



Summary Report

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

1 Structure Data

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

1.1 Story Data

Table 1.1 - Story Definitions

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

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

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

2.2 Functions

2.2.1 Response Spectrum Functions

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

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

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

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

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

Tc sec	Td sec	Beta	q	Damping Ratio

2.3 Load Cases

Table 2.3 - Load Case Definitions - Summary

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

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Dead	LinStatic		7.322E-06	5.647E-07	92981.2335	1127103.8915	-1458070	-0.0001
Live	LinStatic		1.558E-06	0	10674.9911	130377.9171	-160824.7026	-2.157E-05
FF	LinStatic		1.975E-06	0	57749.2335	696306.7715	-898417.9535	-2.673E-05
PW	LinStatic		1.151E-06	0	50208.2535	601957.5755	-786954.8826	-1.54E-05
Earthquake+x	LinStatic		-3992.845	7.069E-06	0	-0.0002	-152261.0625	50698.5264
Earthquake+y	LinStatic		-1.153E-05	-3992.8448	0	152261.0548	-0.0004	-66137.3792
TH-X Load Case	LinModHist	Max	3054.7595	210.1761	0	12643.4532	98072.4953	23387.9707
TH-X Load Case	LinModHist	Min	-1884.3529	-346.4676	0	-9997.8603	-59468.6466	-34950.4564
TH-Y Load Case	LinModHist	Max	3105.5812	295.8907	0	11375.6109	116269.3068	38298.462
TH-Y Load Case	LinModHist	Min	-3430.2695	-387.2465	0	-10513.5458	-116035.0648	-32709.8563
UDCon11	Combination		1.411E-05	1.668E-06	271267.2727	3274247.1221	-4243647	-0.0002
UDCon12	Combination		1.644E-05	1.76E-06	287279.7593	3469813.9977	-4484884	-0.0002
UDCon13	Combination	Max	3054.7595	210.1761	204141.2179	2477125.0669	-3093617	23387.9706
UDCon13	Combination	Min	-1884.3529	-346.4676	204141.2178	2454483.7534	-3251159	-34950.4566
UDCon14	Combination	Max	1884.3529	346.4676	204141.2179	2474479.4739	-3132221	34950.4563
UDCon14	Combination	Min	-3054.7594	-210.1761	204141.2178	2451838.1605	-3289762	-23387.9709
UDCon15	Combination	Max	3105.5812	295.8907	204141.2179	2475857.2246	-3075421	38298.4618
UDCon15	Combination	Min	-3430.2695	-387.2465	204141.2178	2453968.0679	-3307725	-32709.8564
UDCon16	Combination	Max	3430.2695	387.2465	204141.2179	2474995.1595	-3075655	32709.8561
UDCon16	Combination	Min	-3105.5812	-295.8907	204141.2178	2453106.0028	-3307959	-38298.4621
UDCon17	Combination	Max	3054.7595	210.1761	200938.7205	2438011.6917	-3045370	23387.9706
UDCon17	Combination	Min	-1884.3529	-346.4676	200938.7205	2415370.3783	-3202911	-34950.4566
UDCon18	Combination	Max	1884.3529	346.4676	200938.7205	2435366.0988	-3083974	34950.4563
UDCon18	Combination	Min	-3054.7594	-210.1761	200938.7205	2412724.7854	-3241515	-23387.9709
UDCon19	Combination	Max	3105.5812	295.8907	200938.7205	2436743.8495	-3027173	38298.4618
UDCon19	Combination	Min	-3430.2695	-387.2465	200938.7205	2414854.6928	-3259478	-32709.8564
UDCon20	Combination	Max	3430.2695	387.2465	200938.7205	2435881.7843	-3027407	32709.8561
UDCon20	Combination	Min	-3105.5812	-295.8907	200938.7205	2413992.6277	-3259712	-38298.4621

