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001468	0.001208	1.215	43	26.8	5	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002125	0.002025	1.049	44	26.8	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001534	0.001146	1.339	48	26.8	12	31.5
9F RF	UDCon1	Combination		Diaph D1 X	0.001544	0.001347	1.147	43	26.8	5	31.5
9F RF	UDCon1	Combination		Diaph D1 Y	0.001059	0.000749	1.415	40	3.75	5	31.5
9F RF	UDCon2	Combination		Diaph D1 X	0.0017	0.001498	1.135	43	26.8	5	31.5
9F RF	UDCon2	Combination		Diaph D1 Y	0.001131	0.000814	1.39	40	3.75	5	31.5
9F RF	UDCon3	Combination	Max	Diaph D1 X	0.002157	0.001955	1.104	33	3.75	19.6	31.5
9F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002142	0.001899	1.128	40	3.75	5	31.5
9F RF	UDCon3	Combination	Min	Diaph D1 X	0.003881	0.003826	1.014	42	24.7	5	31.5
9F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001383	0.000966	1.431	48	26.8	12	31.5
9F RF	UDCon4	Combination	Max	Diaph D1 X	0.002009	0.001769	1.136	33	3.75	19.6	31.5
9F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002167	0.001916	1.131	40	3.75	5	31.5
9F RF	UDCon4	Combination	Min	Diaph D1 X	0.004103	0.004011	1.023	42	24.7	5	31.5
9F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001141	0.000825	1.383	48	26.8	12	31.5
9F RF	UDCon5	Combination	Max	Diaph D1 X	0.002652	0.002283	1.161	33	3.75	19.6	31.5
9F RF	UDCon5	Combination	Max	Diaph D1 Y	0.001816	0.001712	1.061	45	26.8	14.8	31.5
9F RF	UDCon5	Combination	Min	Diaph D1 X	0.003101	0.003053	1.016	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	UDCon5	Combination	Min	Diaph D1 Y	0.001197	0.000612	1.956	48	26.8	12	31.5
9F RF	UDCon6	Combination	Max	Diaph D1 X	0.001244	0.000997	1.247	33	3.75	19.6	31.5
9F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00188	0.001683	1.117	45	26.8	14.8	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 X	0.004416	0.004339	1.018	44	26.8	19.6	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001131	0.000644	1.758	48	26.8	12	31.5
9F RF	UDCon7	Combination	Max	Diaph D1 X	0.002187	0.001985	1.102	33	3.75	19.6	31.5
9F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002127	0.001886	1.128	40	3.75	5	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 X	0.00385	0.003795	1.014	42	24.7	5	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001395	0.000979	1.425	48	26.8	12	31.5
9F RF	UDCon8	Combination	Max	Diaph D1 X	0.002039	0.0018	1.133	33	3.75	19.6	31.5
9F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002153	0.001902	1.132	40	3.75	5	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 X	0.004072	0.003981	1.023	42	24.7	5	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001153	0.000838	1.376	48	26.8	12	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 X	0.002681	0.002314	1.159	33	3.75	19.6	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 Y	0.001804	0.0017	1.062	45	26.8	14.8	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 X	0.00307	0.003023	1.015	43	26.8	5	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001209	0.000625	1.934	48	26.8	12	31.5
9F RF	UDCon10	Combination	Max	Diaph D1 X	0.001274	0.001028	1.239	33	3.75	19.6	31.5
9F RF	UDCon10	Combination	Max	Diaph D1 Y	0.001869	0.00167	1.119	45	26.8	14.8	31.5
9F RF	UDCon10	Combination	Min	Diaph D1 X	0.004387	0.004309	1.018	44	26.8	19.6	31.5
9F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001143	0.000657	1.741	48	26.8	12	31.5
8F RF	Dead	LinStatic		Diaph D1 X	0.000607	0.000508	1.193	43	26.8	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	Dead	LinStatic		Diaph D1 Y	0.000364	0.000208	1.747	40	3.75	5	28
8F RF	Live	LinStatic		Diaph D1 X	9.7E-05	9.1E-05	1.058	42	24.7	5	28
8F RF	Live	LinStatic		Diaph D1 Y	4.6E-05	3.7E-05	1.229	40	3.75	5	28
8F RF	FF	LinStatic		Diaph D1 X	0.000254	0.000202	1.253	43	26.8	5	28
8F RF	FF	LinStatic		Diaph D1 Y	0.00021	0.000129	1.631	40	3.75	5	28
8F RF	PW	LinStatic		Diaph D1 X	0.000201	0.000151	1.329	43	26.8	5	28
8F RF	PW	LinStatic		Diaph D1 Y	0.000176	9.7E-05	1.815	40	3.75	5	28
8F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003789	0.003395	1.116	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003281	0.003106	1.057	43	26.8	5	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003097	0.003038	1.02	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001484	0.001316	1.128	43	26.8	5	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002917	0.00283	1.031	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001721	0.001417	1.214	43	26.8	5	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.00361	0.003384	1.067	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001464	0.001201	1.219	43	26.8	5	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002172	0.002082	1.043	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001541	0.001147	1.344	48	26.8	12	28
8F RF	UDCon1	Combination		Diaph D1 X	0.001433	0.001164	1.231	43	26.8	5	28
8F RF	UDCon1	Combination		Diaph D1 Y	0.001013	0.000586	1.728	40	3.75	5	28
8F RF	UDCon2	Combination		Diaph D1 X	0.001578	0.001301	1.213	43	26.8	5	28
8F RF	UDCon2	Combination		Diaph D1 Y	0.001081	0.000642	1.685	40	3.75	5	28
8F RF	UDCon3	Combination	Max	Diaph D1 X	0.002408	0.002148	1.121	33	3.75	19.6	28
8F RF	UDCon3	Combination	Max	Diaph D1 Y	0.00211	0.001797	1.174	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	UDCon3	Combination	Min	Diaph D1 X	0.003835	0.00372	1.031	42	24.7	5	28
8F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001594	0.001101	1.448	48	26.8	12	28
8F RF	UDCon4	Combination	Max	Diaph D1 X	0.002228	0.00194	1.148	33	3.75	19.6	28
8F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002136	0.001827	1.169	40	3.75	5	28
8F RF	UDCon4	Combination	Min	Diaph D1 X	0.00407	0.003928	1.036	42	24.7	5	28
8F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001358	0.000969	1.4	48	26.8	12	28
8F RF	UDCon5	Combination	Max	Diaph D1 X	0.002921	0.002494	1.171	33	3.75	19.6	28
8F RF	UDCon5	Combination	Max	Diaph D1 Y	0.001709	0.001595	1.071	40	3.75	5	28
8F RF	UDCon5	Combination	Min	Diaph D1 X	0.003083	0.002972	1.038	42	24.7	5	28
8F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001415	0.000748	1.891	48	26.8	12	28
8F RF	UDCon6	Combination	Max	Diaph D1 X	0.001483	0.001192	1.244	33	3.75	19.6	28
8F RF	UDCon6	Combination	Max	Diaph D1 Y	0.001709	0.001564	1.092	40	3.75	5	28
8F RF	UDCon6	Combination	Min	Diaph D1 X	0.004304	0.004275	1.007	44	26.8	19.6	28
8F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001336	0.000758	1.762	48	26.8	12	28
8F RF	UDCon7	Combination	Max	Diaph D1 X	0.002434	0.002176	1.119	33	3.75	19.6	28
8F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002096	0.001785	1.174	40	3.75	5	28
8F RF	UDCon7	Combination	Min	Diaph D1 X	0.003806	0.003693	1.031	42	24.7	5	28
8F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001603	0.001112	1.441	48	26.8	12	28
8F RF	UDCon8	Combination	Max	Diaph D1 X	0.002254	0.001968	1.145	33	3.75	19.6	28
8F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002122	0.001815	1.169	40	3.75	5	28
8F RF	UDCon8	Combination	Min	Diaph D1 X	0.004041	0.003901	1.036	42	24.7	5	28
8F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001366	0.00098	1.394	48	26.8	12	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	UDCon9	Combination	Max	Diaph D1 X	0.002947	0.002522	1.169	33	3.75	19.6	28
8F RF	UDCon9	Combination	Max	Diaph D1 Y	0.001695	0.001582	1.071	40	3.75	5	28
8F RF	UDCon9	Combination	Min	Diaph D1 X	0.003054	0.002944	1.037	42	24.7	5	28
8F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001423	0.000759	1.875	48	26.8	12	28
8F RF	UDCon10	Combination	Max	Diaph D1 X	0.001509	0.00122	1.237	33	3.75	19.6	28
8F RF	UDCon10	Combination	Max	Diaph D1 Y	0.001695	0.001551	1.093	40	3.75	5	28
8F RF	UDCon10	Combination	Min	Diaph D1 X	0.004278	0.004247	1.007	44	26.8	19.6	28
8F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001345	0.00077	1.748	48	26.8	12	28
7F RF	Dead	LinStatic		Diaph D1 X	0.000555	0.000431	1.287	41	7	5	24.5
7F RF	Dead	LinStatic		Diaph D1 Y	0.000345	0.000147	2.355	40	3.75	5	24.5
7F RF	Live	LinStatic		Diaph D1 X	8.9E-05	8.1E-05	1.103	41	7	5	24.5
7F RF	Live	LinStatic		Diaph D1 Y	4.3E-05	3E-05	1.454	40	3.75	5	24.5
7F RF	FF	LinStatic		Diaph D1 X	0.000229	0.000158	1.447	41	7	5	24.5
7F RF	FF	LinStatic		Diaph D1 Y	0.0002	8.6E-05	2.328	40	3.75	5	24.5
7F RF	PW	LinStatic		Diaph D1 X	0.000181	0.000114	1.587	41	7	5	24.5
7F RF	PW	LinStatic		Diaph D1 Y	0.000168	6E-05	2.804	40	3.75	5	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003836	0.003433	1.118	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003238	0.003063	1.057	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00312	0.003056	1.021	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001478	0.001306	1.131	48	26.8	12	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002912	0.00283	1.029	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001706	0.001406	1.213	48	26.8	12	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003648	0.003417	1.067	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001457	0.001188	1.226	48	26.8	12	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	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002202	0.002133	1.032	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001535	0.001137	1.35	48	26.8	12	24.5
7F RF	UDCon1	Combination		Diaph D1 X	0.001304	0.000951	1.372	41	7	5	24.5
7F RF	UDCon1	Combination		Diaph D1 Y	0.000963	0.000395	2.439	40	3.75	5	24.5
7F RF	UDCon2	Combination		Diaph D1 X	0.001438	0.001072	1.341	41	7	5	24.5
7F RF	UDCon2	Combination		Diaph D1 Y	0.001027	0.000439	2.34	40	3.75	5	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 X	0.002655	0.002327	1.141	32	11.4	19.6	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002064	0.00166	1.243	40	3.75	5	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 X	0.003743	0.003559	1.052	42	24.7	5	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001829	0.001234	1.483	48	26.8	12	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 X	0.002447	0.002102	1.164	32	11.4	19.6	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00209	0.001711	1.221	40	3.75	5	24.5
7F RF	UDCon4	Combination	Min	Diaph D1 X	0.003988	0.003785	1.053	42	24.7	5	24.5
7F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001602	0.001107	1.447	48	26.8	12	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 X	0.003183	0.002688	1.184	33	3.75	19.6	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 Y	0.001652	0.001478	1.118	40	3.75	5	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 X	0.003059	0.002862	1.069	42	24.7	5	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001659	0.000899	1.845	48	26.8	12	24.5
7F RF	UDCon6	Combination	Max	Diaph D1 X	0.001737	0.001404	1.237	32	11.4	19.6	24.5
7F RF	UDCon6	Combination	Max	Diaph D1 Y	0.001665	0.001478	1.127	40	3.75	5	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 X	0.004183	0.004147	1.009	42	24.7	5	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001581	0.00089	1.776	48	26.8	12	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	UDCon7	Combination	Max	Diaph D1 X	0.002677	0.002352	1.138	32	11.4	19.6	24.5
7F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002051	0.001651	1.242	40	3.75	5	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 X	0.003716	0.003535	1.051	42	24.7	5	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001834	0.001243	1.476	48	26.8	12	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 X	0.002469	0.002126	1.161	32	11.4	19.6	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002078	0.001701	1.221	40	3.75	5	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 X	0.003961	0.003761	1.053	42	24.7	5	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001606	0.001116	1.44	48	26.8	12	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 X	0.003204	0.002713	1.181	33	3.75	19.6	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 Y	0.001639	0.001468	1.116	40	3.75	5	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 X	0.003032	0.002838	1.068	42	24.7	5	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001663	0.000907	1.834	48	26.8	12	24.5
7F RF	UDCon10	Combination	Max	Diaph D1 X	0.001759	0.001429	1.231	32	11.4	19.6	24.5
7F RF	UDCon10	Combination	Max	Diaph D1 Y	0.001652	0.001466	1.127	40	3.75	5	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 X	0.004156	0.004123	1.008	42	24.7	5	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001585	0.000899	1.764	48	26.8	12	24.5
6F RF	Dead	LinStatic		Diaph D1 X	0.000501	0.000345	1.452	41	7	5	21
6F RF	Dead	LinStatic		Diaph D1 Y	0.000325	7.5E-05	4.35	40	3.75	5	21
6F RF	Live	LinStatic		Diaph D1 X	8E-05	6.8E-05	1.174	41	7	5	21
6F RF	Live	LinStatic		Diaph D1 Y	4E-05	2.1E-05	1.926	40	3.75	5	21
6F RF	FF	LinStatic		Diaph D1 X	0.000204	0.000108	1.878	41	7	5	21
6F RF	FF	LinStatic		Diaph D1 Y	0.00019	3.6E-05	5.266	40	3.75	5	21
6F RF	PW	LinStatic		Diaph D1 X	0.000161	7.2E-05	2.227	41	7	5	21
6F RF	PW	LinStatic		Diaph D1 Y	0.000159	1.6E-05	9.673	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	Earthquake+x	LinStatic		Diaph D1 X	0.003835	0.003423	1.12	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003158	0.002988	1.057	43	26.8	5	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.003099	0.003029	1.023	31	15.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001458	0.001286	1.133	48	26.8	12	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002871	0.002791	1.029	32	11.4	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001673	0.001385	1.208	48	26.8	12	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003637	0.003402	1.069	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.00144	0.001166	1.236	43	26.8	5	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002213	0.00216	1.025	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001512	0.001116	1.355	48	26.8	12	21
6F RF	UDCon1	Combination		Diaph D1 X	0.001167	0.000709	1.646	41	7	5	21
6F RF	UDCon1	Combination		Diaph D1 Y	0.00091	0.000172	5.298	40	3.75	5	21
6F RF	UDCon2	Combination		Diaph D1 X	0.001288	0.000812	1.587	41	7	5	21
6F RF	UDCon2	Combination		Diaph D1 Y	0.00097	0.000203	4.777	40	3.75	5	21
6F RF	UDCon3	Combination	Max	Diaph D1 X	0.002896	0.002483	1.166	32	11.4	19.6	21
6F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002004	0.001485	1.35	40	3.75	5	21
6F RF	UDCon3	Combination	Min	Diaph D1 X	0.0036	0.003337	1.079	42	24.7	5	21
6F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002092	0.001375	1.522	48	26.8	12	21
6F RF	UDCon4	Combination	Max	Diaph D1 X	0.002669	0.002245	1.189	32	11.4	19.6	21
6F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00203	0.00157	1.293	40	3.75	5	21
6F RF	UDCon4	Combination	Min	Diaph D1 X	0.00385	0.003576	1.077	42	24.7	5	21
6F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001877	0.001254	1.496	48	26.8	12	21
6F RF	UDCon5	Combination	Max	Diaph D1 X	0.003434	0.002856	1.202	32	11.4	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	UDCon5	Combination	Max	Diaph D1 Y	0.001584	0.001303	1.216	40	3.75	5	21
6F RF	UDCon5	Combination	Min	Diaph D1 X	0.002996	0.002706	1.107	40	3.75	5	21
6F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001931	0.001066	1.812	48	26.8	12	21
6F RF	UDCon6	Combination	Max	Diaph D1 X	0.00201	0.001614	1.245	32	11.4	19.6	21
6F RF	UDCon6	Combination	Max	Diaph D1 Y	0.001611	0.001352	1.192	40	3.75	5	21
6F RF	UDCon6	Combination	Min	Diaph D1 X	0.004061	0.00395	1.028	42	24.7	5	21
6F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001859	0.001036	1.795	48	26.8	12	21
6F RF	UDCon7	Combination	Max	Diaph D1 X	0.002913	0.002504	1.164	32	11.4	19.6	21
6F RF	UDCon7	Combination	Max	Diaph D1 Y	0.001992	0.001478	1.348	40	3.75	5	21
6F RF	UDCon7	Combination	Min	Diaph D1 X	0.003576	0.003317	1.078	42	24.7	5	21
6F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002093	0.001381	1.515	48	26.8	12	21
6F RF	UDCon8	Combination	Max	Diaph D1 X	0.002686	0.002266	1.185	32	11.4	19.6	21
6F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002018	0.001561	1.292	40	3.75	5	21
6F RF	UDCon8	Combination	Min	Diaph D1 X	0.003827	0.003556	1.076	42	24.7	5	21
6F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001877	0.00126	1.489	48	26.8	12	21
6F RF	UDCon9	Combination	Max	Diaph D1 X	0.003451	0.002877	1.2	32	11.4	19.6	21
6F RF	UDCon9	Combination	Max	Diaph D1 Y	0.001572	0.001296	1.213	40	3.75	5	21
6F RF	UDCon9	Combination	Min	Diaph D1 X	0.002972	0.002685	1.107	40	3.75	5	21
6F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001932	0.001071	1.804	48	26.8	12	21
6F RF	UDCon10	Combination	Max	Diaph D1 X	0.002027	0.001635	1.24	32	11.4	19.6	21
6F RF	UDCon10	Combination	Max	Diaph D1 Y	0.001599	0.001346	1.188	40	3.75	5	21
6F RF	UDCon10	Combination	Min	Diaph D1 X	0.004037	0.00393	1.027	42	24.7	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	UDCon10	Combination	Min	Diaph D1 Y	0.00186	0.001042	1.785	48	26.8	12	21
5F RF	Dead	LinStatic		Diaph D1 X	0.000438	0.000245	1.787	40	3.75	5	17.5
5F RF	Live	LinStatic		Diaph D1 X	7.1E-05	5.4E-05	1.298	40	3.75	5	17.5
5F RF	Live	LinStatic		Diaph D1 Y	3.7E-05	1.1E-05	3.359	40	3.75	5	17.5
5F RF	FF	LinStatic		Diaph D1 X	0.000174	5E-05	3.455	40	3.75	5	17.5
5F RF	FF	LinStatic		Diaph D1 Y	0.00022	2.1E-05	10.378	48	26.8	12	17.5
5F RF	PW	LinStatic		Diaph D1 X	0.000137	2.3E-05	5.91	40	3.75	5	17.5
5F RF	PW	LinStatic		Diaph D1 Y	0.000216	3.3E-05	6.488	48	26.8	12	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003776	0.00336	1.124	31	15.8	19.6	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003027	0.002871	1.054	48	26.8	12	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00303	0.002952	1.027	32	11.4	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001422	0.001252	1.137	48	26.8	12	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002792	0.00271	1.031	32	11.4	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00162	0.001336	1.212	48	26.8	12	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003572	0.003332	1.072	32	11.4	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001405	0.001128	1.246	48	26.8	12	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002193	0.002151	1.019	32	11.4	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001472	0.001084	1.358	45	26.8	14.8	17.5
5F RF	UDCon1	Combination		Diaph D1 X	0.001011	0.00043	2.35	40	3.75	5	17.5
5F RF	UDCon1	Combination		Diaph D1 Y	0.00102	8.3E-05	12.213	48	26.8	12	17.5
5F RF	UDCon2	Combination		Diaph D1 X	0.001117	0.000512	2.182	40	3.75	5	17.5
5F RF	UDCon2	Combination		Diaph D1 Y	0.001042	6.7E-05	15.607	48	26.8	12	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 X	0.00313	0.002617	1.196	32	11.4	19.6	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 Y	0.001927	0.001272	1.514	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	UDCon3	Combination	Min	Diaph D1 X	0.003398	0.003045	1.116	40	3.75	5	17.5
5F RF	UDCon3	Combination	Min	Diaph D1 Y	0.00238	0.001523	1.563	48	26.8	12	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 X	0.002893	0.002375	1.218	32	11.4	19.6	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 Y	0.001951	0.001394	1.4	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 X	0.003644	0.003287	1.109	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 Y	0.002182	0.001412	1.546	48	26.8	12	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 X	0.003672	0.002998	1.225	32	11.4	19.6	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 Y	0.001504	0.001075	1.4	40	3.75	5	17.5
5F RF	UDCon5	Combination	Min	Diaph D1 X	0.00288	0.002486	1.158	40	3.75	5	17.5
5F RF	UDCon5	Combination	Min	Diaph D1 Y	0.00223	0.001245	1.791	48	26.8	12	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 X	0.002293	0.001816	1.262	32	11.4	19.6	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 Y	0.001546	0.001128	1.37	40	3.75	5	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 X	0.003863	0.003668	1.053	42	24.7	5	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 Y	0.002165	0.001192	1.817	48	26.8	12	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 X	0.003142	0.002633	1.193	32	11.4	19.6	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 Y	0.001915	0.001268	1.51	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	Diaph D1 X	0.003376	0.003029	1.115	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002376	0.001526	1.556	48	26.8	12	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 X	0.002904	0.002391	1.214	32	11.4	19.6	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 Y	0.00194	0.001388	1.398	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 X	0.003623	0.003271	1.108	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 Y	0.002178	0.001415	1.539	48	26.8	12	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	UDCon9	Combination	Max	Diaph D1 X	0.003684	0.003014	1.222	32	11.4	19.6	17.5
5F RF	UDCon9	Combination	Max	Diaph D1 Y	0.001493	0.001071	1.394	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 X	0.002859	0.00247	1.157	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002226	0.001249	1.782	48	26.8	12	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 X	0.002304	0.001833	1.257	32	11.4	19.6	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 Y	0.001535	0.001125	1.364	40	3.75	5	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 X	0.003842	0.003652	1.052	42	24.7	5	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 Y	0.00216	0.001195	1.808	48	26.8	12	17.5
4F RF	Dead	LinStatic		Diaph D1 X	0.000357	0.000125	2.86	40	3.75	5	14
4F RF	Dead	LinStatic		Diaph D1 Y	0.000475	9.9E-05	4.813	48	26.8	12	14
4F RF	Live	LinStatic		Diaph D1 X	5.8E-05	3.8E-05	1.548	40	3.75	5	14
4F RF	FF	LinStatic		Diaph D1 X	0.000175	2.2E-05	8.01	32	11.4	19.6	14
4F RF	FF	LinStatic		Diaph D1 Y	0.000333	8.5E-05	3.914	48	26.8	12	14
4F RF	PW	LinStatic		Diaph D1 X	0.000178	3.8E-05	4.667	32	11.4	19.6	14
4F RF	PW	LinStatic		Diaph D1 Y	0.000315	8.9E-05	3.54	48	26.8	12	14
4F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003668	0.003249	1.129	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002906	0.002745	1.059	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002916	0.002828	1.031	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.00138	0.001212	1.139	43	26.8	5	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002678	0.002589	1.034	32	11.4	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001554	0.001283	1.211	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003459	0.003214	1.076	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001355	0.001081	1.254	43	26.8	5	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002163	0.002117	1.022	32	11.4	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001419	0.001045	1.358	44	26.8	19.6	14
4F RF	UDCon1	Combination		Diaph D1 X	0.000797	8.8E-05	9.091	40	3.75	5	14
4F RF	UDCon1	Combination		Diaph D1 Y	0.001518	0.000369	4.117	48	26.8	12	14
4F RF	UDCon2	Combination		Diaph D1 X	0.000884	0.000144	6.132	40	3.75	5	14
4F RF	UDCon2	Combination		Diaph D1 Y	0.001568	0.000368	4.259	48	26.8	12	14
4F RF	UDCon3	Combination	Max	Diaph D1 X	0.003371	0.002752	1.225	32	11.4	19.6	14
4F RF	UDCon3	Combination	Max	Diaph D1 Y	0.001824	0.001033	1.765	40	3.75	5	14
4F RF	UDCon3	Combination	Min	Diaph D1 X	0.003108	0.002665	1.166	40	3.75	5	14
4F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002684	0.001677	1.601	48	26.8	12	14
4F RF	UDCon4	Combination	Max	Diaph D1 X	0.003133	0.002513	1.247	32	11.4	19.6	14
4F RF	UDCon4	Combination	Max	Diaph D1 Y	0.001846	0.001131	1.633	40	3.75	5	14
4F RF	UDCon4	Combination	Min	Diaph D1 X	0.003348	0.002904	1.153	40	3.75	5	14
4F RF	UDCon4	Combination	Min	Diaph D1 Y	0.002511	0.001579	1.59	48	26.8	12	14
4F RF	UDCon5	Combination	Max	Diaph D1 X	0.003912	0.003136	1.247	31	15.8	19.6	14
4F RF	UDCon5	Combination	Max	Diaph D1 Y	0.001404	0.000811	1.731	40	3.75	5	14
4F RF	UDCon5	Combination	Min	Diaph D1 X	0.002679	0.002193	1.222	40	3.75	5	14
4F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002546	0.001415	1.8	48	26.8	12	14
4F RF	UDCon6	Combination	Max	Diaph D1 X	0.002618	0.002041	1.283	32	11.4	19.6	14
4F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00146	0.000869	1.68	40	3.75	5	14
4F RF	UDCon6	Combination	Min	Diaph D1 X	0.003576	0.003288	1.088	40	3.75	5	14
4F RF	UDCon6	Combination	Min	Diaph D1 Y	0.002487	0.001357	1.833	48	26.8	12	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	UDCon7	Combination	Max	Diaph D1 X	0.003376	0.002763	1.222	32	11.4	19.6	14
4F RF	UDCon7	Combination	Max	Diaph D1 Y	0.001814	0.001033	1.755	40	3.75	5	14
4F RF	UDCon7	Combination	Min	Diaph D1 X	0.003091	0.002654	1.165	40	3.75	5	14
4F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002674	0.001677	1.595	48	26.8	12	14
4F RF	UDCon8	Combination	Max	Diaph D1 X	0.003138	0.002524	1.243	32	11.4	19.6	14
4F RF	UDCon8	Combination	Max	Diaph D1 Y	0.001836	0.001131	1.624	40	3.75	5	14
4F RF	UDCon8	Combination	Min	Diaph D1 X	0.00333	0.002893	1.151	40	3.75	5	14
4F RF	UDCon8	Combination	Min	Diaph D1 Y	0.002501	0.001579	1.584	48	26.8	12	14
4F RF	UDCon9	Combination	Max	Diaph D1 X	0.003917	0.003148	1.244	31	15.8	19.6	14
4F RF	UDCon9	Combination	Max	Diaph D1 Y	0.001394	0.000811	1.718	40	3.75	5	14
4F RF	UDCon9	Combination	Min	Diaph D1 X	0.002662	0.002182	1.22	40	3.75	5	14
4F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002536	0.001415	1.793	48	26.8	12	14
4F RF	UDCon10	Combination	Max	Diaph D1 X	0.002623	0.002052	1.278	32	11.4	19.6	14
4F RF	UDCon10	Combination	Max	Diaph D1 Y	0.00145	0.000869	1.669	40	3.75	5	14
4F RF	UDCon10	Combination	Min	Diaph D1 X	0.003559	0.003276	1.086	40	3.75	5	14
4F RF	UDCon10	Combination	Min	Diaph D1 Y	0.002477	0.001357	1.825	48	26.8	12	14
3F RF	Dead	LinStatic		Diaph D1 X	0.000369	5.6E-05	6.65	44	26.8	19.6	10.5
3F RF	Dead	LinStatic		Diaph D1 Y	0.000733	0.000239	3.065	45	26.8	14.8	10.5
3F RF	Live	LinStatic		Diaph D1 X	4.3E-05	1.4E-05	3.121	43	26.8	5	10.5
3F RF	Live	LinStatic		Diaph D1 Y	6.2E-05	1.6E-05	3.952	45	26.8	14.8	10.5
3F RF	FF	LinStatic		Diaph D1 X	0.00035	0.000137	2.561	44	26.8	19.6	10.5
3F RF	FF	LinStatic		Diaph D1 Y	0.000521	0.000185	2.816	45	26.8	14.8	10.5
3F RF	PW	LinStatic		Diaph D1 X	0.00033	0.000137	2.412	44	26.8	19.6	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	PW	LinStatic		Diaph D1 Y	0.000481	0.000177	2.721	45	26.8	14.8	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003515	0.003059	1.149	44	26.8	19.6	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002613	0.002504	1.044	47	26.8	10	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002776	0.002646	1.049	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001332	0.001144	1.164	45	26.8	14.8	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002546	0.002423	1.051	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00148	0.001199	1.235	45	26.8	14.8	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003305	0.003019	1.095	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001292	0.001013	1.275	45	26.8	14.8	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00211	0.002033	1.038	33	3.75	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00136	0.000994	1.368	45	26.8	14.8	10.5
3F RF	UDCon1	Combination		Diaph D1 X	0.001417	0.000444	3.189	44	26.8	19.6	10.5
3F RF	UDCon1	Combination		Diaph D1 Y	0.002343	0.000811	2.887	45	26.8	14.8	10.5
3F RF	UDCon2	Combination		Diaph D1 X	0.00144	0.000423	3.401	44	26.8	19.6	10.5
3F RF	UDCon2	Combination		Diaph D1 Y	0.002436	0.000835	2.917	45	26.8	14.8	10.5
3F RF	UDCon3	Combination	Max	Diaph D1 X	0.00383	0.002972	1.289	44	26.8	19.6	10.5
3F RF	UDCon3	Combination	Max	Diaph D1 Y	0.001704	0.000641	2.658	38	3.75	14.8	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 X	0.002706	0.002099	1.289	43	26.8	5	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 Y	0.003234	0.001937	1.67	45	26.8	14.8	10.5
3F RF	UDCon4	Combination	Max	Diaph D1 X	0.003601	0.002749	1.31	44	26.8	19.6	10.5
3F RF	UDCon4	Combination	Max	Diaph D1 Y	0.001724	0.000725	2.377	38	3.75	14.8	10.5
3F RF	UDCon4	Combination	Min	Diaph D1 X	0.002926	0.002324	1.259	40	3.75	5	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	UDCon4	Combination	Min	Diaph D1 Y	0.003086	0.001853	1.666	45	26.8	14.8	10.5
3F RF	UDCon5	Combination	Max	Diaph D1 X	0.004359	0.003345	1.303	44	26.8	19.6	10.5
3F RF	UDCon5	Combination	Max	Diaph D1 Y	0.001299	0.000419	3.103	38	3.75	14.8	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 X	0.002363	0.001707	1.384	43	26.8	5	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 Y	0.003114	0.001698	1.834	45	26.8	14.8	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 X	0.00316	0.002357	1.341	44	26.8	19.6	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 Y	0.001366	0.000486	2.811	38	3.75	14.8	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 X	0.003161	0.002706	1.168	40	3.75	5	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 Y	0.003046	0.00163	1.868	45	26.8	14.8	10.5
3F RF	UDCon7	Combination	Max	Diaph D1 X	0.003825	0.002976	1.285	44	26.8	19.6	10.5
3F RF	UDCon7	Combination	Max	Diaph D1 Y	0.001694	0.000646	2.624	38	3.75	14.8	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 X	0.002692	0.002095	1.285	43	26.8	5	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 Y	0.003216	0.001932	1.664	45	26.8	14.8	10.5
3F RF	UDCon8	Combination	Max	Diaph D1 X	0.003596	0.002753	1.306	44	26.8	19.6	10.5
3F RF	UDCon8	Combination	Max	Diaph D1 Y	0.001715	0.00073	2.349	38	3.75	14.8	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 X	0.002914	0.00232	1.256	40	3.75	5	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 Y	0.003067	0.001848	1.66	45	26.8	14.8	10.5
3F RF	UDCon9	Combination	Max	Diaph D1 X	0.004354	0.003349	1.3	44	26.8	19.6	10.5
3F RF	UDCon9	Combination	Max	Diaph D1 Y	0.00129	0.000424	3.046	38	3.75	14.8	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 X	0.00235	0.001703	1.38	43	26.8	5	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 Y	0.003095	0.001693	1.828	45	26.8	14.8	10.5
3F RF	UDCon10	Combination	Max	Diaph D1 X	0.003155	0.002361	1.336	44	26.8	19.6	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	UDCon10	Combination	Max	Diaph D1 Y	0.001357	0.000491	2.765	38	3.75	14.8	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 X	0.003148	0.002702	1.165	40	3.75	5	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 Y	0.003027	0.001626	1.862	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		Diaph D1 X	0.000611	0.000206	2.965	44	26.8	19.6	7
2F RF	Dead	LinStatic		Diaph D1 Y	0.00107	0.000392	2.727	45	26.8	14.8	7
2F RF	Live	LinStatic		Diaph D1 X	4.5E-05	6E-06	7.94	33	3.75	19.6	7
2F RF	Live	LinStatic		Diaph D1 Y	9.9E-05	3.3E-05	3.044	45	26.8	14.8	7
2F RF	FF	LinStatic		Diaph D1 X	0.000522	0.000233	2.235	44	26.8	19.6	7
2F RF	FF	LinStatic		Diaph D1 Y	0.000767	0.000293	2.619	45	26.8	14.8	7
2F RF	PW	LinStatic		Diaph D1 X	0.000481	0.000221	2.179	44	26.8	19.6	7
2F RF	PW	LinStatic		Diaph D1 Y	0.000699	0.000272	2.571	45	26.8	14.8	7
2F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003548	0.002878	1.233	44	26.8	19.6	7
2F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002669	0.002404	1.111	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002753	0.002448	1.125	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001329	0.001107	1.201	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002508	0.002237	1.121	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001459	0.001186	1.231	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.003317	0.002825	1.174	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001279	0.000966	1.323	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002161	0.00193	1.12	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001362	0.000956	1.425	43	26.8	5	7
2F RF	UDCon1	Combination		Diaph D1 X	0.002178	0.000891	2.444	44	26.8	19.6	7
2F RF	UDCon1	Combination		Diaph D1 Y	0.003423	0.001292	2.65	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	UDCon2	Combination		Diaph D1 X	0.002245	0.0009	2.496	44	26.8	19.6	7
2F RF	UDCon2	Combination		Diaph D1 Y	0.003572	0.001341	2.664	45	26.8	14.8	7
2F RF	UDCon3	Combination	Max	Diaph D1 X	0.00438	0.003112	1.408	44	26.8	19.6	7
2F RF	UDCon3	Combination	Min	Diaph D1 X	0.002315	0.001598	1.449	27	17.9	5	7
2F RF	UDCon3	Combination	Min	Diaph D1 Y	0.004	0.002214	1.806	45	26.8	14.8	7
2F RF	UDCon4	Combination	Max	Diaph D1 X	0.004135	0.002901	1.425	44	26.8	19.6	7
2F RF	UDCon4	Combination	Min	Diaph D1 X	0.002514	0.001815	1.385	27	17.9	5	7
2F RF	UDCon4	Combination	Min	Diaph D1 Y	0.003876	0.00214	1.811	45	26.8	14.8	7
2F RF	UDCon5	Combination	Max	Diaph D1 X	0.004944	0.003489	1.417	44	26.8	19.6	7
2F RF	UDCon5	Combination	Min	Diaph D1 X	0.002044	0.001282	1.594	27	17.9	5	7
2F RF	UDCon5	Combination	Min	Diaph D1 Y	0.003895	0.001998	1.949	45	26.8	14.8	7
2F RF	UDCon6	Combination	Max	Diaph D1 X	0.003788	0.002593	1.461	44	26.8	19.6	7
2F RF	UDCon6	Combination	Min	Diaph D1 X	0.002736	0.002203	1.242	26	11.4	5	7
2F RF	UDCon6	Combination	Min	Diaph D1 Y	0.003813	0.001927	1.978	45	26.8	14.8	7
2F RF	UDCon7	Combination	Max	Diaph D1 X	0.004367	0.00311	1.404	44	26.8	19.6	7
2F RF	UDCon7	Combination	Min	Diaph D1 X	0.002307	0.0016	1.441	27	17.9	5	7
2F RF	UDCon7	Combination	Min	Diaph D1 Y	0.00397	0.002205	1.801	45	26.8	14.8	7
2F RF	UDCon8	Combination	Max	Diaph D1 X	0.004122	0.002899	1.422	44	26.8	19.6	7
2F RF	UDCon8	Combination	Max	Diaph D1 Y	0.001683	0.000291	5.784	33	3.75	19.6	7
2F RF	UDCon8	Combination	Min	Diaph D1 X	0.002506	0.001818	1.378	27	17.9	5	7
2F RF	UDCon8	Combination	Min	Diaph D1 Y	0.003846	0.00213	1.805	45	26.8	14.8	7
2F RF	UDCon9	Combination	Max	Diaph D1 X	0.004931	0.003487	1.414	44	26.8	19.6	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	UDCon9	Combination	Min	Diaph D1 X	0.002036	0.001285	1.585	27	17.9	5	7
2F RF	UDCon9	Combination	Min	Diaph D1 Y	0.003865	0.001989	1.943	45	26.8	14.8	7
2F RF	UDCon10	Combination	Max	Diaph D1 X	0.003775	0.002592	1.457	44	26.8	19.6	7
2F RF	UDCon10	Combination	Min	Diaph D1 X	0.002729	0.002206	1.237	26	11.4	5	7
2F RF	UDCon10	Combination	Min	Diaph D1 Y	0.003783	0.001918	1.973	45	26.8	14.8	7
1F RF	Dead	LinStatic		Diaph D1 X	0.001638	0.000566	2.894	38	3.75	14.8	3.5
1F RF	Dead	LinStatic		Diaph D1 Y	0.001071	0.000182	5.897	44	26.8	19.6	3.5
1F RF	Live	LinStatic		Diaph D1 X	0.000306	9.1E-05	3.382	38	3.75	14.8	3.5
1F RF	Live	LinStatic		Diaph D1 Y	0.000163	1.3E-05	12.651	26	11.4	5	3.5
1F RF	FF	LinStatic		Diaph D1 X	0.001154	0.000388	2.972	38	3.75	14.8	3.5
1F RF	FF	LinStatic		Diaph D1 Y	0.000772	0.000121	6.376	44	26.8	19.6	3.5
1F RF	PW	LinStatic		Diaph D1 X	0.00092	0.000316	2.907	38	3.75	14.8	3.5
1F RF	PW	LinStatic		Diaph D1 Y	0.000701	0.000148	4.749	44	26.8	19.6	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 X	0.024286	0.013014	1.866	57	22.6	5.35	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 X	0.005288	0.001477	3.581	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.026541	0.014165	1.874	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.026276	0.013966	1.881	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.013366	0.00709	1.885	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.026863	0.014196	1.892	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.014945	0.007928	1.885	34	11.4	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.027523	0.014677	1.875	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.008675	0.004752	1.825	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	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.024694	0.013014	1.898	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.008319	0.004583	1.815	37	20.5	14.8	3.5
1F RF	UDCon1	Combination		Diaph D1 X	0.005011	0.001716	2.921	38	3.75	14.8	3.5
1F RF	UDCon1	Combination		Diaph D1 Y	0.003435	0.000608	5.65	44	26.8	19.6	3.5
1F RF	UDCon2	Combination		Diaph D1 X	0.005471	0.001852	2.955	38	3.75	14.8	3.5
1F RF	UDCon2	Combination		Diaph D1 Y	0.003589	0.000563	6.378	44	26.8	19.6	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 X	0.026156	0.014164	1.847	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 Y	0.013232	0.006573	2.013	35	11.4	10	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 X	0.026983	0.013901	1.941	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 Y	0.015102	0.008409	1.796	34	11.4	14.8	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 X	0.026743	0.014404	1.857	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 Y	0.0148	0.007408	1.998	35	11.4	10	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 X	0.026396	0.013662	1.932	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 Y	0.013524	0.007571	1.786	34	11.4	14.8	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 X	0.027403	0.01488	1.842	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 Y	0.00887	0.004399	2.016	37	20.5	14.8	3.5
1F RF	UDCon5	Combination	Min	Diaph D1 X	0.024814	0.012709	1.952	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Min	Diaph D1 Y	0.008373	0.00489	1.712	35	11.4	10	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 X	0.024574	0.013204	1.861	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 Y	0.008515	0.004233	2.012	37	20.5	14.8	3.5
1F RF	UDCon6	Combination	Min	Diaph D1 X	0.027643	0.014373	1.923	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Min	Diaph D1 Y	0.008512	0.005031	1.692	34	11.4	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	UDCon7	Combination	Max	Diaph D1 X	0.026163	0.014176	1.846	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Max	Diaph D1 Y	0.013234	0.006579	2.012	35	11.4	10	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 X	0.026976	0.0139	1.941	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 Y	0.015097	0.008403	1.797	34	11.4	14.8	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 X	0.026749	0.014406	1.857	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 Y	0.014802	0.007413	1.997	35	11.4	10	3.5
1F RF	UDCon8	Combination	Min	Diaph D1 X	0.026389	0.013661	1.932	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Min	Diaph D1 Y	0.013519	0.007565	1.787	34	11.4	14.8	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 X	0.02741	0.014892	1.841	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 Y	0.008866	0.004401	2.014	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Min	Diaph D1 X	0.024807	0.012708	1.952	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Min	Diaph D1 Y	0.00837	0.004896	1.71	35	11.4	10	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 X	0.024581	0.013216	1.86	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 Y	0.00851	0.004235	2.009	37	20.5	14.8	3.5
1F RF	UDCon10	Combination	Min	Diaph D1 X	0.027636	0.014372	1.923	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Min	Diaph D1 Y	0.008507	0.005035	1.69	34	11.4	14.8	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	2258.1	908.48	203.04	0.05	0.056	0.074
14	D1	TH-X Load Case	LinModHist	Min	-1681.13	-820.77	-215.68	-0.052	-0.061	-0.062
14	D1	TH-Y Load Case	LinModHist	Max	1848.01	695.86	176.09	0.041	0.048	0.048
14	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-822.19	-168.02	-0.056	-0.047	-0.051
13	D1	TH-X Load Case	LinModHist	Max	2258.1	827.02	199.81	0.05	0.055	0.068
13	D1	TH-X Load Case	LinModHist	Min	-1681.13	-761.64	-212.53	-0.052	-0.062	-0.059
13	D1	TH-Y Load Case	LinModHist	Max	1848.01	643.23	177.26	0.041	0.046	0.043
13	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-731.58	-164.83	-0.056	-0.047	-0.047
12F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	744.09	191.29	0.049	0.053	0.061

