



Summary Report

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

1 Structure Data

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

1.1 Story Data

Table 1.1 - Story Definitions

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

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

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

2.2 Functions

2.2.1 Response Spectrum Functions

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

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

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

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

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		1610.2532	-919.6301	160126.6124	1911268.3309	-2513285	-33518.3319
Live	LinStatic		110.1547	-47.6396	10096.797	123064.5799	-146367.3796	-2011.8503
FF	LinStatic		1223.6408	-773.462	127025.0694	1507359.9198	-2007166	-26909.5857
PW	LinStatic		1139.5052	-744.9236	119882.7593	1418084.9406	-1905638	-25524.024
Earthquake+x	LinStatic		-2131.5963	-207.5902	-9470.304	-154036.3456	-280407.7302	15106.7042
Earthquake+y	LinStatic		1166.2717	367.8443	5923.1021	648769.5963	-50468.0292	-4696.1774
TH-X Load Case	LinModHist	Max	1438.5694	163.2715	5497.1296	195189.9873	186792.9634	9496.5825
TH-X Load Case	LinModHist	Min	-1345.1997	-160.1405	-6043.2221	-254089.3789	-149393.1205	-9887.4992
TH-Y Load Case	LinModHist	Max	1156.6983	164.6761	5490.5895	166482.7083	124217.0216	10390.3071
TH-Y Load Case	LinModHist	Min	-1367.1435	-166.0591	-5839.7828	-231163.4887	-168428.1322	-8286.4206
UDCon11	Combination		5364.0889	-3291.3211	549496.4956	6529562.8082	-8675220	-116035.1212
UDCon12	Combination		5529.321	-3362.7804	564641.6911	6714159.678	-8894771	-119052.8966
UDCon13	Combination	Max	5445.015	-2289.036	415560.6099	5068822.5525	-6283206	-77058.9142
UDCon13	Combination	Min	2661.246	-2612.448	404020.2582	4619543.1863	-6619392	-96442.9959
UDCon14	Combination	Max	5351.6453	-2292.167	416106.7023	5127721.9441	-6320606	-76667.9975
UDCon14	Combination	Min	2567.8762	-2615.579	404566.3507	4678442.578	-6656792	-96052.0792
UDCon15	Combination	Max	5163.1439	-2287.6314	415554.0698	5040115.2735	-6345782	-76165.1896
UDCon15	Combination	Min	2639.3021	-2618.3666	404223.6975	4642469.0765	-6638427	-94841.9173
UDCon16	Combination	Max	5373.5891	-2286.2484	415903.2631	5104796.0539	-6301571	-78269.0761
UDCon16	Combination	Min	2849.7473	-2616.9836	404572.8908	4707149.8569	-6594216	-96945.8038
UDCon17	Combination	Max	5411.9686	-2274.7441	412531.5707	5031903.1785	-6239296	-76455.3591
UDCon17	Combination	Min	2628.1995	-2598.1561	400991.2191	4582623.8124	-6575482	-95839.4408
UDCon18	Combination	Max	5318.5989	-2277.8752	413077.6632	5090802.5701	-6276696	-76064.4424
UDCon18	Combination	Min	2534.8298	-2601.2871	401537.3116	4641523.204	-6612882	-95448.5241
UDCon19	Combination	Max	5130.0975	-2273.3395	412525.0306	5003195.8996	-6301872	-75561.6345
UDCon19	Combination	Min	2606.2557	-2604.0748	401194.6584	4605549.7026	-6594517	-94238.3622
UDCon20	Combination	Max	5340.5427	-2271.9565	412874.224	5067876.68	-6257661	-77665.5211
UDCon20	Combination	Min	2816.7009	-2602.6917	401543.8517	4670230.4829	-6550306	-96342.2487

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
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	15.615	12.0854	0	0	0	0		
13	D1	0	0	15.615	12.0854	0	0	0	0		
12F RF	D1	0	0	15.615	12.0854	0	0	0	0		
11F RF	D1	0	0	15.615	12.0854	0	0	0	0		
10F RF	D1	0	0	15.615	12.0854	0	0	0	0		
9F RF	D1	0	0	15.615	12.0854	0	0	0	0		
8F RF	D1	0	0	15.615	12.0854	0	0	0	0		
7F RF	D1	0	0	15.615	12.0854	0	0	0	0		
6F RF	D1	0	0	15.615	12.0854	0	0	0	0		
5F RF	D1	0	0	15.615	12.0854	0	0	0	0		
4F RF	D1	0	0	15.615	12.0854	0	0	0	0		
3F RF	D1	0	0	15.615	12.0854	0	0	0	0		
2F RF	D1	0	0	16.3665	12.0193	0	0	0	0		
1F RF	D1	0	0	15.7585	12.0256	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		-32.039	9.185	0.001865	1	15.615	12.0854	49
14	D1	Live	LinStatic		-3.368	1.567	0.000126	1	15.615	12.0854	49
14	D1	FF	LinStatic		-20.678	3.853	0.001276	1	15.615	12.0854	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		-18.05	2.258	0.001176	1	15.615	12.0854	49
14	D1	Earthquake+x	LinStatic		126.785	-15.224	-0.003821	1	15.615	12.0854	49
14	D1	Earthquake+y	LinStatic		-19.654	133.773	0.00118	1	15.615	12.0854	49
14	D1	TH-X Load Case	LinModHist	Max	77.157	41.707	0.003448	1	15.615	12.0854	49
14	D1	TH-X Load Case	LinModHist	Min	-87.187	-42.626	-0.002708	1	15.615	12.0854	49
14	D1	TH-Y Load Case	LinModHist	Max	65.994	35.91	0.002754	1	15.615	12.0854	49
14	D1	TH-Y Load Case	LinModHist	Min	-61.508	-39.682	-0.002615	1	15.615	12.0854	49
14	D1	UDCon11	Combination		-95.536	20.649	0.005827	1	15.615	12.0854	49
14	D1	UDCon12	Combination		-100.588	22.999	0.006016	1	15.615	12.0854	49
14	D1	UDCon13	Combination	Max	5.379	57.473	0.007802	1	15.615	12.0854	49
14	D1	UDCon13	Combination	Min	-158.965	-26.861	0.001646	1	15.615	12.0854	49
14	D1	UDCon14	Combination	Max	15.409	58.392	0.007062	1	15.615	12.0854	49
14	D1	UDCon14	Combination	Min	-148.934	-25.941	0.000906	1	15.615	12.0854	49
14	D1	UDCon15	Combination	Max	-5.784	51.676	0.007108	1	15.615	12.0854	49
14	D1	UDCon15	Combination	Min	-133.286	-23.916	0.001739	1	15.615	12.0854	49
14	D1	UDCon16	Combination	Max	-10.27	55.448	0.00697	1	15.615	12.0854	49
14	D1	UDCon16	Combination	Min	-137.772	-20.144	0.0016	1	15.615	12.0854	49
14	D1	UDCon17	Combination	Max	6.389	57.003	0.007764	1	15.615	12.0854	49
14	D1	UDCon17	Combination	Min	-157.954	-27.331	0.001608	1	15.615	12.0854	49
14	D1	UDCon18	Combination	Max	16.419	57.922	0.007025	1	15.615	12.0854	49
14	D1	UDCon18	Combination	Min	-147.924	-26.412	0.000868	1	15.615	12.0854	49
14	D1	UDCon19	Combination	Max	-4.774	51.206	0.007071	1	15.615	12.0854	49
14	D1	UDCon19	Combination	Min	-132.275	-24.386	0.001701	1	15.615	12.0854	49
14	D1	UDCon20	Combination	Max	-9.26	54.978	0.006932	1	15.615	12.0854	49
14	D1	UDCon20	Combination	Min	-136.761	-20.614	0.001562	1	15.615	12.0854	49
13	D1	Dead	LinStatic		-30.894	8.704	0.001685	2	15.615	12.0854	45.5
13	D1	Live	LinStatic		-3.162	1.445	0.000114	2	15.615	12.0854	45.5
13	D1	FF	LinStatic		-20.146	3.786	0.00115	2	15.615	12.0854	45.5
13	D1	PW	LinStatic		-17.681	2.32	0.001059	2	15.615	12.0854	45.5
13	D1	Earthquake+x	LinStatic		119.369	-14.208	-0.003523	2	15.615	12.0854	45.5
13	D1	Earthquake+y	LinStatic		-19.063	123.04	0.001118	2	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Max	72.77	38.37	0.003192	2	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Min	-82.05	-39.219	-0.002505	2	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Max	62.926	33.075	0.002556	2	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Min	-57.638	-36.562	-0.002432	2	15.615	12.0854	45.5
13	D1	UDCon11	Combination		-92.773	19.992	0.005257	2	15.615	12.0854	45.5
13	D1	UDCon12	Combination		-97.517	22.159	0.005428	2	15.615	12.0854	45.5
13	D1	UDCon13	Combination	Max	3.1	53.613	0.007121	2	15.615	12.0854	45.5
13	D1	UDCon13	Combination	Min	-151.72	-23.976	0.001423	2	15.615	12.0854	45.5
13	D1	UDCon14	Combination	Max	12.38	54.461	0.006434	2	15.615	12.0854	45.5
13	D1	UDCon14	Combination	Min	-142.439	-23.128	0.000736	2	15.615	12.0854	45.5
13	D1	UDCon15	Combination	Max	-6.744	48.317	0.006485	2	15.615	12.0854	45.5
13	D1	UDCon15	Combination	Min	-127.308	-21.319	0.001497	2	15.615	12.0854	45.5
13	D1	UDCon16	Combination	Max	-12.031	51.804	0.00636	2	15.615	12.0854	45.5
13	D1	UDCon16	Combination	Min	-132.596	-17.832	0.001372	2	15.615	12.0854	45.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
13	D1	UDCon17	Combination	Max	4.048	53.179	0.007087	2	15.615	12.0854	45.5
13	D1	UDCon17	Combination	Min	-150.771	-24.41	0.001389	2	15.615	12.0854	45.5
13	D1	UDCon18	Combination	Max	13.329	54.028	0.0064	2	15.615	12.0854	45.5
13	D1	UDCon18	Combination	Min	-141.491	-23.561	0.000702	2	15.615	12.0854	45.5
13	D1	UDCon19	Combination	Max	-5.795	47.884	0.006451	2	15.615	12.0854	45.5
13	D1	UDCon19	Combination	Min	-126.359	-21.752	0.001463	2	15.615	12.0854	45.5
13	D1	UDCon20	Combination	Max	-11.083	51.371	0.006326	2	15.615	12.0854	45.5
13	D1	UDCon20	Combination	Min	-131.647	-18.266	0.001338	2	15.615	12.0854	45.5
12F RF	D1	Dead	LinStatic		-29.736	8.191	0.001506	3	15.615	12.0854	42
12F RF	D1	Live	LinStatic		-2.958	1.323	0.000102	3	15.615	12.0854	42
12F RF	D1	FF	LinStatic		-19.599	3.687	0.001024	3	15.615	12.0854	42
12F RF	D1	PW	LinStatic		-17.294	2.349	0.000944	3	15.615	12.0854	42
12F RF	D1	Earthquake+x	LinStatic		111.72	-13.188	-0.003223	3	15.615	12.0854	42
12F RF	D1	Earthquake+y	LinStatic		-18.456	112.237	0.001051	3	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Max	68.247	35.011	0.002933	3	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Min	-76.768	-35.793	-0.002299	3	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Max	59.743	30.22	0.002355	3	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Min	-53.669	-33.423	-0.002244	3	15.615	12.0854	42
12F RF	D1	UDCon11	Combination		-89.949	19.207	0.00469	3	15.615	12.0854	42
12F RF	D1	UDCon12	Combination		-94.386	21.192	0.004843	3	15.615	12.0854	42
12F RF	D1	UDCon13	Combination	Max	0.731	49.635	0.006438	3	15.615	12.0854	42
12F RF	D1	UDCon13	Combination	Min	-144.284	-21.169	0.001205	3	15.615	12.0854	42
12F RF	D1	UDCon14	Combination	Max	9.252	50.418	0.005804	3	15.615	12.0854	42
12F RF	D1	UDCon14	Combination	Min	-135.763	-20.386	0.000572	3	15.615	12.0854	42
12F RF	D1	UDCon15	Combination	Max	-7.773	44.844	0.00586	3	15.615	12.0854	42
12F RF	D1	UDCon15	Combination	Min	-121.185	-18.799	0.001261	3	15.615	12.0854	42
12F RF	D1	UDCon16	Combination	Max	-13.848	48.048	0.005749	3	15.615	12.0854	42
12F RF	D1	UDCon16	Combination	Min	-127.259	-15.595	0.00115	3	15.615	12.0854	42
12F RF	D1	UDCon17	Combination	Max	1.618	49.238	0.006408	3	15.615	12.0854	42
12F RF	D1	UDCon17	Combination	Min	-143.397	-21.566	0.001175	3	15.615	12.0854	42
12F RF	D1	UDCon18	Combination	Max	10.14	50.021	0.005774	3	15.615	12.0854	42
12F RF	D1	UDCon18	Combination	Min	-134.876	-20.783	0.000541	3	15.615	12.0854	42
12F RF	D1	UDCon19	Combination	Max	-6.885	44.447	0.005829	3	15.615	12.0854	42
12F RF	D1	UDCon19	Combination	Min	-120.297	-19.196	0.001231	3	15.615	12.0854	42
12F RF	D1	UDCon20	Combination	Max	-12.96	47.651	0.005718	3	15.615	12.0854	42
12F RF	D1	UDCon20	Combination	Min	-126.372	-15.992	0.00112	3	15.615	12.0854	42
11F RF	D1	Dead	LinStatic		-28.572	7.664	0.001329	4	15.615	12.0854	38.5
11F RF	D1	Live	LinStatic		-2.757	1.203	8.9E-05	4	15.615	12.0854	38.5
11F RF	D1	FF	LinStatic		-19.042	3.57	0.0009	4	15.615	12.0854	38.5
11F RF	D1	PW	LinStatic		-16.896	2.359	0.000829	4	15.615	12.0854	38.5
11F RF	D1	Earthquake+x	LinStatic		103.84	-12.163	-0.002922	4	15.615	12.0854	38.5
11F RF	D1	Earthquake+y	LinStatic		-17.83	101.389	0.000981	4	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Max	63.586	31.636	0.002671	4	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Min	-71.344	-32.358	-0.002091	4	15.615	12.0854	38.5
11F RF	D1	TH-Y Load Case	LinModHist	Max	56.415	27.35	0.00215	4	15.615	12.0854	38.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
11F RF	D1	TH-Y Load Case	LinModHist	Min	-49.902	-30.272	-0.002053	4	15.615	12.0854	38.5
11F RF	D1	UDCon11	Combination		-87.089	18.35	0.004129	4	15.615	12.0854	38.5
11F RF	D1	UDCon12	Combination		-91.225	20.155	0.004263	4	15.615	12.0854	38.5
11F RF	D1	UDCon13	Combination	Max	-1.752	45.59	0.005756	4	15.615	12.0854	38.5
11F RF	D1	UDCon13	Combination	Min	-136.682	-18.404	0.000994	4	15.615	12.0854	38.5
11F RF	D1	UDCon14	Combination	Max	6.007	46.312	0.005177	4	15.615	12.0854	38.5
11F RF	D1	UDCon14	Combination	Min	-128.923	-17.682	0.000415	4	15.615	12.0854	38.5
11F RF	D1	UDCon15	Combination	Max	-8.923	41.304	0.005235	4	15.615	12.0854	38.5
11F RF	D1	UDCon15	Combination	Min	-115.24	-16.319	0.001033	4	15.615	12.0854	38.5
11F RF	D1	UDCon16	Combination	Max	-15.435	44.226	0.005138	4	15.615	12.0854	38.5
11F RF	D1	UDCon16	Combination	Min	-121.752	-13.396	0.000935	4	15.615	12.0854	38.5
11F RF	D1	UDCon17	Combination	Max	-0.925	45.229	0.005729	4	15.615	12.0854	38.5
11F RF	D1	UDCon17	Combination	Min	-135.854	-18.765	0.000967	4	15.615	12.0854	38.5
11F RF	D1	UDCon18	Combination	Max	6.834	45.951	0.00515	4	15.615	12.0854	38.5
11F RF	D1	UDCon18	Combination	Min	-128.096	-18.043	0.000388	4	15.615	12.0854	38.5
11F RF	D1	UDCon19	Combination	Max	-8.096	40.943	0.005209	4	15.615	12.0854	38.5
11F RF	D1	UDCon19	Combination	Min	-114.413	-16.68	0.001006	4	15.615	12.0854	38.5
11F RF	D1	UDCon20	Combination	Max	-14.608	43.865	0.005111	4	15.615	12.0854	38.5
11F RF	D1	UDCon20	Combination	Min	-120.925	-13.757	0.000909	4	15.615	12.0854	38.5
10F RF	D1	Dead	LinStatic		-27.414	7.136	0.001155	5	15.615	12.0854	35
10F RF	D1	Live	LinStatic		-2.56	1.085	7.8E-05	5	15.615	12.0854	35
10F RF	D1	FF	LinStatic		-18.482	3.445	0.000778	5	15.615	12.0854	35
10F RF	D1	PW	LinStatic		-16.492	2.358	0.000716	5	15.615	12.0854	35
10F RF	D1	Earthquake+x	LinStatic		95.742	-11.131	-0.002619	5	15.615	12.0854	35
10F RF	D1	Earthquake+y	LinStatic		-17.178	90.533	0.000905	5	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Max	58.787	28.258	0.002406	5	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Min	-65.786	-28.925	-0.001882	5	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Max	52.912	24.476	0.001942	5	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Min	-46.073	-27.118	-0.001857	5	15.615	12.0854	35
10F RF	D1	UDCon11	Combination		-84.223	17.468	0.003576	5	15.615	12.0854	35
10F RF	D1	UDCon12	Combination		-88.063	19.096	0.003692	5	15.615	12.0854	35
10F RF	D1	UDCon13	Combination	Max	-4.368	41.523	0.005078	5	15.615	12.0854	35
10F RF	D1	UDCon13	Combination	Min	-128.941	-15.66	0.000791	5	15.615	12.0854	35
10F RF	D1	UDCon14	Combination	Max	2.63	42.189	0.004554	5	15.615	12.0854	35
10F RF	D1	UDCon14	Combination	Min	-121.943	-14.993	0.000266	5	15.615	12.0854	35
10F RF	D1	UDCon15	Combination	Max	-10.243	37.741	0.004615	5	15.615	12.0854	35
10F RF	D1	UDCon15	Combination	Min	-109.229	-13.854	0.000815	5	15.615	12.0854	35
10F RF	D1	UDCon16	Combination	Max	-17.083	40.383	0.00453	5	15.615	12.0854	35
10F RF	D1	UDCon16	Combination	Min	-116.068	-11.211	0.00073	5	15.615	12.0854	35
10F RF	D1	UDCon17	Combination	Max	-3.6	41.197	0.005055	5	15.615	12.0854	35
10F RF	D1	UDCon17	Combination	Min	-128.173	-15.985	0.000767	5	15.615	12.0854	35
10F RF	D1	UDCon18	Combination	Max	3.398	41.864	0.004531	5	15.615	12.0854	35
10F RF	D1	UDCon18	Combination	Min	-121.175	-15.319	0.000243	5	15.615	12.0854	35
10F RF	D1	UDCon19	Combination	Max	-9.476	37.415	0.004591	5	15.615	12.0854	35
10F RF	D1	UDCon19	Combination	Min	-108.461	-14.179	0.000792	5	15.615	12.0854	35

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
10F RF	D1	UDCon20	Combination	Max	-16.315	40.058	0.004506	5	15.615	12.0854	35
10F RF	D1	UDCon20	Combination	Min	-115.3	-11.537	0.000707	5	15.615	12.0854	35
9F RF	D1	Dead	LinStatic		-26.268	6.618	0.000983	6	15.615	12.0854	31.5
9F RF	D1	Live	LinStatic		-2.368	0.971	6.6E-05	6	15.615	12.0854	31.5
9F RF	D1	FF	LinStatic		-17.924	3.32	0.000658	6	15.615	12.0854	31.5
9F RF	D1	PW	LinStatic		-16.087	2.355	0.000605	6	15.615	12.0854	31.5
9F RF	D1	Earthquake+x	LinStatic		87.451	-10.086	-0.002315	6	15.615	12.0854	31.5
9F RF	D1	Earthquake+y	LinStatic		-16.493	79.717	0.000826	6	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Max	53.861	24.892	0.002139	6	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Min	-60.108	-25.507	-0.001671	6	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Max	49.214	21.607	0.001732	6	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Min	-42.165	-23.972	-0.001659	6	15.615	12.0854	31.5
9F RF	D1	UDCon11	Combination		-81.378	16.597	0.003034	6	15.615	12.0854	31.5
9F RF	D1	UDCon12	Combination		-84.93	18.053	0.003133	6	15.615	12.0854	31.5
9F RF	D1	UDCon13	Combination	Max	-7.13	37.477	0.004406	6	15.615	12.0854	31.5
9F RF	D1	UDCon13	Combination	Min	-121.099	-12.922	0.000597	6	15.615	12.0854	31.5
9F RF	D1	UDCon14	Combination	Max	-0.882	38.092	0.003938	6	15.615	12.0854	31.5
9F RF	D1	UDCon14	Combination	Min	-114.851	-12.307	0.000128	6	15.615	12.0854	31.5
9F RF	D1	UDCon15	Combination	Max	-11.777	34.192	0.003999	6	15.615	12.0854	31.5
9F RF	D1	UDCon15	Combination	Min	-103.155	-11.387	0.000608	6	15.615	12.0854	31.5
9F RF	D1	UDCon16	Combination	Max	-18.825	36.557	0.003926	6	15.615	12.0854	31.5
9F RF	D1	UDCon16	Combination	Min	-110.204	-9.022	0.000535	6	15.615	12.0854	31.5
9F RF	D1	UDCon17	Combination	Max	-6.419	37.185	0.004386	6	15.615	12.0854	31.5
9F RF	D1	UDCon17	Combination	Min	-120.388	-13.213	0.000577	6	15.615	12.0854	31.5
9F RF	D1	UDCon18	Combination	Max	-0.172	37.8	0.003918	6	15.615	12.0854	31.5
9F RF	D1	UDCon18	Combination	Min	-114.141	-12.598	0.000108	6	15.615	12.0854	31.5
9F RF	D1	UDCon19	Combination	Max	-11.067	33.901	0.00398	6	15.615	12.0854	31.5
9F RF	D1	UDCon19	Combination	Min	-102.445	-11.678	0.000589	6	15.615	12.0854	31.5
9F RF	D1	UDCon20	Combination	Max	-18.115	36.266	0.003906	6	15.615	12.0854	31.5
9F RF	D1	UDCon20	Combination	Min	-109.494	-9.314	0.000515	6	15.615	12.0854	31.5
8F RF	D1	Dead	LinStatic		-25.144	6.123	0.000816	7	15.615	12.0854	28
8F RF	D1	Live	LinStatic		-2.182	0.86	5.5E-05	7	15.615	12.0854	28
8F RF	D1	FF	LinStatic		-17.375	3.205	0.000542	7	15.615	12.0854	28
8F RF	D1	PW	LinStatic		-15.685	2.358	0.000497	7	15.615	12.0854	28
8F RF	D1	Earthquake+x	LinStatic		79.002	-9.022	-0.002012	7	15.615	12.0854	28
8F RF	D1	Earthquake+y	LinStatic		-15.769	68.993	0.000742	7	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Max	48.821	21.552	0.001871	7	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Min	-54.333	-22.119	-0.001459	7	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Max	45.305	18.756	0.001521	7	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Min	-38.192	-20.844	-0.001457	7	15.615	12.0854	28
8F RF	D1	UDCon11	Combination		-78.576	15.776	0.002504	7	15.615	12.0854	28
8F RF	D1	UDCon12	Combination		-81.849	17.066	0.002586	7	15.615	12.0854	28
8F RF	D1	UDCon13	Combination	Max	-10.038	33.496	0.003743	7	15.615	12.0854	28
8F RF	D1	UDCon13	Combination	Min	-113.192	-10.175	0.000413	7	15.615	12.0854	28
8F RF	D1	UDCon14	Combination	Max	-4.526	34.063	0.00333	7	15.615	12.0854	28

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
8F RF	D1	UDCon14	Combination	Min	-107.68	-9.608	2.761E-07	7	15.615	12.0854	28
8F RF	D1	UDCon15	Combination	Max	-13.554	30.7	0.003392	7	15.615	12.0854	28
8F RF	D1	UDCon15	Combination	Min	-97.051	-8.9	0.000415	7	15.615	12.0854	28
8F RF	D1	UDCon16	Combination	Max	-20.667	32.787	0.003328	7	15.615	12.0854	28
8F RF	D1	UDCon16	Combination	Min	-104.165	-6.812	0.000351	7	15.615	12.0854	28
8F RF	D1	UDCon17	Combination	Max	-9.384	33.238	0.003726	7	15.615	12.0854	28
8F RF	D1	UDCon17	Combination	Min	-112.538	-10.433	0.000396	7	15.615	12.0854	28
8F RF	D1	UDCon18	Combination	Max	-3.872	33.805	0.003314	7	15.615	12.0854	28
8F RF	D1	UDCon18	Combination	Min	-107.026	-9.866	-1.6E-05	7	15.615	12.0854	28
8F RF	D1	UDCon19	Combination	Max	-12.899	30.442	0.003376	7	15.615	12.0854	28
8F RF	D1	UDCon19	Combination	Min	-96.397	-9.158	0.000398	7	15.615	12.0854	28
8F RF	D1	UDCon20	Combination	Max	-20.013	32.529	0.003312	7	15.615	12.0854	28
8F RF	D1	UDCon20	Combination	Min	-103.51	-7.07	0.000334	7	15.615	12.0854	28
7F RF	D1	Dead	LinStatic		-24.047	5.657	0.000653	8	15.615	12.0854	24.5
7F RF	D1	Live	LinStatic		-2.003	0.753	4.4E-05	8	15.615	12.0854	24.5
7F RF	D1	FF	LinStatic		-16.836	3.106	0.000428	8	15.615	12.0854	24.5
7F RF	D1	PW	LinStatic		-15.289	2.372	0.000392	8	15.615	12.0854	24.5
7F RF	D1	Earthquake+x	LinStatic		70.442	-7.935	-0.00171	8	15.615	12.0854	24.5
7F RF	D1	Earthquake+y	LinStatic		-15	58.415	0.000653	8	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Max	43.691	18.256	0.001603	8	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Min	-48.489	-18.777	-0.001248	8	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Max	41.185	15.936	0.001309	8	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Min	-34.172	-17.747	-0.001253	8	15.615	12.0854	24.5
7F RF	D1	UDCon11	Combination		-75.833	15.032	0.001989	8	15.615	12.0854	24.5
7F RF	D1	UDCon12	Combination		-78.837	16.162	0.002055	8	15.615	12.0854	24.5
7F RF	D1	UDCon13	Combination	Max	-13.082	29.617	0.00309	8	15.615	12.0854	24.5
7F RF	D1	UDCon13	Combination	Min	-105.262	-7.417	0.000239	8	15.615	12.0854	24.5
7F RF	D1	UDCon14	Combination	Max	-8.284	30.138	0.002734	8	15.615	12.0854	24.5
7F RF	D1	UDCon14	Combination	Min	-100.464	-6.895	-0.000117	8	15.615	12.0854	24.5
7F RF	D1	UDCon15	Combination	Max	-15.588	27.296	0.002795	8	15.615	12.0854	24.5
7F RF	D1	UDCon15	Combination	Min	-90.946	-6.387	0.000234	8	15.615	12.0854	24.5
7F RF	D1	UDCon16	Combination	Max	-22.601	29.108	0.002739	8	15.615	12.0854	24.5
7F RF	D1	UDCon16	Combination	Min	-97.958	-4.575	0.000178	8	15.615	12.0854	24.5
7F RF	D1	UDCon17	Combination	Max	-12.482	29.391	0.003077	8	15.615	12.0854	24.5
7F RF	D1	UDCon17	Combination	Min	-104.662	-7.643	0.000226	8	15.615	12.0854	24.5
7F RF	D1	UDCon18	Combination	Max	-7.683	29.912	0.002721	8	15.615	12.0854	24.5
7F RF	D1	UDCon18	Combination	Min	-99.863	-7.121	-0.00013	8	15.615	12.0854	24.5
7F RF	D1	UDCon19	Combination	Max	-14.987	27.07	0.002782	8	15.615	12.0854	24.5
7F RF	D1	UDCon19	Combination	Min	-90.345	-6.613	0.000221	8	15.615	12.0854	24.5
7F RF	D1	UDCon20	Combination	Max	-22	28.882	0.002726	8	15.615	12.0854	24.5
7F RF	D1	UDCon20	Combination	Min	-97.357	-4.801	0.000165	8	15.615	12.0854	24.5
6F RF	D1	Dead	LinStatic		-22.978	5.23	0.000496	9	15.615	12.0854	21
6F RF	D1	Live	LinStatic		-1.832	0.652	3.3E-05	9	15.615	12.0854	21
6F RF	D1	FF	LinStatic		-16.309	3.028	0.000318	9	15.615	12.0854	21
6F RF	D1	PW	LinStatic		-14.897	2.401	0.000291	9	15.615	12.0854	21

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
6F RF	D1	Earthquake+x	LinStatic		61.825	-6.827	-0.001412	9	15.615	12.0854	21
6F RF	D1	Earthquake+y	LinStatic		-14.181	48.049	0.000562	9	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Max	38.5	15.025	0.001337	9	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Min	-42.611	-15.502	-0.001038	9	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Max	36.862	13.162	0.001097	9	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Min	-30.127	-14.7	-0.001047	9	15.615	12.0854	21
6F RF	D1	UDCon11	Combination		-73.147	14.389	0.001492	9	15.615	12.0854	21
6F RF	D1	UDCon12	Combination		-75.896	15.367	0.001541	9	15.615	12.0854	21
6F RF	D1	UDCon13	Combination	Max	-16.233	25.879	0.002452	9	15.615	12.0854	21
6F RF	D1	UDCon13	Combination	Min	-97.344	-4.648	7.7E-05	9	15.615	12.0854	21
6F RF	D1	UDCon14	Combination	Max	-12.122	26.356	0.002152	9	15.615	12.0854	21
6F RF	D1	UDCon14	Combination	Min	-93.233	-4.17	-0.000223	9	15.615	12.0854	21
6F RF	D1	UDCon15	Combination	Max	-17.871	24.016	0.002212	9	15.615	12.0854	21
6F RF	D1	UDCon15	Combination	Min	-84.86	-3.846	6.8E-05	9	15.615	12.0854	21
6F RF	D1	UDCon16	Combination	Max	-24.606	25.554	0.002162	9	15.615	12.0854	21
6F RF	D1	UDCon16	Combination	Min	-91.595	-2.308	1.8E-05	9	15.615	12.0854	21
6F RF	D1	UDCon17	Combination	Max	-15.684	25.683	0.002442	9	15.615	12.0854	21
6F RF	D1	UDCon17	Combination	Min	-96.795	-4.844	6.8E-05	9	15.615	12.0854	21
6F RF	D1	UDCon18	Combination	Max	-11.572	26.16	0.002143	9	15.615	12.0854	21
6F RF	D1	UDCon18	Combination	Min	-92.683	-4.366	-0.000232	9	15.615	12.0854	21
6F RF	D1	UDCon19	Combination	Max	-17.321	23.82	0.002202	9	15.615	12.0854	21
6F RF	D1	UDCon19	Combination	Min	-84.31	-4.042	5.8E-05	9	15.615	12.0854	21
6F RF	D1	UDCon20	Combination	Max	-24.056	25.359	0.002152	9	15.615	12.0854	21
6F RF	D1	UDCon20	Combination	Min	-91.045	-2.504	8E-06	9	15.615	12.0854	21
5F RF	D1	Dead	LinStatic		-21.925	4.833	0.000345	10	15.615	12.0854	17.5
5F RF	D1	Live	LinStatic		-1.67	0.556	2.3E-05	10	15.615	12.0854	17.5
5F RF	D1	FF	LinStatic		-15.781	2.963	0.000213	10	15.615	12.0854	17.5
5F RF	D1	PW	LinStatic		-14.498	2.44	0.000194	10	15.615	12.0854	17.5
5F RF	D1	Earthquake+x	LinStatic		53.22	-5.72	-0.001117	10	15.615	12.0854	17.5
5F RF	D1	Earthquake+y	LinStatic		-13.315	37.977	0.000469	10	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Max	33.285	11.885	0.001075	10	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Min	-36.74	-12.321	-0.00083	10	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Max	32.36	10.461	0.000888	10	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Min	-26.083	-11.731	-0.000841	10	15.615	12.0854	17.5
5F RF	D1	UDCon11	Combination		-70.475	13.819	0.001015	10	15.615	12.0854	17.5
5F RF	D1	UDCon12	Combination		-72.98	14.653	0.001049	10	15.615	12.0854	17.5
5F RF	D1	UDCon13	Combination	Max	-19.42	22.287	0.001833	10	15.615	12.0854	17.5
5F RF	D1	UDCon13	Combination	Min	-89.445	-1.918	-7.1E-05	10	15.615	12.0854	17.5
5F RF	D1	UDCon14	Combination	Max	-15.964	22.724	0.001589	10	15.615	12.0854	17.5
5F RF	D1	UDCon14	Combination	Min	-85.989	-1.482	-0.000316	10	15.615	12.0854	17.5
5F RF	D1	UDCon15	Combination	Max	-20.345	20.864	0.001646	10	15.615	12.0854	17.5
5F RF	D1	UDCon15	Combination	Min	-78.788	-1.328	-8.2E-05	10	15.615	12.0854	17.5
5F RF	D1	UDCon16	Combination	Max	-26.621	22.134	0.0016	10	15.615	12.0854	17.5
5F RF	D1	UDCon16	Combination	Min	-85.064	-0.058	-0.000129	10	15.615	12.0854	17.5
5F RF	D1	UDCon17	Combination	Max	-18.919	22.12	0.001827	10	15.615	12.0854	17.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
5F RF	D1	UDCon17	Combination	Min	-88.944	-2.085	-7.8E-05	10	15.615	12.0854	17.5
5F RF	D1	UDCon18	Combination	Max	-15.463	22.557	0.001582	10	15.615	12.0854	17.5
5F RF	D1	UDCon18	Combination	Min	-85.488	-1.649	-0.000323	10	15.615	12.0854	17.5
5F RF	D1	UDCon19	Combination	Max	-19.844	20.697	0.00164	10	15.615	12.0854	17.5
5F RF	D1	UDCon19	Combination	Min	-78.287	-1.495	-8.9E-05	10	15.615	12.0854	17.5
5F RF	D1	UDCon20	Combination	Max	-26.12	21.967	0.001593	10	15.615	12.0854	17.5
5F RF	D1	UDCon20	Combination	Min	-84.563	-0.225	-0.000136	10	15.615	12.0854	17.5
4F RF	D1	Dead	LinStatic		-20.851	4.442	0.000203	11	15.615	12.0854	14
4F RF	D1	Live	LinStatic		-1.516	0.466	1.3E-05	11	15.615	12.0854	14
4F RF	D1	FF	LinStatic		-15.221	2.886	0.000114	11	15.615	12.0854	14
4F RF	D1	PW	LinStatic		-14.061	2.46	0.000102	11	15.615	12.0854	14
4F RF	D1	Earthquake+x	LinStatic		44.692	-4.659	-0.000828	11	15.615	12.0854	14
4F RF	D1	Earthquake+y	LinStatic		-12.418	28.344	0.000377	11	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Max	28.083	8.886	0.000816	11	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Min	-30.917	-9.289	-0.000626	11	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Max	27.706	7.88	0.000681	11	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Min	-22.068	-8.894	-0.000636	11	15.615	12.0854	14
4F RF	D1	UDCon11	Combination		-67.679	13.214	0.000565	11	15.615	12.0854	14
4F RF	D1	UDCon12	Combination		-69.953	13.912	0.000585	11	15.615	12.0854	14
4F RF	D1	UDCon13	Combination	Max	-22.504	18.814	0.001238	11	15.615	12.0854	14
4F RF	D1	UDCon13	Combination	Min	-81.504	0.639	-0.000203	11	15.615	12.0854	14
4F RF	D1	UDCon14	Combination	Max	-19.67	19.217	0.001048	11	15.615	12.0854	14
4F RF	D1	UDCon14	Combination	Min	-78.671	1.042	-0.000393	11	15.615	12.0854	14
4F RF	D1	UDCon15	Combination	Max	-22.882	17.807	0.001103	11	15.615	12.0854	14
4F RF	D1	UDCon15	Combination	Min	-72.655	1.034	-0.000213	11	15.615	12.0854	14
4F RF	D1	UDCon16	Combination	Max	-28.519	18.822	0.001058	11	15.615	12.0854	14
4F RF	D1	UDCon16	Combination	Min	-78.293	2.048	-0.000259	11	15.615	12.0854	14
4F RF	D1	UDCon17	Combination	Max	-22.049	18.674	0.001234	11	15.615	12.0854	14
4F RF	D1	UDCon17	Combination	Min	-81.05	0.499	-0.000207	11	15.615	12.0854	14
4F RF	D1	UDCon18	Combination	Max	-19.216	19.077	0.001044	11	15.615	12.0854	14
4F RF	D1	UDCon18	Combination	Min	-78.216	0.902	-0.000397	11	15.615	12.0854	14
4F RF	D1	UDCon19	Combination	Max	-22.427	17.668	0.0011	11	15.615	12.0854	14
4F RF	D1	UDCon19	Combination	Min	-72.201	0.894	-0.000217	11	15.615	12.0854	14
4F RF	D1	UDCon20	Combination	Max	-28.065	18.682	0.001054	11	15.615	12.0854	14
4F RF	D1	UDCon20	Combination	Min	-77.839	1.909	-0.000263	11	15.615	12.0854	14
3F RF	D1	Dead	LinStatic		-19.63	4.007	6.5E-05	12	15.615	12.0854	10.5
3F RF	D1	Live	LinStatic		-1.363	0.379	4E-06	12	15.615	12.0854	10.5
3F RF	D1	FF	LinStatic		-14.528	2.753	1.9E-05	12	15.615	12.0854	10.5
3F RF	D1	PW	LinStatic		-13.488	2.417	1.4E-05	12	15.615	12.0854	10.5
3F RF	D1	Earthquake+x	LinStatic		36.29	-3.724	-0.000538	12	15.615	12.0854	10.5
3F RF	D1	Earthquake+y	LinStatic		-11.511	19.395	0.000287	12	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Max	22.924	6.114	0.000558	12	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Min	-25.169	-6.493	-0.000422	12	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Max	22.926	5.496	0.000476	12	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Min	-18.234	-6.28	-0.000429	12	15.615	12.0854	10.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
3F RF	D1	UDCon11	Combination		-64.322	12.39	0.000132	12	15.615	12.0854	10.5
3F RF	D1	UDCon12	Combination		-66.366	12.959	0.000138	12	15.615	12.0854	10.5
3F RF	D1	UDCon13	Combination	Max	-25.131	15.406	0.000657	12	15.615	12.0854	10.5
3F RF	D1	UDCon13	Combination	Min	-73.224	2.799	-0.000323	12	15.615	12.0854	10.5
3F RF	D1	UDCon14	Combination	Max	-22.886	15.784	0.000521	12	15.615	12.0854	10.5
3F RF	D1	UDCon14	Combination	Min	-70.979	3.177	-0.00046	12	15.615	12.0854	10.5
3F RF	D1	UDCon15	Combination	Max	-25.129	14.788	0.000575	12	15.615	12.0854	10.5
3F RF	D1	UDCon15	Combination	Min	-66.288	3.011	-0.00033	12	15.615	12.0854	10.5
3F RF	D1	UDCon16	Combination	Max	-29.821	15.572	0.000527	12	15.615	12.0854	10.5
3F RF	D1	UDCon16	Combination	Min	-70.981	3.795	-0.000378	12	15.615	12.0854	10.5
3F RF	D1	UDCon17	Combination	Max	-24.722	15.292	0.000656	12	15.615	12.0854	10.5
3F RF	D1	UDCon17	Combination	Min	-72.815	2.685	-0.000324	12	15.615	12.0854	10.5
3F RF	D1	UDCon18	Combination	Max	-22.477	15.671	0.000519	12	15.615	12.0854	10.5
3F RF	D1	UDCon18	Combination	Min	-70.57	3.063	-0.000461	12	15.615	12.0854	10.5
3F RF	D1	UDCon19	Combination	Max	-24.72	14.674	0.000574	12	15.615	12.0854	10.5
3F RF	D1	UDCon19	Combination	Min	-65.879	2.898	-0.000331	12	15.615	12.0854	10.5
3F RF	D1	UDCon20	Combination	Max	-29.412	15.458	0.000526	12	15.615	12.0854	10.5
3F RF	D1	UDCon20	Combination	Min	-70.572	3.681	-0.000379	12	15.615	12.0854	10.5
2F RF	D1	Dead	LinStatic		-18.09	3.235	-7.7E-05	13	16.3665	12.0193	7
2F RF	D1	Live	LinStatic		-1.203	0.283	-5E-06	13	16.3665	12.0193	7
2F RF	D1	FF	LinStatic		-13.564	2.298	-8.1E-05	13	16.3665	12.0193	7
2F RF	D1	PW	LinStatic		-12.648	2.053	-7.9E-05	13	16.3665	12.0193	7
2F RF	D1	Earthquake+x	LinStatic		27.986	-3.202	-0.000234	13	16.3665	12.0193	7
2F RF	D1	Earthquake+y	LinStatic		-10.608	11.854	0.000196	13	16.3665	12.0193	7
2F RF	D1	TH-X Load Case	LinModHist	Max	17.784	3.885	0.000293	13	16.3665	12.0193	7
2F RF	D1	TH-X Load Case	LinModHist	Min	-19.462	-4.143	-0.00026	13	16.3665	12.0193	7
2F RF	D1	TH-Y Load Case	LinModHist	Max	18.005	3.625	0.000267	13	16.3665	12.0193	7
2F RF	D1	TH-Y Load Case	LinModHist	Min	-14.427	-4.161	-0.000218	13	16.3665	12.0193	7
2F RF	D1	UDCon11	Combination		-59.807	10.24	-0.00032	13	16.3665	12.0193	7
2F RF	D1	UDCon12	Combination		-61.611	10.665	-0.000328	13	16.3665	12.0193	7
2F RF	D1	UDCon13	Combination	Max	-26.878	11.555	5.5E-05	13	16.3665	12.0193	7
2F RF	D1	UDCon13	Combination	Min	-64.124	3.527	-0.000499	13	16.3665	12.0193	7
2F RF	D1	UDCon14	Combination	Max	-25.2	11.813	2.1E-05	13	16.3665	12.0193	7
2F RF	D1	UDCon14	Combination	Min	-62.446	3.785	-0.000532	13	16.3665	12.0193	7
2F RF	D1	UDCon15	Combination	Max	-26.657	11.296	2.8E-05	13	16.3665	12.0193	7
2F RF	D1	UDCon15	Combination	Min	-59.089	3.509	-0.000457	13	16.3665	12.0193	7
2F RF	D1	UDCon16	Combination	Max	-30.235	11.832	-2.1E-05	13	16.3665	12.0193	7
2F RF	D1	UDCon16	Combination	Min	-62.667	4.045	-0.000506	13	16.3665	12.0193	7
2F RF	D1	UDCon17	Combination	Max	-26.517	11.47	5.6E-05	13	16.3665	12.0193	7
2F RF	D1	UDCon17	Combination	Min	-63.764	3.443	-0.000497	13	16.3665	12.0193	7
2F RF	D1	UDCon18	Combination	Max	-24.839	11.728	2.3E-05	13	16.3665	12.0193	7
2F RF	D1	UDCon18	Combination	Min	-62.085	3.7	-0.00053	13	16.3665	12.0193	7
2F RF	D1	UDCon19	Combination	Max	-26.296	11.211	3E-05	13	16.3665	12.0193	7
2F RF	D1	UDCon19	Combination	Min	-58.728	3.424	-0.000455	13	16.3665	12.0193	7
2F RF	D1	UDCon20	Combination	Max	-29.874	11.747	-1.9E-05	13	16.3665	12.0193	7

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
2F RF	D1	UDCon20	Combination	Min	-62.306	3.96	-0.000504	13	16.3665	12.0193	7
1F RF	D1	Dead	LinStatic		-15.731	2.496	-0.000245	14	15.7585	12.0256	3.5
1F RF	D1	Live	LinStatic		-1.006	0.211	-1.5E-05	14	15.7585	12.0256	3.5
1F RF	D1	FF	LinStatic		-11.934	1.826	-0.000201	14	15.7585	12.0256	3.5
1F RF	D1	PW	LinStatic		-11.167	1.647	-0.00019	14	15.7585	12.0256	3.5
1F RF	D1	Earthquake+x	LinStatic		19.904	-2.702	0.000105	14	15.7585	12.0256	3.5
1F RF	D1	Earthquake+y	LinStatic		-9.698	6.43	0.000126	14	15.7585	12.0256	3.5
1F RF	D1	TH-X Load Case	LinModHist	Max	12.74	2.298	0.000123	14	15.7585	12.0256	3.5
1F RF	D1	TH-X Load Case	LinModHist	Min	-13.878	-2.676	-0.000111	14	15.7585	12.0256	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Max	13.024	2.221	0.000113	14	15.7585	12.0256	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Min	-10.625	-2.675	-0.000111	14	15.7585	12.0256	3.5
1F RF	D1	UDCon11	Combination		-52.424	8.058	-0.000859	14	15.7585	12.0256	3.5
1F RF	D1	UDCon12	Combination		-53.932	8.375	-0.000882	14	15.7585	12.0256	3.5
1F RF	D1	UDCon13	Combination	Max	-26.394	8.33	-0.000518	14	15.7585	12.0256	3.5
1F RF	D1	UDCon13	Combination	Min	-53.012	3.356	-0.000752	14	15.7585	12.0256	3.5
1F RF	D1	UDCon14	Combination	Max	-25.256	8.708	-0.00053	14	15.7585	12.0256	3.5
1F RF	D1	UDCon14	Combination	Min	-51.875	3.734	-0.000764	14	15.7585	12.0256	3.5
1F RF	D1	UDCon15	Combination	Max	-26.11	8.253	-0.000528	14	15.7585	12.0256	3.5
1F RF	D1	UDCon15	Combination	Min	-49.759	3.357	-0.000752	14	15.7585	12.0256	3.5
1F RF	D1	UDCon16	Combination	Max	-28.509	8.707	-0.000529	14	15.7585	12.0256	3.5
1F RF	D1	UDCon16	Combination	Min	-52.158	3.811	-0.000754	14	15.7585	12.0256	3.5
1F RF	D1	UDCon17	Combination	Max	-26.092	8.267	-0.000513	14	15.7585	12.0256	3.5
1F RF	D1	UDCon17	Combination	Min	-52.711	3.293	-0.000747	14	15.7585	12.0256	3.5
1F RF	D1	UDCon18	Combination	Max	-24.954	8.645	-0.000525	14	15.7585	12.0256	3.5
1F RF	D1	UDCon18	Combination	Min	-51.573	3.671	-0.000759	14	15.7585	12.0256	3.5
1F RF	D1	UDCon19	Combination	Max	-25.809	8.19	-0.000523	14	15.7585	12.0256	3.5
1F RF	D1	UDCon19	Combination	Min	-49.458	3.293	-0.000748	14	15.7585	12.0256	3.5
1F RF	D1	UDCon20	Combination	Max	-28.207	8.644	-0.000525	14	15.7585	12.0256	3.5
1F RF	D1	UDCon20	Combination	Min	-51.856	3.747	-0.000749	14	15.7585	12.0256	3.5
Base	D1	Dead	LinStatic		0.002	0.033	-0.000479	15	20.0769	9.39	0
Base	D1	Live	LinStatic		0.002	0.002	-3.7E-05	15	20.0769	9.39	0
Base	D1	FF	LinStatic		0.009	0.035	-0.000377	15	20.0769	9.39	0
Base	D1	PW	LinStatic		0.011	0.035	-0.000356	15	20.0769	9.39	0
Base	D1	Earthquake+x	LinStatic		0.27	0.214	0.000522	15	20.0769	9.39	0
Base	D1	Earthquake+y	LinStatic		-0.139	-0.141	-0.000205	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Max	0.167	0.135	0.000324	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Min	-0.174	-0.143	-0.000334	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Max	0.165	0.131	0.000332	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Min	-0.144	-0.116	-0.000279	15	20.0769	9.39	0
Base	D1	UDCon11	Combination		0.03	0.139	-0.001636	15	20.0769	9.39	0
Base	D1	UDCon12	Combination		0.034	0.142	-0.001691	15	20.0769	9.39	0
Base	D1	UDCon13	Combination	Max	0.19	0.238	-0.000899	15	20.0769	9.39	0
Base	D1	UDCon13	Combination	Min	-0.151	-0.04	-0.001557	15	20.0769	9.39	0
Base	D1	UDCon14	Combination	Max	0.197	0.247	-0.000888	15	20.0769	9.39	0
Base	D1	UDCon14	Combination	Min	-0.144	-0.031	-0.001546	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	UDCon15	Combination	Max	0.188	0.235	-0.00089	15	20.0769	9.39	0
Base	D1	UDCon15	Combination	Min	-0.121	-0.013	-0.001502	15	20.0769	9.39	0
Base	D1	UDCon16	Combination	Max	0.167	0.22	-0.000943	15	20.0769	9.39	0
Base	D1	UDCon16	Combination	Min	-0.142	-0.028	-0.001555	15	20.0769	9.39	0
Base	D1	UDCon17	Combination	Max	0.189	0.237	-0.000888	15	20.0769	9.39	0
Base	D1	UDCon17	Combination	Min	-0.152	-0.041	-0.001546	15	20.0769	9.39	0
Base	D1	UDCon18	Combination	Max	0.196	0.246	-0.000877	15	20.0769	9.39	0
Base	D1	UDCon18	Combination	Min	-0.145	-0.032	-0.001535	15	20.0769	9.39	0
Base	D1	UDCon19	Combination	Max	0.187	0.234	-0.000879	15	20.0769	9.39	0
Base	D1	UDCon19	Combination	Min	-0.122	-0.014	-0.001491	15	20.0769	9.39	0
Base	D1	UDCon20	Combination	Max	0.167	0.219	-0.000932	15	20.0769	9.39	0
Base	D1	UDCon20	Combination	Min	-0.143	-0.029	-0.001544	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	0.000721	0.000337	2.14	44	26.8	19.6	49
14	Dead	LinStatic		Diaph D1 Y	0.000731	0.000124	5.88	45	26.8	14.8	49
14	Live	LinStatic		Diaph D1 X	8.6E-05	5.9E-05	1.449	32	11.4	19.6	49
14	Live	LinStatic		Diaph D1 Y	7.5E-05	3.3E-05	2.243	45	26.8	14.8	49
14	FF	LinStatic		Diaph D1 X	0.000429	0.00016	2.685	44	26.8	19.6	49
14	PW	LinStatic		Diaph D1 X	0.000362	0.000113	3.2	44	26.8	19.6	49
14	PW	LinStatic		Diaph D1 Y	0.000419	2.5E-05	16.943	39	3.75	10	49
14	Earthquake+x	LinStatic		Diaph D1 X	0.002767	0.002133	1.297	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Diaph D1 Y	0.001241	0.000258	4.803	45	26.8	14.8	49
14	Earthquake+y	LinStatic		Diaph D1 Y	0.003293	0.003064	1.075	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001691	0.001265	1.336	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001265	0.000999	1.267	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002027	0.001523	1.331	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001301	0.001067	1.219	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001572	0.001233	1.275	6	20.5	19.6	49