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

Table 3.2 - Centers Of Mass And Rigidity

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

Table 3.3 - Diaphragm Center Of Mass Displacements

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

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
14	D1	PW	LinStatic		-4.457	2.241	-0.000492	1	15.611	12.0859	49
14	D1	Earthquake+x	LinStatic		297.654	20.594	-0.008016	1	15.611	12.0859	49
14	D1	Earthquake+y	LinStatic		9.574	301.445	-0.004615	1	15.611	12.0859	49
14	D1	TH-X Load Case	LinModHist	Max	114.249	23.791	0.007014	1	15.611	12.0859	49
14	D1	TH-X Load Case	LinModHist	Min	-193.366	-25.183	-0.003909	1	15.611	12.0859	49
14	D1	TH-Y Load Case	LinModHist	Max	219.116	23.358	0.004989	1	15.611	12.0859	49
14	D1	TH-Y Load Case	LinModHist	Min	-211.844	-29.618	-0.008951	1	15.611	12.0859	49
14	D1	UDCon11	Combination		-40.381	15.705	-0.002576	1	15.611	12.0859	49
14	D1	UDCon12	Combination		-45.842	17.645	-0.002669	1	15.611	12.0859	49
14	D1	UDCon13	Combination	Max	83.245	35.813	0.005088	1	15.611	12.0859	49
14	D1	UDCon13	Combination	Min	-224.37	-13.161	-0.005835	1	15.611	12.0859	49
14	D1	UDCon14	Combination	Max	162.362	37.204	0.001982	1	15.611	12.0859	49
14	D1	UDCon14	Combination	Min	-145.253	-11.77	-0.008941	1	15.611	12.0859	49
14	D1	UDCon15	Combination	Max	188.112	35.379	0.003062	1	15.611	12.0859	49
14	D1	UDCon15	Combination	Min	-242.848	-17.597	-0.010877	1	15.611	12.0859	49
14	D1	UDCon16	Combination	Max	180.841	41.64	0.007024	1	15.611	12.0859	49
14	D1	UDCon16	Combination	Min	-250.12	-11.336	-0.006916	1	15.611	12.0859	49
14	D1	UDCon17	Combination	Max	84.337	35.425	0.005106	1	15.611	12.0859	49
14	D1	UDCon17	Combination	Min	-223.277	-13.549	-0.005817	1	15.611	12.0859	49
14	D1	UDCon18	Combination	Max	163.454	36.816	0.002001	1	15.611	12.0859	49
14	D1	UDCon18	Combination	Min	-144.161	-12.158	-0.008922	1	15.611	12.0859	49
14	D1	UDCon19	Combination	Max	189.204	34.991	0.003081	1	15.611	12.0859	49
14	D1	UDCon19	Combination	Min	-241.756	-17.985	-0.010858	1	15.611	12.0859	49
14	D1	UDCon20	Combination	Max	181.933	41.252	0.007043	1	15.611	12.0859	49
14	D1	UDCon20	Combination	Min	-249.027	-11.724	-0.006897	1	15.611	12.0859	49
13	D1	Dead	LinStatic		-16.346	4.523	-0.000886	2	15.611	12.0859	45.5
13	D1	Live	LinStatic		-3.193	1.074	-6.5E-05	2	15.611	12.0859	45.5
13	D1	FF	LinStatic		-5.2	2.479	-0.00053	2	15.611	12.0859	45.5
13	D1	PW	LinStatic		-3.497	1.472	-0.000496	2	15.611	12.0859	45.5
13	D1	Earthquake+x	LinStatic		288.388	20.377	-0.007863	2	15.611	12.0859	45.5
13	D1	Earthquake+y	LinStatic		9.825	291.279	-0.004649	2	15.611	12.0859	45.5
13	D1	TH-X Load Case	LinModHist	Max	111.547	23.12	0.006903	2	15.611	12.0859	45.5
13	D1	TH-X Load Case	LinModHist	Min	-188.316	-25.282	-0.003814	2	15.611	12.0859	45.5
13	D1	TH-Y Load Case	LinModHist	Max	212.584	22.549	0.004952	2	15.611	12.0859	45.5
13	D1	TH-Y Load Case	LinModHist	Min	-204.984	-28.841	-0.008767	2	15.611	12.0859	45.5
13	D1	UDCon11	Combination		-33.808	11.44	-0.002581	2	15.611	12.0859	45.5
13	D1	UDCon12	Combination		-38.598	13.051	-0.002678	2	15.611	12.0859	45.5
13	D1	UDCon13	Combination	Max	85.546	31.917	0.004971	2	15.611	12.0859	45.5
13	D1	UDCon13	Combination	Min	-214.317	-16.486	-0.005745	2	15.611	12.0859	45.5
13	D1	UDCon14	Combination	Max	162.314	34.078	0.001882	2	15.611	12.0859	45.5
13	D1	UDCon14	Combination	Min	-137.548	-14.324	-0.008834	2	15.611	12.0859	45.5
13	D1	UDCon15	Combination	Max	186.583	31.345	0.00302	2	15.611	12.0859	45.5
13	D1	UDCon15	Combination	Min	-230.985	-20.045	-0.010699	2	15.611	12.0859	45.5
13	D1	UDCon16	Combination	Max	178.982	37.637	0.006836	2	15.611	12.0859	45.5
13	D1	UDCon16	Combination	Min	-238.586	-13.753	-0.006883	2	15.611	12.0859	45.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
13	D1	UDCon17	Combination	Max	86.504	31.594	0.00499	2	15.611	12.0859	45.5
13	D1	UDCon17	Combination	Min	-213.359	-16.808	-0.005726	2	15.611	12.0859	45.5
13	D1	UDCon18	Combination	Max	163.272	33.756	0.001902	2	15.611	12.0859	45.5
13	D1	UDCon18	Combination	Min	-136.59	-14.647	-0.008815	2	15.611	12.0859	45.5
13	D1	UDCon19	Combination	Max	187.541	31.023	0.00304	2	15.611	12.0859	45.5
13	D1	UDCon19	Combination	Min	-230.027	-20.367	-0.01068	2	15.611	12.0859	45.5
13	D1	UDCon20	Combination	Max	179.94	37.315	0.006855	2	15.611	12.0859	45.5
13	D1	UDCon20	Combination	Min	-237.628	-14.075	-0.006864	2	15.611	12.0859	45.5
12F RF	D1	Dead	LinStatic		-13.731	3.147	-0.000876	3	15.611	12.0859	42
12F RF	D1	Live	LinStatic		-2.755	0.864	-6.6E-05	3	15.611	12.0859	42
12F RF	D1	FF	LinStatic		-4.019	1.576	-0.000535	3	15.611	12.0859	42
12F RF	D1	PW	LinStatic		-2.571	0.743	-0.000498	3	15.611	12.0859	42
12F RF	D1	Earthquake+x	LinStatic		278.622	20.145	-0.007704	3	15.611	12.0859	42
12F RF	D1	Earthquake+y	LinStatic		10.052	280.899	-0.004688	3	15.611	12.0859	42
12F RF	D1	TH-X Load Case	LinModHist	Max	108.67	22.486	0.006824	3	15.611	12.0859	42
12F RF	D1	TH-X Load Case	LinModHist	Min	-182.976	-25.388	-0.003741	3	15.611	12.0859	42
12F RF	D1	TH-Y Load Case	LinModHist	Max	205.684	21.722	0.004913	3	15.611	12.0859	42
12F RF	D1	TH-Y Load Case	LinModHist	Min	-197.74	-28.053	-0.008579	3	15.611	12.0859	42
12F RF	D1	UDCon11	Combination		-27.434	7.379	-0.002576	3	15.611	12.0859	42
12F RF	D1	UDCon12	Combination		-31.567	8.675	-0.002676	3	15.611	12.0859	42
12F RF	D1	UDCon13	Combination	Max	87.521	28.212	0.004895	3	15.611	12.0859	42
12F RF	D1	UDCon13	Combination	Min	-204.124	-19.662	-0.005669	3	15.611	12.0859	42
12F RF	D1	UDCon14	Combination	Max	161.828	31.113	0.001813	3	15.611	12.0859	42
12F RF	D1	UDCon14	Combination	Min	-129.818	-16.761	-0.008752	3	15.611	12.0859	42
12F RF	D1	UDCon15	Combination	Max	184.536	27.447	0.002985	3	15.611	12.0859	42
12F RF	D1	UDCon15	Combination	Min	-218.888	-22.328	-0.010507	3	15.611	12.0859	42
12F RF	D1	UDCon16	Combination	Max	176.592	33.778	0.006651	3	15.611	12.0859	42
12F RF	D1	UDCon16	Combination	Min	-226.832	-15.997	-0.006841	3	15.611	12.0859	42
12F RF	D1	UDCon17	Combination	Max	88.348	27.953	0.004915	3	15.611	12.0859	42
12F RF	D1	UDCon17	Combination	Min	-203.298	-19.921	-0.005649	3	15.611	12.0859	42
12F RF	D1	UDCon18	Combination	Max	162.655	30.854	0.001833	3	15.611	12.0859	42
12F RF	D1	UDCon18	Combination	Min	-128.991	-17.02	-0.008732	3	15.611	12.0859	42
12F RF	D1	UDCon19	Combination	Max	185.363	27.188	0.003005	3	15.611	12.0859	42
12F RF	D1	UDCon19	Combination	Min	-218.062	-22.587	-0.010487	3	15.611	12.0859	42
12F RF	D1	UDCon20	Combination	Max	177.419	33.519	0.006671	3	15.611	12.0859	42
12F RF	D1	UDCon20	Combination	Min	-226.006	-16.256	-0.006821	3	15.611	12.0859	42
11F RF	D1	Dead	LinStatic		-11.22	1.854	-0.000861	4	15.611	12.0859	38.5
11F RF	D1	Live	LinStatic		-2.333	0.663	-6.8E-05	4	15.611	12.0859	38.5
11F RF	D1	FF	LinStatic		-2.898	0.731	-0.000535	4	15.611	12.0859	38.5
11F RF	D1	PW	LinStatic		-1.694	0.064	-0.000496	4	15.611	12.0859	38.5
11F RF	D1	Earthquake+x	LinStatic		268.345	19.902	-0.007539	4	15.611	12.0859	38.5
11F RF	D1	Earthquake+y	LinStatic		10.249	270.313	-0.00473	4	15.611	12.0859	38.5
11F RF	D1	TH-X Load Case	LinModHist	Max	105.597	21.928	0.006741	4	15.611	12.0859	38.5
11F RF	D1	TH-X Load Case	LinModHist	Min	-177.325	-25.496	-0.003693	4	15.611	12.0859	38.5
11F RF	D1	TH-Y Load Case	LinModHist	Max	198.399	20.961	0.004872	4	15.611	12.0859	38.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
11F RF	D1	TH-Y Load Case	LinModHist	Min	-190.099	-27.258	-0.008386	4	15.611	12.0859	38.5
11F RF	D1	UDCon11	Combination		-21.346	3.578	-0.002555	4	15.611	12.0859	38.5
11F RF	D1	UDCon12	Combination		-24.845	4.573	-0.002657	4	15.611	12.0859	38.5
11F RF	D1	UDCon13	Combination	Max	89.085	24.777	0.004828	4	15.611	12.0859	38.5
11F RF	D1	UDCon13	Combination	Min	-193.837	-22.647	-0.005606	4	15.611	12.0859	38.5
11F RF	D1	UDCon14	Combination	Max	160.813	28.346	0.00178	4	15.611	12.0859	38.5
11F RF	D1	UDCon14	Combination	Min	-122.109	-19.079	-0.008654	4	15.611	12.0859	38.5
11F RF	D1	UDCon15	Combination	Max	181.887	23.81	0.002959	4	15.611	12.0859	38.5
11F RF	D1	UDCon15	Combination	Min	-206.611	-24.409	-0.010299	4	15.611	12.0859	38.5
11F RF	D1	UDCon16	Combination	Max	173.587	30.107	0.006473	4	15.611	12.0859	38.5
11F RF	D1	UDCon16	Combination	Min	-214.911	-18.112	-0.006785	4	15.611	12.0859	38.5
11F RF	D1	UDCon17	Combination	Max	89.785	24.578	0.004849	4	15.611	12.0859	38.5
11F RF	D1	UDCon17	Combination	Min	-193.137	-22.846	-0.005585	4	15.611	12.0859	38.5
11F RF	D1	UDCon18	Combination	Max	161.513	28.147	0.0018	4	15.611	12.0859	38.5
11F RF	D1	UDCon18	Combination	Min	-121.409	-19.278	-0.008634	4	15.611	12.0859	38.5
11F RF	D1	UDCon19	Combination	Max	182.586	23.611	0.00298	4	15.611	12.0859	38.5
11F RF	D1	UDCon19	Combination	Min	-205.911	-24.608	-0.010279	4	15.611	12.0859	38.5
11F RF	D1	UDCon20	Combination	Max	174.287	29.908	0.006494	4	15.611	12.0859	38.5
11F RF	D1	UDCon20	Combination	Min	-214.211	-18.311	-0.006765	4	15.611	12.0859	38.5
10F RF	D1	Dead	LinStatic		-8.844	0.669	-0.000841	5	15.611	12.0859	35
10F RF	D1	Live	LinStatic		-1.929	0.477	-6.8E-05	5	15.611	12.0859	35
10F RF	D1	FF	LinStatic		-1.852	-0.039	-0.000531	5	15.611	12.0859	35
10F RF	D1	PW	LinStatic		-0.88	-0.55	-0.00049	5	15.611	12.0859	35
10F RF	D1	Earthquake+x	LinStatic		257.575	19.65	-0.007368	5	15.611	12.0859	35
10F RF	D1	Earthquake+y	LinStatic		10.414	259.556	-0.004777	5	15.611	12.0859	35
10F RF	D1	TH-X Load Case	LinModHist	Max	102.32	21.596	0.006656	5	15.611	12.0859	35
10F RF	D1	TH-X Load Case	LinModHist	Min	-171.352	-25.605	-0.003662	5	15.611	12.0859	35
10F RF	D1	TH-Y Load Case	LinModHist	Max	190.732	20.2	0.004829	5	15.611	12.0859	35
10F RF	D1	TH-Y Load Case	LinModHist	Min	-182.068	-26.472	-0.008189	5	15.611	12.0859	35
10F RF	D1	UDCon11	Combination		-15.628	0.107	-0.002515	5	15.611	12.0859	35
10F RF	D1	UDCon12	Combination		-18.522	0.822	-0.002617	5	15.611	12.0859	35
10F RF	D1	UDCon13	Combination	Max	90.164	21.818	0.004772	5	15.611	12.0859	35
10F RF	D1	UDCon13	Combination	Min	-183.507	-25.382	-0.005545	5	15.611	12.0859	35
10F RF	D1	UDCon14	Combination	Max	159.196	25.827	0.001779	5	15.611	12.0859	35
10F RF	D1	UDCon14	Combination	Min	-114.475	-21.373	-0.008539	5	15.611	12.0859	35
10F RF	D1	UDCon15	Combination	Max	178.577	20.422	0.002946	5	15.611	12.0859	35
10F RF	D1	UDCon15	Combination	Min	-194.224	-26.25	-0.010072	5	15.611	12.0859	35
10F RF	D1	UDCon16	Combination	Max	169.913	26.694	0.006305	5	15.611	12.0859	35
10F RF	D1	UDCon16	Combination	Min	-202.888	-19.978	-0.006713	5	15.611	12.0859	35
10F RF	D1	UDCon17	Combination	Max	90.743	21.675	0.004793	5	15.611	12.0859	35
10F RF	D1	UDCon17	Combination	Min	-182.928	-25.525	-0.005525	5	15.611	12.0859	35
10F RF	D1	UDCon18	Combination	Max	159.775	25.684	0.001799	5	15.611	12.0859	35
10F RF	D1	UDCon18	Combination	Min	-113.896	-21.516	-0.008518	5	15.611	12.0859	35
10F RF	D1	UDCon19	Combination	Max	179.156	20.279	0.002967	5	15.611	12.0859	35
10F RF	D1	UDCon19	Combination	Min	-193.645	-26.393	-0.010051	5	15.611	12.0859	35