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
12F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-701.43	-203.78	-0.051	-0.061	-0.055
12F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	589.52	175.69	0.041	0.046	0.037
12F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-639.78	-157.16	-0.055	-0.045	-0.043
11F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	659.88	177.35	0.047	0.05	0.052
11F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-640.44	-190.42	-0.05	-0.058	-0.051
11F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	535.09	170.31	0.041	0.047	0.035
11F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-557.9	-165.07	-0.053	-0.044	-0.042
10F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	580.53	159.21	0.044	0.05	0.042
10F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-580.56	-187.02	-0.047	-0.053	-0.047
10F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	487.72	161.76	0.04	0.045	0.034
10F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-503.87	-180.65	-0.05	-0.044	-0.041
9F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	562.46	148.91	0.041	0.047	0.037
9F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-541.81	-179.21	-0.047	-0.049	-0.047
9F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	463.85	162.88	0.039	0.048	0.035
9F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-477.09	-192.76	-0.046	-0.044	-0.039
8F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	573.99	161.03	0.037	0.047	0.036
8F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-502.05	-167.22	-0.049	-0.045	-0.048
8F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	461.98	171.4	0.038	0.05	0.035
8F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-513.9	-199.41	-0.043	-0.046	-0.041
7F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	599.55	176.87	0.033	0.047	0.041
7F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-524.6	-167.35	-0.049	-0.044	-0.047
7F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	494.33	184.4	0.039	0.05	0.034
7F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-566.34	-199.41	-0.04	-0.049	-0.045
6F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	625.87	183.52	0.034	0.052	0.045
6F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-568.53	-185.87	-0.048	-0.046	-0.048
6F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	529.93	188.88	0.038	0.047	0.036
6F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-614.09	-192.61	-0.037	-0.05	-0.049
5F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	675.56	182.1	0.037	0.055	0.049
5F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-618.71	-196.68	-0.046	-0.045	-0.052
5F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	564.25	184.49	0.036	0.047	0.037
5F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-656.44	-193.42	-0.033	-0.048	-0.052
4F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	721.21	174.88	0.038	0.054	0.052
4F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-663.13	-198.42	-0.042	-0.042	-0.055
4F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	597.16	172.22	0.033	0.046	0.04
4F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-693.09	-191.33	-0.03	-0.044	-0.054
3F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	762.19	164.97	0.036	0.051	0.054
3F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-702.19	-192.05	-0.038	-0.039	-0.057
3F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	628.19	155.1	0.03	0.044	0.043
3F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-723.72	-184.01	-0.029	-0.038	-0.056
2F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	763.2	129.57	0.033	0.047	0.055
2F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-694.72	-152.51	-0.032	-0.035	-0.059
2F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	614.78	114.35	0.027	0.041	0.046
2F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-749.4	-147.04	-0.022	-0.032	-0.057
1F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	792.02	129.57	0.027	0.067	0.057
1F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-721.57	-148.51	-0.025	-0.092	-0.058

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
1F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	637.01	108.82	0.024	0.063	0.048
1F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-771.12	-144.86	-0.02	-0.061	-0.057
Base	D1	TH-X Load Case	LinModHist	Max	952.76	395.81	11.11	0.02	0.064	0.069
Base	D1	TH-X Load Case	LinModHist	Min	-792.72	-336.52	-10.68	-0.023	-0.088	-0.086
Base	D1	TH-Y Load Case	LinModHist	Max	948.3	314.62	8.83	0.018	0.064	0.061
Base	D1	TH-Y Load Case	LinModHist	Min	-1150.28	-444.79	-8.99	-0.017	-0.059	-0.061

3.2 Story Results

Table 3.6 - Story Max Over Avg Displacements

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	Dead	LinStatic		X	25.373	18.851	1.346
14	Dead	LinStatic		Y	16.575	6.288	2.636
13	Dead	LinStatic		X	22.64	16.163	1.401
13	Dead	LinStatic		Y	15.06	4.844	3.109
12F RF	Dead	LinStatic		X	19.954	13.548	1.473
12F RF	Dead	LinStatic		Y	13.571	3.464	3.918
11F RF	Dead	LinStatic		X	17.342	11.039	1.571
11F RF	Dead	LinStatic		Y	12.115	2.168	5.588
10F RF	Dead	LinStatic		X	14.824	8.667	1.71
10F RF	Dead	LinStatic		Y	10.697	0.978	10.942
9F RF	Dead	LinStatic		X	12.421	6.461	1.922
8F RF	Dead	LinStatic		X	10.152	4.454	2.279
8F RF	Dead	LinStatic		Y	10.005	0.999	10.015
7F RF	Dead	LinStatic		X	8.039	2.678	3.002
7F RF	Dead	LinStatic		Y	10.23	1.738	5.886
6F RF	Dead	LinStatic		X	6.098	1.167	5.225
6F RF	Dead	LinStatic		Y	10.127	2.275	4.452
5F RF	Dead	LinStatic		Y	9.642	2.577	3.742
4F RF	Dead	LinStatic		X	4.668	0.904	5.166
4F RF	Dead	LinStatic		Y	8.689	2.596	3.347
3F RF	Dead	LinStatic		X	4.311	1.317	3.274
3F RF	Dead	LinStatic		Y	7.108	2.257	3.149
2F RF	Dead	LinStatic		X	3.179	1.19	2.671
2F RF	Dead	LinStatic		Y	4.601	1.43	3.218
1F RF	Dead	LinStatic		X	1.236	0.31	3.986
1F RF	Dead	LinStatic		Y	2.008	0.492	4.084
Base	Dead	LinStatic		X	1.677	1.539	1.09
Base	Dead	LinStatic		Y	0.835	0.672	1.244
14	Live	LinStatic		X	4.086	3.629	1.126
14	Live	LinStatic		Y	2.038	1.317	1.547
13	Live	LinStatic		X	3.654	3.18	1.149
13	Live	LinStatic		Y	1.846	1.099	1.679
12F RF	Live	LinStatic		X	3.229	2.742	1.178
12F RF	Live	LinStatic		Y	1.657	0.889	1.863

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	Live	LinStatic		X	2.815	2.319	1.214
11F RF	Live	LinStatic		Y	1.473	0.69	2.135
10F RF	Live	LinStatic		X	2.416	1.915	1.262
10F RF	Live	LinStatic		Y	1.294	0.504	2.569
9F RF	Live	LinStatic		X	2.034	1.534	1.325
9F RF	Live	LinStatic		Y	1.121	0.333	3.366
8F RF	Live	LinStatic		X	1.672	1.182	1.415
8F RF	Live	LinStatic		Y	0.955	0.181	5.279
7F RF	Live	LinStatic		X	1.334	0.862	1.548
6F RF	Live	LinStatic		X	1.023	0.58	1.765
5F RF	Live	LinStatic		X	0.744	0.34	2.184
5F RF	Live	LinStatic		Y	0.782	0.132	5.903
4F RF	Live	LinStatic		X	0.502	0.151	3.33
4F RF	Live	LinStatic		Y	0.746	0.176	4.245
3F RF	Live	LinStatic		X	0.304	0.021	14.177
3F RF	Live	LinStatic		Y	0.638	0.177	3.603
2F RF	Live	LinStatic		X	0.228	0.036	6.298
2F RF	Live	LinStatic		Y	0.427	0.123	3.467
1F RF	Live	LinStatic		Y	0.209	0.058	3.604
Base	Live	LinStatic		X	0.218	0.197	1.102
Base	Live	LinStatic		Y	0.144	0.12	1.198
14	FF	LinStatic		X	10.139	6.312	1.606
14	FF	LinStatic		Y	9.653	3.614	2.671
13	FF	LinStatic		X	8.967	5.088	1.762
13	FF	LinStatic		Y	8.789	2.669	3.293
12F RF	FF	LinStatic		X	7.817	3.906	2.001
12F RF	FF	LinStatic		Y	7.94	1.767	4.492
11F RF	FF	LinStatic		X	6.701	2.785	2.406
11F RF	FF	LinStatic		Y	7.107	0.924	7.691
10F RF	FF	LinStatic		X	5.629	1.739	3.236
9F RF	FF	LinStatic		X	4.61	0.788	5.85
9F RF	FF	LinStatic		Y	6.567	0.529	12.407
8F RF	FF	LinStatic		Y	6.969	1.108	6.287
7F RF	FF	LinStatic		X	4.289	0.758	5.662
7F RF	FF	LinStatic		Y	7.164	1.567	4.573
6F RF	FF	LinStatic		X	4.599	1.313	3.503
6F RF	FF	LinStatic		Y	7.124	1.885	3.779
5F RF	FF	LinStatic		X	4.663	1.699	2.745
5F RF	FF	LinStatic		Y	6.808	2.039	3.338
4F RF	FF	LinStatic		X	4.435	1.869	2.373
4F RF	FF	LinStatic		Y	6.153	1.996	3.082
3F RF	FF	LinStatic		X	3.835	1.769	2.168
3F RF	FF	LinStatic		Y	5.044	1.701	2.965
2F RF	FF	LinStatic		X	2.717	1.339	2.029
2F RF	FF	LinStatic		Y	3.264	1.062	3.074

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	FF	LinStatic		X	1.063	0.401	2.65
1F RF	FF	LinStatic		Y	1.418	0.344	4.122
Base	FF	LinStatic		X	1.061	0.98	1.082
Base	FF	LinStatic		Y	0.33	0.235	1.404
14	PW	LinStatic		X	7.955	4.355	1.827
14	PW	LinStatic		Y	8.098	2.416	3.352
13	PW	LinStatic		X	7.022	3.393	2.07
13	PW	LinStatic		Y	7.377	1.65	4.472
12F RF	PW	LinStatic		X	6.107	2.466	2.476
12F RF	PW	LinStatic		Y	6.667	0.921	7.238
11F RF	PW	LinStatic		X	5.219	1.589	3.284
11F RF	PW	LinStatic		Y	5.972	0.243	24.605
10F RF	PW	LinStatic		X	4.366	0.777	5.621
10F RF	PW	LinStatic		Y	6.04	0.373	16.191
9F RF	PW	LinStatic		Y	6.463	0.913	7.077
8F RF	PW	LinStatic		X	3.991	0.596	6.698
8F RF	PW	LinStatic		Y	6.731	1.364	4.936
7F RF	PW	LinStatic		X	4.349	1.124	3.869
7F RF	PW	LinStatic		Y	6.82	1.71	3.989
6F RF	PW	LinStatic		X	4.517	1.525	2.963
6F RF	PW	LinStatic		Y	6.703	1.935	3.464
5F RF	PW	LinStatic		X	4.475	1.783	2.51
5F RF	PW	LinStatic		Y	6.346	2.018	3.145
4F RF	PW	LinStatic		X	4.184	1.858	2.252
4F RF	PW	LinStatic		Y	5.693	1.929	2.951
3F RF	PW	LinStatic		X	3.574	1.704	2.097
3F RF	PW	LinStatic		Y	4.641	1.621	2.863
2F RF	PW	LinStatic		X	2.511	1.267	1.982
2F RF	PW	LinStatic		Y	2.997	1.01	2.968
1F RF	PW	LinStatic		X	0.987	0.391	2.522
1F RF	PW	LinStatic		Y	1.295	0.33	3.924
Base	PW	LinStatic		X	0.905	0.837	1.082
Base	PW	LinStatic		Y	0.308	0.227	1.357
14	Earthquake+x	LinStatic		X	357.859	299.342	1.195
13	Earthquake+x	LinStatic		X	347.442	290.045	1.198
12F RF	Earthquake+x	LinStatic		X	336.481	280.25	1.201
11F RF	Earthquake+x	LinStatic		X	324.964	269.941	1.204
10F RF	Earthquake+x	LinStatic		X	312.911	259.137	1.208
9F RF	Earthquake+x	LinStatic		X	300.364	247.884	1.212
8F RF	Earthquake+x	LinStatic		X	287.405	236.261	1.216
7F RF	Earthquake+x	LinStatic		X	274.141	224.375	1.222
6F RF	Earthquake+x	LinStatic		X	260.72	212.356	1.228
5F RF	Earthquake+x	LinStatic		X	247.307	200.344	1.234
5F RF	Earthquake+x	LinStatic		Y	94.609	20.532	4.608
4F RF	Earthquake+x	LinStatic		X	234.096	188.506	1.242

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	Earthquake+x	LinStatic		Y	92.044	20.255	4.544
3F RF	Earthquake+x	LinStatic		X	221.276	177.062	1.25
3F RF	Earthquake+x	LinStatic		Y	89.481	20.003	4.473
2F RF	Earthquake+x	LinStatic		X	208.987	166.35	1.256
2F RF	Earthquake+x	LinStatic		Y	86.994	19.851	4.382
1F RF	Earthquake+x	LinStatic		X	196.863	155.902	1.263
1F RF	Earthquake+x	LinStatic		Y	84.69	20.063	4.221
Base	Earthquake+x	LinStatic		X	122.127	121.263	1.007
14	Earthquake+y	LinStatic		Y	356.236	302.936	1.176
13	Earthquake+y	LinStatic		Y	346.48	292.789	1.183
12F RF	Earthquake+y	LinStatic		Y	336.559	282.431	1.192
11F RF	Earthquake+y	LinStatic		Y	326.479	271.867	1.201
10F RF	Earthquake+y	LinStatic		Y	316.272	261.13	1.211
9F RF	Earthquake+y	LinStatic		Y	305.981	250.27	1.223
8F RF	Earthquake+y	LinStatic		Y	295.669	239.36	1.235
7F RF	Earthquake+y	LinStatic		Y	285.411	228.488	1.249
6F RF	Earthquake+y	LinStatic		Y	275.298	217.765	1.264
5F RF	Earthquake+y	LinStatic		Y	265.437	207.311	1.28
4F RF	Earthquake+y	LinStatic		Y	255.931	197.264	1.297
3F RF	Earthquake+y	LinStatic		Y	246.886	187.743	1.315
2F RF	Earthquake+y	LinStatic		Y	238.477	178.981	1.332
1F RF	Earthquake+y	LinStatic		Y	230.979	171.009	1.351
Base	Earthquake+y	LinStatic		Y	134.316	131.018	1.025
14	TH-X Load Case	LinModHist	Max	X	250.696	248.155	1.01
14	TH-X Load Case	LinModHist	Max	Y	194.412	155.492	1.25
13	TH-X Load Case	LinModHist	Max	X	242.388	239.718	1.011
13	TH-X Load Case	LinModHist	Max	Y	190.429	151.665	1.256
12F RF	TH-X Load Case	LinModHist	Max	X	233.639	230.832	1.012
12F RF	TH-X Load Case	LinModHist	Max	Y	186.368	147.753	1.261
11F RF	TH-X Load Case	LinModHist	Max	X	224.445	221.49	1.013
11F RF	TH-X Load Case	LinModHist	Max	Y	182.227	143.754	1.268
10F RF	TH-X Load Case	LinModHist	Max	X	214.83	211.717	1.015
10F RF	TH-X Load Case	LinModHist	Max	Y	178.011	139.671	1.274
9F RF	TH-X Load Case	LinModHist	Max	X	204.851	201.567	1.016
9F RF	TH-X Load Case	LinModHist	Max	Y	173.729	135.515	1.282
8F RF	TH-X Load Case	LinModHist	Max	X	194.592	192.202	1.012
8F RF	TH-X Load Case	LinModHist	Max	Y	169.4	131.325	1.29
7F RF	TH-X Load Case	LinModHist	Max	X	184.168	181.698	1.014
7F RF	TH-X Load Case	LinModHist	Max	Y	165.05	127.194	1.298
6F RF	TH-X Load Case	LinModHist	Max	X	177.357	172.903	1.026
6F RF	TH-X Load Case	LinModHist	Max	Y	160.71	123.068	1.306
5F RF	TH-X Load Case	LinModHist	Max	X	170.905	164.329	1.04
5F RF	TH-X Load Case	LinModHist	Max	Y	156.762	119.137	1.316
4F RF	TH-X Load Case	LinModHist	Max	X	164.401	155.86	1.055
4F RF	TH-X Load Case	LinModHist	Max	Y	153.091	115.402	1.327

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
3F RF	TH-X Load Case	LinModHist	Max	X	157.966	147.646	1.07
3F RF	TH-X Load Case	LinModHist	Max	Y	149.519	111.729	1.338
2F RF	TH-X Load Case	LinModHist	Max	X	151.671	139.77	1.085
2F RF	TH-X Load Case	LinModHist	Max	Y	146.119	108.325	1.349
1F RF	TH-X Load Case	LinModHist	Max	X	145.234	131.978	1.1
1F RF	TH-X Load Case	LinModHist	Max	Y	143.046	105.038	1.362
Base	TH-X Load Case	LinModHist	Max	X	109.26	106.733	1.024
Base	TH-X Load Case	LinModHist	Max	Y	60.407	59.587	1.014
14	TH-X Load Case	LinModHist	Min	X	244.646	234.143	1.045
14	TH-X Load Case	LinModHist	Min	Y	201.592	155.483	1.297
13	TH-X Load Case	LinModHist	Min	X	239.582	229.077	1.046
13	TH-X Load Case	LinModHist	Min	Y	197.47	151.336	1.305
12F RF	TH-X Load Case	LinModHist	Min	X	235.164	223.524	1.052
12F RF	TH-X Load Case	LinModHist	Min	Y	193.264	147.099	1.314
11F RF	TH-X Load Case	LinModHist	Min	X	231.02	217.074	1.064
11F RF	TH-X Load Case	LinModHist	Min	Y	189.024	143.278	1.319
10F RF	TH-X Load Case	LinModHist	Min	X	226.599	210.991	1.074
10F RF	TH-X Load Case	LinModHist	Min	Y	185.083	139.699	1.325
9F RF	TH-X Load Case	LinModHist	Min	X	221.702	205.201	1.08
9F RF	TH-X Load Case	LinModHist	Min	Y	181.06	136.04	1.331
8F RF	TH-X Load Case	LinModHist	Min	X	216.3	197.79	1.094
8F RF	TH-X Load Case	LinModHist	Min	Y	176.973	132.317	1.337
7F RF	TH-X Load Case	LinModHist	Min	X	210.39	191.243	1.1
7F RF	TH-X Load Case	LinModHist	Min	Y	172.843	128.549	1.345
6F RF	TH-X Load Case	LinModHist	Min	X	204.003	183.431	1.112
6F RF	TH-X Load Case	LinModHist	Min	Y	168.702	124.772	1.352
5F RF	TH-X Load Case	LinModHist	Min	X	197.215	175.877	1.121
5F RF	TH-X Load Case	LinModHist	Min	Y	164.587	121.012	1.36
4F RF	TH-X Load Case	LinModHist	Min	X	190.126	169.054	1.125
4F RF	TH-X Load Case	LinModHist	Min	Y	160.546	117.334	1.368
3F RF	TH-X Load Case	LinModHist	Min	X	182.874	161.213	1.134
3F RF	TH-X Load Case	LinModHist	Min	Y	156.624	113.74	1.377
2F RF	TH-X Load Case	LinModHist	Min	X	175.59	153.521	1.144
2F RF	TH-X Load Case	LinModHist	Min	Y	152.914	110.426	1.385
1F RF	TH-X Load Case	LinModHist	Min	X	168.096	146.464	1.148
1F RF	TH-X Load Case	LinModHist	Min	Y	149.54	107.262	1.394
Base	TH-X Load Case	LinModHist	Min	X	115.101	114.636	1.004
Base	TH-X Load Case	LinModHist	Min	Y	63.662	60.865	1.046
14	TH-Y Load Case	LinModHist	Max	X	317.209	290.455	1.092
14	TH-Y Load Case	LinModHist	Max	Y	140.458	116.487	1.206
13	TH-Y Load Case	LinModHist	Max	X	307.676	281.38	1.093
13	TH-Y Load Case	LinModHist	Max	Y	135.932	112.79	1.205
12F RF	TH-Y Load Case	LinModHist	Max	X	297.624	271.808	1.095
12F RF	TH-Y Load Case	LinModHist	Max	Y	131.283	109.001	1.204
11F RF	TH-Y Load Case	LinModHist	Max	X	287.035	261.721	1.097

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	TH-Y Load Case	LinModHist	Max	Y	126.51	105.255	1.202
10F RF	TH-Y Load Case	LinModHist	Max	X	275.924	251.134	1.099
10F RF	TH-Y Load Case	LinModHist	Max	Y	121.621	101.536	1.198
9F RF	TH-Y Load Case	LinModHist	Max	X	264.334	240.096	1.101
9F RF	TH-Y Load Case	LinModHist	Max	Y	116.633	97.743	1.193
8F RF	TH-Y Load Case	LinModHist	Max	X	252.339	228.685	1.103
8F RF	TH-Y Load Case	LinModHist	Max	Y	111.571	93.893	1.188
7F RF	TH-Y Load Case	LinModHist	Max	X	240.045	217.007	1.106
7F RF	TH-Y Load Case	LinModHist	Max	Y	106.471	90.012	1.183
6F RF	TH-Y Load Case	LinModHist	Max	X	227.588	205.196	1.109
6F RF	TH-Y Load Case	LinModHist	Max	Y	101.378	86.137	1.177
5F RF	TH-Y Load Case	LinModHist	Max	X	215.13	193.391	1.112
5F RF	TH-Y Load Case	LinModHist	Max	Y	96.405	82.502	1.169
4F RF	TH-Y Load Case	LinModHist	Max	X	202.859	181.764	1.116
4F RF	TH-Y Load Case	LinModHist	Max	Y	91.658	79.059	1.159
3F RF	TH-Y Load Case	LinModHist	Max	X	190.956	170.528	1.12
3F RF	TH-Y Load Case	LinModHist	Max	Y	87.742	75.799	1.158
2F RF	TH-Y Load Case	LinModHist	Max	X	179.53	160.015	1.122
2F RF	TH-Y Load Case	LinModHist	Max	Y	84.598	72.984	1.159
1F RF	TH-Y Load Case	LinModHist	Max	X	168.972	150.146	1.125
1F RF	TH-Y Load Case	LinModHist	Max	Y	82.532	70.704	1.167
Base	TH-Y Load Case	LinModHist	Max	X	123.589	122.6	1.008
Base	TH-Y Load Case	LinModHist	Max	Y	55.436	55.241	1.004
14	TH-Y Load Case	LinModHist	Min	X	210.781	205.312	1.027
14	TH-Y Load Case	LinModHist	Min	Y	155.95	122.194	1.276
13	TH-Y Load Case	LinModHist	Min	X	204.925	199.756	1.026
13	TH-Y Load Case	LinModHist	Min	Y	153.28	119.771	1.28
12F RF	TH-Y Load Case	LinModHist	Min	X	198.752	193.923	1.025
12F RF	TH-Y Load Case	LinModHist	Min	Y	150.556	117.301	1.283
11F RF	TH-Y Load Case	LinModHist	Min	X	192.258	187.96	1.023
11F RF	TH-Y Load Case	LinModHist	Min	Y	147.773	114.782	1.287
10F RF	TH-Y Load Case	LinModHist	Min	X	185.913	181.875	1.022
10F RF	TH-Y Load Case	LinModHist	Min	Y	144.933	112.215	1.292
9F RF	TH-Y Load Case	LinModHist	Min	X	179.237	175.424	1.022
9F RF	TH-Y Load Case	LinModHist	Min	Y	142.547	109.858	1.298
8F RF	TH-Y Load Case	LinModHist	Min	X	172.233	168.616	1.021
8F RF	TH-Y Load Case	LinModHist	Min	Y	140.27	107.366	1.306
7F RF	TH-Y Load Case	LinModHist	Min	X	164.942	161.492	1.021
7F RF	TH-Y Load Case	LinModHist	Min	Y	137.945	104.779	1.317
6F RF	TH-Y Load Case	LinModHist	Min	X	157.428	154.12	1.021
6F RF	TH-Y Load Case	LinModHist	Min	Y	135.585	102.174	1.327
5F RF	TH-Y Load Case	LinModHist	Min	X	149.785	146.599	1.022
5F RF	TH-Y Load Case	LinModHist	Min	Y	133.211	99.567	1.338
4F RF	TH-Y Load Case	LinModHist	Min	X	143.98	139.978	1.029
4F RF	TH-Y Load Case	LinModHist	Min	Y	130.842	96.999	1.349

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
3F RF	TH-Y Load Case	LinModHist	Min	X	138.581	133.606	1.037
3F RF	TH-Y Load Case	LinModHist	Min	Y	128.507	94.474	1.36
2F RF	TH-Y Load Case	LinModHist	Min	X	133.267	127.352	1.046
2F RF	TH-Y Load Case	LinModHist	Min	Y	126.312	92.097	1.371
1F RF	TH-Y Load Case	LinModHist	Min	X	127.796	121.182	1.055
1F RF	TH-Y Load Case	LinModHist	Min	Y	124.62	89.831	1.387
Base	TH-Y Load Case	LinModHist	Min	X	103.795	101.485	1.023
Base	TH-Y Load Case	LinModHist	Min	Y	51.344	51.047	1.006
14	UDCon1	Combination		X	58.68	39.85	1.473
14	UDCon1	Combination		Y	46.34	16.628	2.787
13	UDCon1	Combination		X	52.149	33.27	1.567
13	UDCon1	Combination		Y	42.155	12.369	3.408
12F RF	UDCon1	Combination		X	45.735	26.893	1.701
12F RF	UDCon1	Combination		Y	38.04	8.306	4.58
11F RF	UDCon1	Combination		X	39.503	20.808	1.898
11F RF	UDCon1	Combination		Y	34.012	4.502	7.555
10F RF	UDCon1	Combination		X	33.505	15.097	2.219
9F RF	UDCon1	Combination		X	27.793	9.845	2.823
9F RF	UDCon1	Combination		Y	30.411	2.063	14.739
8F RF	UDCon1	Combination		X	22.42	5.14	4.362
8F RF	UDCon1	Combination		Y	32.001	4.686	6.829
7F RF	UDCon1	Combination		X	17.434	1.075	16.218
7F RF	UDCon1	Combination		Y	32.689	6.769	4.829
6F RF	UDCon1	Combination		X	17.388	2.255	7.711
6F RF	UDCon1	Combination		Y	32.338	8.228	3.93
5F RF	UDCon1	Combination		X	18.341	4.765	3.849
5F RF	UDCon1	Combination		Y	30.775	8.956	3.436
4F RF	UDCon1	Combination		X	17.938	6.254	2.868
4F RF	UDCon1	Combination		Y	27.722	8.804	3.149
3F RF	UDCon1	Combination		X	15.823	6.466	2.447
3F RF	UDCon1	Combination		Y	22.671	7.532	3.01
2F RF	UDCon1	Combination		X	11.35	5.126	2.214
2F RF	UDCon1	Combination		Y	14.664	4.727	3.102
1F RF	UDCon1	Combination		X	4.436	1.489	2.98
1F RF	UDCon1	Combination		Y	6.373	1.574	4.05
Base	UDCon1	Combination		X	4.919	4.531	1.086
Base	UDCon1	Combination		Y	1.99	1.531	1.3
14	UDCon2	Combination		X	64.81	45.293	1.431
14	UDCon2	Combination		Y	49.397	18.604	2.655
13	UDCon2	Combination		X	57.63	38.04	1.515
13	UDCon2	Combination		Y	44.924	14.019	3.205
12F RF	UDCon2	Combination		X	50.578	31.005	1.631
12F RF	UDCon2	Combination		Y	40.526	9.64	4.204
11F RF	UDCon2	Combination		X	43.726	24.286	1.8
11F RF	UDCon2	Combination		Y	36.221	5.537	6.542

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon2	Combination		X	37.128	17.969	2.066
9F RF	UDCon2	Combination		X	30.844	12.146	2.539
9F RF	UDCon2	Combination		Y	31.093	1.564	19.882
8F RF	UDCon2	Combination		X	24.928	6.913	3.606
8F RF	UDCon2	Combination		Y	32.891	4.415	7.451
7F RF	UDCon2	Combination		X	19.435	2.368	8.207
7F RF	UDCon2	Combination		Y	33.736	6.694	5.04
6F RF	UDCon2	Combination		X	17.184	1.385	12.404
6F RF	UDCon2	Combination		Y	33.482	8.311	4.029
5F RF	UDCon2	Combination		X	18.436	4.255	4.333
5F RF	UDCon2	Combination		Y	31.947	9.155	3.49
4F RF	UDCon2	Combination		X	18.238	6.028	3.026
4F RF	UDCon2	Combination		Y	28.841	9.067	3.181
3F RF	UDCon2	Combination		X	16.215	6.434	2.52
3F RF	UDCon2	Combination		Y	23.628	7.798	3.03
2F RF	UDCon2	Combination		X	11.692	5.18	2.257
2F RF	UDCon2	Combination		Y	15.304	4.911	3.116
1F RF	UDCon2	Combination		X	4.568	1.483	3.08
1F RF	UDCon2	Combination		Y	6.686	1.66	4.027
Base	UDCon2	Combination		X	5.245	4.827	1.087
Base	UDCon2	Combination		Y	2.205	1.711	1.289
14	UDCon3	Combination	Max	X	229.105	217.548	1.053
14	UDCon3	Combination	Max	Y	229.349	172.972	1.326
13	UDCon3	Combination	Max	X	225.577	214.115	1.054
13	UDCon3	Combination	Max	Y	222.208	165.763	1.341
12F RF	UDCon3	Combination	Max	X	221.385	210.083	1.054
12F RF	UDCon3	Combination	Max	Y	215.043	158.63	1.356
11F RF	UDCon3	Combination	Max	X	216.424	205.378	1.054
11F RF	UDCon3	Combination	Max	Y	207.863	151.778	1.37
10F RF	UDCon3	Combination	Max	X	210.632	199.959	1.053
10F RF	UDCon3	Combination	Max	Y	200.685	145.062	1.383
9F RF	UDCon3	Combination	Max	X	203.975	193.814	1.052
9F RF	UDCon3	Combination	Max	Y	193.535	138.542	1.397
8F RF	UDCon3	Combination	Max	X	198.596	188.038	1.056
8F RF	UDCon3	Combination	Max	Y	186.449	132.293	1.409
7F RF	UDCon3	Combination	Max	X	194.88	182.859	1.066
7F RF	UDCon3	Combination	Max	Y	179.475	126.409	1.42
6F RF	UDCon3	Combination	Max	X	190.186	177.007	1.074
6F RF	UDCon3	Combination	Max	Y	172.669	120.998	1.427
5F RF	UDCon3	Combination	Max	X	184.51	170.51	1.082
5F RF	UDCon3	Combination	Max	Y	166.443	116.304	1.431
4F RF	UDCon3	Combination	Max	X	177.749	163.304	1.088
4F RF	UDCon3	Combination	Max	Y	160.694	112.35	1.43
3F RF	UDCon3	Combination	Max	X	169.755	155.401	1.092
3F RF	UDCon3	Combination	Max	Y	155.222	109.043	1.424

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon3	Combination	Max	X	160.124	146.497	1.093
2F RF	UDCon3	Combination	Max	Y	150.019	106.548	1.408
1F RF	UDCon3	Combination	Max	X	148.504	134.686	1.103
1F RF	UDCon3	Combination	Max	Y	145.424	104.963	1.385
Base	UDCon3	Combination	Max	X	112.396	110.155	1.02
Base	UDCon3	Combination	Max	Y	61.924	60.776	1.019
14	UDCon3	Combination	Min	X	289.339	269.377	1.074
14	UDCon3	Combination	Min	Y	169.032	137.869	1.226
13	UDCon3	Combination	Min	X	276.623	257.975	1.072
13	UDCon3	Combination	Min	Y	167.209	136.497	1.225
12F RF	UDCon3	Combination	Min	X	263.591	246.879	1.068
12F RF	UDCon3	Combination	Min	Y	165.009	134.791	1.224
11F RF	UDCon3	Combination	Min	X	250.293	235.022	1.065
11F RF	UDCon3	Combination	Min	Y	163.57	133.773	1.223
10F RF	UDCon3	Combination	Min	X	236.798	222.217	1.066
10F RF	UDCon3	Combination	Min	Y	162.625	132.935	1.223
9F RF	UDCon3	Combination	Min	X	223.205	210.791	1.059
9F RF	UDCon3	Combination	Min	Y	161.507	131.776	1.226
8F RF	UDCon3	Combination	Min	X	209.634	198.542	1.056
8F RF	UDCon3	Combination	Min	Y	160.215	130.264	1.23
7F RF	UDCon3	Combination	Min	X	199.291	188.115	1.059
7F RF	UDCon3	Combination	Min	Y	158.76	128.367	1.237
6F RF	UDCon3	Combination	Min	X	191.276	178.997	1.069
6F RF	UDCon3	Combination	Min	Y	157.16	126.064	1.247
5F RF	UDCon3	Combination	Min	X	183.755	170.145	1.08
5F RF	UDCon3	Combination	Min	Y	155.446	123.312	1.261
4F RF	UDCon3	Combination	Min	X	176.975	162.54	1.089
4F RF	UDCon3	Combination	Min	Y	153.652	120.122	1.279
3F RF	UDCon3	Combination	Min	X	171.292	155.521	1.101
3F RF	UDCon3	Combination	Min	Y	151.79	116.401	1.304
2F RF	UDCon3	Combination	Min	X	167.481	149.188	1.123
2F RF	UDCon3	Combination	Min	Y	149.826	112.39	1.333
1F RF	UDCon3	Combination	Min	X	165.387	144.874	1.142
1F RF	UDCon3	Combination	Min	Y	147.948	107.689	1.374
Base	UDCon3	Combination	Min	X	111.966	111.214	1.007
Base	UDCon3	Combination	Min	Y	62.145	59.674	1.041
14	UDCon4	Combination	Max	X	227.187	211.675	1.073
14	UDCon4	Combination	Max	Y	236.521	174.256	1.357
13	UDCon4	Combination	Max	X	228.097	210.738	1.082
13	UDCon4	Combination	Max	Y	229.243	166.907	1.373
12F RF	UDCon4	Combination	Max	X	228.507	209.3	1.092
12F RF	UDCon4	Combination	Max	Y	221.936	159.592	1.391
11F RF	UDCon4	Combination	Max	X	228.887	207.572	1.103
11F RF	UDCon4	Combination	Max	Y	214.659	152.846	1.404
10F RF	UDCon4	Combination	Max	X	228.603	205.214	1.114