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001278	0.00096	1.331	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001492	0.001115	1.338	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001248	0.000929	1.343	45	26.8	14.8	49
14	UDCon11	Combination		Diaph D1 X	0.002041	0.000823	2.479	44	26.8	19.6	49
14	UDCon11	Combination		Diaph D1 Y	0.002076	0.00015	13.884	45	26.8	14.8	49
14	UDCon12	Combination		Diaph D1 X	0.00217	0.000912	2.379	44	26.8	19.6	49
14	UDCon12	Combination		Diaph D1 Y	0.002189	0.0002	10.959	45	26.8	14.8	49
14	UDCon13	Combination	Max	Diaph D1 X	0.001132	0.000634	1.785	40	3.75	5	49
14	UDCon13	Combination	Max	Diaph D1 Y	0.002826	0.00112	2.523	45	26.8	14.8	49
14	UDCon13	Combination	Min	Diaph D1 X	0.003561	0.002155	1.652	6	20.5	19.6	49
14	UDCon13	Combination	Min	Diaph D1 Y	0.002153	0.000947	2.274	33	3.75	19.6	49
14	UDCon14	Combination	Max	Diaph D1 X	0.001314	0.000891	1.476	40	3.75	5	49
14	UDCon14	Combination	Max	Diaph D1 Y	0.002862	0.001188	2.409	45	26.8	14.8	49
14	UDCon14	Combination	Min	Diaph D1 X	0.003225	0.001896	1.701	6	20.5	19.6	49
14	UDCon14	Combination	Min	Diaph D1 Y	0.002052	0.000878	2.336	39	3.75	10	49
14	UDCon15	Combination	Max	Diaph D1 X	0.001191	0.000604	1.973	40	3.75	5	49
14	UDCon15	Combination	Max	Diaph D1 Y	0.002838	0.001214	2.338	45	26.8	14.8	49
14	UDCon15	Combination	Min	Diaph D1 X	0.003026	0.001745	1.734	6	20.5	19.6	49
14	UDCon15	Combination	Min	Diaph D1 Y	0.00193	0.000809	2.386	39	3.75	10	49
14	UDCon16	Combination	Max	Diaph D1 X	0.00103	0.000482	2.136	40	3.75	5	49
14	UDCon16	Combination	Max	Diaph D1 Y	0.002809	0.00105	2.674	45	26.8	14.8	49
14	UDCon16	Combination	Min	Diaph D1 X	0.003106	0.001866	1.664	6	20.5	19.6	49

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	UDCon16	Combination	Min	Diaph D1 Y	0.002229	0.000973	2.29	33	3.75	19.6	49
14	UDCon17	Combination	Max	Diaph D1 X	0.001142	0.000652	1.752	40	3.75	5	49
14	UDCon17	Combination	Max	Diaph D1 Y	0.002803	0.00111	2.526	45	26.8	14.8	49
14	UDCon17	Combination	Min	Diaph D1 X	0.003535	0.002137	1.654	6	20.5	19.6	49
14	UDCon17	Combination	Min	Diaph D1 Y	0.002151	0.000957	2.247	33	3.75	19.6	49
14	UDCon18	Combination	Max	Diaph D1 X	0.001324	0.000908	1.457	40	3.75	5	49
14	UDCon18	Combination	Max	Diaph D1 Y	0.002839	0.001178	2.411	45	26.8	14.8	49
14	UDCon18	Combination	Min	Diaph D1 X	0.003199	0.001878	1.703	6	20.5	19.6	49
14	UDCon18	Combination	Min	Diaph D1 Y	0.002049	0.000888	2.307	39	3.75	10	49
14	UDCon19	Combination	Max	Diaph D1 X	0.001201	0.000621	1.933	40	3.75	5	49
14	UDCon19	Combination	Max	Diaph D1 Y	0.002816	0.001204	2.339	45	26.8	14.8	49
14	UDCon19	Combination	Min	Diaph D1 X	0.003	0.001728	1.737	6	20.5	19.6	49
14	UDCon19	Combination	Min	Diaph D1 Y	0.001927	0.000819	2.354	39	3.75	10	49
14	UDCon20	Combination	Max	Diaph D1 X	0.001039	0.0005	2.08	40	3.75	5	49
14	UDCon20	Combination	Max	Diaph D1 Y	0.002786	0.00104	2.678	45	26.8	14.8	49
14	UDCon20	Combination	Min	Diaph D1 X	0.00308	0.001848	1.666	6	20.5	19.6	49
14	UDCon20	Combination	Min	Diaph D1 Y	0.002226	0.000983	2.265	33	3.75	19.6	49
13	Dead	LinStatic		Diaph D1 X	0.000722	0.000344	2.098	32	11.4	19.6	45.5
13	Dead	LinStatic		Diaph D1 Y	0.000732	0.000131	5.575	45	26.8	14.8	45.5
13	Live	LinStatic		Diaph D1 X	8.5E-05	5.9E-05	1.442	32	11.4	19.6	45.5
13	Live	LinStatic		Diaph D1 Y	7.4E-05	3.3E-05	2.232	45	26.8	14.8	45.5
13	FF	LinStatic		Diaph D1 X	0.00043	0.000166	2.597	32	11.4	19.6	45.5
13	FF	LinStatic		Diaph D1 Y	0.000439	1.8E-05	24.416	45	26.8	14.8	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	PW	LinStatic		Diaph D1 X	0.000363	0.000119	3.054	32	11.4	19.6	45.5
13	PW	LinStatic		Diaph D1 Y	0.000407	1.8E-05	23.119	33	3.75	19.6	45.5
13	Earthquake+x	LinStatic		Diaph D1 X	0.002836	0.002198	1.29	6	20.5	19.6	45.5
13	Earthquake+x	LinStatic		Diaph D1 Y	0.001245	0.000257	4.841	45	26.8	14.8	45.5
13	Earthquake+y	LinStatic		Diaph D1 Y	0.003327	0.003086	1.078	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001734	0.001303	1.33	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001279	0.001005	1.273	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002074	0.001564	1.326	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001316	0.001077	1.222	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001604	0.001265	1.267	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001288	0.000967	1.332	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001523	0.001143	1.333	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001257	0.000934	1.347	45	26.8	14.8	45.5
13	UDCon11	Combination		Diaph D1 X	0.002045	0.000848	2.41	32	11.4	19.6	45.5
13	UDCon11	Combination		Diaph D1 Y	0.002083	0.000178	11.725	45	26.8	14.8	45.5
13	UDCon12	Combination		Diaph D1 X	0.002173	0.000937	2.318	32	11.4	19.6	45.5
13	UDCon12	Combination		Diaph D1 Y	0.002195	0.000228	9.64	45	26.8	14.8	45.5
13	UDCon13	Combination	Max	Diaph D1 X	0.00113	0.000659	1.717	28	20.5	5	45.5
13	UDCon13	Combination	Max	Diaph D1 Y	0.002845	0.001149	2.476	45	26.8	14.8	45.5
13	UDCon13	Combination	Min	Diaph D1 X	0.003606	0.002213	1.63	32	11.4	19.6	45.5
13	UDCon13	Combination	Min	Diaph D1 Y	0.002128	0.000939	2.266	33	3.75	19.6	45.5
13	UDCon14	Combination	Max	Diaph D1 X	0.001316	0.00092	1.429	28	20.5	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	UDCon14	Combination	Max	Diaph D1 Y	0.002881	0.001223	2.357	45	26.8	14.8	45.5
13	UDCon14	Combination	Min	Diaph D1 X	0.003267	0.001951	1.675	32	11.4	19.6	45.5
13	UDCon14	Combination	Min	Diaph D1 Y	0.002017	0.000866	2.331	33	3.75	19.6	45.5
13	UDCon15	Combination	Max	Diaph D1 X	0.001192	0.000625	1.907	28	20.5	5	45.5
13	UDCon15	Combination	Max	Diaph D1 Y	0.002853	0.001249	2.284	45	26.8	14.8	45.5
13	UDCon15	Combination	Min	Diaph D1 X	0.003057	0.00179	1.708	32	11.4	19.6	45.5
13	UDCon15	Combination	Min	Diaph D1 Y	0.001897	0.000795	2.388	33	3.75	19.6	45.5
13	UDCon16	Combination	Max	Diaph D1 X	0.00102	0.000498	2.048	28	20.5	5	45.5
13	UDCon16	Combination	Max	Diaph D1 Y	0.002823	0.001078	2.619	45	26.8	14.8	45.5
13	UDCon16	Combination	Min	Diaph D1 X	0.003139	0.001915	1.639	32	11.4	19.6	45.5
13	UDCon16	Combination	Min	Diaph D1 Y	0.002209	0.000966	2.288	33	3.75	19.6	45.5
13	UDCon17	Combination	Max	Diaph D1 X	0.001141	0.000676	1.686	28	20.5	5	45.5
13	UDCon17	Combination	Max	Diaph D1 Y	0.002822	0.001139	2.478	45	26.8	14.8	45.5
13	UDCon17	Combination	Min	Diaph D1 X	0.003581	0.002195	1.631	32	11.4	19.6	45.5
13	UDCon17	Combination	Min	Diaph D1 Y	0.002126	0.000949	2.239	33	3.75	19.6	45.5
13	UDCon18	Combination	Max	Diaph D1 X	0.001326	0.000938	1.413	28	20.5	5	45.5
13	UDCon18	Combination	Max	Diaph D1 Y	0.002859	0.001213	2.358	45	26.8	14.8	45.5
13	UDCon18	Combination	Min	Diaph D1 X	0.003242	0.001933	1.677	32	11.4	19.6	45.5
13	UDCon18	Combination	Min	Diaph D1 Y	0.002015	0.000876	2.301	33	3.75	19.6	45.5
13	UDCon19	Combination	Max	Diaph D1 X	0.001202	0.000643	1.87	28	20.5	5	45.5
13	UDCon19	Combination	Max	Diaph D1 Y	0.002831	0.001239	2.285	45	26.8	14.8	45.5
13	UDCon19	Combination	Min	Diaph D1 X	0.003031	0.001772	1.711	32	11.4	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	UDCon19	Combination	Min	Diaph D1 Y	0.001895	0.000805	2.355	33	3.75	19.6	45.5
13	UDCon20	Combination	Max	Diaph D1 X	0.00103	0.000516	1.997	28	20.5	5	45.5
13	UDCon20	Combination	Max	Diaph D1 Y	0.002801	0.001068	2.623	45	26.8	14.8	45.5
13	UDCon20	Combination	Min	Diaph D1 X	0.003113	0.001897	1.641	32	11.4	19.6	45.5
13	UDCon20	Combination	Min	Diaph D1 Y	0.002207	0.000976	2.262	33	3.75	19.6	45.5
12F RF	Dead	LinStatic		Diaph D1 X	0.000718	0.000345	2.082	32	11.4	19.6	42
12F RF	Dead	LinStatic		Diaph D1 Y	0.000727	0.000133	5.452	45	26.8	14.8	42
12F RF	Live	LinStatic		Diaph D1 X	8.4E-05	5.8E-05	1.439	32	11.4	19.6	42
12F RF	Live	LinStatic		Diaph D1 Y	7.3E-05	3.3E-05	2.232	45	26.8	14.8	42
12F RF	FF	LinStatic		Diaph D1 X	0.000429	0.000168	2.561	32	11.4	19.6	42
12F RF	FF	LinStatic		Diaph D1 Y	0.000438	2.2E-05	20.316	45	26.8	14.8	42
12F RF	PW	LinStatic		Diaph D1 X	0.000363	0.000121	2.991	32	11.4	19.6	42
12F RF	PW	LinStatic		Diaph D1 Y	0.000398	1.4E-05	29.355	33	3.75	19.6	42
12F RF	Earthquake+x	LinStatic		Diaph D1 X	0.002904	0.002263	1.283	11	7	19.6	42
12F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001251	0.000257	4.863	45	26.8	14.8	42
12F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003352	0.003099	1.082	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001777	0.001342	1.324	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001291	0.001008	1.281	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002121	0.001605	1.321	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001329	0.001083	1.227	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001633	0.001294	1.262	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001295	0.000971	1.334	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00155	0.001167	1.328	6	20.5	19.6	42

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001265	0.000936	1.352	45	26.8	14.8	42
12F RF	UDCon11	Combination		Diaph D1 X	0.00204	0.000856	2.383	32	11.4	19.6	42
12F RF	UDCon11	Combination		Diaph D1 Y	0.002073	0.000191	10.873	45	26.8	14.8	42
12F RF	UDCon12	Combination		Diaph D1 X	0.002166	0.000944	2.295	32	11.4	19.6	42
12F RF	UDCon12	Combination		Diaph D1 Y	0.002184	0.00024	9.097	45	26.8	14.8	42
12F RF	UDCon13	Combination	Max	Diaph D1 X	0.00116	0.000697	1.663	28	20.5	5	42
12F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002849	0.001161	2.454	45	26.8	14.8	42
12F RF	UDCon13	Combination	Min	Diaph D1 X	0.003655	0.002262	1.616	11	7	19.6	42
12F RF	UDCon13	Combination	Min	Diaph D1 Y	0.0021	0.000936	2.245	33	3.75	19.6	42
12F RF	UDCon14	Combination	Max	Diaph D1 X	0.001343	0.00096	1.399	28	20.5	5	42
12F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002887	0.001238	2.332	45	26.8	14.8	42
12F RF	UDCon14	Combination	Min	Diaph D1 X	0.003311	0.001999	1.656	11	7	19.6	42
12F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001984	0.000859	2.31	33	3.75	19.6	42
12F RF	UDCon15	Combination	Max	Diaph D1 X	0.001209	0.00065	1.86	28	20.5	5	42
12F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002853	0.001265	2.256	45	26.8	14.8	42
12F RF	UDCon15	Combination	Min	Diaph D1 X	0.003084	0.001823	1.691	11	7	19.6	42
12F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001866	0.000786	2.372	33	3.75	19.6	42
12F RF	UDCon16	Combination	Max	Diaph D1 X	0.001034	0.000521	1.983	28	20.5	5	42
12F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002823	0.001089	2.593	45	26.8	14.8	42
12F RF	UDCon16	Combination	Min	Diaph D1 X	0.003168	0.001951	1.624	11	7	19.6	42
12F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002188	0.000963	2.273	33	3.75	19.6	42
12F RF	UDCon17	Combination	Max	Diaph D1 X	0.00117	0.000715	1.636	28	20.5	5	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	UDCon17	Combination	Max	Diaph D1 Y	0.002827	0.001151	2.456	45	26.8	14.8	42
12F RF	UDCon17	Combination	Min	Diaph D1 X	0.00363	0.002244	1.617	11	7	19.6	42
12F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002098	0.000945	2.219	33	3.75	19.6	42
12F RF	UDCon18	Combination	Max	Diaph D1 X	0.001353	0.000977	1.384	28	20.5	5	42
12F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002865	0.001228	2.333	45	26.8	14.8	42
12F RF	UDCon18	Combination	Min	Diaph D1 X	0.003286	0.001982	1.658	11	7	19.6	42
12F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001981	0.000869	2.281	33	3.75	19.6	42
12F RF	UDCon19	Combination	Max	Diaph D1 X	0.001219	0.000668	1.826	28	20.5	5	42
12F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002831	0.001255	2.256	45	26.8	14.8	42
12F RF	UDCon19	Combination	Min	Diaph D1 X	0.003059	0.001806	1.694	11	7	19.6	42
12F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001863	0.000796	2.34	33	3.75	19.6	42
12F RF	UDCon20	Combination	Max	Diaph D1 X	0.001044	0.000539	1.937	28	20.5	5	42
12F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002801	0.001079	2.596	45	26.8	14.8	42
12F RF	UDCon20	Combination	Min	Diaph D1 X	0.003142	0.001933	1.625	11	7	19.6	42
12F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002186	0.000973	2.247	33	3.75	19.6	42
11F RF	Dead	LinStatic		Diaph D1 X	0.000711	0.000343	2.075	11	7	19.6	38.5
11F RF	Dead	LinStatic		Diaph D1 Y	0.000718	0.000133	5.402	45	26.8	14.8	38.5
11F RF	Live	LinStatic		Diaph D1 X	8.2E-05	5.7E-05	1.44	11	7	19.6	38.5
11F RF	Live	LinStatic		Diaph D1 Y	7.2E-05	3.2E-05	2.235	45	26.8	14.8	38.5
11F RF	FF	LinStatic		Diaph D1 X	0.000426	0.000168	2.535	11	7	19.6	38.5
11F RF	FF	LinStatic		Diaph D1 Y	0.000433	2.3E-05	18.626	45	26.8	14.8	38.5
11F RF	PW	LinStatic		Diaph D1 X	0.000362	0.000123	2.941	11	7	19.6	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 X	0.00297	0.002327	1.276	11	7	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	Earthquake+x	LinStatic		Diaph D1 Y	0.001257	0.000259	4.863	45	26.8	14.8	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003366	0.003099	1.086	45	26.8	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001819	0.001381	1.317	11	7	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001301	0.001008	1.291	45	26.8	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002164	0.001642	1.318	11	7	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001339	0.001086	1.233	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001655	0.001314	1.259	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.0013	0.000973	1.336	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00157	0.001186	1.324	11	7	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00127	0.000935	1.359	45	26.8	14.8	38.5
11F RF	UDCon11	Combination		Diaph D1 X	0.002024	0.000856	2.365	11	7	19.6	38.5
11F RF	UDCon11	Combination		Diaph D1 Y	0.002051	0.000196	10.482	45	26.8	14.8	38.5
11F RF	UDCon12	Combination		Diaph D1 X	0.002148	0.000942	2.28	11	7	19.6	38.5
11F RF	UDCon12	Combination		Diaph D1 Y	0.002159	0.000244	8.848	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Max	Diaph D1 X	0.001185	0.000737	1.608	28	20.5	5	38.5
11F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002842	0.001164	2.441	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Min	Diaph D1 X	0.003688	0.0023	1.604	11	7	19.6	38.5
11F RF	UDCon13	Combination	Min	Diaph D1 Y	0.00207	0.000932	2.221	33	3.75	19.6	38.5
11F RF	UDCon14	Combination	Max	Diaph D1 X	0.001361	0.000996	1.366	28	20.5	5	38.5
11F RF	UDCon14	Combination	Max	Diaph D1 Y	0.00288	0.001243	2.316	45	26.8	14.8	38.5
11F RF	UDCon14	Combination	Min	Diaph D1 X	0.003343	0.002039	1.64	11	7	19.6	38.5
11F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001949	0.000853	2.285	33	3.75	19.6	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	UDCon15	Combination	Max	Diaph D1 X	0.001213	0.000669	1.813	28	20.5	5	38.5
11F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002841	0.001272	2.234	45	26.8	14.8	38.5
11F RF	UDCon15	Combination	Min	Diaph D1 X	0.003094	0.001844	1.678	11	7	19.6	38.5
11F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001833	0.00078	2.351	33	3.75	19.6	38.5
11F RF	UDCon16	Combination	Max	Diaph D1 X	0.001039	0.000541	1.921	28	20.5	5	38.5
11F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002811	0.00109	2.578	45	26.8	14.8	38.5
11F RF	UDCon16	Combination	Min	Diaph D1 X	0.003178	0.001971	1.612	11	7	19.6	38.5
11F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002165	0.000962	2.25	33	3.75	19.6	38.5
11F RF	UDCon17	Combination	Max	Diaph D1 X	0.001195	0.000754	1.585	28	20.5	5	38.5
11F RF	UDCon17	Combination	Max	Diaph D1 Y	0.00282	0.001154	2.443	45	26.8	14.8	38.5
11F RF	UDCon17	Combination	Min	Diaph D1 X	0.003663	0.002282	1.605	11	7	19.6	38.5
11F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002067	0.000942	2.196	33	3.75	19.6	38.5
11F RF	UDCon18	Combination	Max	Diaph D1 X	0.00137	0.001013	1.353	28	20.5	5	38.5
11F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002858	0.001234	2.317	45	26.8	14.8	38.5
11F RF	UDCon18	Combination	Min	Diaph D1 X	0.003319	0.002022	1.642	11	7	19.6	38.5
11F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001947	0.000863	2.257	33	3.75	19.6	38.5
11F RF	UDCon19	Combination	Max	Diaph D1 X	0.001222	0.000686	1.782	28	20.5	5	38.5
11F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002819	0.001262	2.234	45	26.8	14.8	38.5
11F RF	UDCon19	Combination	Min	Diaph D1 X	0.00307	0.001827	1.681	11	7	19.6	38.5
11F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001831	0.000789	2.32	33	3.75	19.6	38.5
11F RF	UDCon20	Combination	Max	Diaph D1 X	0.001049	0.000558	1.879	28	20.5	5	38.5
11F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002789	0.001081	2.581	45	26.8	14.8	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	UDCon20	Combination	Min	Diaph D1 X	0.003154	0.001954	1.614	11	7	19.6	38.5
11F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002163	0.000972	2.225	33	3.75	19.6	38.5
10F RF	Dead	LinStatic		Diaph D1 X	0.000702	0.000338	2.075	11	7	19.6	35
10F RF	Dead	LinStatic		Diaph D1 Y	0.000705	0.00013	5.428	45	26.8	14.8	35
10F RF	Live	LinStatic		Diaph D1 X	8E-05	5.6E-05	1.444	11	7	19.6	35
10F RF	Live	LinStatic		Diaph D1 Y	7E-05	3.1E-05	2.245	45	26.8	14.8	35
10F RF	FF	LinStatic		Diaph D1 X	0.000422	0.000167	2.53	11	7	19.6	35
10F RF	FF	LinStatic		Diaph D1 Y	0.000427	2.3E-05	18.292	43	26.8	5	35
10F RF	PW	LinStatic		Diaph D1 X	0.000358	0.000122	2.925	11	7	19.6	35
10F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003028	0.002383	1.271	11	7	19.6	35
10F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001264	0.000261	4.835	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003365	0.003085	1.091	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00186	0.001419	1.311	11	7	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001308	0.001008	1.297	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002203	0.001674	1.316	11	7	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001346	0.001085	1.241	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001669	0.001326	1.259	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001301	0.000972	1.339	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001585	0.0012	1.321	11	7	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001272	0.00093	1.368	45	26.8	14.8	35
10F RF	UDCon11	Combination		Diaph D1 X	0.002	0.000847	2.362	11	7	19.6	35
10F RF	UDCon11	Combination		Diaph D1 Y	0.002018	0.000193	10.472	43	26.8	5	35
10F RF	UDCon12	Combination		Diaph D1 X	0.00212	0.00093	2.279	11	7	19.6	35
10F RF	UDCon12	Combination		Diaph D1 Y	0.002123	0.00024	8.86	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	UDCon13	Combination	Max	Diaph D1 X	0.001218	0.000781	1.559	50	22.6	5	35
10F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002823	0.001164	2.426	45	26.8	14.8	35
10F RF	UDCon13	Combination	Min	Diaph D1 X	0.003708	0.002327	1.593	11	7	19.6	35
10F RF	UDCon13	Combination	Min	Diaph D1 Y	0.002038	0.000926	2.202	33	3.75	19.6	35
10F RF	UDCon14	Combination	Max	Diaph D1 X	0.001382	0.001035	1.336	50	22.6	5	35
10F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002861	0.001239	2.31	45	26.8	14.8	35
10F RF	UDCon14	Combination	Min	Diaph D1 X	0.003365	0.002072	1.624	11	7	19.6	35
10F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001927	0.000851	2.264	33	3.75	19.6	35
10F RF	UDCon15	Combination	Max	Diaph D1 X	0.001216	0.000687	1.771	50	22.6	5	35
10F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002817	0.001268	2.221	45	26.8	14.8	35
10F RF	UDCon15	Combination	Min	Diaph D1 X	0.00309	0.001852	1.669	11	7	19.6	35
10F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001801	0.000771	2.337	33	3.75	19.6	35
10F RF	UDCon16	Combination	Max	Diaph D1 X	0.001048	0.000561	1.867	50	22.6	5	35
10F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002788	0.001083	2.575	45	26.8	14.8	35
10F RF	UDCon16	Combination	Min	Diaph D1 X	0.003173	0.001977	1.605	11	7	19.6	35
10F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002143	0.000958	2.236	33	3.75	19.6	35
10F RF	UDCon17	Combination	Max	Diaph D1 X	0.001227	0.000798	1.538	50	22.6	5	35
10F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002802	0.001154	2.427	45	26.8	14.8	35
10F RF	UDCon17	Combination	Min	Diaph D1 X	0.003684	0.00231	1.594	11	7	19.6	35
10F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002036	0.000935	2.177	33	3.75	19.6	35
10F RF	UDCon18	Combination	Max	Diaph D1 X	0.001391	0.001051	1.324	50	22.6	5	35
10F RF	UDCon18	Combination	Max	Diaph D1 Y	0.00284	0.001229	2.311	45	26.8	14.8	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	UDCon18	Combination	Min	Diaph D1 X	0.003341	0.002055	1.626	11	7	19.6	35
10F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001925	0.000861	2.237	33	3.75	19.6	35
10F RF	UDCon19	Combination	Max	Diaph D1 X	0.001225	0.000703	1.742	50	22.6	5	35
10F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002796	0.001259	2.221	45	26.8	14.8	35
10F RF	UDCon19	Combination	Min	Diaph D1 X	0.003066	0.001835	1.671	11	7	19.6	35
10F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001798	0.00078	2.305	33	3.75	19.6	35
10F RF	UDCon20	Combination	Max	Diaph D1 X	0.001057	0.000578	1.83	50	22.6	5	35
10F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002767	0.001073	2.578	45	26.8	14.8	35
10F RF	UDCon20	Combination	Min	Diaph D1 X	0.003149	0.00196	1.607	11	7	19.6	35
10F RF	UDCon20	Combination	Min	Diaph D1 Y	0.00214	0.000968	2.212	33	3.75	19.6	35
9F RF	Dead	LinStatic		Diaph D1 X	0.000691	0.00033	2.094	11	7	19.6	31.5
9F RF	Dead	LinStatic		Diaph D1 Y	0.000694	0.000126	5.505	43	26.8	5	31.5
9F RF	Live	LinStatic		Diaph D1 X	7.8E-05	5.4E-05	1.453	11	7	19.6	31.5
9F RF	Live	LinStatic		Diaph D1 Y	6.9E-05	3E-05	2.263	43	26.8	5	31.5
9F RF	FF	LinStatic		Diaph D1 X	0.000416	0.000162	2.562	11	7	19.6	31.5
9F RF	FF	LinStatic		Diaph D1 Y	0.000422	2.3E-05	18.311	43	26.8	5	31.5
9F RF	PW	LinStatic		Diaph D1 X	0.000354	0.00012	2.962	11	7	19.6	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003074	0.00243	1.265	11	7	19.6	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001271	0.000266	4.781	44	26.8	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003349	0.003054	1.097	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001895	0.001452	1.305	11	7	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.00131	0.001007	1.301	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002234	0.001699	1.315	33	3.75	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	Min	Diaph D1 Y	0.001349	0.001078	1.25	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001674	0.001328	1.261	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001299	0.000968	1.342	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001596	0.001209	1.321	11	7	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00127	0.000921	1.379	45	26.8	14.8	31.5
9F RF	UDCon11	Combination		Diaph D1 X	0.001973	0.000826	2.388	11	7	19.6	31.5
9F RF	UDCon11	Combination		Diaph D1 Y	0.001991	0.000188	10.565	43	26.8	5	31.5
9F RF	UDCon12	Combination		Diaph D1 X	0.00209	0.000907	2.305	11	7	19.6	31.5
9F RF	UDCon12	Combination		Diaph D1 Y	0.002094	0.000234	8.951	43	26.8	5	31.5
9F RF	UDCon13	Combination	Max	Diaph D1 X	0.001263	0.000833	1.517	50	22.6	5	31.5
9F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002794	0.001153	2.423	45	26.8	14.8	31.5
9F RF	UDCon13	Combination	Min	Diaph D1 X	0.003719	0.002337	1.591	11	7	19.6	31.5
9F RF	UDCon13	Combination	Min	Diaph D1 Y	0.002008	0.00092	2.183	33	3.75	19.6	31.5
9F RF	UDCon14	Combination	Max	Diaph D1 X	0.001412	0.001076	1.311	50	22.6	5	31.5
9F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002832	0.001222	2.318	45	26.8	14.8	31.5
9F RF	UDCon14	Combination	Min	Diaph D1 X	0.00338	0.002093	1.615	11	7	19.6	31.5
9F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001908	0.000851	2.242	33	3.75	19.6	31.5
9F RF	UDCon15	Combination	Max	Diaph D1 X	0.001224	0.000705	1.736	50	22.6	5	31.5
9F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002783	0.001254	2.219	45	26.8	14.8	31.5
9F RF	UDCon15	Combination	Min	Diaph D1 X	0.003081	0.001846	1.669	11	7	19.6	31.5
9F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001771	0.000763	2.321	33	3.75	19.6	31.5
9F RF	UDCon16	Combination	Max	Diaph D1 X	0.001067	0.000587	1.818	50	22.6	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	UDCon16	Combination	Max	Diaph D1 Y	0.002754	0.001064	2.588	45	26.8	14.8	31.5
9F RF	UDCon16	Combination	Min	Diaph D1 X	0.003158	0.001962	1.609	11	7	19.6	31.5
9F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002122	0.000955	2.222	33	3.75	19.6	31.5
9F RF	UDCon17	Combination	Max	Diaph D1 X	0.001272	0.000849	1.499	50	22.6	5	31.5
9F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002773	0.001144	2.425	45	26.8	14.8	31.5
9F RF	UDCon17	Combination	Min	Diaph D1 X	0.003695	0.002321	1.592	11	7	19.6	31.5
9F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002006	0.000929	2.159	33	3.75	19.6	31.5
9F RF	UDCon18	Combination	Max	Diaph D1 X	0.001421	0.001093	1.3	50	22.6	5	31.5
9F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002812	0.001213	2.318	45	26.8	14.8	31.5
9F RF	UDCon18	Combination	Min	Diaph D1 X	0.003356	0.002077	1.616	11	7	19.6	31.5
9F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001906	0.00086	2.216	33	3.75	19.6	31.5
9F RF	UDCon19	Combination	Max	Diaph D1 X	0.001233	0.000721	1.709	50	22.6	5	31.5
9F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002762	0.001245	2.219	45	26.8	14.8	31.5
9F RF	UDCon19	Combination	Min	Diaph D1 X	0.003058	0.001829	1.671	11	7	19.6	31.5
9F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001769	0.000772	2.291	33	3.75	19.6	31.5
9F RF	UDCon20	Combination	Max	Diaph D1 X	0.001076	0.000603	1.784	50	22.6	5	31.5
9F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002734	0.001055	2.59	45	26.8	14.8	31.5
9F RF	UDCon20	Combination	Min	Diaph D1 X	0.003134	0.001946	1.61	11	7	19.6	31.5
9F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002119	0.000964	2.198	33	3.75	19.6	31.5
8F RF	Dead	LinStatic		Diaph D1 X	0.000682	0.000319	2.14	11	7	19.6	28
8F RF	Dead	LinStatic		Diaph D1 Y	0.000682	0.00012	5.688	43	26.8	5	28
8F RF	Live	LinStatic		Diaph D1 X	7.6E-05	5.2E-05	1.47	11	7	19.6	28
8F RF	Live	LinStatic		Diaph D1 Y	6.7E-05	2.9E-05	2.294	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	FF	LinStatic		Diaph D1 X	0.000413	0.000156	2.644	11	7	19.6	28
8F RF	FF	LinStatic		Diaph D1 Y	0.000417	2.1E-05	19.805	43	26.8	5	28
8F RF	PW	LinStatic		Diaph D1 X	0.000353	0.000115	3.069	11	7	19.6	28
8F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003107	0.002463	1.261	33	3.75	19.6	28
8F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001279	0.000272	4.711	44	26.8	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003313	0.003005	1.103	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001923	0.001478	1.3	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001308	0.000997	1.312	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002256	0.001714	1.316	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001347	0.001067	1.262	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001668	0.001318	1.266	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001293	0.00096	1.347	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001613	0.001217	1.326	11	7	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001264	0.000908	1.392	45	26.8	14.8	28
8F RF	UDCon11	Combination		Diaph D1 X	0.001954	0.000796	2.454	11	7	19.6	28
8F RF	UDCon11	Combination		Diaph D1 Y	0.001964	0.000177	11.125	43	26.8	5	28
8F RF	UDCon12	Combination		Diaph D1 X	0.002068	0.000874	2.367	11	7	19.6	28
8F RF	UDCon12	Combination		Diaph D1 Y	0.002064	0.00022	9.375	43	26.8	5	28
8F RF	UDCon13	Combination	Max	Diaph D1 X	0.001326	0.000889	1.491	42	24.7	5	28
8F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002756	0.00113	2.438	43	26.8	5	28
8F RF	UDCon13	Combination	Min	Diaph D1 X	0.003726	0.002331	1.598	11	7	19.6	28
8F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001983	0.000913	2.171	33	3.75	19.6	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	UDCon14	Combination	Max	Diaph D1 X	0.001455	0.00112	1.299	42	24.7	5	28
8F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002793	0.001192	2.343	43	26.8	5	28
8F RF	UDCon14	Combination	Min	Diaph D1 X	0.003393	0.0021	1.616	11	7	19.6	28
8F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001896	0.000851	2.228	33	3.75	19.6	28
8F RF	UDCon15	Combination	Max	Diaph D1 X	0.001245	0.000721	1.727	42	24.7	5	28
8F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002746	0.001231	2.231	43	26.8	5	28
8F RF	UDCon15	Combination	Min	Diaph D1 X	0.003084	0.001834	1.682	11	7	19.6	28
8F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001748	0.000756	2.313	33	3.75	19.6	28
8F RF	UDCon16	Combination	Max	Diaph D1 X	0.001103	0.000623	1.771	42	24.7	5	28
8F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002713	0.001035	2.622	43	26.8	5	28
8F RF	UDCon16	Combination	Min	Diaph D1 X	0.003137	0.001931	1.624	11	7	19.6	28
8F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002107	0.000952	2.214	33	3.75	19.6	28
8F RF	UDCon17	Combination	Max	Diaph D1 X	0.001334	0.000905	1.475	42	24.7	5	28
8F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002736	0.001121	2.44	43	26.8	5	28
8F RF	UDCon17	Combination	Min	Diaph D1 X	0.003703	0.002316	1.599	11	7	19.6	28
8F RF	UDCon17	Combination	Min	Diaph D1 Y	0.00198	0.000922	2.148	33	3.75	19.6	28
8F RF	UDCon18	Combination	Max	Diaph D1 X	0.001464	0.001136	1.289	42	24.7	5	28
8F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002773	0.001184	2.343	43	26.8	5	28
8F RF	UDCon18	Combination	Min	Diaph D1 X	0.00337	0.002084	1.617	11	7	19.6	28
8F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001894	0.00086	2.202	33	3.75	19.6	28
8F RF	UDCon19	Combination	Max	Diaph D1 X	0.001253	0.000736	1.702	42	24.7	5	28
8F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002726	0.001222	2.23	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	UDCon19	Combination	Min	Diaph D1 X	0.003061	0.001818	1.684	11	7	19.6	28
8F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001745	0.000764	2.283	33	3.75	19.6	28
8F RF	UDCon20	Combination	Max	Diaph D1 X	0.001111	0.000638	1.741	42	24.7	5	28
8F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002693	0.001026	2.625	43	26.8	5	28
8F RF	UDCon20	Combination	Min	Diaph D1 X	0.003115	0.001916	1.626	11	7	19.6	28
8F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002105	0.000961	2.191	33	3.75	19.6	28
7F RF	Dead	LinStatic		Diaph D1 X	0.00068	0.000306	2.221	11	7	19.6	24.5
7F RF	Dead	LinStatic		Diaph D1 Y	0.000673	0.000112	6.025	43	26.8	5	24.5
7F RF	Live	LinStatic		Diaph D1 X	7.4E-05	4.9E-05	1.499	11	7	19.6	24.5
7F RF	Live	LinStatic		Diaph D1 Y	6.5E-05	2.8E-05	2.349	43	26.8	5	24.5
7F RF	FF	LinStatic		Diaph D1 X	0.000415	0.000149	2.793	11	7	19.6	24.5
7F RF	FF	LinStatic		Diaph D1 Y	0.000414	1.8E-05	23.284	43	26.8	5	24.5
7F RF	PW	LinStatic		Diaph D1 X	0.000357	0.000109	3.266	11	7	19.6	24.5
7F RF	PW	LinStatic		Diaph D1 Y	0.000379	1.2E-05	31.931	33	3.75	19.6	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003119	0.002481	1.257	33	3.75	19.6	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001287	0.000278	4.638	45	26.8	14.8	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003255	0.002934	1.109	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00194	0.001497	1.296	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001301	0.000981	1.326	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002265	0.001718	1.318	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001338	0.001048	1.278	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001692	0.001318	1.284	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001282	0.000948	1.353	45	26.8	14.8	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	0.001622	0.001217	1.333	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001253	0.000892	1.404	45	26.8	14.8	24.5
7F RF	UDCon11	Combination		Diaph D1 X	0.001961	0.000762	2.574	11	7	19.6	24.5
7F RF	UDCon11	Combination		Diaph D1 Y	0.001947	0.000159	12.27	43	26.8	5	24.5
7F RF	UDCon12	Combination		Diaph D1 X	0.002071	0.000836	2.479	11	7	19.6	24.5
7F RF	UDCon12	Combination		Diaph D1 Y	0.002044	0.0002	10.219	43	26.8	5	24.5
7F RF	UDCon13	Combination	Max	Diaph D1 X	0.001412	0.000938	1.505	42	24.7	5	24.5
7F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002727	0.001102	2.474	43	26.8	5	24.5
7F RF	UDCon13	Combination	Min	Diaph D1 X	0.003738	0.002312	1.617	11	7	19.6	24.5
7F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001967	0.000904	2.177	33	3.75	19.6	24.5
7F RF	UDCon14	Combination	Max	Diaph D1 X	0.00152	0.001155	1.316	42	24.7	5	24.5
7F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002764	0.001155	2.392	43	26.8	5	24.5
7F RF	UDCon14	Combination	Min	Diaph D1 X	0.003413	0.002096	1.628	11	7	19.6	24.5
7F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001897	0.00085	2.231	33	3.75	19.6	24.5
7F RF	UDCon15	Combination	Max	Diaph D1 X	0.001284	0.00075	1.712	42	24.7	5	24.5
7F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002713	0.001199	2.262	43	26.8	5	24.5
7F RF	UDCon15	Combination	Min	Diaph D1 X	0.003096	0.001812	1.708	11	7	19.6	24.5
7F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001756	0.000756	2.321	33	3.75	19.6	24.5
7F RF	UDCon16	Combination	Max	Diaph D1 X	0.001163	0.000655	1.776	42	24.7	5	24.5
7F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002681	0.001008	2.659	43	26.8	5	24.5
7F RF	UDCon16	Combination	Min	Diaph D1 X	0.003165	0.001908	1.659	11	7	19.6	24.5
7F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002106	0.000947	2.223	33	3.75	19.6	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
7F RF	UDCon17	Combination	Max	Diaph D1 X	0.00142	0.000953	1.489	42	24.7	5	24.5
7F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002708	0.001094	2.475	43	26.8	5	24.5
7F RF	UDCon17	Combination	Min	Diaph D1 X	0.003716	0.002297	1.617	11	7	19.6	24.5
7F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001964	0.000912	2.154	33	3.75	19.6	24.5
7F RF	UDCon18	Combination	Max	Diaph D1 X	0.001527	0.001169	1.306	42	24.7	5	24.5
7F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002744	0.001147	2.393	43	26.8	5	24.5
7F RF	UDCon18	Combination	Min	Diaph D1 X	0.003391	0.002081	1.629	11	7	19.6	24.5
7F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001895	0.000859	2.206	33	3.75	19.6	24.5
7F RF	UDCon19	Combination	Max	Diaph D1 X	0.001292	0.000765	1.688	42	24.7	5	24.5
7F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002693	0.001191	2.262	43	26.8	5	24.5
7F RF	UDCon19	Combination	Min	Diaph D1 X	0.003074	0.001798	1.71	11	7	19.6	24.5
7F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001753	0.000765	2.292	33	3.75	19.6	24.5
7F RF	UDCon20	Combination	Max	Diaph D1 X	0.00117	0.00067	1.747	42	24.7	5	24.5
7F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002661	0.001	2.662	43	26.8	5	24.5
7F RF	UDCon20	Combination	Min	Diaph D1 X	0.003143	0.001893	1.66	11	7	19.6	24.5
7F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002103	0.000956	2.2	33	3.75	19.6	24.5
6F RF	Dead	LinStatic		Diaph D1 X	0.000689	0.000298	2.31	33	3.75	19.6	21
6F RF	Dead	LinStatic		Diaph D1 Y	0.000667	0.000101	6.619	43	26.8	5	21
6F RF	Live	LinStatic		Diaph D1 X	7.2E-05	4.7E-05	1.538	11	7	19.6	21
6F RF	Live	LinStatic		Diaph D1 Y	6.3E-05	2.6E-05	2.442	43	26.8	5	21
6F RF	FF	LinStatic		Diaph D1 X	0.000427	0.000145	2.941	33	3.75	19.6	21
6F RF	PW	LinStatic		Diaph D1 X	0.00037	0.000108	3.439	33	3.75	19.6	21
6F RF	PW	LinStatic		Diaph D1 Y	0.000388	1.5E-05	26.025	33	3.75	19.6	21
6F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003118	0.002485	1.255	44	26.8	19.6	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001292	0.000282	4.588	45	26.8	14.8	21
6F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003166	0.002835	1.117	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001947	0.001507	1.292	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001285	0.000958	1.342	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002263	0.001713	1.321	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001321	0.001022	1.293	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001743	0.001327	1.313	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001264	0.000928	1.361	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00162	0.001209	1.34	44	26.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001232	0.000877	1.405	45	26.8	14.8	21
6F RF	UDCon11	Combination		Diaph D1 X	0.002006	0.000744	2.697	33	3.75	19.6	21
6F RF	UDCon11	Combination		Diaph D1 Y	0.001945	0.000133	14.59	43	26.8	5	21
6F RF	UDCon12	Combination		Diaph D1 X	0.002114	0.000814	2.597	33	3.75	19.6	21
6F RF	UDCon12	Combination		Diaph D1 Y	0.002039	0.000172	11.862	43	26.8	5	21
6F RF	UDCon13	Combination	Max	Diaph D1 X	0.001495	0.000964	1.55	42	24.7	5	21
6F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002703	0.001064	2.54	43	26.8	5	21
6F RF	UDCon13	Combination	Min	Diaph D1 X	0.003763	0.002293	1.641	33	3.75	19.6	21
6F RF	UDCon13	Combination	Min	Diaph D1 Y	0.00197	0.000894	2.203	33	3.75	19.6	21
6F RF	UDCon14	Combination	Max	Diaph D1 X	0.001579	0.001163	1.358	42	24.7	5	21
6F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002738	0.001107	2.473	43	26.8	5	21
6F RF	UDCon14	Combination	Min	Diaph D1 X	0.003448	0.002094	1.647	33	3.75	19.6	21
6F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001919	0.000851	2.255	33	3.75	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	UDCon15	Combination	Max	Diaph D1 X	0.001319	0.000777	1.698	42	24.7	5	21
6F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002684	0.001157	2.32	43	26.8	5	21
6F RF	UDCon15	Combination	Min	Diaph D1 X	0.003126	0.001795	1.741	33	3.75	19.6	21
6F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001786	0.00076	2.352	33	3.75	19.6	21
6F RF	UDCon16	Combination	Max	Diaph D1 X	0.001221	0.000666	1.833	42	24.7	5	21
6F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002652	0.000973	2.727	43	26.8	5	21
6F RF	UDCon16	Combination	Min	Diaph D1 X	0.00325	0.001907	1.704	33	3.75	19.6	21
6F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002123	0.000944	2.249	33	3.75	19.6	21
6F RF	UDCon17	Combination	Max	Diaph D1 X	0.001501	0.000978	1.535	42	24.7	5	21
6F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002684	0.001056	2.54	43	26.8	5	21
6F RF	UDCon17	Combination	Min	Diaph D1 X	0.003741	0.002279	1.642	33	3.75	19.6	21
6F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001967	0.000902	2.18	33	3.75	19.6	21
6F RF	UDCon18	Combination	Max	Diaph D1 X	0.001586	0.001177	1.347	42	24.7	5	21
6F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002719	0.0011	2.473	43	26.8	5	21
6F RF	UDCon18	Combination	Min	Diaph D1 X	0.003427	0.002079	1.648	33	3.75	19.6	21
6F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001916	0.000859	2.23	33	3.75	19.6	21
6F RF	UDCon19	Combination	Max	Diaph D1 X	0.001326	0.000791	1.676	42	24.7	5	21
6F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002665	0.001149	2.319	43	26.8	5	21
6F RF	UDCon19	Combination	Min	Diaph D1 X	0.003104	0.001781	1.743	33	3.75	19.6	21
6F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001783	0.000767	2.324	33	3.75	19.6	21
6F RF	UDCon20	Combination	Max	Diaph D1 X	0.001227	0.00068	1.805	42	24.7	5	21
6F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002633	0.000965	2.729	43	26.8	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	UDCon20	Combination	Min	Diaph D1 X	0.003228	0.001893	1.705	33	3.75	19.6	21
6F RF	UDCon20	Combination	Min	Diaph D1 Y	0.00212	0.000952	2.227	33	3.75	19.6	21
5F RF	Dead	LinStatic		Diaph D1 X	0.000708	0.000306	2.313	33	3.75	19.6	17.5
5F RF	Dead	LinStatic		Diaph D1 Y	0.000655	8.5E-05	7.671	43	26.8	5	17.5
5F RF	Live	LinStatic		Diaph D1 X	7E-05	4.5E-05	1.567	33	3.75	19.6	17.5
5F RF	Live	LinStatic		Diaph D1 Y	6.1E-05	2.3E-05	2.581	43	26.8	5	17.5
5F RF	FF	LinStatic		Diaph D1 X	0.000449	0.000156	2.884	33	3.75	19.6	17.5
5F RF	PW	LinStatic		Diaph D1 X	0.000393	0.00012	3.288	33	3.75	19.6	17.5
5F RF	PW	LinStatic		Diaph D1 Y	0.000399	2.1E-05	19.114	33	3.75	19.6	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003118	0.002481	1.257	44	26.8	19.6	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001291	0.000285	4.532	45	26.8	14.8	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003032	0.002698	1.124	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001956	0.001514	1.292	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001255	0.000923	1.359	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002263	0.001703	1.328	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001289	0.000986	1.308	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001801	0.00135	1.334	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001234	0.000897	1.375	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001621	0.001202	1.349	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001197	0.000853	1.404	45	26.8	14.8	17.5
5F RF	UDCon11	Combination		Diaph D1 X	0.002093	0.000785	2.666	33	3.75	19.6	17.5
5F RF	UDCon11	Combination		Diaph D1 Y	0.001922	9.3E-05	20.559	43	26.8	5	17.5
5F RF	UDCon12	Combination		Diaph D1 X	0.002199	0.000852	2.58	33	3.75	19.6	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	UDCon12	Combination		Diaph D1 Y	0.002013	0.000129	15.643	43	26.8	5	17.5
5F RF	UDCon13	Combination	Max	Diaph D1 X	0.001501	0.000926	1.621	42	24.7	5	17.5
5F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002657	0.001011	2.627	43	26.8	5	17.5
5F RF	UDCon13	Combination	Min	Diaph D1 X	0.003796	0.002301	1.649	33	3.75	19.6	17.5
5F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001984	0.000895	2.216	33	3.75	19.6	17.5
5F RF	UDCon14	Combination	Max	Diaph D1 X	0.001571	0.001112	1.413	42	24.7	5	17.5
5F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002691	0.001048	2.568	43	26.8	5	17.5
5F RF	UDCon14	Combination	Min	Diaph D1 X	0.003494	0.002116	1.652	33	3.75	19.6	17.5
5F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001945	0.000859	2.265	33	3.75	19.6	17.5
5F RF	UDCon15	Combination	Max	Diaph D1 X	0.001335	0.000769	1.736	42	24.7	5	17.5
5F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002635	0.001099	2.399	43	26.8	5	17.5
5F RF	UDCon15	Combination	Min	Diaph D1 X	0.003171	0.001807	1.754	33	3.75	19.6	17.5
5F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001815	0.000766	2.368	33	3.75	19.6	17.5
5F RF	UDCon16	Combination	Max	Diaph D1 X	0.001207	0.000618	1.954	42	24.7	5	17.5
5F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002602	0.000919	2.832	43	26.8	5	17.5
5F RF	UDCon16	Combination	Min	Diaph D1 X	0.003346	0.001959	1.708	33	3.75	19.6	17.5
5F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002141	0.000946	2.263	33	3.75	19.6	17.5
5F RF	UDCon17	Combination	Max	Diaph D1 X	0.001506	0.000939	1.604	42	24.7	5	17.5
5F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002638	0.001004	2.627	43	26.8	5	17.5
5F RF	UDCon17	Combination	Min	Diaph D1 X	0.003774	0.002288	1.65	33	3.75	19.6	17.5
5F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001979	0.000902	2.194	33	3.75	19.6	17.5
5F RF	UDCon18	Combination	Max	Diaph D1 X	0.001576	0.001125	1.401	42	24.7	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	UDCon18	Combination	Max	Diaph D1 Y	0.002673	0.001041	2.568	43	26.8	5	17.5
5F RF	UDCon18	Combination	Min	Diaph D1 X	0.003473	0.002102	1.652	33	3.75	19.6	17.5
5F RF	UDCon18	Combination	Min	Diaph D1 Y	0.00194	0.000866	2.242	33	3.75	19.6	17.5
5F RF	UDCon19	Combination	Max	Diaph D1 X	0.001341	0.000782	1.714	42	24.7	5	17.5
5F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002617	0.001092	2.397	43	26.8	5	17.5
5F RF	UDCon19	Combination	Min	Diaph D1 X	0.00315	0.001794	1.756	33	3.75	19.6	17.5
5F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001811	0.000773	2.341	33	3.75	19.6	17.5
5F RF	UDCon20	Combination	Max	Diaph D1 X	0.001213	0.000631	1.922	42	24.7	5	17.5
5F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002584	0.000912	2.833	43	26.8	5	17.5
5F RF	UDCon20	Combination	Min	Diaph D1 X	0.003325	0.001945	1.709	33	3.75	19.6	17.5
5F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002137	0.000953	2.242	33	3.75	19.6	17.5
4F RF	Dead	LinStatic		Diaph D1 X	0.000731	0.000359	2.036	33	3.75	19.6	14
4F RF	Dead	LinStatic		Diaph D1 Y	0.000815	0.000186	4.387	43	26.8	5	14
4F RF	Live	LinStatic		Diaph D1 X	6.8E-05	4.5E-05	1.529	33	3.75	19.6	14
4F RF	Live	LinStatic		Diaph D1 Y	6.7E-05	2.7E-05	2.471	43	26.8	5	14
4F RF	FF	LinStatic		Diaph D1 X	0.000474	0.000205	2.32	33	3.75	19.6	14
4F RF	FF	LinStatic		Diaph D1 Y	0.000546	9E-05	6.055	43	26.8	5	14
4F RF	PW	LinStatic		Diaph D1 X	0.000421	0.000169	2.487	33	3.75	19.6	14
4F RF	PW	LinStatic		Diaph D1 Y	0.000488	6.3E-05	7.773	43	26.8	5	14
4F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003131	0.002465	1.27	44	26.8	19.6	14
4F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001271	0.00029	4.378	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000514	0.000269	1.912	11	7	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002843	0.002515	1.131	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	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001975	0.001518	1.301	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001198	0.00087	1.376	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002272	0.001694	1.341	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00123	0.000933	1.318	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001871	0.001401	1.335	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001183	0.000847	1.397	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00163	0.00121	1.347	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001138	0.000813	1.4	44	26.8	19.6	14
4F RF	UDCon11	Combination		Diaph D1 X	0.002196	0.00099	2.219	33	3.75	19.6	14
4F RF	UDCon11	Combination		Diaph D1 Y	0.002496	0.000457	5.459	43	26.8	5	14
4F RF	UDCon12	Combination		Diaph D1 X	0.002299	0.001057	2.176	33	3.75	19.6	14
4F RF	UDCon12	Combination		Diaph D1 Y	0.002597	0.000498	5.214	43	26.8	5	14
4F RF	UDCon13	Combination	Max	Diaph D1 X	0.00122	0.000727	1.677	43	26.8	5	14
4F RF	UDCon13	Combination	Max	Diaph D1 Y	0.003047	0.001252	2.435	43	26.8	5	14
4F RF	UDCon13	Combination	Min	Diaph D1 X	0.003817	0.002394	1.594	33	3.75	19.6	14
4F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001834	0.000589	3.116	33	3.75	19.6	14
4F RF	UDCon14	Combination	Max	Diaph D1 X	0.00128	0.000901	1.42	43	26.8	5	14
4F RF	UDCon14	Combination	Max	Diaph D1 Y	0.003081	0.001282	2.403	43	26.8	5	14
4F RF	UDCon14	Combination	Min	Diaph D1 X	0.00353	0.00222	1.59	33	3.75	19.6	14
4F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001806	0.000558	3.238	33	3.75	19.6	14
4F RF	UDCon15	Combination	Max	Diaph D1 X	0.001096	0.000617	1.778	43	26.8	5	14
4F RF	UDCon15	Combination	Max	Diaph D1 Y	0.003016	0.001323	2.279	43	26.8	5	14
4F RF	UDCon15	Combination	Min	Diaph D1 X	0.003211	0.001925	1.668	33	3.75	19.6	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001665	0.000455	3.657	33	3.75	19.6	14
4F RF	UDCon16	Combination	Max	Diaph D1 X	0.000948	0.000432	2.194	43	26.8	5	14
4F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002984	0.001149	2.597	43	26.8	5	14
4F RF	UDCon16	Combination	Min	Diaph D1 X	0.003432	0.002109	1.627	33	3.75	19.6	14
4F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001981	0.00063	3.146	33	3.75	19.6	14
4F RF	UDCon17	Combination	Max	Diaph D1 X	0.001226	0.000741	1.655	43	26.8	5	14
4F RF	UDCon17	Combination	Max	Diaph D1 Y	0.003027	0.001243	2.434	43	26.8	5	14
4F RF	UDCon17	Combination	Min	Diaph D1 X	0.003797	0.002381	1.595	33	3.75	19.6	14
4F RF	UDCon17	Combination	Min	Diaph D1 Y	0.00183	0.000597	3.067	33	3.75	19.6	14
4F RF	UDCon18	Combination	Max	Diaph D1 X	0.001286	0.000915	1.406	43	26.8	5	14
4F RF	UDCon18	Combination	Max	Diaph D1 Y	0.003061	0.001274	2.402	43	26.8	5	14
4F RF	UDCon18	Combination	Min	Diaph D1 X	0.003509	0.002207	1.59	33	3.75	19.6	14
4F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001803	0.000566	3.184	33	3.75	19.6	14
4F RF	UDCon19	Combination	Max	Diaph D1 X	0.001103	0.00063	1.75	43	26.8	5	14
4F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002996	0.001315	2.278	43	26.8	5	14
4F RF	UDCon19	Combination	Min	Diaph D1 X	0.00319	0.001912	1.669	33	3.75	19.6	14
4F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001661	0.000463	3.584	33	3.75	19.6	14
4F RF	UDCon20	Combination	Max	Diaph D1 X	0.000955	0.000446	2.142	43	26.8	5	14
4F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002963	0.001141	2.598	43	26.8	5	14
4F RF	UDCon20	Combination	Min	Diaph D1 X	0.003411	0.002096	1.627	33	3.75	19.6	14
4F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001977	0.000638	3.1	33	3.75	19.6	14
3F RF	Dead	LinStatic		Diaph D1 X	0.000871	0.000427	2.039	45	26.8	14.8	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	Dead	LinStatic		Diaph D1 Y	0.000662	0.000153	4.316	48	26.8	12	10.5
3F RF	Live	LinStatic		Diaph D1 X	7.1E-05	4.5E-05	1.578	45	26.8	14.8	10.5
3F RF	Live	LinStatic		Diaph D1 Y	5.7E-05	2.5E-05	2.337	48	26.8	12	10.5
3F RF	FF	LinStatic		Diaph D1 X	0.000607	0.000272	2.232	45	26.8	14.8	10.5
3F RF	FF	LinStatic		Diaph D1 Y	0.000429	6.8E-05	6.276	48	26.8	12	10.5
3F RF	PW	LinStatic		Diaph D1 X	0.000553	0.000237	2.331	45	26.8	14.8	10.5
3F RF	PW	LinStatic		Diaph D1 Y	0.000379	4.4E-05	8.695	48	26.8	12	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003226	0.002381	1.355	44	26.8	19.6	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.001256	0.000311	4.04	43	26.8	5	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002691	0.002325	1.157	43	26.8	5	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002046	0.001473	1.389	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001172	0.00082	1.43	43	26.8	5	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002336	0.001635	1.429	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00119	0.000892	1.334	43	26.8	5	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.001991	0.001413	1.409	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.001146	0.000787	1.456	43	26.8	5	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001681	0.001176	1.429	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.001099	0.000764	1.438	43	26.8	5	10.5
3F RF	UDCon11	Combination		Diaph D1 X	0.002743	0.001265	2.169	45	26.8	14.8	10.5
3F RF	UDCon11	Combination		Diaph D1 Y	0.001985	0.000358	5.541	48	26.8	12	10.5
3F RF	UDCon12	Combination		Diaph D1 X	0.002849	0.001332	2.139	45	26.8	14.8	10.5
3F RF	UDCon12	Combination		Diaph D1 Y	0.00207	0.000395	5.242	48	26.8	12	10.5
3F RF	UDCon13	Combination	Max	Diaph D1 X	0.001181	0.000401	2.947	26	11.4	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	UDCon13	Combination	Max	Diaph D1 Y	0.002594	0.001116	2.324	48	26.8	12	10.5
3F RF	UDCon13	Combination	Min	Diaph D1 X	0.004071	0.0025	1.629	44	26.8	19.6	10.5
3F RF	UDCon13	Combination	Min	Diaph D1 Y	0.00167	0.000653	2.559	45	26.8	14.8	10.5
3F RF	UDCon14	Combination	Max	Diaph D1 X	0.001234	0.000529	2.332	26	11.4	5	10.5
3F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002625	0.001147	2.289	48	26.8	12	10.5
3F RF	UDCon14	Combination	Min	Diaph D1 X	0.003781	0.002328	1.624	44	26.8	19.6	10.5
3F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001679	0.000642	2.614	45	26.8	14.8	10.5
3F RF	UDCon15	Combination	Max	Diaph D1 X	0.001082	0.000332	3.257	26	11.4	5	10.5
3F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002564	0.001182	2.169	48	26.8	12	10.5
3F RF	UDCon15	Combination	Min	Diaph D1 X	0.003417	0.002023	1.689	44	26.8	19.6	10.5
3F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001579	0.000567	2.785	45	26.8	14.8	10.5
3F RF	UDCon16	Combination	Max	Diaph D1 X	0.000934	0.000102	9.12	26	11.4	5	10.5
3F RF	UDCon16	Combination	Max	Diaph D1 Y	0.002529	0.001023	2.472	48	26.8	12	10.5
3F RF	UDCon16	Combination	Min	Diaph D1 X	0.003726	0.002252	1.655	44	26.8	19.6	10.5
3F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001684	0.000632	2.663	39	3.75	10	10.5
3F RF	UDCon17	Combination	Max	Diaph D1 X	0.001186	0.000414	2.865	26	11.4	5	10.5
3F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002576	0.001109	2.324	48	26.8	12	10.5
3F RF	UDCon17	Combination	Min	Diaph D1 X	0.004051	0.002487	1.629	44	26.8	19.6	10.5
3F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001675	0.000663	2.526	45	26.8	14.8	10.5
3F RF	UDCon18	Combination	Max	Diaph D1 X	0.001239	0.000542	2.285	26	11.4	5	10.5
3F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002608	0.001139	2.289	48	26.8	12	10.5
3F RF	UDCon18	Combination	Min	Diaph D1 X	0.003761	0.002315	1.624	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	UDCon18	Combination	Min	Diaph D1 Y	0.001684	0.000653	2.581	45	26.8	14.8	10.5
3F RF	UDCon19	Combination	Max	Diaph D1 X	0.001088	0.000346	3.146	26	11.4	5	10.5
3F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002547	0.001175	2.168	48	26.8	12	10.5
3F RF	UDCon19	Combination	Min	Diaph D1 X	0.003396	0.002009	1.69	44	26.8	19.6	10.5
3F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001584	0.000578	2.741	45	26.8	14.8	10.5
3F RF	UDCon20	Combination	Max	Diaph D1 X	0.000939	0.000116	8.111	26	11.4	5	10.5
3F RF	UDCon20	Combination	Max	Diaph D1 Y	0.002512	0.001016	2.473	48	26.8	12	10.5
3F RF	UDCon20	Combination	Min	Diaph D1 X	0.003705	0.002238	1.655	44	26.8	19.6	10.5
3F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001681	0.000639	2.631	39	3.75	10	10.5
2F RF	Dead	LinStatic		Diaph D1 X	0.001436	0.000409	3.509	6	20.5	19.6	7
2F RF	Dead	LinStatic		Diaph D1 Y	0.001649	0.000503	3.277	43	26.8	5	7
2F RF	Live	LinStatic		Diaph D1 X	0.000105	4.3E-05	2.407	6	20.5	19.6	7
2F RF	Live	LinStatic		Diaph D1 Y	0.000102	4E-05	2.528	43	26.8	5	7
2F RF	FF	LinStatic		Diaph D1 X	0.001026	0.000239	4.288	6	20.5	19.6	7
2F RF	FF	LinStatic		Diaph D1 Y	0.001252	0.000324	3.864	43	26.8	5	7
2F RF	PW	LinStatic		Diaph D1 X	0.000946	0.000204	4.638	6	20.5	19.6	7
2F RF	PW	LinStatic		Diaph D1 Y	0.001172	0.000285	4.109	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		Diaph D1 X	0.00374	0.002361	1.584	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002521	0.001985	1.27	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.002371	0.001455	1.63	6	20.5	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.001019	0.000692	1.473	48	26.8	12	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00263	0.001601	1.643	6	20.5	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	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.001049	0.000728	1.441	48	26.8	12	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002414	0.001487	1.624	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000998	0.000644	1.548	48	26.8	12	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.001863	0.001144	1.629	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000941	0.000633	1.487	48	26.8	12	7
2F RF	UDCon11	Combination		Diaph D1 X	0.004601	0.001151	3.997	6	20.5	19.6	7
2F RF	UDCon11	Combination		Diaph D1 Y	0.005498	0.001502	3.661	43	26.8	5	7
2F RF	UDCon12	Combination		Diaph D1 X	0.004758	0.001216	3.912	6	20.5	19.6	7
2F RF	UDCon12	Combination		Diaph D1 Y	0.00565	0.001566	3.608	43	26.8	5	7
2F RF	UDCon13	Combination	Max	Diaph D1 Y	0.005103	0.002118	2.409	43	26.8	5	7
2F RF	UDCon13	Combination	Min	Diaph D1 X	0.00607	0.002634	2.305	6	20.5	19.6	7
2F RF	UDCon14	Combination	Max	Diaph D1 Y	0.005112	0.002122	2.409	43	26.8	5	7
2F RF	UDCon14	Combination	Min	Diaph D1 X	0.00581	0.002483	2.34	6	20.5	19.6	7
2F RF	UDCon15	Combination	Max	Diaph D1 Y	0.005063	0.002093	2.419	43	26.8	5	7
2F RF	UDCon15	Combination	Min	Diaph D1 X	0.005303	0.00215	2.466	6	20.5	19.6	7
2F RF	UDCon15	Combination	Min	Diaph D1 Y	0.003247	0.000261	12.45	43	26.8	5	7
2F RF	UDCon16	Combination	Max	Diaph D1 Y	0.004958	0.00199	2.492	43	26.8	5	7
2F RF	UDCon16	Combination	Min	Diaph D1 X	0.005853	0.002466	2.374	6	20.5	19.6	7
2F RF	UDCon17	Combination	Max	Diaph D1 Y	0.005072	0.002106	2.408	43	26.8	5	7
2F RF	UDCon17	Combination	Min	Diaph D1 X	0.006038	0.002621	2.304	6	20.5	19.6	7
2F RF	UDCon18	Combination	Max	Diaph D1 Y	0.005081	0.002109	2.409	43	26.8	5	7
2F RF	UDCon18	Combination	Min	Diaph D1 X	0.005779	0.002469	2.34	6	20.5	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	UDCon19	Combination	Max	Diaph D1 Y	0.005032	0.00208	2.419	43	26.8	5	7
2F RF	UDCon19	Combination	Min	Diaph D1 X	0.005271	0.002137	2.467	6	20.5	19.6	7
2F RF	UDCon19	Combination	Min	Diaph D1 Y	0.003217	0.000248	12.975	43	26.8	5	7
2F RF	UDCon20	Combination	Max	Diaph D1 Y	0.004928	0.001977	2.493	43	26.8	5	7
2F RF	UDCon20	Combination	Min	Diaph D1 X	0.005822	0.002453	2.373	6	20.5	19.6	7
1F RF	Dead	LinStatic		Diaph D1 X	0.00572	0.00199	2.874	40	3.75	5	3.5
1F RF	Dead	LinStatic		Diaph D1 Y	0.010051	0.001063	9.459	32	11.4	19.6	3.5
1F RF	Live	LinStatic		Diaph D1 X	0.00036	0.000119	3.038	40	3.75	5	3.5
1F RF	Live	LinStatic		Diaph D1 Y	0.001341	5.5E-05	24.448	32	11.4	19.6	3.5
1F RF	FF	LinStatic		Diaph D1 X	0.004402	0.001683	2.615	40	3.75	5	3.5
1F RF	FF	LinStatic		Diaph D1 Y	0.006202	0.000701	8.844	32	11.4	19.6	3.5
1F RF	PW	LinStatic		Diaph D1 X	0.004135	0.001595	2.593	40	3.75	5	3.5
1F RF	PW	LinStatic		Diaph D1 Y	0.005204	0.000663	7.845	32	11.4	19.6	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 X	0.006407	0.003174	2.018	43	26.8	5	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.004332	0.000381	11.38	31	15.8	19.6	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 X	0.003535	0.00127	2.785	33	3.75	19.6	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002423	0.001641	1.477	28	20.5	5	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.004067	0.002114	1.924	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.003382	0.00188	1.799	31	15.8	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.004372	0.002249	1.944	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.002921	0.001649	1.772	31	15.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.004088	0.002126	1.923	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.002574	0.001404	1.833	31	15.8	19.6	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.003447	0.001795	1.921	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00309	0.001728	1.788	31	15.8	19.6	3.5
1F RF	UDCon11	Combination		Diaph D1 X	0.019247	0.007112	2.706	40	3.75	5	3.5
1F RF	UDCon11	Combination		Diaph D1 Y	0.028967	0.003277	8.84	32	11.4	19.6	3.5
1F RF	UDCon12	Combination		Diaph D1 X	0.019788	0.00729	2.714	40	3.75	5	3.5
1F RF	UDCon12	Combination		Diaph D1 Y	0.030979	0.003359	9.222	32	11.4	19.6	3.5
1F RF	UDCon13	Combination	Max	Diaph D1 X	0.010611	0.003346	3.171	40	3.75	5	3.5
1F RF	UDCon13	Combination	Max	Diaph D1 Y	0.019539	0.000865	22.597	32	11.4	19.6	3.5
1F RF	UDCon13	Combination	Min	Diaph D1 X	0.018336	0.007352	2.494	40	3.75	5	3.5
1F RF	UDCon13	Combination	Min	Diaph D1 Y	0.024562	0.004193	5.858	32	11.4	19.6	3.5
1F RF	UDCon14	Combination	Max	Diaph D1 X	0.010394	0.003256	3.192	40	3.75	5	3.5
1F RF	UDCon14	Combination	Max	Diaph D1 Y	0.019157	0.000695	27.581	32	11.4	19.6	3.5
1F RF	UDCon14	Combination	Min	Diaph D1 X	0.018119	0.007261	2.495	40	3.75	5	3.5
1F RF	UDCon14	Combination	Min	Diaph D1 Y	0.02418	0.004023	6.011	32	11.4	19.6	3.5
1F RF	UDCon15	Combination	Max	Diaph D1 X	0.010532	0.003305	3.186	40	3.75	5	3.5
1F RF	UDCon15	Combination	Max	Diaph D1 Y	0.019342	0.000784	24.679	32	11.4	19.6	3.5
1F RF	UDCon15	Combination	Min	Diaph D1 X	0.01752	0.006952	2.52	40	3.75	5	3.5
1F RF	UDCon15	Combination	Min	Diaph D1 Y	0.023715	0.003776	6.28	32	11.4	19.6	3.5
1F RF	UDCon16	Combination	Max	Diaph D1 X	0.011211	0.003655	3.067	40	3.75	5	3.5
1F RF	UDCon16	Combination	Max	Diaph D1 Y	0.020004	0.001111	18.004	32	11.4	19.6	3.5
1F RF	UDCon16	Combination	Min	Diaph D1 X	0.018198	0.007302	2.492	40	3.75	5	3.5
1F RF	UDCon16	Combination	Min	Diaph D1 Y	0.024377	0.004104	5.94	32	11.4	19.6	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	UDCon17	Combination	Max	Diaph D1 X	0.010503	0.003311	3.172	40	3.75	5	3.5
1F RF	UDCon17	Combination	Max	Diaph D1 Y	0.019137	0.000848	22.562	32	11.4	19.6	3.5
1F RF	UDCon17	Combination	Min	Diaph D1 X	0.018228	0.007316	2.491	40	3.75	5	3.5
1F RF	UDCon17	Combination	Min	Diaph D1 Y	0.02416	0.004176	5.785	32	11.4	19.6	3.5
1F RF	UDCon18	Combination	Max	Diaph D1 X	0.010286	0.00322	3.194	40	3.75	5	3.5
1F RF	UDCon18	Combination	Max	Diaph D1 Y	0.018754	0.000678	27.657	32	11.4	19.6	3.5
1F RF	UDCon18	Combination	Min	Diaph D1 X	0.018011	0.007226	2.493	40	3.75	5	3.5
1F RF	UDCon18	Combination	Min	Diaph D1 Y	0.023777	0.004006	5.935	32	11.4	19.6	3.5
1F RF	UDCon19	Combination	Max	Diaph D1 X	0.010424	0.00327	3.188	40	3.75	5	3.5
1F RF	UDCon19	Combination	Max	Diaph D1 Y	0.018939	0.000767	24.684	32	11.4	19.6	3.5
1F RF	UDCon19	Combination	Min	Diaph D1 X	0.017411	0.006917	2.517	40	3.75	5	3.5
1F RF	UDCon19	Combination	Min	Diaph D1 Y	0.023313	0.00376	6.2	32	11.4	19.6	3.5
1F RF	UDCon20	Combination	Max	Diaph D1 X	0.011103	0.00362	3.067	40	3.75	5	3.5
1F RF	UDCon20	Combination	Max	Diaph D1 Y	0.019602	0.001095	17.907	32	11.4	19.6	3.5
1F RF	UDCon20	Combination	Min	Diaph D1 X	0.01809	0.007267	2.489	40	3.75	5	3.5
1F RF	UDCon20	Combination	Min	Diaph D1 Y	0.023975	0.004087	5.866	32	11.4	19.6	3.5