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
10F RF	D1	UDCon20	Combination	Max	170.492	26.551	0.006326	5	15.611	12.0859	35
10F RF	D1	UDCon20	Combination	Min	-202.309	-20.12	-0.006692	5	15.611	12.0859	35
9F RF	D1	Dead	LinStatic		-6.633	-0.386	-0.000814	6	15.611	12.0859	31.5
9F RF	D1	Live	LinStatic		-1.549	0.306	-6.8E-05	6	15.611	12.0859	31.5
9F RF	D1	FF	LinStatic		-0.899	-0.72	-0.000522	6	15.611	12.0859	31.5
9F RF	D1	PW	LinStatic		-0.145	-1.088	-0.00048	6	15.611	12.0859	31.5
9F RF	D1	Earthquake+x	LinStatic		246.36	19.391	-0.00719	6	15.611	12.0859	31.5
9F RF	D1	Earthquake+y	LinStatic		10.542	248.675	-0.004827	6	15.611	12.0859	31.5
9F RF	D1	TH-X Load Case	LinModHist	Max	98.838	21.514	0.006566	6	15.611	12.0859	31.5
9F RF	D1	TH-X Load Case	LinModHist	Min	-165.062	-25.708	-0.003643	6	15.611	12.0859	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Max	182.715	19.432	0.004784	6	15.611	12.0859	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Min	-173.981	-25.899	-0.007987	6	15.611	12.0859	31.5
9F RF	D1	UDCon11	Combination		-10.364	-2.961	-0.002451	6	15.611	12.0859	31.5
9F RF	D1	UDCon12	Combination		-12.687	-2.502	-0.002553	6	15.611	12.0859	31.5
9F RF	D1	UDCon13	Combination	Max	90.697	19.412	0.00473	6	15.611	12.0859	31.5
9F RF	D1	UDCon13	Combination	Min	-173.204	-27.809	-0.005479	6	15.611	12.0859	31.5
9F RF	D1	UDCon14	Combination	Max	156.92	23.607	0.001807	6	15.611	12.0859	31.5
9F RF	D1	UDCon14	Combination	Min	-106.98	-23.615	-0.008402	6	15.611	12.0859	31.5
9F RF	D1	UDCon15	Combination	Max	174.574	17.33	0.002948	6	15.611	12.0859	31.5
9F RF	D1	UDCon15	Combination	Min	-182.123	-28	-0.009823	6	15.611	12.0859	31.5
9F RF	D1	UDCon16	Combination	Max	165.839	23.798	0.006151	6	15.611	12.0859	31.5
9F RF	D1	UDCon16	Combination	Min	-190.857	-21.533	-0.00662	6	15.611	12.0859	31.5
9F RF	D1	UDCon17	Combination	Max	91.161	19.321	0.00475	6	15.611	12.0859	31.5
9F RF	D1	UDCon17	Combination	Min	-172.739	-27.901	-0.005458	6	15.611	12.0859	31.5
9F RF	D1	UDCon18	Combination	Max	157.385	23.515	0.001827	6	15.611	12.0859	31.5
9F RF	D1	UDCon18	Combination	Min	-106.516	-23.707	-0.008381	6	15.611	12.0859	31.5
9F RF	D1	UDCon19	Combination	Max	175.038	17.238	0.002968	6	15.611	12.0859	31.5
9F RF	D1	UDCon19	Combination	Min	-181.659	-28.092	-0.009802	6	15.611	12.0859	31.5
9F RF	D1	UDCon20	Combination	Max	166.304	23.706	0.006171	6	15.611	12.0859	31.5
9F RF	D1	UDCon20	Combination	Min	-190.393	-21.625	-0.006599	6	15.611	12.0859	31.5
8F RF	D1	Dead	LinStatic		-4.62	-1.284	-0.000778	7	15.611	12.0859	28
8F RF	D1	Live	LinStatic		-1.196	0.155	-6.7E-05	7	15.611	12.0859	28
8F RF	D1	FF	LinStatic		-0.058	-1.291	-0.000506	7	15.611	12.0859	28
8F RF	D1	PW	LinStatic		0.497	-1.531	-0.000463	7	15.611	12.0859	28
8F RF	D1	Earthquake+x	LinStatic		234.779	19.128	-0.007007	7	15.611	12.0859	28
8F RF	D1	Earthquake+y	LinStatic		10.629	237.749	-0.004879	7	15.611	12.0859	28
8F RF	D1	TH-X Load Case	LinModHist	Max	95.167	21.424	0.006472	7	15.611	12.0859	28
8F RF	D1	TH-X Load Case	LinModHist	Min	-158.478	-25.802	-0.003625	7	15.611	12.0859	28
8F RF	D1	TH-Y Load Case	LinModHist	Max	174.652	18.663	0.004736	7	15.611	12.0859	28
8F RF	D1	TH-Y Load Case	LinModHist	Min	-166.913	-25.38	-0.007781	7	15.611	12.0859	28
8F RF	D1	UDCon11	Combination		-5.645	-5.543	-0.002358	7	15.611	12.0859	28
8F RF	D1	UDCon12	Combination		-7.439	-5.311	-0.002459	7	15.611	12.0859	28
8F RF	D1	UDCon13	Combination	Max	90.627	17.364	0.004705	7	15.611	12.0859	28
8F RF	D1	UDCon13	Combination	Min	-163.018	-29.862	-0.005392	7	15.611	12.0859	28
8F RF	D1	UDCon14	Combination	Max	153.938	21.742	0.001858	7	15.611	12.0859	28

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
8F RF	D1	UDCon14	Combination	Min	-99.707	-25.483	-0.008239	7	15.611	12.0859	28
8F RF	D1	UDCon15	Combination	Max	170.111	14.603	0.002969	7	15.611	12.0859	28
8F RF	D1	UDCon15	Combination	Min	-171.453	-29.44	-0.009548	7	15.611	12.0859	28
8F RF	D1	UDCon16	Combination	Max	162.373	21.32	0.006014	7	15.611	12.0859	28
8F RF	D1	UDCon16	Combination	Min	-179.192	-22.723	-0.006503	7	15.611	12.0859	28
8F RF	D1	UDCon17	Combination	Max	90.985	17.317	0.004725	7	15.611	12.0859	28
8F RF	D1	UDCon17	Combination	Min	-162.659	-29.908	-0.005372	7	15.611	12.0859	28
8F RF	D1	UDCon18	Combination	Max	154.297	21.696	0.001878	7	15.611	12.0859	28
8F RF	D1	UDCon18	Combination	Min	-99.348	-25.53	-0.008219	7	15.611	12.0859	28
8F RF	D1	UDCon19	Combination	Max	170.47	14.557	0.002989	7	15.611	12.0859	28
8F RF	D1	UDCon19	Combination	Min	-171.094	-29.486	-0.009528	7	15.611	12.0859	28
8F RF	D1	UDCon20	Combination	Max	162.732	21.274	0.006034	7	15.611	12.0859	28
8F RF	D1	UDCon20	Combination	Min	-178.833	-22.769	-0.006483	7	15.611	12.0859	28
7F RF	D1	Dead	LinStatic		-2.838	-1.997	-0.000731	8	15.611	12.0859	24.5
7F RF	D1	Live	LinStatic		-0.876	0.026	-6.4E-05	8	15.611	12.0859	24.5
7F RF	D1	FF	LinStatic		0.651	-1.734	-0.000482	8	15.611	12.0859	24.5
7F RF	D1	PW	LinStatic		1.027	-1.862	-0.00044	8	15.611	12.0859	24.5
7F RF	D1	Earthquake+x	LinStatic		222.934	18.869	-0.006818	8	15.611	12.0859	24.5
7F RF	D1	Earthquake+y	LinStatic		10.673	226.858	-0.004933	8	15.611	12.0859	24.5
7F RF	D1	TH-X Load Case	LinModHist	Max	91.33	21.318	0.006375	8	15.611	12.0859	24.5
7F RF	D1	TH-X Load Case	LinModHist	Min	-151.639	-25.883	-0.003604	8	15.611	12.0859	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Max	167.248	17.9	0.004684	8	15.611	12.0859	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Min	-159.574	-25.051	-0.007574	8	15.611	12.0859	24.5
7F RF	D1	UDCon11	Combination		-1.567	-7.55	-0.002232	8	15.611	12.0859	24.5
7F RF	D1	UDCon12	Combination		-2.881	-7.511	-0.002328	8	15.611	12.0859	24.5
7F RF	D1	UDCon13	Combination	Max	89.906	15.734	0.004703	8	15.611	12.0859	24.5
7F RF	D1	UDCon13	Combination	Min	-153.063	-31.468	-0.005276	8	15.611	12.0859	24.5
7F RF	D1	UDCon14	Combination	Max	150.215	20.298	0.001931	8	15.611	12.0859	24.5
7F RF	D1	UDCon14	Combination	Min	-92.753	-26.903	-0.008047	8	15.611	12.0859	24.5
7F RF	D1	UDCon15	Combination	Max	165.824	12.315	0.003012	8	15.611	12.0859	24.5
7F RF	D1	UDCon15	Combination	Min	-160.998	-30.636	-0.009246	8	15.611	12.0859	24.5
7F RF	D1	UDCon16	Combination	Max	158.151	19.466	0.005902	8	15.611	12.0859	24.5
7F RF	D1	UDCon16	Combination	Min	-168.671	-23.485	-0.006357	8	15.611	12.0859	24.5
7F RF	D1	UDCon17	Combination	Max	90.169	15.726	0.004722	8	15.611	12.0859	24.5
7F RF	D1	UDCon17	Combination	Min	-152.8	-31.476	-0.005257	8	15.611	12.0859	24.5
7F RF	D1	UDCon18	Combination	Max	150.478	20.291	0.001951	8	15.611	12.0859	24.5
7F RF	D1	UDCon18	Combination	Min	-92.491	-26.911	-0.008028	8	15.611	12.0859	24.5
7F RF	D1	UDCon19	Combination	Max	166.087	12.307	0.003031	8	15.611	12.0859	24.5
7F RF	D1	UDCon19	Combination	Min	-160.735	-30.643	-0.009227	8	15.611	12.0859	24.5
7F RF	D1	UDCon20	Combination	Max	158.414	19.458	0.005921	8	15.611	12.0859	24.5
7F RF	D1	UDCon20	Combination	Min	-168.408	-23.492	-0.006337	8	15.611	12.0859	24.5
6F RF	D1	Dead	LinStatic		-1.326	-2.489	-0.000673	9	15.611	12.0859	21
6F RF	D1	Live	LinStatic		-0.594	-0.076	-6E-05	9	15.611	12.0859	21
6F RF	D1	FF	LinStatic		1.205	-2.022	-0.000448	9	15.611	12.0859	21
6F RF	D1	PW	LinStatic		1.427	-2.06	-0.000408	9	15.611	12.0859	21