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon4	Combination	Max	Y	207.756	146.545	1.418
9F RF	UDCon4	Combination	Max	X	227.367	202.042	1.125
9F RF	UDCon4	Combination	Max	Y	200.865	140.405	1.431
8F RF	UDCon4	Combination	Max	X	225.056	198.049	1.136
8F RF	UDCon4	Combination	Max	Y	194.02	134.492	1.443
7F RF	UDCon4	Combination	Max	X	221.565	193.467	1.145
7F RF	UDCon4	Combination	Max	Y	187.266	128.879	1.453
6F RF	UDCon4	Combination	Max	X	216.818	187.843	1.154
6F RF	UDCon4	Combination	Max	Y	180.659	123.666	1.461
5F RF	UDCon4	Combination	Max	X	210.82	181.682	1.16
5F RF	UDCon4	Combination	Max	Y	174.267	118.955	1.465
4F RF	UDCon4	Combination	Max	X	203.474	175.03	1.163
4F RF	UDCon4	Combination	Max	Y	168.151	114.875	1.464
3F RF	UDCon4	Combination	Max	X	194.673	167.014	1.166
3F RF	UDCon4	Combination	Max	Y	162.334	111.482	1.456
2F RF	UDCon4	Combination	Max	X	183.975	157.992	1.164
2F RF	UDCon4	Combination	Max	Y	156.81	108.856	1.441
1F RF	UDCon4	Combination	Max	X	171.281	148.221	1.156
1F RF	UDCon4	Combination	Max	Y	151.954	107.209	1.417
Base	UDCon4	Combination	Max	X	118.237	118.058	1.002
Base	UDCon4	Combination	Max	Y	65.179	62.042	1.051
14	UDCon4	Combination	Min	X	295.389	278.762	1.06
14	UDCon4	Combination	Min	Y	159.567	134.577	1.186
13	UDCon4	Combination	Min	X	282.113	265.316	1.063
13	UDCon4	Combination	Min	Y	158.759	133.911	1.186
12F RF	UDCon4	Combination	Min	X	268.486	251.575	1.067
12F RF	UDCon4	Combination	Min	Y	157.831	133.068	1.186
11F RF	UDCon4	Combination	Min	X	254.55	237.599	1.071
11F RF	UDCon4	Combination	Min	Y	156.764	132.017	1.187
10F RF	UDCon4	Combination	Min	X	240.373	223.474	1.076
10F RF	UDCon4	Combination	Min	Y	155.544	130.728	1.19
9F RF	UDCon4	Combination	Min	X	226.049	209.32	1.08
9F RF	UDCon4	Combination	Min	Y	154.166	129.177	1.193
8F RF	UDCon4	Combination	Min	X	211.698	196.362	1.078
8F RF	UDCon4	Combination	Min	Y	152.634	127.348	1.199
7F RF	UDCon4	Combination	Min	X	197.467	184.969	1.068
7F RF	UDCon4	Combination	Min	Y	150.958	125.224	1.206
6F RF	UDCon4	Combination	Min	X	183.521	173.329	1.059
6F RF	UDCon4	Combination	Min	Y	149.161	122.762	1.215
5F RF	UDCon4	Combination	Min	X	170.053	160.518	1.059
5F RF	UDCon4	Combination	Min	Y	147.615	120.043	1.23
4F RF	UDCon4	Combination	Min	X	157.307	148.625	1.058
4F RF	UDCon4	Combination	Min	Y	146.192	117.049	1.249
3F RF	UDCon4	Combination	Min	X	146.395	138.365	1.058
3F RF	UDCon4	Combination	Min	Y	144.677	113.607	1.273

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon4	Combination	Min	X	143.539	133.014	1.079
2F RF	UDCon4	Combination	Min	Y	143.025	109.893	1.301
1F RF	UDCon4	Combination	Min	X	142.731	129.322	1.104
1F RF	UDCon4	Combination	Min	Y	141.45	105.346	1.343
Base	UDCon4	Combination	Min	X	106.125	103.311	1.027
Base	UDCon4	Combination	Min	Y	58.891	58.396	1.008
14	UDCon5	Combination	Max	X	300.656	259.859	1.157
14	UDCon5	Combination	Max	Y	154.51	131.588	1.174
13	UDCon5	Combination	Max	X	296.161	255.785	1.158
13	UDCon5	Combination	Max	Y	148.144	125.202	1.183
12F RF	UDCon5	Combination	Max	X	290.946	251.065	1.159
12F RF	UDCon5	Combination	Max	Y	141.78	118.866	1.193
11F RF	UDCon5	Combination	Max	X	284.894	245.613	1.16
11F RF	UDCon5	Combination	Max	Y	135.436	112.454	1.204
10F RF	UDCon5	Combination	Max	X	277.927	239.38	1.161
10F RF	UDCon5	Combination	Max	Y	129.137	106.321	1.215
9F RF	UDCon5	Combination	Max	X	270.003	232.35	1.162
9F RF	UDCon5	Combination	Max	Y	122.918	100.396	1.224
8F RF	UDCon5	Combination	Max	X	261.105	224.53	1.163
8F RF	UDCon5	Combination	Max	Y	116.821	94.726	1.233
7F RF	UDCon5	Combination	Max	X	251.235	215.961	1.163
7F RF	UDCon5	Combination	Max	Y	111.067	89.592	1.24
6F RF	UDCon5	Combination	Max	X	240.415	206.704	1.163
6F RF	UDCon5	Combination	Max	Y	105.746	84.932	1.245
5F RF	UDCon5	Combination	Max	X	228.736	196.835	1.162
5F RF	UDCon5	Combination	Max	Y	100.674	80.808	1.246
4F RF	UDCon5	Combination	Max	X	216.207	186.351	1.16
4F RF	UDCon5	Combination	Max	Y	95.899	77.478	1.238
3F RF	UDCon5	Combination	Max	X	202.728	175.306	1.156
3F RF	UDCon5	Combination	Max	Y	91.657	74.85	1.225
2F RF	UDCon5	Combination	Max	X	188.001	163.858	1.147
2F RF	UDCon5	Combination	Max	Y	88.036	72.672	1.211
1F RF	UDCon5	Combination	Max	X	172.24	151.225	1.139
1F RF	UDCon5	Combination	Max	Y	84.942	71.209	1.193
Base	UDCon5	Combination	Max	X	126.725	126.023	1.006
Base	UDCon5	Combination	Max	Y	56.953	56.428	1.009
14	UDCon5	Combination	Min	X	247.986	237.629	1.044
14	UDCon5	Combination	Min	Y	156.505	112.401	1.392
13	UDCon5	Combination	Min	X	238.196	227.283	1.048
13	UDCon5	Combination	Min	Y	155.089	112.207	1.382
12F RF	UDCon5	Combination	Min	X	228.181	216.777	1.053
12F RF	UDCon5	Combination	Min	Y	153.307	111.752	1.372
11F RF	UDCon5	Combination	Min	X	217.944	206.148	1.057
11F RF	UDCon5	Combination	Min	Y	151.071	110.976	1.361
10F RF	UDCon5	Combination	Min	X	207.498	195.682	1.06

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon5	Combination	Min	Y	148.303	109.821	1.35
9F RF	UDCon5	Combination	Min	X	196.878	185.202	1.063
9F RF	UDCon5	Combination	Min	Y	144.935	108.234	1.339
8F RF	UDCon5	Combination	Min	X	186.142	174.786	1.065
8F RF	UDCon5	Combination	Min	Y	140.905	106.168	1.327
7F RF	UDCon5	Combination	Min	X	175.371	164.546	1.066
7F RF	UDCon5	Combination	Min	Y	136.158	103.576	1.315
6F RF	UDCon5	Combination	Min	X	164.674	154.625	1.065
6F RF	UDCon5	Combination	Min	Y	130.638	100.409	1.301
5F RF	UDCon5	Combination	Min	X	154.189	145.184	1.062
5F RF	UDCon5	Combination	Min	Y	124.266	96.601	1.286
4F RF	UDCon5	Combination	Min	X	144.129	136.923	1.053
4F RF	UDCon5	Combination	Min	Y	123.948	95.591	1.297
3F RF	UDCon5	Combination	Min	X	134.785	128.765	1.047
3F RF	UDCon5	Combination	Min	Y	123.672	94.353	1.311
2F RF	UDCon5	Combination	Min	X	126.614	121.912	1.039
2F RF	UDCon5	Combination	Min	Y	123.223	92.614	1.331
1F RF	UDCon5	Combination	Min	X	125.265	118.634	1.056
1F RF	UDCon5	Combination	Min	Y	123.029	89.917	1.368
Base	UDCon5	Combination	Min	X	100.661	98.063	1.026
Base	UDCon5	Combination	Min	Y	50.522	49.877	1.013
14	UDCon6	Combination	Max	X	194.233	176.417	1.101
14	UDCon6	Combination	Max	Y	190.887	146.588	1.302
13	UDCon6	Combination	Max	X	193.428	176.087	1.098
13	UDCon6	Combination	Max	Y	185.06	140.748	1.315
12F RF	UDCon6	Combination	Max	X	192.094	175.29	1.096
12F RF	UDCon6	Combination	Max	Y	179.231	135.005	1.328
11F RF	UDCon6	Combination	Max	X	190.13	173.931	1.093
11F RF	UDCon6	Combination	Max	Y	173.408	129.331	1.341
10F RF	UDCon6	Combination	Max	X	187.923	172.167	1.092
10F RF	UDCon6	Combination	Max	Y	167.608	123.762	1.354
9F RF	UDCon6	Combination	Max	X	184.911	169.697	1.09
9F RF	UDCon6	Combination	Max	Y	162.353	118.59	1.369
8F RF	UDCon6	Combination	Max	X	181	166.462	1.087
8F RF	UDCon6	Combination	Max	Y	157.319	113.473	1.386
7F RF	UDCon6	Combination	Max	X	176.131	162.436	1.084
7F RF	UDCon6	Combination	Max	Y	152.37	108.347	1.406
6F RF	UDCon6	Combination	Max	X	170.254	157.617	1.08
6F RF	UDCon6	Combination	Max	Y	147.545	103.625	1.424
5F RF	UDCon6	Combination	Max	X	163.39	152.02	1.075
5F RF	UDCon6	Combination	Max	Y	142.893	99.668	1.434
4F RF	UDCon6	Combination	Max	X	157.328	146.512	1.074
4F RF	UDCon6	Combination	Max	Y	138.449	96.313	1.437
3F RF	UDCon6	Combination	Max	X	150.379	140.315	1.072
3F RF	UDCon6	Combination	Max	Y	134.217	93.532	1.435

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon6	Combination	Max	X	141.727	133.163	1.064
2F RF	UDCon6	Combination	Max	Y	130.205	91.358	1.425
1F RF	UDCon6	Combination	Max	X	131.067	123.847	1.058
1F RF	UDCon6	Combination	Max	Y	127.011	90.043	1.411
Base	UDCon6	Combination	Max	X	106.931	104.907	1.019
Base	UDCon6	Combination	Max	Y	52.265	52.207	1.001
14	UDCon6	Combination	Min	X	333.763	321.032	1.04
14	UDCon6	Combination	Min	Y	149.965	111.17	1.349
13	UDCon6	Combination	Min	X	319.196	306.949	1.04
13	UDCon6	Combination	Min	Y	148.721	110.716	1.343
12F RF	UDCon6	Combination	Min	X	304.318	292.521	1.04
12F RF	UDCon6	Combination	Min	Y	147.116	109.993	1.338
11F RF	UDCon6	Combination	Min	X	289.208	277.795	1.041
11F RF	UDCon6	Combination	Min	Y	145.059	109.075	1.33
10F RF	UDCon6	Combination	Min	X	273.97	262.856	1.042
10F RF	UDCon6	Combination	Min	Y	142.474	107.883	1.321
9F RF	UDCon6	Combination	Min	X	258.727	247.812	1.044
9F RF	UDCon6	Combination	Min	Y	139.29	106.254	1.311
8F RF	UDCon6	Combination	Min	X	243.65	232.81	1.047
8F RF	UDCon6	Combination	Min	Y	135.447	104.138	1.301
7F RF	UDCon6	Combination	Min	X	228.945	218.023	1.05
7F RF	UDCon6	Combination	Min	Y	130.886	101.489	1.29
6F RF	UDCon6	Combination	Min	X	214.857	203.662	1.055
6F RF	UDCon6	Combination	Min	Y	125.551	98.261	1.278
5F RF	UDCon6	Combination	Min	X	201.67	189.965	1.062
5F RF	UDCon6	Combination	Min	Y	119.419	94.589	1.263
4F RF	UDCon6	Combination	Min	X	189.713	177.228	1.07
4F RF	UDCon6	Combination	Min	Y	112.398	90.295	1.245
3F RF	UDCon6	Combination	Min	X	179.38	165.81	1.082
3F RF	UDCon6	Combination	Min	Y	104.715	85.411	1.226
2F RF	UDCon6	Combination	Min	X	171.387	156.318	1.096
2F RF	UDCon6	Combination	Min	Y	95.563	79.641	1.2
1F RF	UDCon6	Combination	Min	X	166.271	149.093	1.115
1F RF	UDCon6	Combination	Min	Y	86.223	73.246	1.177
Base	UDCon6	Combination	Min	X	120.452	119.178	1.011
Base	UDCon6	Combination	Min	Y	54.256	54.088	1.003
14	UDCon7	Combination	Max	X	230.057	218.636	1.052
14	UDCon7	Combination	Max	Y	228.738	172.538	1.326
13	UDCon7	Combination	Max	X	226.389	215.069	1.053
13	UDCon7	Combination	Max	Y	221.655	165.413	1.34
12F RF	UDCon7	Combination	Max	X	222.062	210.906	1.053
12F RF	UDCon7	Combination	Max	Y	214.546	158.342	1.355
11F RF	UDCon7	Combination	Max	X	216.971	206.073	1.053
11F RF	UDCon7	Combination	Max	Y	207.421	151.55	1.369
10F RF	UDCon7	Combination	Max	X	211.057	200.534	1.052

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon7	Combination	Max	Y	200.297	144.889	1.382
9F RF	UDCon7	Combination	Max	X	204.286	194.274	1.052
9F RF	UDCon7	Combination	Max	Y	193.199	138.42	1.396
8F RF	UDCon7	Combination	Max	X	198.804	188.393	1.055
8F RF	UDCon7	Combination	Max	Y	186.163	132.218	1.408
7F RF	UDCon7	Combination	Max	X	194.997	183.118	1.065
7F RF	UDCon7	Combination	Max	Y	179.235	126.373	1.418
6F RF	UDCon7	Combination	Max	X	190.227	177.181	1.074
6F RF	UDCon7	Combination	Max	Y	172.473	120.994	1.425
5F RF	UDCon7	Combination	Max	X	184.491	170.612	1.081
5F RF	UDCon7	Combination	Max	Y	166.288	116.324	1.43
4F RF	UDCon7	Combination	Max	X	177.689	163.349	1.088
4F RF	UDCon7	Combination	Max	Y	160.575	112.368	1.429
3F RF	UDCon7	Combination	Max	X	169.677	155.408	1.092
3F RF	UDCon7	Combination	Max	Y	155.137	109.066	1.422
2F RF	UDCon7	Combination	Max	X	160.055	146.461	1.093
2F RF	UDCon7	Combination	Max	Y	149.965	106.57	1.407
1F RF	UDCon7	Combination	Max	X	148.478	134.667	1.103
1F RF	UDCon7	Combination	Max	Y	145.396	104.969	1.385
Base	UDCon7	Combination	Max	X	112.342	110.096	1.02
Base	UDCon7	Combination	Max	Y	61.881	60.74	1.019
14	UDCon7	Combination	Min	X	288.113	268.244	1.074
14	UDCon7	Combination	Min	Y	169.211	138.107	1.225
13	UDCon7	Combination	Min	X	275.527	256.974	1.072
13	UDCon7	Combination	Min	Y	167.315	136.665	1.224
12F RF	UDCon7	Combination	Min	X	262.622	246.009	1.068
12F RF	UDCon7	Combination	Min	Y	165.231	134.983	1.224
11F RF	UDCon7	Combination	Min	X	249.448	234.25	1.065
11F RF	UDCon7	Combination	Min	Y	164.009	134.043	1.224
10F RF	UDCon7	Combination	Min	X	236.073	221.565	1.065
10F RF	UDCon7	Combination	Min	Y	163.01	133.149	1.224
9F RF	UDCon7	Combination	Min	X	222.595	210.253	1.059
9F RF	UDCon7	Combination	Min	Y	161.839	131.938	1.227
8F RF	UDCon7	Combination	Min	X	209.132	198.091	1.056
8F RF	UDCon7	Combination	Min	Y	160.497	130.38	1.231
7F RF	UDCon7	Combination	Min	X	199.172	187.905	1.06
7F RF	UDCon7	Combination	Min	Y	158.994	128.441	1.238
6F RF	UDCon7	Combination	Min	X	191.234	178.858	1.069
6F RF	UDCon7	Combination	Min	Y	157.349	126.104	1.248
5F RF	UDCon7	Combination	Min	X	183.772	170.071	1.081
5F RF	UDCon7	Combination	Min	Y	155.593	123.324	1.262
4F RF	UDCon7	Combination	Min	X	177.033	162.518	1.089
4F RF	UDCon7	Combination	Min	Y	153.76	120.115	1.28
3F RF	UDCon7	Combination	Min	X	171.367	155.525	1.102
3F RF	UDCon7	Combination	Min	Y	151.862	116.383	1.305

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon7	Combination	Min	X	167.543	149.204	1.123
2F RF	UDCon7	Combination	Min	Y	149.868	112.37	1.334
1F RF	UDCon7	Combination	Min	X	165.402	144.878	1.142
1F RF	UDCon7	Combination	Min	Y	147.965	107.682	1.374
Base	UDCon7	Combination	Min	X	112.019	111.273	1.007
Base	UDCon7	Combination	Min	Y	62.189	59.711	1.041
14	UDCon8	Combination	Max	X	228.138	212.728	1.072
14	UDCon8	Combination	Max	Y	235.91	173.802	1.357
13	UDCon8	Combination	Max	X	228.909	211.655	1.082
13	UDCon8	Combination	Max	Y	228.69	166.516	1.373
12F RF	UDCon8	Combination	Max	X	229.184	210.084	1.091
12F RF	UDCon8	Combination	Max	Y	221.439	159.263	1.39
11F RF	UDCon8	Combination	Max	X	229.434	208.229	1.102
11F RF	UDCon8	Combination	Max	Y	214.217	152.575	1.404
10F RF	UDCon8	Combination	Max	X	229.027	205.737	1.113
10F RF	UDCon8	Combination	Max	Y	207.368	146.329	1.417
9F RF	UDCon8	Combination	Max	X	227.677	202.451	1.125
9F RF	UDCon8	Combination	Max	Y	200.529	140.241	1.43
8F RF	UDCon8	Combination	Max	X	225.263	198.353	1.136
8F RF	UDCon8	Combination	Max	Y	193.734	134.374	1.442
7F RF	UDCon8	Combination	Max	X	221.682	193.688	1.145
7F RF	UDCon8	Combination	Max	Y	187.026	128.802	1.452
6F RF	UDCon8	Combination	Max	X	216.859	187.983	1.154
6F RF	UDCon8	Combination	Max	Y	180.464	123.624	1.46
5F RF	UDCon8	Combination	Max	X	210.801	181.755	1.16
5F RF	UDCon8	Combination	Max	Y	174.112	118.94	1.464
4F RF	UDCon8	Combination	Max	X	203.414	175.059	1.162
4F RF	UDCon8	Combination	Max	Y	168.033	114.878	1.463
3F RF	UDCon8	Combination	Max	X	194.595	167.008	1.165
3F RF	UDCon8	Combination	Max	Y	162.249	111.494	1.455
2F RF	UDCon8	Combination	Max	X	183.906	157.973	1.164
2F RF	UDCon8	Combination	Max	Y	156.756	108.87	1.44
1F RF	UDCon8	Combination	Max	X	171.254	148.212	1.155
1F RF	UDCon8	Combination	Max	Y	151.926	107.211	1.417
Base	UDCon8	Combination	Max	X	118.184	117.999	1.002
Base	UDCon8	Combination	Max	Y	65.136	62.006	1.05
14	UDCon8	Combination	Min	X	294.163	277.673	1.059
14	UDCon8	Combination	Min	Y	160.177	135.074	1.186
13	UDCon8	Combination	Min	X	281.017	264.362	1.063
13	UDCon8	Combination	Min	Y	159.31	134.346	1.186
12F RF	UDCon8	Combination	Min	X	267.517	250.752	1.067
12F RF	UDCon8	Combination	Min	Y	158.325	133.443	1.186
11F RF	UDCon8	Combination	Min	X	253.706	236.903	1.071
11F RF	UDCon8	Combination	Min	Y	157.203	132.334	1.188
10F RF	UDCon8	Combination	Min	X	239.649	222.9	1.075

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon8	Combination	Min	Y	155.929	130.99	1.19
9F RF	UDCon8	Combination	Min	X	225.439	208.859	1.079
9F RF	UDCon8	Combination	Min	Y	154.499	129.387	1.194
8F RF	UDCon8	Combination	Min	X	211.197	196.008	1.077
8F RF	UDCon8	Combination	Min	Y	152.916	127.51	1.199
7F RF	UDCon8	Combination	Min	X	197.067	184.71	1.067
7F RF	UDCon8	Combination	Min	Y	151.192	125.343	1.206
6F RF	UDCon8	Combination	Min	X	183.214	173.111	1.058
6F RF	UDCon8	Combination	Min	Y	149.35	122.825	1.216
5F RF	UDCon8	Combination	Min	X	169.831	160.376	1.059
5F RF	UDCon8	Combination	Min	Y	147.762	120.075	1.231
4F RF	UDCon8	Combination	Min	X	157.158	148.545	1.058
4F RF	UDCon8	Combination	Min	Y	146.299	117.059	1.25
3F RF	UDCon8	Combination	Min	X	146.47	138.412	1.058
3F RF	UDCon8	Combination	Min	Y	144.749	113.604	1.274
2F RF	UDCon8	Combination	Min	X	143.601	133.061	1.079
2F RF	UDCon8	Combination	Min	Y	143.066	109.884	1.302
1F RF	UDCon8	Combination	Min	X	142.746	129.342	1.104
1F RF	UDCon8	Combination	Min	Y	141.466	105.339	1.343
Base	UDCon8	Combination	Min	X	106.178	103.37	1.027
Base	UDCon8	Combination	Min	Y	58.934	58.433	1.009
14	UDCon9	Combination	Max	X	301.608	260.948	1.156
14	UDCon9	Combination	Max	Y	153.899	131.11	1.174
13	UDCon9	Combination	Max	X	296.973	256.739	1.157
13	UDCon9	Combination	Max	Y	147.59	124.787	1.183
12F RF	UDCon9	Combination	Max	X	291.623	251.887	1.158
12F RF	UDCon9	Combination	Max	Y	141.283	118.511	1.192
11F RF	UDCon9	Combination	Max	X	285.441	246.308	1.159
11F RF	UDCon9	Combination	Max	Y	134.994	112.171	1.203
10F RF	UDCon9	Combination	Max	X	278.351	239.954	1.16
10F RF	UDCon9	Combination	Max	Y	128.749	106.093	1.214
9F RF	UDCon9	Combination	Max	X	270.314	232.81	1.161
9F RF	UDCon9	Combination	Max	Y	122.582	100.219	1.223
8F RF	UDCon9	Combination	Max	X	261.312	224.885	1.162
8F RF	UDCon9	Combination	Max	Y	116.534	94.596	1.232
7F RF	UDCon9	Combination	Max	X	251.352	216.219	1.162
7F RF	UDCon9	Combination	Max	Y	110.828	89.504	1.238
6F RF	UDCon9	Combination	Max	X	240.456	206.878	1.162
6F RF	UDCon9	Combination	Max	Y	105.55	84.89	1.243
5F RF	UDCon9	Combination	Max	X	228.717	196.937	1.161
5F RF	UDCon9	Combination	Max	Y	100.519	80.793	1.244
4F RF	UDCon9	Combination	Max	X	216.147	186.396	1.16
4F RF	UDCon9	Combination	Max	Y	95.781	77.481	1.236
3F RF	UDCon9	Combination	Max	X	202.65	175.313	1.156
3F RF	UDCon9	Combination	Max	Y	91.571	74.835	1.224

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon9	Combination	Max	X	187.932	163.847	1.147
2F RF	UDCon9	Combination	Max	Y	87.982	72.667	1.211
1F RF	UDCon9	Combination	Max	X	172.214	151.226	1.139
1F RF	UDCon9	Combination	Max	Y	84.914	71.205	1.193
Base	UDCon9	Combination	Max	X	126.671	125.963	1.006
Base	UDCon9	Combination	Max	Y	56.91	56.392	1.009
14	UDCon9	Combination	Min	X	246.76	236.541	1.043
14	UDCon9	Combination	Min	Y	156.684	112.724	1.39
13	UDCon9	Combination	Min	X	237.1	226.329	1.048
13	UDCon9	Combination	Min	Y	155.195	112.462	1.38
12F RF	UDCon9	Combination	Min	X	227.212	215.954	1.052
12F RF	UDCon9	Combination	Min	Y	153.344	111.942	1.37
11F RF	UDCon9	Combination	Min	X	217.099	205.453	1.057
11F RF	UDCon9	Combination	Min	Y	151.044	111.105	1.359
10F RF	UDCon9	Combination	Min	X	206.773	195.108	1.06
10F RF	UDCon9	Combination	Min	Y	148.217	109.893	1.349
9F RF	UDCon9	Combination	Min	X	196.268	184.742	1.062
9F RF	UDCon9	Combination	Min	Y	144.798	108.255	1.338
8F RF	UDCon9	Combination	Min	X	185.64	174.432	1.064
8F RF	UDCon9	Combination	Min	Y	140.727	106.145	1.326
7F RF	UDCon9	Combination	Min	X	174.971	164.288	1.065
7F RF	UDCon9	Combination	Min	Y	135.948	103.516	1.313
6F RF	UDCon9	Combination	Min	X	164.367	154.451	1.064
6F RF	UDCon9	Combination	Min	Y	130.409	100.321	1.3
5F RF	UDCon9	Combination	Min	X	153.966	145.082	1.061
5F RF	UDCon9	Combination	Min	Y	124.215	96.589	1.286
4F RF	UDCon9	Combination	Min	X	143.979	136.842	1.052
4F RF	UDCon9	Combination	Min	Y	124.055	95.647	1.297
3F RF	UDCon9	Combination	Min	X	134.695	128.73	1.046
3F RF	UDCon9	Combination	Min	Y	123.743	94.386	1.311
2F RF	UDCon9	Combination	Min	X	126.568	121.904	1.038
2F RF	UDCon9	Combination	Min	Y	123.265	92.612	1.331
1F RF	UDCon9	Combination	Min	X	125.281	118.652	1.056
1F RF	UDCon9	Combination	Min	Y	123.045	89.916	1.368
Base	UDCon9	Combination	Min	X	100.714	98.122	1.026
Base	UDCon9	Combination	Min	Y	50.55	49.913	1.013
14	UDCon10	Combination	Max	X	195.185	177.505	1.1
14	UDCon10	Combination	Max	Y	190.276	146.09	1.302
13	UDCon10	Combination	Max	X	194.24	177.041	1.097
13	UDCon10	Combination	Max	Y	184.506	140.312	1.315
12F RF	UDCon10	Combination	Max	X	192.771	176.113	1.095
12F RF	UDCon10	Combination	Max	Y	178.734	134.629	1.328
11F RF	UDCon10	Combination	Max	X	190.677	174.626	1.092
11F RF	UDCon10	Combination	Max	Y	172.966	129.013	1.341
10F RF	UDCon10	Combination	Max	X	188.347	172.742	1.09

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon10	Combination	Max	Y	167.22	123.498	1.354
9F RF	UDCon10	Combination	Max	X	185.222	170.157	1.089
9F RF	UDCon10	Combination	Max	Y	162.017	118.378	1.369
8F RF	UDCon10	Combination	Max	X	181.208	166.816	1.086
8F RF	UDCon10	Combination	Max	Y	157.032	113.33	1.386
7F RF	UDCon10	Combination	Max	X	176.247	162.695	1.083
7F RF	UDCon10	Combination	Max	Y	152.13	108.246	1.405
6F RF	UDCon10	Combination	Max	X	170.295	157.791	1.079
6F RF	UDCon10	Combination	Max	Y	147.35	103.559	1.423
5F RF	UDCon10	Combination	Max	X	163.372	152.122	1.074
5F RF	UDCon10	Combination	Max	Y	142.738	99.632	1.433
4F RF	UDCon10	Combination	Max	X	157.268	146.557	1.073
4F RF	UDCon10	Combination	Max	Y	138.331	96.297	1.436
3F RF	UDCon10	Combination	Max	X	150.3	140.321	1.071
3F RF	UDCon10	Combination	Max	Y	134.132	93.529	1.434
2F RF	UDCon10	Combination	Max	X	141.658	133.127	1.064
2F RF	UDCon10	Combination	Max	Y	130.151	91.362	1.425
1F RF	UDCon10	Combination	Max	X	131.041	123.836	1.058
1F RF	UDCon10	Combination	Max	Y	126.984	90.042	1.41
Base	UDCon10	Combination	Max	X	106.878	104.848	1.019
Base	UDCon10	Combination	Max	Y	52.222	52.171	1.001
14	UDCon10	Combination	Min	X	332.811	319.944	1.04
14	UDCon10	Combination	Min	Y	150.144	111.493	1.347
13	UDCon10	Combination	Min	X	318.383	305.995	1.04
13	UDCon10	Combination	Min	Y	148.827	110.971	1.341
12F RF	UDCon10	Combination	Min	X	303.64	291.699	1.041
12F RF	UDCon10	Combination	Min	Y	147.152	110.183	1.336
11F RF	UDCon10	Combination	Min	X	288.66	277.1	1.042
11F RF	UDCon10	Combination	Min	Y	145.031	109.203	1.328
10F RF	UDCon10	Combination	Min	X	273.545	262.282	1.043
10F RF	UDCon10	Combination	Min	Y	142.388	107.955	1.319
9F RF	UDCon10	Combination	Min	X	258.416	247.353	1.045
9F RF	UDCon10	Combination	Min	Y	139.154	106.274	1.309
8F RF	UDCon10	Combination	Min	X	243.441	232.456	1.047
8F RF	UDCon10	Combination	Min	Y	135.269	104.114	1.299
7F RF	UDCon10	Combination	Min	X	228.827	217.765	1.051
7F RF	UDCon10	Combination	Min	Y	130.676	101.429	1.288
6F RF	UDCon10	Combination	Min	X	214.815	203.488	1.056
6F RF	UDCon10	Combination	Min	Y	125.322	98.174	1.277
5F RF	UDCon10	Combination	Min	X	201.687	189.863	1.062
5F RF	UDCon10	Combination	Min	Y	119.185	94.485	1.261
4F RF	UDCon10	Combination	Min	X	189.771	177.183	1.071
4F RF	UDCon10	Combination	Min	Y	112.174	90.186	1.244
3F RF	UDCon10	Combination	Min	X	179.457	165.803	1.082
3F RF	UDCon10	Combination	Min	Y	104.524	85.312	1.225

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon10	Combination	Min	X	171.449	156.327	1.097
2F RF	UDCon10	Combination	Min	Y	95.435	79.571	1.199
1F RF	UDCon10	Combination	Min	X	166.286	149.092	1.115
1F RF	UDCon10	Combination	Min	Y	86.16	73.205	1.177
Base	UDCon10	Combination	Min	X	120.506	119.237	1.011
Base	UDCon10	Combination	Min	Y	54.285	54.124	1.003