Table 3.5 - Diaphragm Accelerations

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec2	UY mm/sec2	UZ mm/sec2	RX rad/sec2	RY rad/sec2	RZ rad/sec2
14	D1	TH-X Load Case	LinModHist	Max	4325.15	2732.65	1779.23	0.338	0.205	0.299
14	D1	TH-X Load Case	LinModHist	Min	-3991.79	-3863.03	-1625.08	-0.289	-0.232	-0.222
14	D1	TH-Y Load Case	LinModHist	Max	3366.07	2707.91	1326.51	0.326	0.208	0.27
14	D1	TH-Y Load Case	LinModHist	Min	-3783.65	-3262.67	-1473.99	-0.331	-0.229	-0.216
13	D1	TH-X Load Case	LinModHist	Max	3879.46	2524.79	1792.33	0.34	0.206	0.285
13	D1	TH-X Load Case	LinModHist	Min	-3385.88	-3564.88	-1621.49	-0.291	-0.232	-0.21
13	D1	TH-Y Load Case	LinModHist	Max	3099.71	2582.37	1329.95	0.326	0.208	0.257
13	D1	TH-Y Load Case	LinModHist	Min	-3372.27	-3085.37	-1458.11	-0.335	-0.23	-0.21
12F RF	D1	TH-X Load Case	LinModHist	Max	3458.48	2354.07	1790.92	0.335	0.205	0.269

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	-2792.99	-3264.87	-1598.36	-0.286	-0.23	-0.197
12F RF	D1	TH-Y Load Case	LinModHist	Max	2830.26	2452.69	1304.96	0.317	0.205	0.244
12F RF	D1	TH-Y Load Case	LinModHist	Min	-2959.63	-2899.42	-1410.89	-0.333	-0.227	-0.202
11F RF	D1	TH-X Load Case	LinModHist	Max	3206.45	2177.72	1767.75	0.32	0.201	0.25
11F RF	D1	TH-X Load Case	LinModHist	Min	-2604.08	-2964.99	-1551.66	-0.272	-0.223	-0.183
11F RF	D1	TH-Y Load Case	LinModHist	Max	2560.17	2311.1	1244.97	0.298	0.195	0.231
11F RF	D1	TH-Y Load Case	LinModHist	Min	-2889.97	-2703.16	-1325.92	-0.323	-0.218	-0.196
10F RF	D1	TH-X Load Case	LinModHist	Max	2944.99	1994.92	1720.06	0.309	0.192	0.229
10F RF	D1	TH-X Load Case	LinModHist	Min	-2410.85	-2667.47	-1479.27	-0.249	-0.209	-0.167
10F RF	D1	TH-Y Load Case	LinModHist	Max	2291.94	2156.24	1221.21	0.266	0.183	0.217
10F RF	D1	TH-Y Load Case	LinModHist	Min	-3224.25	-2495.83	-1200.1	-0.305	-0.202	-0.187
9F RF	D1	TH-X Load Case	LinModHist	Max	2673.21	1805.28	1647.12	0.294	0.178	0.206
9F RF	D1	TH-X Load Case	LinModHist	Min	-2589.51	-2374.56	-1380.82	-0.217	-0.195	-0.151
9F RF	D1	TH-Y Load Case	LinModHist	Max	2116.54	1987.5	1182.54	0.224	0.169	0.2
9F RF	D1	TH-Y Load Case	LinModHist	Min	-3474.84	-2277.31	-1045.59	-0.278	-0.188	-0.175
8F RF	D1	TH-X Load Case	LinModHist	Max	2447.41	1608.8	1550.29	0.273	0.164	0.181
8F RF	D1	TH-X Load Case	LinModHist	Min	-2792.73	-2088.44	-1257.57	-0.188	-0.179	-0.134
8F RF	D1	TH-Y Load Case	LinModHist	Max	2416.1	1804.89	1129.41	0.187	0.15	0.181
8F RF	D1	TH-Y Load Case	LinModHist	Min	-3622.34	-2048.01	-977.39	-0.25	-0.17	-0.161
7F RF	D1	TH-X Load Case	LinModHist	Max	2419.07	1405.82	1432.76	0.247	0.149	0.156
7F RF	D1	TH-X Load Case	LinModHist	Min	-2869.55	-1811.08	-1112.1	-0.176	-0.158	-0.118
7F RF	D1	TH-Y Load Case	LinModHist	Max	2638.04	1609.04	1082.54	0.169	0.125	0.161
7F RF	D1	TH-Y Load Case	LinModHist	Min	-3651.87	-1808.9	-1034.24	-0.245	-0.147	-0.144
6F RF	D1	TH-X Load Case	LinModHist	Max	2543.27	1197.09	1299.49	0.217	0.13	0.131
6F RF	D1	TH-X Load Case	LinModHist	Min	-2809.74	-1544.23	-1107.06	-0.185	-0.132	-0.101
6F RF	D1	TH-Y Load Case	LinModHist	Max	2766.26	1401.22	1097.7	0.147	0.106	0.139
6F RF	D1	TH-Y Load Case	LinModHist	Min	-3554.15	-1561.45	-1215.1	-0.237	-0.12	-0.125
5F RF	D1	TH-X Load Case	LinModHist	Max	2612.53	983.72	1157.19	0.185	0.131	0.108
5F RF	D1	TH-X Load Case	LinModHist	Min	-2697.69	-1289.34	-1312.79	-0.19	-0.103	-0.086
5F RF	D1	TH-Y Load Case	LinModHist	Max	2796.59	1183.31	1151.95	0.156	0.119	0.118
5F RF	D1	TH-Y Load Case	LinModHist	Min	-3325.2	-1307.57	-1403.12	-0.226	-0.133	-0.104
4F RF	D1	TH-X Load Case	LinModHist	Max	2576.89	767.29	1181.96	0.178	0.155	0.098
4F RF	D1	TH-X Load Case	LinModHist	Min	-2648.56	-1047.41	-1570.52	-0.191	-0.136	-0.074
4F RF	D1	TH-Y Load Case	LinModHist	Max	2728.06	957.73	1199.69	0.212	0.141	0.1
4F RF	D1	TH-Y Load Case	LinModHist	Min	-2964.41	-1049.56	-1660.88	-0.214	-0.156	-0.089
3F RF	D1	TH-X Load Case	LinModHist	Max	2443.23	561.96	1386.32	0.199	0.179	0.094
3F RF	D1	TH-X Load Case	LinModHist	Min	-2487.83	-818.53	-1924.59	-0.214	-0.187	-0.059
3F RF	D1	TH-Y Load Case	LinModHist	Max	2571.99	727.65	1347.38	0.25	0.163	0.093
3F RF	D1	TH-Y Load Case	LinModHist	Min	-2474.85	-790.23	-1988.16	-0.243	-0.184	-0.073
2F RF	D1	TH-X Load Case	LinModHist	Max	2323.29	381.95	1402.61	0.202	0.201	0.093
2F RF	D1	TH-X Load Case	LinModHist	Min	-2244.74	-573.64	-2271.05	-0.257	-0.252	-0.073
2F RF	D1	TH-Y Load Case	LinModHist	Max	2347.17	531.58	1484.76	0.261	0.199	0.107
2F RF	D1	TH-Y Load Case	LinModHist	Min	-2180.13	-509.89	-2308.94	-0.256	-0.247	-0.091
1F RF	D1	TH-X Load Case	LinModHist	Max	2249.05	273.12	1591.51	0.262	0.262	0.193
1F RF	D1	TH-X Load Case	LinModHist	Min	-1990.42	-404.99	-2697.12	-0.431	-0.389	-0.252

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	2192.42	382.99	2044.57	0.369	0.336	0.273
1F RF	D1	TH-Y Load Case	LinModHist	Min	-2134.71	-296.33	-2691.32	-0.418	-0.377	-0.237
Base	D1	TH-X Load Case	LinModHist	Max	2065.9	43.79	932.56	0.55	0.728	0.044
Base	D1	TH-X Load Case	LinModHist	Min	-1655.76	-45.44	-672.87	-0.756	-1.068	-0.062
Base	D1	TH-Y Load Case	LinModHist	Max	1636.15	45.81	911.68	0.755	1.051	0.063
Base	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-44.27	-927.78	-0.741	-1.029	-0.059

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	46.29	32.454	1.426
14	Dead	LinStatic		Y	29.981	8.452	3.547
13	Dead	LinStatic		X	43.77	31.268	1.4
13	Dead	LinStatic		Y	27.542	8.068	3.414
12F RF	Dead	LinStatic		X	41.259	30.065	1.372
12F RF	Dead	LinStatic		Y	25.075	7.634	3.284
11F RF	Dead	LinStatic		X	38.768	28.86	1.343
11F RF	Dead	LinStatic		Y	22.598	7.174	3.15
10F RF	Dead	LinStatic		X	36.308	27.661	1.313
10F RF	Dead	LinStatic		Y	20.138	6.706	3.003
9F RF	Dead	LinStatic		X	33.895	26.477	1.28
9F RF	Dead	LinStatic		Y	17.719	6.242	2.839
8F RF	Dead	LinStatic		X	31.544	25.312	1.246
8F RF	Dead	LinStatic		Y	15.36	5.792	2.652
7F RF	Dead	LinStatic		X	29.276	24.171	1.211
7F RF	Dead	LinStatic		Y	13.079	5.362	2.439
6F RF	Dead	LinStatic		X	27.12	23.055	1.176
6F RF	Dead	LinStatic		Y	10.882	4.95	2.198
5F RF	Dead	LinStatic		X	25.113	21.965	1.143
5F RF	Dead	LinStatic		Y	8.764	4.544	1.929
4F RF	Dead	LinStatic		X	23.3	20.9	1.115
4F RF	Dead	LinStatic		Y	6.685	4.114	1.625
3F RF	Dead	LinStatic		X	21.482	19.765	1.087
3F RF	Dead	LinStatic		Y	4.909	3.79	1.295
2F RF	Dead	LinStatic		X	19.634	18.008	1.09
2F RF	Dead	LinStatic		Y	5.436	3.498	1.554
1F RF	Dead	LinStatic		X	20.019	16.197	1.236
Base	Dead	LinStatic		X	0.287	0.144	2
Base	Dead	LinStatic		Y	0.328	0.079	4.136
14	Live	LinStatic		X	4.331	3.395	1.275
14	Live	LinStatic		Y	2.988	1.525	1.959
13	Live	LinStatic		X	4.031	3.188	1.265
13	Live	LinStatic		Y	2.731	1.411	1.936
12F RF	Live	LinStatic		X	3.735	2.981	1.253

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
12F RF	Live	LinStatic		Y	2.476	1.295	1.912
11F RF	Live	LinStatic		X	3.443	2.777	1.24
11F RF	Live	LinStatic		Y	2.223	1.18	1.884
10F RF	Live	LinStatic		X	3.157	2.578	1.225
10F RF	Live	LinStatic		Y	1.973	1.066	1.851
9F RF	Live	LinStatic		X	2.879	2.383	1.208
9F RF	Live	LinStatic		Y	1.729	0.955	1.81
8F RF	Live	LinStatic		X	2.609	2.195	1.189
8F RF	Live	LinStatic		Y	1.492	0.848	1.76
7F RF	Live	LinStatic		X	2.352	2.014	1.168
7F RF	Live	LinStatic		Y	1.262	0.744	1.697
6F RF	Live	LinStatic		X	2.108	1.841	1.145
6F RF	Live	LinStatic		Y	1.042	0.645	1.616
5F RF	Live	LinStatic		X	1.881	1.678	1.121
5F RF	Live	LinStatic		Y	0.831	0.55	1.513
4F RF	Live	LinStatic		X	1.675	1.525	1.098
4F RF	Live	LinStatic		Y	0.629	0.457	1.375
3F RF	Live	LinStatic		X	1.479	1.377	1.074
3F RF	Live	LinStatic		Y	0.437	0.37	1.182
2F RF	Live	LinStatic		X	1.294	1.194	1.084
2F RF	Live	LinStatic		Y	0.432	0.308	1.406
1F RF	Live	LinStatic		X	1.261	1.023	1.233
1F RF	Live	LinStatic		Y	0.394	0.11	3.574
Base	Live	LinStatic		X	0.019	0.01	2
Base	Live	LinStatic		Y	0.02	0.003	6.12
14	FF	LinStatic		X	30.426	20.956	1.452
14	FF	LinStatic		Y	18.074	3.339	5.414
13	FF	LinStatic		X	28.929	20.393	1.419
13	FF	LinStatic		Y	16.587	3.313	5.006
12F RF	FF	LinStatic		X	27.434	19.813	1.385
12F RF	FF	LinStatic		Y	15.113	3.266	4.627
11F RF	FF	LinStatic		X	25.947	19.226	1.35
11F RF	FF	LinStatic		Y	13.63	3.195	4.266
10F RF	FF	LinStatic		X	24.477	18.637	1.313
10F RF	FF	LinStatic		Y	12.152	3.11	3.907
9F RF	FF	LinStatic		X	23.034	18.051	1.276
9F RF	FF	LinStatic		Y	10.698	3.023	3.539
8F RF	FF	LinStatic		X	21.629	17.472	1.238
8F RF	FF	LinStatic		Y	9.282	2.938	3.159
7F RF	FF	LinStatic		X	20.277	16.9	1.2
7F RF	FF	LinStatic		Y	7.914	2.859	2.767
6F RF	FF	LinStatic		X	18.999	16.336	1.163
6F RF	FF	LinStatic		Y	6.599	2.785	2.369
5F RF	FF	LinStatic		X	17.821	15.778	1.13
5F RF	FF	LinStatic		Y	5.329	2.703	1.972

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	FF	LinStatic		X	16.78	15.224	1.102
4F RF	FF	LinStatic		Y	4.071	2.587	1.574
3F RF	FF	LinStatic		X	15.718	14.602	1.076
3F RF	FF	LinStatic		Y	3.683	2.536	1.453
2F RF	FF	LinStatic		X	14.919	13.533	1.102
2F RF	FF	LinStatic		Y	4.262	2.506	1.701
1F RF	FF	LinStatic		X	15.409	12.38	1.245
Base	FF	LinStatic		X	0.22	0.11	2
Base	FF	LinStatic		Y	0.257	0.066	3.902
14	PW	LinStatic		X	27.036	18.307	1.477
13	PW	LinStatic		X	25.775	17.908	1.439
13	PW	LinStatic		Y	14.116	1.884	7.495
12F RF	PW	LinStatic		X	24.513	17.491	1.401
12F RF	PW	LinStatic		Y	12.862	1.954	6.583
11F RF	PW	LinStatic		X	23.255	17.065	1.363
11F RF	PW	LinStatic		Y	11.609	2.005	5.789
10F RF	PW	LinStatic		X	22.01	16.634	1.323
10F RF	PW	LinStatic		Y	10.359	2.042	5.072
9F RF	PW	LinStatic		X	20.787	16.203	1.283
9F RF	PW	LinStatic		Y	9.127	2.073	4.403
8F RF	PW	LinStatic		X	19.595	15.773	1.242
8F RF	PW	LinStatic		Y	7.927	2.103	3.769
7F RF	PW	LinStatic		X	18.447	15.344	1.202
7F RF	PW	LinStatic		Y	6.768	2.135	3.17
6F RF	PW	LinStatic		X	17.362	14.917	1.164
6F RF	PW	LinStatic		Y	5.654	2.167	2.609
5F RF	PW	LinStatic		X	16.364	14.489	1.129
5F RF	PW	LinStatic		Y	4.577	2.186	2.094
4F RF	PW	LinStatic		X	15.487	14.057	1.102
4F RF	PW	LinStatic		Y	3.503	2.167	1.616
3F RF	PW	LinStatic		X	14.581	13.551	1.076
3F RF	PW	LinStatic		Y	3.326	2.193	1.516
2F RF	PW	LinStatic		X	13.961	12.633	1.105
2F RF	PW	LinStatic		Y	3.924	2.245	1.748
1F RF	PW	LinStatic		X	14.472	11.612	1.246
Base	PW	LinStatic		X	0.205	0.103	2
Base	PW	LinStatic		Y	0.242	0.063	3.829
14	Earthquake+x	LinStatic		X	155.383	127.469	1.219
14	Earthquake+x	LinStatic		Y	57.802	13.939	4.147
13	Earthquake+x	LinStatic		X	145.746	119.954	1.215
13	Earthquake+x	LinStatic		Y	53.512	13.052	4.1
12F RF	Earthquake+x	LinStatic		X	135.886	112.222	1.211
12F RF	Earthquake+x	LinStatic		Y	49.198	12.161	4.045
11F RF	Earthquake+x	LinStatic		X	125.8	104.269	1.206
11F RF	Earthquake+x	LinStatic		Y	44.858	11.265	3.982

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	Earthquake+x	LinStatic		X	115.481	96.096	1.202
10F RF	Earthquake+x	LinStatic		Y	40.502	10.365	3.908
9F RF	Earthquake+x	LinStatic		X	104.955	87.727	1.196
9F RF	Earthquake+x	LinStatic		Y	36.131	9.456	3.821
8F RF	Earthquake+x	LinStatic		X	94.259	79.192	1.19
8F RF	Earthquake+x	LinStatic		Y	31.753	8.536	3.72
7F RF	Earthquake+x	LinStatic		X	83.44	70.531	1.183
7F RF	Earthquake+x	LinStatic		Y	27.381	7.605	3.6
6F RF	Earthquake+x	LinStatic		X	72.549	61.769	1.175
6F RF	Earthquake+x	LinStatic		Y	23.024	6.661	3.457
5F RF	Earthquake+x	LinStatic		X	61.635	52.946	1.164
5F RF	Earthquake+x	LinStatic		Y	18.686	5.699	3.279
4F RF	Earthquake+x	LinStatic		X	50.853	44.213	1.15
4F RF	Earthquake+x	LinStatic		Y	14.365	4.716	3.046
3F RF	Earthquake+x	LinStatic		X	40.249	35.725	1.127
3F RF	Earthquake+x	LinStatic		Y	10.18	3.767	2.702
2F RF	Earthquake+x	LinStatic		X	29.976	27.83	1.077
2F RF	Earthquake+x	LinStatic		Y	6.2	2.864	2.165
1F RF	Earthquake+x	LinStatic		X	22.425	19.316	1.161
1F RF	Earthquake+x	LinStatic		Y	3.399	2.268	1.499
Base	Earthquake+x	LinStatic		X	0.578	0.289	2
Base	Earthquake+x	LinStatic		Y	0.435	0.029	14.958
14	Earthquake+y	LinStatic		X	28.537	19.954	1.43
14	Earthquake+y	LinStatic		Y	146.741	133.208	1.102
13	Earthquake+y	LinStatic		X	27.506	19.375	1.42
13	Earthquake+y	LinStatic		Y	135.502	122.57	1.106
12F RF	Earthquake+y	LinStatic		X	26.431	18.777	1.408
12F RF	Earthquake+y	LinStatic		Y	124.146	111.86	1.11
11F RF	Earthquake+y	LinStatic		X	25.303	18.155	1.394
11F RF	Earthquake+y	LinStatic		Y	112.691	101.105	1.115
10F RF	Earthquake+y	LinStatic		X	24.111	17.506	1.377
10F RF	Earthquake+y	LinStatic		Y	101.176	90.345	1.12
9F RF	Earthquake+y	LinStatic		X	22.846	16.805	1.359
9F RF	Earthquake+y	LinStatic		Y	89.648	79.631	1.126
8F RF	Earthquake+y	LinStatic		X	21.494	16.029	1.341
8F RF	Earthquake+y	LinStatic		Y	78.168	69.02	1.133
7F RF	Earthquake+y	LinStatic		X	20.04	15.177	1.32
7F RF	Earthquake+y	LinStatic		Y	66.803	58.579	1.14
6F RF	Earthquake+y	LinStatic		X	18.47	14.202	1.301
6F RF	Earthquake+y	LinStatic		Y	55.634	48.382	1.15
5F RF	Earthquake+y	LinStatic		X	16.774	13.098	1.281
5F RF	Earthquake+y	LinStatic		Y	44.754	38.519	1.162
4F RF	Earthquake+y	LinStatic		X	15.103	11.972	1.262
4F RF	Earthquake+y	LinStatic		Y	34.272	29.089	1.178
3F RF	Earthquake+y	LinStatic		X	13.795	11.106	1.242

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
3F RF	Earthquake+y	LinStatic		Y	24.32	20.207	1.204
2F RF	Earthquake+y	LinStatic		X	12.447	10.64	1.17
2F RF	Earthquake+y	LinStatic		Y	15.086	12.162	1.24
1F RF	Earthquake+y	LinStatic		X	12.374	10.156	1.218
1F RF	Earthquake+y	LinStatic		Y	6.797	4.901	1.387
Base	Earthquake+y	LinStatic		X	0.26	0.13	2
Base	Earthquake+y	LinStatic		Y	0.227	0.044	5.218
14	TH-X Load Case	LinModHist	Max	X	97.11	77.675	1.25
14	TH-X Load Case	LinModHist	Max	Y	58.446	44.22	1.322
13	TH-X Load Case	LinModHist	Max	X	91.221	73.225	1.246
13	TH-X Load Case	LinModHist	Max	Y	54.121	40.75	1.328
12F RF	TH-X Load Case	LinModHist	Max	X	85.177	68.639	1.241
12F RF	TH-X Load Case	LinModHist	Max	Y	49.747	37.256	1.335
11F RF	TH-X Load Case	LinModHist	Max	X	78.994	63.921	1.236
11F RF	TH-X Load Case	LinModHist	Max	Y	45.326	33.756	1.343
10F RF	TH-X Load Case	LinModHist	Max	X	72.67	59.07	1.23
10F RF	TH-X Load Case	LinModHist	Max	Y	40.868	30.261	1.351
9F RF	TH-X Load Case	LinModHist	Max	X	66.204	54.088	1.224
9F RF	TH-X Load Case	LinModHist	Max	Y	36.386	26.772	1.359
8F RF	TH-X Load Case	LinModHist	Max	X	59.613	48.989	1.217
8F RF	TH-X Load Case	LinModHist	Max	Y	31.899	23.304	1.369
7F RF	TH-X Load Case	LinModHist	Max	X	52.921	43.79	1.209
7F RF	TH-X Load Case	LinModHist	Max	Y	27.426	19.876	1.38
6F RF	TH-X Load Case	LinModHist	Max	X	46.155	38.495	1.199
6F RF	TH-X Load Case	LinModHist	Max	Y	22.991	16.51	1.393
5F RF	TH-X Load Case	LinModHist	Max	X	39.342	33.133	1.187
5F RF	TH-X Load Case	LinModHist	Max	Y	18.623	13.313	1.399
4F RF	TH-X Load Case	LinModHist	Max	X	32.597	27.803	1.172
4F RF	TH-X Load Case	LinModHist	Max	Y	14.357	10.232	1.403
3F RF	TH-X Load Case	LinModHist	Max	X	25.903	22.578	1.147
3F RF	TH-X Load Case	LinModHist	Max	Y	10.239	7.33	1.397
2F RF	TH-X Load Case	LinModHist	Max	X	19.367	17.693	1.095
2F RF	TH-X Load Case	LinModHist	Max	Y	6.367	4.658	1.367
1F RF	TH-X Load Case	LinModHist	Max	X	14.236	12.447	1.144
1F RF	TH-X Load Case	LinModHist	Max	Y	3.044	2.184	1.394
Base	TH-X Load Case	LinModHist	Max	X	0.358	0.179	2
Base	TH-X Load Case	LinModHist	Max	Y	0.272	0.136	2
14	TH-X Load Case	LinModHist	Min	X	113.118	87.898	1.287
14	TH-X Load Case	LinModHist	Min	Y	60.131	48.052	1.251
13	TH-X Load Case	LinModHist	Min	X	106.063	82.667	1.283
13	TH-X Load Case	LinModHist	Min	Y	55.686	44.351	1.256
12F RF	TH-X Load Case	LinModHist	Min	X	98.833	77.31	1.278
12F RF	TH-X Load Case	LinModHist	Min	Y	51.189	40.62	1.26
11F RF	TH-X Load Case	LinModHist	Min	X	91.463	71.823	1.273
11F RF	TH-X Load Case	LinModHist	Min	Y	46.642	36.866	1.265