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
6F RF	D1	Earthquake+x	LinStatic		210.958	18.622	-0.006625	9	15.611	12.0859	21
6F RF	D1	Earthquake+y	LinStatic		10.664	216.127	-0.004986	9	15.611	12.0859	21
6F RF	D1	TH-X Load Case	LinModHist	Max	87.632	21.194	0.006285	9	15.611	12.0859	21
6F RF	D1	TH-X Load Case	LinModHist	Min	-144.605	-25.945	-0.003578	9	15.611	12.0859	21
6F RF	D1	TH-Y Load Case	LinModHist	Max	159.648	17.325	0.004632	9	15.611	12.0859	21
6F RF	D1	TH-Y Load Case	LinModHist	Min	-152.036	-24.714	-0.007366	9	15.611	12.0859	21
6F RF	D1	UDCon11	Combination		1.762	-8.872	-0.002064	9	15.611	12.0859	21
6F RF	D1	UDCon12	Combination		0.87	-8.986	-0.002154	9	15.611	12.0859	21
6F RF	D1	UDCon13	Combination	Max	88.759	14.6	0.004738	9	15.611	12.0859	21
6F RF	D1	UDCon13	Combination	Min	-143.478	-32.54	-0.005125	9	15.611	12.0859	21
6F RF	D1	UDCon14	Combination	Max	145.731	19.35	0.002031	9	15.611	12.0859	21
6F RF	D1	UDCon14	Combination	Min	-86.505	-27.789	-0.007832	9	15.611	12.0859	21
6F RF	D1	UDCon15	Combination	Max	160.775	10.73	0.003085	9	15.611	12.0859	21
6F RF	D1	UDCon15	Combination	Min	-150.91	-31.308	-0.008913	9	15.611	12.0859	21
6F RF	D1	UDCon16	Combination	Max	153.163	18.119	0.005819	9	15.611	12.0859	21
6F RF	D1	UDCon16	Combination	Min	-158.521	-23.92	-0.006179	9	15.611	12.0859	21
6F RF	D1	UDCon17	Combination	Max	88.937	14.622	0.004756	9	15.611	12.0859	21
6F RF	D1	UDCon17	Combination	Min	-143.3	-32.517	-0.005107	9	15.611	12.0859	21
6F RF	D1	UDCon18	Combination	Max	145.91	19.373	0.002049	9	15.611	12.0859	21
6F RF	D1	UDCon18	Combination	Min	-86.327	-27.766	-0.007814	9	15.611	12.0859	21
6F RF	D1	UDCon19	Combination	Max	160.953	10.753	0.003103	9	15.611	12.0859	21
6F RF	D1	UDCon19	Combination	Min	-150.731	-31.286	-0.008895	9	15.611	12.0859	21
6F RF	D1	UDCon20	Combination	Max	153.341	18.142	0.005837	9	15.611	12.0859	21
6F RF	D1	UDCon20	Combination	Min	-158.343	-23.897	-0.006161	9	15.611	12.0859	21
5F RF	D1	Dead	LinStatic		-0.124	-2.722	-0.000599	10	15.611	12.0859	17.5
5F RF	D1	Live	LinStatic		-0.356	-0.147	-5.5E-05	10	15.611	12.0859	17.5
5F RF	D1	FF	LinStatic		1.579	-2.13	-0.000403	10	15.611	12.0859	17.5
5F RF	D1	PW	LinStatic		1.675	-2.101	-0.000366	10	15.611	12.0859	17.5
5F RF	D1	Earthquake+x	LinStatic		199.009	18.399	-0.006429	10	15.611	12.0859	17.5
5F RF	D1	Earthquake+y	LinStatic		10.598	205.635	-0.005038	10	15.611	12.0859	17.5
5F RF	D1	TH-X Load Case	LinModHist	Max	84.342	21.048	0.006208	10	15.611	12.0859	17.5
5F RF	D1	TH-X Load Case	LinModHist	Min	-137.46	-25.988	-0.003548	10	15.611	12.0859	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Max	151.939	17.324	0.00458	10	15.611	12.0859	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Min	-144.395	-24.379	-0.007158	10	15.611	12.0859	17.5
5F RF	D1	UDCon11	Combination		4.226	-9.385	-0.001848	10	15.611	12.0859	17.5
5F RF	D1	UDCon12	Combination		3.692	-9.605	-0.00193	10	15.611	12.0859	17.5
5F RF	D1	UDCon13	Combination	Max	87.365	14.052	0.004823	10	15.611	12.0859	17.5
5F RF	D1	UDCon13	Combination	Min	-134.437	-32.984	-0.004933	10	15.611	12.0859	17.5
5F RF	D1	UDCon14	Combination	Max	140.484	18.992	0.002163	10	15.611	12.0859	17.5
5F RF	D1	UDCon14	Combination	Min	-81.318	-28.044	-0.007594	10	15.611	12.0859	17.5
5F RF	D1	UDCon15	Combination	Max	154.962	10.328	0.003195	10	15.611	12.0859	17.5
5F RF	D1	UDCon15	Combination	Min	-141.372	-31.375	-0.008544	10	15.611	12.0859	17.5
5F RF	D1	UDCon16	Combination	Max	147.419	17.383	0.005773	10	15.611	12.0859	17.5
5F RF	D1	UDCon16	Combination	Min	-148.915	-24.32	-0.005965	10	15.611	12.0859	17.5
5F RF	D1	UDCon17	Combination	Max	87.472	14.096	0.00484	10	15.611	12.0859	17.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
5F RF	D1	UDCon17	Combination	Min	-134.33	-32.94	-0.004916	10	15.611	12.0859	17.5
5F RF	D1	UDCon18	Combination	Max	140.591	19.036	0.002179	10	15.611	12.0859	17.5
5F RF	D1	UDCon18	Combination	Min	-81.211	-28	-0.007577	10	15.611	12.0859	17.5
5F RF	D1	UDCon19	Combination	Max	155.069	10.372	0.003211	10	15.611	12.0859	17.5
5F RF	D1	UDCon19	Combination	Min	-141.265	-31.331	-0.008527	10	15.611	12.0859	17.5
5F RF	D1	UDCon20	Combination	Max	147.526	17.427	0.00579	10	15.611	12.0859	17.5
5F RF	D1	UDCon20	Combination	Min	-148.808	-24.276	-0.005948	10	15.611	12.0859	17.5
4F RF	D1	Dead	LinStatic		0.726	-2.659	-0.000508	11	15.611	12.0859	14
4F RF	D1	Live	LinStatic		-0.167	-0.182	-4.7E-05	11	15.611	12.0859	14
4F RF	D1	FF	LinStatic		1.745	-2.029	-0.000346	11	15.611	12.0859	14
4F RF	D1	PW	LinStatic		1.748	-1.96	-0.000313	11	15.611	12.0859	14
4F RF	D1	Earthquake+x	LinStatic		187.278	18.205	-0.006231	11	15.611	12.0859	14
4F RF	D1	Earthquake+y	LinStatic		10.456	195.578	-0.005086	11	15.611	12.0859	14
4F RF	D1	TH-X Load Case	LinModHist	Max	80.955	20.874	0.00613	11	15.611	12.0859	14
4F RF	D1	TH-X Load Case	LinModHist	Min	-130.319	-25.996	-0.003514	11	15.611	12.0859	14
4F RF	D1	TH-Y Load Case	LinModHist	Max	144.235	17.325	0.004525	11	15.611	12.0859	14
4F RF	D1	TH-Y Load Case	LinModHist	Min	-136.775	-24.182	-0.006954	11	15.611	12.0859	14
4F RF	D1	UDCon11	Combination		5.695	-8.976	-0.001576	11	15.611	12.0859	14
4F RF	D1	UDCon12	Combination		5.445	-9.249	-0.001647	11	15.611	12.0859	14
4F RF	D1	UDCon13	Combination	Max	85.124	14.171	0.004949	11	15.611	12.0859	14
4F RF	D1	UDCon13	Combination	Min	-126.15	-32.699	-0.004696	11	15.611	12.0859	14
4F RF	D1	UDCon14	Combination	Max	134.487	19.292	0.002333	11	15.611	12.0859	14
4F RF	D1	UDCon14	Combination	Min	-76.787	-27.577	-0.007312	11	15.611	12.0859	14
4F RF	D1	UDCon15	Combination	Max	148.404	10.622	0.003344	11	15.611	12.0859	14
4F RF	D1	UDCon15	Combination	Min	-132.606	-30.886	-0.008136	11	15.611	12.0859	14
4F RF	D1	UDCon16	Combination	Max	140.943	17.479	0.005773	11	15.611	12.0859	14
4F RF	D1	UDCon16	Combination	Min	-140.067	-24.029	-0.005707	11	15.611	12.0859	14
4F RF	D1	UDCon17	Combination	Max	85.174	14.226	0.004963	11	15.611	12.0859	14
4F RF	D1	UDCon17	Combination	Min	-126.1	-32.644	-0.004682	11	15.611	12.0859	14
4F RF	D1	UDCon18	Combination	Max	134.537	19.347	0.002347	11	15.611	12.0859	14
4F RF	D1	UDCon18	Combination	Min	-76.737	-27.523	-0.007297	11	15.611	12.0859	14
4F RF	D1	UDCon19	Combination	Max	148.454	10.677	0.003358	11	15.611	12.0859	14
4F RF	D1	UDCon19	Combination	Min	-132.556	-30.831	-0.008122	11	15.611	12.0859	14
4F RF	D1	UDCon20	Combination	Max	140.994	17.534	0.005787	11	15.611	12.0859	14
4F RF	D1	UDCon20	Combination	Min	-140.016	-23.974	-0.005692	11	15.611	12.0859	14
3F RF	D1	Dead	LinStatic		1.166	-2.268	-0.000399	12	15.611	12.0859	10.5
3F RF	D1	Live	LinStatic		-0.036	-0.179	-3.8E-05	12	15.611	12.0859	10.5
3F RF	D1	FF	LinStatic		1.667	-1.697	-0.000274	12	15.611	12.0859	10.5
3F RF	D1	PW	LinStatic		1.614	-1.618	-0.000248	12	15.611	12.0859	10.5
3F RF	D1	Earthquake+x	LinStatic		175.944	18.041	-0.006032	12	15.611	12.0859	10.5
3F RF	D1	Earthquake+y	LinStatic		10.239	185.92	-0.005132	12	15.611	12.0859	10.5
3F RF	D1	TH-X Load Case	LinModHist	Max	77.524	20.678	0.006051	12	15.611	12.0859	10.5
3F RF	D1	TH-X Load Case	LinModHist	Min	-123.297	-25.987	-0.003478	12	15.611	12.0859	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Max	136.655	17.348	0.004468	12	15.611	12.0859	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Min	-129.3	-23.973	-0.006755	12	15.611	12.0859	10.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
3F RF	D1	UDCon11	Combination		6.004	-7.537	-0.001244	12	15.611	12.0859	10.5
3F RF	D1	UDCon12	Combination		5.95	-7.806	-0.0013	12	15.611	12.0859	10.5
3F RF	D1	UDCon13	Combination	Max	81.961	15.042	0.005118	12	15.611	12.0859	10.5
3F RF	D1	UDCon13	Combination	Min	-118.861	-31.623	-0.004411	12	15.611	12.0859	10.5
3F RF	D1	UDCon14	Combination	Max	127.734	20.35	0.002546	12	15.611	12.0859	10.5
3F RF	D1	UDCon14	Combination	Min	-73.087	-26.315	-0.006983	12	15.611	12.0859	10.5
3F RF	D1	UDCon15	Combination	Max	141.092	11.712	0.003536	12	15.611	12.0859	10.5
3F RF	D1	UDCon15	Combination	Min	-124.863	-29.609	-0.007687	12	15.611	12.0859	10.5
3F RF	D1	UDCon16	Combination	Max	133.736	18.336	0.005823	12	15.611	12.0859	10.5
3F RF	D1	UDCon16	Combination	Min	-132.219	-22.985	-0.005401	12	15.611	12.0859	10.5
3F RF	D1	UDCon17	Combination	Max	81.971	15.095	0.005129	12	15.611	12.0859	10.5
3F RF	D1	UDCon17	Combination	Min	-118.85	-31.57	-0.004399	12	15.611	12.0859	10.5
3F RF	D1	UDCon18	Combination	Max	127.745	20.404	0.002557	12	15.611	12.0859	10.5
3F RF	D1	UDCon18	Combination	Min	-73.077	-26.261	-0.006972	12	15.611	12.0859	10.5
3F RF	D1	UDCon19	Combination	Max	141.103	11.766	0.003547	12	15.611	12.0859	10.5
3F RF	D1	UDCon19	Combination	Min	-124.852	-29.556	-0.007676	12	15.611	12.0859	10.5
3F RF	D1	UDCon20	Combination	Max	133.747	18.39	0.005834	12	15.611	12.0859	10.5
3F RF	D1	UDCon20	Combination	Min	-132.208	-22.931	-0.00539	12	15.611	12.0859	10.5
2F RF	D1	Dead	LinStatic		1.058	-1.626	-0.000268	13	15.6913	12.0023	7
2F RF	D1	Live	LinStatic		0.023	-0.146	-2.5E-05	13	15.6913	12.0023	7
2F RF	D1	FF	LinStatic		1.246	-1.19	-0.000186	13	15.6913	12.0023	7
2F RF	D1	PW	LinStatic		1.185	-1.123	-0.000168	13	15.6913	12.0023	7
2F RF	D1	Earthquake+x	LinStatic		164.681	17.48	-0.005834	13	15.6913	12.0023	7
2F RF	D1	Earthquake+y	LinStatic		9.506	176.82	-0.005168	13	15.6913	12.0023	7
2F RF	D1	TH-X Load Case	LinModHist	Max	73.964	20.259	0.005975	13	15.6913	12.0023	7
2F RF	D1	TH-X Load Case	LinModHist	Min	-116.512	-25.46	-0.003441	13	15.6913	12.0023	7
2F RF	D1	TH-Y Load Case	LinModHist	Max	129.298	16.852	0.004413	13	15.6913	12.0023	7
2F RF	D1	TH-Y Load Case	LinModHist	Min	-121.943	-23.416	-0.006565	13	15.6913	12.0023	7
2F RF	D1	UDCon11	Combination		4.709	-5.318	-0.00084	13	15.6913	12.0023	7
2F RF	D1	UDCon12	Combination		4.744	-5.536	-0.000879	13	15.6913	12.0023	7
2F RF	D1	UDCon13	Combination	Max	77.459	16.276	0.005345	13	15.6913	12.0023	7
2F RF	D1	UDCon13	Combination	Min	-113.017	-29.443	-0.004072	13	15.6913	12.0023	7
2F RF	D1	UDCon14	Combination	Max	120.007	21.477	0.002811	13	15.6913	12.0023	7
2F RF	D1	UDCon14	Combination	Min	-70.469	-24.242	-0.006606	13	15.6913	12.0023	7
2F RF	D1	UDCon15	Combination	Max	132.793	12.869	0.003783	13	15.6913	12.0023	7
2F RF	D1	UDCon15	Combination	Min	-118.448	-27.399	-0.007195	13	15.6913	12.0023	7
2F RF	D1	UDCon16	Combination	Max	125.438	19.434	0.005935	13	15.6913	12.0023	7
2F RF	D1	UDCon16	Combination	Min	-125.803	-20.835	-0.005044	13	15.6913	12.0023	7
2F RF	D1	UDCon17	Combination	Max	77.452	16.32	0.005353	13	15.6913	12.0023	7
2F RF	D1	UDCon17	Combination	Min	-113.024	-29.399	-0.004064	13	15.6913	12.0023	7
2F RF	D1	UDCon18	Combination	Max	120	21.521	0.002819	13	15.6913	12.0023	7
2F RF	D1	UDCon18	Combination	Min	-70.476	-24.198	-0.006598	13	15.6913	12.0023	7
2F RF	D1	UDCon19	Combination	Max	132.786	12.913	0.003791	13	15.6913	12.0023	7
2F RF	D1	UDCon19	Combination	Min	-118.455	-27.356	-0.007187	13	15.6913	12.0023	7
2F RF	D1	UDCon20	Combination	Max	125.431	19.477	0.005942	13	15.6913	12.0023	7