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	0.000805	51	24.7	8.8	56
16	Dead	LinStatic		Y	0.000455	40	3.75	5	56
16	Live	LinStatic		X	0.000134	45	26.8	14.8	56
16	Live	LinStatic		Y	7.5E-05	43	26.8	5	56
16	FF	LinStatic		X	0.000371	44	26.8	19.6	56
16	FF	LinStatic		Y	0.00032	43	26.8	5	56
16	PW	LinStatic		X	0.000288	44	26.8	19.6	56
16	PW	LinStatic		Y	0.000254	43	26.8	5	56
16	Earthquake+x	LinStatic		X	0.002736	33	3.75	19.6	56
16	Earthquake+y	LinStatic		Y	0.002912	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Max	X	0.00224	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Max	Y	0.001274	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Min	X	0.002246	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Min	Y	0.001503	44	26.8	19.6	56
16	TH-Y Load Case	LinModHist	Max	X	0.002607	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Max	Y	0.001302	44	26.8	19.6	56
16	TH-Y Load Case	LinModHist	Min	X	0.001563	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Min	Y	0.001327	44	26.8	19.6	56
16	UDCon1	Combination		X	0.001951	51	24.7	8.8	56
16	UDCon1	Combination		Y	0.001353	27	17.9	5	56
16	UDCon2	Combination		X	0.002147	48	26.8	12	56
16	UDCon2	Combination		Y	0.001465	43	26.8	5	56
16	UDCon3	Combination	Max	X	0.000815	40	3.75	5	56
16	UDCon3	Combination	Max	Y	0.00229	43	26.8	5	56
16	UDCon3	Combination	Min	X	0.003684	33	3.75	19.6	56
16	UDCon4	Combination	Max	X	0.000808	33	3.75	19.6	56
16	UDCon4	Combination	Max	Y	0.002515	43	26.8	5	56
16	UDCon4	Combination	Min	X	0.003682	45	26.8	14.8	56
16	UDCon5	Combination	Max	X	0.00117	33	3.75	19.6	56
16	UDCon5	Combination	Max	Y	0.002311	43	26.8	5	56
16	UDCon5	Combination	Min	X	0.003003	11	7	19.6	56
16	UDCon6	Combination	Max	Y	0.002341	43	26.8	5	56
16	UDCon6	Combination	Min	X	0.004045	33	3.75	19.6	56
16	UDCon7	Combination	Max	X	0.000851	40	3.75	5	56
16	UDCon7	Combination	Max	Y	0.002267	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	UDCon7	Combination	Min	X	0.003644	33	3.75	19.6	56
16	UDCon8	Combination	Max	X	0.000848	33	3.75	19.6	56
16	UDCon8	Combination	Max	Y	0.002493	43	26.8	5	56
16	UDCon8	Combination	Min	X	0.003642	45	26.8	14.8	56
16	UDCon9	Combination	Max	X	0.001209	33	3.75	19.6	56
16	UDCon9	Combination	Max	Y	0.002289	43	26.8	5	56
16	UDCon9	Combination	Min	X	0.002963	11	7	19.6	56
16	UDCon10	Combination	Max	Y	0.002319	43	26.8	5	56
16	UDCon10	Combination	Min	X	0.004006	33	3.75	19.6	56
15	Dead	LinStatic		X	0.000795	43	26.8	5	52.5
15	Dead	LinStatic		Y	0.00044	40	3.75	5	52.5
15	Live	LinStatic		X	0.000135	32	11.4	19.6	52.5
15	Live	LinStatic		Y	7.2E-05	47	26.8	10	52.5
15	FF	LinStatic		X	0.000374	32	11.4	19.6	52.5
15	FF	LinStatic		Y	0.000308	47	26.8	10	52.5
15	PW	LinStatic		X	0.000291	32	11.4	19.6	52.5
15	PW	LinStatic		Y	0.000245	47	26.8	10	52.5
15	Earthquake+x	LinStatic		X	0.002844	32	11.4	19.6	52.5
15	Earthquake+y	LinStatic		Y	0.002949	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Max	X	0.002334	32	11.4	19.6	52.5
15	TH-X Load Case	LinModHist	Max	Y	0.001301	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Min	X	0.002336	31	15.8	19.6	52.5
15	TH-X Load Case	LinModHist	Min	Y	0.001531	45	26.8	14.8	52.5
15	TH-Y Load Case	LinModHist	Max	X	0.002713	32	11.4	19.6	52.5
15	TH-Y Load Case	LinModHist	Max	Y	0.001321	45	26.8	14.8	52.5
15	TH-Y Load Case	LinModHist	Min	X	0.001625	32	11.4	19.6	52.5
15	TH-Y Load Case	LinModHist	Min	Y	0.00135	45	26.8	14.8	52.5
15	UDCon1	Combination		X	0.001938	32	11.4	19.6	52.5
15	UDCon1	Combination		Y	0.001303	47	26.8	10	52.5
15	UDCon2	Combination		X	0.002141	32	11.4	19.6	52.5
15	UDCon2	Combination		Y	0.001411	47	26.8	10	52.5
15	UDCon3	Combination	Max	X	0.000865	44	26.8	19.6	52.5
15	UDCon3	Combination	Max	Y	0.002286	47	26.8	10	52.5
15	UDCon3	Combination	Min	X	0.003813	32	11.4	19.6	52.5
15	UDCon4	Combination	Max	X	0.000868	44	26.8	19.6	52.5
15	UDCon4	Combination	Max	Y	0.002515	47	26.8	10	52.5
15	UDCon4	Combination	Min	X	0.00381	32	11.4	19.6	52.5
15	UDCon5	Combination	Max	X	0.001243	44	26.8	19.6	52.5
15	UDCon5	Combination	Max	Y	0.002304	47	26.8	10	52.5
15	UDCon5	Combination	Min	X	0.003102	32	11.4	19.6	52.5
15	UDCon6	Combination	Max	Y	0.002336	47	26.8	10	52.5
15	UDCon6	Combination	Min	X	0.004189	32	11.4	19.6	52.5
15	UDCon7	Combination	Max	X	0.000905	44	26.8	19.6	52.5
15	UDCon7	Combination	Max	Y	0.002265	47	26.8	10	52.5
15	UDCon7	Combination	Min	X	0.003772	32	11.4	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	UDCon8	Combination	Max	X	0.000909	44	26.8	19.6	52.5
15	UDCon8	Combination	Max	Y	0.002493	47	26.8	10	52.5
15	UDCon8	Combination	Min	X	0.00377	32	11.4	19.6	52.5
15	UDCon9	Combination	Max	X	0.001283	44	26.8	19.6	52.5
15	UDCon9	Combination	Max	Y	0.002283	47	26.8	10	52.5
15	UDCon9	Combination	Min	X	0.003061	32	11.4	19.6	52.5
15	UDCon10	Combination	Max	Y	0.002314	47	26.8	10	52.5
15	UDCon10	Combination	Min	X	0.004148	32	11.4	19.6	52.5
14	Dead	LinStatic		X	0.000783	43	26.8	5	49
14	Dead	LinStatic		Y	0.000435	38	3.75	14.8	49
14	Live	LinStatic		X	0.000133	11	7	19.6	49
14	Live	LinStatic		Y	7E-05	43	26.8	5	49
14	FF	LinStatic		X	0.000365	11	7	19.6	49
14	FF	LinStatic		Y	0.000293	45	26.8	14.8	49
14	PW	LinStatic		X	0.000283	11	7	19.6	49
14	PW	LinStatic		Y	0.000232	45	26.8	14.8	49
14	Earthquake+x	LinStatic		X	0.002976	44	26.8	19.6	49
14	Earthquake+y	LinStatic		Y	0.003012	47	26.8	10	49
14	TH-X Load Case	LinModHist	Max	X	0.002449	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Max	Y	0.001333	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Min	X	0.002441	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Min	Y	0.001566	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Max	X	0.002842	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Max	Y	0.00135	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Min	X	0.001702	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Min	Y	0.001382	47	26.8	10	49
14	UDCon1	Combination		X	0.001894	11	7	19.6	49
14	UDCon1	Combination		Y	0.001239	42	24.7	5	49
14	UDCon2	Combination		X	0.002094	11	7	19.6	49
14	UDCon2	Combination		Y	0.001342	45	26.8	14.8	49
14	UDCon3	Combination	Max	X	0.00101	44	26.8	19.6	49
14	UDCon3	Combination	Max	Y	0.002271	45	26.8	14.8	49
14	UDCon3	Combination	Min	X	0.003882	11	7	19.6	49
14	UDCon4	Combination	Max	X	0.001003	44	26.8	19.6	49
14	UDCon4	Combination	Max	Y	0.002504	45	26.8	14.8	49
14	UDCon4	Combination	Min	X	0.00389	11	7	19.6	49
14	UDCon5	Combination	Max	X	0.001403	44	26.8	19.6	49
14	UDCon5	Combination	Max	Y	0.002288	45	26.8	14.8	49
14	UDCon5	Combination	Min	X	0.003144	11	7	19.6	49
14	UDCon6	Combination	Max	Y	0.002319	45	26.8	14.8	49
14	UDCon6	Combination	Min	X	0.004283	11	7	19.6	49
14	UDCon7	Combination	Max	X	0.00105	44	26.8	19.6	49
14	UDCon7	Combination	Max	Y	0.00225	45	26.8	14.8	49
14	UDCon7	Combination	Min	X	0.003842	11	7	19.6	49
14	UDCon7	Combination	Min	Y	0.000654	44	26.8	19.6	49

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
14	UDCon8	Combination	Max	X	0.001043	44	26.8	19.6	49
14	UDCon8	Combination	Max	Y	0.002483	45	26.8	14.8	49
14	UDCon8	Combination	Min	X	0.00385	11	7	19.6	49
14	UDCon9	Combination	Max	X	0.001443	44	26.8	19.6	49
14	UDCon9	Combination	Max	Y	0.002267	45	26.8	14.8	49
14	UDCon9	Combination	Min	X	0.003105	11	7	19.6	49
14	UDCon10	Combination	Max	X	0.000303	44	26.8	19.6	49
14	UDCon10	Combination	Max	Y	0.002299	45	26.8	14.8	49
14	UDCon10	Combination	Min	X	0.004243	11	7	19.6	49
13	Dead	LinStatic		X	0.000768	41	7	5	45.5
13	Dead	LinStatic		Y	0.000429	40	3.75	5	45.5
13	Live	LinStatic		X	0.000129	11	7	19.6	45.5
13	Live	LinStatic		Y	6.6E-05	45	26.8	14.8	45.5
13	FF	LinStatic		X	0.000347	11	7	19.6	45.5
13	FF	LinStatic		Y	0.000272	45	26.8	14.8	45.5
13	PW	LinStatic		X	0.000268	11	7	19.6	45.5
13	PW	LinStatic		Y	0.000214	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		X	0.003132	44	26.8	19.6	45.5
13	Earthquake+y	LinStatic		Y	0.003086	43	26.8	5	45.5
13	TH-X Load Case	LinModHist	Max	X	0.002581	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Y	0.001369	43	26.8	5	45.5
13	TH-X Load Case	LinModHist	Min	X	0.002556	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Y	0.001606	43	26.8	5	45.5
13	TH-Y Load Case	LinModHist	Max	X	0.002992	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Y	0.001383	43	26.8	5	45.5
13	TH-Y Load Case	LinModHist	Min	X	0.001793	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Y	0.001418	47	26.8	10	45.5
13	UDCon1	Combination		X	0.001837	41	7	5	45.5
13	UDCon1	Combination		Y	0.001186	40	3.75	5	45.5
13	UDCon2	Combination		X	0.002019	41	7	5	45.5
13	UDCon2	Combination		Y	0.001268	40	3.75	5	45.5
13	UDCon3	Combination	Max	X	0.001202	44	26.8	19.6	45.5
13	UDCon3	Combination	Max	Y	0.002237	45	26.8	14.8	45.5
13	UDCon3	Combination	Min	X	0.003935	6	20.5	19.6	45.5
13	UDCon3	Combination	Min	Y	0.000741	44	26.8	19.6	45.5
13	UDCon4	Combination	Max	X	0.001178	44	26.8	19.6	45.5
13	UDCon4	Combination	Max	Y	0.002475	45	26.8	14.8	45.5
13	UDCon4	Combination	Min	X	0.00396	6	20.5	19.6	45.5
13	UDCon5	Combination	Max	X	0.001614	44	26.8	19.6	45.5
13	UDCon5	Combination	Max	Y	0.002251	45	26.8	14.8	45.5
13	UDCon5	Combination	Min	X	0.003172	6	20.5	19.6	45.5
13	UDCon6	Combination	Max	X	0.000415	44	26.8	19.6	45.5
13	UDCon6	Combination	Max	Y	0.002286	45	26.8	14.8	45.5
13	UDCon6	Combination	Min	X	0.004371	6	20.5	19.6	45.5
13	UDCon7	Combination	Max	X	0.001241	44	26.8	19.6	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	UDCon7	Combination	Max	Y	0.002218	45	26.8	14.8	45.5
13	UDCon7	Combination	Min	X	0.003896	6	20.5	19.6	45.5
13	UDCon7	Combination	Min	Y	0.000761	44	26.8	19.6	45.5
13	UDCon8	Combination	Max	X	0.001216	44	26.8	19.6	45.5
13	UDCon8	Combination	Max	Y	0.002455	45	26.8	14.8	45.5
13	UDCon8	Combination	Min	X	0.003921	6	20.5	19.6	45.5
13	UDCon9	Combination	Max	X	0.001652	44	26.8	19.6	45.5
13	UDCon9	Combination	Max	Y	0.002231	45	26.8	14.8	45.5
13	UDCon9	Combination	Min	X	0.003134	6	20.5	19.6	45.5
13	UDCon10	Combination	Max	X	0.000453	44	26.8	19.6	45.5
13	UDCon10	Combination	Max	Y	0.002266	45	26.8	14.8	45.5
13	UDCon10	Combination	Min	X	0.004333	6	20.5	19.6	45.5
12F RF	Dead	LinStatic		X	0.000748	43	26.8	5	42
12F RF	Dead	LinStatic		Y	0.00042	40	3.75	5	42
12F RF	Live	LinStatic		X	0.000124	11	7	19.6	42
12F RF	Live	LinStatic		Y	6.1E-05	45	26.8	14.8	42
12F RF	FF	LinStatic		X	0.000322	11	7	19.6	42
12F RF	FF	LinStatic		Y	0.000244	45	26.8	14.8	42
12F RF	PW	LinStatic		X	0.000255	43	26.8	5	42
12F RF	PW	LinStatic		Y	0.000201	40	3.75	5	42
12F RF	Earthquake+x	LinStatic		X	0.003291	44	26.8	19.6	42
12F RF	Earthquake+y	LinStatic		Y	0.003159	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Max	X	0.002713	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Y	0.001404	48	26.8	12	42
12F RF	TH-X Load Case	LinModHist	Min	X	0.002664	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Y	0.001645	43	26.8	5	42
12F RF	TH-Y Load Case	LinModHist	Max	X	0.003145	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Y	0.001415	43	26.8	5	42
12F RF	TH-Y Load Case	LinModHist	Min	X	0.001887	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Y	0.001454	47	26.8	10	42
12F RF	UDCon1	Combination		X	0.001786	43	26.8	5	42
12F RF	UDCon1	Combination		Y	0.001164	40	3.75	5	42
12F RF	UDCon2	Combination		X	0.001964	43	26.8	5	42
12F RF	UDCon2	Combination		Y	0.001244	40	3.75	5	42
12F RF	UDCon3	Combination	Max	X	0.001422	44	26.8	19.6	42
12F RF	UDCon3	Combination	Max	Y	0.002179	45	26.8	14.8	42
12F RF	UDCon3	Combination	Min	X	0.003956	6	20.5	19.6	42
12F RF	UDCon3	Combination	Min	Y	0.000873	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	X	0.001373	44	26.8	19.6	42
12F RF	UDCon4	Combination	Max	Y	0.00242	45	26.8	14.8	42
12F RF	UDCon4	Combination	Min	X	0.004005	6	20.5	19.6	42
12F RF	UDCon4	Combination	Min	Y	0.000632	44	26.8	19.6	42
12F RF	UDCon5	Combination	Max	X	0.001853	44	26.8	19.6	42
12F RF	UDCon5	Combination	Max	Y	0.002189	45	26.8	14.8	42
12F RF	UDCon5	Combination	Min	X	0.003179	11	7	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	UDCon6	Combination	Max	X	0.000595	44	26.8	19.6	42
12F RF	UDCon6	Combination	Max	Y	0.002229	45	26.8	14.8	42
12F RF	UDCon6	Combination	Min	X	0.004437	6	20.5	19.6	42
12F RF	UDCon7	Combination	Max	X	0.001459	44	26.8	19.6	42
12F RF	UDCon7	Combination	Max	Y	0.002161	45	26.8	14.8	42
12F RF	UDCon7	Combination	Min	X	0.003919	6	20.5	19.6	42
12F RF	UDCon7	Combination	Min	Y	0.000891	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	X	0.00141	44	26.8	19.6	42
12F RF	UDCon8	Combination	Max	Y	0.002401	45	26.8	14.8	42
12F RF	UDCon8	Combination	Min	X	0.003968	6	20.5	19.6	42
12F RF	UDCon8	Combination	Min	Y	0.000651	44	26.8	19.6	42
12F RF	UDCon9	Combination	Max	X	0.00189	44	26.8	19.6	42
12F RF	UDCon9	Combination	Max	Y	0.002171	45	26.8	14.8	42
12F RF	UDCon9	Combination	Min	X	0.003142	11	7	19.6	42
12F RF	UDCon10	Combination	Max	X	0.000632	44	26.8	19.6	42
12F RF	UDCon10	Combination	Max	Y	0.002211	45	26.8	14.8	42
12F RF	UDCon10	Combination	Min	X	0.0044	6	20.5	19.6	42
11F RF	Dead	LinStatic		X	0.000722	43	26.8	5	38.5
11F RF	Dead	LinStatic		Y	0.00041	40	3.75	5	38.5
11F RF	Live	LinStatic		X	0.000117	11	7	19.6	38.5
11F RF	Live	LinStatic		Y	5.5E-05	45	26.8	14.8	38.5
11F RF	FF	LinStatic		X	0.000308	43	26.8	5	38.5
11F RF	FF	LinStatic		Y	0.000235	40	3.75	5	38.5
11F RF	PW	LinStatic		X	0.000245	43	26.8	5	38.5
11F RF	PW	LinStatic		Y	0.000196	40	3.75	5	38.5
11F RF	Earthquake+x	LinStatic		X	0.003445	44	26.8	19.6	38.5
11F RF	Earthquake+y	LinStatic		Y	0.003221	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Max	X	0.002839	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Y	0.001435	48	26.8	12	38.5
11F RF	TH-X Load Case	LinModHist	Min	X	0.00276	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Y	0.001679	48	26.8	12	38.5
11F RF	TH-Y Load Case	LinModHist	Max	X	0.003292	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Y	0.001441	43	26.8	5	38.5
11F RF	TH-Y Load Case	LinModHist	Min	X	0.001977	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Y	0.001487	48	26.8	12	38.5
11F RF	UDCon1	Combination		X	0.001721	43	26.8	5	38.5
11F RF	UDCon1	Combination		Y	0.001135	40	3.75	5	38.5
11F RF	UDCon2	Combination		X	0.001892	43	26.8	5	38.5
11F RF	UDCon2	Combination		Y	0.001213	40	3.75	5	38.5
11F RF	UDCon3	Combination	Max	X	0.001659	44	26.8	19.6	38.5
11F RF	UDCon3	Combination	Max	Y	0.002169	40	3.75	5	38.5
11F RF	UDCon3	Combination	Min	X	0.003941	6	20.5	19.6	38.5
11F RF	UDCon3	Combination	Min	Y	0.001024	44	26.8	19.6	38.5
11F RF	UDCon4	Combination	Max	X	0.001579	44	26.8	19.6	38.5
11F RF	UDCon4	Combination	Max	Y	0.002336	45	26.8	14.8	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	UDCon4	Combination	Min	X	0.004053	41	7	5	38.5
11F RF	UDCon4	Combination	Min	Y	0.000781	44	26.8	19.6	38.5
11F RF	UDCon5	Combination	Max	X	0.002111	44	26.8	19.6	38.5
11F RF	UDCon5	Combination	Max	Y	0.002099	45	26.8	14.8	38.5
11F RF	UDCon5	Combination	Min	X	0.003159	11	7	19.6	38.5
11F RF	UDCon5	Combination	Min	Y	0.000832	44	26.8	19.6	38.5
11F RF	UDCon6	Combination	Max	X	0.000797	33	3.75	19.6	38.5
11F RF	UDCon6	Combination	Max	Y	0.002145	45	26.8	14.8	38.5
11F RF	UDCon6	Combination	Min	X	0.004473	11	7	19.6	38.5
11F RF	UDCon6	Combination	Min	Y	0.000786	44	26.8	19.6	38.5
11F RF	UDCon7	Combination	Max	X	0.001693	44	26.8	19.6	38.5
11F RF	UDCon7	Combination	Max	Y	0.002154	40	3.75	5	38.5
11F RF	UDCon7	Combination	Min	X	0.003906	6	20.5	19.6	38.5
11F RF	UDCon7	Combination	Min	Y	0.00104	44	26.8	19.6	38.5
11F RF	UDCon8	Combination	Max	X	0.001614	44	26.8	19.6	38.5
11F RF	UDCon8	Combination	Max	Y	0.00232	45	26.8	14.8	38.5
11F RF	UDCon8	Combination	Min	X	0.004019	41	7	5	38.5
11F RF	UDCon8	Combination	Min	Y	0.000798	44	26.8	19.6	38.5
11F RF	UDCon9	Combination	Max	X	0.002146	44	26.8	19.6	38.5
11F RF	UDCon9	Combination	Max	Y	0.002082	45	26.8	14.8	38.5
11F RF	UDCon9	Combination	Min	X	0.003124	11	7	19.6	38.5
11F RF	UDCon9	Combination	Min	Y	0.000849	44	26.8	19.6	38.5
11F RF	UDCon10	Combination	Max	X	0.000832	33	3.75	19.6	38.5
11F RF	UDCon10	Combination	Max	Y	0.002128	45	26.8	14.8	38.5
11F RF	UDCon10	Combination	Min	X	0.004438	6	20.5	19.6	38.5
11F RF	UDCon10	Combination	Min	Y	0.000803	44	26.8	19.6	38.5
10F RF	Dead	LinStatic		X	0.000689	43	26.8	5	35
10F RF	Dead	LinStatic		Y	0.000396	40	3.75	5	35
10F RF	Live	LinStatic		X	0.000109	43	26.8	5	35
10F RF	Live	LinStatic		Y	5E-05	40	3.75	5	35
10F RF	FF	LinStatic		X	0.000293	43	26.8	5	35
10F RF	FF	LinStatic		Y	0.000228	40	3.75	5	35
10F RF	PW	LinStatic		X	0.000233	43	26.8	5	35
10F RF	PW	LinStatic		Y	0.000191	40	3.75	5	35
10F RF	Earthquake+x	LinStatic		X	0.003585	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Y	0.003266	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Max	X	0.00295	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Y	0.001461	48	26.8	12	35
10F RF	TH-X Load Case	LinModHist	Min	X	0.002837	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Y	0.001704	43	26.8	5	35
10F RF	TH-Y Load Case	LinModHist	Max	X	0.003424	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Y	0.00146	43	26.8	5	35
10F RF	TH-Y Load Case	LinModHist	Min	X	0.002059	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Y	0.001515	48	26.8	12	35
10F RF	UDCon1	Combination		X	0.00164	43	26.8	5	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	UDCon1	Combination		Y	0.0011	40	3.75	5	35
10F RF	UDCon2	Combination		X	0.001805	43	26.8	5	35
10F RF	UDCon2	Combination		Y	0.001175	40	3.75	5	35
10F RF	UDCon3	Combination	Max	X	0.001906	33	3.75	19.6	35
10F RF	UDCon3	Combination	Max	Y	0.002161	40	3.75	5	35
10F RF	UDCon3	Combination	Min	X	0.003887	42	24.7	5	35
10F RF	UDCon3	Combination	Min	Y	0.001193	48	26.8	12	35
10F RF	UDCon4	Combination	Max	X	0.001792	33	3.75	19.6	35
10F RF	UDCon4	Combination	Max	Y	0.00222	45	26.8	14.8	35
10F RF	UDCon4	Combination	Min	X	0.004096	42	24.7	5	35
10F RF	UDCon4	Combination	Min	Y	0.00095	48	26.8	12	35
10F RF	UDCon5	Combination	Max	X	0.00238	33	3.75	19.6	35
10F RF	UDCon5	Combination	Max	Y	0.001975	45	26.8	14.8	35
10F RF	UDCon5	Combination	Min	X	0.003104	11	7	19.6	35
10F RF	UDCon5	Combination	Min	Y	0.001004	48	26.8	12	35
10F RF	UDCon6	Combination	Max	X	0.001014	33	3.75	19.6	35
10F RF	UDCon6	Combination	Max	Y	0.00203	45	26.8	14.8	35
10F RF	UDCon6	Combination	Min	X	0.00447	11	7	19.6	35
10F RF	UDCon6	Combination	Min	Y	0.000948	48	26.8	12	35
10F RF	UDCon7	Combination	Max	X	0.001938	33	3.75	19.6	35
10F RF	UDCon7	Combination	Max	Y	0.002146	40	3.75	5	35
10F RF	UDCon7	Combination	Min	X	0.003854	42	24.7	5	35
10F RF	UDCon7	Combination	Min	Y	0.001208	48	26.8	12	35
10F RF	UDCon8	Combination	Max	X	0.001825	33	3.75	19.6	35
10F RF	UDCon8	Combination	Max	Y	0.002205	45	26.8	14.8	35
10F RF	UDCon8	Combination	Min	X	0.004063	42	24.7	5	35
10F RF	UDCon8	Combination	Min	Y	0.000964	48	26.8	12	35
10F RF	UDCon9	Combination	Max	X	0.002412	33	3.75	19.6	35
10F RF	UDCon9	Combination	Max	Y	0.001961	45	26.8	14.8	35
10F RF	UDCon9	Combination	Min	X	0.003072	11	7	19.6	35
10F RF	UDCon9	Combination	Min	Y	0.001018	48	26.8	12	35
10F RF	UDCon10	Combination	Max	X	0.001047	33	3.75	19.6	35
10F RF	UDCon10	Combination	Max	Y	0.002015	45	26.8	14.8	35
10F RF	UDCon10	Combination	Min	X	0.004437	11	7	19.6	35
10F RF	UDCon10	Combination	Min	Y	0.000963	48	26.8	12	35
9F RF	Dead	LinStatic		X	0.000651	43	26.8	5	31.5
9F RF	Dead	LinStatic		Y	0.000381	40	3.75	5	31.5
9F RF	Live	LinStatic		X	0.000104	43	26.8	5	31.5
9F RF	Live	LinStatic		Y	4.8E-05	40	3.75	5	31.5
9F RF	FF	LinStatic		X	0.000275	43	26.8	5	31.5
9F RF	FF	LinStatic		Y	0.00022	40	3.75	5	31.5
9F RF	PW	LinStatic		X	0.000218	43	26.8	5	31.5
9F RF	PW	LinStatic		Y	0.000184	40	3.75	5	31.5
9F RF	Earthquake+x	LinStatic		X	0.003703	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Y	0.003288	43	26.8	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	TH-X Load Case	LinModHist	Max	X	0.003038	44	26.8	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Y	0.001478	48	26.8	12	31.5
9F RF	TH-X Load Case	LinModHist	Min	X	0.00289	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Y	0.001719	48	26.8	12	31.5
9F RF	TH-Y Load Case	LinModHist	Max	X	0.003533	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Y	0.001468	43	26.8	5	31.5
9F RF	TH-Y Load Case	LinModHist	Min	X	0.002125	44	26.8	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Y	0.001534	48	26.8	12	31.5
9F RF	UDCon1	Combination		X	0.001544	43	26.8	5	31.5
9F RF	UDCon1	Combination		Y	0.001059	40	3.75	5	31.5
9F RF	UDCon2	Combination		X	0.0017	43	26.8	5	31.5
9F RF	UDCon2	Combination		Y	0.001131	40	3.75	5	31.5
9F RF	UDCon3	Combination	Max	X	0.002157	33	3.75	19.6	31.5
9F RF	UDCon3	Combination	Max	Y	0.002142	40	3.75	5	31.5
9F RF	UDCon3	Combination	Min	X	0.003881	42	24.7	5	31.5
9F RF	UDCon3	Combination	Min	Y	0.001383	48	26.8	12	31.5
9F RF	UDCon4	Combination	Max	X	0.002009	33	3.75	19.6	31.5
9F RF	UDCon4	Combination	Max	Y	0.002167	40	3.75	5	31.5
9F RF	UDCon4	Combination	Min	X	0.004103	42	24.7	5	31.5
9F RF	UDCon4	Combination	Min	Y	0.001141	48	26.8	12	31.5
9F RF	UDCon5	Combination	Max	X	0.002652	33	3.75	19.6	31.5
9F RF	UDCon5	Combination	Max	Y	0.001816	45	26.8	14.8	31.5
9F RF	UDCon5	Combination	Min	X	0.003101	43	26.8	5	31.5
9F RF	UDCon5	Combination	Min	Y	0.001197	48	26.8	12	31.5
9F RF	UDCon6	Combination	Max	X	0.001244	33	3.75	19.6	31.5
9F RF	UDCon6	Combination	Max	Y	0.00188	45	26.8	14.8	31.5
9F RF	UDCon6	Combination	Min	X	0.004416	44	26.8	19.6	31.5
9F RF	UDCon6	Combination	Min	Y	0.001131	48	26.8	12	31.5
9F RF	UDCon7	Combination	Max	X	0.002187	33	3.75	19.6	31.5
9F RF	UDCon7	Combination	Max	Y	0.002127	40	3.75	5	31.5
9F RF	UDCon7	Combination	Min	X	0.00385	42	24.7	5	31.5
9F RF	UDCon7	Combination	Min	Y	0.001395	48	26.8	12	31.5
9F RF	UDCon8	Combination	Max	X	0.002039	33	3.75	19.6	31.5
9F RF	UDCon8	Combination	Max	Y	0.002153	40	3.75	5	31.5
9F RF	UDCon8	Combination	Min	X	0.004072	42	24.7	5	31.5
9F RF	UDCon8	Combination	Min	Y	0.001153	48	26.8	12	31.5
9F RF	UDCon9	Combination	Max	X	0.002681	33	3.75	19.6	31.5
9F RF	UDCon9	Combination	Max	Y	0.001804	45	26.8	14.8	31.5
9F RF	UDCon9	Combination	Min	X	0.00307	43	26.8	5	31.5
9F RF	UDCon9	Combination	Min	Y	0.001209	48	26.8	12	31.5
9F RF	UDCon10	Combination	Max	X	0.001274	33	3.75	19.6	31.5
9F RF	UDCon10	Combination	Max	Y	0.001869	45	26.8	14.8	31.5
9F RF	UDCon10	Combination	Min	X	0.004387	44	26.8	19.6	31.5
9F RF	UDCon10	Combination	Min	Y	0.001143	48	26.8	12	31.5
8F RF	Dead	LinStatic		X	0.000607	43	26.8	5	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	Dead	LinStatic		Y	0.000364	40	3.75	5	28
8F RF	Live	LinStatic		X	9.7E-05	42	24.7	5	28
8F RF	Live	LinStatic		Y	4.6E-05	40	3.75	5	28
8F RF	FF	LinStatic		X	0.000254	43	26.8	5	28
8F RF	FF	LinStatic		Y	0.00021	40	3.75	5	28
8F RF	PW	LinStatic		X	0.000201	43	26.8	5	28
8F RF	PW	LinStatic		Y	0.000176	40	3.75	5	28
8F RF	Earthquake+x	LinStatic		X	0.003789	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Y	0.003281	43	26.8	5	28
8F RF	TH-X Load Case	LinModHist	Max	X	0.003097	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Y	0.001484	43	26.8	5	28
8F RF	TH-X Load Case	LinModHist	Min	X	0.002917	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Y	0.001721	43	26.8	5	28
8F RF	TH-Y Load Case	LinModHist	Max	X	0.00361	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Y	0.001464	43	26.8	5	28
8F RF	TH-Y Load Case	LinModHist	Min	X	0.002172	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Y	0.001541	48	26.8	12	28
8F RF	UDCon1	Combination		X	0.001433	43	26.8	5	28
8F RF	UDCon1	Combination		Y	0.001013	40	3.75	5	28
8F RF	UDCon2	Combination		X	0.001578	43	26.8	5	28
8F RF	UDCon2	Combination		Y	0.001081	40	3.75	5	28
8F RF	UDCon3	Combination	Max	X	0.002408	33	3.75	19.6	28
8F RF	UDCon3	Combination	Max	Y	0.00211	40	3.75	5	28
8F RF	UDCon3	Combination	Min	X	0.003835	42	24.7	5	28
8F RF	UDCon3	Combination	Min	Y	0.001594	48	26.8	12	28
8F RF	UDCon4	Combination	Max	X	0.002228	33	3.75	19.6	28
8F RF	UDCon4	Combination	Max	Y	0.002136	40	3.75	5	28
8F RF	UDCon4	Combination	Min	X	0.00407	42	24.7	5	28
8F RF	UDCon4	Combination	Min	Y	0.001358	48	26.8	12	28
8F RF	UDCon5	Combination	Max	X	0.002921	33	3.75	19.6	28
8F RF	UDCon5	Combination	Max	Y	0.001709	40	3.75	5	28
8F RF	UDCon5	Combination	Min	X	0.003083	42	24.7	5	28
8F RF	UDCon5	Combination	Min	Y	0.001415	48	26.8	12	28
8F RF	UDCon6	Combination	Max	X	0.001483	33	3.75	19.6	28
8F RF	UDCon6	Combination	Max	Y	0.001709	40	3.75	5	28
8F RF	UDCon6	Combination	Min	X	0.004304	44	26.8	19.6	28
8F RF	UDCon6	Combination	Min	Y	0.001336	48	26.8	12	28
8F RF	UDCon7	Combination	Max	X	0.002434	33	3.75	19.6	28
8F RF	UDCon7	Combination	Max	Y	0.002096	40	3.75	5	28
8F RF	UDCon7	Combination	Min	X	0.003806	42	24.7	5	28
8F RF	UDCon7	Combination	Min	Y	0.001603	48	26.8	12	28
8F RF	UDCon8	Combination	Max	X	0.002254	33	3.75	19.6	28
8F RF	UDCon8	Combination	Max	Y	0.002122	40	3.75	5	28
8F RF	UDCon8	Combination	Min	X	0.004041	42	24.7	5	28
8F RF	UDCon8	Combination	Min	Y	0.001366	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	UDCon9	Combination	Max	X	0.002947	33	3.75	19.6	28
8F RF	UDCon9	Combination	Max	Y	0.001695	40	3.75	5	28
8F RF	UDCon9	Combination	Min	X	0.003054	42	24.7	5	28
8F RF	UDCon9	Combination	Min	Y	0.001423	48	26.8	12	28
8F RF	UDCon10	Combination	Max	X	0.001509	33	3.75	19.6	28
8F RF	UDCon10	Combination	Max	Y	0.001695	40	3.75	5	28
8F RF	UDCon10	Combination	Min	X	0.004278	44	26.8	19.6	28
8F RF	UDCon10	Combination	Min	Y	0.001345	48	26.8	12	28
7F RF	Dead	LinStatic		X	0.000555	41	7	5	24.5
7F RF	Dead	LinStatic		Y	0.000345	40	3.75	5	24.5
7F RF	Live	LinStatic		X	8.9E-05	41	7	5	24.5
7F RF	Live	LinStatic		Y	4.3E-05	40	3.75	5	24.5
7F RF	FF	LinStatic		X	0.000229	41	7	5	24.5
7F RF	FF	LinStatic		Y	0.0002	40	3.75	5	24.5
7F RF	PW	LinStatic		X	0.000181	41	7	5	24.5
7F RF	PW	LinStatic		Y	0.000168	40	3.75	5	24.5
7F RF	Earthquake+x	LinStatic		X	0.003836	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Y	0.003238	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	X	0.00312	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Y	0.001478	48	26.8	12	24.5
7F RF	TH-X Load Case	LinModHist	Min	X	0.002912	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Y	0.001706	48	26.8	12	24.5
7F RF	TH-Y Load Case	LinModHist	Max	X	0.003648	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Y	0.001457	48	26.8	12	24.5
7F RF	TH-Y Load Case	LinModHist	Min	X	0.002202	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Y	0.001535	48	26.8	12	24.5
7F RF	UDCon1	Combination		X	0.001304	41	7	5	24.5
7F RF	UDCon1	Combination		Y	0.000963	40	3.75	5	24.5
7F RF	UDCon2	Combination		X	0.001438	41	7	5	24.5
7F RF	UDCon2	Combination		Y	0.001027	40	3.75	5	24.5
7F RF	UDCon3	Combination	Max	X	0.002655	32	11.4	19.6	24.5
7F RF	UDCon3	Combination	Max	Y	0.002064	40	3.75	5	24.5
7F RF	UDCon3	Combination	Min	X	0.003743	42	24.7	5	24.5
7F RF	UDCon3	Combination	Min	Y	0.001829	48	26.8	12	24.5
7F RF	UDCon4	Combination	Max	X	0.002447	32	11.4	19.6	24.5
7F RF	UDCon4	Combination	Max	Y	0.00209	40	3.75	5	24.5
7F RF	UDCon4	Combination	Min	X	0.003988	42	24.7	5	24.5
7F RF	UDCon4	Combination	Min	Y	0.001602	48	26.8	12	24.5
7F RF	UDCon5	Combination	Max	X	0.003183	33	3.75	19.6	24.5
7F RF	UDCon5	Combination	Max	Y	0.001652	40	3.75	5	24.5
7F RF	UDCon5	Combination	Min	X	0.003059	42	24.7	5	24.5
7F RF	UDCon5	Combination	Min	Y	0.001659	48	26.8	12	24.5
7F RF	UDCon6	Combination	Max	X	0.001737	32	11.4	19.6	24.5
7F RF	UDCon6	Combination	Max	Y	0.001665	40	3.75	5	24.5
7F RF	UDCon6	Combination	Min	X	0.004183	42	24.7	5	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	UDCon6	Combination	Min	Y	0.001581	48	26.8	12	24.5
7F RF	UDCon7	Combination	Max	X	0.002677	32	11.4	19.6	24.5
7F RF	UDCon7	Combination	Max	Y	0.002051	40	3.75	5	24.5
7F RF	UDCon7	Combination	Min	X	0.003716	42	24.7	5	24.5
7F RF	UDCon7	Combination	Min	Y	0.001834	48	26.8	12	24.5
7F RF	UDCon8	Combination	Max	X	0.002469	32	11.4	19.6	24.5
7F RF	UDCon8	Combination	Max	Y	0.002078	40	3.75	5	24.5
7F RF	UDCon8	Combination	Min	X	0.003961	42	24.7	5	24.5
7F RF	UDCon8	Combination	Min	Y	0.001606	48	26.8	12	24.5
7F RF	UDCon9	Combination	Max	X	0.003204	33	3.75	19.6	24.5
7F RF	UDCon9	Combination	Max	Y	0.001639	40	3.75	5	24.5
7F RF	UDCon9	Combination	Min	X	0.003032	42	24.7	5	24.5
7F RF	UDCon9	Combination	Min	Y	0.001663	48	26.8	12	24.5
7F RF	UDCon10	Combination	Max	X	0.001759	32	11.4	19.6	24.5
7F RF	UDCon10	Combination	Max	Y	0.001652	40	3.75	5	24.5
7F RF	UDCon10	Combination	Min	X	0.004156	42	24.7	5	24.5
7F RF	UDCon10	Combination	Min	Y	0.001585	48	26.8	12	24.5
6F RF	Dead	LinStatic		X	0.000501	41	7	5	21
6F RF	Dead	LinStatic		Y	0.000325	40	3.75	5	21
6F RF	Live	LinStatic		X	8E-05	41	7	5	21
6F RF	Live	LinStatic		Y	4E-05	40	3.75	5	21
6F RF	FF	LinStatic		X	0.000204	41	7	5	21
6F RF	FF	LinStatic		Y	0.00019	40	3.75	5	21
6F RF	PW	LinStatic		X	0.000161	41	7	5	21
6F RF	PW	LinStatic		Y	0.000159	40	3.75	5	21
6F RF	Earthquake+x	LinStatic		X	0.003835	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Y	0.003158	43	26.8	5	21
6F RF	TH-X Load Case	LinModHist	Max	X	0.003099	31	15.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Y	0.001458	48	26.8	12	21
6F RF	TH-X Load Case	LinModHist	Min	X	0.002871	32	11.4	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Y	0.001673	48	26.8	12	21
6F RF	TH-Y Load Case	LinModHist	Max	X	0.003637	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Y	0.00144	43	26.8	5	21
6F RF	TH-Y Load Case	LinModHist	Min	X	0.002213	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Y	0.001512	48	26.8	12	21
6F RF	UDCon1	Combination		X	0.001167	41	7	5	21
6F RF	UDCon1	Combination		Y	0.00091	40	3.75	5	21
6F RF	UDCon2	Combination		X	0.001288	41	7	5	21
6F RF	UDCon2	Combination		Y	0.00097	40	3.75	5	21
6F RF	UDCon3	Combination	Max	X	0.002896	32	11.4	19.6	21
6F RF	UDCon3	Combination	Max	Y	0.002004	40	3.75	5	21
6F RF	UDCon3	Combination	Min	X	0.0036	42	24.7	5	21
6F RF	UDCon3	Combination	Min	Y	0.002092	48	26.8	12	21
6F RF	UDCon4	Combination	Max	X	0.002669	32	11.4	19.6	21
6F RF	UDCon4	Combination	Max	Y	0.00203	40	3.75	5	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	UDCon4	Combination	Min	X	0.00385	42	24.7	5	21
6F RF	UDCon4	Combination	Min	Y	0.001877	48	26.8	12	21
6F RF	UDCon5	Combination	Max	X	0.003434	32	11.4	19.6	21
6F RF	UDCon5	Combination	Max	Y	0.001584	40	3.75	5	21
6F RF	UDCon5	Combination	Min	X	0.002996	40	3.75	5	21
6F RF	UDCon5	Combination	Min	Y	0.001931	48	26.8	12	21
6F RF	UDCon6	Combination	Max	X	0.00201	32	11.4	19.6	21
6F RF	UDCon6	Combination	Max	Y	0.001611	40	3.75	5	21
6F RF	UDCon6	Combination	Min	X	0.004061	42	24.7	5	21
6F RF	UDCon6	Combination	Min	Y	0.001859	48	26.8	12	21
6F RF	UDCon7	Combination	Max	X	0.002913	32	11.4	19.6	21
6F RF	UDCon7	Combination	Max	Y	0.001992	40	3.75	5	21
6F RF	UDCon7	Combination	Min	X	0.003576	42	24.7	5	21
6F RF	UDCon7	Combination	Min	Y	0.002093	48	26.8	12	21
6F RF	UDCon8	Combination	Max	X	0.002686	32	11.4	19.6	21
6F RF	UDCon8	Combination	Max	Y	0.002018	40	3.75	5	21
6F RF	UDCon8	Combination	Min	X	0.003827	42	24.7	5	21
6F RF	UDCon8	Combination	Min	Y	0.001877	48	26.8	12	21
6F RF	UDCon9	Combination	Max	X	0.003451	32	11.4	19.6	21
6F RF	UDCon9	Combination	Max	Y	0.001572	40	3.75	5	21
6F RF	UDCon9	Combination	Min	X	0.002972	40	3.75	5	21
6F RF	UDCon9	Combination	Min	Y	0.001932	48	26.8	12	21
6F RF	UDCon10	Combination	Max	X	0.002027	32	11.4	19.6	21
6F RF	UDCon10	Combination	Max	Y	0.001599	40	3.75	5	21
6F RF	UDCon10	Combination	Min	X	0.004037	42	24.7	5	21
6F RF	UDCon10	Combination	Min	Y	0.00186	48	26.8	12	21
5F RF	Dead	LinStatic		X	0.000438	40	3.75	5	17.5
5F RF	Live	LinStatic		X	7.1E-05	40	3.75	5	17.5
5F RF	Live	LinStatic		Y	3.7E-05	40	3.75	5	17.5
5F RF	FF	LinStatic		X	0.000174	40	3.75	5	17.5
5F RF	FF	LinStatic		Y	0.00022	48	26.8	12	17.5
5F RF	PW	LinStatic		X	0.000137	40	3.75	5	17.5
5F RF	PW	LinStatic		Y	0.000216	48	26.8	12	17.5
5F RF	Earthquake+x	LinStatic		X	0.003776	31	15.8	19.6	17.5
5F RF	Earthquake+y	LinStatic		Y	0.003027	48	26.8	12	17.5
5F RF	TH-X Load Case	LinModHist	Max	X	0.00303	32	11.4	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Y	0.001422	48	26.8	12	17.5
5F RF	TH-X Load Case	LinModHist	Min	X	0.002792	32	11.4	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Y	0.00162	48	26.8	12	17.5
5F RF	TH-Y Load Case	LinModHist	Max	X	0.003572	32	11.4	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Y	0.001405	48	26.8	12	17.5
5F RF	TH-Y Load Case	LinModHist	Min	X	0.002193	32	11.4	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Y	0.001472	45	26.8	14.8	17.5
5F RF	UDCon1	Combination		X	0.001011	40	3.75	5	17.5
5F RF	UDCon1	Combination		Y	0.00102	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	UDCon2	Combination		X	0.001117	40	3.75	5	17.5
5F RF	UDCon2	Combination		Y	0.001042	48	26.8	12	17.5
5F RF	UDCon3	Combination	Max	X	0.00313	32	11.4	19.6	17.5
5F RF	UDCon3	Combination	Max	Y	0.001927	40	3.75	5	17.5
5F RF	UDCon3	Combination	Min	X	0.003398	40	3.75	5	17.5
5F RF	UDCon3	Combination	Min	Y	0.00238	48	26.8	12	17.5
5F RF	UDCon4	Combination	Max	X	0.002893	32	11.4	19.6	17.5
5F RF	UDCon4	Combination	Max	Y	0.001951	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	X	0.003644	40	3.75	5	17.5
5F RF	UDCon4	Combination	Min	Y	0.002182	48	26.8	12	17.5
5F RF	UDCon5	Combination	Max	X	0.003672	32	11.4	19.6	17.5
5F RF	UDCon5	Combination	Max	Y	0.001504	40	3.75	5	17.5
5F RF	UDCon5	Combination	Min	X	0.00288	40	3.75	5	17.5
5F RF	UDCon5	Combination	Min	Y	0.00223	48	26.8	12	17.5
5F RF	UDCon6	Combination	Max	X	0.002293	32	11.4	19.6	17.5
5F RF	UDCon6	Combination	Max	Y	0.001546	40	3.75	5	17.5
5F RF	UDCon6	Combination	Min	X	0.003863	42	24.7	5	17.5
5F RF	UDCon6	Combination	Min	Y	0.002165	48	26.8	12	17.5
5F RF	UDCon7	Combination	Max	X	0.003142	32	11.4	19.6	17.5
5F RF	UDCon7	Combination	Max	Y	0.001915	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	X	0.003376	40	3.75	5	17.5
5F RF	UDCon7	Combination	Min	Y	0.002376	48	26.8	12	17.5
5F RF	UDCon8	Combination	Max	X	0.002904	32	11.4	19.6	17.5
5F RF	UDCon8	Combination	Max	Y	0.00194	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	X	0.003623	40	3.75	5	17.5
5F RF	UDCon8	Combination	Min	Y	0.002178	48	26.8	12	17.5
5F RF	UDCon9	Combination	Max	X	0.003684	32	11.4	19.6	17.5
5F RF	UDCon9	Combination	Max	Y	0.001493	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	X	0.002859	40	3.75	5	17.5
5F RF	UDCon9	Combination	Min	Y	0.002226	48	26.8	12	17.5
5F RF	UDCon10	Combination	Max	X	0.002304	32	11.4	19.6	17.5
5F RF	UDCon10	Combination	Max	Y	0.001535	40	3.75	5	17.5
5F RF	UDCon10	Combination	Min	X	0.003842	42	24.7	5	17.5
5F RF	UDCon10	Combination	Min	Y	0.00216	48	26.8	12	17.5
4F RF	Dead	LinStatic		X	0.000357	40	3.75	5	14
4F RF	Dead	LinStatic		Y	0.000475	48	26.8	12	14
4F RF	Live	LinStatic		X	5.8E-05	40	3.75	5	14
4F RF	FF	LinStatic		X	0.000175	32	11.4	19.6	14
4F RF	FF	LinStatic		Y	0.000333	48	26.8	12	14
4F RF	PW	LinStatic		X	0.000178	32	11.4	19.6	14
4F RF	PW	LinStatic		Y	0.000315	48	26.8	12	14
4F RF	Earthquake+x	LinStatic		X	0.003668	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		Y	0.002906	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	X	0.002916	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Y	0.00138	43	26.8	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	TH-X Load Case	LinModHist	Min	X	0.002678	32	11.4	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Y	0.001554	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	X	0.003459	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Y	0.001355	43	26.8	5	14
4F RF	TH-Y Load Case	LinModHist	Min	X	0.002163	32	11.4	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Y	0.001419	44	26.8	19.6	14
4F RF	UDCon1	Combination		X	0.000797	40	3.75	5	14
4F RF	UDCon1	Combination		Y	0.001518	48	26.8	12	14
4F RF	UDCon2	Combination		X	0.000884	40	3.75	5	14
4F RF	UDCon2	Combination		Y	0.001568	48	26.8	12	14
4F RF	UDCon3	Combination	Max	X	0.003371	32	11.4	19.6	14
4F RF	UDCon3	Combination	Max	Y	0.001824	40	3.75	5	14
4F RF	UDCon3	Combination	Min	X	0.003108	40	3.75	5	14
4F RF	UDCon3	Combination	Min	Y	0.002684	48	26.8	12	14
4F RF	UDCon4	Combination	Max	X	0.003133	32	11.4	19.6	14
4F RF	UDCon4	Combination	Max	Y	0.001846	40	3.75	5	14
4F RF	UDCon4	Combination	Min	X	0.003348	40	3.75	5	14
4F RF	UDCon4	Combination	Min	Y	0.002511	48	26.8	12	14
4F RF	UDCon5	Combination	Max	X	0.003912	31	15.8	19.6	14
4F RF	UDCon5	Combination	Max	Y	0.001404	40	3.75	5	14
4F RF	UDCon5	Combination	Min	X	0.002679	40	3.75	5	14
4F RF	UDCon5	Combination	Min	Y	0.002546	48	26.8	12	14
4F RF	UDCon6	Combination	Max	X	0.002618	32	11.4	19.6	14
4F RF	UDCon6	Combination	Max	Y	0.00146	40	3.75	5	14
4F RF	UDCon6	Combination	Min	X	0.003576	40	3.75	5	14
4F RF	UDCon6	Combination	Min	Y	0.002487	48	26.8	12	14
4F RF	UDCon7	Combination	Max	X	0.003376	32	11.4	19.6	14
4F RF	UDCon7	Combination	Max	Y	0.001814	40	3.75	5	14
4F RF	UDCon7	Combination	Min	X	0.003091	40	3.75	5	14
4F RF	UDCon7	Combination	Min	Y	0.002674	48	26.8	12	14
4F RF	UDCon8	Combination	Max	X	0.003138	32	11.4	19.6	14
4F RF	UDCon8	Combination	Max	Y	0.001836	40	3.75	5	14
4F RF	UDCon8	Combination	Min	X	0.00333	40	3.75	5	14
4F RF	UDCon8	Combination	Min	Y	0.002501	48	26.8	12	14
4F RF	UDCon9	Combination	Max	X	0.003917	31	15.8	19.6	14
4F RF	UDCon9	Combination	Max	Y	0.001394	40	3.75	5	14
4F RF	UDCon9	Combination	Min	X	0.002662	40	3.75	5	14
4F RF	UDCon9	Combination	Min	Y	0.002536	48	26.8	12	14
4F RF	UDCon10	Combination	Max	X	0.002623	32	11.4	19.6	14
4F RF	UDCon10	Combination	Max	Y	0.00145	40	3.75	5	14
4F RF	UDCon10	Combination	Min	X	0.003559	40	3.75	5	14
4F RF	UDCon10	Combination	Min	Y	0.002477	48	26.8	12	14
3F RF	Dead	LinStatic		X	0.000369	44	26.8	19.6	10.5
3F RF	Dead	LinStatic		Y	0.000733	45	26.8	14.8	10.5
3F RF	Live	LinStatic		X	4.3E-05	43	26.8	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	Live	LinStatic		Y	6.2E-05	45	26.8	14.8	10.5
3F RF	FF	LinStatic		X	0.00035	44	26.8	19.6	10.5
3F RF	FF	LinStatic		Y	0.000521	45	26.8	14.8	10.5
3F RF	PW	LinStatic		X	0.00033	44	26.8	19.6	10.5
3F RF	PW	LinStatic		Y	0.000481	45	26.8	14.8	10.5
3F RF	Earthquake+x	LinStatic		X	0.003515	44	26.8	19.6	10.5
3F RF	Earthquake+y	LinStatic		Y	0.002613	47	26.8	10	10.5
3F RF	TH-X Load Case	LinModHist	Max	X	0.002776	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Y	0.001332	45	26.8	14.8	10.5
3F RF	TH-X Load Case	LinModHist	Min	X	0.002546	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Y	0.00148	45	26.8	14.8	10.5
3F RF	TH-Y Load Case	LinModHist	Max	X	0.003305	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Y	0.001292	45	26.8	14.8	10.5
3F RF	TH-Y Load Case	LinModHist	Min	X	0.00211	33	3.75	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Y	0.00136	45	26.8	14.8	10.5
3F RF	UDCon1	Combination		X	0.001417	44	26.8	19.6	10.5
3F RF	UDCon1	Combination		Y	0.002343	45	26.8	14.8	10.5
3F RF	UDCon2	Combination		X	0.00144	44	26.8	19.6	10.5
3F RF	UDCon2	Combination		Y	0.002436	45	26.8	14.8	10.5
3F RF	UDCon3	Combination	Max	X	0.00383	44	26.8	19.6	10.5
3F RF	UDCon3	Combination	Max	Y	0.001704	38	3.75	14.8	10.5
3F RF	UDCon3	Combination	Min	X	0.002706	43	26.8	5	10.5
3F RF	UDCon3	Combination	Min	Y	0.003234	45	26.8	14.8	10.5
3F RF	UDCon4	Combination	Max	X	0.003601	44	26.8	19.6	10.5
3F RF	UDCon4	Combination	Max	Y	0.001724	38	3.75	14.8	10.5
3F RF	UDCon4	Combination	Min	X	0.002926	40	3.75	5	10.5
3F RF	UDCon4	Combination	Min	Y	0.003086	45	26.8	14.8	10.5
3F RF	UDCon5	Combination	Max	X	0.004359	44	26.8	19.6	10.5
3F RF	UDCon5	Combination	Max	Y	0.001299	38	3.75	14.8	10.5
3F RF	UDCon5	Combination	Min	X	0.002363	43	26.8	5	10.5
3F RF	UDCon5	Combination	Min	Y	0.003114	45	26.8	14.8	10.5
3F RF	UDCon6	Combination	Max	X	0.00316	44	26.8	19.6	10.5
3F RF	UDCon6	Combination	Max	Y	0.001366	38	3.75	14.8	10.5
3F RF	UDCon6	Combination	Min	X	0.003161	40	3.75	5	10.5
3F RF	UDCon6	Combination	Min	Y	0.003046	45	26.8	14.8	10.5
3F RF	UDCon7	Combination	Max	X	0.003825	44	26.8	19.6	10.5
3F RF	UDCon7	Combination	Max	Y	0.001694	38	3.75	14.8	10.5
3F RF	UDCon7	Combination	Min	X	0.002692	43	26.8	5	10.5
3F RF	UDCon7	Combination	Min	Y	0.003216	45	26.8	14.8	10.5
3F RF	UDCon8	Combination	Max	X	0.003596	44	26.8	19.6	10.5
3F RF	UDCon8	Combination	Max	Y	0.001715	38	3.75	14.8	10.5
3F RF	UDCon8	Combination	Min	X	0.002914	40	3.75	5	10.5
3F RF	UDCon8	Combination	Min	Y	0.003067	45	26.8	14.8	10.5
3F RF	UDCon9	Combination	Max	X	0.004354	44	26.8	19.6	10.5
3F RF	UDCon9	Combination	Max	Y	0.00129	38	3.75	14.8	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	UDCon9	Combination	Min	X	0.00235	43	26.8	5	10.5
3F RF	UDCon9	Combination	Min	Y	0.003095	45	26.8	14.8	10.5
3F RF	UDCon10	Combination	Max	X	0.003155	44	26.8	19.6	10.5
3F RF	UDCon10	Combination	Max	Y	0.001357	38	3.75	14.8	10.5
3F RF	UDCon10	Combination	Min	X	0.003148	40	3.75	5	10.5
3F RF	UDCon10	Combination	Min	Y	0.003027	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		X	0.000611	44	26.8	19.6	7
2F RF	Dead	LinStatic		Y	0.00107	45	26.8	14.8	7
2F RF	Live	LinStatic		X	4.5E-05	33	3.75	19.6	7
2F RF	Live	LinStatic		Y	9.9E-05	45	26.8	14.8	7
2F RF	FF	LinStatic		X	0.000522	44	26.8	19.6	7
2F RF	FF	LinStatic		Y	0.000767	45	26.8	14.8	7
2F RF	PW	LinStatic		X	0.000481	44	26.8	19.6	7
2F RF	PW	LinStatic		Y	0.000699	45	26.8	14.8	7
2F RF	Earthquake+x	LinStatic		X	0.003548	44	26.8	19.6	7
2F RF	Earthquake+y	LinStatic		Y	0.002669	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Max	X	0.002753	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Y	0.001329	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Min	X	0.002508	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Y	0.001459	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Max	X	0.003317	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Y	0.001279	43	26.8	5	7
2F RF	TH-Y Load Case	LinModHist	Min	X	0.002161	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Y	0.001362	43	26.8	5	7
2F RF	UDCon1	Combination		X	0.002178	44	26.8	19.6	7
2F RF	UDCon1	Combination		Y	0.003423	45	26.8	14.8	7
2F RF	UDCon2	Combination		X	0.002245	44	26.8	19.6	7
2F RF	UDCon2	Combination		Y	0.003572	45	26.8	14.8	7
2F RF	UDCon3	Combination	Max	X	0.00438	44	26.8	19.6	7
2F RF	UDCon3	Combination	Min	X	0.002315	27	17.9	5	7
2F RF	UDCon3	Combination	Min	Y	0.004	45	26.8	14.8	7
2F RF	UDCon4	Combination	Max	X	0.004135	44	26.8	19.6	7
2F RF	UDCon4	Combination	Min	X	0.002514	27	17.9	5	7
2F RF	UDCon4	Combination	Min	Y	0.003876	45	26.8	14.8	7
2F RF	UDCon5	Combination	Max	X	0.004944	44	26.8	19.6	7
2F RF	UDCon5	Combination	Min	X	0.002044	27	17.9	5	7
2F RF	UDCon5	Combination	Min	Y	0.003895	45	26.8	14.8	7
2F RF	UDCon6	Combination	Max	X	0.003788	44	26.8	19.6	7
2F RF	UDCon6	Combination	Min	X	0.002736	26	11.4	5	7
2F RF	UDCon6	Combination	Min	Y	0.003813	45	26.8	14.8	7
2F RF	UDCon7	Combination	Max	X	0.004367	44	26.8	19.6	7
2F RF	UDCon7	Combination	Min	X	0.002307	27	17.9	5	7
2F RF	UDCon7	Combination	Min	Y	0.00397	45	26.8	14.8	7
2F RF	UDCon8	Combination	Max	X	0.004122	44	26.8	19.6	7
2F RF	UDCon8	Combination	Max	Y	0.001683	33	3.75	19.6	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	UDCon8	Combination	Min	X	0.002506	27	17.9	5	7
2F RF	UDCon8	Combination	Min	Y	0.003846	45	26.8	14.8	7
2F RF	UDCon9	Combination	Max	X	0.004931	44	26.8	19.6	7
2F RF	UDCon9	Combination	Min	X	0.002036	27	17.9	5	7
2F RF	UDCon9	Combination	Min	Y	0.003865	45	26.8	14.8	7
2F RF	UDCon10	Combination	Max	X	0.003775	44	26.8	19.6	7
2F RF	UDCon10	Combination	Min	X	0.002729	26	11.4	5	7
2F RF	UDCon10	Combination	Min	Y	0.003783	45	26.8	14.8	7
1F RF	Dead	LinStatic		X	0.001638	38	3.75	14.8	3.5
1F RF	Dead	LinStatic		Y	0.001071	44	26.8	19.6	3.5
1F RF	Live	LinStatic		X	0.000306	38	3.75	14.8	3.5
1F RF	Live	LinStatic		Y	0.000163	26	11.4	5	3.5
1F RF	FF	LinStatic		X	0.001154	38	3.75	14.8	3.5
1F RF	FF	LinStatic		Y	0.000772	44	26.8	19.6	3.5
1F RF	PW	LinStatic		X	0.00092	38	3.75	14.8	3.5
1F RF	PW	LinStatic		Y	0.000701	44	26.8	19.6	3.5
1F RF	Earthquake+x	LinStatic		X	0.024286	57	22.6	5.35	3.5
1F RF	Earthquake+y	LinStatic		X	0.005288	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Y	0.026541	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	X	0.026276	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Y	0.013366	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Min	X	0.026863	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Y	0.014945	34	11.4	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Max	X	0.027523	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Y	0.008675	37	20.5	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Min	X	0.024694	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Y	0.008319	37	20.5	14.8	3.5
1F RF	UDCon1	Combination		X	0.005011	38	3.75	14.8	3.5
1F RF	UDCon1	Combination		Y	0.003435	44	26.8	19.6	3.5
1F RF	UDCon2	Combination		X	0.005471	38	3.75	14.8	3.5
1F RF	UDCon2	Combination		Y	0.003589	44	26.8	19.6	3.5
1F RF	UDCon3	Combination	Max	X	0.026156	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Max	Y	0.013232	35	11.4	10	3.5
1F RF	UDCon3	Combination	Min	X	0.026983	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Min	Y	0.015102	34	11.4	14.8	3.5
1F RF	UDCon4	Combination	Max	X	0.026743	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Max	Y	0.0148	35	11.4	10	3.5
1F RF	UDCon4	Combination	Min	X	0.026396	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Min	Y	0.013524	34	11.4	14.8	3.5
1F RF	UDCon5	Combination	Max	X	0.027403	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Max	Y	0.00887	37	20.5	14.8	3.5
1F RF	UDCon5	Combination	Min	X	0.024814	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Min	Y	0.008373	35	11.4	10	3.5
1F RF	UDCon6	Combination	Max	X	0.024574	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Max	Y	0.008515	37	20.5	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	UDCon6	Combination	Min	X	0.027643	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Min	Y	0.008512	34	11.4	14.8	3.5
1F RF	UDCon7	Combination	Max	X	0.026163	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Max	Y	0.013234	35	11.4	10	3.5
1F RF	UDCon7	Combination	Min	X	0.026976	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Min	Y	0.015097	34	11.4	14.8	3.5
1F RF	UDCon8	Combination	Max	X	0.026749	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Max	Y	0.014802	35	11.4	10	3.5
1F RF	UDCon8	Combination	Min	X	0.026389	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Min	Y	0.013519	34	11.4	14.8	3.5
1F RF	UDCon9	Combination	Max	X	0.02741	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Max	Y	0.008866	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Min	X	0.024807	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Min	Y	0.00837	35	11.4	10	3.5
1F RF	UDCon10	Combination	Max	X	0.024581	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Max	Y	0.00851	37	20.5	14.8	3.5
1F RF	UDCon10	Combination	Min	X	0.027636	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Min	Y	0.008507	34	11.4	14.8	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	2.55E-06	0	-2.934E-05	51671.1436
16	Dead	LinStatic		Bottom	5848.7799	2.55E-06	0	-2.993E-05	70927.5297
16	Live	LinStatic		Top	633.08	0	0	-5.3E-06	7910.046
16	Live	LinStatic		Bottom	666.8944	0	0	-5.416E-06	8145.8703
16	FF	LinStatic		Top	2471.6802	9.314E-07	0	-1.041E-05	31126.7236
16	FF	LinStatic		Bottom	3646.7799	9.314E-07	0	-1.075E-05	44002.7097
16	PW	LinStatic		Top	2005.1952	6.727E-07	0	-7.65E-06	25257.4816
16	PW	LinStatic		Bottom	3175.6149	6.727E-07	0	-7.9E-06	38107.2597
16	Earthquake+x	LinStatic		Top	0	-388.3662	7.902E-07	4771.2749	-6.233E-07
16	Earthquake+x	LinStatic		Bottom	0	-395.0833	8.24E-07	4811.2504	-3.407E-06
16	Earthquake+y	LinStatic		Top	0	-8.693E-07	-388.3661	-5958.6033	0
16	Earthquake+y	LinStatic		Bottom	5.309E-07	-8.657E-07	-395.0832	-6087.5269	1370.3647
16	TH-X Load Case	LinModHist	Max	Top	0	399.8048	145.9685	4611.7438	7.914E-07
16	TH-X Load Case	LinModHist	Max	Bottom	0	405.8425	148.859	4648.001	511.0047
16	TH-X Load Case	LinModHist	Min	Top	0	-408.3387	-144.8346	-5455.199	-6.934E-07
16	TH-X Load Case	LinModHist	Min	Bottom	0	-415.48	-147.3095	-5501.4452	-515.6591
16	TH-Y Load Case	LinModHist	Max	Top	0	254.1706	138.0419	4745.2754	5.871E-07
16	TH-Y Load Case	LinModHist	Max	Bottom	0	257.9191	140.5333	4784.4473	480.5989
16	TH-Y Load Case	LinModHist	Min	Top	0	-395.5738	-135.9868	-4494.536	-5.568E-07
16	TH-Y Load Case	LinModHist	Min	Bottom	0	-402.1472	-138.802	-4545.4016	-487.2575
16	UDCon1	Combination		Top	11630.7301	5.609E-06	5.469E-07	-0.0001	145874.7209
16	UDCon1	Combination		Bottom	17106.0858	5.609E-06	0	-0.0001	206600.6237
16	UDCon2	Combination		Top	12580.3501	6.317E-06	5.974E-07	-0.0001	157739.7899