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	TH-X Load Case	LinModHist	Min	X	83.938	66.201	1.268
10F RF	TH-X Load Case	LinModHist	Min	Y	42.056	33.102	1.27
9F RF	TH-X Load Case	LinModHist	Min	X	76.275	60.457	1.262
9F RF	TH-X Load Case	LinModHist	Min	Y	37.445	29.346	1.276
8F RF	TH-X Load Case	LinModHist	Min	X	68.497	54.61	1.254
8F RF	TH-X Load Case	LinModHist	Min	Y	32.828	25.615	1.282
7F RF	TH-X Load Case	LinModHist	Min	X	60.637	48.683	1.246
7F RF	TH-X Load Case	LinModHist	Min	Y	28.226	21.931	1.287
6F RF	TH-X Load Case	LinModHist	Min	X	52.729	42.673	1.236
6F RF	TH-X Load Case	LinModHist	Min	Y	23.663	18.319	1.292
5F RF	TH-X Load Case	LinModHist	Min	X	44.809	36.627	1.223
5F RF	TH-X Load Case	LinModHist	Min	Y	19.17	14.805	1.295
4F RF	TH-X Load Case	LinModHist	Min	X	37.006	30.645	1.208
4F RF	TH-X Load Case	LinModHist	Min	Y	14.783	11.418	1.295
3F RF	TH-X Load Case	LinModHist	Min	X	29.294	24.802	1.181
3F RF	TH-X Load Case	LinModHist	Min	Y	10.549	8.177	1.29
2F RF	TH-X Load Case	LinModHist	Min	X	21.768	19.362	1.124
2F RF	TH-X Load Case	LinModHist	Min	Y	6.567	5.157	1.273
1F RF	TH-X Load Case	LinModHist	Min	X	15.303	13.658	1.12
1F RF	TH-X Load Case	LinModHist	Min	Y	3.011	2.265	1.329
Base	TH-X Load Case	LinModHist	Min	X	0.371	0.185	2
Base	TH-X Load Case	LinModHist	Min	Y	0.285	0.142	2
14	TH-Y Load Case	LinModHist	Max	X	85.665	67.412	1.271
14	TH-Y Load Case	LinModHist	Max	Y	58.038	42.926	1.352
13	TH-Y Load Case	LinModHist	Max	X	81.209	63.564	1.278
13	TH-Y Load Case	LinModHist	Max	Y	53.659	39.612	1.355
12F RF	TH-Y Load Case	LinModHist	Max	X	76.608	60.194	1.273
12F RF	TH-Y Load Case	LinModHist	Max	Y	49.238	36.272	1.357
11F RF	TH-Y Load Case	LinModHist	Max	X	71.836	56.82	1.264
11F RF	TH-Y Load Case	LinModHist	Max	Y	44.782	32.911	1.361
10F RF	TH-Y Load Case	LinModHist	Max	X	66.866	53.251	1.256
10F RF	TH-Y Load Case	LinModHist	Max	Y	40.303	29.541	1.364
9F RF	TH-Y Load Case	LinModHist	Max	X	61.673	49.481	1.246
9F RF	TH-Y Load Case	LinModHist	Max	Y	35.817	26.173	1.368
8F RF	TH-Y Load Case	LinModHist	Max	X	56.248	45.497	1.236
8F RF	TH-Y Load Case	LinModHist	Max	Y	31.343	22.822	1.373
7F RF	TH-Y Load Case	LinModHist	Max	X	50.592	41.295	1.225
7F RF	TH-Y Load Case	LinModHist	Max	Y	26.9	19.504	1.379
6F RF	TH-Y Load Case	LinModHist	Max	X	44.717	36.871	1.213
6F RF	TH-Y Load Case	LinModHist	Max	Y	22.513	16.237	1.387
5F RF	TH-Y Load Case	LinModHist	Max	X	38.655	32.243	1.199
5F RF	TH-Y Load Case	LinModHist	Max	Y	18.208	13.047	1.396
4F RF	TH-Y Load Case	LinModHist	Max	X	32.438	27.466	1.181
4F RF	TH-Y Load Case	LinModHist	Max	Y	14.053	9.987	1.407
3F RF	TH-Y Load Case	LinModHist	Max	X	26.093	22.628	1.153

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	Max	Y	10.076	7.047	1.43
2F RF	TH-Y Load Case	LinModHist	Max	X	19.736	17.9	1.103
2F RF	TH-Y Load Case	LinModHist	Max	Y	6.313	4.222	1.495
1F RF	TH-Y Load Case	LinModHist	Max	X	14.31	12.509	1.144
1F RF	TH-Y Load Case	LinModHist	Max	Y	2.991	1.906	1.569
Base	TH-Y Load Case	LinModHist	Max	X	0.361	0.181	2
Base	TH-Y Load Case	LinModHist	Max	Y	0.272	0.136	2
14	TH-Y Load Case	LinModHist	Min	X	81.574	63.204	1.291
14	TH-Y Load Case	LinModHist	Min	Y	56.286	40.483	1.39
13	TH-Y Load Case	LinModHist	Min	X	76.532	59.352	1.289
13	TH-Y Load Case	LinModHist	Min	Y	52.004	37.262	1.396
12F RF	TH-Y Load Case	LinModHist	Min	X	71.365	55.401	1.288
12F RF	TH-Y Load Case	LinModHist	Min	Y	47.687	34.026	1.401
11F RF	TH-Y Load Case	LinModHist	Min	X	66.079	51.356	1.287
11F RF	TH-Y Load Case	LinModHist	Min	Y	43.339	30.784	1.408
10F RF	TH-Y Load Case	LinModHist	Min	X	60.688	47.357	1.281
10F RF	TH-Y Load Case	LinModHist	Min	Y	38.971	27.546	1.415
9F RF	TH-Y Load Case	LinModHist	Min	X	55.213	43.498	1.269
9F RF	TH-Y Load Case	LinModHist	Min	Y	34.597	24.326	1.422
8F RF	TH-Y Load Case	LinModHist	Min	X	49.655	39.531	1.256
8F RF	TH-Y Load Case	LinModHist	Min	Y	30.231	21.141	1.43
7F RF	TH-Y Load Case	LinModHist	Min	X	44.036	35.468	1.242
7F RF	TH-Y Load Case	LinModHist	Min	Y	25.895	18.014	1.437
6F RF	TH-Y Load Case	LinModHist	Min	X	38.381	31.303	1.226
6F RF	TH-Y Load Case	LinModHist	Min	Y	21.61	14.953	1.445
5F RF	TH-Y Load Case	LinModHist	Min	X	32.735	27.077	1.209
5F RF	TH-Y Load Case	LinModHist	Min	Y	17.407	12.008	1.45
4F RF	TH-Y Load Case	LinModHist	Min	X	27.142	22.841	1.188
4F RF	TH-Y Load Case	LinModHist	Min	Y	13.322	9.213	1.446
3F RF	TH-Y Load Case	LinModHist	Min	X	21.612	18.673	1.157
3F RF	TH-Y Load Case	LinModHist	Min	Y	9.405	6.624	1.42
2F RF	TH-Y Load Case	LinModHist	Min	X	16.21	14.741	1.1
2F RF	TH-Y Load Case	LinModHist	Min	Y	5.756	4.216	1.365
1F RF	TH-Y Load Case	LinModHist	Min	X	12.066	10.599	1.138
1F RF	TH-Y Load Case	LinModHist	Min	Y	2.837	2.058	1.378
Base	TH-Y Load Case	LinModHist	Min	X	0.309	0.155	2
Base	TH-Y Load Case	LinModHist	Min	Y	0.241	0.121	2
14	UDCon11	Combination		X	140.066	96.817	1.447
14	UDCon11	Combination		Y	85.6	18.316	4.674
13	UDCon11	Combination		X	132.94	93.918	1.415
13	UDCon11	Combination		Y	78.608	17.896	4.393
12F RF	UDCon11	Combination		X	125.828	90.949	1.383
12F RF	UDCon11	Combination		Y	71.617	17.353	4.127
11F RF	UDCon11	Combination		X	118.759	87.953	1.35
11F RF	UDCon11	Combination		Y	64.58	16.705	3.866

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon11	Combination		X	111.773	84.958	1.316
10F RF	UDCon11	Combination		Y	57.576	16.008	3.597
9F RF	UDCon11	Combination		X	104.916	81.986	1.28
9F RF	UDCon11	Combination		Y	50.684	15.305	3.312
8F RF	UDCon11	Combination		X	98.236	79.051	1.243
8F RF	UDCon11	Combination		Y	43.967	14.625	3.006
7F RF	UDCon11	Combination		X	91.799	76.161	1.205
7F RF	UDCon11	Combination		Y	37.476	13.981	2.68
6F RF	UDCon11	Combination		X	85.698	73.316	1.169
6F RF	UDCon11	Combination		Y	31.231	13.367	2.336
5F RF	UDCon11	Combination		X	80.053	70.512	1.135
5F RF	UDCon11	Combination		Y	25.205	12.734	1.979
4F RF	UDCon11	Combination		X	75.016	67.744	1.107
4F RF	UDCon11	Combination		Y	19.25	11.972	1.608
3F RF	UDCon11	Combination		X	69.905	64.688	1.081
3F RF	UDCon11	Combination		Y	15.871	11.5	1.38
2F RF	UDCon11	Combination		X	65.444	59.611	1.098
2F RF	UDCon11	Combination		Y	18.39	11.137	1.651
1F RF	UDCon11	Combination		X	67.365	54.255	1.242
Base	UDCon11	Combination		X	0.961	0.481	2
Base	UDCon11	Combination		Y	1.115	0.281	3.969
14	UDCon12	Combination		X	146.562	101.91	1.438
14	UDCon12	Combination		Y	90.062	20.594	4.373
13	UDCon12	Combination		X	138.986	98.7	1.408
13	UDCon12	Combination		Y	82.704	20.011	4.133
12F RF	UDCon12	Combination		X	131.43	95.421	1.377
12F RF	UDCon12	Combination		Y	75.331	19.296	3.904
11F RF	UDCon12	Combination		X	123.923	92.119	1.345
11F RF	UDCon12	Combination		Y	67.914	18.475	3.676
10F RF	UDCon12	Combination		X	116.509	88.825	1.312
10F RF	UDCon12	Combination		Y	60.536	17.608	3.438
9F RF	UDCon12	Combination		X	109.234	85.561	1.277
9F RF	UDCon12	Combination		Y	53.277	16.738	3.183
8F RF	UDCon12	Combination		X	102.15	82.344	1.241
8F RF	UDCon12	Combination		Y	46.205	15.896	2.907
7F RF	UDCon12	Combination		X	95.326	79.182	1.204
7F RF	UDCon12	Combination		Y	39.369	15.098	2.608
6F RF	UDCon12	Combination		X	88.859	76.078	1.168
6F RF	UDCon12	Combination		Y	32.794	14.334	2.288
5F RF	UDCon12	Combination		X	82.874	73.029	1.135
5F RF	UDCon12	Combination		Y	26.452	13.558	1.951
4F RF	UDCon12	Combination		X	77.528	70.031	1.107
4F RF	UDCon12	Combination		Y	20.193	12.659	1.595
3F RF	UDCon12	Combination		X	72.123	66.754	1.08
3F RF	UDCon12	Combination		Y	16.524	12.077	1.368

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon12	Combination		X	67.386	61.403	1.097
2F RF	UDCon12	Combination		Y	19.038	11.598	1.642
1F RF	UDCon12	Combination		X	69.256	55.789	1.241
Base	UDCon12	Combination		X	0.99	0.495	2
Base	UDCon12	Combination		Y	1.145	0.286	4.005
14	UDCon13	Combination	Max	Y	122.66	59.182	2.073
13	UDCon13	Combination	Max	Y	113.168	55.504	2.039
12F RF	UDCon13	Combination	Max	Y	103.539	51.653	2.005
11F RF	UDCon13	Combination	Max	Y	93.829	47.69	1.967
10F RF	UDCon13	Combination	Max	X	11.343	4.659	2.435
10F RF	UDCon13	Combination	Max	Y	84.109	43.669	1.926
9F RF	UDCon13	Combination	Max	X	12.676	7.376	1.718
9F RF	UDCon13	Combination	Max	Y	74.448	39.633	1.878
8F RF	UDCon13	Combination	Max	X	14.253	10.231	1.393
8F RF	UDCon13	Combination	Max	Y	64.915	35.621	1.822
7F RF	UDCon13	Combination	Max	X	16.089	13.204	1.218
7F RF	UDCon13	Combination	Max	Y	55.564	31.661	1.755
6F RF	UDCon13	Combination	Max	X	18.209	16.267	1.119
6F RF	UDCon13	Combination	Max	Y	46.438	27.767	1.672
5F RF	UDCon13	Combination	Max	X	22.401	19.737	1.135
5F RF	UDCon13	Combination	Max	Y	37.543	23.926	1.569
4F RF	UDCon13	Combination	Max	X	27.578	23.239	1.187
4F RF	UDCon13	Combination	Max	Y	28.805	20.081	1.434
3F RF	UDCon13	Combination	Max	X	31.76	25.807	1.231
3F RF	UDCon13	Combination	Max	Y	20.218	16.232	1.246
2F RF	UDCon13	Combination	Max	X	32.739	26.832	1.22
2F RF	UDCon13	Combination	Max	Y	16.7	12.684	1.317
1F RF	UDCon13	Combination	Max	X	37.139	28.592	1.299
1F RF	UDCon13	Combination	Max	Y	16.948	4.1	4.134
Base	UDCon13	Combination	Max	X	0.378	0.189	2
Base	UDCon13	Combination	Max	Y	1.074	0.466	2.305
14	UDCon13	Combination	Min	X	217.966	160.59	1.357
14	UDCon13	Combination	Min	Y	72.348	33.95	2.131
13	UDCon13	Combination	Min	X	205.592	153.167	1.342
13	UDCon13	Combination	Min	Y	64.867	30.633	2.118
12F RF	UDCon13	Combination	Min	X	192.97	145.549	1.326
12F RF	UDCon13	Combination	Min	Y	57.554	27.381	2.102
11F RF	UDCon13	Combination	Min	X	180.194	137.758	1.308
11F RF	UDCon13	Combination	Min	Y	50.364	24.154	2.085
10F RF	UDCon13	Combination	Min	X	167.314	129.829	1.289
10F RF	UDCon13	Combination	Min	Y	43.287	20.935	2.068
9F RF	UDCon13	Combination	Min	X	154.45	121.826	1.268
9F RF	UDCon13	Combination	Min	Y	36.335	17.723	2.05
8F RF	UDCon13	Combination	Min	X	141.63	113.762	1.245
8F RF	UDCon13	Combination	Min	Y	29.532	14.522	2.034

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon13	Combination	Min	X	128.941	105.672	1.22
7F RF	UDCon13	Combination	Min	Y	22.912	11.352	2.018
6F RF	UDCon13	Combination	Min	X	116.505	97.594	1.194
5F RF	UDCon13	Combination	Min	X	104.467	89.559	1.166
4F RF	UDCon13	Combination	Min	X	92.971	81.584	1.14
3F RF	UDCon13	Combination	Min	X	81.47	73.422	1.11
2F RF	UDCon13	Combination	Min	X	69.518	65.221	1.066
1F RF	UDCon13	Combination	Min	X	64.176	53.451	1.201
Base	UDCon13	Combination	Min	X	1.07	0.535	2
14	UDCon14	Combination	Max	X	22.377	15.12	1.48
14	UDCon14	Combination	Max	Y	124.345	62.093	2.003
13	UDCon14	Combination	Max	X	18.007	12.072	1.492
13	UDCon14	Combination	Max	Y	114.733	58.111	1.974
12F RF	UDCon14	Combination	Max	X	13.724	8.979	1.528
12F RF	UDCon14	Combination	Max	Y	104.981	53.961	1.945
11F RF	UDCon14	Combination	Max	X	9.394	5.765	1.63
11F RF	UDCon14	Combination	Max	Y	95.146	49.708	1.914
10F RF	UDCon14	Combination	Max	Y	85.297	45.407	1.879
9F RF	UDCon14	Combination	Max	Y	75.508	41.106	1.837
8F RF	UDCon14	Combination	Max	X	5.471	4.195	1.304
8F RF	UDCon14	Combination	Max	Y	65.844	36.847	1.787
7F RF	UDCon14	Combination	Max	X	10.233	7.96	1.286
7F RF	UDCon14	Combination	Max	Y	56.364	32.66	1.726
6F RF	UDCon14	Combination	Max	X	15.433	12.016	1.284
6F RF	UDCon14	Combination	Max	Y	47.11	28.562	1.649
5F RF	UDCon14	Combination	Max	X	20.882	16.245	1.285
5F RF	UDCon14	Combination	Max	Y	38.09	24.547	1.552
4F RF	UDCon14	Combination	Max	X	26.303	20.415	1.288
4F RF	UDCon14	Combination	Max	Y	29.231	20.568	1.421
3F RF	UDCon14	Combination	Max	X	30.696	23.59	1.301
3F RF	UDCon14	Combination	Max	Y	20.528	16.635	1.234
2F RF	UDCon14	Combination	Max	X	31.818	25.167	1.264
2F RF	UDCon14	Combination	Max	Y	17.499	13.168	1.329
1F RF	UDCon14	Combination	Max	X	36.38	27.54	1.321
1F RF	UDCon14	Combination	Max	Y	16.895	3.921	4.309
Base	UDCon14	Combination	Max	X	0.366	0.183	2
Base	UDCon14	Combination	Max	Y	1.066	0.468	2.276
14	UDCon14	Combination	Min	X	202.021	150.379	1.343
14	UDCon14	Combination	Min	Y	68.211	31.044	2.197
13	UDCon14	Combination	Min	X	190.75	143.73	1.327
13	UDCon14	Combination	Min	Y	61.218	28.033	2.184
12F RF	UDCon14	Combination	Min	X	179.314	136.883	1.31
12F RF	UDCon14	Combination	Min	Y	54.38	25.083	2.168
11F RF	UDCon14	Combination	Min	X	167.767	129.883	1.292
11F RF	UDCon14	Combination	Min	Y	47.646	22.149	2.151

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon14	Combination	Min	X	156.142	122.752	1.272
10F RF	UDCon14	Combination	Min	Y	40.999	19.212	2.134
9F RF	UDCon14	Combination	Min	X	144.482	115.515	1.251
9F RF	UDCon14	Combination	Min	Y	34.447	16.266	2.118
8F RF	UDCon14	Combination	Min	X	132.847	108.199	1.228
8F RF	UDCon14	Combination	Min	Y	28.009	13.315	2.103
7F RF	UDCon14	Combination	Min	X	121.321	100.835	1.203
7F RF	UDCon14	Combination	Min	Y	21.715	10.374	2.093
6F RF	UDCon14	Combination	Min	X	110.015	93.453	1.177
5F RF	UDCon14	Combination	Min	X	99.068	86.084	1.151
4F RF	UDCon14	Combination	Min	X	88.614	78.741	1.125
3F RF	UDCon14	Combination	Min	X	78.102	71.18	1.097
2F RF	UDCon14	Combination	Min	X	67.086	62.836	1.068
1F RF	UDCon14	Combination	Min	X	63.417	52.399	1.21
Base	UDCon14	Combination	Min	X	1.058	0.529	2
14	UDCon15	Combination	Max	Y	122.252	62.97	1.941
13	UDCon15	Combination	Max	X	18.543	6.892	2.691
13	UDCon15	Combination	Max	Y	112.706	58.889	1.914
12F RF	UDCon15	Combination	Max	X	17.805	8.091	2.201
12F RF	UDCon15	Combination	Max	Y	103.031	54.638	1.886
11F RF	UDCon15	Combination	Max	X	17.277	9.203	1.877
11F RF	UDCon15	Combination	Max	Y	93.286	50.282	1.855
10F RF	UDCon15	Combination	Max	X	17.016	10.492	1.622
10F RF	UDCon15	Combination	Max	Y	83.544	45.875	1.821
9F RF	UDCon15	Combination	Max	X	17.073	11.996	1.423
9F RF	UDCon15	Combination	Max	Y	73.879	41.466	1.782
8F RF	UDCon15	Combination	Max	X	17.492	13.735	1.274
8F RF	UDCon15	Combination	Max	Y	64.359	37.094	1.735
7F RF	UDCon15	Combination	Max	X	18.313	15.716	1.165
7F RF	UDCon15	Combination	Max	Y	55.039	32.791	1.678
6F RF	UDCon15	Combination	Max	X	19.581	17.931	1.092
6F RF	UDCon15	Combination	Max	Y	45.96	28.571	1.609
5F RF	UDCon15	Combination	Max	X	23.495	20.642	1.138
5F RF	UDCon15	Combination	Max	Y	37.128	24.423	1.52
4F RF	UDCon15	Combination	Max	X	28.094	23.576	1.192
4F RF	UDCon15	Combination	Max	Y	28.501	20.312	1.403
3F RF	UDCon15	Combination	Max	X	31.85	25.758	1.237
3F RF	UDCon15	Combination	Max	Y	20.055	16.229	1.236
2F RF	UDCon15	Combination	Max	X	32.577	26.567	1.226
2F RF	UDCon15	Combination	Max	Y	16.309	12.445	1.311
1F RF	UDCon15	Combination	Max	X	36.863	28.283	1.303
1F RF	UDCon15	Combination	Max	Y	16.78	3.933	4.267
Base	UDCon15	Combination	Max	X	0.374	0.187	2
Base	UDCon15	Combination	Max	Y	1.034	0.446	2.318
14	UDCon15	Combination	Min	X	186.433	135.873	1.372

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	UDCon15	Combination	Min	Y	61.027	26.376	2.314
13	UDCon15	Combination	Min	X	176.06	129.853	1.356
13	UDCon15	Combination	Min	Y	54.326	23.541	2.308
12F RF	UDCon15	Combination	Min	X	165.502	123.641	1.339
12F RF	UDCon15	Combination	Min	Y	47.807	20.788	2.3
11F RF	UDCon15	Combination	Min	X	154.84	117.305	1.32
11F RF	UDCon15	Combination	Min	Y	41.425	18.076	2.292
10F RF	UDCon15	Combination	Min	X	144.139	110.985	1.299
10F RF	UDCon15	Combination	Min	Y	35.166	15.386	2.286
9F RF	UDCon15	Combination	Min	X	133.474	104.873	1.273
9F RF	UDCon15	Combination	Min	Y	29.039	12.714	2.284
8F RF	UDCon15	Combination	Min	X	122.876	98.692	1.245
8F RF	UDCon15	Combination	Min	Y	23.083	10.074	2.291
7F RF	UDCon15	Combination	Min	X	112.422	92.465	1.216
6F RF	UDCon15	Combination	Min	X	102.22	86.214	1.186
5F RF	UDCon15	Combination	Min	X	92.402	79.962	1.156
4F RF	UDCon15	Combination	Min	X	83.108	73.724	1.127
3F RF	UDCon15	Combination	Min	X	73.807	67.264	1.097
2F RF	UDCon15	Combination	Min	X	64.138	59.874	1.071
1F RF	UDCon15	Combination	Min	X	61.318	50.581	1.212
Base	UDCon15	Combination	Min	X	1.011	0.506	2
14	UDCon16	Combination	Max	X	23.67	9.597	2.467
14	UDCon16	Combination	Max	Y	120.5	54.509	2.211
13	UDCon16	Combination	Max	X	23.376	11.233	2.081
13	UDCon16	Combination	Max	Y	111.051	50.999	2.178
12F RF	UDCon16	Combination	Max	X	23.212	12.918	1.797
12F RF	UDCon16	Combination	Max	Y	101.479	47.337	2.144
11F RF	UDCon16	Combination	Max	X	23.195	14.677	1.58
11F RF	UDCon16	Combination	Max	Y	91.843	43.587	2.107
10F RF	UDCon16	Combination	Max	X	23.346	16.425	1.421
10F RF	UDCon16	Combination	Max	Y	82.213	39.804	2.065
9F RF	UDCon16	Combination	Max	X	23.684	18.018	1.314
9F RF	UDCon16	Combination	Max	Y	72.659	36.034	2.016
8F RF	UDCon16	Combination	Max	X	24.224	19.738	1.227
8F RF	UDCon16	Combination	Max	Y	63.247	32.324	1.957
7F RF	UDCon16	Combination	Max	X	24.988	21.574	1.158
7F RF	UDCon16	Combination	Max	Y	54.033	28.71	1.882
6F RF	UDCon16	Combination	Max	X	26.004	23.507	1.106
6F RF	UDCon16	Combination	Max	Y	45.057	25.168	1.79
5F RF	UDCon16	Combination	Max	X	27.907	25.799	1.082
5F RF	UDCon16	Combination	Max	Y	36.327	21.741	1.671
4F RF	UDCon16	Combination	Max	X	32.046	28.185	1.137
4F RF	UDCon16	Combination	Max	Y	27.769	18.31	1.517
3F RF	UDCon16	Combination	Max	X	35.283	29.722	1.187
3F RF	UDCon16	Combination	Max	Y	19.382	14.958	1.296

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	UDCon16	Combination	Max	X	35.438	29.778	1.19
2F RF	UDCon16	Combination	Max	Y	16.428	12.331	1.332
1F RF	UDCon16	Combination	Max	X	39.238	30.41	1.29
1F RF	UDCon16	Combination	Max	Y	16.674	3.777	4.415
Base	UDCon16	Combination	Max	X	0.425	0.212	2
Base	UDCon16	Combination	Max	Y	1.074	0.447	2.401
14	UDCon16	Combination	Min	X	190.665	140.198	1.36
14	UDCon16	Combination	Min	Y	76.195	34.808	2.189
13	UDCon16	Combination	Min	X	180.823	134.159	1.348
13	UDCon16	Combination	Min	Y	68.449	31.398	2.18
12F RF	UDCon16	Combination	Min	X	170.847	128.437	1.33
12F RF	UDCon16	Combination	Min	Y	60.858	28.056	2.169
11F RF	UDCon16	Combination	Min	X	160.728	122.764	1.309
11F RF	UDCon16	Combination	Min	Y	53.372	24.738	2.157
10F RF	UDCon16	Combination	Min	X	150.468	116.918	1.287
10F RF	UDCon16	Combination	Min	Y	45.977	21.428	2.146
9F RF	UDCon16	Combination	Min	X	140.085	110.896	1.263
9F RF	UDCon16	Combination	Min	Y	38.683	18.12	2.135
8F RF	UDCon16	Combination	Min	X	129.608	104.695	1.238
8F RF	UDCon16	Combination	Min	Y	31.512	14.82	2.126
7F RF	UDCon16	Combination	Min	X	119.097	98.323	1.211
7F RF	UDCon16	Combination	Min	Y	24.5	11.545	2.122
6F RF	UDCon16	Combination	Min	X	108.644	91.79	1.184
5F RF	UDCon16	Combination	Min	X	98.374	85.112	1.156
4F RF	UDCon16	Combination	Min	X	88.417	78.295	1.129
3F RF	UDCon16	Combination	Min	X	78.212	71.094	1.1
2F RF	UDCon16	Combination	Min	X	67.289	63.13	1.066
1F RF	UDCon16	Combination	Min	X	63.693	52.709	1.208
Base	UDCon16	Combination	Min	X	1.061	0.531	2
14	UDCon17	Combination	Max	X	18.638	5.928	3.144
14	UDCon17	Combination	Max	Y	121.764	58.724	2.073
13	UDCon17	Combination	Max	Y	112.349	55.081	2.04
12F RF	UDCon17	Combination	Max	Y	102.796	51.265	2.005
11F RF	UDCon17	Combination	Max	Y	93.163	47.337	1.968
10F RF	UDCon17	Combination	Max	Y	83.517	43.349	1.927
9F RF	UDCon17	Combination	Max	X	11.813	6.661	1.773
9F RF	UDCon17	Combination	Max	Y	73.93	39.346	1.879
8F RF	UDCon17	Combination	Max	X	13.47	9.573	1.407
8F RF	UDCon17	Combination	Max	Y	64.467	35.366	1.823
7F RF	UDCon17	Combination	Max	X	15.383	12.6	1.221
7F RF	UDCon17	Combination	Max	Y	55.186	31.438	1.755
6F RF	UDCon17	Combination	Max	X	17.577	15.715	1.118
6F RF	UDCon17	Combination	Max	Y	46.125	27.574	1.673
5F RF	UDCon17	Combination	Max	X	21.941	19.237	1.141
5F RF	UDCon17	Combination	Max	Y	37.293	23.761	1.57

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
4F RF	UDCon17	Combination	Max	X	27.138	22.787	1.191
4F RF	UDCon17	Combination	Max	Y	28.616	19.944	1.435
3F RF	UDCon17	Combination	Max	X	31.344	25.402	1.234
3F RF	UDCon17	Combination	Max	Y	20.087	16.122	1.246
2F RF	UDCon17	Combination	Max	X	32.356	26.476	1.222
2F RF	UDCon17	Combination	Max	Y	16.571	12.592	1.316
1F RF	UDCon17	Combination	Max	X	36.76	28.285	1.3
1F RF	UDCon17	Combination	Max	Y	16.843	4.073	4.135
Base	UDCon17	Combination	Max	X	0.372	0.186	2
Base	UDCon17	Combination	Max	Y	1.068	0.465	2.297
14	UDCon17	Combination	Min	X	216.667	159.571	1.358
14	UDCon17	Combination	Min	Y	72.367	34.406	2.103
13	UDCon17	Combination	Min	X	204.383	152.211	1.343
13	UDCon17	Combination	Min	Y	64.894	31.054	2.09
12F RF	UDCon17	Combination	Min	X	191.851	144.656	1.326
12F RF	UDCon17	Combination	Min	Y	57.589	27.766	2.074
11F RF	UDCon17	Combination	Min	X	179.163	136.926	1.308
11F RF	UDCon17	Combination	Min	Y	50.405	24.504	2.057
10F RF	UDCon17	Combination	Min	X	166.37	129.057	1.289
10F RF	UDCon17	Combination	Min	Y	43.334	21.251	2.039
9F RF	UDCon17	Combination	Min	X	153.586	121.111	1.268
9F RF	UDCon17	Combination	Min	Y	36.389	18.005	2.021
8F RF	UDCon17	Combination	Min	X	140.847	113.103	1.245
8F RF	UDCon17	Combination	Min	Y	29.593	14.773	2.003
7F RF	UDCon17	Combination	Min	X	128.235	105.068	1.22
7F RF	UDCon17	Combination	Min	Y	22.98	11.571	1.986
6F RF	UDCon17	Combination	Min	X	115.872	97.041	1.194
5F RF	UDCon17	Combination	Min	X	103.903	89.056	1.167
4F RF	UDCon17	Combination	Min	X	92.469	81.126	1.14
3F RF	UDCon17	Combination	Min	X	81.026	73.009	1.11
2F RF	UDCon17	Combination	Min	X	69.132	64.864	1.066
1F RF	UDCon17	Combination	Min	X	63.798	53.144	1.2
Base	UDCon17	Combination	Min	X	1.064	0.532	2
14	UDCon18	Combination	Max	X	23.115	16.139	1.432
14	UDCon18	Combination	Max	Y	123.449	61.635	2.003
13	UDCon18	Combination	Max	X	18.711	13.029	1.436
13	UDCon18	Combination	Max	Y	113.914	57.688	1.975
12F RF	UDCon18	Combination	Max	X	14.392	9.874	1.458
12F RF	UDCon18	Combination	Max	Y	104.238	53.573	1.946
11F RF	UDCon18	Combination	Max	X	10.028	6.598	1.52
11F RF	UDCon18	Combination	Max	Y	94.479	49.354	1.914
10F RF	UDCon18	Combination	Max	Y	84.705	45.087	1.879
9F RF	UDCon18	Combination	Max	Y	74.989	40.82	1.837
8F RF	UDCon18	Combination	Max	Y	65.397	36.593	1.787
7F RF	UDCon18	Combination	Max	X	9.724	7.36	1.321

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon18	Combination	Max	Y	55.985	32.436	1.726
6F RF	UDCon18	Combination	Max	X	14.949	11.467	1.304
6F RF	UDCon18	Combination	Max	Y	46.797	28.369	1.65
5F RF	UDCon18	Combination	Max	X	20.422	15.744	1.297
5F RF	UDCon18	Combination	Max	Y	37.84	24.382	1.552
4F RF	UDCon18	Combination	Max	X	25.864	19.963	1.296
4F RF	UDCon18	Combination	Max	Y	29.042	20.431	1.421
3F RF	UDCon18	Combination	Max	X	30.28	23.185	1.306
3F RF	UDCon18	Combination	Max	Y	20.398	16.524	1.234
2F RF	UDCon18	Combination	Max	X	31.436	24.811	1.267
2F RF	UDCon18	Combination	Max	Y	17.369	13.075	1.328
1F RF	UDCon18	Combination	Max	X	36.001	27.233	1.322
1F RF	UDCon18	Combination	Max	Y	16.79	3.894	4.312
Base	UDCon18	Combination	Max	X	0.36	0.18	2
Base	UDCon18	Combination	Max	Y	1.06	0.467	2.268
14	UDCon18	Combination	Min	X	200.722	149.36	1.344
14	UDCon18	Combination	Min	Y	68.23	31.499	2.166
13	UDCon18	Combination	Min	X	189.541	142.774	1.328
13	UDCon18	Combination	Min	Y	61.245	28.454	2.152
12F RF	UDCon18	Combination	Min	X	178.195	135.989	1.31
12F RF	UDCon18	Combination	Min	Y	54.415	25.468	2.137
11F RF	UDCon18	Combination	Min	X	166.734	129.049	1.292
11F RF	UDCon18	Combination	Min	Y	47.687	22.499	2.119
10F RF	UDCon18	Combination	Min	X	155.195	121.979	1.272
10F RF	UDCon18	Combination	Min	Y	41.047	19.528	2.102
9F RF	UDCon18	Combination	Min	X	143.618	114.8	1.251
9F RF	UDCon18	Combination	Min	Y	34.501	16.549	2.085
8F RF	UDCon18	Combination	Min	X	132.064	107.541	1.228
8F RF	UDCon18	Combination	Min	Y	28.07	13.566	2.069
7F RF	UDCon18	Combination	Min	X	120.615	100.23	1.203
7F RF	UDCon18	Combination	Min	Y	21.782	10.593	2.056
6F RF	UDCon18	Combination	Min	X	109.383	92.901	1.177
5F RF	UDCon18	Combination	Min	X	98.504	85.581	1.151
4F RF	UDCon18	Combination	Min	X	88.112	78.284	1.126
3F RF	UDCon18	Combination	Min	X	77.659	70.767	1.097
2F RF	UDCon18	Combination	Min	X	66.701	62.479	1.068
1F RF	UDCon18	Combination	Min	X	63.039	52.092	1.21
Base	UDCon18	Combination	Min	X	1.052	0.526	2
14	UDCon19	Combination	Max	Y	121.356	62.512	1.941
13	UDCon19	Combination	Max	X	17.334	5.936	2.92
13	UDCon19	Combination	Max	Y	111.887	58.465	1.914
12F RF	UDCon19	Combination	Max	X	16.685	7.197	2.318
12F RF	UDCon19	Combination	Max	Y	102.288	54.249	1.886
11F RF	UDCon19	Combination	Max	X	16.244	8.369	1.941
11F RF	UDCon19	Combination	Max	Y	92.619	49.928	1.855

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	UDCon19	Combination	Max	X	16.069	9.719	1.653
10F RF	UDCon19	Combination	Max	Y	82.952	45.556	1.821
9F RF	UDCon19	Combination	Max	X	16.21	11.281	1.437
9F RF	UDCon19	Combination	Max	Y	73.361	41.18	1.781
8F RF	UDCon19	Combination	Max	X	16.709	13.077	1.278
8F RF	UDCon19	Combination	Max	Y	63.911	36.84	1.735
7F RF	UDCon19	Combination	Max	X	17.607	15.112	1.165
7F RF	UDCon19	Combination	Max	Y	54.66	32.567	1.678
6F RF	UDCon19	Combination	Max	X	18.948	17.378	1.09
6F RF	UDCon19	Combination	Max	Y	45.647	28.377	1.609
5F RF	UDCon19	Combination	Max	X	23.035	20.142	1.144
5F RF	UDCon19	Combination	Max	Y	36.879	24.258	1.52
4F RF	UDCon19	Combination	Max	X	27.654	23.125	1.196
4F RF	UDCon19	Combination	Max	Y	28.312	20.175	1.403
3F RF	UDCon19	Combination	Max	X	31.434	25.353	1.24
3F RF	UDCon19	Combination	Max	Y	19.925	16.119	1.236
2F RF	UDCon19	Combination	Max	X	32.195	26.211	1.228
2F RF	UDCon19	Combination	Max	Y	16.18	12.353	1.31
1F RF	UDCon19	Combination	Max	X	36.485	27.976	1.304
1F RF	UDCon19	Combination	Max	Y	16.675	3.906	4.269
Base	UDCon19	Combination	Max	X	0.368	0.184	2
Base	UDCon19	Combination	Max	Y	1.028	0.445	2.31
14	UDCon19	Combination	Min	X	185.134	134.855	1.373
14	UDCon19	Combination	Min	Y	61.046	26.832	2.275
13	UDCon19	Combination	Min	X	174.852	128.897	1.357
13	UDCon19	Combination	Min	Y	54.353	23.962	2.268
12F RF	UDCon19	Combination	Min	X	164.383	122.747	1.339
12F RF	UDCon19	Combination	Min	Y	47.842	21.173	2.26
11F RF	UDCon19	Combination	Min	X	153.809	116.473	1.321
11F RF	UDCon19	Combination	Min	Y	41.466	18.426	2.25
10F RF	UDCon19	Combination	Min	X	143.192	110.212	1.299
10F RF	UDCon19	Combination	Min	Y	35.214	15.703	2.243
9F RF	UDCon19	Combination	Min	X	132.61	104.158	1.273
9F RF	UDCon19	Combination	Min	Y	29.093	12.997	2.238
8F RF	UDCon19	Combination	Min	X	122.093	98.034	1.245
8F RF	UDCon19	Combination	Min	Y	23.144	10.324	2.242
7F RF	UDCon19	Combination	Min	X	111.716	91.861	1.216
6F RF	UDCon19	Combination	Min	X	101.588	85.661	1.186
5F RF	UDCon19	Combination	Min	X	91.838	79.458	1.156
4F RF	UDCon19	Combination	Min	X	82.606	73.266	1.127
3F RF	UDCon19	Combination	Min	X	73.363	66.851	1.097
2F RF	UDCon19	Combination	Min	X	63.752	59.517	1.071
1F RF	UDCon19	Combination	Min	X	60.94	50.275	1.212
Base	UDCon19	Combination	Min	X	1.005	0.503	2
14	UDCon20	Combination	Max	X	22.371	8.578	2.608

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	UDCon20	Combination	Max	Y	119.604	54.052	2.213
13	UDCon20	Combination	Max	X	22.167	10.277	2.157
13	UDCon20	Combination	Max	Y	110.231	50.576	2.18
12F RF	UDCon20	Combination	Max	X	22.092	12.024	1.837
12F RF	UDCon20	Combination	Max	Y	100.736	46.948	2.146
11F RF	UDCon20	Combination	Max	X	22.162	13.844	1.601
11F RF	UDCon20	Combination	Max	Y	91.176	43.233	2.109
10F RF	UDCon20	Combination	Max	X	22.399	15.652	1.431
10F RF	UDCon20	Combination	Max	Y	81.621	39.484	2.067
9F RF	UDCon20	Combination	Max	X	22.82	17.303	1.319
9F RF	UDCon20	Combination	Max	Y	72.14	35.747	2.018
8F RF	UDCon20	Combination	Max	X	23.442	19.079	1.229
8F RF	UDCon20	Combination	Max	Y	62.8	32.07	1.958
7F RF	UDCon20	Combination	Max	X	24.282	20.97	1.158
7F RF	UDCon20	Combination	Max	Y	53.654	28.487	1.883
6F RF	UDCon20	Combination	Max	X	25.372	22.954	1.105
6F RF	UDCon20	Combination	Max	Y	44.744	24.975	1.792
5F RF	UDCon20	Combination	Max	X	27.447	25.306	1.085
5F RF	UDCon20	Combination	Max	Y	36.077	21.576	1.672
4F RF	UDCon20	Combination	Max	X	31.607	27.734	1.14
4F RF	UDCon20	Combination	Max	Y	27.581	18.172	1.518
3F RF	UDCon20	Combination	Max	X	34.866	29.318	1.189
3F RF	UDCon20	Combination	Max	Y	19.251	14.847	1.297
2F RF	UDCon20	Combination	Max	X	35.056	29.422	1.191
2F RF	UDCon20	Combination	Max	Y	16.298	12.239	1.332
1F RF	UDCon20	Combination	Max	X	38.86	30.103	1.291
1F RF	UDCon20	Combination	Max	Y	16.569	3.75	4.418
Base	UDCon20	Combination	Max	X	0.419	0.209	2
Base	UDCon20	Combination	Max	Y	1.068	0.446	2.393
14	UDCon20	Combination	Min	X	189.366	139.18	1.361
14	UDCon20	Combination	Min	Y	76.214	35.263	2.161
13	UDCon20	Combination	Min	X	179.614	133.203	1.348
13	UDCon20	Combination	Min	Y	68.476	31.819	2.152
12F RF	UDCon20	Combination	Min	X	169.727	127.543	1.331
12F RF	UDCon20	Combination	Min	Y	60.892	28.441	2.141
11F RF	UDCon20	Combination	Min	X	159.695	121.931	1.31
11F RF	UDCon20	Combination	Min	Y	53.413	25.089	2.129
10F RF	UDCon20	Combination	Min	X	149.521	116.145	1.287
10F RF	UDCon20	Combination	Min	Y	46.025	21.744	2.117
9F RF	UDCon20	Combination	Min	X	139.221	110.181	1.264
9F RF	UDCon20	Combination	Min	Y	38.737	18.403	2.105
8F RF	UDCon20	Combination	Min	X	128.825	104.037	1.238
8F RF	UDCon20	Combination	Min	Y	31.573	15.071	2.095
7F RF	UDCon20	Combination	Min	X	118.391	97.718	1.212
7F RF	UDCon20	Combination	Min	Y	24.567	11.764	2.088

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
6F RF	UDCon20	Combination	Min	X	108.012	91.237	1.184
5F RF	UDCon20	Combination	Min	X	97.81	84.608	1.156
4F RF	UDCon20	Combination	Min	X	87.915	77.838	1.129
3F RF	UDCon20	Combination	Min	X	77.769	70.681	1.1
2F RF	UDCon20	Combination	Min	X	66.904	62.773	1.066
1F RF	UDCon20	Combination	Min	X	63.314	52.402	1.208
Base	UDCon20	Combination	Min	X	1.056	0.528	2

Table 3.7 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	Dead	LinStatic		X	0.000903	44	26.8	19.6	56
16	Dead	LinStatic		Y	0.000726	44	26.8	19.6	56
16	Live	LinStatic		X	9.6E-05	44	26.8	19.6	56
16	Live	LinStatic		Y	7.5E-05	44	26.8	19.6	56
16	FF	LinStatic		X	0.000559	44	26.8	19.6	56
16	PW	LinStatic		X	0.000484	44	26.8	19.6	56
16	PW	LinStatic		Y	0.000451	40	3.75	5	56
16	Earthquake+x	LinStatic		X	0.002644	44	26.8	19.6	56
16	Earthquake+x	LinStatic		Y	0.001233	45	26.8	14.8	56
16	Earthquake+y	LinStatic		Y	0.003219	45	26.8	14.8	56
16	TH-X Load Case	LinModHist	Max	X	0.001619	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Max	Y	0.001239	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Min	X	0.001934	6	20.5	19.6	56
16	TH-X Load Case	LinModHist	Min	Y	0.001273	44	26.8	19.6	56
16	TH-Y Load Case	LinModHist	Max	X	0.001502	6	20.5	19.6	56
16	TH-Y Load Case	LinModHist	Max	Y	0.001256	45	26.8	14.8	56
16	TH-Y Load Case	LinModHist	Min	X	0.001421	6	20.5	19.6	56
16	TH-Y Load Case	LinModHist	Min	Y	0.001228	45	26.8	14.8	56
16	UDCon11	Combination		X	0.002627	44	26.8	19.6	56
16	UDCon12	Combination		X	0.002771	44	26.8	19.6	56
16	UDCon12	Combination		Y	0.002162	44	26.8	19.6	56
16	UDCon13	Combination	Max	X	0.001376	40	3.75	5	56
16	UDCon13	Combination	Max	Y	0.002779	44	26.8	19.6	56
16	UDCon13	Combination	Min	X	0.003909	44	26.8	19.6	56
16	UDCon13	Combination	Min	Y	0.002246	40	3.75	5	56
16	UDCon14	Combination	Max	X	0.001548	40	3.75	5	56
16	UDCon14	Combination	Max	Y	0.002814	44	26.8	19.6	56
16	UDCon14	Combination	Min	X	0.003594	44	26.8	19.6	56
16	UDCon14	Combination	Min	Y	0.00215	40	3.75	5	56
16	UDCon15	Combination	Max	X	0.001421	40	3.75	5	56
16	UDCon15	Combination	Max	Y	0.002795	44	26.8	19.6	56
16	UDCon15	Combination	Min	X	0.003385	44	26.8	19.6	56
16	UDCon15	Combination	Min	Y	0.002028	40	3.75	5	56
16	UDCon16	Combination	Max	X	0.001276	40	3.75	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	UDCon16	Combination	Max	Y	0.002768	44	26.8	19.6	56
16	UDCon16	Combination	Min	X	0.003474	44	26.8	19.6	56
16	UDCon16	Combination	Min	Y	0.002307	40	3.75	5	56
16	UDCon17	Combination	Max	X	0.001384	40	3.75	5	56
16	UDCon17	Combination	Max	Y	0.002757	44	26.8	19.6	56
16	UDCon17	Combination	Min	X	0.00388	44	26.8	19.6	56
16	UDCon17	Combination	Min	Y	0.002243	40	3.75	5	56
16	UDCon18	Combination	Max	X	0.001556	40	3.75	5	56
16	UDCon18	Combination	Max	Y	0.002791	44	26.8	19.6	56
16	UDCon18	Combination	Min	X	0.003565	44	26.8	19.6	56
16	UDCon18	Combination	Min	Y	0.002147	40	3.75	5	56
16	UDCon19	Combination	Max	X	0.001428	40	3.75	5	56
16	UDCon19	Combination	Max	Y	0.002773	44	26.8	19.6	56
16	UDCon19	Combination	Min	X	0.003356	44	26.8	19.6	56
16	UDCon19	Combination	Min	Y	0.002026	40	3.75	5	56
16	UDCon20	Combination	Max	X	0.001284	40	3.75	5	56
16	UDCon20	Combination	Max	Y	0.002746	44	26.8	19.6	56
16	UDCon20	Combination	Min	X	0.003445	44	26.8	19.6	56
16	UDCon20	Combination	Min	Y	0.002305	40	3.75	5	56
15	Dead	LinStatic		X	0.00074	44	26.8	19.6	52.5
15	Dead	LinStatic		Y	0.000727	45	26.8	14.8	52.5
15	Live	LinStatic		X	8.8E-05	44	26.8	19.6	52.5
15	Live	LinStatic		Y	7.5E-05	45	26.8	14.8	52.5
15	FF	LinStatic		X	0.000439	44	26.8	19.6	52.5
15	PW	LinStatic		X	0.00037	44	26.8	19.6	52.5
15	PW	LinStatic		Y	0.00044	39	3.75	10	52.5
15	Earthquake+x	LinStatic		X	0.002699	6	20.5	19.6	52.5
15	Earthquake+x	LinStatic		Y	0.001237	45	26.8	14.8	52.5
15	Earthquake+y	LinStatic		Y	0.003255	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Max	X	0.001651	6	20.5	19.6	52.5
15	TH-X Load Case	LinModHist	Max	Y	0.001252	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Min	X	0.001979	6	20.5	19.6	52.5
15	TH-X Load Case	LinModHist	Min	Y	0.001286	45	26.8	14.8	52.5
15	TH-Y Load Case	LinModHist	Max	X	0.001537	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Max	Y	0.001267	45	26.8	14.8	52.5
15	TH-Y Load Case	LinModHist	Min	X	0.001457	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Min	Y	0.001238	45	26.8	14.8	52.5
15	UDCon11	Combination		X	0.002091	44	26.8	19.6	52.5
15	UDCon11	Combination		Y	0.002057	45	26.8	14.8	52.5
15	UDCon12	Combination		X	0.002222	44	26.8	19.6	52.5
15	UDCon12	Combination		Y	0.002169	45	26.8	14.8	52.5
15	UDCon13	Combination	Max	X	0.001166	41	7	5	52.5
15	UDCon13	Combination	Max	Y	0.002798	45	26.8	14.8	52.5
15	UDCon13	Combination	Min	X	0.003525	44	26.8	19.6	52.5
15	UDCon13	Combination	Min	Y	0.002216	39	3.75	10	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	UDCon14	Combination	Max	X	0.001344	41	7	5	52.5
15	UDCon14	Combination	Max	Y	0.002833	45	26.8	14.8	52.5
15	UDCon14	Combination	Min	X	0.003204	44	26.8	19.6	52.5
15	UDCon14	Combination	Min	Y	0.00212	39	3.75	10	52.5
15	UDCon15	Combination	Max	X	0.001221	41	7	5	52.5
15	UDCon15	Combination	Max	Y	0.002813	45	26.8	14.8	52.5
15	UDCon15	Combination	Min	X	0.003006	44	26.8	19.6	52.5
15	UDCon15	Combination	Min	Y	0.001997	39	3.75	10	52.5
15	UDCon16	Combination	Max	X	0.001068	41	7	5	52.5
15	UDCon16	Combination	Max	Y	0.002784	45	26.8	14.8	52.5
15	UDCon16	Combination	Min	X	0.003088	44	26.8	19.6	52.5
15	UDCon16	Combination	Min	Y	0.002287	39	3.75	10	52.5
15	UDCon17	Combination	Max	X	0.001176	41	7	5	52.5
15	UDCon17	Combination	Max	Y	0.002775	45	26.8	14.8	52.5
15	UDCon17	Combination	Min	X	0.003499	44	26.8	19.6	52.5
15	UDCon17	Combination	Min	Y	0.002213	39	3.75	10	52.5
15	UDCon18	Combination	Max	X	0.001353	41	7	5	52.5
15	UDCon18	Combination	Max	Y	0.00281	45	26.8	14.8	52.5
15	UDCon18	Combination	Min	X	0.003178	44	26.8	19.6	52.5
15	UDCon18	Combination	Min	Y	0.002117	39	3.75	10	52.5
15	UDCon19	Combination	Max	X	0.001231	41	7	5	52.5
15	UDCon19	Combination	Max	Y	0.002791	45	26.8	14.8	52.5
15	UDCon19	Combination	Min	X	0.00298	44	26.8	19.6	52.5
15	UDCon19	Combination	Min	Y	0.001995	39	3.75	10	52.5
15	UDCon20	Combination	Max	X	0.001078	41	7	5	52.5
15	UDCon20	Combination	Max	Y	0.002762	45	26.8	14.8	52.5
15	UDCon20	Combination	Min	X	0.003062	44	26.8	19.6	52.5
15	UDCon20	Combination	Min	Y	0.002285	39	3.75	10	52.5
14	Dead	LinStatic		X	0.000721	44	26.8	19.6	49
14	Dead	LinStatic		Y	0.000731	45	26.8	14.8	49
14	Live	LinStatic		X	8.6E-05	32	11.4	19.6	49
14	Live	LinStatic		Y	7.5E-05	45	26.8	14.8	49
14	FF	LinStatic		X	0.000429	44	26.8	19.6	49
14	PW	LinStatic		X	0.000362	44	26.8	19.6	49
14	PW	LinStatic		Y	0.000419	39	3.75	10	49
14	Earthquake+x	LinStatic		X	0.002767	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Y	0.001241	45	26.8	14.8	49
14	Earthquake+y	LinStatic		Y	0.003293	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Max	X	0.001691	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Y	0.001265	45	26.8	14.8	49
14	TH-X Load Case	LinModHist	Min	X	0.002027	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Min	Y	0.001301	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Max	X	0.001572	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Max	Y	0.001278	45	26.8	14.8	49
14	TH-Y Load Case	LinModHist	Min	X	0.001492	6	20.5	19.6	49