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
2F RF	D1	UDCon20	Combination	Min	-125.81	-20.791	-0.005036	13	15.6913	12.0023	7
1F RF	D1	Dead	LinStatic		0.53	-0.553	-0.000106	14	15.7127	12.0198	3.5
1F RF	D1	Live	LinStatic		0.024	-0.063	-1E-05	14	15.7127	12.0198	3.5
1F RF	D1	FF	LinStatic		0.57	-0.401	-7.4E-05	14	15.7127	12.0198	3.5
1F RF	D1	PW	LinStatic		0.538	-0.382	-6.7E-05	14	15.7127	12.0198	3.5
1F RF	D1	Earthquake+x	LinStatic		154.383	17.354	-0.005593	14	15.7127	12.0198	3.5
1F RF	D1	Earthquake+y	LinStatic		9.26	168.439	-0.005189	14	15.7127	12.0198	3.5
1F RF	D1	TH-X Load Case	LinModHist	Max	70.523	20.036	0.005898	14	15.7127	12.0198	3.5
1F RF	D1	TH-X Load Case	LinModHist	Min	-109.857	-25.321	-0.003398	14	15.7127	12.0198	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Max	122.083	16.92	0.004353	14	15.7127	12.0198	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Min	-114.919	-23.158	-0.006362	14	15.7127	12.0198	3.5
1F RF	D1	UDCon11	Combination		2.212	-1.804	-0.000334	14	15.7127	12.0198	3.5
1F RF	D1	UDCon12	Combination		2.247	-1.899	-0.00035	14	15.7127	12.0198	3.5
1F RF	D1	UDCon13	Combination	Max	72.168	18.681	0.005647	14	15.7127	12.0198	3.5
1F RF	D1	UDCon13	Combination	Min	-108.211	-26.677	-0.003649	14	15.7127	12.0198	3.5
1F RF	D1	UDCon14	Combination	Max	111.502	23.966	0.003147	14	15.7127	12.0198	3.5
1F RF	D1	UDCon14	Combination	Min	-68.877	-21.391	-0.006148	14	15.7127	12.0198	3.5
1F RF	D1	UDCon15	Combination	Max	123.729	15.565	0.004102	14	15.7127	12.0198	3.5
1F RF	D1	UDCon15	Combination	Min	-113.274	-24.513	-0.006613	14	15.7127	12.0198	3.5
1F RF	D1	UDCon16	Combination	Max	116.565	21.802	0.006111	14	15.7127	12.0198	3.5
1F RF	D1	UDCon16	Combination	Min	-120.438	-18.275	-0.004603	14	15.7127	12.0198	3.5
1F RF	D1	UDCon17	Combination	Max	72.161	18.7	0.00565	14	15.7127	12.0198	3.5
1F RF	D1	UDCon17	Combination	Min	-108.218	-26.658	-0.003646	14	15.7127	12.0198	3.5
1F RF	D1	UDCon18	Combination	Max	111.495	23.985	0.00315	14	15.7127	12.0198	3.5
1F RF	D1	UDCon18	Combination	Min	-68.884	-21.372	-0.006145	14	15.7127	12.0198	3.5
1F RF	D1	UDCon19	Combination	Max	123.722	15.584	0.004105	14	15.7127	12.0198	3.5
1F RF	D1	UDCon19	Combination	Min	-113.281	-24.494	-0.00661	14	15.7127	12.0198	3.5
1F RF	D1	UDCon20	Combination	Max	116.558	21.821	0.006114	14	15.7127	12.0198	3.5
1F RF	D1	UDCon20	Combination	Min	-120.445	-18.256	-0.0046	14	15.7127	12.0198	3.5
Base	D1	Dead	LinStatic		1.486	0.584	-0.000134	15	20.0769	9.39	0
Base	D1	Live	LinStatic		0.19	0.107	-2E-05	15	20.0769	9.39	0
Base	D1	FF	LinStatic		0.949	0.184	-7.7E-05	15	20.0769	9.39	0
Base	D1	PW	LinStatic		0.809	0.183	-6.4E-05	15	20.0769	9.39	0
Base	D1	Earthquake+x	LinStatic		121.191	-4.451	-0.001316	15	20.0769	9.39	0
Base	D1	Earthquake+y	LinStatic		-3.483	129.956	-0.005285	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Max	57.888	11.74	0.006523	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Min	-95.917	-6.35	-0.004017	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Max	108.159	13.421	0.005328	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Min	-96.202	-11.043	-0.005223	15	20.0769	9.39	0
Base	D1	UDCon11	Combination		4.381	1.284	-0.000371	15	20.0769	9.39	0
Base	D1	UDCon12	Combination		4.665	1.445	-0.000401	15	20.0769	9.39	0
Base	D1	UDCon13	Combination	Max	61.19	12.723	0.006242	15	20.0769	9.39	0
Base	D1	UDCon13	Combination	Min	-92.615	-5.367	-0.004298	15	20.0769	9.39	0
Base	D1	UDCon14	Combination	Max	99.219	7.333	0.003736	15	20.0769	9.39	0
Base	D1	UDCon14	Combination	Min	-54.586	-10.757	-0.006804	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	111.461	14.404	0.005047	15	20.0769	9.39	0
Base	D1	UDCon15	Combination	Min	-92.9	-10.06	-0.005503	15	20.0769	9.39	0
Base	D1	UDCon16	Combination	Max	99.504	12.026	0.004942	15	20.0769	9.39	0
Base	D1	UDCon16	Combination	Min	-104.857	-12.438	-0.005609	15	20.0769	9.39	0
Base	D1	UDCon17	Combination	Max	61.133	12.691	0.006248	15	20.0769	9.39	0
Base	D1	UDCon17	Combination	Min	-92.672	-5.399	-0.004292	15	20.0769	9.39	0
Base	D1	UDCon18	Combination	Max	99.162	7.301	0.003742	15	20.0769	9.39	0
Base	D1	UDCon18	Combination	Min	-54.643	-10.789	-0.006798	15	20.0769	9.39	0
Base	D1	UDCon19	Combination	Max	111.404	14.372	0.005053	15	20.0769	9.39	0
Base	D1	UDCon19	Combination	Min	-92.957	-10.092	-0.005498	15	20.0769	9.39	0
Base	D1	UDCon20	Combination	Max	99.447	11.994	0.004948	15	20.0769	9.39	0
Base	D1	UDCon20	Combination	Min	-104.914	-12.47	-0.005603	15	20.0769	9.39	0