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	UDCon2	Combination		Bottom	18106.4275	6.317E-06	5.012E-07	-0.0001	218819.4292
16	UDCon3	Combination	Max	Top	8805.2796	399.8048	145.9685	4611.7438	110428.3626
16	UDCon3	Combination	Max	Bottom	12871.243	405.8425	148.859	4648.0009	155992.2649
16	UDCon3	Combination	Min	Top	8805.2796	-408.3387	-144.8346	-5455.199	110428.3626
16	UDCon3	Combination	Min	Bottom	12871.243	-415.48	-147.3095	-5501.4452	154965.601
16	UDCon4	Combination	Max	Top	8805.2796	408.3388	144.8346	5455.1989	110428.3626
16	UDCon4	Combination	Max	Bottom	12871.243	415.48	147.3095	5501.4451	155996.9193
16	UDCon4	Combination	Min	Top	8805.2796	-399.8048	-145.9685	-4611.7439	110428.3626
16	UDCon4	Combination	Min	Bottom	12871.243	-405.8425	-148.859	-4648.001	154970.2554
16	UDCon5	Combination	Max	Top	8805.2796	254.1707	138.0419	4745.2754	110428.3626
16	UDCon5	Combination	Max	Bottom	12871.243	257.9191	140.5333	4784.4472	155961.8591
16	UDCon5	Combination	Min	Top	8805.2796	-395.5738	-135.9868	-4494.5361	110428.3626
16	UDCon5	Combination	Min	Bottom	12871.243	-402.1472	-138.802	-4545.4016	154994.0027
16	UDCon6	Combination	Max	Top	8805.2796	395.5738	135.9868	4494.536	110428.3626
16	UDCon6	Combination	Max	Bottom	12871.243	402.1472	138.802	4545.4015	155968.5176
16	UDCon6	Combination	Min	Top	8805.2796	-254.1706	-138.0419	-4745.2755	110428.3626
16	UDCon6	Combination	Min	Bottom	12871.243	-257.9191	-140.5333	-4784.4473	155000.6612
16	UDCon7	Combination	Max	Top	8615.3556	399.8048	145.9685	4611.7438	108055.3488
16	UDCon7	Combination	Max	Bottom	12671.1747	405.8425	148.859	4648.0009	153548.5038
16	UDCon7	Combination	Min	Top	8615.3556	-408.3387	-144.8346	-5455.199	108055.3488
16	UDCon7	Combination	Min	Bottom	12671.1747	-415.48	-147.3095	-5501.4452	152521.8399
16	UDCon8	Combination	Max	Top	8615.3556	408.3388	144.8346	5455.1989	108055.3488
16	UDCon8	Combination	Max	Bottom	12671.1747	415.48	147.3095	5501.4451	153553.1582
16	UDCon8	Combination	Min	Top	8615.3556	-399.8048	-145.9685	-4611.7439	108055.3488
16	UDCon8	Combination	Min	Bottom	12671.1747	-405.8425	-148.859	-4648.001	152526.4943
16	UDCon9	Combination	Max	Top	8615.3556	254.1707	138.0419	4745.2754	108055.3488
16	UDCon9	Combination	Max	Bottom	12671.1747	257.9191	140.5333	4784.4472	153518.098
16	UDCon9	Combination	Min	Top	8615.3556	-395.5738	-135.9868	-4494.5361	108055.3488
16	UDCon9	Combination	Min	Bottom	12671.1747	-402.1472	-138.802	-4545.4016	152550.2416
16	UDCon10	Combination	Max	Top	8615.3556	395.5738	135.9868	4494.536	108055.3488
16	UDCon10	Combination	Max	Bottom	12671.1747	402.1472	138.802	4545.4015	153524.7565
16	UDCon10	Combination	Min	Top	8615.3556	-254.1706	-138.0419	-4745.2755	108055.3488
16	UDCon10	Combination	Min	Bottom	12671.1747	-257.9191	-140.5333	-4784.4473	152556.9001
15	Dead	LinStatic		Top	9987.2601	3.405E-06	0	-4.246E-05	122598.6733
15	Dead	LinStatic		Bottom	11697.5598	3.405E-06	0	-4.284E-05	141855.0594
15	Live	LinStatic		Top	1299.9744	6.29E-07	0	-7.562E-06	16055.9163
15	Live	LinStatic		Bottom	1333.7889	6.289E-07	0	-7.662E-06	16291.7406
15	FF	LinStatic		Top	6118.4601	1.24E-06	0	-1.594E-05	75129.4333
15	FF	LinStatic		Bottom	7293.5598	1.24E-06	0	-1.616E-05	88005.4194
15	PW	LinStatic		Top	5180.8101	8.957E-07	0	-1.182E-05	63364.7413
15	PW	LinStatic		Bottom	6351.2298	8.956E-07	0	-1.195E-05	76214.5194
15	Earthquake+x	LinStatic		Top	0	-838.9968	6.694E-07	10176.3388	-3.134E-06
15	Earthquake+x	LinStatic		Bottom	0	-845.294	7.114E-07	10213.8158	-5.482E-06
15	Earthquake+y	LinStatic		Top	0	-1.053E-06	-838.9967	-13017.4389	1370.3647
15	Earthquake+y	LinStatic		Bottom	0	-1.05E-06	-845.294	-13138.3049	4317.2438

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	TH-X Load Case	LinModHist	Max	Top	0	841.6332	315.2498	10105.5524	511.0047
15	TH-X Load Case	LinModHist	Max	Bottom	0	847.1115	317.9166	10164.8953	1613.0928
15	TH-X Load Case	LinModHist	Min	Top	0	-864.9588	-313.7937	-11405.7458	-515.6591
15	TH-X Load Case	LinModHist	Min	Bottom	0	-871.4131	-316.1029	-11447.5177	-1623.4336
15	TH-Y Load Case	LinModHist	Max	Top	0	528.3249	298.7079	10022.3325	480.5989
15	TH-Y Load Case	LinModHist	Max	Bottom	0	531.5507	301.0564	10057.7258	1517.586
15	TH-Y Load Case	LinModHist	Min	Top	0	-855.1322	-295.0557	-9388.9599	-487.2574
15	TH-Y Load Case	LinModHist	Min	Bottom	0	-861.3352	-297.6569	-9434.7758	-1536.61
15	UDCon1	Combination		Top	28736.8159	7.479E-06	0	-0.0001	352475.3447
15	UDCon1	Combination		Bottom	34212.1716	7.479E-06	0	-0.0001	413201.2475
15	UDCon2	Combination		Top	30686.7776	8.423E-06	0	-0.0001	376559.2191
15	UDCon2	Combination		Bottom	36212.855	8.422E-06	0	-0.0001	437638.8584
15	UDCon3	Combination	Max	Top	21676.5226	841.6332	315.2498	10105.5523	266420.6275
15	UDCon3	Combination	Max	Bottom	25742.486	847.1115	317.9166	10164.8952	312575.6131
15	UDCon3	Combination	Min	Top	21676.5226	-864.9588	-313.7937	-11405.7459	265393.9637
15	UDCon3	Combination	Min	Bottom	25742.486	-871.4131	-316.1029	-11447.5178	309339.0867
15	UDCon4	Combination	Max	Top	21676.5226	864.9588	313.7937	11405.7458	266425.2819
15	UDCon4	Combination	Max	Bottom	25742.486	871.4131	316.1029	11447.5176	312585.954
15	UDCon4	Combination	Min	Top	21676.5226	-841.6332	-315.2498	-10105.5525	265398.6181
15	UDCon4	Combination	Min	Bottom	25742.486	-847.1115	-317.9166	-10164.8953	309349.4275
15	UDCon5	Combination	Max	Top	21676.5226	528.3249	298.7079	10022.3324	266390.2217
15	UDCon5	Combination	Max	Bottom	25742.486	531.5507	301.0564	10057.7258	312480.1063
15	UDCon5	Combination	Min	Top	21676.5226	-855.1322	-295.0557	-9388.96	265422.3653
15	UDCon5	Combination	Min	Bottom	25742.486	-861.3352	-297.6569	-9434.7759	309425.9103
15	UDCon6	Combination	Max	Top	21676.5226	855.1322	295.0557	9388.9599	266396.8802
15	UDCon6	Combination	Max	Bottom	25742.486	861.3352	297.6569	9434.7757	312499.1303
15	UDCon6	Combination	Min	Top	21676.5226	-528.3249	-298.7079	-10022.3325	265429.0239
15	UDCon6	Combination	Min	Bottom	25742.486	-531.5507	-301.0564	-10057.7259	309444.9343
15	UDCon7	Combination	Max	Top	21286.5303	841.6332	315.2498	10105.5523	261603.8526
15	UDCon7	Combination	Max	Bottom	25342.3494	847.1115	317.9166	10164.8952	307688.0909
15	UDCon7	Combination	Min	Top	21286.5303	-864.9588	-313.7937	-11405.7459	260577.1888
15	UDCon7	Combination	Min	Bottom	25342.3494	-871.4131	-316.1029	-11447.5178	304451.5645
15	UDCon8	Combination	Max	Top	21286.5303	864.9588	313.7937	11405.7458	261608.507
15	UDCon8	Combination	Max	Bottom	25342.3494	871.4131	316.1029	11447.5176	307698.4318
15	UDCon8	Combination	Min	Top	21286.5303	-841.6332	-315.2498	-10105.5525	260581.8432
15	UDCon8	Combination	Min	Bottom	25342.3494	-847.1115	-317.9166	-10164.8953	304461.9053
15	UDCon9	Combination	Max	Top	21286.5303	528.3249	298.7079	10022.3324	261573.4468
15	UDCon9	Combination	Max	Bottom	25342.3494	531.5507	301.0564	10057.7258	307592.5841
15	UDCon9	Combination	Min	Top	21286.5303	-855.1322	-295.0557	-9388.96	260605.5905
15	UDCon9	Combination	Min	Bottom	25342.3494	-861.3352	-297.6569	-9434.7759	304538.3881
15	UDCon10	Combination	Max	Top	21286.5303	855.1322	295.0557	9388.9599	261580.1054
15	UDCon10	Combination	Max	Bottom	25342.3494	861.3352	297.6569	9434.7757	307611.6082
15	UDCon10	Combination	Min	Top	21286.5303	-528.3249	-298.7079	-10022.3325	260612.249
15	UDCon10	Combination	Min	Bottom	25342.3494	-531.5507	-301.0564	-10057.7259	304557.4121
14	Dead	LinStatic		Top	15836.04	5.528E-06	0	-0.0001	193526.203

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	Dead	LinStatic		Bottom	17546.3397	5.526E-06	0	-0.0001	212782.5891
14	Live	LinStatic		Top	1966.8689	1.072E-06	0	-1.398E-05	24201.7866
14	Live	LinStatic		Bottom	2000.6833	1.072E-06	0	-1.397E-05	24437.611
14	FF	LinStatic		Top	9765.24	1.879E-06	0	-2.501E-05	119132.143
14	FF	LinStatic		Bottom	10940.3397	1.878E-06	0	-2.487E-05	132008.1291
14	PW	LinStatic		Top	8356.425	1.295E-06	0	-1.746E-05	101472.001
14	PW	LinStatic		Bottom	9526.8447	1.295E-06	0	-1.732E-05	114321.7791
14	Earthquake+x	LinStatic		Top	0	-1259.6133	8.132E-07	15585.8331	-5.656E-06
14	Earthquake+x	LinStatic		Bottom	0	-1265.4908	8.228E-07	15620.8116	-8.406E-06
14	Earthquake+y	LinStatic		Top	0	-3.867E-06	-1259.6133	-20100.2983	4317.2437
14	Earthquake+y	LinStatic		Bottom	0	-3.864E-06	-1265.4907	-20213.1065	8735.588
14	TH-X Load Case	LinModHist	Max	Top	0	1230.5951	470.0221	15357.577	1613.0928
14	TH-X Load Case	LinModHist	Max	Bottom	0	1235.4989	472.4584	15413.0346	3268.4603
14	TH-X Load Case	LinModHist	Min	Top	0	-1269.4728	-471.9541	-16701.2237	-1623.4336
14	TH-X Load Case	LinModHist	Min	Bottom	0	-1275.2201	-474.0923	-16745.1011	-3272.5309
14	TH-Y Load Case	LinModHist	Max	Top	0	767.7932	447.8522	14843.3585	1517.586
14	TH-Y Load Case	LinModHist	Max	Bottom	0	771.4569	450.0492	14874.9082	3065.8839
14	TH-Y Load Case	LinModHist	Min	Top	0	-1284.0607	-441.2483	-13616.3113	-1536.61
14	TH-Y Load Case	LinModHist	Min	Bottom	0	-1289.8826	-443.6294	-13657.1279	-3107.7177
14	UDCon1	Combination		Top	45842.9017	1.175E-05	0	-0.0002	559075.9684
14	UDCon1	Combination		Bottom	51318.2575	1.174E-05	0	-0.0002	619801.8712
14	UDCon2	Combination		Top	48793.205	1.336E-05	0	-0.0002	595378.6484
14	UDCon2	Combination		Bottom	54319.2825	1.335E-05	0	-0.0002	656458.2876
14	UDCon3	Combination	Max	Top	34547.7656	1230.5951	470.0221	15357.5769	423003.9757
14	UDCon3	Combination	Max	Bottom	38613.729	1235.4989	472.4584	15413.0345	469712.2407
14	UDCon3	Combination	Min	Top	34547.7656	-1269.4728	-471.9541	-16701.2238	419767.4493
14	UDCon3	Combination	Min	Bottom	38613.729	-1275.2201	-474.0923	-16745.1012	463171.2496
14	UDCon4	Combination	Max	Top	34547.7656	1269.4728	471.9541	16701.2235	423014.3166
14	UDCon4	Combination	Max	Bottom	38613.729	1275.2201	474.0923	16745.101	469716.3114
14	UDCon4	Combination	Min	Top	34547.7656	-1230.5951	-470.0221	-15357.5771	419777.7902
14	UDCon4	Combination	Min	Bottom	38613.729	-1235.4989	-472.4584	-15413.0347	463175.3202
14	UDCon5	Combination	Max	Top	34547.7656	767.7932	447.8522	14843.3584	422908.469
14	UDCon5	Combination	Max	Bottom	38613.729	771.4569	450.0492	14874.908	469509.6644
14	UDCon5	Combination	Min	Top	34547.7656	-1284.0607	-441.2483	-13616.3115	419854.2729
14	UDCon5	Combination	Min	Bottom	38613.729	-1289.8826	-443.6294	-13657.128	463336.0628
14	UDCon6	Combination	Max	Top	34547.7656	1284.0607	441.2483	13616.3112	422927.493
14	UDCon6	Combination	Max	Bottom	38613.729	1289.8826	443.6294	13657.1278	469551.4982
14	UDCon6	Combination	Min	Top	34547.7656	-767.7932	-447.8522	-14843.3586	419873.297
14	UDCon6	Combination	Min	Bottom	38613.729	-771.4569	-450.0492	-14874.9083	463377.8966
14	UDCon7	Combination	Max	Top	33957.705	1230.5951	470.0221	15357.5769	415743.4397
14	UDCon7	Combination	Max	Bottom	38013.524	1235.4989	472.4584	15413.0345	462380.9575
14	UDCon7	Combination	Min	Top	33957.705	-1269.4728	-471.9541	-16701.2238	412506.9133
14	UDCon7	Combination	Min	Bottom	38013.524	-1275.2201	-474.0923	-16745.1012	455839.9663
14	UDCon8	Combination	Max	Top	33957.705	1269.4728	471.9541	16701.2235	415753.7806
14	UDCon8	Combination	Max	Bottom	38013.524	1275.2201	474.0923	16745.101	462385.0281