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
14	TH-Y Load Case	LinModHist	Min	Y	0.001248	45	26.8	14.8	49
14	UDCon11	Combination		X	0.002041	44	26.8	19.6	49
14	UDCon11	Combination		Y	0.002076	45	26.8	14.8	49
14	UDCon12	Combination		X	0.00217	44	26.8	19.6	49
14	UDCon12	Combination		Y	0.002189	45	26.8	14.8	49
14	UDCon13	Combination	Max	X	0.001132	40	3.75	5	49
14	UDCon13	Combination	Max	Y	0.002826	45	26.8	14.8	49
14	UDCon13	Combination	Min	X	0.003561	6	20.5	19.6	49
14	UDCon13	Combination	Min	Y	0.002153	33	3.75	19.6	49
14	UDCon14	Combination	Max	X	0.001314	40	3.75	5	49
14	UDCon14	Combination	Max	Y	0.002862	45	26.8	14.8	49
14	UDCon14	Combination	Min	X	0.003225	6	20.5	19.6	49
14	UDCon14	Combination	Min	Y	0.002052	39	3.75	10	49
14	UDCon15	Combination	Max	X	0.001191	40	3.75	5	49
14	UDCon15	Combination	Max	Y	0.002838	45	26.8	14.8	49
14	UDCon15	Combination	Min	X	0.003026	6	20.5	19.6	49
14	UDCon15	Combination	Min	Y	0.00193	39	3.75	10	49
14	UDCon16	Combination	Max	X	0.00103	40	3.75	5	49
14	UDCon16	Combination	Max	Y	0.002809	45	26.8	14.8	49
14	UDCon16	Combination	Min	X	0.003106	6	20.5	19.6	49
14	UDCon16	Combination	Min	Y	0.002229	33	3.75	19.6	49
14	UDCon17	Combination	Max	X	0.001142	40	3.75	5	49
14	UDCon17	Combination	Max	Y	0.002803	45	26.8	14.8	49
14	UDCon17	Combination	Min	X	0.003535	6	20.5	19.6	49
14	UDCon17	Combination	Min	Y	0.002151	33	3.75	19.6	49
14	UDCon18	Combination	Max	X	0.001324	40	3.75	5	49
14	UDCon18	Combination	Max	Y	0.002839	45	26.8	14.8	49
14	UDCon18	Combination	Min	X	0.003199	6	20.5	19.6	49
14	UDCon18	Combination	Min	Y	0.002049	39	3.75	10	49
14	UDCon19	Combination	Max	X	0.001201	40	3.75	5	49
14	UDCon19	Combination	Max	Y	0.002816	45	26.8	14.8	49
14	UDCon19	Combination	Min	X	0.003	6	20.5	19.6	49
14	UDCon19	Combination	Min	Y	0.001927	39	3.75	10	49
14	UDCon20	Combination	Max	X	0.001039	40	3.75	5	49
14	UDCon20	Combination	Max	Y	0.002786	45	26.8	14.8	49
14	UDCon20	Combination	Min	X	0.00308	6	20.5	19.6	49
14	UDCon20	Combination	Min	Y	0.002226	33	3.75	19.6	49
13	Dead	LinStatic		X	0.000722	32	11.4	19.6	45.5
13	Dead	LinStatic		Y	0.000732	45	26.8	14.8	45.5
13	Live	LinStatic		X	8.5E-05	32	11.4	19.6	45.5
13	Live	LinStatic		Y	7.4E-05	45	26.8	14.8	45.5
13	FF	LinStatic		X	0.00043	32	11.4	19.6	45.5
13	FF	LinStatic		Y	0.000439	45	26.8	14.8	45.5
13	PW	LinStatic		X	0.000363	32	11.4	19.6	45.5
13	PW	LinStatic		Y	0.000407	33	3.75	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	Earthquake+x	LinStatic		X	0.002836	6	20.5	19.6	45.5
13	Earthquake+x	LinStatic		Y	0.001245	45	26.8	14.8	45.5
13	Earthquake+y	LinStatic		Y	0.003327	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Max	X	0.001734	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Y	0.001279	45	26.8	14.8	45.5
13	TH-X Load Case	LinModHist	Min	X	0.002074	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Y	0.001316	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	X	0.001604	33	3.75	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Y	0.001288	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Min	X	0.001523	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Y	0.001257	45	26.8	14.8	45.5
13	UDCon11	Combination		X	0.002045	32	11.4	19.6	45.5
13	UDCon11	Combination		Y	0.002083	45	26.8	14.8	45.5
13	UDCon12	Combination		X	0.002173	32	11.4	19.6	45.5
13	UDCon12	Combination		Y	0.002195	45	26.8	14.8	45.5
13	UDCon13	Combination	Max	X	0.00113	28	20.5	5	45.5
13	UDCon13	Combination	Max	Y	0.002845	45	26.8	14.8	45.5
13	UDCon13	Combination	Min	X	0.003606	32	11.4	19.6	45.5
13	UDCon13	Combination	Min	Y	0.002128	33	3.75	19.6	45.5
13	UDCon14	Combination	Max	X	0.001316	28	20.5	5	45.5
13	UDCon14	Combination	Max	Y	0.002881	45	26.8	14.8	45.5
13	UDCon14	Combination	Min	X	0.003267	32	11.4	19.6	45.5
13	UDCon14	Combination	Min	Y	0.002017	33	3.75	19.6	45.5
13	UDCon15	Combination	Max	X	0.001192	28	20.5	5	45.5
13	UDCon15	Combination	Max	Y	0.002853	45	26.8	14.8	45.5
13	UDCon15	Combination	Min	X	0.003057	32	11.4	19.6	45.5
13	UDCon15	Combination	Min	Y	0.001897	33	3.75	19.6	45.5
13	UDCon16	Combination	Max	X	0.00102	28	20.5	5	45.5
13	UDCon16	Combination	Max	Y	0.002823	45	26.8	14.8	45.5
13	UDCon16	Combination	Min	X	0.003139	32	11.4	19.6	45.5
13	UDCon16	Combination	Min	Y	0.002209	33	3.75	19.6	45.5
13	UDCon17	Combination	Max	X	0.001141	28	20.5	5	45.5
13	UDCon17	Combination	Max	Y	0.002822	45	26.8	14.8	45.5
13	UDCon17	Combination	Min	X	0.003581	32	11.4	19.6	45.5
13	UDCon17	Combination	Min	Y	0.002126	33	3.75	19.6	45.5
13	UDCon18	Combination	Max	X	0.001326	28	20.5	5	45.5
13	UDCon18	Combination	Max	Y	0.002859	45	26.8	14.8	45.5
13	UDCon18	Combination	Min	X	0.003242	32	11.4	19.6	45.5
13	UDCon18	Combination	Min	Y	0.002015	33	3.75	19.6	45.5
13	UDCon19	Combination	Max	X	0.001202	28	20.5	5	45.5
13	UDCon19	Combination	Max	Y	0.002831	45	26.8	14.8	45.5
13	UDCon19	Combination	Min	X	0.003031	32	11.4	19.6	45.5
13	UDCon19	Combination	Min	Y	0.001895	33	3.75	19.6	45.5
13	UDCon20	Combination	Max	X	0.00103	28	20.5	5	45.5
13	UDCon20	Combination	Max	Y	0.002801	45	26.8	14.8	45.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
13	UDCon20	Combination	Min	X	0.003113	32	11.4	19.6	45.5
13	UDCon20	Combination	Min	Y	0.002207	33	3.75	19.6	45.5
12F RF	Dead	LinStatic		X	0.000718	32	11.4	19.6	42
12F RF	Dead	LinStatic		Y	0.000727	45	26.8	14.8	42
12F RF	Live	LinStatic		X	8.4E-05	32	11.4	19.6	42
12F RF	Live	LinStatic		Y	7.3E-05	45	26.8	14.8	42
12F RF	FF	LinStatic		X	0.000429	32	11.4	19.6	42
12F RF	FF	LinStatic		Y	0.000438	45	26.8	14.8	42
12F RF	PW	LinStatic		X	0.000363	32	11.4	19.6	42
12F RF	PW	LinStatic		Y	0.000398	33	3.75	19.6	42
12F RF	Earthquake+x	LinStatic		X	0.002904	11	7	19.6	42
12F RF	Earthquake+x	LinStatic		Y	0.001251	45	26.8	14.8	42
12F RF	Earthquake+y	LinStatic		Y	0.003352	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	X	0.001777	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Y	0.001291	45	26.8	14.8	42
12F RF	TH-X Load Case	LinModHist	Min	X	0.002121	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Y	0.001329	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	X	0.001633	33	3.75	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Y	0.001295	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Min	X	0.00155	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Y	0.001265	45	26.8	14.8	42
12F RF	UDCon11	Combination		X	0.00204	32	11.4	19.6	42
12F RF	UDCon11	Combination		Y	0.002073	45	26.8	14.8	42
12F RF	UDCon12	Combination		X	0.002166	32	11.4	19.6	42
12F RF	UDCon12	Combination		Y	0.002184	45	26.8	14.8	42
12F RF	UDCon13	Combination	Max	X	0.00116	28	20.5	5	42
12F RF	UDCon13	Combination	Max	Y	0.002849	45	26.8	14.8	42
12F RF	UDCon13	Combination	Min	X	0.003655	11	7	19.6	42
12F RF	UDCon13	Combination	Min	Y	0.0021	33	3.75	19.6	42
12F RF	UDCon14	Combination	Max	X	0.001343	28	20.5	5	42
12F RF	UDCon14	Combination	Max	Y	0.002887	45	26.8	14.8	42
12F RF	UDCon14	Combination	Min	X	0.003311	11	7	19.6	42
12F RF	UDCon14	Combination	Min	Y	0.001984	33	3.75	19.6	42
12F RF	UDCon15	Combination	Max	X	0.001209	28	20.5	5	42
12F RF	UDCon15	Combination	Max	Y	0.002853	45	26.8	14.8	42
12F RF	UDCon15	Combination	Min	X	0.003084	11	7	19.6	42
12F RF	UDCon15	Combination	Min	Y	0.001866	33	3.75	19.6	42
12F RF	UDCon16	Combination	Max	X	0.001034	28	20.5	5	42
12F RF	UDCon16	Combination	Max	Y	0.002823	45	26.8	14.8	42
12F RF	UDCon16	Combination	Min	X	0.003168	11	7	19.6	42
12F RF	UDCon16	Combination	Min	Y	0.002188	33	3.75	19.6	42
12F RF	UDCon17	Combination	Max	X	0.00117	28	20.5	5	42
12F RF	UDCon17	Combination	Max	Y	0.002827	45	26.8	14.8	42
12F RF	UDCon17	Combination	Min	X	0.00363	11	7	19.6	42
12F RF	UDCon17	Combination	Min	Y	0.002098	33	3.75	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	UDCon18	Combination	Max	X	0.001353	28	20.5	5	42
12F RF	UDCon18	Combination	Max	Y	0.002865	45	26.8	14.8	42
12F RF	UDCon18	Combination	Min	X	0.003286	11	7	19.6	42
12F RF	UDCon18	Combination	Min	Y	0.001981	33	3.75	19.6	42
12F RF	UDCon19	Combination	Max	X	0.001219	28	20.5	5	42
12F RF	UDCon19	Combination	Max	Y	0.002831	45	26.8	14.8	42
12F RF	UDCon19	Combination	Min	X	0.003059	11	7	19.6	42
12F RF	UDCon19	Combination	Min	Y	0.001863	33	3.75	19.6	42
12F RF	UDCon20	Combination	Max	X	0.001044	28	20.5	5	42
12F RF	UDCon20	Combination	Max	Y	0.002801	45	26.8	14.8	42
12F RF	UDCon20	Combination	Min	X	0.003142	11	7	19.6	42
12F RF	UDCon20	Combination	Min	Y	0.002186	33	3.75	19.6	42
11F RF	Dead	LinStatic		X	0.000711	11	7	19.6	38.5
11F RF	Dead	LinStatic		Y	0.000718	45	26.8	14.8	38.5
11F RF	Live	LinStatic		X	8.2E-05	11	7	19.6	38.5
11F RF	Live	LinStatic		Y	7.2E-05	45	26.8	14.8	38.5
11F RF	FF	LinStatic		X	0.000426	11	7	19.6	38.5
11F RF	FF	LinStatic		Y	0.000433	45	26.8	14.8	38.5
11F RF	PW	LinStatic		X	0.000362	11	7	19.6	38.5
11F RF	Earthquake+x	LinStatic		X	0.00297	11	7	19.6	38.5
11F RF	Earthquake+x	LinStatic		Y	0.001257	45	26.8	14.8	38.5
11F RF	Earthquake+y	LinStatic		Y	0.003366	45	26.8	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Max	X	0.001819	11	7	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Y	0.001301	45	26.8	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Min	X	0.002164	11	7	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Y	0.001339	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	X	0.001655	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Y	0.0013	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Min	X	0.00157	11	7	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Y	0.00127	45	26.8	14.8	38.5
11F RF	UDCon11	Combination		X	0.002024	11	7	19.6	38.5
11F RF	UDCon11	Combination		Y	0.002051	45	26.8	14.8	38.5
11F RF	UDCon12	Combination		X	0.002148	11	7	19.6	38.5
11F RF	UDCon12	Combination		Y	0.002159	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Max	X	0.001185	28	20.5	5	38.5
11F RF	UDCon13	Combination	Max	Y	0.002842	45	26.8	14.8	38.5
11F RF	UDCon13	Combination	Min	X	0.003688	11	7	19.6	38.5
11F RF	UDCon13	Combination	Min	Y	0.00207	33	3.75	19.6	38.5
11F RF	UDCon14	Combination	Max	X	0.001361	28	20.5	5	38.5
11F RF	UDCon14	Combination	Max	Y	0.00288	45	26.8	14.8	38.5
11F RF	UDCon14	Combination	Min	X	0.003343	11	7	19.6	38.5
11F RF	UDCon14	Combination	Min	Y	0.001949	33	3.75	19.6	38.5
11F RF	UDCon15	Combination	Max	X	0.001213	28	20.5	5	38.5
11F RF	UDCon15	Combination	Max	Y	0.002841	45	26.8	14.8	38.5
11F RF	UDCon15	Combination	Min	X	0.003094	11	7	19.6	38.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
11F RF	UDCon15	Combination	Min	Y	0.001833	33	3.75	19.6	38.5
11F RF	UDCon16	Combination	Max	X	0.001039	28	20.5	5	38.5
11F RF	UDCon16	Combination	Max	Y	0.002811	45	26.8	14.8	38.5
11F RF	UDCon16	Combination	Min	X	0.003178	11	7	19.6	38.5
11F RF	UDCon16	Combination	Min	Y	0.002165	33	3.75	19.6	38.5
11F RF	UDCon17	Combination	Max	X	0.001195	28	20.5	5	38.5
11F RF	UDCon17	Combination	Max	Y	0.00282	45	26.8	14.8	38.5
11F RF	UDCon17	Combination	Min	X	0.003663	11	7	19.6	38.5
11F RF	UDCon17	Combination	Min	Y	0.002067	33	3.75	19.6	38.5
11F RF	UDCon18	Combination	Max	X	0.00137	28	20.5	5	38.5
11F RF	UDCon18	Combination	Max	Y	0.002858	45	26.8	14.8	38.5
11F RF	UDCon18	Combination	Min	X	0.003319	11	7	19.6	38.5
11F RF	UDCon18	Combination	Min	Y	0.001947	33	3.75	19.6	38.5
11F RF	UDCon19	Combination	Max	X	0.001222	28	20.5	5	38.5
11F RF	UDCon19	Combination	Max	Y	0.002819	45	26.8	14.8	38.5
11F RF	UDCon19	Combination	Min	X	0.00307	11	7	19.6	38.5
11F RF	UDCon19	Combination	Min	Y	0.001831	33	3.75	19.6	38.5
11F RF	UDCon20	Combination	Max	X	0.001049	28	20.5	5	38.5
11F RF	UDCon20	Combination	Max	Y	0.002789	45	26.8	14.8	38.5
11F RF	UDCon20	Combination	Min	X	0.003154	11	7	19.6	38.5
11F RF	UDCon20	Combination	Min	Y	0.002163	33	3.75	19.6	38.5
10F RF	Dead	LinStatic		X	0.000702	11	7	19.6	35
10F RF	Dead	LinStatic		Y	0.000705	45	26.8	14.8	35
10F RF	Live	LinStatic		X	8E-05	11	7	19.6	35
10F RF	Live	LinStatic		Y	7E-05	45	26.8	14.8	35
10F RF	FF	LinStatic		X	0.000422	11	7	19.6	35
10F RF	FF	LinStatic		Y	0.000427	43	26.8	5	35
10F RF	PW	LinStatic		X	0.000358	11	7	19.6	35
10F RF	Earthquake+x	LinStatic		X	0.003028	11	7	19.6	35
10F RF	Earthquake+x	LinStatic		Y	0.001264	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Y	0.003365	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	X	0.00186	11	7	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Y	0.001308	45	26.8	14.8	35
10F RF	TH-X Load Case	LinModHist	Min	X	0.002203	11	7	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Y	0.001346	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Max	X	0.001669	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Y	0.001301	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Min	X	0.001585	11	7	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Y	0.001272	45	26.8	14.8	35
10F RF	UDCon11	Combination		X	0.002	11	7	19.6	35
10F RF	UDCon11	Combination		Y	0.002018	43	26.8	5	35
10F RF	UDCon12	Combination		X	0.00212	11	7	19.6	35
10F RF	UDCon12	Combination		Y	0.002123	43	26.8	5	35
10F RF	UDCon13	Combination	Max	X	0.001218	50	22.6	5	35
10F RF	UDCon13	Combination	Max	Y	0.002823	45	26.8	14.8	35

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
10F RF	UDCon13	Combination	Min	X	0.003708	11	7	19.6	35
10F RF	UDCon13	Combination	Min	Y	0.002038	33	3.75	19.6	35
10F RF	UDCon14	Combination	Max	X	0.001382	50	22.6	5	35
10F RF	UDCon14	Combination	Max	Y	0.002861	45	26.8	14.8	35
10F RF	UDCon14	Combination	Min	X	0.003365	11	7	19.6	35
10F RF	UDCon14	Combination	Min	Y	0.001927	33	3.75	19.6	35
10F RF	UDCon15	Combination	Max	X	0.001216	50	22.6	5	35
10F RF	UDCon15	Combination	Max	Y	0.002817	45	26.8	14.8	35
10F RF	UDCon15	Combination	Min	X	0.00309	11	7	19.6	35
10F RF	UDCon15	Combination	Min	Y	0.001801	33	3.75	19.6	35
10F RF	UDCon16	Combination	Max	X	0.001048	50	22.6	5	35
10F RF	UDCon16	Combination	Max	Y	0.002788	45	26.8	14.8	35
10F RF	UDCon16	Combination	Min	X	0.003173	11	7	19.6	35
10F RF	UDCon16	Combination	Min	Y	0.002143	33	3.75	19.6	35
10F RF	UDCon17	Combination	Max	X	0.001227	50	22.6	5	35
10F RF	UDCon17	Combination	Max	Y	0.002802	45	26.8	14.8	35
10F RF	UDCon17	Combination	Min	X	0.003684	11	7	19.6	35
10F RF	UDCon17	Combination	Min	Y	0.002036	33	3.75	19.6	35
10F RF	UDCon18	Combination	Max	X	0.001391	50	22.6	5	35
10F RF	UDCon18	Combination	Max	Y	0.00284	45	26.8	14.8	35
10F RF	UDCon18	Combination	Min	X	0.003341	11	7	19.6	35
10F RF	UDCon18	Combination	Min	Y	0.001925	33	3.75	19.6	35
10F RF	UDCon19	Combination	Max	X	0.001225	50	22.6	5	35
10F RF	UDCon19	Combination	Max	Y	0.002796	45	26.8	14.8	35
10F RF	UDCon19	Combination	Min	X	0.003066	11	7	19.6	35
10F RF	UDCon19	Combination	Min	Y	0.001798	33	3.75	19.6	35
10F RF	UDCon20	Combination	Max	X	0.001057	50	22.6	5	35
10F RF	UDCon20	Combination	Max	Y	0.002767	45	26.8	14.8	35
10F RF	UDCon20	Combination	Min	X	0.003149	11	7	19.6	35
10F RF	UDCon20	Combination	Min	Y	0.00214	33	3.75	19.6	35
9F RF	Dead	LinStatic		X	0.000691	11	7	19.6	31.5
9F RF	Dead	LinStatic		Y	0.000694	43	26.8	5	31.5
9F RF	Live	LinStatic		X	7.8E-05	11	7	19.6	31.5
9F RF	Live	LinStatic		Y	6.9E-05	43	26.8	5	31.5
9F RF	FF	LinStatic		X	0.000416	11	7	19.6	31.5
9F RF	FF	LinStatic		Y	0.000422	43	26.8	5	31.5
9F RF	PW	LinStatic		X	0.000354	11	7	19.6	31.5
9F RF	Earthquake+x	LinStatic		X	0.003074	11	7	19.6	31.5
9F RF	Earthquake+x	LinStatic		Y	0.001271	44	26.8	19.6	31.5
9F RF	Earthquake+y	LinStatic		Y	0.003349	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	X	0.001895	11	7	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Y	0.00131	45	26.8	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Min	X	0.002234	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Y	0.001349	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Max	X	0.001674	33	3.75	19.6	31.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
9F RF	TH-Y Load Case	LinModHist	Max	Y	0.001299	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Min	X	0.001596	11	7	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Y	0.00127	45	26.8	14.8	31.5
9F RF	UDCon11	Combination		X	0.001973	11	7	19.6	31.5
9F RF	UDCon11	Combination		Y	0.001991	43	26.8	5	31.5
9F RF	UDCon12	Combination		X	0.00209	11	7	19.6	31.5
9F RF	UDCon12	Combination		Y	0.002094	43	26.8	5	31.5
9F RF	UDCon13	Combination	Max	X	0.001263	50	22.6	5	31.5
9F RF	UDCon13	Combination	Max	Y	0.002794	45	26.8	14.8	31.5
9F RF	UDCon13	Combination	Min	X	0.003719	11	7	19.6	31.5
9F RF	UDCon13	Combination	Min	Y	0.002008	33	3.75	19.6	31.5
9F RF	UDCon14	Combination	Max	X	0.001412	50	22.6	5	31.5
9F RF	UDCon14	Combination	Max	Y	0.002832	45	26.8	14.8	31.5
9F RF	UDCon14	Combination	Min	X	0.00338	11	7	19.6	31.5
9F RF	UDCon14	Combination	Min	Y	0.001908	33	3.75	19.6	31.5
9F RF	UDCon15	Combination	Max	X	0.001224	50	22.6	5	31.5
9F RF	UDCon15	Combination	Max	Y	0.002783	45	26.8	14.8	31.5
9F RF	UDCon15	Combination	Min	X	0.003081	11	7	19.6	31.5
9F RF	UDCon15	Combination	Min	Y	0.001771	33	3.75	19.6	31.5
9F RF	UDCon16	Combination	Max	X	0.001067	50	22.6	5	31.5
9F RF	UDCon16	Combination	Max	Y	0.002754	45	26.8	14.8	31.5
9F RF	UDCon16	Combination	Min	X	0.003158	11	7	19.6	31.5
9F RF	UDCon16	Combination	Min	Y	0.002122	33	3.75	19.6	31.5
9F RF	UDCon17	Combination	Max	X	0.001272	50	22.6	5	31.5
9F RF	UDCon17	Combination	Max	Y	0.002773	45	26.8	14.8	31.5
9F RF	UDCon17	Combination	Min	X	0.003695	11	7	19.6	31.5
9F RF	UDCon17	Combination	Min	Y	0.002006	33	3.75	19.6	31.5
9F RF	UDCon18	Combination	Max	X	0.001421	50	22.6	5	31.5
9F RF	UDCon18	Combination	Max	Y	0.002812	45	26.8	14.8	31.5
9F RF	UDCon18	Combination	Min	X	0.003356	11	7	19.6	31.5
9F RF	UDCon18	Combination	Min	Y	0.001906	33	3.75	19.6	31.5
9F RF	UDCon19	Combination	Max	X	0.001233	50	22.6	5	31.5
9F RF	UDCon19	Combination	Max	Y	0.002762	45	26.8	14.8	31.5
9F RF	UDCon19	Combination	Min	X	0.003058	11	7	19.6	31.5
9F RF	UDCon19	Combination	Min	Y	0.001769	33	3.75	19.6	31.5
9F RF	UDCon20	Combination	Max	X	0.001076	50	22.6	5	31.5
9F RF	UDCon20	Combination	Max	Y	0.002734	45	26.8	14.8	31.5
9F RF	UDCon20	Combination	Min	X	0.003134	11	7	19.6	31.5
9F RF	UDCon20	Combination	Min	Y	0.002119	33	3.75	19.6	31.5
8F RF	Dead	LinStatic		X	0.000682	11	7	19.6	28
8F RF	Dead	LinStatic		Y	0.000682	43	26.8	5	28
8F RF	Live	LinStatic		X	7.6E-05	11	7	19.6	28
8F RF	Live	LinStatic		Y	6.7E-05	43	26.8	5	28
8F RF	FF	LinStatic		X	0.000413	11	7	19.6	28
8F RF	FF	LinStatic		Y	0.000417	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	PW	LinStatic		X	0.000353	11	7	19.6	28
8F RF	Earthquake+x	LinStatic		X	0.003107	33	3.75	19.6	28
8F RF	Earthquake+x	LinStatic		Y	0.001279	44	26.8	19.6	28
8F RF	Earthquake+y	LinStatic		Y	0.003313	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	X	0.001923	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Y	0.001308	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Min	X	0.002256	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Y	0.001347	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Max	X	0.001668	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Y	0.001293	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Min	X	0.001613	11	7	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Y	0.001264	45	26.8	14.8	28
8F RF	UDCon11	Combination		X	0.001954	11	7	19.6	28
8F RF	UDCon11	Combination		Y	0.001964	43	26.8	5	28
8F RF	UDCon12	Combination		X	0.002068	11	7	19.6	28
8F RF	UDCon12	Combination		Y	0.002064	43	26.8	5	28
8F RF	UDCon13	Combination	Max	X	0.001326	42	24.7	5	28
8F RF	UDCon13	Combination	Max	Y	0.002756	43	26.8	5	28
8F RF	UDCon13	Combination	Min	X	0.003726	11	7	19.6	28
8F RF	UDCon13	Combination	Min	Y	0.001983	33	3.75	19.6	28
8F RF	UDCon14	Combination	Max	X	0.001455	42	24.7	5	28
8F RF	UDCon14	Combination	Max	Y	0.002793	43	26.8	5	28
8F RF	UDCon14	Combination	Min	X	0.003393	11	7	19.6	28
8F RF	UDCon14	Combination	Min	Y	0.001896	33	3.75	19.6	28
8F RF	UDCon15	Combination	Max	X	0.001245	42	24.7	5	28
8F RF	UDCon15	Combination	Max	Y	0.002746	43	26.8	5	28
8F RF	UDCon15	Combination	Min	X	0.003084	11	7	19.6	28
8F RF	UDCon15	Combination	Min	Y	0.001748	33	3.75	19.6	28
8F RF	UDCon16	Combination	Max	X	0.001103	42	24.7	5	28
8F RF	UDCon16	Combination	Max	Y	0.002713	43	26.8	5	28
8F RF	UDCon16	Combination	Min	X	0.003137	11	7	19.6	28
8F RF	UDCon16	Combination	Min	Y	0.002107	33	3.75	19.6	28
8F RF	UDCon17	Combination	Max	X	0.001334	42	24.7	5	28
8F RF	UDCon17	Combination	Max	Y	0.002736	43	26.8	5	28
8F RF	UDCon17	Combination	Min	X	0.003703	11	7	19.6	28
8F RF	UDCon17	Combination	Min	Y	0.00198	33	3.75	19.6	28
8F RF	UDCon18	Combination	Max	X	0.001464	42	24.7	5	28
8F RF	UDCon18	Combination	Max	Y	0.002773	43	26.8	5	28
8F RF	UDCon18	Combination	Min	X	0.00337	11	7	19.6	28
8F RF	UDCon18	Combination	Min	Y	0.001894	33	3.75	19.6	28
8F RF	UDCon19	Combination	Max	X	0.001253	42	24.7	5	28
8F RF	UDCon19	Combination	Max	Y	0.002726	43	26.8	5	28
8F RF	UDCon19	Combination	Min	X	0.003061	11	7	19.6	28
8F RF	UDCon19	Combination	Min	Y	0.001745	33	3.75	19.6	28
8F RF	UDCon20	Combination	Max	X	0.001111	42	24.7	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	UDCon20	Combination	Max	Y	0.002693	43	26.8	5	28
8F RF	UDCon20	Combination	Min	X	0.003115	11	7	19.6	28
8F RF	UDCon20	Combination	Min	Y	0.002105	33	3.75	19.6	28
7F RF	Dead	LinStatic		X	0.00068	11	7	19.6	24.5
7F RF	Dead	LinStatic		Y	0.000673	43	26.8	5	24.5
7F RF	Live	LinStatic		X	7.4E-05	11	7	19.6	24.5
7F RF	Live	LinStatic		Y	6.5E-05	43	26.8	5	24.5
7F RF	FF	LinStatic		X	0.000415	11	7	19.6	24.5
7F RF	FF	LinStatic		Y	0.000414	43	26.8	5	24.5
7F RF	PW	LinStatic		X	0.000357	11	7	19.6	24.5
7F RF	PW	LinStatic		Y	0.000379	33	3.75	19.6	24.5
7F RF	Earthquake+x	LinStatic		X	0.003119	33	3.75	19.6	24.5
7F RF	Earthquake+x	LinStatic		Y	0.001287	45	26.8	14.8	24.5
7F RF	Earthquake+y	LinStatic		Y	0.003255	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	X	0.00194	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Y	0.001301	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Min	X	0.002265	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Y	0.001338	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Max	X	0.001692	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Y	0.001282	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Min	X	0.001622	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Y	0.001253	45	26.8	14.8	24.5
7F RF	UDCon11	Combination		X	0.001961	11	7	19.6	24.5
7F RF	UDCon11	Combination		Y	0.001947	43	26.8	5	24.5
7F RF	UDCon12	Combination		X	0.002071	11	7	19.6	24.5
7F RF	UDCon12	Combination		Y	0.002044	43	26.8	5	24.5
7F RF	UDCon13	Combination	Max	X	0.001412	42	24.7	5	24.5
7F RF	UDCon13	Combination	Max	Y	0.002727	43	26.8	5	24.5
7F RF	UDCon13	Combination	Min	X	0.003738	11	7	19.6	24.5
7F RF	UDCon13	Combination	Min	Y	0.001967	33	3.75	19.6	24.5
7F RF	UDCon14	Combination	Max	X	0.00152	42	24.7	5	24.5
7F RF	UDCon14	Combination	Max	Y	0.002764	43	26.8	5	24.5
7F RF	UDCon14	Combination	Min	X	0.003413	11	7	19.6	24.5
7F RF	UDCon14	Combination	Min	Y	0.001897	33	3.75	19.6	24.5
7F RF	UDCon15	Combination	Max	X	0.001284	42	24.7	5	24.5
7F RF	UDCon15	Combination	Max	Y	0.002713	43	26.8	5	24.5
7F RF	UDCon15	Combination	Min	X	0.003096	11	7	19.6	24.5
7F RF	UDCon15	Combination	Min	Y	0.001756	33	3.75	19.6	24.5
7F RF	UDCon16	Combination	Max	X	0.001163	42	24.7	5	24.5
7F RF	UDCon16	Combination	Max	Y	0.002681	43	26.8	5	24.5
7F RF	UDCon16	Combination	Min	X	0.003165	11	7	19.6	24.5
7F RF	UDCon16	Combination	Min	Y	0.002106	33	3.75	19.6	24.5
7F RF	UDCon17	Combination	Max	X	0.00142	42	24.7	5	24.5
7F RF	UDCon17	Combination	Max	Y	0.002708	43	26.8	5	24.5
7F RF	UDCon17	Combination	Min	X	0.003716	11	7	19.6	24.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
7F RF	UDCon17	Combination	Min	Y	0.001964	33	3.75	19.6	24.5
7F RF	UDCon18	Combination	Max	X	0.001527	42	24.7	5	24.5
7F RF	UDCon18	Combination	Max	Y	0.002744	43	26.8	5	24.5
7F RF	UDCon18	Combination	Min	X	0.003391	11	7	19.6	24.5
7F RF	UDCon18	Combination	Min	Y	0.001895	33	3.75	19.6	24.5
7F RF	UDCon19	Combination	Max	X	0.001292	42	24.7	5	24.5
7F RF	UDCon19	Combination	Max	Y	0.002693	43	26.8	5	24.5
7F RF	UDCon19	Combination	Min	X	0.003074	11	7	19.6	24.5
7F RF	UDCon19	Combination	Min	Y	0.001753	33	3.75	19.6	24.5
7F RF	UDCon20	Combination	Max	X	0.00117	42	24.7	5	24.5
7F RF	UDCon20	Combination	Max	Y	0.002661	43	26.8	5	24.5
7F RF	UDCon20	Combination	Min	X	0.003143	11	7	19.6	24.5
7F RF	UDCon20	Combination	Min	Y	0.002103	33	3.75	19.6	24.5
6F RF	Dead	LinStatic		X	0.000689	33	3.75	19.6	21
6F RF	Dead	LinStatic		Y	0.000667	43	26.8	5	21
6F RF	Live	LinStatic		X	7.2E-05	11	7	19.6	21
6F RF	Live	LinStatic		Y	6.3E-05	43	26.8	5	21
6F RF	FF	LinStatic		X	0.000427	33	3.75	19.6	21
6F RF	PW	LinStatic		X	0.00037	33	3.75	19.6	21
6F RF	PW	LinStatic		Y	0.000388	33	3.75	19.6	21
6F RF	Earthquake+x	LinStatic		X	0.003118	44	26.8	19.6	21
6F RF	Earthquake+x	LinStatic		Y	0.001292	45	26.8	14.8	21
6F RF	Earthquake+y	LinStatic		Y	0.003166	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Max	X	0.001947	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Y	0.001285	45	26.8	14.8	21
6F RF	TH-X Load Case	LinModHist	Min	X	0.002263	44	26.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Y	0.001321	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Max	X	0.001743	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Y	0.001264	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	X	0.00162	44	26.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Y	0.001232	45	26.8	14.8	21
6F RF	UDCon11	Combination		X	0.002006	33	3.75	19.6	21
6F RF	UDCon11	Combination		Y	0.001945	43	26.8	5	21
6F RF	UDCon12	Combination		X	0.002114	33	3.75	19.6	21
6F RF	UDCon12	Combination		Y	0.002039	43	26.8	5	21
6F RF	UDCon13	Combination	Max	X	0.001495	42	24.7	5	21
6F RF	UDCon13	Combination	Max	Y	0.002703	43	26.8	5	21
6F RF	UDCon13	Combination	Min	X	0.003763	33	3.75	19.6	21
6F RF	UDCon13	Combination	Min	Y	0.00197	33	3.75	19.6	21
6F RF	UDCon14	Combination	Max	X	0.001579	42	24.7	5	21
6F RF	UDCon14	Combination	Max	Y	0.002738	43	26.8	5	21
6F RF	UDCon14	Combination	Min	X	0.003448	33	3.75	19.6	21
6F RF	UDCon14	Combination	Min	Y	0.001919	33	3.75	19.6	21
6F RF	UDCon15	Combination	Max	X	0.001319	42	24.7	5	21
6F RF	UDCon15	Combination	Max	Y	0.002684	43	26.8	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	UDCon15	Combination	Min	X	0.003126	33	3.75	19.6	21
6F RF	UDCon15	Combination	Min	Y	0.001786	33	3.75	19.6	21
6F RF	UDCon16	Combination	Max	X	0.001221	42	24.7	5	21
6F RF	UDCon16	Combination	Max	Y	0.002652	43	26.8	5	21
6F RF	UDCon16	Combination	Min	X	0.00325	33	3.75	19.6	21
6F RF	UDCon16	Combination	Min	Y	0.002123	33	3.75	19.6	21
6F RF	UDCon17	Combination	Max	X	0.001501	42	24.7	5	21
6F RF	UDCon17	Combination	Max	Y	0.002684	43	26.8	5	21
6F RF	UDCon17	Combination	Min	X	0.003741	33	3.75	19.6	21
6F RF	UDCon17	Combination	Min	Y	0.001967	33	3.75	19.6	21
6F RF	UDCon18	Combination	Max	X	0.001586	42	24.7	5	21
6F RF	UDCon18	Combination	Max	Y	0.002719	43	26.8	5	21
6F RF	UDCon18	Combination	Min	X	0.003427	33	3.75	19.6	21
6F RF	UDCon18	Combination	Min	Y	0.001916	33	3.75	19.6	21
6F RF	UDCon19	Combination	Max	X	0.001326	42	24.7	5	21
6F RF	UDCon19	Combination	Max	Y	0.002665	43	26.8	5	21
6F RF	UDCon19	Combination	Min	X	0.003104	33	3.75	19.6	21
6F RF	UDCon19	Combination	Min	Y	0.001783	33	3.75	19.6	21
6F RF	UDCon20	Combination	Max	X	0.001227	42	24.7	5	21
6F RF	UDCon20	Combination	Max	Y	0.002633	43	26.8	5	21
6F RF	UDCon20	Combination	Min	X	0.003228	33	3.75	19.6	21
6F RF	UDCon20	Combination	Min	Y	0.00212	33	3.75	19.6	21
5F RF	Dead	LinStatic		X	0.000708	33	3.75	19.6	17.5
5F RF	Dead	LinStatic		Y	0.000655	43	26.8	5	17.5
5F RF	Live	LinStatic		X	7E-05	33	3.75	19.6	17.5
5F RF	Live	LinStatic		Y	6.1E-05	43	26.8	5	17.5
5F RF	FF	LinStatic		X	0.000449	33	3.75	19.6	17.5
5F RF	PW	LinStatic		X	0.000393	33	3.75	19.6	17.5
5F RF	PW	LinStatic		Y	0.000399	33	3.75	19.6	17.5
5F RF	Earthquake+x	LinStatic		X	0.003118	44	26.8	19.6	17.5
5F RF	Earthquake+x	LinStatic		Y	0.001291	45	26.8	14.8	17.5
5F RF	Earthquake+y	LinStatic		Y	0.003032	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	X	0.001956	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Y	0.001255	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	X	0.002263	44	26.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Y	0.001289	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Max	X	0.001801	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Y	0.001234	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	X	0.001621	44	26.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Y	0.001197	45	26.8	14.8	17.5
5F RF	UDCon11	Combination		X	0.002093	33	3.75	19.6	17.5
5F RF	UDCon11	Combination		Y	0.001922	43	26.8	5	17.5
5F RF	UDCon12	Combination		X	0.002199	33	3.75	19.6	17.5
5F RF	UDCon12	Combination		Y	0.002013	43	26.8	5	17.5
5F RF	UDCon13	Combination	Max	X	0.001501	42	24.7	5	17.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
5F RF	UDCon13	Combination	Max	Y	0.002657	43	26.8	5	17.5
5F RF	UDCon13	Combination	Min	X	0.003796	33	3.75	19.6	17.5
5F RF	UDCon13	Combination	Min	Y	0.001984	33	3.75	19.6	17.5
5F RF	UDCon14	Combination	Max	X	0.001571	42	24.7	5	17.5
5F RF	UDCon14	Combination	Max	Y	0.002691	43	26.8	5	17.5
5F RF	UDCon14	Combination	Min	X	0.003494	33	3.75	19.6	17.5
5F RF	UDCon14	Combination	Min	Y	0.001945	33	3.75	19.6	17.5
5F RF	UDCon15	Combination	Max	X	0.001335	42	24.7	5	17.5
5F RF	UDCon15	Combination	Max	Y	0.002635	43	26.8	5	17.5
5F RF	UDCon15	Combination	Min	X	0.003171	33	3.75	19.6	17.5
5F RF	UDCon15	Combination	Min	Y	0.001815	33	3.75	19.6	17.5
5F RF	UDCon16	Combination	Max	X	0.001207	42	24.7	5	17.5
5F RF	UDCon16	Combination	Max	Y	0.002602	43	26.8	5	17.5
5F RF	UDCon16	Combination	Min	X	0.003346	33	3.75	19.6	17.5
5F RF	UDCon16	Combination	Min	Y	0.002141	33	3.75	19.6	17.5
5F RF	UDCon17	Combination	Max	X	0.001506	42	24.7	5	17.5
5F RF	UDCon17	Combination	Max	Y	0.002638	43	26.8	5	17.5
5F RF	UDCon17	Combination	Min	X	0.003774	33	3.75	19.6	17.5
5F RF	UDCon17	Combination	Min	Y	0.001979	33	3.75	19.6	17.5
5F RF	UDCon18	Combination	Max	X	0.001576	42	24.7	5	17.5
5F RF	UDCon18	Combination	Max	Y	0.002673	43	26.8	5	17.5
5F RF	UDCon18	Combination	Min	X	0.003473	33	3.75	19.6	17.5
5F RF	UDCon18	Combination	Min	Y	0.00194	33	3.75	19.6	17.5
5F RF	UDCon19	Combination	Max	X	0.001341	42	24.7	5	17.5
5F RF	UDCon19	Combination	Max	Y	0.002617	43	26.8	5	17.5
5F RF	UDCon19	Combination	Min	X	0.00315	33	3.75	19.6	17.5
5F RF	UDCon19	Combination	Min	Y	0.001811	33	3.75	19.6	17.5
5F RF	UDCon20	Combination	Max	X	0.001213	42	24.7	5	17.5
5F RF	UDCon20	Combination	Max	Y	0.002584	43	26.8	5	17.5
5F RF	UDCon20	Combination	Min	X	0.003325	33	3.75	19.6	17.5
5F RF	UDCon20	Combination	Min	Y	0.002137	33	3.75	19.6	17.5
4F RF	Dead	LinStatic		X	0.000731	33	3.75	19.6	14
4F RF	Dead	LinStatic		Y	0.000815	43	26.8	5	14
4F RF	Live	LinStatic		X	6.8E-05	33	3.75	19.6	14
4F RF	Live	LinStatic		Y	6.7E-05	43	26.8	5	14
4F RF	FF	LinStatic		X	0.000474	33	3.75	19.6	14
4F RF	FF	LinStatic		Y	0.000546	43	26.8	5	14
4F RF	PW	LinStatic		X	0.000421	33	3.75	19.6	14
4F RF	PW	LinStatic		Y	0.000488	43	26.8	5	14
4F RF	Earthquake+x	LinStatic		X	0.003131	44	26.8	19.6	14
4F RF	Earthquake+x	LinStatic		Y	0.001271	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		X	0.000514	11	7	19.6	14
4F RF	Earthquake+y	LinStatic		Y	0.002843	48	26.8	12	14
4F RF	TH-X Load Case	LinModHist	Max	X	0.001975	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Y	0.001198	44	26.8	19.6	14