Table 3.4 - Diaphragm Max Over Avg Drifts

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	Dead	LinStatic		Diaph D1 X	0.000783	0.000768	1.019	43	26.8	5	49
14	Dead	LinStatic		Diaph D1 Y	0.000435	0.000413	1.055	38	3.75	14.8	49
14	Live	LinStatic		Diaph D1 X	0.000133	0.000128	1.037	11	7	19.6	49
14	Live	LinStatic		Diaph D1 Y	7E-05	6.2E-05	1.12	43	26.8	5	49
14	FF	LinStatic		Diaph D1 X	0.000365	0.00035	1.043	11	7	19.6	49
14	FF	LinStatic		Diaph D1 Y	0.000293	0.00027	1.086	45	26.8	14.8	49
14	PW	LinStatic		Diaph D1 X	0.000283	0.000275	1.03	11	7	19.6	49
14	PW	LinStatic		Diaph D1 Y	0.000232	0.000219	1.06	45	26.8	14.8	49
14	Earthquake+x	LinStatic		Diaph D1 X	0.002976	0.002656	1.121	44	26.8	19.6	49
14	Earthquake+y	LinStatic		Diaph D1 Y	0.003012	0.002899	1.039	47	26.8	10	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.0014	0.001238	1.131	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000582	0.00042	1.385	40	3.75	5	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.001865	0.001733	1.076	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000543	0.000348	1.56	38	3.75	14.8	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002224	0.002045	1.087	44	26.8	19.6	49