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	UDCon8	Combination	Min	Top	33957.705	-1230.5951	-470.0221	-15357.5771	412517.2542
14	UDCon8	Combination	Min	Bottom	38013.524	-1235.4989	-472.4584	-15413.0347	455844.0369
14	UDCon9	Combination	Max	Top	33957.705	767.7932	447.8522	14843.3584	415647.933
14	UDCon9	Combination	Max	Bottom	38013.524	771.4569	450.0492	14874.9081	462178.3811
14	UDCon9	Combination	Min	Top	33957.705	-1284.0607	-441.2483	-13616.3115	412593.7369
14	UDCon9	Combination	Min	Bottom	38013.524	-1289.8826	-443.6294	-13657.128	456004.7795
14	UDCon10	Combination	Max	Top	33957.705	1284.0607	441.2483	13616.3112	415666.957
14	UDCon10	Combination	Max	Bottom	38013.524	1289.8826	443.6294	13657.1278	462220.2149
14	UDCon10	Combination	Min	Top	33957.705	-767.7932	-447.8522	-14843.3586	412612.761
14	UDCon10	Combination	Min	Bottom	38013.524	-771.4569	-450.0492	-14874.9083	456046.6133
13	Dead	LinStatic		Top	21684.8199	6.411E-06	0	-0.0001	264453.7327
13	Dead	LinStatic		Bottom	23395.1196	6.411E-06	0	-0.0001	283710.1188
13	Live	LinStatic		Top	2633.7633	1.264E-06	0	-1.665E-05	32347.657
13	Live	LinStatic		Bottom	2667.5778	1.264E-06	0	-1.67E-05	32583.4813
13	FF	LinStatic		Top	13412.0199	2.116E-06	0	-2.77E-05	163134.8527
13	FF	LinStatic		Bottom	14587.1196	2.116E-06	0	-2.789E-05	176010.8388
13	PW	LinStatic		Top	11532.0399	1.43E-06	0	-1.878E-05	139579.2607
13	PW	LinStatic		Bottom	12702.4596	1.43E-06	0	-1.893E-05	152429.0388
13	Earthquake+x	LinStatic		Top	0	-1650.2158	1.697E-06	20609.1132	-7.559E-06
13	Earthquake+x	LinStatic		Bottom	0	-1655.6735	1.696E-06	20641.5932	-1.353E-05
13	Earthquake+y	LinStatic		Top	0	-5.315E-06	-1650.2157	-26677.8147	8735.588
13	Earthquake+y	LinStatic		Bottom	0	-5.31E-06	-1655.6734	-26782.5652	14520.3481
13	TH-X Load Case	LinModHist	Max	Top	0	1566.7331	610.0735	20303.7803	3268.4603
13	TH-X Load Case	LinModHist	Max	Bottom	0	1571.0802	612.2765	20355.1602	5438.3845
13	TH-X Load Case	LinModHist	Min	Top	0	-1621.3899	-619.0528	-21558.6493	-3272.5309
13	TH-X Load Case	LinModHist	Min	Bottom	0	-1626.4352	-621.0161	-21597.5135	-5411.4232
13	TH-Y Load Case	LinModHist	Max	Top	0	1001.5228	585.312	19186.1915	3065.8839
13	TH-Y Load Case	LinModHist	Max	Bottom	0	1004.8449	587.3567	19213.7557	5079.7119
13	TH-Y Load Case	LinModHist	Min	Top	0	-1681.9196	-574.3619	-17699.8193	-3107.7177
13	TH-Y Load Case	LinModHist	Min	Bottom	0	-1687.3573	-576.5203	-17743.1805	-5159.6835
13	UDCon1	Combination		Top	62948.9875	1.344E-05	7.021E-07	-0.0002	765676.5922
13	UDCon1	Combination		Bottom	68424.3433	1.344E-05	6.56E-07	-0.0002	826402.495
13	UDCon2	Combination		Top	66899.6325	1.534E-05	7.573E-07	-0.0002	814198.0776
13	UDCon2	Combination		Bottom	72425.7099	1.534E-05	7.073E-07	-0.0002	875277.7169
13	UDCon3	Combination	Max	Top	47419.0087	1566.7331	610.0735	20303.7801	580140.6034
13	UDCon3	Combination	Max	Bottom	51484.9721	1571.0802	612.2765	20355.1601	627363.4252
13	UDCon3	Combination	Min	Top	47419.0087	-1621.3898	-619.0528	-21558.6494	573599.6122
13	UDCon3	Combination	Min	Bottom	51484.9721	-1626.4351	-621.0161	-21597.5137	616513.6175
13	UDCon4	Combination	Max	Top	47419.0087	1621.3899	619.0528	21558.6492	580144.674
13	UDCon4	Combination	Max	Bottom	51484.9721	1626.4352	621.0161	21597.5134	627336.4638
13	UDCon4	Combination	Min	Top	47419.0087	-1566.7331	-610.0735	-20303.7804	573603.6829
13	UDCon4	Combination	Min	Bottom	51484.9721	-1571.0802	-612.2765	-20355.1603	616486.6561
13	UDCon5	Combination	Max	Top	47419.0087	1001.5229	585.312	19186.1914	579938.027
13	UDCon5	Combination	Max	Bottom	51484.9721	1004.8449	587.3567	19213.7556	627004.7525
13	UDCon5	Combination	Min	Top	47419.0087	-1681.9196	-574.3619	-17699.8195	573764.4254

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	UDCon5	Combination	Min	Bottom	51484.9721	-1687.3573	-576.5203	-17743.1806	616765.3571
13	UDCon6	Combination	Max	Top	47419.0087	1681.9196	574.3619	17699.8192	579979.8609
13	UDCon6	Combination	Max	Bottom	51484.9721	1687.3573	576.5203	17743.1803	627084.7242
13	UDCon6	Combination	Min	Top	47419.0087	-1001.5228	-585.312	-19186.1916	573806.2592
13	UDCon6	Combination	Min	Bottom	51484.9721	-1004.8449	-587.3567	-19213.7558	616845.3288
13	UDCon7	Combination	Max	Top	46628.8797	1566.7331	610.0735	20303.7802	570436.3063
13	UDCon7	Combination	Max	Bottom	50684.6987	1571.0802	612.2765	20355.1601	617588.3808
13	UDCon7	Combination	Min	Top	46628.8797	-1621.3898	-619.0528	-21558.6494	563895.3152
13	UDCon7	Combination	Min	Bottom	50684.6987	-1626.4351	-621.0161	-21597.5137	606738.5731
13	UDCon8	Combination	Max	Top	46628.8797	1621.3899	619.0528	21558.6492	570440.3769
13	UDCon8	Combination	Max	Bottom	50684.6987	1626.4352	621.0161	21597.5134	617561.4194
13	UDCon8	Combination	Min	Top	46628.8797	-1566.7331	-610.0735	-20303.7804	563899.3858
13	UDCon8	Combination	Min	Bottom	50684.6987	-1571.0802	-612.2765	-20355.1603	606711.6117
13	UDCon9	Combination	Max	Top	46628.8797	1001.5229	585.312	19186.1914	570233.7299
13	UDCon9	Combination	Max	Bottom	50684.6987	1004.8449	587.3567	19213.7556	617229.7082
13	UDCon9	Combination	Min	Top	46628.8797	-1681.9196	-574.3619	-17699.8195	564060.1283
13	UDCon9	Combination	Min	Bottom	50684.6987	-1687.3573	-576.5203	-17743.1806	606990.3127
13	UDCon10	Combination	Max	Top	46628.8797	1681.9196	574.3619	17699.8192	570275.5638
13	UDCon10	Combination	Max	Bottom	50684.6987	1687.3573	576.5203	17743.1804	617309.6798
13	UDCon10	Combination	Min	Top	46628.8797	-1001.5228	-585.312	-19186.1916	564101.9622
13	UDCon10	Combination	Min	Bottom	50684.6987	-1004.8449	-587.3567	-19213.7558	607070.2844
12F RF	Dead	LinStatic		Top	27533.5998	6.41E-06	0	-0.0001	335381.2624
12F RF	Dead	LinStatic		Bottom	29243.8995	6.41E-06	0	-0.0001	354637.6485
12F RF	Live	LinStatic		Top	3300.6578	1.278E-06	0	-1.733E-05	40493.5273
12F RF	Live	LinStatic		Bottom	3334.4722	1.278E-06	0	-1.732E-05	40729.3516
12F RF	FF	LinStatic		Top	17058.7998	2.081E-06	0	-2.808E-05	207137.5624
12F RF	FF	LinStatic		Bottom	18233.8995	2.081E-06	0	-2.799E-05	220013.5485
12F RF	PW	LinStatic		Top	14707.6548	1.388E-06	0	-1.874E-05	177686.5204
12F RF	PW	LinStatic		Bottom	15878.0745	1.387E-06	0	-1.865E-05	190536.2984
12F RF	Earthquake+x	LinStatic		Top	0	-2010.8043	2.402E-06	25246.179	-1.45E-05
12F RF	Earthquake+x	LinStatic		Bottom	0	-2015.8421	2.42E-06	25276.1606	-2.288E-05
12F RF	Earthquake+y	LinStatic		Top	0	-5.99E-06	-2010.8042	-32749.9882	14520.3481
12F RF	Earthquake+y	LinStatic		Bottom	0	-5.987E-06	-2015.842	-32846.6809	21566.4751
12F RF	TH-X Load Case	LinModHist	Max	Top	0	1871.9789	735.3103	24906.631	5438.3845
12F RF	TH-X Load Case	LinModHist	Max	Bottom	0	1876.459	737.2781	24953.6788	8083.3448
12F RF	TH-X Load Case	LinModHist	Min	Top	0	-1921.988	-754.8607	-25927.86	-5411.4232
12F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1926.3612	-756.6473	-25965.6883	-7988.2562
12F RF	TH-Y Load Case	LinModHist	Max	Top	0	1214.7934	711.0226	23028.0951	5079.7119
12F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	1217.7825	712.9152	23051.5463	7512.9326
12F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2048.7212	-694.2942	-21464.9498	-5159.6835
12F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2053.7749	-696.2281	-21504.8195	-7651.3855
12F RF	UDCon1	Combination		Top	80055.0734	1.334E-05	8.528E-07	-0.0002	972277.2159
12F RF	UDCon1	Combination		Bottom	85530.4291	1.334E-05	8.764E-07	-0.0002	1033003.1187
12F RF	UDCon2	Combination		Top	85006.06	1.525E-05	9.08E-07	-0.0002	1033017.5068
12F RF	UDCon2	Combination		Bottom	90532.1374	1.525E-05	9.321E-07	-0.0002	1094097.1461

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	UDCon3	Combination	Max	Top	60290.2517	1871.979	735.3103	24906.6309	737791.7878
12F RF	UDCon3	Combination	Max	Bottom	64356.2151	1876.459	737.2781	24953.6787	785489.6456
12F RF	UDCon3	Combination	Min	Top	60290.2517	-1921.988	-754.8607	-25927.8601	726941.9801
12F RF	UDCon3	Combination	Min	Bottom	64356.2151	-1926.3612	-756.6473	-25965.6885	769418.0446
12F RF	UDCon4	Combination	Max	Top	60290.2517	1921.988	754.8607	25927.8599	737764.8265
12F RF	UDCon4	Combination	Max	Bottom	64356.2151	1926.3612	756.6473	25965.6882	785394.557
12F RF	UDCon4	Combination	Min	Top	60290.2517	-1871.9789	-735.3103	-24906.6312	726915.0188
12F RF	UDCon4	Combination	Min	Bottom	64356.2151	-1876.4589	-737.2781	-24953.679	769322.956
12F RF	UDCon5	Combination	Max	Top	60290.2517	1214.7934	711.0226	23028.095	737433.1152
12F RF	UDCon5	Combination	Max	Bottom	64356.2151	1217.7825	712.9152	23051.5461	784919.2335
12F RF	UDCon5	Combination	Min	Top	60290.2517	-2048.7212	-694.2942	-21464.95	727193.7198
12F RF	UDCon5	Combination	Min	Bottom	64356.2151	-2053.7749	-696.2281	-21504.8197	769754.9154
12F RF	UDCon6	Combination	Max	Top	60290.2517	2048.7212	694.2942	21464.9497	737513.0868
12F RF	UDCon6	Combination	Max	Bottom	64356.2151	2053.775	696.2281	21504.8194	785057.6863
12F RF	UDCon6	Combination	Min	Top	60290.2517	-1214.7934	-711.0226	-23028.0952	727273.6914
12F RF	UDCon6	Combination	Min	Bottom	64356.2151	-1217.7825	-712.9152	-23051.5464	769893.3682
12F RF	UDCon7	Combination	Max	Top	59300.0543	1871.979	735.3103	24906.6309	725643.7297
12F RF	UDCon7	Combination	Max	Bottom	63355.8734	1876.459	737.2781	24953.6787	773270.8402
12F RF	UDCon7	Combination	Min	Top	59300.0543	-1921.988	-754.8607	-25927.8601	714793.922
12F RF	UDCon7	Combination	Min	Bottom	63355.8734	-1926.3612	-756.6473	-25965.6885	757199.2392
12F RF	UDCon8	Combination	Max	Top	59300.0543	1921.988	754.8607	25927.8599	725616.7683
12F RF	UDCon8	Combination	Max	Bottom	63355.8734	1926.3612	756.6473	25965.6882	773175.7516
12F RF	UDCon8	Combination	Min	Top	59300.0543	-1871.9789	-735.3103	-24906.6312	714766.9606
12F RF	UDCon8	Combination	Min	Bottom	63355.8734	-1876.4589	-737.2781	-24953.679	757104.1506
12F RF	UDCon9	Combination	Max	Top	59300.0543	1214.7934	711.0226	23028.095	725285.057
12F RF	UDCon9	Combination	Max	Bottom	63355.8734	1217.7825	712.9152	23051.5461	772700.428
12F RF	UDCon9	Combination	Min	Top	59300.0543	-2048.7212	-694.2942	-21464.95	715045.6616
12F RF	UDCon9	Combination	Min	Bottom	63355.8734	-2053.7749	-696.2281	-21504.8197	757536.1099
12F RF	UDCon10	Combination	Max	Top	59300.0543	2048.7212	694.2942	21464.9497	725365.0287
12F RF	UDCon10	Combination	Max	Bottom	63355.8734	2053.7749	696.2281	21504.8194	772838.8808
12F RF	UDCon10	Combination	Min	Top	59300.0543	-1214.7934	-711.0226	-23028.0952	715125.6332
12F RF	UDCon10	Combination	Min	Bottom	63355.8734	-1217.7825	-712.9152	-23051.5464	757674.5627
11F RF	Dead	LinStatic		Top	33382.3797	6.645E-06	0	-0.0001	406308.7921
11F RF	Dead	LinStatic		Bottom	35092.6794	6.645E-06	0	-0.0001	425565.1782
11F RF	Live	LinStatic		Top	3967.5522	1.325E-06	0	-1.797E-05	48639.3976
11F RF	Live	LinStatic		Bottom	4001.3667	1.325E-06	0	-1.799E-05	48875.2219
11F RF	FF	LinStatic		Top	20705.5797	2.146E-06	0	-2.98E-05	251140.2721
11F RF	FF	LinStatic		Bottom	21880.6794	2.146E-06	0	-2.976E-05	264016.2581
11F RF	PW	LinStatic		Top	17883.2697	1.428E-06	0	-2.014E-05	215793.7801
11F RF	PW	LinStatic		Bottom	19053.6894	1.428E-06	0	-2.007E-05	228643.5581
11F RF	Earthquake+x	LinStatic		Top	0	-2341.3787	1.23E-06	29497.031	-2.291E-05
11F RF	Earthquake+x	LinStatic		Bottom	0	-2345.9967	1.251E-06	29524.5141	-2.728E-05
11F RF	Earthquake+y	LinStatic		Top	0	-6.128E-06	-2341.3785	-38316.8187	21566.4751
11F RF	Earthquake+y	LinStatic		Bottom	0	-6.125E-06	-2345.9965	-38405.4537	29768.9197
11F RF	TH-X Load Case	LinModHist	Max	Top	0	2147.8246	845.7793	29123.7572	8083.3448

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	TH-X Load Case	LinModHist	Max	Bottom	0	2151.8815	847.5118	29166.2262	11163.3666
11F RF	TH-X Load Case	LinModHist	Min	Top	0	-2223.2881	-879.2468	-29742.7912	-7988.2562
11F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-2227.7649	-880.8577	-29775.1743	-10951.3424
11F RF	TH-Y Load Case	LinModHist	Max	Top	0	1408.7771	825.0398	26529.7818	7512.9326
11F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	1411.4501	826.7816	26551.1672	10319.4488
11F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2384.736	-801.056	-24836.9038	-7651.3855
11F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2389.4059	-802.7653	-24873.2229	-10541.8986
11F RF	UDCon1	Combination		Top	97161.1592	1.38E-05	0	-0.0002	1178877.8397
11F RF	UDCon1	Combination		Bottom	102636.5149	1.38E-05	0	-0.0002	1239603.7425
11F RF	UDCon2	Combination		Top	103112.4875	1.578E-05	5.074E-07	-0.0002	1251836.9361
11F RF	UDCon2	Combination		Bottom	108638.5649	1.578E-05	5.176E-07	-0.0002	1312916.5753
11F RF	UDCon3	Combination	Max	Top	73161.4947	2147.8246	845.7793	29123.7571	895918.0083
11F RF	UDCon3	Combination	Max	Bottom	77227.4581	2151.8815	847.5118	29166.226	944050.9276
11F RF	UDCon3	Combination	Min	Top	73161.4947	-2223.2881	-879.2468	-29742.7913	879846.4073
11F RF	UDCon3	Combination	Min	Bottom	77227.4581	-2227.7649	-880.8577	-29775.1744	921936.2186
11F RF	UDCon4	Combination	Max	Top	73161.4947	2223.2881	879.2468	29742.791	895822.9197
11F RF	UDCon4	Combination	Max	Bottom	77227.4581	2227.7649	880.8577	29775.1741	943838.9034
11F RF	UDCon4	Combination	Min	Top	73161.4947	-2147.8246	-845.7793	-29123.7574	879751.3187
11F RF	UDCon4	Combination	Min	Bottom	77227.4581	-2151.8815	-847.5118	-29166.2263	921724.1944
11F RF	UDCon5	Combination	Max	Top	73161.4947	1408.7771	825.0398	26529.7816	895347.5961
11F RF	UDCon5	Combination	Max	Bottom	77227.4581	1411.4501	826.7816	26551.1671	943207.0098
11F RF	UDCon5	Combination	Min	Top	73161.4947	-2384.736	-801.056	-24836.904	880183.278
11F RF	UDCon5	Combination	Min	Bottom	77227.4581	-2389.4058	-802.7653	-24873.223	922345.6624
11F RF	UDCon6	Combination	Max	Top	73161.4947	2384.736	801.056	24836.9037	895486.0489
11F RF	UDCon6	Combination	Max	Bottom	77227.4581	2389.4059	802.7653	24873.2227	943429.4596
11F RF	UDCon6	Combination	Min	Top	73161.4947	-1408.7771	-825.0398	-26529.7819	880321.7309
11F RF	UDCon6	Combination	Min	Bottom	77227.4581	-1411.4501	-826.7816	-26551.1674	922568.1122
11F RF	UDCon7	Combination	Max	Top	71971.229	2147.8246	845.7793	29123.7571	881326.189
11F RF	UDCon7	Combination	Max	Bottom	76027.0481	2151.8815	847.5118	29166.226	929388.361
11F RF	UDCon7	Combination	Min	Top	71971.229	-2223.2881	-879.2468	-29742.7913	865254.588
11F RF	UDCon7	Combination	Min	Bottom	76027.0481	-2227.7649	-880.8577	-29775.1744	907273.652
11F RF	UDCon8	Combination	Max	Top	71971.229	2223.2881	879.2468	29742.791	881231.1004
11F RF	UDCon8	Combination	Max	Bottom	76027.0481	2227.7649	880.8577	29775.1741	929176.3368
11F RF	UDCon8	Combination	Min	Top	71971.229	-2147.8246	-845.7793	-29123.7574	865159.4994
11F RF	UDCon8	Combination	Min	Bottom	76027.0481	-2151.8815	-847.5118	-29166.2263	907061.6278
11F RF	UDCon9	Combination	Max	Top	71971.229	1408.7771	825.0398	26529.7816	880755.7768
11F RF	UDCon9	Combination	Max	Bottom	76027.0481	1411.4501	826.7816	26551.1671	928544.4433
11F RF	UDCon9	Combination	Min	Top	71971.229	-2384.736	-801.056	-24836.904	865591.4588
11F RF	UDCon9	Combination	Min	Bottom	76027.0481	-2389.4058	-802.7653	-24873.223	907683.0958
11F RF	UDCon10	Combination	Max	Top	71971.229	2384.736	801.056	24836.9037	880894.2297
11F RF	UDCon10	Combination	Max	Bottom	76027.0481	2389.4059	802.7653	24873.2227	928766.8931
11F RF	UDCon10	Combination	Min	Top	71971.229	-1408.7771	-825.0398	-26529.7819	865729.9116
11F RF	UDCon10	Combination	Min	Bottom	76027.0481	-1411.4501	-826.7816	-26551.1674	907905.5456
10F RF	Dead	LinStatic		Top	39231.1596	6.682E-06	0	-0.0001	477236.3218
10F RF	Dead	LinStatic		Bottom	40941.4593	6.681E-06	0	-0.0001	496492.7078

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	Live	LinStatic		Top	4634.4467	1.359E-06	0	-1.877E-05	56785.2679
10F RF	Live	LinStatic		Bottom	4668.2611	1.359E-06	0	-1.878E-05	57021.0922
10F RF	FF	LinStatic		Top	24352.3596	2.072E-06	0	-2.832E-05	295142.9818
10F RF	FF	LinStatic		Bottom	25527.4593	2.072E-06	0	-2.833E-05	308018.9678
10F RF	PW	LinStatic		Top	21058.8846	1.339E-06	0	-1.825E-05	253901.0398
10F RF	PW	LinStatic		Bottom	22229.3043	1.339E-06	0	-1.825E-05	266750.8178
10F RF	Earthquake+x	LinStatic		Top	0	-2641.939	3.162E-06	33361.669	-2.747E-05
10F RF	Earthquake+x	LinStatic		Bottom	0	-2646.1372	3.169E-06	33386.6537	-3.85E-05
10F RF	Earthquake+y	LinStatic		Top	0	-7.489E-06	-2641.9389	-43378.3062	29768.9197
10F RF	Earthquake+y	LinStatic		Bottom	0	-7.487E-06	-2646.1371	-43458.8835	39022.6328
10F RF	TH-X Load Case	LinModHist	Max	Top	0	2382.2446	941.6933	32918.2386	11163.3666
10F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2385.8749	943.1924	32955.9551	14638.6232
10F RF	TH-X Load Case	LinModHist	Min	Top	0	-2496.2199	-992.2517	-32981.6107	-10951.3424
10F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-2500.2406	-993.6914	-33008.5303	-14249.7425
10F RF	TH-Y Load Case	LinModHist	Max	Top	0	1585.1763	927.5581	29730.0083	10319.4488
10F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	1587.5557	929.1517	29748.9453	13453.6764
10F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2690.1081	-898.324	-28286.419	-10541.8986
10F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2694.3891	-899.9313	-28321.1457	-13790.9815
10F RF	UDCon1	Combination		Top	114267.245	1.363E-05	1.034E-06	-0.0002	1385478.4634
10F RF	UDCon1	Combination		Bottom	119742.6008	1.362E-05	1.031E-06	-0.0002	1446204.3662
10F RF	UDCon2	Combination		Top	121218.915	1.566E-05	1.096E-06	-0.0002	1470656.3653
10F RF	UDCon2	Combination		Bottom	126744.9924	1.566E-05	1.092E-06	-0.0002	1531736.0046
10F RF	UDCon3	Combination	Max	Top	86032.7377	2382.2446	941.6933	32918.2385	1054479.2903
10F RF	UDCon3	Combination	Max	Bottom	90098.7011	2385.8749	943.1924	32955.955	1103007.4444
10F RF	UDCon3	Combination	Min	Top	86032.7377	-2496.2199	-992.2517	-32981.6108	1032364.5812
10F RF	UDCon3	Combination	Min	Bottom	90098.7011	-2500.2406	-993.6914	-33008.5304	1074119.0786
10F RF	UDCon4	Combination	Max	Top	86032.7377	2496.2199	992.2517	32981.6105	1054267.2661
10F RF	UDCon4	Combination	Max	Bottom	90098.7011	2500.2406	993.6914	33008.5301	1102618.5637
10F RF	UDCon4	Combination	Min	Top	86032.7377	-2382.2446	-941.6933	-32918.2387	1032152.557
10F RF	UDCon4	Combination	Min	Bottom	90098.7011	-2385.8749	-943.1924	-32955.9553	1073730.198
10F RF	UDCon5	Combination	Max	Top	86032.7377	1585.1763	927.5581	29730.0082	1053635.3725
10F RF	UDCon5	Combination	Max	Bottom	90098.7011	1587.5557	929.1517	29748.9452	1101822.4976
10F RF	UDCon5	Combination	Min	Top	86032.7377	-2690.1081	-898.324	-28286.4192	1032774.025
10F RF	UDCon5	Combination	Min	Bottom	90098.7011	-2694.3891	-899.9313	-28321.1458	1074577.8396
10F RF	UDCon6	Combination	Max	Top	86032.7377	2690.1081	898.324	28286.4189	1053857.8223
10F RF	UDCon6	Combination	Max	Bottom	90098.7011	2694.3892	899.9313	28321.1455	1102159.8027
10F RF	UDCon6	Combination	Min	Top	86032.7377	-1585.1763	-927.5581	-29730.0085	1032996.4748
10F RF	UDCon6	Combination	Min	Bottom	90098.7011	-1587.5557	-929.1517	-29748.9455	1074915.1448
10F RF	UDCon7	Combination	Max	Top	84642.4037	2382.2446	941.6933	32918.2385	1037443.7099
10F RF	UDCon7	Combination	Max	Bottom	88698.2228	2385.8749	943.1924	32955.955	1085901.1167
10F RF	UDCon7	Combination	Min	Top	84642.4037	-2496.2199	-992.2517	-32981.6108	1015329.0009
10F RF	UDCon7	Combination	Min	Bottom	88698.2228	-2500.2406	-993.6914	-33008.5304	1057012.751
10F RF	UDCon8	Combination	Max	Top	84642.4037	2496.2199	992.2517	32981.6105	1037231.6857
10F RF	UDCon8	Combination	Max	Bottom	88698.2228	2500.2406	993.6914	33008.5301	1085512.236
10F RF	UDCon8	Combination	Min	Top	84642.4037	-2382.2446	-941.6933	-32918.2387	1015116.9767

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	UDCon8	Combination	Min	Bottom	88698.2228	-2385.8749	-943.1924	-32955.9553	1056623.8703
10F RF	UDCon9	Combination	Max	Top	84642.4037	1585.1763	927.5581	29730.0082	1036599.7921
10F RF	UDCon9	Combination	Max	Bottom	88698.2228	1587.5557	929.1517	29748.9452	1084716.1699
10F RF	UDCon9	Combination	Min	Top	84642.4037	-2690.1081	-898.324	-28286.4192	1015738.4447
10F RF	UDCon9	Combination	Min	Bottom	88698.2228	-2694.3891	-899.9313	-28321.1458	1057471.512
10F RF	UDCon10	Combination	Max	Top	84642.4037	2690.1081	898.324	28286.4189	1036822.2419
10F RF	UDCon10	Combination	Max	Bottom	88698.2228	2694.3892	899.9313	28321.1455	1085053.475
10F RF	UDCon10	Combination	Min	Top	84642.4037	-1585.1763	-927.5581	-29730.0085	1015960.8944
10F RF	UDCon10	Combination	Min	Bottom	88698.2228	-1587.5557	-929.1517	-29748.9455	1057808.8171
9F RF	Dead	LinStatic		Top	45079.9395	7.453E-06	0	-0.0001	548163.8515
9F RF	Dead	LinStatic		Bottom	46790.2392	7.452E-06	0	-0.0001	567420.2375
9F RF	Live	LinStatic		Top	5301.3411	1.56E-06	0	-2.149E-05	64931.1382
9F RF	Live	LinStatic		Bottom	5335.1555	1.56E-06	0	-2.148E-05	65166.9625
9F RF	FF	LinStatic		Top	27999.1395	2.106E-06	0	-2.936E-05	339145.6914
9F RF	FF	LinStatic		Bottom	29174.2392	2.106E-06	0	-2.936E-05	352021.6775
9F RF	PW	LinStatic		Top	24234.4995	1.276E-06	0	-1.801E-05	292008.2994
9F RF	PW	LinStatic		Bottom	25404.9192	1.276E-06	0	-1.801E-05	304858.0775
9F RF	Earthquake+x	LinStatic		Top	0	-2912.4853	3.385E-06	36840.0935	-3.726E-05
9F RF	Earthquake+x	LinStatic		Bottom	0	-2916.2637	3.375E-06	36862.5797	-4.904E-05
9F RF	Earthquake+y	LinStatic		Top	0	-9.76E-06	-2912.4851	-47934.4507	39022.6328
9F RF	Earthquake+y	LinStatic		Bottom	0	-9.758E-06	-2916.2635	-48006.9702	49222.5651
9F RF	TH-X Load Case	LinModHist	Max	Top	0	2575.7469	1023.4357	36268.4124	14638.6232
9F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2578.9614	1024.7061	36301.3362	18470.2229
9F RF	TH-X Load Case	LinModHist	Min	Top	0	-2736.4101	-1094.1413	-35642.6593	-14249.7425
9F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-2739.9613	-1095.4172	-35664.1726	-17833.8635
9F RF	TH-Y Load Case	LinModHist	Max	Top	0	1745.9842	1018.9124	32537.8521	13453.6764
9F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	1748.0953	1020.3619	32554.317	16871.0259
9F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2964.514	-991.0167	-31384.6805	-13790.9815
9F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2968.3936	-992.5066	-31416.6347	-17359.5666
9F RF	UDCon1	Combination		Top	131373.3308	1.463E-05	9.849E-07	-0.0002	1592079.0872
9F RF	UDCon1	Combination		Bottom	136848.6866	1.463E-05	9.881E-07	-0.0002	1652804.99
9F RF	UDCon2	Combination		Top	139325.3425	1.697E-05	1.049E-06	-0.0002	1689475.7945
9F RF	UDCon2	Combination		Bottom	144851.4199	1.697E-05	1.052E-06	-0.0002	1750555.4338
9F RF	UDCon3	Combination	Max	Top	98903.9807	2575.7469	1023.4357	36268.4123	1213435.807
9F RF	UDCon3	Combination	Max	Bottom	102969.9441	2578.9614	1024.7061	36301.336	1262320.3042
9F RF	UDCon3	Combination	Min	Top	98903.9807	-2736.4101	-1094.1413	-35642.6595	1184547.4413
9F RF	UDCon3	Combination	Min	Bottom	102969.9441	-2739.9613	-1095.4172	-35664.1728	1226016.2178
9F RF	UDCon4	Combination	Max	Top	98903.9807	2736.4101	1094.1413	35642.6591	1213046.9264
9F RF	UDCon4	Combination	Max	Bottom	102969.9441	2739.9613	1095.4172	35664.1725	1261683.9449
9F RF	UDCon4	Combination	Min	Top	98903.9807	-2575.7469	-1023.4357	-36268.4126	1184158.5606
9F RF	UDCon4	Combination	Min	Bottom	102969.9441	-2578.9614	-1024.7061	-36301.3363	1225379.8584
9F RF	UDCon5	Combination	Max	Top	98903.9807	1745.9842	1018.9124	32537.852	1212250.8602
9F RF	UDCon5	Combination	Max	Bottom	102969.9441	1748.0953	1020.3619	32554.3169	1260721.1072
9F RF	UDCon5	Combination	Min	Top	98903.9807	-2964.514	-991.0167	-31384.6806	1185006.2023
9F RF	UDCon5	Combination	Min	Bottom	102969.9441	-2968.3936	-992.5066	-31416.6348	1226490.5147

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	UDCon6	Combination	Max	Top	98903.9807	2964.514	991.0167	31384.6803	1212588.1654
9F RF	UDCon6	Combination	Max	Bottom	102969.9441	2968.3936	992.5066	31416.6345	1261209.648
9F RF	UDCon6	Combination	Min	Top	98903.9807	-1745.9841	-1018.9124	-32537.8523	1185343.5074
9F RF	UDCon6	Combination	Min	Bottom	102969.9441	-1748.0953	-1020.3619	-32554.3172	1226979.0554
9F RF	UDCon7	Combination	Max	Top	97313.5784	2575.7469	1023.4357	36268.4123	1193956.4655
9F RF	UDCon7	Combination	Max	Bottom	101369.3975	2578.9614	1024.7061	36301.336	1242770.2155
9F RF	UDCon7	Combination	Min	Top	97313.5784	-2736.4101	-1094.1413	-35642.6595	1165068.0998
9F RF	UDCon7	Combination	Min	Bottom	101369.3975	-2739.9613	-1095.4172	-35664.1728	1206466.129
9F RF	UDCon8	Combination	Max	Top	97313.5784	2736.4101	1094.1413	35642.6592	1193567.5849
9F RF	UDCon8	Combination	Max	Bottom	101369.3975	2739.9613	1095.4172	35664.1725	1242133.8561
9F RF	UDCon8	Combination	Min	Top	97313.5784	-2575.7469	-1023.4357	-36268.4126	1164679.2192
9F RF	UDCon8	Combination	Min	Bottom	101369.3975	-2578.9614	-1024.7061	-36301.3363	1205829.7697
9F RF	UDCon9	Combination	Max	Top	97313.5784	1745.9842	1018.9124	32537.852	1192771.5188
9F RF	UDCon9	Combination	Max	Bottom	101369.3975	1748.0953	1020.3619	32554.3169	1241171.0185
9F RF	UDCon9	Combination	Min	Top	97313.5784	-2964.514	-991.0167	-31384.6806	1165526.8608
9F RF	UDCon9	Combination	Min	Bottom	101369.3975	-2968.3936	-992.5066	-31416.6348	1206940.4259
9F RF	UDCon10	Combination	Max	Top	97313.5784	2964.514	991.0167	31384.6803	1193108.8239
9F RF	UDCon10	Combination	Max	Bottom	101369.3975	2968.3936	992.5066	31416.6345	1241659.5592
9F RF	UDCon10	Combination	Min	Top	97313.5784	-1745.9841	-1018.9124	-32537.8523	1165864.1659
9F RF	UDCon10	Combination	Min	Bottom	101369.3975	-1748.0953	-1020.3619	-32554.3172	1207428.9667
8F RF	Dead	LinStatic		Top	50928.7194	7.447E-06	0	-0.0001	619091.3811
8F RF	Dead	LinStatic		Bottom	52639.0191	7.447E-06	0	-0.0001	638347.7672
8F RF	Live	LinStatic		Top	5968.2355	1.554E-06	0	-2.161E-05	73077.0085
8F RF	Live	LinStatic		Bottom	6002.05	1.554E-06	0	-2.163E-05	73312.8329
8F RF	FF	LinStatic		Top	31645.9194	2.123E-06	0	-3.055E-05	383148.4011
8F RF	FF	LinStatic		Bottom	32821.0191	2.123E-06	0	-3.062E-05	396024.3872
8F RF	PW	LinStatic		Top	27410.1144	1.296E-06	0	-1.905E-05	330115.5591
8F RF	PW	LinStatic		Bottom	28580.5341	1.296E-06	0	-1.911E-05	342965.3372
8F RF	Earthquake+x	LinStatic		Top	0	-3153.0175	2.153E-06	39932.3035	-4.866E-05
8F RF	Earthquake+x	LinStatic		Bottom	0	-3156.3761	2.158E-06	39952.2912	-0.0001
8F RF	Earthquake+y	LinStatic		Top	0	-9.514E-06	-3153.0174	-51985.2523	49222.5651
8F RF	Earthquake+y	LinStatic		Bottom	0	-9.51E-06	-3156.3759	-52049.7142	60263.6675
8F RF	TH-X Load Case	LinModHist	Max	Top	0	2730.0608	1100.5236	39174.8032	18470.2229
8F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2732.8845	1101.979	39203.0637	22621.073
8F RF	TH-X Load Case	LinModHist	Min	Top	0	-2942.7426	-1185.4282	-37733.5291	-17833.8635
8F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-2945.8042	-1186.5503	-37749.7782	-21656.0514
8F RF	TH-Y Load Case	LinModHist	Max	Top	0	1893.2286	1099.5756	36149.981	16871.0259
8F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	1895.0969	1100.8862	36189.4736	20528.385
8F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3206.9999	-1074.0042	-34070.3736	-17359.5666
8F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3210.4577	-1075.38	-34099.2097	-21210.2436
8F RF	UDCon1	Combination		Top	148479.4167	1.467E-05	8.175E-07	-0.0002	1798679.7109
8F RF	UDCon1	Combination		Bottom	153954.7724	1.467E-05	7.985E-07	-0.0002	1859405.6137
8F RF	UDCon2	Combination		Top	157431.77	1.7E-05	8.61E-07	-0.0002	1908295.2237
8F RF	UDCon2	Combination		Bottom	162957.8474	1.7E-05	8.406E-07	-0.0002	1969374.863
8F RF	UDCon3	Combination	Max	Top	111775.2237	2730.0608	1100.5236	39174.8031	1372748.6669