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
4F RF	TH-X Load Case	LinModHist	Min	X	0.002272	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Y	0.00123	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	X	0.001871	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Y	0.001183	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	X	0.00163	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Y	0.001138	44	26.8	19.6	14
4F RF	UDCon11	Combination		X	0.002196	33	3.75	19.6	14
4F RF	UDCon11	Combination		Y	0.002496	43	26.8	5	14
4F RF	UDCon12	Combination		X	0.002299	33	3.75	19.6	14
4F RF	UDCon12	Combination		Y	0.002597	43	26.8	5	14
4F RF	UDCon13	Combination	Max	X	0.00122	43	26.8	5	14
4F RF	UDCon13	Combination	Max	Y	0.003047	43	26.8	5	14
4F RF	UDCon13	Combination	Min	X	0.003817	33	3.75	19.6	14
4F RF	UDCon13	Combination	Min	Y	0.001834	33	3.75	19.6	14
4F RF	UDCon14	Combination	Max	X	0.00128	43	26.8	5	14
4F RF	UDCon14	Combination	Max	Y	0.003081	43	26.8	5	14
4F RF	UDCon14	Combination	Min	X	0.00353	33	3.75	19.6	14
4F RF	UDCon14	Combination	Min	Y	0.001806	33	3.75	19.6	14
4F RF	UDCon15	Combination	Max	X	0.001096	43	26.8	5	14
4F RF	UDCon15	Combination	Max	Y	0.003016	43	26.8	5	14
4F RF	UDCon15	Combination	Min	X	0.003211	33	3.75	19.6	14
4F RF	UDCon15	Combination	Min	Y	0.001665	33	3.75	19.6	14
4F RF	UDCon16	Combination	Max	X	0.000948	43	26.8	5	14
4F RF	UDCon16	Combination	Max	Y	0.002984	43	26.8	5	14
4F RF	UDCon16	Combination	Min	X	0.003432	33	3.75	19.6	14
4F RF	UDCon16	Combination	Min	Y	0.001981	33	3.75	19.6	14
4F RF	UDCon17	Combination	Max	X	0.001226	43	26.8	5	14
4F RF	UDCon17	Combination	Max	Y	0.003027	43	26.8	5	14
4F RF	UDCon17	Combination	Min	X	0.003797	33	3.75	19.6	14
4F RF	UDCon17	Combination	Min	Y	0.00183	33	3.75	19.6	14
4F RF	UDCon18	Combination	Max	X	0.001286	43	26.8	5	14
4F RF	UDCon18	Combination	Max	Y	0.003061	43	26.8	5	14
4F RF	UDCon18	Combination	Min	X	0.003509	33	3.75	19.6	14
4F RF	UDCon18	Combination	Min	Y	0.001803	33	3.75	19.6	14
4F RF	UDCon19	Combination	Max	X	0.001103	43	26.8	5	14
4F RF	UDCon19	Combination	Max	Y	0.002996	43	26.8	5	14
4F RF	UDCon19	Combination	Min	X	0.00319	33	3.75	19.6	14
4F RF	UDCon19	Combination	Min	Y	0.001661	33	3.75	19.6	14
4F RF	UDCon20	Combination	Max	X	0.000955	43	26.8	5	14
4F RF	UDCon20	Combination	Max	Y	0.002963	43	26.8	5	14
4F RF	UDCon20	Combination	Min	X	0.003411	33	3.75	19.6	14
4F RF	UDCon20	Combination	Min	Y	0.001977	33	3.75	19.6	14
3F RF	Dead	LinStatic		X	0.000871	45	26.8	14.8	10.5
3F RF	Dead	LinStatic		Y	0.000662	48	26.8	12	10.5
3F RF	Live	LinStatic		X	7.1E-05	45	26.8	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	Live	LinStatic		Y	5.7E-05	48	26.8	12	10.5
3F RF	FF	LinStatic		X	0.000607	45	26.8	14.8	10.5
3F RF	FF	LinStatic		Y	0.000429	48	26.8	12	10.5
3F RF	PW	LinStatic		X	0.000553	45	26.8	14.8	10.5
3F RF	PW	LinStatic		Y	0.000379	48	26.8	12	10.5
3F RF	Earthquake+x	LinStatic		X	0.003226	44	26.8	19.6	10.5
3F RF	Earthquake+x	LinStatic		Y	0.001256	43	26.8	5	10.5
3F RF	Earthquake+y	LinStatic		Y	0.002691	43	26.8	5	10.5
3F RF	TH-X Load Case	LinModHist	Max	X	0.002046	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Y	0.001172	43	26.8	5	10.5
3F RF	TH-X Load Case	LinModHist	Min	X	0.002336	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Y	0.00119	43	26.8	5	10.5
3F RF	TH-Y Load Case	LinModHist	Max	X	0.001991	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Y	0.001146	43	26.8	5	10.5
3F RF	TH-Y Load Case	LinModHist	Min	X	0.001681	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Y	0.001099	43	26.8	5	10.5
3F RF	UDCon11	Combination		X	0.002743	45	26.8	14.8	10.5
3F RF	UDCon11	Combination		Y	0.001985	48	26.8	12	10.5
3F RF	UDCon12	Combination		X	0.002849	45	26.8	14.8	10.5
3F RF	UDCon12	Combination		Y	0.00207	48	26.8	12	10.5
3F RF	UDCon13	Combination	Max	X	0.001181	26	11.4	5	10.5
3F RF	UDCon13	Combination	Max	Y	0.002594	48	26.8	12	10.5
3F RF	UDCon13	Combination	Min	X	0.004071	44	26.8	19.6	10.5
3F RF	UDCon13	Combination	Min	Y	0.00167	45	26.8	14.8	10.5
3F RF	UDCon14	Combination	Max	X	0.001234	26	11.4	5	10.5
3F RF	UDCon14	Combination	Max	Y	0.002625	48	26.8	12	10.5
3F RF	UDCon14	Combination	Min	X	0.003781	44	26.8	19.6	10.5
3F RF	UDCon14	Combination	Min	Y	0.001679	45	26.8	14.8	10.5
3F RF	UDCon15	Combination	Max	X	0.001082	26	11.4	5	10.5
3F RF	UDCon15	Combination	Max	Y	0.002564	48	26.8	12	10.5
3F RF	UDCon15	Combination	Min	X	0.003417	44	26.8	19.6	10.5
3F RF	UDCon15	Combination	Min	Y	0.001579	45	26.8	14.8	10.5
3F RF	UDCon16	Combination	Max	X	0.000934	26	11.4	5	10.5
3F RF	UDCon16	Combination	Max	Y	0.002529	48	26.8	12	10.5
3F RF	UDCon16	Combination	Min	X	0.003726	44	26.8	19.6	10.5
3F RF	UDCon16	Combination	Min	Y	0.001684	39	3.75	10	10.5
3F RF	UDCon17	Combination	Max	X	0.001186	26	11.4	5	10.5
3F RF	UDCon17	Combination	Max	Y	0.002576	48	26.8	12	10.5
3F RF	UDCon17	Combination	Min	X	0.004051	44	26.8	19.6	10.5
3F RF	UDCon17	Combination	Min	Y	0.001675	45	26.8	14.8	10.5
3F RF	UDCon18	Combination	Max	X	0.001239	26	11.4	5	10.5
3F RF	UDCon18	Combination	Max	Y	0.002608	48	26.8	12	10.5
3F RF	UDCon18	Combination	Min	X	0.003761	44	26.8	19.6	10.5
3F RF	UDCon18	Combination	Min	Y	0.001684	45	26.8	14.8	10.5
3F RF	UDCon19	Combination	Max	X	0.001088	26	11.4	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	UDCon19	Combination	Max	Y	0.002547	48	26.8	12	10.5
3F RF	UDCon19	Combination	Min	X	0.003396	44	26.8	19.6	10.5
3F RF	UDCon19	Combination	Min	Y	0.001584	45	26.8	14.8	10.5
3F RF	UDCon20	Combination	Max	X	0.000939	26	11.4	5	10.5
3F RF	UDCon20	Combination	Max	Y	0.002512	48	26.8	12	10.5
3F RF	UDCon20	Combination	Min	X	0.003705	44	26.8	19.6	10.5
3F RF	UDCon20	Combination	Min	Y	0.001681	39	3.75	10	10.5
2F RF	Dead	LinStatic		X	0.001436	6	20.5	19.6	7
2F RF	Dead	LinStatic		Y	0.001649	43	26.8	5	7
2F RF	Live	LinStatic		X	0.000105	6	20.5	19.6	7
2F RF	Live	LinStatic		Y	0.000102	43	26.8	5	7
2F RF	FF	LinStatic		X	0.001026	6	20.5	19.6	7
2F RF	FF	LinStatic		Y	0.001252	43	26.8	5	7
2F RF	PW	LinStatic		X	0.000946	6	20.5	19.6	7
2F RF	PW	LinStatic		Y	0.001172	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		X	0.00374	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Y	0.002521	43	26.8	5	7
2F RF	TH-X Load Case	LinModHist	Max	X	0.002371	6	20.5	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Y	0.001019	48	26.8	12	7
2F RF	TH-X Load Case	LinModHist	Min	X	0.00263	6	20.5	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Y	0.001049	48	26.8	12	7
2F RF	TH-Y Load Case	LinModHist	Max	X	0.002414	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Y	0.000998	48	26.8	12	7
2F RF	TH-Y Load Case	LinModHist	Min	X	0.001863	6	20.5	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Y	0.000941	48	26.8	12	7
2F RF	UDCon11	Combination		X	0.004601	6	20.5	19.6	7
2F RF	UDCon11	Combination		Y	0.005498	43	26.8	5	7
2F RF	UDCon12	Combination		X	0.004758	6	20.5	19.6	7
2F RF	UDCon12	Combination		Y	0.00565	43	26.8	5	7
2F RF	UDCon13	Combination	Max	Y	0.005103	43	26.8	5	7
2F RF	UDCon13	Combination	Min	X	0.00607	6	20.5	19.6	7
2F RF	UDCon14	Combination	Max	Y	0.005112	43	26.8	5	7
2F RF	UDCon14	Combination	Min	X	0.00581	6	20.5	19.6	7
2F RF	UDCon15	Combination	Max	Y	0.005063	43	26.8	5	7
2F RF	UDCon15	Combination	Min	X	0.005303	6	20.5	19.6	7
2F RF	UDCon15	Combination	Min	Y	0.003247	43	26.8	5	7
2F RF	UDCon16	Combination	Max	Y	0.004958	43	26.8	5	7
2F RF	UDCon16	Combination	Min	X	0.005853	6	20.5	19.6	7
2F RF	UDCon17	Combination	Max	Y	0.005072	43	26.8	5	7
2F RF	UDCon17	Combination	Min	X	0.006038	6	20.5	19.6	7
2F RF	UDCon18	Combination	Max	Y	0.005081	43	26.8	5	7
2F RF	UDCon18	Combination	Min	X	0.005779	6	20.5	19.6	7
2F RF	UDCon19	Combination	Max	Y	0.005032	43	26.8	5	7
2F RF	UDCon19	Combination	Min	X	0.005271	6	20.5	19.6	7
2F RF	UDCon19	Combination	Min	Y	0.003217	43	26.8	5	7

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
2F RF	UDCon20	Combination	Max	Y	0.004928	43	26.8	5	7
2F RF	UDCon20	Combination	Min	X	0.005822	6	20.5	19.6	7
1F RF	Dead	LinStatic		X	0.00572	40	3.75	5	3.5
1F RF	Dead	LinStatic		Y	0.010051	32	11.4	19.6	3.5
1F RF	Live	LinStatic		X	0.00036	40	3.75	5	3.5
1F RF	Live	LinStatic		Y	0.001341	32	11.4	19.6	3.5
1F RF	FF	LinStatic		X	0.004402	40	3.75	5	3.5
1F RF	FF	LinStatic		Y	0.006202	32	11.4	19.6	3.5
1F RF	PW	LinStatic		X	0.004135	40	3.75	5	3.5
1F RF	PW	LinStatic		Y	0.005204	32	11.4	19.6	3.5
1F RF	Earthquake+x	LinStatic		X	0.006407	43	26.8	5	3.5
1F RF	Earthquake+x	LinStatic		Y	0.004332	31	15.8	19.6	3.5
1F RF	Earthquake+y	LinStatic		X	0.003535	33	3.75	19.6	3.5
1F RF	Earthquake+y	LinStatic		Y	0.002423	28	20.5	5	3.5
1F RF	TH-X Load Case	LinModHist	Max	X	0.004067	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Max	Y	0.003382	31	15.8	19.6	3.5
1F RF	TH-X Load Case	LinModHist	Min	X	0.004372	43	26.8	5	3.5
1F RF	TH-X Load Case	LinModHist	Min	Y	0.002921	31	15.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Max	X	0.004088	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Y	0.002574	31	15.8	19.6	3.5
1F RF	TH-Y Load Case	LinModHist	Min	X	0.003447	43	26.8	5	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Y	0.00309	31	15.8	19.6	3.5
1F RF	UDCon11	Combination		X	0.019247	40	3.75	5	3.5
1F RF	UDCon11	Combination		Y	0.028967	32	11.4	19.6	3.5
1F RF	UDCon12	Combination		X	0.019788	40	3.75	5	3.5
1F RF	UDCon12	Combination		Y	0.030979	32	11.4	19.6	3.5
1F RF	UDCon13	Combination	Max	X	0.010611	40	3.75	5	3.5
1F RF	UDCon13	Combination	Max	Y	0.019539	32	11.4	19.6	3.5
1F RF	UDCon13	Combination	Min	X	0.018336	40	3.75	5	3.5
1F RF	UDCon13	Combination	Min	Y	0.024562	32	11.4	19.6	3.5
1F RF	UDCon14	Combination	Max	X	0.010394	40	3.75	5	3.5
1F RF	UDCon14	Combination	Max	Y	0.019157	32	11.4	19.6	3.5
1F RF	UDCon14	Combination	Min	X	0.018119	40	3.75	5	3.5
1F RF	UDCon14	Combination	Min	Y	0.02418	32	11.4	19.6	3.5
1F RF	UDCon15	Combination	Max	X	0.010532	40	3.75	5	3.5
1F RF	UDCon15	Combination	Max	Y	0.019342	32	11.4	19.6	3.5
1F RF	UDCon15	Combination	Min	X	0.01752	40	3.75	5	3.5
1F RF	UDCon15	Combination	Min	Y	0.023715	32	11.4	19.6	3.5
1F RF	UDCon16	Combination	Max	X	0.011211	40	3.75	5	3.5
1F RF	UDCon16	Combination	Max	Y	0.020004	32	11.4	19.6	3.5
1F RF	UDCon16	Combination	Min	X	0.018198	40	3.75	5	3.5
1F RF	UDCon16	Combination	Min	Y	0.024377	32	11.4	19.6	3.5
1F RF	UDCon17	Combination	Max	X	0.010503	40	3.75	5	3.5
1F RF	UDCon17	Combination	Max	Y	0.019137	32	11.4	19.6	3.5
1F RF	UDCon17	Combination	Min	X	0.018228	40	3.75	5	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	UDCon17	Combination	Min	Y	0.02416	32	11.4	19.6	3.5
1F RF	UDCon18	Combination	Max	X	0.010286	40	3.75	5	3.5
1F RF	UDCon18	Combination	Max	Y	0.018754	32	11.4	19.6	3.5
1F RF	UDCon18	Combination	Min	X	0.018011	40	3.75	5	3.5
1F RF	UDCon18	Combination	Min	Y	0.023777	32	11.4	19.6	3.5
1F RF	UDCon19	Combination	Max	X	0.010424	40	3.75	5	3.5
1F RF	UDCon19	Combination	Max	Y	0.018939	32	11.4	19.6	3.5
1F RF	UDCon19	Combination	Min	X	0.017411	40	3.75	5	3.5
1F RF	UDCon19	Combination	Min	Y	0.023313	32	11.4	19.6	3.5
1F RF	UDCon20	Combination	Max	X	0.011103	40	3.75	5	3.5
1F RF	UDCon20	Combination	Max	Y	0.019602	32	11.4	19.6	3.5
1F RF	UDCon20	Combination	Min	X	0.01809	40	3.75	5	3.5
1F RF	UDCon20	Combination	Min	Y	0.023975	32	11.4	19.6	3.5

Table 3.8 - Story Forces (Part 1 of 2)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
16	Dead	LinStatic		Top	6011.524	766.7032	-171.3754	-20779.1499
16	Dead	LinStatic		Bottom	13630.076	785.0581	-180.9762	-21397.4823
16	Live	LinStatic		Top	782.4751	-18.0923	43.613	656.258
16	Live	LinStatic		Bottom	814.0799	-15.5537	42.9664	590.3413
16	FF	LinStatic		Top	3699.7879	738.1977	-318.0888	-20754.0549
16	FF	LinStatic		Bottom	10782.8877	750.062	-321.9718	-21096.3327
16	PW	LinStatic		Top	3124.208	742.7624	-347.2932	-21107.3871
16	PW	LinStatic		Bottom	10204.6855	752.7329	-350.6879	-21400.2141
16	Earthquake+x	LinStatic		Top	179.874	-941.326	-249.0826	5735.4428
16	Earthquake+x	LinStatic		Bottom	214.839	-962.2641	-250.3995	5808.0612
16	Earthquake+y	LinStatic		Top	402.2102	-398.5051	-333.1835	5530.0105
16	Earthquake+y	LinStatic		Bottom	472.9543	-396.6128	-357.7561	5056.5709
16	TH-X Load Case	LinModHist	Max	Top	185.2193	678.6253	196.7128	5960.8236
16	TH-X Load Case	LinModHist	Max	Bottom	218.0701	689.5033	196.476	5983.2702
16	TH-X Load Case	LinModHist	Min	Top	-141.8883	-567.6833	-154.6218	-5881.4999
16	TH-X Load Case	LinModHist	Min	Bottom	-159.625	-580.7471	-153.792	-5957.2816
16	TH-Y Load Case	LinModHist	Max	Top	172.3337	453.9501	122.3071	5361.6919
16	TH-Y Load Case	LinModHist	Max	Bottom	204.1789	462.9857	124.4151	5359.394
16	TH-Y Load Case	LinModHist	Min	Top	-175.7643	-617.1698	-181.7719	-4074.314
16	TH-Y Load Case	LinModHist	Min	Bottom	-202.7665	-635.4715	-182.8831	-4117.8706
16	UDCon11	Combination		Top	17327.9518	3034.3454	-1129.6224	-84564.7992
16	UDCon11	Combination		Bottom	46733.8265	3088.6017	-1152.4085	-86256.9391
16	UDCon12	Combination		Top	18501.6645	3007.207	-1064.2029	-83580.4121
16	UDCon12	Combination		Bottom	47954.9463	3065.2711	-1087.9589	-85371.4271
16	UDCon13	Combination	Max	Top	13255.4817	2920.8609	-626.9607	-56482.891
16	UDCon13	Combination	Max	Bottom	35079.9433	2972.6903	-644.27	-57733.6564
16	UDCon13	Combination	Min	Top	12928.3741	1674.5523	-978.2953	-68325.2145
16	UDCon13	Combination	Min	Bottom	34702.2482	1702.4399	-994.538	-69674.2082

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
16	UDCon14	Combination	Max	Top	13212.1507	2809.9189	-669.0516	-56562.2147
16	UDCon14	Combination	Max	Bottom	35021.4982	2863.934	-686.9541	-57759.645
16	UDCon14	Combination	Min	Top	12885.043	1563.6103	-1020.3862	-68404.5382
16	UDCon14	Combination	Min	Bottom	34643.8031	1593.6837	-1037.222	-69700.1967
16	UDCon15	Combination	Max	Top	13242.596	2696.1857	-701.3663	-57082.0227
16	UDCon15	Combination	Max	Bottom	35066.0522	2746.1727	-716.3309	-58357.5326
16	UDCon15	Combination	Min	Top	12894.498	1625.0657	-1005.4453	-66518.0285
16	UDCon15	Combination	Min	Bottom	34659.1067	1647.7155	-1023.6291	-67834.7972
16	UDCon16	Combination	Max	Top	13246.0267	2859.4054	-641.9016	-58369.4006
16	UDCon16	Combination	Max	Bottom	35064.6398	2918.6585	-657.8629	-59599.0559
16	UDCon16	Combination	Min	Top	12897.9287	1788.2855	-945.9805	-67805.4065
16	UDCon16	Combination	Min	Bottom	34657.6943	1820.2013	-965.1612	-69076.3205
16	UDCon17	Combination	Max	Top	13020.7392	2926.2886	-640.0446	-56679.7684
16	UDCon17	Combination	Max	Bottom	34835.7194	2977.3564	-657.1599	-57910.7588
16	UDCon17	Combination	Min	Top	12693.6315	1679.98	-991.3792	-68522.0919
16	UDCon17	Combination	Min	Bottom	34458.0243	1707.106	-1007.4279	-69851.3106
16	UDCon18	Combination	Max	Top	12977.4081	2815.3466	-682.1355	-56759.0921
16	UDCon18	Combination	Max	Bottom	34777.2742	2868.6002	-699.844	-57936.7474
16	UDCon18	Combination	Min	Top	12650.3005	1569.038	-1033.4701	-68601.4156
16	UDCon18	Combination	Min	Bottom	34399.5791	1598.3498	-1050.1119	-69877.2991
16	UDCon19	Combination	Max	Top	13007.8535	2701.6134	-714.4502	-57278.9001
16	UDCon19	Combination	Max	Bottom	34821.8282	2750.8388	-729.2208	-58534.635
16	UDCon19	Combination	Min	Top	12659.7555	1630.4934	-1018.5292	-66714.9059
16	UDCon19	Combination	Min	Bottom	34414.8827	1652.3816	-1036.519	-68011.8996
16	UDCon20	Combination	Max	Top	13011.2842	2864.8331	-654.9855	-58566.278
16	UDCon20	Combination	Max	Bottom	34820.4158	2923.3246	-670.7528	-59776.1583
16	UDCon20	Combination	Min	Top	12663.1861	1793.7132	-959.0644	-68002.2839
16	UDCon20	Combination	Min	Bottom	34413.4703	1824.8674	-978.0511	-69253.4229
15	Dead	LinStatic		Top	18241.4387	563.1171	21.451	-14140.0651
15	Dead	LinStatic		Bottom	24451.7384	563.1171	21.451	-14140.0651
15	Live	LinStatic		Top	1452.1841	-51.2272	46.7999	965.9567
15	Live	LinStatic		Bottom	1485.9985	-51.2272	46.7999	965.9567
15	FF	LinStatic		Top	13700.4736	638.3472	-152.0171	-15635.2453
15	FF	LinStatic		Bottom	19375.5733	638.3472	-152.0171	-15635.2453
15	PW	LinStatic		Top	12650.9086	663.4683	-183.7544	-16181.1704
15	PW	LinStatic		Bottom	18321.3282	663.4683	-183.7544	-16181.1704
15	Earthquake+x	LinStatic		Top	425.1245	-1326.2459	-283.7981	9431.4555
15	Earthquake+x	LinStatic		Bottom	425.1245	-1346.0211	-283.7981	9549.1438
15	Earthquake+y	LinStatic		Top	525.6942	-655.3695	-1408.0895	-7188.8882
15	Earthquake+y	LinStatic		Bottom	525.6942	-655.3695	-1432.1931	-7651.5178
15	TH-X Load Case	LinModHist	Max	Top	299.1584	979.2291	387.7306	9940.4925
15	TH-X Load Case	LinModHist	Max	Bottom	299.1584	992.0244	393.3108	10051.7982
15	TH-X Load Case	LinModHist	Min	Top	-239.7019	-905.5939	-366.256	-10718.6894
15	TH-X Load Case	LinModHist	Min	Bottom	-239.7019	-916.3901	-375.2243	-10905.2202
15	TH-Y Load Case	LinModHist	Max	Top	313.5209	678.8786	354.6229	10698.6473

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
15	TH-Y Load Case	LinModHist	Max	Bottom	313.5209	686.8979	362.4149	10843.5915
15	TH-Y Load Case	LinModHist	Min	Top	-295.2231	-943.5088	-352.4106	-9700.9133
15	TH-Y Load Case	LinModHist	Min	Bottom	-295.2231	-959.2655	-352.7333	-9867.9532
15	UDCon11	Combination		Top	60200.3082	2517.659	-424.3327	-62041.2491
15	UDCon11	Combination		Bottom	83900.6639	2517.659	-424.3327	-62041.2491
15	UDCon12	Combination		Top	62378.5843	2440.8182	-354.1329	-60592.3141
15	UDCon12	Combination		Bottom	86129.6617	2440.8182	-354.1329	-60592.3141
15	UDCon13	Combination	Max	Top	45327.6345	2828.7935	87.4501	-35726.2014
15	UDCon13	Combination	Max	Bottom	62893.5979	2841.5888	93.0302	-35614.8956
15	UDCon13	Combination	Min	Top	44788.7742	943.9705	-666.5366	-56385.3833
15	UDCon13	Combination	Min	Bottom	62354.7376	933.1743	-675.5049	-56571.914
15	UDCon14	Combination	Max	Top	45268.178	2755.1583	65.9755	-34948.0044
15	UDCon14	Combination	Max	Bottom	62834.1414	2765.9545	74.9438	-34761.4737
15	UDCon14	Combination	Min	Top	44729.3177	870.3353	-688.0111	-55607.1863
15	UDCon14	Combination	Min	Bottom	62295.2811	857.54	-693.5913	-55718.492
15	UDCon15	Combination	Max	Top	45341.997	2528.443	54.3424	-34968.0466
15	UDCon15	Combination	Max	Bottom	62907.9604	2536.4623	62.1343	-34823.1024
15	UDCon15	Combination	Min	Top	44733.253	906.0556	-652.6912	-55367.6072
15	UDCon15	Combination	Min	Bottom	62299.2164	890.2989	-653.0138	-55534.647
15	UDCon16	Combination	Max	Top	45323.6992	2793.0732	52.1301	-35965.7805
15	UDCon16	Combination	Max	Bottom	62889.6626	2808.8299	52.4528	-35798.7407
15	UDCon16	Combination	Min	Top	44714.9552	1170.6858	-654.9034	-56365.3411
15	UDCon16	Combination	Min	Bottom	62280.9186	1162.6665	-662.6954	-56510.2853
15	UDCon17	Combination	Max	Top	44891.9793	2844.1616	73.4101	-36015.9884
15	UDCon17	Combination	Max	Bottom	62447.7983	2856.957	78.9903	-35904.6826
15	UDCon17	Combination	Min	Top	44353.119	959.3387	-680.5765	-56675.1703
15	UDCon17	Combination	Min	Bottom	61908.9381	948.5425	-689.5448	-56861.701
15	UDCon18	Combination	Max	Top	44832.5228	2770.5265	51.9355	-35237.7914
15	UDCon18	Combination	Max	Bottom	62388.3418	2781.3227	60.9038	-35051.2607
15	UDCon18	Combination	Min	Top	44293.6625	885.7035	-702.0511	-55896.9733
15	UDCon18	Combination	Min	Bottom	61849.4816	872.9082	-707.6312	-56008.279
15	UDCon19	Combination	Max	Top	44906.3418	2543.8112	40.3024	-35257.8336
15	UDCon19	Combination	Max	Bottom	62462.1608	2551.8304	48.0944	-35112.8894
15	UDCon19	Combination	Min	Top	44297.5977	921.4238	-666.7311	-55657.3942
15	UDCon19	Combination	Min	Bottom	61853.4168	905.6671	-667.0538	-55824.434
15	UDCon20	Combination	Max	Top	44888.044	2808.4414	38.0901	-36255.5675
15	UDCon20	Combination	Max	Bottom	62443.8631	2824.1981	38.4128	-36088.5277
15	UDCon20	Combination	Min	Top	44279.3	1186.054	-668.9434	-56655.1281
15	UDCon20	Combination	Min	Bottom	61835.1191	1178.0347	-676.7354	-56800.0723
14	Dead	LinStatic		Top	27599.7056	455.0252	60.5129	-11374.5825
14	Dead	LinStatic		Bottom	33810.0053	455.0252	60.5129	-11374.5825
14	Live	LinStatic		Top	2064.206	-53.7553	46.9051	1125.7579
14	Live	LinStatic		Bottom	2098.0204	-53.7553	46.9051	1125.7579
14	FF	LinStatic		Top	21099.4889	548.5743	-114.5135	-13567.036
14	FF	LinStatic		Bottom	26774.5886	548.5743	-114.5135	-13567.036

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
14	PW	LinStatic		Top	19618.6135	575.7429	-145.8195	-14219.3229
14	PW	LinStatic		Bottom	25289.0332	575.7429	-145.8195	-14219.3229
14	Earthquake+x	LinStatic		Top	338.8182	-1825.7943	-252.7071	16757.4713
14	Earthquake+x	LinStatic		Bottom	338.8182	-1844.2511	-252.7071	16867.3137
14	Earthquake+y	LinStatic		Top	770.3115	-734.2895	-2287.8176	-18926.2975
14	Earthquake+y	LinStatic		Bottom	770.3115	-734.2895	-2310.3143	-19358.0852
14	TH-X Load Case	LinModHist	Max	Top	283.6805	1318.9905	678.6769	15322.22
14	TH-X Load Case	LinModHist	Max	Bottom	283.6805	1329.16	683.773	15414.6603
14	TH-X Load Case	LinModHist	Min	Top	-266.9678	-1195.6142	-617.6009	-17654.6617
14	TH-X Load Case	LinModHist	Min	Bottom	-266.9678	-1203.7194	-625.8955	-17817.2869
14	TH-Y Load Case	LinModHist	Max	Top	275.4247	905.8718	614.8146	16992.0073
14	TH-Y Load Case	LinModHist	Max	Bottom	275.4247	912.5891	621.928	17115.7048
14	TH-Y Load Case	LinModHist	Min	Top	-263.988	-1305.9324	-475.7916	-16654.3618
14	TH-Y Load Case	LinModHist	Min	Bottom	-263.988	-1319.2081	-479.0455	-16803.9091
14	UDCon11	Combination		Top	92229.0407	2132.1122	-269.7572	-52867.2709
14	UDCon11	Combination		Bottom	115929.3964	2132.1122	-269.7572	-52867.2709
14	UDCon12	Combination		Top	95325.3497	2051.4793	-199.3996	-51178.6341
14	UDCon12	Combination		Bottom	119076.4271	2051.4793	-199.3996	-51178.6341
14	UDCon13	Combination	Max	Top	69220.7502	2882.2063	492.9282	-23500.9941
14	UDCon13	Combination	Max	Bottom	86786.7136	2892.3758	498.0244	-23408.5538
14	UDCon13	Combination	Min	Top	68670.102	367.6016	-803.3495	-56477.8757
14	UDCon13	Combination	Min	Bottom	86236.0654	359.4964	-811.6441	-56640.501
14	UDCon14	Combination	Max	Top	69204.0375	2758.83	431.8522	-21168.5524
14	UDCon14	Combination	Max	Bottom	86770.0009	2766.9352	440.1469	-21005.9272
14	UDCon14	Combination	Min	Top	68653.3892	244.2253	-864.4255	-54145.4341
14	UDCon14	Combination	Min	Bottom	86219.3526	234.0558	-869.5217	-54237.8744
14	UDCon15	Combination	Max	Top	69212.4944	2469.0876	429.066	-21831.2068
14	UDCon15	Combination	Max	Bottom	86778.4578	2475.8049	436.1794	-21707.5093
14	UDCon15	Combination	Min	Top	68673.0817	257.2834	-661.5403	-55477.5759
14	UDCon15	Combination	Min	Bottom	86239.0451	244.0077	-664.7942	-55627.1232
14	UDCon16	Combination	Max	Top	69201.0577	2869.1482	290.043	-22168.8522
14	UDCon16	Combination	Max	Bottom	86767.0212	2882.4239	293.2969	-22019.305
14	UDCon16	Combination	Min	Top	68661.6451	657.344	-800.5632	-55815.2214
14	UDCon16	Combination	Min	Bottom	86227.6085	650.6267	-807.6767	-55938.9188
14	UDCon17	Combination	Max	Top	68601.4884	2898.3329	478.8567	-23838.7214
14	UDCon17	Combination	Max	Bottom	86157.3075	2908.5024	483.9529	-23746.2811
14	UDCon17	Combination	Min	Top	68050.8402	383.7282	-817.421	-56815.6031
14	UDCon17	Combination	Min	Bottom	85606.6592	375.623	-825.7157	-56978.2283
14	UDCon18	Combination	Max	Top	68584.7757	2774.9566	417.7807	-21506.2798
14	UDCon18	Combination	Max	Bottom	86140.5948	2783.0618	426.0753	-21343.6546
14	UDCon18	Combination	Min	Top	68034.1274	260.3519	-878.4971	-54483.1615
14	UDCon18	Combination	Min	Bottom	85589.9465	250.1824	-883.5932	-54575.6018
14	UDCon19	Combination	Max	Top	68593.2326	2485.2142	414.9944	-22168.9341
14	UDCon19	Combination	Max	Bottom	86149.0517	2491.9315	422.1079	-22045.2367
14	UDCon19	Combination	Min	Top	68053.8199	273.41	-675.6118	-55815.3033

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
14	UDCon19	Combination	Min	Bottom	85609.639	260.1343	-678.8657	-55964.8505
14	UDCon20	Combination	Max	Top	68581.796	2885.2748	275.9715	-22506.5796
14	UDCon20	Combination	Max	Bottom	86137.615	2898.5505	279.2254	-22357.0323
14	UDCon20	Combination	Min	Top	68042.3833	673.4706	-814.6348	-56152.9487
14	UDCon20	Combination	Min	Bottom	85598.2023	666.7533	-821.7482	-56276.6462
13	Dead	LinStatic		Top	37233.7089	500.1731	117.2298	-10373.3541
13	Dead	LinStatic		Bottom	43444.0086	500.1731	117.2298	-10373.3541
13	Live	LinStatic		Top	2683.2971	-49.6874	47.7477	1135.8711
13	Live	LinStatic		Bottom	2717.1115	-49.6874	47.7477	1135.8711
13	FF	LinStatic		Top	28711.6067	582.9732	-67.3601	-12770.4905
13	FF	LinStatic		Bottom	34386.7064	582.9732	-67.3601	-12770.4905
13	PW	LinStatic		Top	26793.1381	607.4157	-98.9152	-13428.0068
13	PW	LinStatic		Bottom	32463.5577	607.4157	-98.9152	-13428.0068
13	Earthquake+x	LinStatic		Top	254.6371	-2219.0188	-185.3465	23137.2663
13	Earthquake+x	LinStatic		Bottom	254.6371	-2236.1573	-185.3465	23239.2628
13	Earthquake+y	LinStatic		Top	978.9271	-832.3919	-3119.7943	-29836.227
13	Earthquake+y	LinStatic		Bottom	978.9271	-832.3919	-3140.6841	-30237.1726
13	TH-X Load Case	LinModHist	Max	Top	325.73	1542.4839	950.1194	19542.0648
13	TH-X Load Case	LinModHist	Max	Bottom	325.73	1549.9751	954.733	19615.438
13	TH-X Load Case	LinModHist	Min	Top	-345.6586	-1379.4631	-851.3044	-23197.2217
13	TH-X Load Case	LinModHist	Min	Bottom	-345.6586	-1384.8281	-858.9153	-23335.6536
13	TH-Y Load Case	LinModHist	Max	Top	334.9882	1068.2208	862.0057	21918.1204
13	TH-Y Load Case	LinModHist	Max	Bottom	334.9882	1073.6069	868.4367	22020.301
13	TH-Y Load Case	LinModHist	Min	Top	-385.113	-1553.5845	-661.9872	-22508.5712
13	TH-Y Load Case	LinModHist	Min	Bottom	-385.113	-1564.3143	-668.7339	-22640.4244
13	UDCon11	Combination		Top	125196.9124	2282.2589	-66.2114	-49371.9993
13	UDCon11	Combination		Bottom	148897.2682	2282.2589	-66.2114	-49371.9993
13	UDCon12	Combination		Top	129221.8581	2207.7278	5.4101	-47668.1926
13	UDCon12	Combination		Bottom	152972.9355	2207.7278	5.4101	-47668.1926
13	UDCon13	Combination	Max	Top	93869.1728	3218.1398	915.3982	-16689.0253
13	UDCon13	Combination	Max	Bottom	111435.1362	3225.631	920.0118	-16615.652
13	UDCon13	Combination	Min	Top	93197.7841	296.1928	-886.0256	-59428.3117
13	UDCon13	Combination	Min	Bottom	110763.7476	290.8278	-893.6364	-59566.7436
13	UDCon14	Combination	Max	Top	93889.1014	3055.1191	816.5833	-13033.8683
13	UDCon14	Combination	Max	Bottom	111455.0648	3060.484	824.1941	-12895.4365
13	UDCon14	Combination	Min	Top	93217.7128	133.172	-984.8405	-55773.1548
13	UDCon14	Combination	Min	Bottom	110783.6762	125.6808	-989.4541	-55846.528
13	UDCon15	Combination	Max	Top	93878.431	2743.8767	827.2846	-14312.9696
13	UDCon15	Combination	Max	Bottom	111444.3944	2749.2628	833.7156	-14210.789
13	UDCon15	Combination	Min	Top	93158.3298	122.0714	-696.7083	-58739.6612
13	UDCon15	Combination	Min	Bottom	110724.2932	111.3416	-703.4551	-58871.5144
13	UDCon16	Combination	Max	Top	93928.5557	3229.2404	627.266	-13722.5188
13	UDCon16	Combination	Max	Bottom	111494.5191	3239.9702	634.0128	-13590.6657
13	UDCon16	Combination	Min	Top	93208.4545	607.4351	-896.7269	-58149.2104
13	UDCon16	Combination	Min	Bottom	110774.4179	602.0491	-903.1579	-58251.391

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
13	UDCon17	Combination	Max	Top	93064.1837	3233.046	901.0739	-17029.7866
13	UDCon17	Combination	Max	Bottom	110620.0027	3240.5372	905.6875	-16956.4133
13	UDCon17	Combination	Min	Top	92392.795	311.099	-900.3499	-59769.073
13	UDCon17	Combination	Min	Bottom	109948.6141	305.734	-907.9607	-59907.5049
13	UDCon18	Combination	Max	Top	93084.1123	3070.0253	802.259	-13374.6297
13	UDCon18	Combination	Max	Bottom	110639.9313	3075.3902	809.8698	-13236.1978
13	UDCon18	Combination	Min	Top	92412.7236	148.0782	-999.1648	-56113.9161
13	UDCon18	Combination	Min	Bottom	109968.5427	140.5871	-1003.7784	-56187.2894
13	UDCon19	Combination	Max	Top	93073.4419	2758.7829	812.9603	-14653.7309
13	UDCon19	Combination	Max	Bottom	110629.261	2764.169	819.3913	-14551.5503
13	UDCon19	Combination	Min	Top	92353.3407	136.9776	-711.0326	-59080.4225
13	UDCon19	Combination	Min	Bottom	109909.1598	126.2478	-717.7794	-59212.2757
13	UDCon20	Combination	Max	Top	93123.5666	3244.1466	612.9417	-14063.2802
13	UDCon20	Combination	Max	Bottom	110679.3857	3254.8764	619.6885	-13931.427
13	UDCon20	Combination	Min	Top	92403.4654	622.3413	-911.0512	-58489.9718
13	UDCon20	Combination	Min	Bottom	109959.2845	616.9553	-917.4822	-58592.1524
12F RF	Dead	LinStatic		Top	47057.0703	537.9431	158.6662	-10001.7066
12F RF	Dead	LinStatic		Bottom	53267.37	537.9431	158.6662	-10001.7066
12F RF	Live	LinStatic		Top	3315.7003	-46.1188	48.9098	1113.965
12F RF	Live	LinStatic		Bottom	3349.5148	-46.1188	48.9098	1113.965
12F RF	FF	LinStatic		Top	36462.8384	610.6015	-32.2873	-12404.5711
12F RF	FF	LinStatic		Bottom	42137.938	610.6015	-32.2873	-12404.5711
12F RF	PW	LinStatic		Top	34097.1336	632.7579	-64.5349	-13047.7011
12F RF	PW	LinStatic		Bottom	39767.5532	632.7579	-64.5349	-13047.7011
12F RF	Earthquake+x	LinStatic		Top	134.3897	-2588.453	-138.5872	29091.2164
12F RF	Earthquake+x	LinStatic		Bottom	134.3897	-2604.2732	-138.5872	29185.3671
12F RF	Earthquake+y	LinStatic		Top	1165.5932	-931.052	-3861.9211	-39401.9764
12F RF	Earthquake+y	LinStatic		Bottom	1165.5932	-931.052	-3881.204	-39772.0801
12F RF	TH-X Load Case	LinModHist	Max	Top	420.0629	1754.7569	1190.345	22719.2051
12F RF	TH-X Load Case	LinModHist	Max	Bottom	420.0629	1760.8647	1194.4811	22773.7524
12F RF	TH-X Load Case	LinModHist	Min	Top	-424.3458	-1493.391	-1053.2119	-27565.3186
12F RF	TH-X Load Case	LinModHist	Min	Bottom	-424.3458	-1496.054	-1060.1297	-27679.7718
12F RF	TH-Y Load Case	LinModHist	Max	Top	427.156	1197.6762	1075.5176	25787.4379
12F RF	TH-Y Load Case	LinModHist	Max	Bottom	427.156	1201.7383	1081.2659	25885.5864
12F RF	TH-Y Load Case	LinModHist	Min	Top	-524.8549	-1740.6003	-836.8063	-27490.6832
12F RF	TH-Y Load Case	LinModHist	Min	Bottom	-524.8549	-1748.7922	-842.9338	-27604.8886
12F RF	UDCon11	Combination		Top	158783.007	2404.7585	83.4894	-47862.8713
12F RF	UDCon11	Combination		Bottom	182483.3627	2404.7585	83.4894	-47862.8713
12F RF	UDCon12	Combination		Top	163756.5575	2335.5803	156.8541	-46191.9237
12F RF	UDCon12	Combination		Bottom	187507.6349	2335.5803	156.8541	-46191.9237
12F RF	UDCon13	Combination	Max	Top	119031.8152	3522.2238	1266.8619	-12400.5842
12F RF	UDCon13	Combination	Max	Bottom	136597.7786	3528.3316	1270.998	-12346.0368
12F RF	UDCon13	Combination	Min	Top	118187.4065	274.0759	-976.695	-62685.1078
12F RF	UDCon13	Combination	Min	Bottom	135753.3699	271.4129	-983.6128	-62799.5611
12F RF	UDCon14	Combination	Max	Top	119036.0982	3260.858	1129.7288	-7554.4706

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
12F RF	UDCon14	Combination	Max	Bottom	136602.0616	3263.5209	1136.6466	-7440.0174
12F RF	UDCon14	Combination	Min	Top	118191.6894	12.71	-1113.828	-57838.9943
12F RF	UDCon14	Combination	Min	Bottom	135757.6528	6.6022	-1117.9642	-57893.5416
12F RF	UDCon15	Combination	Max	Top	119038.9083	2965.1432	1152.0346	-9332.3514
12F RF	UDCon15	Combination	Max	Bottom	136604.8717	2969.2052	1157.7829	-9234.2028
12F RF	UDCon15	Combination	Min	Top	118086.8974	26.8666	-760.2894	-62610.4724
12F RF	UDCon15	Combination	Min	Bottom	135652.8608	18.6747	-766.4168	-62724.6778
12F RF	UDCon16	Combination	Max	Top	119136.6072	3508.0673	913.3232	-7629.106
12F RF	UDCon16	Combination	Max	Bottom	136702.5706	3516.2591	919.4507	-7514.9006
12F RF	UDCon16	Combination	Min	Top	118184.5963	569.7907	-999.0007	-60907.2271
12F RF	UDCon16	Combination	Min	Bottom	135750.5597	565.7287	-1004.749	-61005.3757
12F RF	UDCon17	Combination	Max	Top	118037.1051	3536.0595	1252.189	-12734.7737
12F RF	UDCon17	Combination	Max	Bottom	135592.9242	3542.1673	1256.3251	-12680.2263
12F RF	UDCon17	Combination	Min	Top	117192.6964	287.9115	-991.3679	-63019.2973
12F RF	UDCon17	Combination	Min	Bottom	134748.5154	285.2486	-998.2857	-63133.7506
12F RF	UDCon18	Combination	Max	Top	118041.3881	3274.6936	1115.0559	-7888.6601
12F RF	UDCon18	Combination	Max	Bottom	135597.2071	3277.3566	1121.9737	-7774.2069
12F RF	UDCon18	Combination	Min	Top	117196.9793	26.5456	-1128.501	-58173.1838
12F RF	UDCon18	Combination	Min	Bottom	134752.7984	20.4378	-1132.6371	-58227.7312
12F RF	UDCon19	Combination	Max	Top	118044.1982	2978.9788	1137.3616	-9666.5409
12F RF	UDCon19	Combination	Max	Bottom	135600.0173	2983.0408	1143.1099	-9568.3923
12F RF	UDCon19	Combination	Min	Top	117092.1873	40.7022	-774.9623	-62944.662
12F RF	UDCon19	Combination	Min	Bottom	134648.0064	32.5103	-781.0898	-63058.8674
12F RF	UDCon20	Combination	Max	Top	118141.8971	3521.9029	898.6503	-7963.2955
12F RF	UDCon20	Combination	Max	Bottom	135697.7162	3530.0948	904.7777	-7849.0901
12F RF	UDCon20	Combination	Min	Top	117189.8862	583.6263	-1013.6737	-61241.4166
12F RF	UDCon20	Combination	Min	Bottom	134745.7053	579.5643	-1019.4219	-61339.5652
11F RF	Dead	LinStatic		Top	56969.7071	585.7286	189.5718	-10038.5759
11F RF	Dead	LinStatic		Bottom	63180.0068	585.7286	189.5718	-10038.5759
11F RF	Live	LinStatic		Top	3955.3089	-41.6193	48.9251	1049.3067
11F RF	Live	LinStatic		Bottom	3989.1233	-41.6193	48.9251	1049.3067
11F RF	FF	LinStatic		Top	44273.8217	644.6362	-3.5388	-12289.6978
11F RF	FF	LinStatic		Bottom	49948.9214	644.6362	-3.5388	-12289.6978
11F RF	PW	LinStatic		Top	41455.8411	663.8339	-35.749	-12888.6482
11F RF	PW	LinStatic		Bottom	47126.2608	663.8339	-35.749	-12888.6482
11F RF	Earthquake+x	LinStatic		Top	-8.7731	-2926.4395	-102.9971	34541.857
11F RF	Earthquake+x	LinStatic		Bottom	-8.7731	-2940.9413	-102.9971	34628.1617
11F RF	Earthquake+y	LinStatic		Top	1334.043	-1029.5958	-4538.4334	-48024.7204
11F RF	Earthquake+y	LinStatic		Bottom	1334.043	-1029.5958	-4556.1094	-48363.9821
11F RF	TH-X Load Case	LinModHist	Max	Top	602.8046	1934.8988	1406.2785	25262.6383
11F RF	TH-X Load Case	LinModHist	Max	Bottom	602.8046	1939.793	1409.9456	25333.0859
11F RF	TH-X Load Case	LinModHist	Min	Top	-507.8896	-1538.0223	-1231.4976	-30824.1414
11F RF	TH-X Load Case	LinModHist	Min	Bottom	-507.8896	-1538.1054	-1237.7167	-30915.2776
11F RF	TH-Y Load Case	LinModHist	Max	Top	508.8509	1292.5106	1260.8329	28708.0447
11F RF	TH-Y Load Case	LinModHist	Max	Bottom	508.8509	1295.2908	1265.9036	28796.8004

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
11F RF	TH-Y Load Case	LinModHist	Min	Top	-654.8568	-1866.2335	-989.126	-31618.2151
11F RF	TH-Y Load Case	LinModHist	Min	Bottom	-654.8568	-1871.9624	-994.6295	-31715.0866
11F RF	UDCon11	Combination		Top	192644.1493	2557.1682	202.8833	-47542.8445
11F RF	UDCon11	Combination		Bottom	216344.5051	2557.1682	202.8833	-47542.8445
11F RF	UDCon12	Combination		Top	198577.1126	2494.7391	276.271	-45968.8845
11F RF	UDCon12	Combination		Bottom	222328.19	2494.7391	276.271	-45968.8845
11F RF	UDCon13	Combination	Max	Top	144488.7671	3816.6117	1571.24	-9639.4916
11F RF	UDCon13	Combination	Max	Bottom	162054.7305	3821.5058	1574.9071	-9569.0439
11F RF	UDCon13	Combination	Min	Top	143378.073	343.6905	-1066.5361	-65726.2712
11F RF	UDCon13	Combination	Min	Bottom	160944.0364	343.6075	-1072.7552	-65817.4074
11F RF	UDCon14	Combination	Max	Top	144393.8521	3419.7351	1396.459	-4077.9885
11F RF	UDCon14	Combination	Max	Bottom	161959.8155	3419.8182	1402.6781	-3986.8523
11F RF	UDCon14	Combination	Min	Top	143283.158	-53.186	-1241.3171	-60164.7681
11F RF	UDCon14	Combination	Min	Bottom	160849.1214	-58.0802	-1244.9841	-60235.2158
11F RF	UDCon15	Combination	Max	Top	144394.8134	3174.2234	1425.7943	-6194.0851
11F RF	UDCon15	Combination	Max	Bottom	161960.7768	3177.0036	1430.865	-6105.3295
11F RF	UDCon15	Combination	Min	Top	143231.1057	15.4794	-824.1645	-66520.3449
11F RF	UDCon15	Combination	Min	Bottom	160797.0691	9.7505	-829.668	-66617.2165
11F RF	UDCon16	Combination	Max	Top	144540.8193	3747.9463	1154.0875	-3283.9148
11F RF	UDCon16	Combination	Max	Bottom	162106.7827	3753.6752	1159.5909	-3187.0432
11F RF	UDCon16	Combination	Min	Top	143377.1117	589.2023	-1095.8714	-63610.1746
11F RF	UDCon16	Combination	Min	Bottom	160943.0751	586.422	-1100.9421	-63698.9302
11F RF	UDCon17	Combination	Max	Top	143302.1744	3829.0975	1556.5625	-9954.2836
11F RF	UDCon17	Combination	Max	Bottom	160857.9935	3833.9916	1560.2296	-9883.8359
11F RF	UDCon17	Combination	Min	Top	142191.4803	356.1763	-1081.2136	-66041.0632
11F RF	UDCon17	Combination	Min	Bottom	159747.2994	356.0933	-1087.4327	-66132.1994
11F RF	UDCon18	Combination	Max	Top	143207.2594	3432.2209	1381.7815	-4392.7805
11F RF	UDCon18	Combination	Max	Bottom	160763.0785	3432.304	1388.0006	-4301.6443
11F RF	UDCon18	Combination	Min	Top	142096.5653	-40.7002	-1255.9946	-60479.5601
11F RF	UDCon18	Combination	Min	Bottom	159652.3844	-45.5944	-1259.6617	-60550.0078
11F RF	UDCon19	Combination	Max	Top	143208.2207	3186.7092	1411.1168	-6508.8771
11F RF	UDCon19	Combination	Max	Bottom	160764.0398	3189.4894	1416.1875	-6420.1215
11F RF	UDCon19	Combination	Min	Top	142044.5131	27.9652	-838.8421	-66835.1369
11F RF	UDCon19	Combination	Min	Bottom	159600.3321	22.2363	-844.3455	-66932.0085
11F RF	UDCon20	Combination	Max	Top	143354.2267	3760.4321	1139.41	-3598.7068
11F RF	UDCon20	Combination	Max	Bottom	160910.0457	3766.161	1144.9134	-3501.8352
11F RF	UDCon20	Combination	Min	Top	142190.519	601.6881	-1110.5489	-63924.9666
11F RF	UDCon20	Combination	Min	Bottom	159746.3381	598.9078	-1115.6196	-64013.7222
10F RF	Dead	LinStatic		Top	66910.9219	640.8327	224.0062	-10161.0332
10F RF	Dead	LinStatic		Bottom	73121.2216	640.8327	224.0062	-10161.0332
10F RF	Live	LinStatic		Top	4598.2983	-36.054	48.9692	971.9333
10F RF	Live	LinStatic		Bottom	4632.1127	-36.054	48.9692	971.9333
10F RF	FF	LinStatic		Top	52100.7841	682.672	29.3881	-12197.0533
10F RF	FF	LinStatic		Bottom	57775.8838	682.672	29.3881	-12197.0533
10F RF	PW	LinStatic		Top	48828.1899	698.0865	-2.8304	-12741.7959