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000654	0.000443	1.475	40	3.75	5	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002499	0.002242	1.115	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000634	0.00042	1.508	40	3.75	5	49
14	UDCon11	Combination		Diaph D1 X	0.001894	0.00188	1.007	11	7	19.6	49
14	UDCon11	Combination		Diaph D1 Y	0.001239	0.001216	1.019	42	24.7	5	49
14	UDCon12	Combination		Diaph D1 X	0.002094	0.002072	1.01	11	7	19.6	49
14	UDCon12	Combination		Diaph D1 Y	0.001342	0.001309	1.025	45	26.8	14.8	49
14	UDCon13	Combination	Max	Diaph D1 X	0.00035	0.000194	1.801	51	24.7	8.8	49
14	UDCon13	Combination	Max	Diaph D1 Y	0.001489	0.001335	1.116	38	3.75	14.8	49
14	UDCon13	Combination	Min	Diaph D1 X	0.003307	0.003164	1.045	11	7	19.6	49
14	UDCon13	Combination	Min	Diaph D1 Y	0.000777	0.000567	1.37	28	20.5	5	49
14	UDCon14	Combination	Max	Diaph D1 X	0.000426	0.000302	1.41	44	26.8	19.6	49
14	UDCon14	Combination	Max	Diaph D1 Y	0.001452	0.001267	1.146	38	3.75	14.8	49
14	UDCon14	Combination	Min	Diaph D1 X	0.002842	0.00267	1.064	11	7	19.6	49
14	UDCon14	Combination	Min	Diaph D1 Y	0.000663	0.000491	1.35	36	15.8	14.8	49
14	UDCon15	Combination	Max	Diaph D1 X	0.000785	0.000615	1.277	44	26.8	19.6	49
14	UDCon15	Combination	Max	Diaph D1 Y	0.001562	0.001358	1.15	38	3.75	14.8	49
14	UDCon15	Combination	Min	Diaph D1 X	0.003941	0.003673	1.073	11	7	19.6	49
14	UDCon15	Combination	Min	Diaph D1 Y	0.000718	0.000493	1.458	27	17.9	5	49
14	UDCon16	Combination	Max	Diaph D1 X	0.00106	0.000811	1.307	44	26.8	19.6	49
14	UDCon16	Combination	Max	Diaph D1 Y	0.001541	0.001336	1.153	40	3.75	5	49
14	UDCon16	Combination	Min	Diaph D1 X	0.003665	0.003477	1.054	11	7	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	0.000689	0.000468	1.473	36	15.8	14.8	49
14	UDCon17	Combination	Max	Diaph D1 X	0.000312	0.000156	2.007	51	24.7	8.8	49
14	UDCon17	Combination	Max	Diaph D1 Y	0.001473	0.001317	1.118	38	3.75	14.8	49
14	UDCon17	Combination	Min	Diaph D1 X	0.003267	0.003126	1.045	11	7	19.6	49
14	UDCon17	Combination	Min	Diaph D1 Y	0.000757	0.000549	1.379	28	20.5	5	49
14	UDCon18	Combination	Max	Diaph D1 X	0.000466	0.000341	1.368	44	26.8	19.6	49
14	UDCon18	Combination	Max	Diaph D1 Y	0.001435	0.001248	1.149	38	3.75	14.8	49
14	UDCon18	Combination	Min	Diaph D1 X	0.002802	0.002631	1.065	11	7	19.6	49
14	UDCon18	Combination	Min	Diaph D1 Y	0.000644	0.000474	1.361	36	15.8	14.8	49
14	UDCon19	Combination	Max	Diaph D1 X	0.000825	0.000653	1.263	44	26.8	19.6	49
14	UDCon19	Combination	Max	Diaph D1 Y	0.001545	0.00134	1.153	38	3.75	14.8	49
14	UDCon19	Combination	Min	Diaph D1 X	0.003901	0.003635	1.073	11	7	19.6	49
14	UDCon19	Combination	Min	Diaph D1 Y	0.000699	0.000475	1.472	27	17.9	5	49
14	UDCon20	Combination	Max	Diaph D1 X	0.0011	0.00085	1.295	44	26.8	19.6	49
14	UDCon20	Combination	Max	Diaph D1 Y	0.001525	0.001318	1.156	40	3.75	5	49
14	UDCon20	Combination	Min	Diaph D1 X	0.003625	0.003438	1.054	11	7	19.6	49
14	UDCon20	Combination	Min	Diaph D1 Y	0.00067	0.00045	1.488	36	15.8	14.8	49
13	Dead	LinStatic		Diaph D1 X	0.000768	0.000747	1.029	41	7	5	45.5
13	Dead	LinStatic		Diaph D1 Y	0.000429	0.000395	1.085	40	3.75	5	45.5
13	Live	LinStatic		Diaph D1 X	0.000129	0.000125	1.031	11	7	19.6	45.5
13	Live	LinStatic		Diaph D1 Y	6.6E-05	6E-05	1.101	45	26.8	14.8	45.5
13	FF	LinStatic		Diaph D1 X	0.000347	0.000338	1.027	11	7	19.6	45.5
13	FF	LinStatic		Diaph D1 Y	0.000272	0.000258	1.057	45	26.8	14.8	45.5
13	PW	LinStatic		Diaph D1 X	0.000268	0.000265	1.012	11	7	19.6	45.5

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 Y	0.000214	0.000208	1.026	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		Diaph D1 X	0.003132	0.002799	1.119	44	26.8	19.6	45.5
13	Earthquake+y	LinStatic		Diaph D1 Y	0.003086	0.002961	1.042	43	26.8	5	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001456	0.001285	1.133	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000594	0.000427	1.392	39	3.75	10	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00196	0.001822	1.076	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000552	0.000353	1.562	38	3.75	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002334	0.002152	1.085	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000668	0.000453	1.474	39	3.75	10	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00262	0.002355	1.113	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000649	0.000428	1.516	39	3.75	10	45.5
13	UDCon11	Combination		Diaph D1 X	0.001837	0.001822	1.008	41	7	5	45.5
13	UDCon11	Combination		Diaph D1 Y	0.001186	0.001163	1.02	40	3.75	5	45.5
13	UDCon12	Combination		Diaph D1 X	0.002019	0.00201	1.005	41	7	5	45.5
13	UDCon12	Combination		Diaph D1 Y	0.001268	0.001253	1.012	40	3.75	5	45.5
13	UDCon13	Combination	Max	Diaph D1 Y	0.001489	0.001313	1.134	40	3.75	5	45.5
13	UDCon13	Combination	Min	Diaph D1 X	0.003339	0.003208	1.041	6	20.5	19.6	45.5
13	UDCon13	Combination	Min	Diaph D1 Y	0.000718	0.000527	1.364	28	20.5	5	45.5
13	UDCon14	Combination	Max	Diaph D1 X	0.000581	0.000434	1.338	44	26.8	19.6	45.5
13	UDCon14	Combination	Max	Diaph D1 Y	0.001446	0.001237	1.169	40	3.75	5	45.5
13	UDCon14	Combination	Min	Diaph D1 X	0.002836	0.002669	1.062	6	20.5	19.6	45.5
13	UDCon14	Combination	Min	Diaph D1 Y	0.000618	0.000456	1.355	31	15.8	19.6	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	UDCon15	Combination	Max	Diaph D1 X	0.000956	0.000764	1.251	44	26.8	19.6	45.5
13	UDCon15	Combination	Max	Diaph D1 Y	0.001563	0.001339	1.167	40	3.75	5	45.5
13	UDCon15	Combination	Min	Diaph D1 X	0.003999	0.003741	1.069	6	20.5	19.6	45.5
13	UDCon15	Combination	Min	Diaph D1 Y	0.000668	0.000454	1.473	27	17.9	5	45.5
13	UDCon16	Combination	Max	Diaph D1 X	0.001241	0.000967	1.283	44	26.8	19.6	45.5
13	UDCon16	Combination	Max	Diaph D1 Y	0.001544	0.001313	1.176	40	3.75	5	45.5
13	UDCon16	Combination	Min	Diaph D1 X	0.003713	0.003538	1.05	6	20.5	19.6	45.5
13	UDCon16	Combination	Min	Diaph D1 Y	0.000639	0.000429	1.488	31	15.8	19.6	45.5
13	UDCon17	Combination	Max	Diaph D1 Y	0.001473	0.001296	1.137	40	3.75	5	45.5
13	UDCon17	Combination	Min	Diaph D1 X	0.0033	0.003171	1.041	6	20.5	19.6	45.5
13	UDCon17	Combination	Min	Diaph D1 Y	0.0007	0.000509	1.374	28	20.5	5	45.5
13	UDCon18	Combination	Max	Diaph D1 X	0.00062	0.000472	1.314	44	26.8	19.6	45.5
13	UDCon18	Combination	Max	Diaph D1 Y	0.00143	0.001219	1.173	40	3.75	5	45.5
13	UDCon18	Combination	Min	Diaph D1 X	0.002797	0.002631	1.063	6	20.5	19.6	45.5
13	UDCon18	Combination	Min	Diaph D1 Y	0.0006	0.000439	1.367	31	15.8	19.6	45.5
13	UDCon19	Combination	Max	Diaph D1 X	0.000994	0.000802	1.24	44	26.8	19.6	45.5
13	UDCon19	Combination	Max	Diaph D1 Y	0.001547	0.001322	1.17	40	3.75	5	45.5
13	UDCon19	Combination	Min	Diaph D1 X	0.00396	0.003704	1.069	6	20.5	19.6	45.5
13	UDCon19	Combination	Min	Diaph D1 Y	0.00065	0.000436	1.489	27	17.9	5	45.5
13	UDCon20	Combination	Max	Diaph D1 X	0.00128	0.001005	1.274	44	26.8	19.6	45.5
13	UDCon20	Combination	Max	Diaph D1 Y	0.001528	0.001296	1.179	40	3.75	5	45.5
13	UDCon20	Combination	Min	Diaph D1 X	0.003675	0.0035	1.05	6	20.5	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	UDCon20	Combination	Min	Diaph D1 Y	0.000621	0.000412	1.506	31	15.8	19.6	45.5
12F RF	Dead	LinStatic		Diaph D1 X	0.000748	0.000717	1.043	43	26.8	5	42
12F RF	Dead	LinStatic		Diaph D1 Y	0.00042	0.000371	1.132	40	3.75	5	42
12F RF	Live	LinStatic		Diaph D1 X	0.000124	0.000121	1.022	11	7	19.6	42
12F RF	Live	LinStatic		Diaph D1 Y	6.1E-05	5.7E-05	1.076	45	26.8	14.8	42
12F RF	FF	LinStatic		Diaph D1 X	0.000322	0.000321	1.005	11	7	19.6	42
12F RF	FF	LinStatic		Diaph D1 Y	0.000244	0.000241	1.013	45	26.8	14.8	42
12F RF	PW	LinStatic		Diaph D1 X	0.000255	0.000251	1.017	43	26.8	5	42
12F RF	PW	LinStatic		Diaph D1 Y	0.000201	0.000194	1.034	40	3.75	5	42
12F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003291	0.002945	1.117	44	26.8	19.6	42
12F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003159	0.003019	1.046	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001507	0.001327	1.136	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000605	0.000433	1.399	39	3.75	10	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002053	0.001909	1.075	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00056	0.000358	1.565	38	3.75	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002444	0.002259	1.082	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000682	0.000463	1.475	39	3.75	10	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002735	0.002464	1.11	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000663	0.000435	1.524	39	3.75	10	42
12F RF	UDCon11	Combination		Diaph D1 X	0.001786	0.001739	1.027	43	26.8	5	42
12F RF	UDCon11	Combination		Diaph D1 Y	0.001164	0.00109	1.068	40	3.75	5	42
12F RF	UDCon12	Combination		Diaph D1 X	0.001964	0.001921	1.023	43	26.8	5	42
12F RF	UDCon12	Combination		Diaph D1 Y	0.001244	0.001176	1.058	40	3.75	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	UDCon13	Combination	Max	Diaph D1 Y	0.001483	0.001282	1.157	40	3.75	5	42
12F RF	UDCon13	Combination	Min	Diaph D1 X	0.003345	0.003234	1.034	11	7	19.6	42
12F RF	UDCon13	Combination	Min	Diaph D1 Y	0.000646	0.000478	1.353	28	20.5	5	42
12F RF	UDCon14	Combination	Max	Diaph D1 X	0.000761	0.000584	1.302	44	26.8	19.6	42
12F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001438	0.001197	1.201	40	3.75	5	42
12F RF	UDCon14	Combination	Min	Diaph D1 X	0.0028	0.002642	1.06	11	7	19.6	42
12F RF	UDCon14	Combination	Min	Diaph D1 Y	0.000561	0.000412	1.361	31	15.8	19.6	42
12F RF	UDCon15	Combination	Max	Diaph D1 X	0.001152	0.000934	1.234	44	26.8	19.6	42
12F RF	UDCon15	Combination	Max	Diaph D1 Y	0.00156	0.001312	1.189	40	3.75	5	42
12F RF	UDCon15	Combination	Min	Diaph D1 X	0.004027	0.003789	1.063	6	20.5	19.6	42
12F RF	UDCon15	Combination	Min	Diaph D1 Y	0.000605	0.000394	1.538	27	17.9	5	42
12F RF	UDCon16	Combination	Max	Diaph D1 X	0.001443	0.001139	1.267	44	26.8	19.6	42
12F RF	UDCon16	Combination	Max	Diaph D1 Y	0.00154	0.00128	1.204	40	3.75	5	42
12F RF	UDCon16	Combination	Min	Diaph D1 X	0.003736	0.003583	1.043	6	20.5	19.6	42
12F RF	UDCon16	Combination	Min	Diaph D1 Y	0.000578	0.000382	1.512	31	15.8	19.6	42
12F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001467	0.001266	1.16	40	3.75	5	42
12F RF	UDCon17	Combination	Min	Diaph D1 X	0.003308	0.003198	1.035	11	7	19.6	42
12F RF	UDCon17	Combination	Min	Diaph D1 Y	0.000629	0.000461	1.364	28	20.5	5	42
12F RF	UDCon18	Combination	Max	Diaph D1 X	0.000798	0.000621	1.286	44	26.8	19.6	42
12F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001422	0.00118	1.205	40	3.75	5	42
12F RF	UDCon18	Combination	Min	Diaph D1 X	0.002763	0.002606	1.06	11	7	19.6	42
12F RF	UDCon18	Combination	Min	Diaph D1 Y	0.000544	0.000396	1.375	31	15.8	19.6	42
12F RF	UDCon19	Combination	Max	Diaph D1 X	0.001189	0.00097	1.226	44	26.8	19.6	42