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	UDCon3	Combination	Max	Bottom	115841.1871	2732.8845	1101.979	39203.0635	1421952.4145
8F RF	UDCon3	Combination	Min	Top	111775.2237	-2942.7426	-1185.4282	-37733.5293	1336444.5804
8F RF	UDCon3	Combination	Min	Bottom	115841.1871	-2945.8041	-1186.5503	-37749.7783	1377675.2901
8F RF	UDCon4	Combination	Max	Top	111775.2237	2942.7426	1185.4282	37733.5289	1372112.3075
8F RF	UDCon4	Combination	Max	Bottom	115841.1871	2945.8042	1186.5503	37749.778	1420987.3929
8F RF	UDCon4	Combination	Min	Top	111775.2237	-2730.0608	-1100.5236	-39174.8034	1335808.2211
8F RF	UDCon4	Combination	Min	Bottom	115841.1871	-2732.8844	-1101.979	-39203.0638	1376710.2684
8F RF	UDCon5	Combination	Max	Top	111775.2237	1893.2287	1099.5756	36149.9808	1371149.4699
8F RF	UDCon5	Combination	Max	Bottom	115841.1871	1895.0969	1100.8862	36189.4735	1419859.7265
8F RF	UDCon5	Combination	Min	Top	111775.2237	-3206.9999	-1074.0042	-34070.3737	1336918.8773
8F RF	UDCon5	Combination	Min	Bottom	115841.1871	-3210.4576	-1075.38	-34099.2099	1378121.0978
8F RF	UDCon6	Combination	Max	Top	111775.2237	3206.9999	1074.0042	34070.3734	1371638.0106
8F RF	UDCon6	Combination	Max	Bottom	115841.1871	3210.4577	1075.38	34099.2095	1420541.5851
8F RF	UDCon6	Combination	Min	Top	111775.2237	-1893.2286	-1099.5756	-36149.9811	1337407.4181
8F RF	UDCon6	Combination	Min	Bottom	115841.1871	-1895.0969	-1100.8862	-36189.4738	1378802.9565
8F RF	UDCon7	Combination	Max	Top	109984.7531	2730.0608	1100.5236	39174.8031	1350825.5643
8F RF	UDCon7	Combination	Max	Bottom	114040.5722	2732.8845	1101.979	39203.0635	1399958.5647
8F RF	UDCon7	Combination	Min	Top	109984.7531	-2942.7426	-1185.4282	-37733.5292	1314521.4779
8F RF	UDCon7	Combination	Min	Bottom	114040.5722	-2945.8041	-1186.5503	-37749.7783	1355681.4402
8F RF	UDCon8	Combination	Max	Top	109984.7531	2942.7426	1185.4282	37733.5289	1350189.205
8F RF	UDCon8	Combination	Max	Bottom	114040.5722	2945.8042	1186.5503	37749.778	1398993.5431
8F RF	UDCon8	Combination	Min	Top	109984.7531	-2730.0608	-1100.5236	-39174.8034	1313885.1185
8F RF	UDCon8	Combination	Min	Bottom	114040.5722	-2732.8844	-1101.979	-39203.0638	1354716.4186
8F RF	UDCon9	Combination	Max	Top	109984.7531	1893.2287	1099.5756	36149.9808	1349226.3673
8F RF	UDCon9	Combination	Max	Bottom	114040.5722	1895.0969	1100.8862	36189.4735	1397865.8766
8F RF	UDCon9	Combination	Min	Top	109984.7531	-3206.9999	-1074.0042	-34070.3737	1314995.7748
8F RF	UDCon9	Combination	Min	Bottom	114040.5722	-3210.4576	-1075.38	-34099.2099	1356127.248
8F RF	UDCon10	Combination	Max	Top	109984.7531	3206.9999	1074.0042	34070.3734	1349714.9081
8F RF	UDCon10	Combination	Max	Bottom	114040.5722	3210.4577	1075.38	34099.2095	1398547.7353
8F RF	UDCon10	Combination	Min	Top	109984.7531	-1893.2286	-1099.5756	-36149.9811	1315484.3155
8F RF	UDCon10	Combination	Min	Bottom	114040.5722	-1895.0969	-1100.8862	-36189.4738	1356809.1066
7F RF	Dead	LinStatic		Top	56777.4993	7.538E-06	0	-0.0001	690018.9108
7F RF	Dead	LinStatic		Bottom	58487.7989	7.537E-06	0	-0.0001	709275.2969
7F RF	Live	LinStatic		Top	6635.13	1.601E-06	0	-2.226E-05	81222.8789
7F RF	Live	LinStatic		Bottom	6668.9444	1.601E-06	0	-2.222E-05	81458.7032
7F RF	FF	LinStatic		Top	35292.6993	2.025E-06	0	-2.96E-05	427151.1108
7F RF	FF	LinStatic		Bottom	36467.7989	2.025E-06	0	-2.927E-05	440027.0969
7F RF	PW	LinStatic		Top	30585.7293	1.179E-06	0	-1.789E-05	368222.8188
7F RF	PW	LinStatic		Bottom	31756.1489	1.179E-06	0	-1.758E-05	381072.5969
7F RF	Earthquake+x	LinStatic		Top	0	-3363.5357	4.201E-06	42638.2998	-0.0001
7F RF	Earthquake+x	LinStatic		Bottom	0	-3366.4745	4.218E-06	42655.789	-0.0001
7F RF	Earthquake+y	LinStatic		Top	0	-1.077E-05	-3363.5355	-55530.7108	60263.6675
7F RF	Earthquake+y	LinStatic		Bottom	-5.427E-07	-1.077E-05	-3366.4743	-55587.1149	72040.8908
7F RF	TH-X Load Case	LinModHist	Max	Top	0	2848.0842	1205.8802	41662.0663	22621.073
7F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2850.5548	1207.6056	41685.9659	27056.7006

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	TH-X Load Case	LinModHist	Min	Top	0	-3113.6104	-1275.3088	-39272.0263	-21656.0514
7F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-3116.1595	-1276.6261	-39283.2389	-25671.1475
7F RF	TH-Y Load Case	LinModHist	Max	Top	0	2127.771	1170.1408	40121.2626	20528.385
7F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2131.5882	1171.3193	40158.2634	24497.2621
7F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3416.0921	-1147.669	-36286.5953	-21210.2436
7F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3419.1039	-1148.9355	-36311.9992	-25307.681
7F RF	UDCon1	Combination		Top	165585.5025	1.45E-05	9.824E-07	-0.0002	2005280.3347
7F RF	UDCon1	Combination		Bottom	171060.8582	1.45E-05	1.063E-06	-0.0002	2066006.2375
7F RF	UDCon2	Combination		Top	175538.1975	1.69E-05	1.044E-06	-0.0002	2127114.653
7F RF	UDCon2	Combination		Bottom	181064.2749	1.69E-05	1.128E-06	-0.0002	2188194.2922
7F RF	UDCon3	Combination	Max	Top	124646.4668	2848.0842	1205.8802	41662.0661	1532380.7772
7F RF	UDCon3	Combination	Max	Bottom	128712.4302	2850.5549	1207.6056	41685.9658	1581869.3022
7F RF	UDCon3	Combination	Min	Top	124646.4668	-3113.6104	-1275.3088	-39272.0264	1488103.6527
7F RF	UDCon3	Combination	Min	Bottom	128712.4302	-3116.1595	-1276.6261	-39283.2391	1529141.4542
7F RF	UDCon4	Combination	Max	Top	124646.4668	3113.6104	1275.3088	39272.0261	1531415.7556
7F RF	UDCon4	Combination	Max	Bottom	128712.4302	3116.1595	1276.6261	39283.2387	1580483.7491
7F RF	UDCon4	Combination	Min	Top	124646.4668	-2848.0842	-1205.8802	-41662.0665	1487138.6311
7F RF	UDCon4	Combination	Min	Bottom	128712.4302	-2850.5548	-1207.6056	-41685.9661	1527755.9011
7F RF	UDCon5	Combination	Max	Top	124646.4668	2127.771	1170.1408	40121.2624	1530288.0892
7F RF	UDCon5	Combination	Max	Bottom	128712.4302	2131.5882	1171.3193	40158.2632	1579309.8638
7F RF	UDCon5	Combination	Min	Top	124646.4668	-3416.092	-1147.669	-36286.5954	1488549.4605
7F RF	UDCon5	Combination	Min	Bottom	128712.4302	-3419.1039	-1148.9355	-36311.9993	1529504.9207
7F RF	UDCon6	Combination	Max	Top	124646.4668	3416.0921	1147.669	36286.5951	1530969.9478
7F RF	UDCon6	Combination	Max	Bottom	128712.4302	3419.1039	1148.9355	36311.999	1580120.2826
7F RF	UDCon6	Combination	Min	Top	124646.4668	-2127.771	-1170.1408	-40121.2627	1489231.3191
7F RF	UDCon6	Combination	Min	Bottom	128712.4302	-2131.5882	-1171.3193	-40158.2635	1530315.3395
7F RF	UDCon7	Combination	Max	Top	122655.9278	2848.0842	1205.8802	41662.0662	1508013.9135
7F RF	UDCon7	Combination	Max	Bottom	126711.7468	2850.5549	1207.6056	41685.9658	1557431.6913
7F RF	UDCon7	Combination	Min	Top	122655.9278	-3113.6104	-1275.3088	-39272.0264	1463736.7891
7F RF	UDCon7	Combination	Min	Bottom	126711.7468	-3116.1595	-1276.6261	-39283.2391	1504703.8433
7F RF	UDCon8	Combination	Max	Top	122655.9278	3113.6104	1275.3088	39272.0261	1507048.8919
7F RF	UDCon8	Combination	Max	Bottom	126711.7468	3116.1595	1276.6261	39283.2388	1556046.1382
7F RF	UDCon8	Combination	Min	Top	122655.9278	-2848.0842	-1205.8802	-41662.0665	1462771.7675
7F RF	UDCon8	Combination	Min	Bottom	126711.7468	-2850.5548	-1207.6056	-41685.9661	1503318.2901
7F RF	UDCon9	Combination	Max	Top	122655.9278	2127.771	1170.1408	40121.2624	1505921.2255
7F RF	UDCon9	Combination	Max	Bottom	126711.7468	2131.5882	1171.3193	40158.2632	1554872.2528
7F RF	UDCon9	Combination	Min	Top	122655.9278	-3416.092	-1147.669	-36286.5954	1464182.5968
7F RF	UDCon9	Combination	Min	Bottom	126711.7468	-3419.1039	-1148.9355	-36311.9993	1505067.3097
7F RF	UDCon10	Combination	Max	Top	122655.9278	3416.0921	1147.669	36286.5951	1506603.0841
7F RF	UDCon10	Combination	Max	Bottom	126711.7468	3419.1039	1148.9355	36311.999	1555682.6717
7F RF	UDCon10	Combination	Min	Top	122655.9278	-2127.771	-1170.1408	-40121.2627	1464864.4555
7F RF	UDCon10	Combination	Min	Bottom	126711.7468	-2131.5882	-1171.3193	-40158.2635	1505877.7286
6F RF	Dead	LinStatic		Top	62626.2792	7.38E-06	0	-0.0001	760946.4405
6F RF	Dead	LinStatic		Bottom	64336.5788	7.38E-06	0	-0.0001	780202.8266
6F RF	Live	LinStatic		Top	7302.0244	1.56E-06	0	-2.17E-05	89368.7492

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	Live	LinStatic		Bottom	7335.8389	1.56E-06	0	-2.17E-05	89604.5735
6F RF	FF	LinStatic		Top	38939.4791	2.041E-06	0	-2.896E-05	471153.8205
6F RF	FF	LinStatic		Bottom	40114.5788	2.041E-06	0	-2.894E-05	484029.8066
6F RF	PW	LinStatic		Top	33761.3441	1.212E-06	0	-1.754E-05	406330.0785
6F RF	PW	LinStatic		Bottom	34931.7638	1.213E-06	0	-1.751E-05	419179.8566
6F RF	Earthquake+x	LinStatic		Top	0	-3544.0398	5.331E-06	44958.0818	-0.0001
6F RF	Earthquake+x	LinStatic		Bottom	0	-3546.5587	5.345E-06	44973.0726	-0.0001
6F RF	Earthquake+y	LinStatic		Top	-7.916E-07	-1.075E-05	-3544.0397	-58570.8264	72040.8908
6F RF	Earthquake+y	LinStatic		Bottom	-6.906E-07	-1.075E-05	-3546.5586	-58619.1727	84449.1859
6F RF	TH-X Load Case	LinModHist	Max	Top	0	2933.6498	1322.7465	43775.5983	27056.7006
6F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2935.814	1324.4838	43795.5805	31745.8744
6F RF	TH-X Load Case	LinModHist	Min	Top	0	-3247.3524	-1366.6419	-40286.3252	-25671.1475
6F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-3249.3713	-1367.8486	-40292.8127	-29836.9991
6F RF	TH-Y Load Case	LinModHist	Max	Top	0	2362.5032	1231.3119	43946.0568	24497.2621
6F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2366.0984	1232.3663	43982.3133	28742.9787
6F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3590.1926	-1212.5138	-37986.9397	-25307.681
6F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3592.7377	-1213.6764	-38008.6823	-29619.0124
6F RF	UDCon1	Combination		Top	182691.5883	1.435E-05	1.081E-06	-0.0002	2211880.9584
6F RF	UDCon1	Combination		Bottom	188166.9441	1.435E-05	1.083E-06	-0.0002	2272606.8612
6F RF	UDCon2	Combination		Top	193644.6249	1.669E-05	1.153E-06	-0.0002	2345934.0822
6F RF	UDCon2	Combination		Bottom	199170.7023	1.669E-05	1.155E-06	-0.0002	2407013.7214
6F RF	UDCon3	Combination	Max	Top	137517.7098	2933.6498	1322.7465	43775.5981	1692297.6649
6F RF	UDCon3	Combination	Max	Bottom	141583.6732	2935.814	1324.4838	43795.5804	1742039.7362
6F RF	UDCon3	Combination	Min	Top	137517.7098	-3247.3524	-1366.6419	-40286.3254	1639569.8168
6F RF	UDCon3	Combination	Min	Bottom	141583.6732	-3249.3713	-1367.8486	-40292.8128	1680456.8627
6F RF	UDCon4	Combination	Max	Top	137517.7098	3247.3524	1366.6419	40286.3251	1690912.1118
6F RF	UDCon4	Combination	Max	Bottom	141583.6732	3249.3713	1367.8486	40292.8125	1740130.8609
6F RF	UDCon4	Combination	Min	Top	137517.7098	-2933.6498	-1322.7465	-43775.5984	1638184.2637
6F RF	UDCon4	Combination	Min	Bottom	141583.6732	-2935.814	-1324.4838	-43795.5807	1678547.9875
6F RF	UDCon5	Combination	Max	Top	137517.7098	2362.5032	1231.3119	43946.0566	1689738.2264
6F RF	UDCon5	Combination	Max	Bottom	141583.6732	2366.0984	1232.3663	43982.3131	1739036.8405
6F RF	UDCon5	Combination	Min	Top	137517.7098	-3590.1926	-1212.5138	-37986.9398	1639933.2833
6F RF	UDCon5	Combination	Min	Bottom	141583.6732	-3592.7377	-1213.6764	-38008.6824	1680674.8494
6F RF	UDCon6	Combination	Max	Top	137517.7098	3590.1927	1212.5138	37986.9395	1690548.6453
6F RF	UDCon6	Combination	Max	Bottom	141583.6732	3592.7377	1213.6764	38008.6821	1739912.8742
6F RF	UDCon6	Combination	Min	Top	137517.7098	-2362.5031	-1231.3119	-43946.0569	1640743.7022
6F RF	UDCon6	Combination	Min	Bottom	141583.6732	-2366.0984	-1232.3663	-43982.3134	1681550.8831
6F RF	UDCon7	Combination	Max	Top	135327.1024	2933.6498	1322.7465	43775.5981	1665487.0401
6F RF	UDCon7	Combination	Max	Bottom	139382.9215	2935.814	1324.4838	43795.5804	1715158.3641
6F RF	UDCon7	Combination	Min	Top	135327.1024	-3247.3524	-1366.6419	-40286.3254	1612759.1921
6F RF	UDCon7	Combination	Min	Bottom	139382.9215	-3249.3713	-1367.8486	-40292.8128	1653575.4907
6F RF	UDCon8	Combination	Max	Top	135327.1024	3247.3524	1366.6419	40286.3251	1664101.487
6F RF	UDCon8	Combination	Max	Bottom	139382.9215	3249.3713	1367.8486	40292.8125	1713249.4889
6F RF	UDCon8	Combination	Min	Top	135327.1024	-2933.6498	-1322.7465	-43775.5984	1611373.639
6F RF	UDCon8	Combination	Min	Bottom	139382.9215	-2935.814	-1324.4838	-43795.5807	1651666.6154

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	UDCon9	Combination	Max	Top	135327.1024	2362.5032	1231.3119	43946.0566	1662927.6017
6F RF	UDCon9	Combination	Max	Bottom	139382.9215	2366.0984	1232.3663	43982.3131	1712155.4685
6F RF	UDCon9	Combination	Min	Top	135327.1024	-3590.1926	-1212.5138	-37986.9398	1613122.6586
6F RF	UDCon9	Combination	Min	Bottom	139382.9215	-3592.7377	-1213.6764	-38008.6824	1653793.4774
6F RF	UDCon10	Combination	Max	Top	135327.1024	3590.1927	1212.5138	37986.9395	1663738.0205
6F RF	UDCon10	Combination	Max	Bottom	139382.9215	3592.7377	1213.6764	38008.6821	1713031.5022
6F RF	UDCon10	Combination	Min	Top	135327.1024	-2362.5031	-1231.3119	-43946.0569	1613933.0774
6F RF	UDCon10	Combination	Min	Bottom	139382.9215	-2366.0984	-1232.3663	-43982.3134	1654669.5111
5F RF	Dead	LinStatic		Top	68475.059	7.395E-06	0	-0.0001	831873.9702
5F RF	Dead	LinStatic		Bottom	70185.3587	7.395E-06	0	-0.0001	851130.3563
5F RF	Live	LinStatic		Top	7968.9189	1.561E-06	0	-2.162E-05	97514.6195
5F RF	Live	LinStatic		Bottom	8002.7333	1.561E-06	0	-2.162E-05	97750.4438
5F RF	FF	LinStatic		Top	42586.259	2.051E-06	0	-2.843E-05	515156.5302
5F RF	FF	LinStatic		Bottom	43761.3587	2.051E-06	0	-2.839E-05	528032.5163
5F RF	PW	LinStatic		Top	36936.959	1.222E-06	0	-1.705E-05	444437.3382
5F RF	PW	LinStatic		Bottom	38107.3787	1.222E-06	0	-1.702E-05	457287.1163
5F RF	Earthquake+x	LinStatic		Top	0	-3694.5299	6.886E-06	46891.65	-0.0001
5F RF	Earthquake+x	LinStatic		Bottom	0	-3696.629	6.885E-06	46904.1423	-0.0001
5F RF	Earthquake+y	LinStatic		Top	-7.801E-07	-1.063E-05	-3694.5297	-61105.599	84449.1859
5F RF	Earthquake+y	LinStatic		Bottom	-7.276E-07	-1.063E-05	-3696.6288	-61145.8876	97383.5034
5F RF	TH-X Load Case	LinModHist	Max	Top	0	2991.1563	1436.3117	45573.4738	31745.8744
5F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2993.0644	1438.0519	45590.0682	36660.99
5F RF	TH-X Load Case	LinModHist	Min	Top	0	-3342.895	-1450.3427	-41773.88	-29836.9991
5F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-3344.3799	-1451.4426	-41806.1609	-34114.8902
5F RF	TH-Y Load Case	LinModHist	Max	Top	0	2578.4799	1284.9867	47791.6366	28742.9787
5F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2581.7933	1285.8074	47826.023	33186.6663
5F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3728.1782	-1269.1226	-39144.0605	-29619.0124
5F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3730.2475	-1270.1883	-39162.0423	-34114.0876
5F RF	UDCon1	Combination		Top	199797.6741	1.44E-05	1.314E-06	-0.0002	2418481.5822
5F RF	UDCon1	Combination		Bottom	205273.0299	1.44E-05	1.323E-06	-0.0002	2479207.485
5F RF	UDCon2	Combination		Top	211751.0524	1.674E-05	1.397E-06	-0.0002	2564753.5114
5F RF	UDCon2	Combination		Bottom	217277.1298	1.674E-05	1.406E-06	-0.0002	2625833.1507
5F RF	UDCon3	Combination	Max	Top	150388.9528	2991.1563	1436.3117	45573.4736	1852468.0988
5F RF	UDCon3	Combination	Max	Bottom	154454.9162	2993.0644	1438.0519	45590.068	1902436.112
5F RF	UDCon3	Combination	Min	Top	150388.9528	-3342.8949	-1450.3427	-41773.8801	1790885.2254
5F RF	UDCon3	Combination	Min	Bottom	154454.9162	-3344.3799	-1451.4426	-41806.1611	1831660.2318
5F RF	UDCon4	Combination	Max	Top	150388.9528	3342.895	1450.3427	41773.8798	1850559.2236
5F RF	UDCon4	Combination	Max	Bottom	154454.9162	3344.3799	1451.4426	41806.1608	1899890.0122
5F RF	UDCon4	Combination	Min	Top	150388.9528	-2991.1563	-1436.3117	-45573.4739	1788976.3501
5F RF	UDCon4	Combination	Min	Bottom	154454.9162	-2993.0644	-1438.0519	-45590.0683	1829114.132
5F RF	UDCon5	Combination	Max	Top	150388.9528	2578.48	1284.9867	47791.6364	1849465.2032
5F RF	UDCon5	Combination	Max	Bottom	154454.9162	2581.7933	1285.8074	47826.0229	1898961.7883
5F RF	UDCon5	Combination	Min	Top	150388.9528	-3728.1782	-1269.1226	-39144.0607	1791103.2121
5F RF	UDCon5	Combination	Min	Bottom	154454.9162	-3730.2475	-1270.1883	-39162.0425	1831661.0344
5F RF	UDCon6	Combination	Max	Top	150388.9528	3728.1782	1269.1226	39144.0604	1850341.2369

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	UDCon6	Combination	Max	Bottom	154454.9162	3730.2475	1270.1883	39162.0422	1899889.2096
5F RF	UDCon6	Combination	Min	Top	150388.9528	-2578.4799	-1284.9867	-47791.6367	1791979.2458
5F RF	UDCon6	Combination	Min	Bottom	154454.9162	-2581.7933	-1285.8074	-47826.0232	1832588.4557
5F RF	UDCon7	Combination	Max	Top	147998.2771	2991.1563	1436.3117	45573.4736	1823213.713
5F RF	UDCon7	Combination	Max	Bottom	152054.0962	2993.0644	1438.0519	45590.068	1873110.9789
5F RF	UDCon7	Combination	Min	Top	147998.2771	-3342.8949	-1450.3427	-41773.8801	1761630.8395
5F RF	UDCon7	Combination	Min	Bottom	152054.0962	-3344.3799	-1451.4426	-41806.1611	1802335.0987
5F RF	UDCon8	Combination	Max	Top	147998.2771	3342.895	1450.3427	41773.8798	1821304.8378
5F RF	UDCon8	Combination	Max	Bottom	152054.0962	3344.3799	1451.4426	41806.1608	1870564.879
5F RF	UDCon8	Combination	Min	Top	147998.2771	-2991.1563	-1436.3117	-45573.4739	1759721.9643
5F RF	UDCon8	Combination	Min	Bottom	152054.0962	-2993.0644	-1438.0519	-45590.0683	1799788.9988
5F RF	UDCon9	Combination	Max	Top	147998.2771	2578.48	1284.9867	47791.6364	1820210.8174
5F RF	UDCon9	Combination	Max	Bottom	152054.0962	2581.7933	1285.8074	47826.0229	1869636.6551
5F RF	UDCon9	Combination	Min	Top	147998.2771	-3728.1782	-1269.1226	-39144.0607	1761848.8262
5F RF	UDCon9	Combination	Min	Bottom	152054.0962	-3730.2475	-1270.1883	-39162.0425	1802335.9013
5F RF	UDCon10	Combination	Max	Top	147998.2771	3728.1782	1269.1226	39144.0604	1821086.851
5F RF	UDCon10	Combination	Max	Bottom	152054.0962	3730.2475	1270.1883	39162.0422	1870564.0765
5F RF	UDCon10	Combination	Min	Top	147998.2771	-2578.4799	-1284.9867	-47791.6367	1762724.8599
5F RF	UDCon10	Combination	Min	Bottom	152054.0962	-2581.7933	-1285.8074	-47826.0232	1803263.3226
4F RF	Dead	LinStatic		Top	74323.8389	7.461E-06	0	-0.0001	902801.4999
4F RF	Dead	LinStatic		Bottom	76034.1386	7.461E-06	0	-0.0001	922057.886
4F RF	Live	LinStatic		Top	8635.8133	1.563E-06	0	-2.172E-05	105660.4898
4F RF	Live	LinStatic		Bottom	8669.6277	1.563E-06	0	-2.171E-05	105896.3141
4F RF	FF	LinStatic		Top	46233.0389	2.115E-06	0	-2.97E-05	559159.2399
4F RF	FF	LinStatic		Bottom	47408.1386	2.115E-06	0	-2.958E-05	572035.226
4F RF	PW	LinStatic		Top	40112.5739	1.283E-06	0	-1.822E-05	482544.5979
4F RF	PW	LinStatic		Bottom	41282.9936	1.283E-06	0	-1.81E-05	495394.376
4F RF	Earthquake+x	LinStatic		Top	0	-3815.0059	6.396E-06	48439.0042	-0.0001
4F RF	Earthquake+x	LinStatic		Bottom	0	-3816.6852	6.409E-06	48448.998	-0.0001
4F RF	Earthquake+y	LinStatic		Top	-6.497E-07	-9.926E-06	-3815.0058	-63135.0287	97383.5034
4F RF	Earthquake+y	LinStatic		Bottom	-5.104E-07	-9.926E-06	-3816.685	-63167.2596	110738.7944
4F RF	TH-X Load Case	LinModHist	Max	Top	0	3038.7506	1548.1481	47116.6154	36660.99
4F RF	TH-X Load Case	LinModHist	Max	Bottom	0	3040.8731	1550.043	47130.3619	41778.103
4F RF	TH-X Load Case	LinModHist	Min	Top	0	-3400.4201	-1526.5081	-45940.7926	-34114.8902
4F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-3401.3887	-1527.5063	-45971.2871	-38763.252
4F RF	TH-Y Load Case	LinModHist	Max	Top	0	2772.2592	1333.2989	51526.1999	33186.6663
4F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2775.2572	1334.0068	51558.692	37801.9463
4F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3830.0362	-1344.2462	-42322.8879	-34114.0876
4F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3831.6401	-1345.8625	-42352.174	-38765.7569
4F RF	UDCon1	Combination		Top	216903.76	1.466E-05	1.414E-06	-0.0002	2625082.2059
4F RF	UDCon1	Combination		Bottom	222379.1157	1.466E-05	1.442E-06	-0.0002	2685808.1087
4F RF	UDCon2	Combination		Top	229857.4799	1.701E-05	1.498E-06	-0.0002	2783572.9406
4F RF	UDCon2	Combination		Bottom	235383.5573	1.7E-05	1.527E-06	-0.0002	2844652.5799
4F RF	UDCon3	Combination	Max	Top	163260.1958	3038.7506	1548.1481	47116.6152	2012864.4747
4F RF	UDCon3	Combination	Max	Bottom	167326.1592	3040.8731	1550.043	47130.3617	2063034.4852

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	UDCon3	Combination	Min	Top	163260.1958	-3400.4201	-1526.5081	-45940.7927	1942088.5945
4F RF	UDCon3	Combination	Min	Bottom	167326.1592	-3401.3887	-1527.5063	-45971.2872	1982493.1302
4F RF	UDCon4	Combination	Max	Top	163260.1958	3400.4201	1526.5081	45940.7924	2010318.3748
4F RF	UDCon4	Combination	Max	Bottom	167326.1592	3401.3888	1527.5063	45971.2869	2060019.6342
4F RF	UDCon4	Combination	Min	Top	163260.1958	-3038.7506	-1548.1481	-47116.6155	1939542.4946
4F RF	UDCon4	Combination	Min	Bottom	167326.1592	-3040.8731	-1550.043	-47130.362	1979478.2792
4F RF	UDCon5	Combination	Max	Top	163260.1958	2772.2593	1333.2989	51526.1998	2009390.1509
4F RF	UDCon5	Combination	Max	Bottom	167326.1592	2775.2572	1334.0068	51558.6918	2059058.3284
4F RF	UDCon5	Combination	Min	Top	163260.1958	-3830.0362	-1344.2462	-42322.888	1942089.3971
4F RF	UDCon5	Combination	Min	Bottom	167326.1592	-3831.64	-1345.8625	-42352.1742	1982490.6253
4F RF	UDCon6	Combination	Max	Top	163260.1958	3830.0362	1344.2462	42322.8877	2010317.5722
4F RF	UDCon6	Combination	Max	Bottom	167326.1592	3831.6401	1345.8625	42352.1738	2060022.139
4F RF	UDCon6	Combination	Min	Top	163260.1958	-2772.2592	-1333.2989	-51526.2001	1943016.8184
4F RF	UDCon6	Combination	Min	Bottom	167326.1592	-2775.2572	-1334.0068	-51558.6921	1983454.4359
4F RF	UDCon7	Combination	Max	Top	160669.4518	3038.7506	1548.1481	47116.6152	1981166.3277
4F RF	UDCon7	Combination	Max	Bottom	164725.2709	3040.8731	1550.043	47130.3617	2031265.5909
4F RF	UDCon7	Combination	Min	Top	160669.4518	-3400.4201	-1526.5081	-45940.7927	1910390.4476
4F RF	UDCon7	Combination	Min	Bottom	164725.2709	-3401.3887	-1527.5063	-45971.2872	1950724.2359
4F RF	UDCon8	Combination	Max	Top	160669.4518	3400.4201	1526.5081	45940.7924	1978620.2279
4F RF	UDCon8	Combination	Max	Bottom	164725.2709	3401.3888	1527.5063	45971.2869	2028250.7399
4F RF	UDCon8	Combination	Min	Top	160669.4518	-3038.7506	-1548.1481	-47116.6155	1907844.3477
4F RF	UDCon8	Combination	Min	Bottom	164725.2709	-3040.8731	-1550.043	-47130.362	1947709.3849
4F RF	UDCon9	Combination	Max	Top	160669.4518	2772.2593	1333.2989	51526.1998	1977692.004
4F RF	UDCon9	Combination	Max	Bottom	164725.2709	2775.2572	1334.0068	51558.6918	2027289.4342
4F RF	UDCon9	Combination	Min	Top	160669.4518	-3830.0362	-1344.2462	-42322.888	1910391.2501
4F RF	UDCon9	Combination	Min	Bottom	164725.2709	-3831.64	-1345.8625	-42352.1742	1950721.7311
4F RF	UDCon10	Combination	Max	Top	160669.4518	3830.0362	1344.2462	42322.8877	1978619.4253
4F RF	UDCon10	Combination	Max	Bottom	164725.2709	3831.6401	1345.8625	42352.1738	2028253.2448
4F RF	UDCon10	Combination	Min	Top	160669.4518	-2772.2592	-1333.2989	-51526.2001	1911318.6715
4F RF	UDCon10	Combination	Min	Bottom	164725.2709	-2775.2572	-1334.0068	-51558.6921	1951685.5417
3F RF	Dead	LinStatic		Top	80172.6188	7.431E-06	5.24E-07	-0.0001	973729.0296
3F RF	Dead	LinStatic		Bottom	81882.9185	7.431E-06	5.281E-07	-0.0001	992985.4157
3F RF	Live	LinStatic		Top	9302.7077	1.563E-06	0	-2.171E-05	113806.3601
3F RF	Live	LinStatic		Bottom	9336.5222	1.563E-06	0	-2.171E-05	114042.1844
3F RF	FF	LinStatic		Top	49879.8188	2.083E-06	0	-2.908E-05	603161.9496
3F RF	FF	LinStatic		Bottom	51054.9185	2.083E-06	0	-2.902E-05	616037.9357
3F RF	PW	LinStatic		Top	43288.1888	1.252E-06	0	-1.76E-05	520651.8576
3F RF	PW	LinStatic		Bottom	44458.6085	1.252E-06	0	-1.754E-05	533501.6357
3F RF	Earthquake+x	LinStatic		Top	0	-3905.4679	5.875E-06	49600.1445	-0.0001
3F RF	Earthquake+x	LinStatic		Bottom	0	-3906.7274	5.881E-06	49607.6399	-0.0002
3F RF	Earthquake+y	LinStatic		Top	-7.019E-07	-1.025E-05	-3905.4677	-64659.1154	110738.7944
3F RF	Earthquake+y	LinStatic		Bottom	-6.711E-07	-1.025E-05	-3906.7272	-64683.2886	124410.0096
3F RF	TH-X Load Case	LinModHist	Max	Top	0	3135.5801	1670.6923	48991.3531	41778.103
3F RF	TH-X Load Case	LinModHist	Max	Bottom	0	3137.4621	1672.594	49012.2731	47076.8313
3F RF	TH-X Load Case	LinModHist	Min	Top	0	-3421.8183	-1602.0755	-50115.117	-38763.252