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
10F RF	PW	LinStatic		Bottom	54498.6096	698.0865	-2.8304	-12741.7959
10F RF	Earthquake+x	LinStatic		Top	-168.0068	-3245.6044	-74.2374	39718.025
10F RF	Earthquake+x	LinStatic		Bottom	-168.0068	-3258.7879	-74.2374	39796.4838
10F RF	Earthquake+y	LinStatic		Top	1486.062	-1116.0229	-5160.4684	-56071.1663
10F RF	Earthquake+y	LinStatic		Bottom	1486.062	-1116.0229	-5176.5375	-56379.5861
10F RF	TH-X Load Case	LinModHist	Max	Top	772.902	2087.2927	1602.1953	28583.8446
10F RF	TH-X Load Case	LinModHist	Max	Bottom	772.902	2091.0348	1605.4046	28684.7514
10F RF	TH-X Load Case	LinModHist	Min	Top	-598.5052	-1670.5979	-1390.7239	-34479.9448
10F RF	TH-X Load Case	LinModHist	Min	Bottom	-598.5052	-1676.8492	-1396.2426	-34552.3708
10F RF	TH-Y Load Case	LinModHist	Max	Top	574.4524	1357.6359	1421.3264	30686.1941
10F RF	TH-Y Load Case	LinModHist	Max	Bottom	574.4524	1359.214	1425.7325	30752.2258
10F RF	TH-Y Load Case	LinModHist	Min	Top	-769.0561	-1940.9974	-1123.0667	-35092.9095
10F RF	TH-Y Load Case	LinModHist	Min	Bottom	-769.0561	-1944.4104	-1127.9455	-35173.068
10F RF	UDCon11	Combination		Top	226583.8595	2729.1481	338.2613	-47384.8412
10F RF	UDCon11	Combination		Bottom	250284.2152	2729.1481	338.2613	-47384.8412
10F RF	UDCon12	Combination		Top	233481.3069	2675.0671	411.7151	-45926.9412
10F RF	UDCon12	Combination		Bottom	257232.3843	2675.0671	411.7151	-45926.9412
10F RF	UDCon13	Combination	Max	Top	169992.2874	4098.0678	1867.45	-6224.4578
10F RF	UDCon13	Combination	Max	Bottom	187558.2508	4101.8098	1870.6592	-6123.5509
10F RF	UDCon13	Combination	Min	Top	168620.8802	340.1771	-1125.4692	-69288.2472
10F RF	UDCon13	Combination	Min	Bottom	186186.8436	333.9258	-1130.9879	-69360.6731
10F RF	UDCon14	Combination	Max	Top	169817.8906	3681.3729	1655.9786	-328.3575
10F RF	UDCon14	Combination	Max	Bottom	187383.854	3687.6242	1661.4973	-255.9316
10F RF	UDCon14	Combination	Min	Top	168446.4834	-76.5177	-1336.9407	-63392.1469
10F RF	UDCon14	Combination	Min	Bottom	186012.4468	-80.2598	-1340.1499	-63493.0538
10F RF	UDCon15	Combination	Max	Top	169793.8377	3368.4109	1686.5811	-4122.1083
10F RF	UDCon15	Combination	Max	Bottom	187359.8012	3369.989	1690.9871	-4056.0766
10F RF	UDCon15	Combination	Min	Top	168450.3293	69.7776	-857.812	-69901.2119
10F RF	UDCon15	Combination	Min	Bottom	186016.2927	66.3646	-862.6908	-69981.3704
10F RF	UDCon16	Combination	Max	Top	169988.4415	3951.7724	1388.3214	284.6072
10F RF	UDCon16	Combination	Max	Bottom	187554.4049	3955.1855	1393.2002	364.7657
10F RF	UDCon16	Combination	Min	Top	168644.933	653.1391	-1156.0718	-65494.4965
10F RF	UDCon16	Combination	Min	Bottom	186210.8964	651.561	-1160.4778	-65560.5281
10F RF	UDCon17	Combination	Max	Top	168612.7979	4108.884	1852.7593	-6516.0378
10F RF	UDCon17	Combination	Max	Bottom	186168.617	4112.626	1855.9685	-6415.1309
10F RF	UDCon17	Combination	Min	Top	167241.3907	350.9933	-1140.16	-69579.8272
10F RF	UDCon17	Combination	Min	Bottom	184797.2098	344.742	-1145.6787	-69652.2531
10F RF	UDCon18	Combination	Max	Top	168438.4011	3692.1891	1641.2878	-619.9375
10F RF	UDCon18	Combination	Max	Bottom	185994.2202	3698.4404	1646.8066	-547.5116
10F RF	UDCon18	Combination	Min	Top	167066.9939	-65.7015	-1351.6314	-63683.7269
10F RF	UDCon18	Combination	Min	Bottom	184622.813	-69.4436	-1354.8406	-63784.6337
10F RF	UDCon19	Combination	Max	Top	168414.3483	3379.2271	1671.8904	-4413.6882
10F RF	UDCon19	Combination	Max	Bottom	185970.1673	3380.8052	1676.2964	-4347.6566
10F RF	UDCon19	Combination	Min	Top	167070.8398	80.5938	-872.5028	-70192.7919
10F RF	UDCon19	Combination	Min	Bottom	184626.6589	77.1808	-877.3816	-70272.9504

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
10F RF	UDCon20	Combination	Max	Top	168608.952	3962.5886	1373.6307	-6.9728
10F RF	UDCon20	Combination	Max	Bottom	186164.7711	3966.0017	1378.5094	73.1857
10F RF	UDCon20	Combination	Min	Top	167265.4435	663.9553	-1170.7625	-65786.0764
10F RF	UDCon20	Combination	Min	Bottom	184821.2626	662.3772	-1175.1685	-65852.1081
9F RF	Dead	LinStatic		Top	76851.1414	700.8256	273.2692	-10198.1791
9F RF	Dead	LinStatic		Bottom	83061.4411	700.8256	273.2692	-10198.1791
9F RF	Live	LinStatic		Top	5242.1754	-29.5493	49.3338	882.2362
9F RF	Live	LinStatic		Bottom	5275.9899	-29.5493	49.3338	882.2362
9F RF	FF	LinStatic		Top	59923.6668	722.4048	76.0674	-11971.0116
9F RF	FF	LinStatic		Bottom	65598.7665	722.4048	76.0674	-11971.0116
9F RF	PW	LinStatic		Top	56195.7868	733.2049	43.6637	-12449.0455
9F RF	PW	LinStatic		Bottom	61866.2065	733.2049	43.6637	-12449.0455
9F RF	Earthquake+x	LinStatic		Top	-341.3418	-3561.0058	-46.9667	44983.9479
9F RF	Earthquake+x	LinStatic		Bottom	-341.3418	-3572.8709	-46.9667	45054.5609
9F RF	Earthquake+y	LinStatic		Top	1629.2543	-1170.3879	-5740.8094	-64104.7447
9F RF	Earthquake+y	LinStatic		Bottom	1629.2543	-1170.3879	-5755.2716	-64382.3225
9F RF	TH-X Load Case	LinModHist	Max	Top	927.998	2222.8873	1782.6774	32743.4484
9F RF	TH-X Load Case	LinModHist	Max	Bottom	927.998	2225.5673	1785.4424	32835.0717
9F RF	TH-X Load Case	LinModHist	Min	Top	-681.961	-1865.5705	-1543.2011	-38751.3349
9F RF	TH-X Load Case	LinModHist	Min	Bottom	-681.961	-1871.5283	-1545.6997	-38816.0217
9F RF	TH-Y Load Case	LinModHist	Max	Top	651.65	1398.2589	1561.8173	31973.8434
9F RF	TH-Y Load Case	LinModHist	Max	Bottom	651.65	1398.7502	1565.5795	32018.9531
9F RF	TH-Y Load Case	LinModHist	Min	Top	-865.4215	-1978.1481	-1243.9814	-38224.9288
9F RF	TH-Y Load Case	LinModHist	Min	Bottom	-865.4215	-1979.4616	-1248.2392	-38289.2902
9F RF	UDCon11	Combination		Top	260510.3033	2911.1877	530.5505	-46734.6189
9F RF	UDCon11	Combination		Bottom	284210.659	2911.1877	530.5505	-46734.6189
9F RF	UDCon12	Combination		Top	268373.5664	2866.8637	604.5512	-45411.2645
9F RF	UDCon12	Combination		Bottom	292124.6438	2866.8637	604.5512	-45411.2645
9F RF	UDCon13	Combination	Max	Top	195471.2456	4370.4578	2190.4779	-1610.1169
9F RF	UDCon13	Combination	Max	Bottom	213037.209	4373.1378	2193.2429	-1518.4937
9F RF	UDCon13	Combination	Min	Top	193861.2867	282	-1135.4006	-73104.9003
9F RF	UDCon13	Combination	Min	Bottom	211427.2501	276.0422	-1137.8992	-73169.587
9F RF	UDCon14	Combination	Max	Top	195225.2086	4013.141	1951.0016	4397.7696
9F RF	UDCon14	Combination	Max	Bottom	212791.1721	4019.0988	1953.5002	4462.4564
9F RF	UDCon14	Combination	Min	Top	193615.2497	-75.3168	-1374.8769	-67097.0138
9F RF	UDCon14	Combination	Min	Bottom	211181.2131	-77.9968	-1377.6419	-67188.637
9F RF	UDCon15	Combination	Max	Top	195194.8976	3545.8294	1969.6178	-2379.7219
9F RF	UDCon15	Combination	Max	Bottom	212760.861	3546.3208	1973.38	-2334.6122
9F RF	UDCon15	Combination	Min	Top	193677.8262	169.4224	-836.1809	-72578.4941
9F RF	UDCon15	Combination	Min	Bottom	211243.7896	168.1089	-840.4387	-72642.8555
9F RF	UDCon16	Combination	Max	Top	195408.6691	4125.7186	1651.7819	3871.3635
9F RF	UDCon16	Combination	Max	Bottom	212974.6325	4127.0321	1656.0397	3935.7249
9F RF	UDCon16	Combination	Min	Top	193891.5977	749.3116	-1154.0168	-66327.4087
9F RF	UDCon16	Combination	Min	Bottom	211457.5611	748.8203	-1157.779	-66372.5184
9F RF	UDCon17	Combination	Max	Top	193898.593	4379.3226	2175.6778	-1874.7878

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
9F RF	UDCon17	Combination	Max	Bottom	211454.4121	4382.0026	2178.4427	-1783.1645
9F RF	UDCon17	Combination	Min	Top	192288.634	290.8648	-1150.2008	-73369.5711
9F RF	UDCon17	Combination	Min	Bottom	209844.4531	284.907	-1152.6993	-73434.2579
9F RF	UDCon18	Combination	Max	Top	193652.556	4022.0058	1936.2015	4133.0987
9F RF	UDCon18	Combination	Max	Bottom	211208.3751	4027.9636	1938.7001	4197.7855
9F RF	UDCon18	Combination	Min	Top	192042.597	-66.452	-1389.6771	-67361.6846
9F RF	UDCon18	Combination	Min	Bottom	209598.4161	-69.132	-1392.442	-67453.3079
9F RF	UDCon19	Combination	Max	Top	193622.245	3554.6942	1954.8176	-2644.3928
9F RF	UDCon19	Combination	Max	Bottom	211178.0641	3555.1856	1958.5798	-2599.2831
9F RF	UDCon19	Combination	Min	Top	192105.1735	178.2872	-850.9811	-72843.165
9F RF	UDCon19	Combination	Min	Bottom	209660.9926	176.9737	-855.2389	-72907.5264
9F RF	UDCon20	Combination	Max	Top	193836.0165	4134.5834	1636.9818	3606.6926
9F RF	UDCon20	Combination	Max	Bottom	211391.8356	4135.8969	1641.2396	3671.054
9F RF	UDCon20	Combination	Min	Top	192318.9451	758.1764	-1168.8169	-66592.0796
9F RF	UDCon20	Combination	Min	Bottom	209874.7641	757.6851	-1172.5791	-66637.1893
8F RF	Dead	LinStatic		Top	86773.6793	755.7868	352.1069	-10009.1946
8F RF	Dead	LinStatic		Bottom	92983.979	755.7868	352.1069	-10009.1946
8F RF	Live	LinStatic		Top	5885.758	-22.2066	50.8284	781.8289
8F RF	Live	LinStatic		Bottom	5919.5725	-22.2066	50.8284	781.8289
8F RF	FF	LinStatic		Top	67731.4367	754.6427	148.7483	-11468.5591
8F RF	FF	LinStatic		Bottom	73406.5363	754.6427	148.7483	-11468.5591
8F RF	PW	LinStatic		Top	63548.3567	759.9007	115.4717	-11864.8697
8F RF	PW	LinStatic		Bottom	69218.7764	759.9007	115.4717	-11864.8697
8F RF	Earthquake+x	LinStatic		Top	-520.4387	-3897.6725	-11.1265	51021.0744
8F RF	Earthquake+x	LinStatic		Bottom	-520.4387	-3908.2193	-11.1265	51083.8415
8F RF	Earthquake+y	LinStatic		Top	1769.0552	-1157.3505	-6293.5577	-72971.7611
8F RF	Earthquake+y	LinStatic		Bottom	1769.0552	-1157.3505	-6306.4129	-73218.4969
8F RF	TH-X Load Case	LinModHist	Max	Top	1065.893	2358.7579	1953.4356	37422.1379
8F RF	TH-X Load Case	LinModHist	Max	Bottom	1065.893	2360.4908	1955.7719	37504.0736
8F RF	TH-X Load Case	LinModHist	Min	Top	-758.4325	-2082.9033	-1687.4096	-43530.9728
8F RF	TH-X Load Case	LinModHist	Min	Bottom	-758.4325	-2088.5164	-1689.5047	-43587.8917
8F RF	TH-Y Load Case	LinModHist	Max	Top	753.7868	1447.2042	1688.83	34029.0849
8F RF	TH-Y Load Case	LinModHist	Max	Bottom	753.7868	1451.7264	1691.9765	34117.3795
8F RF	TH-Y Load Case	LinModHist	Min	Top	-942.4251	-1998.0013	-1359.1244	-41522.6728
8F RF	TH-Y Load Case	LinModHist	Min	Bottom	-942.4251	-1997.4929	-1362.7695	-41572.4159
8F RF	UDCon11	Combination		Top	294372.188	3064.9457	832.0412	-45012.5415
8F RF	UDCon11	Combination		Bottom	318072.5438	3064.9457	832.0412	-45012.5415
8F RF	UDCon12	Combination		Top	303200.8251	3031.6358	908.2838	-43839.7981
8F RF	UDCon12	Combination		Bottom	326951.9025	3031.6358	908.2838	-43839.7981
8F RF	UDCon13	Combination	Max	Top	220885.0931	4622.426	2585.0109	4314.0632
8F RF	UDCon13	Combination	Max	Bottom	238451.0565	4624.1589	2587.3473	4395.9989
8F RF	UDCon13	Combination	Min	Top	219060.7675	180.7648	-1055.8343	-76639.0474
8F RF	UDCon13	Combination	Min	Bottom	236626.7309	175.1518	-1057.9294	-76695.9664
8F RF	UDCon14	Combination	Max	Top	220577.6325	4346.5715	2318.9849	10422.8981
8F RF	UDCon14	Combination	Max	Bottom	238143.5959	4352.1845	2321.08	10479.8171

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
8F RF	UDCon14	Combination	Min	Top	218753.307	-95.0897	-1321.8602	-70530.2125
8F RF	UDCon14	Combination	Min	Bottom	236319.2704	-96.8226	-1324.1966	-70612.1482
8F RF	UDCon15	Combination	Max	Top	220572.9869	3710.8723	2320.4053	921.0103
8F RF	UDCon15	Combination	Max	Bottom	238138.9503	3715.3946	2323.5518	1009.3048
8F RF	UDCon15	Combination	Min	Top	218876.7749	265.6668	-727.5491	-74630.7474
8F RF	UDCon15	Combination	Min	Bottom	236442.7384	266.1752	-731.1941	-74680.4905
8F RF	UDCon16	Combination	Max	Top	220761.6251	4261.6695	1990.6998	8414.5981
8F RF	UDCon16	Combination	Max	Bottom	238327.5885	4261.1611	1994.3448	8464.3412
8F RF	UDCon16	Combination	Min	Top	219065.4132	816.464	-1057.2547	-67137.1595
8F RF	UDCon16	Combination	Min	Bottom	236631.3766	811.9417	-1060.4012	-67225.4541
8F RF	UDCon17	Combination	Max	Top	219119.3656	4629.088	2569.7624	4079.5145
8F RF	UDCon17	Combination	Max	Bottom	236675.1847	4630.8209	2572.0988	4161.4503
8F RF	UDCon17	Combination	Min	Top	217295.0401	187.4268	-1071.0828	-76873.5961
8F RF	UDCon17	Combination	Min	Bottom	234850.8592	181.8137	-1073.1779	-76930.515
8F RF	UDCon18	Combination	Max	Top	218811.9051	4353.2334	2303.7364	10188.3495
8F RF	UDCon18	Combination	Max	Bottom	236367.7242	4358.8465	2305.8315	10245.2684
8F RF	UDCon18	Combination	Min	Top	216987.5796	-88.4278	-1337.1088	-70764.7612
8F RF	UDCon18	Combination	Min	Bottom	234543.3987	-90.1607	-1339.4451	-70846.6969
8F RF	UDCon19	Combination	Max	Top	218807.2595	3717.5343	2305.1568	686.4616
8F RF	UDCon19	Combination	Max	Bottom	236363.0785	3722.0565	2308.3033	774.7562
8F RF	UDCon19	Combination	Min	Top	217111.0475	272.3288	-742.7976	-74865.2961
8F RF	UDCon19	Combination	Min	Bottom	234666.8666	272.8372	-746.4426	-74915.0392
8F RF	UDCon20	Combination	Max	Top	218995.8977	4268.3315	1975.4513	8180.0494
8F RF	UDCon20	Combination	Max	Bottom	236551.7168	4267.8231	1979.0963	8229.7926
8F RF	UDCon20	Combination	Min	Top	217299.6858	823.1259	-1072.5032	-67371.7082
8F RF	UDCon20	Combination	Min	Bottom	234855.5049	818.6037	-1075.6497	-67460.0028
7F RF	Dead	LinStatic		Top	96646.5016	779.3371	474.813	-9766.6082
7F RF	Dead	LinStatic		Bottom	102856.8013	779.3371	474.813	-9766.6082
7F RF	Live	LinStatic		Top	6527.3843	-14.7034	53.9854	644.4361
7F RF	Live	LinStatic		Bottom	6561.1988	-14.7034	53.9854	644.4361
7F RF	FF	LinStatic		Top	75499.3613	755.2936	260.2052	-10759.3571
7F RF	FF	LinStatic		Bottom	81174.461	755.2936	260.2052	-10759.3571
7F RF	PW	LinStatic		Top	70862.2142	754.2129	225.0717	-11033.8134
7F RF	PW	LinStatic		Bottom	76532.6339	754.2129	225.0717	-11033.8134
7F RF	Earthquake+x	LinStatic		Top	-691.9553	-4305.0734	43.9177	58897.1004
7F RF	Earthquake+x	LinStatic		Bottom	-691.9553	-4314.3018	43.9177	58952.0216
7F RF	Earthquake+y	LinStatic		Top	1919.8163	-1008.2678	-6836.0037	-84085.1995
7F RF	Earthquake+y	LinStatic		Bottom	1919.8163	-1008.2678	-6847.252	-84301.0933
7F RF	TH-X Load Case	LinModHist	Max	Top	1187.8752	2527.6069	2120.1455	43334.1634
7F RF	TH-X Load Case	LinModHist	Max	Bottom	1187.8752	2528.5277	2122.071	43405.9947
7F RF	TH-X Load Case	LinModHist	Min	Top	-814.8479	-2353.5851	-1827.0295	-49659.135
7F RF	TH-X Load Case	LinModHist	Min	Bottom	-814.8479	-2358.7988	-1828.745	-49708.2817
7F RF	TH-Y Load Case	LinModHist	Max	Top	843.1872	1682.1424	1810.8917	40193.4393
7F RF	TH-Y Load Case	LinModHist	Max	Bottom	843.1872	1689.9176	1813.4568	40271.9808
7F RF	TH-Y Load Case	LinModHist	Min	Top	-1002.2559	-2035.7529	-1477.9419	-45786.2915

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
7F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1002.2559	-2033.7501	-1480.9865	-45822.8054
7F RF	UDCon11	Combination		Top	328060.9041	3089.9389	1296.1213	-42605.7013
7F RF	UDCon11	Combination		Bottom	351761.2598	3089.9389	1296.1213	-42605.7013
7F RF	UDCon12	Combination		Top	337851.9805	3067.8839	1377.0994	-41639.0471
7F RF	UDCon12	Combination		Bottom	361603.058	3067.8839	1377.0994	-41639.0471
7F RF	UDCon13	Combination	Max	Top	246154.1676	4812.0396	3096.431	11967.7155
7F RF	UDCon13	Combination	Max	Bottom	263720.131	4812.9604	3098.3565	12039.5468
7F RF	UDCon13	Combination	Min	Top	244151.4445	-69.1525	-850.744	-81025.5829
7F RF	UDCon13	Combination	Min	Bottom	261717.4079	-74.3661	-852.4596	-81074.7297
7F RF	UDCon14	Combination	Max	Top	245781.1403	4638.0178	2803.3149	18292.6871
7F RF	UDCon14	Combination	Max	Bottom	263347.1037	4643.2314	2805.0305	18341.8338
7F RF	UDCon14	Combination	Min	Top	243778.4172	-243.1743	-1143.86	-74700.6113
7F RF	UDCon14	Combination	Min	Bottom	261344.3806	-244.0951	-1145.7855	-74772.4426
7F RF	UDCon15	Combination	Max	Top	245809.4796	3966.575	2787.1772	8826.9914
7F RF	UDCon15	Combination	Max	Bottom	263375.443	3974.3503	2789.7423	8905.5329
7F RF	UDCon15	Combination	Min	Top	243964.0365	248.6797	-501.6564	-77152.7395
7F RF	UDCon15	Combination	Min	Bottom	261529.9999	250.6826	-504.7011	-77189.2533
7F RF	UDCon16	Combination	Max	Top	245968.5482	4320.1856	2454.2273	14419.8436
7F RF	UDCon16	Combination	Max	Bottom	263534.5117	4318.1827	2457.272	14456.3575
7F RF	UDCon16	Combination	Min	Top	244123.1052	602.2903	-834.6063	-71559.8872
7F RF	UDCon16	Combination	Min	Bottom	261689.0686	594.515	-837.1713	-71638.4287
7F RF	UDCon17	Combination	Max	Top	244195.9523	4816.4506	3080.2353	11774.3846
7F RF	UDCon17	Combination	Max	Bottom	261751.7714	4817.3714	3082.1608	11846.2159
7F RF	UDCon17	Combination	Min	Top	242193.2292	-64.7415	-866.9396	-81218.9138
7F RF	UDCon17	Combination	Min	Bottom	259749.0483	-69.9551	-868.6552	-81268.0605
7F RF	UDCon18	Combination	Max	Top	243822.925	4642.4288	2787.1193	18099.3562
7F RF	UDCon18	Combination	Max	Bottom	261378.7441	4647.6424	2788.8349	18148.5029
7F RF	UDCon18	Combination	Min	Top	241820.2019	-238.7633	-1160.0557	-74893.9422
7F RF	UDCon18	Combination	Min	Bottom	259376.021	-239.684	-1161.9812	-74965.7735
7F RF	UDCon19	Combination	Max	Top	243851.2643	3970.986	2770.9816	8633.6605
7F RF	UDCon19	Combination	Max	Bottom	261407.0834	3978.7613	2773.5466	8712.202
7F RF	UDCon19	Combination	Min	Top	242005.8212	253.0908	-517.852	-77346.0703
7F RF	UDCon19	Combination	Min	Bottom	259561.6403	255.0936	-520.8967	-77382.5842
7F RF	UDCon20	Combination	Max	Top	244010.333	4324.5966	2438.0317	14226.5128
7F RF	UDCon20	Combination	Max	Bottom	261566.152	4322.5937	2441.0764	14263.0266
7F RF	UDCon20	Combination	Min	Top	242164.8899	606.7013	-850.8019	-71753.2181
7F RF	UDCon20	Combination	Min	Bottom	259720.709	598.926	-853.367	-71831.7596
6F RF	Dead	LinStatic		Top	106383.6367	760.6949	656.8638	-10659.5453
6F RF	Dead	LinStatic		Bottom	112593.9364	760.6949	656.8638	-10659.5453
6F RF	Live	LinStatic		Top	7162.2413	-6.2812	59.6433	385.0187
6F RF	Live	LinStatic		Bottom	7196.0557	-6.2812	59.6433	385.0187
6F RF	FF	LinStatic		Top	83161.6396	711.558	424.231	-10708.6713
6F RF	FF	LinStatic		Bottom	88836.7393	711.558	424.231	-10708.6713
6F RF	PW	LinStatic		Top	78074.9307	702.2794	385.7201	-10752.1282
6F RF	PW	LinStatic		Bottom	83745.3504	702.2794	385.7201	-10752.1282

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
6F RF	Earthquake+x	LinStatic		Top	-807.0052	-4844.966	133.9698	70161.0682
6F RF	Earthquake+x	LinStatic		Bottom	-807.0052	-4852.8761	133.9698	70208.1435
6F RF	Earthquake+y	LinStatic		Top	2070.951	-618.7241	-7386.8876	-99406.9068
6F RF	Earthquake+y	LinStatic		Bottom	2070.951	-618.7241	-7396.5291	-99591.9586
6F RF	TH-X Load Case	LinModHist	Max	Top	1283.9996	2770.0175	2289.3189	51522.9169
6F RF	TH-X Load Case	LinModHist	Max	Bottom	1283.9996	2770.2748	2290.8547	51584.2623
6F RF	TH-X Load Case	LinModHist	Min	Top	-846.0369	-2717.1468	-1971.8692	-58378.9547
6F RF	TH-X Load Case	LinModHist	Min	Bottom	-846.0369	-2721.906	-1973.2307	-58420.3687
6F RF	TH-Y Load Case	LinModHist	Max	Top	895.4925	2073.7813	1941.4869	48739.4724
6F RF	TH-Y Load Case	LinModHist	Max	Bottom	895.4925	2081.3785	1943.5423	48807.7076
6F RF	TH-Y Load Case	LinModHist	Min	Top	-1079.5452	-2385.5095	-1612.46	-52157.9536
6F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1079.5452	-2396.4039	-1614.9204	-52182.7713
6F RF	UDCon11	Combination		Top	361287.2794	2935.6187	1980.2001	-43362.4655
6F RF	UDCon11	Combination		Bottom	384987.6352	2935.6187	1980.2001	-43362.4655
6F RF	UDCon12	Combination		Top	372030.6413	2926.1968	2069.665	-42784.9374
6F RF	UDCon12	Combination		Bottom	395781.7188	2926.1968	2069.665	-42784.9374
6F RF	UDCon13	Combination	Max	Top	271052.879	4942.6655	3774.0268	19518.0777
6F RF	UDCon13	Combination	Max	Bottom	288618.8424	4942.9227	3775.5626	19579.4231
6F RF	UDCon13	Combination	Min	Top	268922.8424	-544.4988	-487.1613	-90383.7939
6F RF	UDCon13	Combination	Min	Bottom	286488.8058	-549.258	-488.5228	-90425.2079
6F RF	UDCon14	Combination	Max	Top	270614.9163	4889.7947	3456.577	26374.1155
6F RF	UDCon14	Combination	Max	Bottom	288180.8797	4894.554	3457.9385	26415.5295
6F RF	UDCon14	Combination	Min	Top	268484.8798	-597.3695	-804.611	-83527.7561
6F RF	UDCon14	Combination	Min	Bottom	286050.8432	-597.6268	-806.1469	-83589.1015
6F RF	UDCon15	Combination	Max	Top	270664.3718	4246.4292	3426.1948	16734.6332
6F RF	UDCon15	Combination	Max	Bottom	288230.3353	4254.0265	3428.2502	16802.8684
6F RF	UDCon15	Combination	Min	Top	268689.3342	-212.8615	-127.7521	-84162.7928
6F RF	UDCon15	Combination	Min	Bottom	286255.2976	-223.756	-130.2126	-84187.6105
6F RF	UDCon16	Combination	Max	Top	270848.4246	4558.1575	3097.1679	20153.1144
6F RF	UDCon16	Combination	Max	Bottom	288414.388	4569.0519	3099.6283	20177.9321
6F RF	UDCon16	Combination	Min	Top	268873.3869	98.8667	-456.7791	-80744.3116
6F RF	UDCon16	Combination	Min	Bottom	286439.3503	91.2694	-458.8344	-80812.5468
6F RF	UDCon17	Combination	Max	Top	268904.2066	4944.5499	3756.1338	19402.5721
6F RF	UDCon17	Combination	Max	Bottom	286460.0256	4944.8071	3757.6696	19463.9175
6F RF	UDCon17	Combination	Min	Top	266774.17	-542.6144	-505.0543	-90499.2995
6F RF	UDCon17	Combination	Min	Bottom	284329.9891	-547.3737	-506.4158	-90540.7135
6F RF	UDCon18	Combination	Max	Top	268466.2439	4891.6791	3438.6841	26258.6099
6F RF	UDCon18	Combination	Max	Bottom	286022.063	4896.4383	3440.0456	26300.0239
6F RF	UDCon18	Combination	Min	Top	266336.2074	-595.4852	-822.504	-83643.2617
6F RF	UDCon18	Combination	Min	Bottom	283892.0264	-595.7424	-824.0398	-83704.6071
6F RF	UDCon19	Combination	Max	Top	268515.6995	4248.3136	3408.3018	16619.1276
6F RF	UDCon19	Combination	Max	Bottom	286071.5185	4255.9109	3410.3572	16687.3628
6F RF	UDCon19	Combination	Min	Top	266540.6618	-210.9772	-145.6451	-84278.2984
6F RF	UDCon19	Combination	Min	Bottom	284096.4808	-221.8716	-148.1055	-84303.1161
6F RF	UDCon20	Combination	Max	Top	268699.7522	4560.0419	3079.2749	20037.6088

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
6F RF	UDCon20	Combination	Max	Bottom	286255.5712	4570.9363	3081.7353	20062.4265
6F RF	UDCon20	Combination	Min	Top	266724.7145	100.7511	-474.672	-80859.8172
6F RF	UDCon20	Combination	Min	Bottom	284280.5336	93.1538	-476.7274	-80928.0524
5F RF	Dead	LinStatic		Top	115901.9892	683.9569	975.6348	-14420.5833
5F RF	Dead	LinStatic		Bottom	122112.2889	683.9569	975.6348	-14420.5833
5F RF	Live	LinStatic		Top	7785.2948	4.2047	72.2873	-126.7611
5F RF	Live	LinStatic		Bottom	7819.1093	4.2047	72.2873	-126.7611
5F RF	FF	LinStatic		Top	90656.1438	605.8008	705.1282	-12605.4136
5F RF	FF	LinStatic		Bottom	96331.2435	605.8008	705.1282	-12605.4136
5F RF	PW	LinStatic		Top	85128.107	585.0018	658.608	-12205.2943
5F RF	PW	LinStatic		Bottom	90798.5267	585.0018	658.608	-12205.2943
5F RF	Earthquake+x	LinStatic		Top	-801.5275	-5564.3999	247.726	85743.1242
5F RF	Earthquake+x	LinStatic		Bottom	-801.5275	-5570.9916	247.726	85782.3537
5F RF	Earthquake+y	LinStatic		Top	2190.4876	148.0319	-7953.8754	-121127.1035
5F RF	Earthquake+y	LinStatic		Bottom	2190.4876	148.0319	-7961.91	-121281.3134
5F RF	TH-X Load Case	LinModHist	Max	Top	1336.4168	3165.3611	2454.5335	62871.084
5F RF	TH-X Load Case	LinModHist	Max	Bottom	1336.4168	3167.3519	2455.7084	62921.6721
5F RF	TH-X Load Case	LinModHist	Min	Top	-841.9514	-3204.8801	-2134.8757	-70575.0259
5F RF	TH-X Load Case	LinModHist	Min	Bottom	-841.9514	-3209.134	-2137.0223	-70608.8098
5F RF	TH-Y Load Case	LinModHist	Max	Top	874.2214	2579.4609	2119.8387	60471.5028
5F RF	TH-Y Load Case	LinModHist	Max	Bottom	874.2214	2586.6654	2121.4596	60529.0444
5F RF	TH-Y Load Case	LinModHist	Min	Top	-1111.7004	-2988.8863	-1769.2117	-62591.0577
5F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1111.7004	-2999.6091	-1771.1082	-62629.3226
5F RF	UDCon11	Combination		Top	393776.4239	2530.9254	3158.1508	-52962.2431
5F RF	UDCon11	Combination		Bottom	417476.7796	2530.9254	3158.1508	-52962.2431
5F RF	UDCon12	Combination		Top	405454.3661	2537.2324	3266.5817	-53152.3848
5F RF	UDCon12	Combination		Bottom	429205.4435	2537.2324	3266.5817	-53152.3848
5F RF	UDCon13	Combination	Max	Top	295358.2452	5041.382	4815.5906	23601.7645
5F RF	UDCon13	Combination	Max	Bottom	312924.2086	5043.3729	4816.7655	23652.3526
5F RF	UDCon13	Combination	Min	Top	293179.877	-1328.8592	226.1814	-109844.3454
5F RF	UDCon13	Combination	Min	Bottom	310745.8404	-1333.113	224.0349	-109878.1293
5F RF	UDCon14	Combination	Max	Top	294863.7797	5080.9011	4495.9328	31305.7064
5F RF	UDCon14	Combination	Max	Bottom	312429.7431	5085.155	4498.0794	31339.4902
5F RF	UDCon14	Combination	Min	Top	292685.4115	-1289.3401	-93.4763	-102140.4035
5F RF	UDCon14	Combination	Min	Bottom	310251.3749	-1291.3309	-94.6513	-102190.9916
5F RF	UDCon15	Combination	Max	Top	294896.0498	4455.4819	4480.8958	21202.1833
5F RF	UDCon15	Combination	Max	Bottom	312462.0132	4462.6863	4482.5168	21259.7249
5F RF	UDCon15	Combination	Min	Top	292910.128	-1112.8653	591.8455	-101860.3772
5F RF	UDCon15	Combination	Min	Bottom	310476.0914	-1123.5881	589.9489	-101898.6422
5F RF	UDCon16	Combination	Max	Top	295133.5287	4864.9073	4130.2688	23321.7382
5F RF	UDCon16	Combination	Max	Bottom	312699.4921	4875.6301	4132.1653	23360.0031
5F RF	UDCon16	Combination	Min	Top	293147.607	-703.4399	241.2184	-99740.8223
5F RF	UDCon16	Combination	Min	Bottom	310713.5704	-710.6444	239.5975	-99798.3639
5F RF	UDCon17	Combination	Max	Top	293022.6567	5040.1206	4793.9044	23639.7928
5F RF	UDCon17	Combination	Max	Bottom	310578.4758	5042.1115	4795.0794	23690.3809

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
5F RF	UDCon17	Combination	Min	Top	290844.2885	-1330.1206	204.4952	-109806.3171
5F RF	UDCon17	Combination	Min	Bottom	308400.1076	-1334.3744	202.3487	-109840.1009
5F RF	UDCon18	Combination	Max	Top	292528.1913	5079.6397	4474.2467	31343.7347
5F RF	UDCon18	Combination	Max	Bottom	310084.0104	5083.8936	4476.3932	31377.5186
5F RF	UDCon18	Combination	Min	Top	290349.8231	-1290.6015	-115.1625	-102102.3752
5F RF	UDCon18	Combination	Min	Bottom	307905.6422	-1292.5923	-116.3375	-102152.9633
5F RF	UDCon19	Combination	Max	Top	292560.4613	4454.2205	4459.2096	21240.2116
5F RF	UDCon19	Combination	Max	Bottom	310116.2804	4461.4249	4460.8306	21297.7532
5F RF	UDCon19	Combination	Min	Top	290574.5396	-1114.1267	570.1593	-101822.3489
5F RF	UDCon19	Combination	Min	Bottom	308130.3586	-1124.8495	568.2628	-101860.6138
5F RF	UDCon20	Combination	Max	Top	292797.9403	4863.6459	4108.5826	23359.7665
5F RF	UDCon20	Combination	Max	Bottom	310353.7593	4874.3687	4110.4791	23398.0315
5F RF	UDCon20	Combination	Min	Top	290812.0185	-704.7013	219.5323	-99702.794
5F RF	UDCon20	Combination	Min	Bottom	308367.8376	-711.9058	217.9113	-99760.3356
4F RF	Dead	LinStatic		Top	123890.0047	702.4746	744.0434	-42400.9009
4F RF	Dead	LinStatic		Bottom	130100.3043	702.4746	744.0434	-42400.9009
4F RF	Live	LinStatic		Top	8328.4175	24.2072	59.91	-1938.7867
4F RF	Live	LinStatic		Bottom	8362.232	24.2072	59.91	-1938.7867
4F RF	FF	LinStatic		Top	96929.9253	565.838	541.077	-33878.7583
4F RF	FF	LinStatic		Bottom	102605.025	565.838	541.077	-33878.7583
4F RF	PW	LinStatic		Top	91016.5393	525.3729	503.2991	-32104.9765
4F RF	PW	LinStatic		Bottom	96686.959	525.3729	503.2991	-32104.9765
4F RF	Earthquake+x	LinStatic		Top	-718.2311	-6353.0002	358.2341	101796.698
4F RF	Earthquake+x	LinStatic		Bottom	-718.2311	-6358.2735	358.2341	101828.0816
4F RF	Earthquake+y	LinStatic		Top	2069.0225	1284.781	-8371.6863	-150088.4056
4F RF	Earthquake+y	LinStatic		Bottom	2069.0225	1284.781	-8378.1139	-150211.7735
4F RF	TH-X Load Case	LinModHist	Max	Top	1393.6198	3750.8691	2542.1757	77167.6183
4F RF	TH-X Load Case	LinModHist	Max	Bottom	1393.6198	3752.5393	2543.0339	77207.4642
4F RF	TH-X Load Case	LinModHist	Min	Top	-831.6512	-3752.2933	-2304.8771	-84935.0353
4F RF	TH-X Load Case	LinModHist	Min	Bottom	-831.6512	-3756.0035	-2306.4184	-84961.4512
4F RF	TH-Y Load Case	LinModHist	Max	Top	748.3689	3137.1867	2253.0882	74080.803
4F RF	TH-Y Load Case	LinModHist	Max	Bottom	748.3689	3143.8066	2254.295	74127.6365
4F RF	TH-Y Load Case	LinModHist	Min	Top	-1161.4136	-3619.3863	-1928.1536	-76002.5039
4F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1161.4136	-3629.5376	-1929.5104	-76031.5057
4F RF	UDCon11	Combination		Top	420979.2335	2421.4754	2414.3664	-146319.2581
4F RF	UDCon11	Combination		Bottom	444679.5893	2421.4754	2414.3664	-146319.2581
4F RF	UDCon12	Combination		Top	433471.8598	2457.7862	2504.2314	-149227.4382
4F RF	UDCon12	Combination		Bottom	457222.9372	2457.7862	2504.2314	-149227.4382
4F RF	UDCon13	Combination	Max	Top	315728.6144	5551.8167	4348.5683	-31798.6534
4F RF	UDCon13	Combination	Max	Bottom	333294.5778	5553.4869	4349.4264	-31758.8075
4F RF	UDCon13	Combination	Min	Top	313503.3433	-1951.3457	-498.4845	-193901.3069
4F RF	UDCon13	Combination	Min	Bottom	331069.3067	-1955.0559	-500.0259	-193927.7229
4F RF	UDCon14	Combination	Max	Top	315166.6458	5553.2409	4111.2696	-24031.2364
4F RF	UDCon14	Combination	Max	Bottom	332732.6092	5556.9512	4112.811	-24004.8204
4F RF	UDCon14	Combination	Min	Top	312941.3747	-1949.9214	-735.7832	-186133.8899

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
4F RF	UDCon14	Combination	Min	Bottom	330507.3381	-1951.5917	-736.6413	-186173.7359
4F RF	UDCon15	Combination	Max	Top	315083.3635	4938.1344	4059.4808	-34885.4687
4F RF	UDCon15	Combination	Max	Bottom	332649.3269	4944.7542	4060.6875	-34838.6351
4F RF	UDCon15	Combination	Min	Top	313173.5809	-1818.4387	-121.761	-184968.7755
4F RF	UDCon15	Combination	Min	Bottom	330739.5443	-1828.59	-123.1179	-184997.7773
4F RF	UDCon16	Combination	Max	Top	315496.4082	5420.334	3734.5462	-32963.7678
4F RF	UDCon16	Combination	Max	Bottom	333062.3716	5430.4852	3735.903	-32934.766
4F RF	UDCon16	Combination	Min	Top	313586.6256	-1336.2391	-446.6957	-183047.0746
4F RF	UDCon16	Combination	Min	Bottom	331152.589	-1342.859	-447.9024	-183093.9082
4F RF	UDCon17	Combination	Max	Top	313230.0891	5544.5545	4330.5953	-31217.0174
4F RF	UDCon17	Combination	Max	Bottom	330785.9082	5546.2247	4331.4534	-31177.1714
4F RF	UDCon17	Combination	Min	Top	311004.818	-1958.6078	-516.4575	-193319.6709
4F RF	UDCon17	Combination	Min	Bottom	328560.6371	-1962.3181	-517.9989	-193346.0868
4F RF	UDCon18	Combination	Max	Top	312668.1205	5545.9788	4093.2966	-23449.6003
4F RF	UDCon18	Combination	Max	Bottom	330223.9396	5549.689	4094.838	-23423.1844
4F RF	UDCon18	Combination	Min	Top	310442.8494	-1957.1836	-753.7562	-185552.2539
4F RF	UDCon18	Combination	Min	Bottom	327998.6685	-1958.8538	-754.6143	-185592.0998
4F RF	UDCon19	Combination	Max	Top	312584.8382	4930.8722	4041.5078	-34303.8327
4F RF	UDCon19	Combination	Max	Bottom	330140.6573	4937.4921	4042.7145	-34256.9991
4F RF	UDCon19	Combination	Min	Top	310675.0556	-1825.7009	-139.7341	-184387.1395
4F RF	UDCon19	Combination	Min	Bottom	328230.8747	-1835.8521	-141.0909	-184416.1413
4F RF	UDCon20	Combination	Max	Top	312997.8829	5413.0718	3716.5731	-32382.1318
4F RF	UDCon20	Combination	Max	Bottom	330553.702	5423.223	3717.93	-32353.13
4F RF	UDCon20	Combination	Min	Top	311088.1003	-1343.5013	-464.6687	-182465.4386
4F RF	UDCon20	Combination	Min	Bottom	328643.9194	-1350.1212	-465.8754	-182512.2721
3F RF	Dead	LinStatic		Top	132955.2764	1122.3115	3675.0455	29477.3298
3F RF	Dead	LinStatic		Bottom	139165.5761	1122.3115	3675.0455	29477.3298
3F RF	Live	LinStatic		Top	8913.2328	78.1835	202.4215	1131.1295
3F RF	Live	LinStatic		Bottom	8947.0472	78.1835	202.4215	1131.1295
3F RF	FF	LinStatic		Top	104090.1701	825.9624	2954.668	26422.0806
3F RF	FF	LinStatic		Bottom	109765.2698	825.9624	2954.668	26422.0806
3F RF	PW	LinStatic		Top	97761.6654	739.1972	2820.1066	26279.6526
3F RF	PW	LinStatic		Bottom	103432.0851	739.1972	2820.1066	26279.6526
3F RF	Earthquake+x	LinStatic		Top	374.1446	-7530.768	1638.8246	139308.3276
3F RF	Earthquake+x	LinStatic		Bottom	374.1446	-7534.723	1638.8246	139331.8653
3F RF	Earthquake+y	LinStatic		Top	2780.4979	2520.2842	-8191.4102	-176877.3678
3F RF	Earthquake+y	LinStatic		Bottom	2780.4979	2520.2842	-8196.231	-176969.8938
3F RF	TH-X Load Case	LinModHist	Max	Top	1257.6205	4695.526	2781.7793	95378.9893
3F RF	TH-X Load Case	LinModHist	Max	Bottom	1257.6205	4696.9043	2782.3955	95408.7723
3F RF	TH-X Load Case	LinModHist	Min	Top	-872.094	-4555.9189	-2702.8282	-110805.8042
3F RF	TH-X Load Case	LinModHist	Min	Bottom	-872.094	-4559.0691	-2703.2586	-110825.4632
3F RF	TH-Y Load Case	LinModHist	Max	Top	1209.4054	3811.2924	2648.2458	93796.8103
3F RF	TH-Y Load Case	LinModHist	Max	Bottom	1209.4054	3817.1754	2649.0883	93833.6477
3F RF	TH-Y Load Case	LinModHist	Min	Top	-1168.2487	-4416.7916	-2162.3373	-95793.3202
3F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1168.2487	-4426.0313	-2163.1947	-95813.5923

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
3F RF	UDCon11	Combination		Top	451989.6011	3628.086	12757.2572	110941.7352
3F RF	UDCon11	Combination		Bottom	475689.9569	3628.086	12757.2572	110941.7352
3F RF	UDCon12	Combination		Top	465359.4503	3745.3613	13060.8895	112638.4296
3F RF	UDCon12	Combination		Bottom	489110.5277	3745.3613	13060.8895	112638.4296
3F RF	UDCon13	Combination	Max	Top	338738.7023	7406.4521	12292.3259	177897.3913
3F RF	UDCon13	Combination	Max	Bottom	356304.6657	7407.8305	12292.9421	177927.1743
3F RF	UDCon13	Combination	Min	Top	336608.9877	-1844.9928	6807.7184	-28287.4022
3F RF	UDCon13	Combination	Min	Bottom	354174.9511	-1848.143	6807.288	-28307.0612
3F RF	UDCon14	Combination	Max	Top	338353.1758	7266.8451	12213.3748	193324.2062
3F RF	UDCon14	Combination	Max	Bottom	355919.1392	7269.9952	12213.8052	193343.8652
3F RF	UDCon14	Combination	Min	Top	336223.4612	-1984.5998	6728.7673	-12860.5873
3F RF	UDCon14	Combination	Min	Bottom	353789.4246	-1985.9782	6728.1511	-12890.3703
3F RF	UDCon15	Combination	Max	Top	338690.4872	6522.2186	12158.7924	176315.2123
3F RF	UDCon15	Combination	Max	Bottom	356256.4506	6528.1016	12159.6349	176352.0497
3F RF	UDCon15	Combination	Min	Top	336312.8331	-1705.8655	7348.2093	-13274.9182
3F RF	UDCon15	Combination	Min	Bottom	353878.7965	-1715.1052	7347.3519	-13295.1903
3F RF	UDCon16	Combination	Max	Top	338649.3304	7127.7178	11672.8839	178311.7222
3F RF	UDCon16	Combination	Max	Bottom	356215.2938	7136.9574	11673.7413	178331.9943
3F RF	UDCon16	Combination	Min	Top	336271.6764	-1100.3663	6862.3008	-11278.4083
3F RF	UDCon16	Combination	Min	Bottom	353837.6398	-1106.2493	6861.4583	-11315.2457
3F RF	UDCon17	Combination	Max	Top	336064.7325	7382.9971	12231.5994	177558.0525
3F RF	UDCon17	Combination	Max	Bottom	353620.5516	7384.3754	12232.2156	177587.8355
3F RF	UDCon17	Combination	Min	Top	333935.0179	-1868.4479	6746.992	-28626.741
3F RF	UDCon17	Combination	Min	Bottom	351490.837	-1871.598	6746.5615	-28646.4001
3F RF	UDCon18	Combination	Max	Top	335679.206	7243.39	12152.6483	192984.8673
3F RF	UDCon18	Combination	Max	Bottom	353235.025	7246.5402	12153.0788	193004.5263
3F RF	UDCon18	Combination	Min	Top	333549.4914	-2008.0549	6668.0409	-13199.9262
3F RF	UDCon18	Combination	Min	Bottom	351105.3105	-2009.4332	6667.4247	-13229.7092
3F RF	UDCon19	Combination	Max	Top	336016.5173	6498.7635	12098.0659	175975.8734
3F RF	UDCon19	Combination	Max	Bottom	353572.3364	6504.6465	12098.9085	176012.7109
3F RF	UDCon19	Combination	Min	Top	333638.8633	-1729.3206	7287.4828	-13614.257
3F RF	UDCon19	Combination	Min	Bottom	351194.6824	-1738.5602	7286.6254	-13634.5291
3F RF	UDCon20	Combination	Max	Top	335975.3606	7104.2627	11612.1574	177972.3833
3F RF	UDCon20	Combination	Max	Bottom	353531.1797	7113.5024	11613.0149	177992.6554
3F RF	UDCon20	Combination	Min	Top	333597.7066	-1123.8214	6801.5743	-11617.7472
3F RF	UDCon20	Combination	Min	Bottom	351153.5256	-1129.7044	6800.7318	-11654.5846
2F RF	Dead	LinStatic		Top	136848.9173	2101.465	-10771.8959	-321802.5483
2F RF	Dead	LinStatic		Bottom	144094.2067	2101.465	-10771.8959	-321802.5483
2F RF	Live	LinStatic		Top	9172.2789	167.8958	-586.2909	-17751.0195
2F RF	Live	LinStatic		Bottom	9206.0934	167.8958	-586.2909	-17751.0195
2F RF	FF	LinStatic		Top	107105.5417	1585.3108	-8749.8572	-258786.0847
2F RF	FF	LinStatic		Bottom	113815.631	1585.3108	-8749.8572	-258786.0847
2F RF	PW	LinStatic		Top	100610.2093	1427.8267	-8329.2019	-245656.7187
2F RF	PW	LinStatic		Bottom	107315.6187	1427.8267	-8329.2019	-245656.7187
2F RF	Earthquake+x	LinStatic		Top	2877.2283	-8174.2422	-415.2852	64698.0825