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	TH-X Load Case	LinModHist	Min	Bottom	0	-3422.3161	-1603.4657	-50158.4733	-44198.2921
3F RF	TH-Y Load Case	LinModHist	Max	Top	0	2942.4311	1374.9868	55130.9079	37801.9463
3F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2945.1111	1375.5973	55161.5599	42564.9014
3F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3897.3092	-1418.2962	-45790.2028	-38765.7569
3F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3898.4836	-1419.8933	-45824.7591	-43549.8919
3F RF	UDCon1	Combination		Top	234009.8458	1.453E-05	1.532E-06	-0.0002	2831682.8296
3F RF	UDCon1	Combination		Bottom	239485.2015	1.453E-05	1.546E-06	-0.0002	2892408.7324
3F RF	UDCon2	Combination		Top	247963.9074	1.688E-05	1.62E-06	-0.0002	3002392.3698
3F RF	UDCon2	Combination		Bottom	253489.9848	1.688E-05	1.634E-06	-0.0002	3063472.0091
3F RF	UDCon3	Combination	Max	Top	176131.4388	3135.5801	1670.6923	48991.3529	2173462.8478
3F RF	UDCon3	Combination	Max	Bottom	180197.4022	3137.4621	1672.594	49012.2729	2223814.4736
3F RF	UDCon3	Combination	Min	Top	176131.4388	-3421.8183	-1602.0755	-50115.1172	2092921.4928
3F RF	UDCon3	Combination	Min	Bottom	180197.4022	-3422.3161	-1603.4657	-50158.4735	2132539.3502
3F RF	UDCon4	Combination	Max	Top	176131.4388	3421.8183	1602.0755	50115.1168	2170447.9968
3F RF	UDCon4	Combination	Max	Bottom	180197.4022	3422.3161	1603.4657	50158.4732	2220935.9345
3F RF	UDCon4	Combination	Min	Top	176131.4388	-3135.58	-1670.6923	-48991.3533	2089906.6418
3F RF	UDCon4	Combination	Min	Bottom	180197.4022	-3137.4621	-1672.594	-49012.2732	2129660.811
3F RF	UDCon5	Combination	Max	Top	176131.4388	2942.4311	1374.9868	55130.9077	2169486.6911
3F RF	UDCon5	Combination	Max	Bottom	180197.4022	2945.1112	1375.5973	55161.5597	2219302.5437
3F RF	UDCon5	Combination	Min	Top	176131.4388	-3897.3092	-1418.2962	-45790.2029	2092918.988
3F RF	UDCon5	Combination	Min	Bottom	180197.4022	-3898.4836	-1419.8933	-45824.7593	2133187.7504
3F RF	UDCon6	Combination	Max	Top	176131.4388	3897.3092	1418.2962	45790.2026	2170450.5017
3F RF	UDCon6	Combination	Max	Bottom	180197.4022	3898.4836	1419.8933	45824.7589	2220287.5342
3F RF	UDCon6	Combination	Min	Top	176131.4388	-2942.4311	-1374.9868	-55130.908	2093882.7985
3F RF	UDCon6	Combination	Min	Bottom	180197.4022	-2945.1111	-1375.5973	-55161.56	2134172.741
3F RF	UDCon7	Combination	Max	Top	173340.6265	3135.5801	1670.6923	48991.3529	2139320.9398
3F RF	UDCon7	Combination	Max	Bottom	177396.4456	3137.4621	1672.594	49012.2729	2189601.8183
3F RF	UDCon7	Combination	Min	Top	173340.6265	-3421.8183	-1602.0755	-50115.1172	2058779.5848
3F RF	UDCon7	Combination	Min	Bottom	177396.4456	-3422.3161	-1603.4657	-50158.4735	2098326.6948
3F RF	UDCon8	Combination	Max	Top	173340.6265	3421.8183	1602.0755	50115.1169	2136306.0888
3F RF	UDCon8	Combination	Max	Bottom	177396.4456	3422.3161	1603.4657	50158.4732	2186723.2791
3F RF	UDCon8	Combination	Min	Top	173340.6265	-3135.58	-1670.6923	-48991.3532	2055764.7338
3F RF	UDCon8	Combination	Min	Bottom	177396.4456	-3137.4621	-1672.594	-49012.2732	2095448.1557
3F RF	UDCon9	Combination	Max	Top	173340.6265	2942.4311	1374.9868	55130.9077	2135344.783
3F RF	UDCon9	Combination	Max	Bottom	177396.4456	2945.1112	1375.5973	55161.5597	2185089.8883
3F RF	UDCon9	Combination	Min	Top	173340.6265	-3897.3092	-1418.2962	-45790.2029	2058777.0799
3F RF	UDCon9	Combination	Min	Bottom	177396.4456	-3898.4836	-1419.8933	-45824.7593	2098975.0951
3F RF	UDCon10	Combination	Max	Top	173340.6265	3897.3092	1418.2962	45790.2026	2136308.5936
3F RF	UDCon10	Combination	Max	Bottom	177396.4456	3898.4836	1419.8933	45824.759	2186074.8789
3F RF	UDCon10	Combination	Min	Top	173340.6265	-2942.4311	-1374.9868	-55130.908	2059740.8905
3F RF	UDCon10	Combination	Min	Bottom	177396.4456	-2945.1111	-1375.5973	-55161.56	2099960.0856
2F RF	Dead	LinStatic		Top	85924.9272	7.247E-06	5.536E-07	-0.0001	1043233.2735
2F RF	Dead	LinStatic		Bottom	87670.2166	7.247E-06	5.546E-07	-0.0001	1062920.0324
2F RF	Live	LinStatic		Top	9969.6022	1.553E-06	0	-2.151E-05	121952.2304
2F RF	Live	LinStatic		Bottom	10003.4166	1.553E-06	0	-2.151E-05	122188.0548

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	FF	LinStatic		Top	53430.1272	1.901E-06	0	-2.59E-05	645741.3734
2F RF	FF	LinStatic		Bottom	54640.2166	1.901E-06	0	-2.587E-05	659047.7324
2F RF	PW	LinStatic		Top	46367.3322	1.081E-06	0	-1.462E-05	557335.8314
2F RF	PW	LinStatic		Bottom	47572.7416	1.081E-06	0	-1.46E-05	570615.9824
2F RF	Earthquake+x	LinStatic		Top	0	-3964.423	5.457E-06	50343.9208	-0.0002
2F RF	Earthquake+x	LinStatic		Bottom	0	-3965.2626	5.463E-06	50348.9178	-0.0002
2F RF	Earthquake+y	LinStatic		Top	-8.707E-07	-1.274E-05	-3964.4228	-65655.1036	124410.0096
2F RF	Earthquake+y	LinStatic		Bottom	-7.425E-07	-1.274E-05	-3965.2624	-65671.2191	138286.8747
2F RF	TH-X Load Case	LinModHist	Max	Top	0	3334.4884	1788.9143	50894.2987	47076.8313
2F RF	TH-X Load Case	LinModHist	Max	Bottom	0	3339.1436	1790.815	50913.2459	52668.8472
2F RF	TH-X Load Case	LinModHist	Min	Top	0	-3411.281	-1688.2487	-55403.1263	-44198.2921
2F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-3411.3715	-1689.5818	-55446.4252	-49922.9472
2F RF	TH-Y Load Case	LinModHist	Max	Top	0	3086.3488	1410.2902	58495.3908	42564.9014
2F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	3088.7325	1410.8196	58524.3503	47453.6847
2F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3932.6128	-1513.1546	-49668.4501	-43549.8919
2F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3933.4118	-1515.1867	-49701.911	-48444.4355
2F RF	UDCon1	Combination		Top	250725.222	1.381E-05	1.63E-06	-0.0002	3032519.1457
2F RF	UDCon1	Combination		Bottom	256342.2859	1.381E-05	1.634E-06	-0.0002	3094988.0587
2F RF	UDCon2	Combination		Top	265679.6253	1.614E-05	1.721E-06	-0.0002	3215447.4914
2F RF	UDCon2	Combination		Bottom	271347.4108	1.614E-05	1.726E-06	-0.0002	3278270.1408
2F RF	UDCon3	Combination	Max	Top	188713.2673	3334.4884	1788.9143	50894.2985	2329972.9787
2F RF	UDCon3	Combination	Max	Bottom	192884.1997	3339.1436	1790.815	50913.2458	2381909.0108
2F RF	UDCon3	Combination	Min	Top	188713.2673	-3411.2809	-1688.2487	-55403.1264	2238697.8553
2F RF	UDCon3	Combination	Min	Bottom	192884.1997	-3411.3715	-1689.5818	-55446.4253	2279317.2163
2F RF	UDCon4	Combination	Max	Top	188713.2673	3411.281	1688.2487	55403.1261	2327094.4396
2F RF	UDCon4	Combination	Max	Bottom	192884.1997	3411.3715	1689.5818	55446.425	2379163.1108
2F RF	UDCon4	Combination	Min	Top	188713.2673	-3334.4884	-1788.9143	-50894.2988	2235819.3162
2F RF	UDCon4	Combination	Min	Bottom	192884.1997	-3339.1435	-1790.8149	-50913.2461	2276571.3164
2F RF	UDCon5	Combination	Max	Top	188713.2673	3086.3488	1410.2902	58495.3906	2325461.0488
2F RF	UDCon5	Combination	Max	Bottom	192884.1997	3088.7325	1410.8196	58524.3502	2376693.8483
2F RF	UDCon5	Combination	Min	Top	188713.2673	-3932.6128	-1513.1546	-49668.4503	2239346.2555
2F RF	UDCon5	Combination	Min	Bottom	192884.1997	-3933.4118	-1515.1867	-49701.9112	2280795.7281
2F RF	UDCon6	Combination	Max	Top	188713.2673	3932.6128	1513.1546	49668.45	2326446.0394
2F RF	UDCon6	Combination	Max	Bottom	192884.1997	3933.4118	1515.1867	49701.9109	2377684.5991
2F RF	UDCon6	Combination	Min	Top	188713.2673	-3086.3488	-1410.2902	-58495.3909	2240331.2461
2F RF	UDCon6	Combination	Min	Bottom	192884.1997	-3088.7325	-1410.8196	-58524.3505	2281786.4789
2F RF	UDCon7	Combination	Max	Top	185722.3867	3334.4884	1788.9143	50894.2986	2293387.3096
2F RF	UDCon7	Combination	Max	Bottom	189883.1747	3339.1436	1790.815	50913.2458	2345252.5944
2F RF	UDCon7	Combination	Min	Top	185722.3867	-3411.2809	-1688.2487	-55403.1264	2202112.1862
2F RF	UDCon7	Combination	Min	Bottom	189883.1747	-3411.3715	-1689.5818	-55446.4253	2242660.7999
2F RF	UDCon8	Combination	Max	Top	185722.3867	3411.281	1688.2487	55403.1262	2290508.7705
2F RF	UDCon8	Combination	Max	Bottom	189883.1747	3411.3715	1689.5818	55446.425	2342506.6944
2F RF	UDCon8	Combination	Min	Top	185722.3867	-3334.4884	-1788.9143	-50894.2988	2199233.647
2F RF	UDCon8	Combination	Min	Bottom	189883.1747	-3339.1435	-1790.8149	-50913.2461	2239914.9
2F RF	UDCon9	Combination	Max	Top	185722.3867	3086.3488	1410.2902	58495.3906	2288875.3797

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	UDCon9	Combination	Max	Bottom	189883.1747	3088.7325	1410.8196	58524.3502	2340037.4319
2F RF	UDCon9	Combination	Min	Top	185722.3867	-3932.6128	-1513.1546	-49668.4503	2202760.5864
2F RF	UDCon9	Combination	Min	Bottom	189883.1747	-3933.4118	-1515.1867	-49701.9111	2244139.3116
2F RF	UDCon10	Combination	Max	Top	185722.3867	3932.6128	1513.1546	49668.45	2289860.3702
2F RF	UDCon10	Combination	Max	Bottom	189883.1747	3933.4118	1515.1867	49701.9109	2341028.1827
2F RF	UDCon10	Combination	Min	Top	185722.3867	-3086.3488	-1410.2902	-58495.3909	2203745.577
2F RF	UDCon10	Combination	Min	Bottom	189883.1747	-3088.7325	-1410.8196	-58524.3505	2245130.0624
1F RF	Dead	LinStatic		Top	91817.1193	7.322E-06	5.645E-07	-0.0001	1114498.6071
1F RF	Dead	LinStatic		Bottom	92961.0238	7.322E-06	5.66E-07	-0.0001	1126909.0466
1F RF	Live	LinStatic		Top	10636.4966	1.558E-06	0	-2.157E-05	130098.1008
1F RF	Live	LinStatic		Bottom	10670.3111	1.558E-06	0	-2.157E-05	130333.9251
1F RF	FF	LinStatic		Top	57120.3193	1.975E-06	0	-2.675E-05	690081.8871
1F RF	FF	LinStatic		Bottom	57729.0238	1.975E-06	0	-2.672E-05	696111.9266
1F RF	PW	LinStatic		Top	49586.3593	1.151E-06	0	-1.541E-05	595780.8951
1F RF	PW	LinStatic		Bottom	50190.3838	1.151E-06	0	-1.54E-05	601784.7266
1F RF	Earthquake+x	LinStatic		Top	0	-3992.4252	7.061E-06	50696.0279	-0.0002
1F RF	Earthquake+x	LinStatic		Bottom	0	-3992.845	7.064E-06	50698.5264	-0.0002
1F RF	Earthquake+y	LinStatic		Top	-7.124E-07	-1.153E-05	-3992.425	-66129.3214	138286.8747
1F RF	Earthquake+y	LinStatic		Bottom	-6.179E-07	-1.153E-05	-3992.8448	-66137.3791	152261.0548
1F RF	TH-X Load Case	LinModHist	Max	Top	0	3696.9226	1898.6102	52844.9209	52668.8472
1F RF	TH-X Load Case	LinModHist	Max	Bottom	0	3701.5164	1900.4142	52872.4848	58646.0307
1F RF	TH-X Load Case	LinModHist	Min	Top	0	-3375.6225	-1765.8082	-60365.8075	-49922.9472
1F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-3375.4682	-1767.0387	-60407.508	-56371.4993
1F RF	TH-Y Load Case	LinModHist	Max	Top	0	3202.386	1455.7796	61537.0767	47453.6847
1F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	3204.5383	1456.6707	61564.0194	52446.1424
1F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3952.1126	-1605.443	-53245.4337	-48444.4355
1F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3953.3229	-1607.3892	-53276.9212	-53427.8029
1F RF	UDCon1	Combination		Top	268007.1271	1.411E-05	1.666E-06	-0.0002	3240487.8755
1F RF	UDCon1	Combination		Bottom	271188.5823	1.411E-05	1.671E-06	-0.0002	3273487.6946
1F RF	UDCon2	Combination		Top	283961.8721	1.644E-05	1.759E-06	-0.0002	3435635.0267
1F RF	UDCon2	Combination		Bottom	287194.049	1.644E-05	1.764E-06	-0.0002	3468988.5823
1F RF	UDCon3	Combination	Max	Top	201714.7469	3696.9226	1898.6102	52844.9208	2492059.6667
1F RF	UDCon3	Combination	Max	Bottom	204081.5247	3701.5164	1900.4142	52872.4846	2522551.908
1F RF	UDCon3	Combination	Min	Top	201714.7469	-3375.6224	-1765.8082	-60365.8076	2389467.8723
1F RF	UDCon3	Combination	Min	Bottom	204081.5247	-3375.4682	-1767.0387	-60407.5081	2407534.3779
1F RF	UDCon4	Combination	Max	Top	201714.7469	3375.6225	1765.8082	60365.8073	2489313.7667
1F RF	UDCon4	Combination	Max	Bottom	204081.5247	3375.4683	1767.0387	60407.5078	2520277.3766
1F RF	UDCon4	Combination	Min	Top	201714.7469	-3696.9226	-1898.6102	-52844.9211	2386721.9723
1F RF	UDCon4	Combination	Min	Bottom	204081.5247	-3701.5164	-1900.4142	-52872.4849	2405259.8465
1F RF	UDCon5	Combination	Max	Top	201714.7469	3202.386	1455.7797	61537.0765	2486844.5042
1F RF	UDCon5	Combination	Max	Bottom	204081.5247	3204.5383	1456.6707	61564.0192	2516352.0196
1F RF	UDCon5	Combination	Min	Top	201714.7469	-3952.1125	-1605.443	-53245.4338	2390946.384
1F RF	UDCon5	Combination	Min	Bottom	204081.5247	-3953.3229	-1607.3892	-53276.9214	2410478.0744
1F RF	UDCon6	Combination	Max	Top	201714.7469	3952.1126	1605.443	53245.4335	2487835.255
1F RF	UDCon6	Combination	Max	Bottom	204081.5247	3953.3229	1607.3892	53276.9211	2517333.6801

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	UDCon6	Combination	Min	Top	201714.7469	-3202.386	-1455.7796	-61537.0768	2391937.1348
1F RF	UDCon6	Combination	Min	Bottom	204081.5247	-3204.5383	-1456.6707	-61564.0195	2411459.7349
1F RF	UDCon7	Combination	Max	Top	198523.7979	3696.9226	1898.6102	52844.9208	2453030.2365
1F RF	UDCon7	Combination	Max	Bottom	200880.4314	3701.5164	1900.4142	52872.4846	2483451.7305
1F RF	UDCon7	Combination	Min	Top	198523.7979	-3375.6224	-1765.8082	-60365.8076	2350438.442
1F RF	UDCon7	Combination	Min	Bottom	200880.4314	-3375.4682	-1767.0387	-60407.5081	2368434.2004
1F RF	UDCon8	Combination	Max	Top	198523.7979	3375.6225	1765.8082	60365.8073	2450284.3365
1F RF	UDCon8	Combination	Max	Bottom	200880.4314	3375.4682	1767.0387	60407.5078	2481177.1991
1F RF	UDCon8	Combination	Min	Top	198523.7979	-3696.9226	-1898.6102	-52844.9211	2347692.5421
1F RF	UDCon8	Combination	Min	Bottom	200880.4314	-3701.5164	-1900.4142	-52872.4849	2366159.669
1F RF	UDCon9	Combination	Max	Top	198523.7979	3202.386	1455.7797	61537.0765	2447815.074
1F RF	UDCon9	Combination	Max	Bottom	200880.4314	3204.5383	1456.6707	61564.0192	2477251.8421
1F RF	UDCon9	Combination	Min	Top	198523.7979	-3952.1125	-1605.443	-53245.4338	2351916.9538
1F RF	UDCon9	Combination	Min	Bottom	200880.4314	-3953.3229	-1607.3892	-53276.9214	2371377.8968
1F RF	UDCon10	Combination	Max	Top	198523.7979	3952.1126	1605.443	53245.4335	2448805.8248
1F RF	UDCon10	Combination	Max	Bottom	200880.4314	3953.3229	1607.3892	53276.9211	2478233.5026
1F RF	UDCon10	Combination	Min	Top	198523.7979	-3202.386	-1455.7796	-61537.0768	2352907.7045
1F RF	UDCon10	Combination	Min	Bottom	200880.4314	-3204.5383	-1456.6707	-61564.0195	2372359.5573

Table 3.8 - Story Forces (Part 2 of 2)

MY kN-m
-62994.6547
-91664.9335
-9396.7835
-10045.7378
-36805.4647
-56686.7035
-29931.7819
-49723.1646
1.256E-06
-1370.3648
-4.503E-06
-1.431E-05
2.132E-06
1409.279
-2.092E-06
-1440.9686
2.172E-06
895.7822
-1.961E-06
-1395.3543
-175138.0668
-267400.9822
-189233.242

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

MY kN-m
-282469.5889
-132550.9363
-199679.2439
-132550.9364
-202529.4916
-132550.9363
-199647.5544
-132550.9364
-202497.802
-132550.9363
-200192.7408
-132550.9364
-202483.8773
-132550.9363
-199693.1687
-132550.9364
-201984.3052
-129731.9013
-196665.5226
-129731.9013
-199515.7703
-129731.9013
-196633.833
-129731.9013
-199484.0807
-129731.9013
-197179.0195
-129731.9013
-199470.1559
-129731.9013
-196679.4474
-129731.9013
-198970.5838
-154659.5882
-183329.867
-19442.5213
-20091.4756
-93492.1682
-113373.407
-79654.9465
-99446.3293
-1370.3648
-4317.244
-8.088E-06
-1.523E-05

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

MY kN-m
1409.2791
4364.0344
-1440.9686
-4478.9741
895.7822
2750.242
-1395.3543
-4398.552
-442539.049
-534801.9645
-471702.8309
-564939.1778
-332230.1803
-397813.0116
-335080.428
-406656.0201
-332198.4907
-397698.0719
-335048.7384
-406541.0804
-332743.6772
-399426.804
-335034.8136
-406575.598
-332244.1051
-397778.494
-334535.2415
-404927.288
-326397.4239
-391785.5689
-329247.6716
-400628.5774
-326365.7343
-391670.6292
-329215.982
-400513.6377
-326910.9208
-393399.3613
-329202.0572
-400548.1553
-326411.3487
-391751.0513
-328702.4851
-398899.8453
-246324.5217

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

MY kN-m
-274994.8005
-29488.2591
-30137.2134
-150178.8717
-170060.1105
-129378.1111
-149169.4939
-4317.244
-8735.5886
-5.505E-06
-1.368E-05
4364.0344
8679.2085
-4478.9741
-8931.6119
2750.242
5420.2767
-4398.552
-8902.3706
-709940.0312
-802202.9467
-754172.4198
-847408.7667
-530363.9479
-594586.3605
-539206.9564
-612197.1809
-530249.0083
-594333.957
-539092.0167
-611944.7774
-531977.7404
-597845.2922
-539126.5343
-612167.9395
-530329.4304
-594363.1984
-537478.2243
-608685.8457
-521517.4702
-585545.1965
-530360.4787
-603156.0169
-521402.5305
-585292.793

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

MY kN-m
-530245.539
-602903.6134
-523131.2626
-588804.1282
-530280.0566
-603126.7755
-521482.9526
-585322.0344
-528631.7466
-599644.6817
-337989.4552
-366659.734
-39533.9969
-40182.9512
-206865.5753
-226746.814
-179101.2758
-198892.6586
-8735.5886
-14520.3491
-1.459E-05
-3.88E-05
8679.2085
14169.947
-8931.6119
-14614.8012
5420.2767
8845.7917
-8902.3706
-14798.0613
-977341.0135
-1069604
-1036642
-1129878
-727137.2969
-790184.145
-744748.1173
-818968.8931
-726884.8934
-789739.2908
-744495.7138
-818524.039
-730396.2286
-795508.3003
-744718.8759

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

MY kN-m
-819152.1533
-726914.1347
-789556.0306
-741236.7821
-813199.8836
-715277.0978
-778129.2596
-732887.9182
-806914.0078
-715024.6943
-777684.4054
-732635.5147
-806469.1536
-718536.0295
-783453.415
-732858.6769
-807097.268
-715053.9357
-777501.1453
-729376.583
-801144.9983
-429654.3887
-458324.6675
-49579.7347
-50228.689
-263552.2788
-283433.5176
-228824.4404
-248615.8232
-14520.3491
-21566.4765
-4.118E-05
-0.0001
14169.947
20658.9683
-14614.8012
-21348.9749
8845.7916
13102.5007
-14798.0613
-21976.9242
-1244742
-1337005
-1319112
-1412348

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

MY kN-m
-922735.0813
-984783.6466
-951519.8295
-1026792
-922290.2272
-984093.6401
-951074.9753
-1026102
-928059.2367
-992340.1143
-951703.0897
-1027420
-922106.967
-983465.6908
-945750.82
-1018545
-907861.1609
-969715.0399
-936645.9091
-1011723
-907416.3068
-969025.0334
-936201.0549
-1011033
-913185.3163
-977271.5076
-936829.1693
-1012351
-907233.0466
-968397.0841
-930876.8996
-1003477
-521319.3222
-549989.601
-59625.4725
-60274.4267
-320238.9823
-340120.2211
-278547.605
-298338.9878
-21566.4765
-29768.9215
-0.0001
-0.0001
20658.9683

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

MY kN-m
27984.1041
-21348.9749
-28966.0019
13102.5007
18037.6309
-21976.9242
-30331.2055
-1512143
-1604406
-1601581
-1694818
-1117335
-1178547
-1159343
-1235497
-1116645
-1177565
-1158653
-1234515
-1124891
-1188494
-1159970
-1236862
-1116017
-1176200
-1151096
-1224569
-1099447
-1160465
-1141455
-1217415
-1098757
-1159483
-1140765
-1216433
-1107003
-1170411
-1142083
-1218780
-1098129
-1158118
-1133208
-1206486
-612984.2557
-641654.5345

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

MY kN-m
-69671.2102
-70320.1645
-376925.6858
-396806.9246
-328270.7697
-348062.1525
-29768.9215
-39022.635
-0.0001
-0.0001
27984.1041
36237.0875
-28966.0019
-37315.1528
18037.6309
23589.6741
-30331.2055
-39753.6475
-1779544
-1871807
-1884051
-1977287
-1311098
-1371383
-1368048
-1444935
-1310116
-1370305
-1367066
-1443857
-1321044
-1384030
-1369413
-1447373
-1308751
-1367866
-1357120
-1431209
-1290197
-1350287
-1347147
-1423839
-1289215
-1349208
-1346165

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

MY kN-m
-1422761
-1300143
-1362934
-1348512
-1426277
-1287850
-1346770
-1336218
-1410113
-704649.1892
-733319.468
-79716.948
-80365.9023
-433612.3893
-453493.6281
-377993.9343
-397785.3171
-39022.635
-49222.5679
-0.0001
-0.0001
36237.0875
45257.5056
-37315.1528
-46787.543
23589.6741
29704.102
-39753.6475
-50135.8479
-2046945
-2139208
-2166520
-2259757
-1503934
-1563451
-1577486
-1655496
-1502855
-1561921
-1576408
-1653966
-1516581
-1579004
-1579924
-1658844

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

MY kN-m
-1500417
-1558572
-1563760
-1638412
-1480018
-1539341
-1553571
-1631386
-1478940
-1537811
-1552493
-1629856
-1492666
-1554894
-1556009
-1634734
-1476502
-1534463
-1539845
-1614303
-796314.1227
-824984.4015
-89762.6858
-90411.6401
-490299.0928
-510180.3316
-427717.099
-447508.4817
-49222.5679
-60263.6709
-0.0001
-0.0002
45257.5056
54817.3774
-46787.543
-57092.1937
29704.102
36333.485
-50135.8479
-61366.0528
-2314346
-2406609
-2448990
-2542226
-1696002

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

MY kN-m
-1754979
-1788047
-1866889
-1694472
-1752705
-1786517
-1864614
-1711555
-1773463
-1791395
-1871163
-1691123
-1748431
-1770963
-1846130
-1669073
-1727856
-1761118
-1839765
-1667543
-1725581
-1759588
-1837491
-1684626
-1746340
-1764466
-1844039
-1664194
-1721307
-1744034
-1819007
-887979.0562
-916649.335
-99808.4236
-100457.3779
-546985.7963
-566867.0351
-477440.2636
-497231.6464
-60263.6709
-72040.8949
-0.0002
-0.0002
54817.3774
64789.7487

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

MY kN-m
-57092.1937
-67994.0361
36333.485
43436.8738
-61366.0528
-73327.3445
-2581747
-2674010
-2731460
-2824696
-1887530
-1946095
-1999440
-2078879
-1885255
-1942891
-1997165
-2075675
-1906014
-1967448
-2003714
-2084213
-1880982
-1937558
-1978681
-2054322
-1857588
-1915958
-1969497
-2048742
-1855313
-1912754
-1967222
-2045538
-1876072
-1937311
-1973771
-2054075
-1851039
-1907421
-1948739
-2024185
-979643.9897
-1008314
-109854.1614

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

MY kN-m
-110503.1157
-603672.4998
-623553.7386
-527163.4282
-546954.811
-72040.8949
-84449.1905
-0.0002
-0.0002
64789.7487
75061.0939
-67994.0361
-79363.1007
43436.8738
50978.7463
-73327.3445
-85897.2182
-2849148
-2941411
-3013929
-3107165
-2078646
-2136913
-2211430
-2291337
-2075442
-2132611
-2208226
-2287035
-2099999
-2160995
-2216764
-2297871
-2070109
-2126077
-2186873
-2262952
-2045690
-2103762
-2178474
-2258186
-2042486
-2099460
-2175270
-2253884

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

MY kN-m
-2067043
-2127844
-2183807
-2264720
-2037153
-2092926
-2153917
-2229802
-1071309
-1099979
-119899.8992
-120548.8535
-660359.2033
-680240.4421
-576886.5929
-596677.9757
-84449.1905
-97383.5087
-0.0002
-0.0003
75061.0939
85533.2893
-79363.1007
-91065.6833
50978.7463
58927.8601
-85897.2182
-98949.2562
-3116549
-3208812
-3296399
-3389635
-2269464
-2327529
-2423888
-2504128
-2265162
-2321997
-2419586
-2498596
-2293546
-2354134
-2430422
-2512012
-2258627

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

MY kN-m
-2314113
-2395503
-2471990
-2233494
-2291364
-2387918
-2467963
-2229192
-2285832
-2383616
-2462431
-2257576
-2317970
-2394452
-2475847
-2222658
-2277948
-2359533
-2435825
-1162974
-1191644
-129945.637
-130594.5913
-717045.9069
-736927.1456
-626609.7575
-646401.1403
-97383.5087
-110738.8003
-0.0003
-0.0003
85533.2893
96124.0668
-91065.6833
-102968.7519
58927.8601
67256.3078
-98949.2562
-112357.0293
-3383950
-3476213
-3578868
-3672105
-2460080
-2518027

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

MY kN-m
-2636679
-2717120
-2454548
-2511182
-2631147
-2710275
-2486685
-2546894
-2644562
-2726508
-2446664
-2501794
-2604541
-2681407
-2421096
-2478848
-2597695
-2677941
-2415564
-2472004
-2592163
-2671096
-2447702
-2507716
-2605579
-2687329
-2407680
-2462615
-2565557
-2642229
-1254639
-1283309
-139991.3748
-140640.329
-773732.6104
-793613.8492
-676332.9221
-696124.3049
-110738.8003
-124410.016
-0.0003
-0.0003
96124.0668
106766.0171
-102968.7519

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

MY kN-m
-114945.9373
67256.3078
76093.9471
-112357.0293
-125999.5494
-3651351
-3743614
-3861338
-3954574
-2650578
-2708473
-2849670
-2930185
-2643733
-2700293
-2842826
-2922005
-2679445
-2739145
-2859059
-2941239
-2634345
-2689240
-2813958
-2891333
-2608580
-2666281
-2807673
-2887993
-2601736
-2658101
-2800828
-2879813
-2637448
-2696953
-2817061
-2899047
-2592347
-2647048
-2771961
-2849141
-1344844
-1374452
-150037.1125
-150686.0668

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

MY kN-m
-828960.0715
-849779.0333
-724596.8444
-745325.9502
-124410.016
-138286.8818
-0.0003
-0.0004
106766.0171
117409.2935
-114945.9373
-126885.5701
76093.9471
86409.9837
-125999.5494
-139765.0126
-3912842
-4008903
-4137898
-4234932
-2836647
-2897354
-3058358
-3141649
-2828467
-2887878
-3050179
-3132173
-2867319
-2928353
-3069412
-3154528
-2817413
-2874998
-3019506
-3101173
-2791635
-2852148
-3013347
-3096443
-2783455
-2842672
-3005167
-3086967
-2822307

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

MY kN-m
-2883147
-3024401
-3109322
-2772402
-2829792
-2974495
-3055967
-1437521
-1457674
-160082.8503
-160731.8046
-886658.5733
-898022.0702
-775331.8073
-786605.4483
-138286.8818
-152261.0625
-0.0004
-0.0004
117409.2935
128011.9484
-126885.5701
-138699.9942
86409.9837
97206.3641
-139765.0126
-153558.19
-4184341
-4242107
-4424465
-4483204
-3030127
-3062509
-3274422
-3329221
-3020651
-3051821
-3264946
-3318533
-3061126
-3093314
-3287301
-3344079
-3007771
-3036963

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

MY kN-m
-3233946
-3287727
-2982102
-3014289
-3226397
-3281001
-2972626
-3003601
-3216921
-3270313
-3013102
-3045095
-3239277
-3295859
-2959747
-2988743
-3185922
-3239508

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	395.0833	4.834	81730.804	8.24E-07	1.04	0
15	Earthquake+x	LinStatic	Step By Step	845.294	5.114	165296.824	7.114E-07	1.05	0
14	Earthquake+x	LinStatic	Step By Step	1265.4908	5.361	236057.087	8.228E-07	1.076	0
13	Earthquake+x	LinStatic	Step By Step	1655.6735	5.639	293594.956	1.696E-06	1.118	0
12F RF	Earthquake+x	LinStatic	Step By Step	2015.8421	5.924	340312.492	2.42E-06	1.162	0
11F RF	Earthquake+x	LinStatic	Step By Step	2345.9967	6.2	378384.925	1.251E-06	1.206	0
10F RF	Earthquake+x	LinStatic	Step By Step	2646.1372	6.451	410163.624	3.169E-06	1.25	0
9F RF	Earthquake+x	LinStatic	Step By Step	2916.2637	6.662	437739.072	3.375E-06	1.289	0
8F RF	Earthquake+x	LinStatic	Step By Step	3156.3761	6.817	463010.332	2.158E-06	1.322	0
7F RF	Earthquake+x	LinStatic	Step By Step	3366.4745	6.902	487744.358	4.218E-06	1.348	0
6F RF	Earthquake+x	LinStatic	Step By Step	3546.5587	6.901	513911.755	5.345E-06	1.365	0
5F RF	Earthquake+x	LinStatic	Step By Step	3696.629	6.803	543365.279	6.885E-06	1.371	0
4F RF	Earthquake+x	LinStatic	Step By Step	3816.6852	6.62	576557.689	6.409E-06	1.361	0
3F RF	Earthquake+x	LinStatic	Step By Step	3906.7274	6.157	634486.981	5.881E-06	1.261	0
2F RF	Earthquake+x	LinStatic	Step By Step	3965.2626	6.209	638654.475	5.463E-06	1.366	0
1F RF	Earthquake+x	LinStatic	Step By Step	3992.845	45.551	87657.171	7.064E-06	10.714	0
16	Earthquake+y	LinStatic	Step By Step	8.657E-07	0.342	0	395.0832	5.096	77525.15
15	Earthquake+y	LinStatic	Step By Step	1.05E-06	0.286	0	845.294	5.161	163777.152
14	Earthquake+y	LinStatic	Step By Step	3.864E-06	0.285	0	1265.4907	5.27	240114.835
13	Earthquake+y	LinStatic	Step By Step	5.31E-06	0.291	0	1655.6734	5.401	306554.656
12F RF	Earthquake+y	LinStatic	Step By Step	5.987E-06	0.296	0	2015.842	5.528	364681.83
11F RF	Earthquake+y	LinStatic	Step By Step	6.125E-06	0.299	0	2345.9965	5.637	416213.276
10F RF	Earthquake+y	LinStatic	Step By Step	7.487E-06	0.297	0	2646.1371	5.716	462919.974

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
9F RF	Earthquake+y	LinStatic	Step By Step	9.758E-06	0.29	0	2916.2635	5.754	506800.197
8F RF	Earthquake+y	LinStatic	Step By Step	9.51E-06	0.272	0	3156.3759	5.742	549660.655
7F RF	Earthquake+y	LinStatic	Step By Step	1.077E-05	0.25	0	3366.4743	5.667	594026.193
6F RF	Earthquake+y	LinStatic	Step By Step	1.075E-05	0.253	0	3546.5586	5.526	641781.575
5F RF	Earthquake+y	LinStatic	Step By Step	1.063E-05	0.269	0	3696.6288	5.297	697845.553
4F RF	Earthquake+y	LinStatic	Step By Step	9.926E-06	0.329	0	3816.685	5.086	750472.473
3F RF	Earthquake+y	LinStatic	Step By Step	1.025E-05	0.333	0	3906.7272	4.573	854282.215
2F RF	Earthquake+y	LinStatic	Step By Step	1.274E-05	0.542	0	3965.2624	7.067	561093.484
1F RF	Earthquake+y	LinStatic	Step By Step	1.153E-05	9.261	0	3992.8448	49.576	80539.35

3.3 Modal Results

Table 3.10 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	3.971	0.252	1.5822	2.5034
Modal	2	3.279	0.305	1.9161	3.6714
Modal	3	2.783	0.359	2.2581	5.099
Modal	4	0.963	1.038	6.5236	42.5577
Modal	5	0.924	1.082	6.7965	46.1925
Modal	6	0.721	1.387	8.7123	75.9035
Modal	7	0.352	2.841	17.8477	318.539
Modal	8	0.28	3.578	22.4789	505.3016
Modal	9	0.204	4.902	30.8005	948.6725
Modal	10	0.176	5.668	35.614	1268.3554
Modal	11	0.133	7.525	47.2806	2235.4531
Modal	12	0.125	7.994	50.2282	2522.8688

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

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	1	3.971	0.1633	0.3955	0	0.1633	0.3955	0	0.0074	0.0045	0.4277
Modal	2	3.279	0.6545	0.309	0	0.8178	0.7045	0	0.0099	0.0251	0.0009
Modal	3	2.783	0.1467	0.2625	0	0.9645	0.9671	0	0.0166	0.0059	0.5561
Modal	4	0.963	0.022	0.0066	0	0.9864	0.9737	0	0.2776	0.5905	0.0001
Modal	5	0.924	0.0101	0.0227	0	0.9966	0.9964	0	0.6519	0.2968	0.0013
Modal	6	0.721	0.0021	0.0028	0	0.9987	0.9992	0	0.0205	0.0592	0.0135
Modal	7	0.352	0.0011	1.445E-06	0	0.9998	0.9992	0	8.788E-07	0.0126	1.4E-05
Modal	8	0.28	0	0.0005	0	0.9998	0.9997	0	0.0121	1.286E-06	0.0001
Modal	9	0.204	8.659E-06	4.36E-06	0	0.9998	0.9997	0	9.61E-06	0.0003	0.0001
Modal	10	0.176	0.0001	0	0	0.9999	0.9997	0	6.188E-07	0.004	7.217E-07
Modal	11	0.133	0	0.0001	0	0.9999	0.9997	0	0.0027	0	6.754E-06
Modal	12	0.125	0	1.227E-06	0	0.9999	0.9997	0	3.039E-06	0	0

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

SumRX	SumRY	SumRZ
0.0074	0.0045	0.4277
0.0173	0.0296	0.4286
0.0339	0.0355	0.9847
0.3115	0.626	0.9848
0.9634	0.9228	0.9861
0.9839	0.982	0.9996
0.9839	0.9946	0.9996
0.996	0.9946	0.9997
0.996	0.9948	0.9998
0.996	0.9988	0.9998
0.9987	0.9988	0.9998
0.9987	0.9988	0.9998

Table 3.12 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	100	99.99
Modal	Acceleration	UY	100	99.97
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	3.971	0.168	0.403	0	0.429
Modal	2	3.279	0.68	0.319	0	0.001
Modal	3	2.783	0.153	0.279	0	0.568
Modal	4	0.963	0.623	0.29	0	0.087
Modal	5	0.924	0.314	0.685	0	0.001
Modal	6	0.721	0.063	0.025	0	0.912
Modal	7	0.352	0.985	0.006	0	0.009
Modal	8	0.28	0.003	0.964	0	0.033
Modal	9	0.204	0.012	0.035	0	0.953
Modal	10	0.176	0.989	0.003	0	0.008
Modal	11	0.133	0.002	0.962	0	0.036
Modal	12	0.125	0.001	0.988	0	0.011