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
2F RF	Earthquake+x	LinStatic		Bottom	2877.2283	-8176.8789	-415.2852	64713.7743
2F RF	Earthquake+y	LinStatic		Top	-432.5234	3301.5488	-11599.6763	-235802.0502
2F RF	Earthquake+y	LinStatic		Bottom	-432.5234	3301.5488	-11602.8901	-235863.7341
2F RF	TH-X Load Case	LinModHist	Max	Top	1889.8109	5354.6963	3775.6471	89105.2772
2F RF	TH-X Load Case	LinModHist	Max	Bottom	1889.8109	5355.8159	3776.205	89126.3445
2F RF	TH-X Load Case	LinModHist	Min	Top	-1872.9952	-4996.9524	-2867.53	-88519.1485
2F RF	TH-X Load Case	LinModHist	Min	Bottom	-1872.9952	-4999.5554	-2868.0764	-88534.0376
2F RF	TH-Y Load Case	LinModHist	Max	Top	2567.944	4002.9123	2971.2627	82382.651
2F RF	TH-Y Load Case	LinModHist	Max	Bottom	2567.944	4007.9956	2971.8602	82411.8236
2F RF	TH-Y Load Case	LinModHist	Min	Top	-1819.6683	-4590.3741	-2509.6474	-80224.688
2F RF	TH-Y Load Case	LinModHist	Min	Bottom	-1819.6683	-4598.5211	-2510.2403	-80218.8145
2F RF	UDCon11	Combination		Top	465162.3022	6904.7133	-37598.7893	-1115431
2F RF	UDCon11	Combination		Bottom	493054.3661	6904.7133	-37598.7893	-1115431
2F RF	UDCon12	Combination		Top	478920.7206	7156.5569	-38478.2257	-1142058
2F RF	UDCon12	Combination		Bottom	506863.5061	7156.5569	-38478.2257	-1142058
2F RF	UDCon13	Combination	Max	Top	349206.1628	10519.6675	-24251.1952	-742465.3803
2F RF	UDCon13	Combination	Max	Bottom	369877.0952	10520.787	-24250.6373	-742444.313
2F RF	UDCon13	Combination	Min	Top	345443.3568	168.0188	-30894.3723	-920089.806
2F RF	UDCon13	Combination	Min	Bottom	366114.2892	165.4157	-30894.9187	-920104.6951
2F RF	UDCon14	Combination	Max	Top	349189.3471	10161.9236	-25159.3123	-743051.5091
2F RF	UDCon14	Combination	Max	Bottom	369860.2795	10164.5266	-25158.7659	-743036.62
2F RF	UDCon14	Combination	Min	Top	345426.5411	-189.7251	-31802.4894	-920675.9348
2F RF	UDCon14	Combination	Min	Bottom	366097.4735	-190.8447	-31803.0474	-920697.0021
2F RF	UDCon15	Combination	Max	Top	349884.2959	9167.8835	-25055.5796	-749188.0065
2F RF	UDCon15	Combination	Max	Bottom	370555.2283	9172.9668	-25054.9821	-749158.8339
2F RF	UDCon15	Combination	Min	Top	345496.6837	574.597	-30536.4897	-911795.3455
2F RF	UDCon15	Combination	Min	Bottom	366167.6161	566.45	-30537.0826	-911789.472
2F RF	UDCon16	Combination	Max	Top	349136.0203	9755.3453	-25517.1949	-751345.9696
2F RF	UDCon16	Combination	Max	Bottom	369806.9527	9763.4923	-25516.602	-751351.843
2F RF	UDCon16	Combination	Min	Top	344748.408	1162.0588	-30998.105	-913953.3085
2F RF	UDCon16	Combination	Min	Bottom	365419.3404	1156.9756	-30998.7025	-913982.4811
2F RF	UDCon17	Combination	Max	Top	346454.4792	10469.2987	-24075.3079	-737140.0744
2F RF	UDCon17	Combination	Max	Bottom	367115.2672	10470.4183	-24074.75	-737119.0072
2F RF	UDCon17	Combination	Min	Top	342691.6731	117.65	-30718.485	-914764.5001
2F RF	UDCon17	Combination	Min	Bottom	363352.4612	115.047	-30719.0314	-914779.3892
2F RF	UDCon18	Combination	Max	Top	346437.6635	10111.5548	-24983.425	-737726.2032
2F RF	UDCon18	Combination	Max	Bottom	367098.4515	10114.1579	-24982.8787	-737711.3141
2F RF	UDCon18	Combination	Min	Top	342674.8574	-240.0939	-31626.6022	-915350.6289
2F RF	UDCon18	Combination	Min	Bottom	363335.6455	-241.2134	-31627.1601	-915371.6962
2F RF	UDCon19	Combination	Max	Top	347132.6123	9117.5148	-24879.6923	-743862.7007
2F RF	UDCon19	Combination	Max	Bottom	367793.4003	9122.598	-24879.0949	-743833.5281
2F RF	UDCon19	Combination	Min	Top	342745	524.2283	-30360.6024	-906470.0397
2F RF	UDCon19	Combination	Min	Bottom	363405.7881	516.0813	-30361.1953	-906464.1662
2F RF	UDCon20	Combination	Max	Top	346384.3366	9704.9766	-25341.3076	-746020.6637
2F RF	UDCon20	Combination	Max	Bottom	367045.1247	9713.1236	-25340.7147	-746026.5372

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
2F RF	UDCon20	Combination	Min	Top	341996.7243	1111.6901	-30822.2177	-908628.0027
2F RF	UDCon20	Combination	Min	Bottom	362657.5124	1106.6068	-30822.8152	-908657.1753
1F RF	Dead	LinStatic		Top	153332.7484	1728.8392	-919.6301	-34856.2767
1F RF	Dead	LinStatic		Bottom	162476.6529	1728.8392	-919.6301	-34856.2767
1F RF	Live	LinStatic		Top	10153.2111	115.5872	-47.6396	-2088.5393
1F RF	Live	LinStatic		Bottom	10187.0255	115.5872	-47.6396	-2088.5393
1F RF	FF	LinStatic		Top	120457.0034	1323.9593	-773.462	-27925.3269
1F RF	FF	LinStatic		Bottom	129065.7079	1323.9593	-773.462	-27925.3269
1F RF	PW	LinStatic		Top	113259.797	1237.3472	-744.9236	-26489.5305
1F RF	PW	LinStatic		Bottom	121863.8215	1237.3472	-744.9236	-26489.5305
1F RF	Earthquake+x	LinStatic		Top	-9033.0162	-2366.9325	-207.5902	18309.701
1F RF	Earthquake+x	LinStatic		Bottom	-9033.0162	-2368.2509	-207.5902	18317.5469
1F RF	Earthquake+y	LinStatic		Top	4520.6672	1065.3519	369.4512	-4446.1378
1F RF	Earthquake+y	LinStatic		Bottom	4520.6672	1065.3519	367.8443	-4476.9798
1F RF	TH-X Load Case	LinModHist	Max	Top	5184.7463	1572.0207	162.619	11518.0407
1F RF	TH-X Load Case	LinModHist	Max	Bottom	5184.7463	1572.7398	162.4461	11534.7952
1F RF	TH-X Load Case	LinModHist	Min	Top	-5496.8869	-1479.6863	-158.5773	-12115.8949
1F RF	TH-X Load Case	LinModHist	Min	Bottom	-5496.8869	-1481.7963	-158.2733	-12123.4548
1F RF	TH-Y Load Case	LinModHist	Max	Top	5159.4722	1244.6099	164.0925	12277.5701
1F RF	TH-Y Load Case	LinModHist	Max	Bottom	5159.4722	1249.0224	164.0929	12330.4991
1F RF	TH-Y Load Case	LinModHist	Min	Top	-5388.165	-1481.894	-165.9533	-9653.8869
1F RF	TH-Y Load Case	LinModHist	Min	Bottom	-5388.165	-1488.9384	-165.5927	-9687.8272
1F RF	UDCon11	Combination		Top	522516.8909	5791.6967	-3291.3211	-120516.0309
1F RF	UDCon11	Combination		Bottom	558098.3461	5791.6967	-3291.3211	-120516.0309
1F RF	UDCon12	Combination		Top	537746.7074	5965.0774	-3362.7804	-123648.8399
1F RF	UDCon12	Combination		Bottom	573378.8843	5965.0774	-3362.7804	-123648.8399
1F RF	UDCon13	Combination	Max	Top	395280.2584	5896.8425	-2289.6885	-78379.6551
1F RF	UDCon13	Combination	Max	Bottom	421647.0362	5897.5616	-2289.8614	-78362.9006
1F RF	UDCon13	Combination	Min	Top	384598.6251	2845.1355	-2610.8847	-102013.5907
1F RF	UDCon13	Combination	Min	Bottom	410965.403	2843.0255	-2610.5808	-102021.1506
1F RF	UDCon14	Combination	Max	Top	395592.399	5804.5082	-2293.7302	-77781.8009
1F RF	UDCon14	Combination	Max	Bottom	421959.1769	5806.6181	-2294.0342	-77774.241
1F RF	UDCon14	Combination	Min	Top	384910.7658	2752.8012	-2614.9265	-101415.7365
1F RF	UDCon14	Combination	Min	Bottom	411277.5436	2752.082	-2614.7536	-101432.491
1F RF	UDCon15	Combination	Max	Top	395254.9842	5569.4317	-2288.2149	-77620.1257
1F RF	UDCon15	Combination	Max	Bottom	421621.7621	5573.8442	-2288.2146	-77567.1967
1F RF	UDCon15	Combination	Min	Top	384707.3471	2842.9279	-2618.2608	-99551.5827
1F RF	UDCon15	Combination	Min	Bottom	411074.1249	2835.8834	-2617.9002	-99585.523
1F RF	UDCon16	Combination	Max	Top	395483.6771	5806.7158	-2286.3541	-80243.8089
1F RF	UDCon16	Combination	Max	Bottom	421850.4549	5813.7602	-2286.7148	-80209.8686
1F RF	UDCon16	Combination	Min	Top	384936.0399	3080.2119	-2616.4	-102175.2659
1F RF	UDCon16	Combination	Min	Bottom	411302.8178	3075.7995	-2616.4004	-102228.1949
1F RF	UDCon17	Combination	Max	Top	392234.2951	5862.1663	-2275.3966	-77753.0933
1F RF	UDCon17	Combination	Max	Bottom	418590.9286	5862.8855	-2275.5695	-77736.3388
1F RF	UDCon17	Combination	Min	Top	381552.6618	2810.4594	-2596.5929	-101387.0289

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
1F RF	UDCon17	Combination	Min	Bottom	407909.2953	2808.3494	-2596.2889	-101394.5888
1F RF	UDCon18	Combination	Max	Top	392546.4357	5769.832	-2279.4384	-77155.2391
1F RF	UDCon18	Combination	Max	Bottom	418903.0692	5771.942	-2279.7423	-77147.6792
1F RF	UDCon18	Combination	Min	Top	381864.8025	2718.125	-2600.6346	-100789.1747
1F RF	UDCon18	Combination	Min	Bottom	408221.436	2717.4059	-2600.4617	-100805.9292
1F RF	UDCon19	Combination	Max	Top	392209.0209	5534.7556	-2273.9231	-76993.5639
1F RF	UDCon19	Combination	Max	Bottom	418565.6544	5539.168	-2273.9227	-76940.6349
1F RF	UDCon19	Combination	Min	Top	381661.3838	2808.2517	-2603.969	-98925.0209
1F RF	UDCon19	Combination	Min	Bottom	408018.0173	2801.2073	-2603.6084	-98958.9612
1F RF	UDCon20	Combination	Max	Top	392437.7138	5772.0396	-2272.0623	-79617.2471
1F RF	UDCon20	Combination	Max	Bottom	418794.3472	5779.0841	-2272.4229	-79583.3068
1F RF	UDCon20	Combination	Min	Top	381890.0766	3045.5358	-2602.1082	-101548.7041
1F RF	UDCon20	Combination	Min	Bottom	408246.7101	3041.1233	-2602.1085	-101601.6331

Table 3.8 - Story Forces (Part 2 of 2)

MX kN-m	MY kN-m
62876.8904	-89970.8256
144041.1186	-213048.5735
9601.0412	-11058.5682
9631.9951	-11707.9988
35611.1977	-55816.7698
110859.4538	-170207.598
28515.6541	-47737.762
103881.2121	-162080.6113
-82.7624	-5399.6516
910.5601	-9666.9409
9647.8272	-5193.8213
11319.9119	-8481.2557
3551.9955	2905.5194
3965.7792	5730.0814
-3577.5462	-3423.5941
-3869.9901	-5645.6424
3485.9636	3480.0793
3534.3883	5450.2904
-3818.8258	-3739.1359
-3913.8908	-6467.5277
171455.0519	-261259.2325
484355.409	-736204.6568
185856.6137	-277847.0847
498803.4017	-753766.655
133436.05	-193937.4084
365637.1622	-543119.1011
126306.5084	-200266.5219
357801.3929	-554494.8249

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

MX kN-m	MY kN-m
133461.6007	-193419.3337
365541.3731	-543203.5401
126332.059	-199748.4472
357705.6038	-554579.2639
133370.0181	-193362.8486
365205.7713	-543398.8921
126065.2287	-200582.0637
357757.4922	-555316.7102
133702.8803	-193103.7919
365585.2738	-542381.6548
126398.0909	-200323.0071
358136.9947	-554299.4728
130555.7376	-190619.838
362747.5637	-539606.7014
123426.196	-196948.9515
354911.7944	-550982.4252
130581.2883	-190101.7633
362651.7746	-539691.1404
123451.7467	-196430.8768
354816.0052	-551066.8642
130489.7058	-190045.2781
362316.1727	-539886.4925
123184.9164	-197264.4933
354867.8936	-551804.3105
130822.5679	-189786.2215
362695.6753	-538869.2551
123517.7785	-197005.4367
355247.3962	-550787.0732
198458.3258	-276081.265
271189.6333	-379655.634
17633.7915	-20385.8962
17705.8163	-21214.1456
144486.6754	-209605.8077
211444.7214	-304127.8314
131557.5683	-195069.8824
198600.4868	-289414.1261
-110.8453	-19964.9888
882.4482	-24639.4784
17779.6183	-1635.6336
22747.7024	-3929.4269
6891.6036	13219.4882
8188.2974	16346.9306
-6561.513	-10675.1482
-7816.3387	-13862.5406
6348.4984	8767.4037

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

MX kN-m	MY kN-m
7222.0591	10945.2746
-6420.6186	-14900.6033
-7674.6555	-18228.8826
640578.4688	-919021.8894
919667.0359	-1313817
667029.1561	-949600.7337
946225.7604	-1345638
486684.3106	-673653.2357
694734.8837	-963214.9046
473231.1939	-697547.8722
678730.2476	-993424.3758
486354.22	-676197.5757
694362.925	-965699.2945
472901.1033	-700092.2122
678358.2889	-995908.7657
486141.2053	-678105.3202
693768.6454	-968616.5606
473372.0884	-701773.3272
678871.9309	-997790.7178
486213.3255	-671972.1207
694221.2418	-961332.9525
473444.2086	-695640.1277
679324.5272	-990507.1097
481394.1731	-667537.4668
689423.1389	-956850.6609
467941.0565	-691432.1033
673418.5027	-987060.1321
481064.0825	-670081.8069
689051.1801	-959335.0508
467610.9659	-693976.4433
673046.544	-989544.522
480851.0679	-671989.5514
688456.9005	-962252.3169
468081.9509	-695657.5583
673560.186	-991426.4741
480923.1881	-665856.3518
688909.4969	-954968.7088
468154.0711	-689524.3588
674012.7823	-984142.866
312125.8734	-421715.6383
384720.4644	-525668.3289
25058.4809	-29265.2864
25130.1374	-30102.3843
234294.2598	-325655.0421
301121.0431	-420491.2708

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

MX kN-m	MY kN-m
215994.5104	-304986.049
282904.6568	-399637.3316
-1908.179	-30721.2057
-1023.7041	-37141.9395
33749.7451	-2450.3592
41794.2262	-5020.3726
11931.555	20695.312
14106.8442	25328.5585
-11776.4372	-17303.0165
-13894.3721	-21501.0398
11312.8723	14515.9627
12925.9318	17401.5525
-12310.2918	-22969.2858
-14473.8801	-27561.9542
1029259.7688	-1420682
1307807.3219	-1816826
1066847.4901	-1464580
1345502.5279	-1861979
781863.7428	-1040441
990392.0498	-1329499
758155.7507	-1078439
962390.8335	-1376329
781708.625	-1043833
990179.5776	-1333327
758000.6328	-1081832
962178.3614	-1380156
781245.0602	-1046620
989211.1374	-1337426
757621.896	-1084106
961811.3255	-1382390
782242.4797	-1038167
990759.0857	-1327266
758619.3155	-1075652
963359.2738	-1372229
774346.1986	-1031661
982853.0085	-1320468
750638.2064	-1069660
954851.7923	-1367298
774191.0807	-1035054
982640.5364	-1324296
750483.0886	-1073052
954639.3202	-1371125
773727.5159	-1037841
981672.0962	-1328395
750104.3518	-1075326

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

MX kN-m	MY kN-m
954272.2843	-1373359
774724.9354	-1029387
983220.0445	-1318235
751101.7712	-1066873
955820.2326	-1363198
428160.6202	-575128.2819
500556.702	-678922.9547
32591.9597	-38351.6961
32660.6672	-39174.5562
325684.8561	-447751.8033
392346.6023	-542467.6357
301934.9072	-420784.629
368680.8884	-515325.0567
-3783.2181	-44825.0972
-3134.5052	-52619.9417
54877.3324	-3627.4291
65831.0806	-6540.8008
18467.4624	30849.4528
21459.5858	36260.507
-18368.1043	-25991.6063
-21294.7087	-30828.5795
17428.1614	21922.9316
19756.2486	25374.9018
-19502.7491	-33551.8209
-22530.3803	-39007.0709
1425303.5176	-1948947
1703138.6601	-2344566
1474191.4572	-2006475
1752129.6609	-2403328
1084025.4337	-1424321
1292841.9787	-1712208
1047189.867	-1481162
1250087.6841	-1779297
1083926.0756	-1429179
1292677.1016	-1717639
1047090.5089	-1486020
1249922.8071	-1784729
1082986.1327	-1433247
1291138.6415	-1723093
1046055.2223	-1488722
1248852.0126	-1787475
1085060.7204	-1421618
1293912.7731	-1709461
1048129.8099	-1477093
1251626.1442	-1773843

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

MX kN-m	MY kN-m
1074247.8458	-1412815
1283043.7785	-1700455
1037412.2791	-1469656
1240289.484	-1767544
1074148.4877	-1417673
1282878.9014	-1705887
1037312.921	-1474514
1240124.6069	-1772976
1073208.5448	-1421742
1281340.4413	-1711341
1036277.6343	-1477217
1239053.8124	-1775723
1075283.1325	-1410113
1284114.5729	-1697709
1038352.222	-1465588
1241827.9441	-1762091
546101.8439	-731964.4575
618352.8984	-835626.9354
40292.438	-47648.2077
40357.0779	-48458.5777
418364.5702	-572385.3293
484903.5617	-667004.4627
389043.1144	-538971.5676
455668.7648	-633423.2976
-5969.9945	-61986.5414
-5484.9393	-71072.2302
80415.6521	-4554.4148
93964.1927	-7813.0967
26280.5408	42694.7806
29978.1968	48646.9903
-26116.1869	-35960.7945
-29741.8283	-41192.057
24549.2121	30815.9416
27488.1444	34716.5607
-27761.4683	-46072.4674
-31535.2647	-52178.0852
1827237.8635	-2488484
2104549.0535	-2883674
1887676.5206	-2559956
2165084.6704	-2956362
1391877.8007	-1814921
1601010.545	-2101945
1339481.0731	-1893577
1541290.5199	-2191784
1391713.4469	-1821655

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

MX kN-m	MY kN-m
1600774.1765	-2109400
1339316.7192	-1900311
1541054.1514	-2199239
1390146.472	-1826800
1598520.4926	-2115876
1337835.7917	-1903688
1539497.0835	-2202770
1393358.7282	-1811543
1602567.6129	-2098414
1341048.0479	-1888432
1543544.2038	-2185309
1379790.0693	-1800627
1588903.4216	-2087408
1327393.3416	-1879282
1529183.3965	-2177247
1379625.7154	-1807361
1588667.0532	-2094863
1327228.9878	-1886016
1528947.028	-2184702
1378058.7406	-1812505
1586413.3693	-2101338
1325748.0603	-1889394
1527389.9601	-2188233
1381270.9968	-1797249
1590460.4895	-2083877
1328960.3165	-1874137
1531437.0804	-2170771
664841.0505	-890441.7685
736983.9354	-993936.9974
48068.7951	-57081.1589
48133.3816	-57875.7809
511531.4361	-698108.3899
577969.808	-792608.4019
476583.368	-658154.165
543108.2677	-752497.1292
-8372.9854	-82353.4675
-8012.4954	-92619.9338
109984.8083	-5220.1253
125898.4905	-8823.7107
35252.9771	55921.0373
39573.4802	62698.3838
-34885.587	-46840.2769
-39124.6191	-52223.492
32550.8726	41099.002
36021.8944	45321.0472

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

MX kN-m	MY kN-m
-36908.5049	-60292.4789
-41329.7867	-66833.7488
2231490.4037	-3033051
2508383.7149	-3427707
2303593.5964	-3118673
2580583.7873	-3514521
1702629.4703	-2207908
1912075.5057	-2493707
1632490.9062	-2310669
1833377.4064	-2608629
1702262.0801	-2216988
1911626.6446	-2504182
1632123.516	-2319750
1832928.5454	-2619104
1699927.3658	-2222730
1908523.9199	-2511084
1630467.9882	-2324121
1831172.2389	-2623239
1704284.9981	-2203536
1913831.8122	-2489572
1634825.6205	-2304928
1836480.1311	-2601726
1688208.8317	-2190783
1897635.4912	-2476344
1618070.2676	-2293545
1818937.3919	-2591266
1687841.4416	-2199864
1897186.6301	-2486819
1617702.8775	-2302625
1818488.5309	-2601741
1685506.7272	-2205605
1894083.9054	-2493721
1616047.3497	-2306997
1816732.2244	-2605876
1689864.3595	-2186412
1899391.7977	-2472209
1620404.982	-2287803
1822040.1167	-2584364
783776.4043	-1049288
855798.7687	-1152590
55876.4195	-66572.9123
55940.8517	-67348.0556
604779.3927	-823995.6703
671102.5203	-918362.5571
564181.3277	-777461.1312

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

MX kN-m	MY kN-m
630591.0122	-871684.2112
-10886.7889	-105746.9304
-10626.958	-117128.2986
143264.5069	-5702.9175
161352.6602	-9608.9977
45261.0343	71588.3669
50137.6739	78900.066
-44543.2214	-58169.7587
-49323.7277	-63485.8195
41300.8798	52534.5328
45239.6633	56986.4531
-46781.6658	-75794.3639
-51763.5782	-82593.4863
2636195.1184	-3578505
2912614.6066	-3972560
2720009.7476	-3678365
2996525.8841	-4073582
2014761.0849	-2599128
2224412.2305	-2883941
1924956.8292	-2728886
2124950.8289	-3026327
2014043.272	-2612547
2223598.2844	-2899356
1924239.0162	-2742305
2124136.8828	-3041742
2010800.9304	-2618182
2219514.22	-2905855
1922718.3848	-2746511
2122510.9784	-3045435
2016281.7163	-2594922
2226038.1349	-2880248
1928199.1708	-2723251
2129034.8934	-3019828
1997998.1591	-2579156
2207629.975	-2863737
1908193.9033	-2708914
2108168.5734	-3006123
1997280.3461	-2592575
2206816.0289	-2879151
1907476.0904	-2722333
2107354.6273	-3021537
1994038.0045	-2598210
2202731.9645	-2885651
1905955.4589	-2726539
2105728.7229	-3025231

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

MX kN-m	MY kN-m
1999518.7905	-2574950
2209255.8794	-2860044
1911436.2449	-2703279
2112252.6379	-2999624
902592.1591	-1207827
974442.1029	-1310919
63686.1331	-76069.4417
63749.2891	-76821.8186
697904.5912	-949571.2053
764064.3414	-1043799
651653.5849	-896452.1934
717900.5399	-990552.3589
-13425.8237	-131880.427
-13261.4401	-144363.5248
179985.2862	-6208.2226
200101.9818	-10304.5802
56191.5214	88697.0597
61576.6011	96481.5874
-54977.3388	-70172.3406
-60244.83	-75725.4399
50689.2135	64806.5965
55050.1738	69441.4202
-57259.4656	-92083.779
-62732.0337	-99009.4646
3040402.9526	-4122698
3316149.4287	-4516115
3135932.1522	-4236802
3411773.3624	-4631348
2327447.6966	-2987974
2537108.3721	-3271835
2216278.8363	-3146843
2415286.9409	-3444042
2326233.514	-3006499
2535776.601	-3292592
2215064.6538	-3165368
2413955.1698	-3464799
2321945.3886	-3011864
2530581.9448	-3298876
2213996.7095	-3168755
2412799.7372	-3467326
2328515.6408	-2984587
2538263.8046	-3269308
2220566.9617	-3141478
2420481.5971	-3437758
2308341.8567	-2965153

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

MX kN-m	MY kN-m
2517983.5853	-3248789
2197172.9964	-3124022
2396162.1542	-3420996
2307127.6741	-2983678
2516651.8142	-3269545
2195958.8138	-3142547
2394830.3831	-3441752
2302839.5487	-2989044
2511457.158	-3275829
2194890.8696	-3145934
2393674.9505	-3444280
2309409.8009	-2961766
2519139.0179	-3246261
2201461.1218	-3118657
2401356.8104	-3414712
1021147.1711	-1365321
1092721.1832	-1468221
71486.8979	-85524.8985
71544.8228	-86251.5758
790821.7234	-1074281
856727.0905	-1168396
738922.4501	-1014604
804918.0774	-1108611
-15763.3233	-160509.9982
-15724.3805	-174169.2541
219835.6644	-6864.2855
241884.3274	-10915.0122
67894.0553	106996.7936
73762.586	115255.3055
-66152.4386	-83979.3027
-72993.3181	-90786.8532
60563.4179	77639.1462
65326.3677	82480.672
-68216.1863	-108683.5379
-74132.283	-115675.7038
3443703.3153	-4663178
3718394.5739	-5056057
3550933.6622	-4791465
3825711.8082	-5185435
2640231.4694	-3372867
2849592.384	-3655848
2506184.9754	-3563843
2702836.4798	-3861890
2638489.8527	-3395884
2848823.1161	-3680316

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

MX kN-m	MY kN-m
2504443.3588	-3586860
2702067.2119	-3886358
2632900.8319	-3402224
2841156.1656	-3688622
2504121.2277	-3588547
2701697.5149	-3886779
2640553.6004	-3371180
2849962.0809	-3655427
2511773.9962	-3557502
2710503.4302	-3853584
2618785.4	-3347209
2828128.9371	-3629972
2484738.9061	-3538185
2681373.0329	-3836014
2617043.7833	-3370227
2827359.6692	-3654441
2482997.2894	-3561203
2680603.765	-3860483
2611454.7626	-3376567
2819692.7188	-3662747
2482675.1584	-3562889
2680234.0681	-3860903
2619107.5311	-3345522
2828498.6341	-3629552
2490327.9268	-3531845
2689039.9834	-3827708
1139186.3981	-1520105
1210330.9388	-1622922
79264.1215	-94851.5087
79310.9968	-95551.9248
883351.6807	-1196786
948866.9486	-1290899
825819.0678	-1130636
891431.095	-1224662
-17368.3746	-191355.5537
-17522.0866	-206438.5374
262466.8413	-7980.4956
286411.4139	-11509.433
80145.7112	126238.5698
86502.1842	135086.7134
-79315.1336	-100587.6325
-86738.82	-108833.783
70677.4143	90720.4688
75855.2345	95924.5785
-79508.1234	-125081.901

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

MX kN-m	MY kN-m
-85850.4768	-132203.7315
3845282.1478	-5194160
4118349.1262	-5586952
3964178.3301	-5336438
4237315.6214	-5730280
2952282.0942	-3749743
3160924.4656	-4032062
2792821.2494	-3976569
2987683.4614	-4275983
2951451.5166	-3775394
3161161.1014	-4058315
2791990.6717	-4002220
2987920.0972	-4302235
2942813.7973	-3785261
3150277.5159	-4071224
2792628.2596	-4001064
2988571.8046	-4299352
2951644.5064	-3750900
3160272.7582	-4034945
2801458.9687	-3966702
2998567.0469	-4263073
2928502.8578	-3721288
3137131.1665	-4003396
2769042.0129	-3948114
2963890.1624	-4247317
2927672.2802	-3746939
3137367.8023	-4029649
2768211.4353	-3973765
2964126.7982	-4273570
2919034.5608	-3756806
3126484.2169	-4042559
2768849.0231	-3972608
2964778.5055	-4270687
2927865.2699	-3722444
3136479.4592	-4006279
2777679.7323	-3938247
2974773.7478	-4234408
1255598.2999	-1668229
1326105.6628	-1771111
86952.7991	-103831.7553
86979.872	-104502.6938
974662.8873	-1313948
1039604.0647	-1408214
911559.8265	-1241561
976609.5842	-1335770

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

MX kN-m	MY kN-m
-17017.0445	-224563.3946
-17485.9389	-241533.8274
307036.0075	-9245.3104
332906.0226	-11410.8446
92435.9986	146484.3703
99320.6078	156179.856
-92683.2189	-119439.1095
-100698.3691	-128956.9759
80466.0587	104071.5815
86113.7284	109972.1219
-90825.7906	-140965.765
-97612.9341	-148440.5294
4241458.3684	-5702046
4512131.0708	-6095378
4371887.5671	-5857794
4642600.8789	-6252132
3260342.852	-4108403
3467733.8811	-4390266
3075223.6345	-4374327
3267714.9042	-4675403
3260590.0723	-4135448
3469111.6425	-4417489
3075470.8548	-4401372
3269092.6656	-4702626
3248372.9121	-4150816
3454527.0017	-4436474
3077081.0628	-4395853
3270800.3392	-4694886
3258732.644	-4113922
3466026.2075	-4398005
3087440.7947	-4358959
3282299.545	-4656418
3234257.0122	-4077254
3441639.9195	-4358915
3049137.7948	-4343177
3241620.9426	-4644052
3234504.2325	-4104299
3443017.6809	-4386138
3049385.0151	-4370222
3242998.704	-4671275
3222287.0724	-4119666
3428433.0401	-4405123
3050995.2231	-4364704
3244706.3776	-4663535
3232646.8043	-4082772

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

MX kN-m	MY kN-m
3439932.2459	-4366654
3061354.955	-4327810
3256205.5834	-4625067
1369768.3429	-1804336
1439160.0072	-1907487
94501.2007	-112161.733
94484.0196	-112795.9709
1064390.3099	-1421509
1128348.3475	-1516145
995824.29	-1343341
1059918.9401	-1437959
-12447.0539	-260743.8106
-13314.0947	-280230.0866
351976.7807	-9902.8672
379828.6017	-9384.7557
103860.716	168083.7432
111336.3228	179008.7952
-105339.8896	-140564.4817
-113932.6954	-151788.5811
88882.3387	118012.4738
95077.7088	125139.5346
-101540.9214	-156314.5994
-108816.6821	-164540.0208
4630476.9728	-6168400
4897026.8479	-6563149
4772228.7738	-6336643
5038752.8772	-6732343
3562194.019	-4434750
3767108.8234	-4716422
3352993.4134	-4743398
3541839.8052	-5047219
3563673.1926	-4462269
3769705.196	-4743642
3354472.587	-4770918
3544436.1778	-5074439
3547215.6417	-4484821
3750850.2094	-4770291
3356792.3816	-4759148
3546955.8185	-5059970
3559874.2244	-4446519
3764589.1827	-4730890
3369450.9643	-4720846
3560694.7918	-5020570
3533843.6588	-4401102
3738763.6176	-4682583

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

MX kN-m	MY kN-m
3324643.0532	-4709750
3513494.5993	-5013380
3535322.8324	-4428621
3741359.9901	-4709803
3326122.2268	-4737269
3516090.9719	-5040600
3518865.2815	-4451173
3722505.0035	-4736452
3328442.0214	-4725500
3518610.6126	-5026132
3531523.8642	-4412871
3736243.9769	-4697052
3341100.604	-4687198
3532349.5859	-4986731
1458636.4374	-1892641
1528838.6716	-1995728
100715.2417	-117954.7928
100741.3809	-118519.0218
1133999.6331	-1490678
1198531.8496	-1585453
1060914.9984	-1408512
1125553.2295	-1503339
-3068.3926	-296906.1584
-4322.2121	-319150.36
394241.5851	-2360.3609
423553.0927	2136.3725
112541.8556	189320.8692
120611.4686	201678.9141
-116549.2767	-163171.1562
-125448.3076	-176310.3047
94568.2667	132715.7323
101319.043	141492.1559
-111375.6254	-168971.3886
-118997.2877	-178229.9169
4932293.943	-6468971
5201447.0635	-6864102
5083366.8056	-6645903
5352559.1348	-7041881
3796307.497	-4637896
4003757.6336	-4918397
3567216.3647	-4990388
3757697.8573	-5296386
3800314.9181	-4664045
4008594.4726	-4943766
3571223.7858	-5016537

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

MX kN-m	MY kN-m
3762534.6964	-5321755
3778333.9081	-4694501
3984465.208	-4978584
3572390.016	-4996188
3764148.8773	-5298306
3795141.2668	-4658245
4002143.4527	-4941846
3589197.3748	-4959932
3781827.122	-5261568
3766092.9245	-4602509
3973535.2193	-4882841
3537001.7922	-4955001
3727475.4431	-5260830
3770100.3456	-4628659
3978372.0584	-4908210
3541009.2133	-4981151
3732312.2822	-5286199
3748119.3356	-4659114
3954242.7938	-4943028
3542175.4435	-4960801
3733926.463	-5262750
3764926.6943	-4622859
3971921.0384	-4906290
3558982.8022	-4924546
3751604.7077	-5226012
1588791.2686	-2029987
1648734.9954	-2131604
108784.1861	-126109.5849
108311.5351	-126484.8967
1237789.9271	-1599745
1293874.5752	-1693610
1158961.6218	-1511920
1215491.0266	-1605999
34469.9226	-351980.7862
28734.0366	-378344.9999
437492.5263	-8288.944
466170.4163	532.0508
119047.9919	219251.0793
127141.238	234278.4069
-120397.4433	-195390.175
-130134.6874	-211341.0891
94509.2916	149850.1664
102078.8869	161259.9732
-118221.3056	-188154.2936
-126407.6028	-199283.2394

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

MX kN-m	MY kN-m
5380482.8036	-6941229
5613435.8062	-7332138
5543659.0827	-7130394
5775903.1089	-7521865
4137226.0652	-4960233
4317735.2958	-5234880
3897780.63	-5374874
4060459.3703	-5680500
4138575.5166	-4984094
4320728.7452	-5257817
3899130.0814	-5398735
4063452.8197	-5703437
4112687.3649	-5029634
4292672.9446	-5307899
3899956.7677	-5367638
4064186.455	-5668442
4136399.3789	-4991330
4317001.6605	-5269875
3923668.7817	-5329334
4088515.1708	-5630419
4104590.8094	-4922400
4285241.8352	-5196935
3865145.3742	-5337041
4027965.9097	-5642554
4105940.2607	-4946261
4288235.2846	-5219872
3866494.8256	-5360902
4030959.3591	-5665491
4080052.109	-4991801
4260179.4841	-5269953
3867321.5118	-5329806
4031692.9944	-5630496
4103764.1231	-4953497
4284508.2	-5231930
3891033.5259	-5291501
4056021.7103	-5592473
1584320.3913	-2087091
1705708.786	-2213019
109826.7738	-129614.4973
112114.6163	-129675.8165
1229983.5247	-1644280
1337914.384	-1763226
1150241.0089	-1554392
1256673.3664	-1673798
52599.2177	-436517.9714

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

MX kN-m	MY kN-m
54052.7158	-465132.1696
484937.2382	36306.2863
525541.4082	47861.707
135069.0423	263874.3447
145106.2988	281095.793
-134141.4792	-248122.3313
-143291.8369	-265615.9597
111129.5394	185849.3858
118188.0238	199514.7481
-139393.4863	-219557.2664
-147849.5901	-232613.8244
5352135.6485	-7135780
5805400.324	-7627558
5516875.8092	-7330201
5973572.2484	-7822071
4132561.9993	-5060773
4479037.22	-5407850
3863351.4778	-5572769
4190639.0843	-5954561
4131634.4361	-5076525
4477222.7581	-5423329
3862423.9147	-5588521
4188824.6224	-5970041
4108622.4964	-5138798
4452118.945	-5489431
3858099.4707	-5544204
4186081.3311	-5921559
4136886.4432	-5105090
4481780.5113	-5456332
3886363.4175	-5510496
4215742.8974	-5888460
4099613.9672	-5021888
4445402.8351	-5368947
3830403.4457	-5533885
4157004.6994	-5915659
4098686.404	-5037640
4443588.3732	-5384427
3829475.8825	-5549637
4155190.2375	-5931138
4075674.4643	-5099913
4418484.5601	-5450528
3825151.4386	-5505320
4152446.9462	-5882656
4103938.4111	-5066205
4448146.1264	-5417429

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

MX kN-m	MY kN-m
3853415.3854	-5471612
4182108.5125	-5849557
1809131.203	-2400004
1923110.3478	-2541056
123104.0198	-147146.5691
123506.5826	-147390.9682
1410533.1001	-1897675
1517620.2566	-2031355
1321087.8371	-1795273
1428048.901	-1929166
-152613.1239	-275323.5284
-151886.558	-283609.9675
643177.2999	-36407.8158
641886.8722	-32679.0843
193599.4144	183485.8361
193064.3885	188343.2185
-251941.6974	-146754.0393
-251415.1819	-151936.4229
164947.6787	125141.4058
164373.3542	128995.4601
-229147.4275	-168076.2985
-228567.1858	-171468.3529
6130015.3893	-8225486
6572852.3323	-8777128
6314671.419	-8446206
6758112.2061	-8998215
4771282.7606	-5953611
5098895.8686	-6357451
4325741.6488	-6283851
4654416.2982	-6697730
4829625.0435	-5990342
5157246.662	-6393858
4384083.9317	-6320582
4712767.0917	-6734137
4742631.0249	-6011955
5070204.8343	-6416798
4348535.9186	-6305173
4677264.2943	-6717262
4806830.7737	-5969020
5134398.666	-6374326
4412735.6675	-6262238
4741458.126	-6674789
4734351.5547	-5909467
5061843.8939	-6313233
4288810.4429	-6239707

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

	MX kN-m	MY kN-m
	4617364.3235	-6653513
	4792693.8376	-5946198
	5120194.6873	-6349640
	4347152.7258	-6276438
	4675715.1169	-6689920
	4705699.819	-5967811
	5033152.8596	-6372581
	4311604.7127	-6261029
	4640212.3195	-6673045
	4769899.5678	-5924876
	5097346.6912	-6330108
	4375804.4615	-6218094
	4704406.1512	-6630572

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	962.2641	4.909	196029.989	250.3995	2.158	116014.916
15	Earthquake+x	LinStatic	Step By Step	1346.0211	5.008	268763.446	283.7981	2.164	131146.044
14	Earthquake+x	LinStatic	Step By Step	1844.2511	5.129	359601.525	252.7071	2.171	116396.003
13	Earthquake+x	LinStatic	Step By Step	2236.1573	5.253	425726.578	185.3465	2.18	0
12F RF	Earthquake+x	LinStatic	Step By Step	2604.2732	5.374	484616.764	138.5872	2.189	0
11F RF	Earthquake+x	LinStatic	Step By Step	2940.9413	5.486	536035.87	102.9971	2.2	0
10F RF	Earthquake+x	LinStatic	Step By Step	3258.7879	5.584	583638.791	74.2374	2.212	0
9F RF	Earthquake+x	LinStatic	Step By Step	3572.8709	5.658	631424.551	46.9667	2.224	0
8F RF	Earthquake+x	LinStatic	Step By Step	3908.2193	5.705	685011.963	11.1265	2.238	0
7F RF	Earthquake+x	LinStatic	Step By Step	4314.3018	5.719	754412.66	43.9177	2.253	0
6F RF	Earthquake+x	LinStatic	Step By Step	4852.8761	5.699	851564.724	133.9698	2.261	0
5F RF	Earthquake+x	LinStatic	Step By Step	5570.9916	5.662	983994.801	247.726	2.259	0
4F RF	Earthquake+x	LinStatic	Step By Step	6358.2735	5.654	1124539.232	358.2341	2.224	0
3F RF	Earthquake+x	LinStatic	Step By Step	7534.723	5.645	1334701.762	1638.8246	2.198	745674.51
2F RF	Earthquake+x	LinStatic	Step By Step	8176.8789	6.545	1249330.607	415.2852	2.132	0
1F RF	Earthquake+x	LinStatic	Step By Step	2368.2509	11.315	209302.529	207.5902	7.596	0
16	Earthquake+y	LinStatic	Step By Step	396.6128	0.54	734002.747	357.7561	5.633	63506.963
15	Earthquake+y	LinStatic	Step By Step	655.3695	0.581	1127738.797	1432.1931	5.696	251459.737
14	Earthquake+y	LinStatic	Step By Step	734.2895	0.614	1195699.361	2310.3143	5.763	400899.344
13	Earthquake+y	LinStatic	Step By Step	832.3919	0.643	1294562.686	3140.6841	5.822	539491.728
12F RF	Earthquake+y	LinStatic	Step By Step	931.052	0.672	1385933.685	3881.204	5.866	661665.664
11F RF	Earthquake+y	LinStatic	Step By Step	1029.5958	0.703	1464942.729	4556.1094	5.89	773538.886
10F RF	Earthquake+y	LinStatic	Step By Step	1116.0229	0.736	1517125.056	5176.5375	5.89	878933.087
9F RF	Earthquake+y	LinStatic	Step By Step	1170.3879	0.768	1522977.32	5755.2716	5.861	982038.364
8F RF	Earthquake+y	LinStatic	Step By Step	1157.3505	0.797	1451646.014	6306.4129	5.798	1087611.492
7F RF	Earthquake+y	LinStatic	Step By Step	1008.2678	0.831	1213805.95	6847.252	5.696	1202152.674
6F RF	Earthquake+y	LinStatic	Step By Step	618.7241	0.887	0	7396.5291	5.541	1334832.415
5F RF	Earthquake+y	LinStatic	Step By Step	148.0319	0.927	0	7961.91	5.306	1500549.763

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
4F RF	Earthquake+y	LinStatic	Step By Step	1284.781	0.908	1414964.434	8378.1139	4.976	1683721.584
3F RF	Earthquake+y	LinStatic	Step By Step	2520.2842	1.051	2397671.324	8196.231	4.709	1740707.237
2F RF	Earthquake+y	LinStatic	Step By Step	3301.5488	1.622	2035478.707	11602.8901	4.412	2629645.002
1F RF	Earthquake+y	LinStatic	Step By Step	1065.3519	6.207	171624.866	367.8443	5.742	64057.343

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	1.193	0.838	5.266	27.7309
Modal	2	0.979	1.022	6.4186	41.199
Modal	3	0.428	2.337	14.6844	215.6314
Modal	4	0.264	3.792	23.8244	567.6008
Modal	5	0.178	5.618	35.3003	1246.1118
Modal	6	0.177	5.656	35.5357	1262.7831
Modal	7	0.176	5.697	35.7926	1281.1071
Modal	8	0.175	5.714	35.904	1289.0986
Modal	9	0.174	5.756	36.1685	1308.1627
Modal	10	0.147	6.79	42.66	1819.8794
Modal	11	0.147	6.793	42.6794	1821.535
Modal	12	0.14	7.142	44.8716	2013.4599

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	1.193	0.5902	0.1062	0	0.5902	0.1062	0	0.0384	0.1188	0.0427
Modal	2	0.979	0.0996	0.5668	0	0.6898	0.673	0	0.2315	0.0362	0.0052
Modal	3	0.428	0.0693	0.001	0	0.7591	0.674	0	1.559E-05	0.0067	0.6171
Modal	4	0.264	0.1298	0.0007	0	0.8889	0.6747	0	0.0009	0.6155	0.0025
Modal	5	0.178	0.0001	0.1656	0	0.889	0.8404	0	0.3884	0.0001	0.0013
Modal	6	0.177	1.3E-06	1.172E-05	0	0.889	0.8404	0	1.74E-05	1.958E-06	0
Modal	7	0.176	2.39E-05	0.002	0	0.889	0.8424	0	0.0039	2.447E-05	2.446E-06
Modal	8	0.175	6.127E-06	0.0002	0	0.889	0.8426	0	0.0004	5.312E-06	2.587E-05
Modal	9	0.174	0	0.0008	0	0.889	0.8434	0	0.0014	1.001E-06	0.0002
Modal	10	0.147	0.0001	0.0001	0	0.8891	0.8435	0	0.0003	0.0003	0.0002
Modal	11	0.147	1.383E-05	0.0001	0	0.8891	0.8436	0	0.0004	0.0001	0
Modal	12	0.14	3.801E-06	0.0005	0	0.8891	0.8441	0	0.0018	3.49E-05	3.263E-05

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

SumRX	SumRY	SumRZ
0.0384	0.1188	0.0427
0.2699	0.155	0.0479
0.2699	0.1617	0.665
0.2708	0.7772	0.6675
0.6592	0.7772	0.6687

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

SumRX	SumRY	SumRZ
0.6593	0.7772	0.6687
0.6632	0.7772	0.6687
0.6635	0.7773	0.6688
0.6649	0.7773	0.669
0.6653	0.7776	0.6692
0.6657	0.7777	0.6692
0.6675	0.7777	0.6692

Table 3.12 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	99.96	88.91
Modal	Acceleration	UY	99.93	84.41
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	1.193	0.777	0.155	0	0.069
Modal	2	0.979	0.147	0.844	0	0.009
Modal	3	0.428	0.085	0.002	0	0.914
Modal	4	0.264	0.991	0.002	0	0.007
Modal	5	0.178	0.003	0.992	0	0.006
Modal	6	0.177	0.003	0.996	0	0.001
Modal	7	0.176	0.002	0.996	0	0.002
Modal	8	0.175	0.006	0.993	0	0.001
Modal	9	0.174	0	0.998	0	0.002
Modal	10	0.147	0.373	0.619	0	0.008
Modal	11	0.147	0.208	0.791	0	0.001
Modal	12	0.14	0.001	0.998	0	0.001