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
12F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001544	0.001296	1.192	40	3.75	5	42
12F RF	UDCon19	Combination	Min	Diaph D1 X	0.00399	0.003752	1.063	6	20.5	19.6	42
12F RF	UDCon19	Combination	Min	Diaph D1 Y	0.000588	0.000376	1.565	27	17.9	5	42
12F RF	UDCon20	Combination	Max	Diaph D1 X	0.00148	0.001175	1.259	44	26.8	19.6	42
12F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001524	0.001263	1.207	40	3.75	5	42
12F RF	UDCon20	Combination	Min	Diaph D1 X	0.003699	0.003547	1.043	6	20.5	19.6	42
12F RF	UDCon20	Combination	Min	Diaph D1 Y	0.000561	0.000366	1.533	31	15.8	19.6	42
11F RF	Dead	LinStatic		Diaph D1 X	0.000722	0.000678	1.064	43	26.8	5	38.5
11F RF	Dead	LinStatic		Diaph D1 Y	0.00041	0.000341	1.2	40	3.75	5	38.5
11F RF	Live	LinStatic		Diaph D1 X	0.000117	0.000115	1.011	11	7	19.6	38.5
11F RF	Live	LinStatic		Diaph D1 Y	5.5E-05	5.3E-05	1.039	45	26.8	14.8	38.5
11F RF	FF	LinStatic		Diaph D1 X	0.000308	0.000299	1.03	43	26.8	5	38.5
11F RF	FF	LinStatic		Diaph D1 Y	0.000235	0.000221	1.063	40	3.75	5	38.5
11F RF	PW	LinStatic		Diaph D1 X	0.000245	0.000232	1.054	43	26.8	5	38.5
11F RF	PW	LinStatic		Diaph D1 Y	0.000196	0.000177	1.112	40	3.75	5	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003445	0.003087	1.116	44	26.8	19.6	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003221	0.003069	1.05	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00155	0.001365	1.135	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000615	0.000436	1.409	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002138	0.001989	1.075	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000566	0.00036	1.571	38	3.75	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002546	0.00236	1.079	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000696	0.000471	1.478	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	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002835	0.00256	1.108	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000673	0.000441	1.526	39	3.75	10	38.5
11F RF	UDCon11	Combination		Diaph D1 X	0.001721	0.001633	1.054	43	26.8	5	38.5
11F RF	UDCon11	Combination		Diaph D1 Y	0.001135	0.000998	1.138	40	3.75	5	38.5
11F RF	UDCon12	Combination		Diaph D1 X	0.001892	0.001806	1.048	43	26.8	5	38.5
11F RF	UDCon12	Combination		Diaph D1 Y	0.001213	0.001078	1.125	40	3.75	5	38.5
11F RF	UDCon13	Combination	Max	Diaph D1 X	0.00037	0.000136	2.72	33	3.75	19.6	38.5
11F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001471	0.001239	1.187	40	3.75	5	38.5
11F RF	UDCon13	Combination	Min	Diaph D1 X	0.00332	0.003233	1.027	11	7	19.6	38.5
11F RF	UDCon13	Combination	Min	Diaph D1 Y	0.000556	0.000418	1.329	28	20.5	5	38.5
11F RF	UDCon14	Combination	Max	Diaph D1 X	0.000958	0.000744	1.287	33	3.75	19.6	38.5
11F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001422	0.001143	1.244	40	3.75	5	38.5
11F RF	UDCon14	Combination	Min	Diaph D1 X	0.002732	0.002594	1.053	11	7	19.6	38.5
11F RF	UDCon14	Combination	Min	Diaph D1 Y	0.000491	0.000345	1.423	31	15.8	19.6	38.5
11F RF	UDCon15	Combination	Max	Diaph D1 X	0.001365	0.001115	1.224	44	26.8	19.6	38.5
11F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001552	0.001274	1.219	40	3.75	5	38.5
11F RF	UDCon15	Combination	Min	Diaph D1 X	0.004016	0.003804	1.056	6	20.5	19.6	38.5
11F RF	UDCon16	Combination	Max	Diaph D1 X	0.001655	0.001315	1.258	44	26.8	19.6	38.5
11F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001529	0.001235	1.238	40	3.75	5	38.5
11F RF	UDCon16	Combination	Min	Diaph D1 X	0.003727	0.003604	1.034	11	7	19.6	38.5
11F RF	UDCon17	Combination	Max	Diaph D1 X	0.000405	0.000171	2.372	33	3.75	19.6	38.5
11F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001455	0.001223	1.19	40	3.75	5	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	UDCon17	Combination	Min	Diaph D1 X	0.003285	0.003198	1.027	11	7	19.6	38.5
11F RF	UDCon17	Combination	Min	Diaph D1 Y	0.000539	0.000402	1.341	28	20.5	5	38.5
11F RF	UDCon18	Combination	Max	Diaph D1 X	0.000993	0.000779	1.274	33	3.75	19.6	38.5
11F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001406	0.001127	1.248	40	3.75	5	38.5
11F RF	UDCon18	Combination	Min	Diaph D1 X	0.002697	0.002559	1.054	11	7	19.6	38.5
11F RF	UDCon18	Combination	Min	Diaph D1 Y	0.000475	0.000329	1.445	31	15.8	19.6	38.5
11F RF	UDCon19	Combination	Max	Diaph D1 X	0.0014	0.00115	1.217	44	26.8	19.6	38.5
11F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001537	0.001258	1.222	40	3.75	5	38.5
11F RF	UDCon19	Combination	Min	Diaph D1 X	0.003981	0.003769	1.056	6	20.5	19.6	38.5
11F RF	UDCon20	Combination	Max	Diaph D1 X	0.001689	0.001349	1.252	44	26.8	19.6	38.5
11F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001513	0.001219	1.242	40	3.75	5	38.5
11F RF	UDCon20	Combination	Min	Diaph D1 X	0.003692	0.003569	1.034	11	7	19.6	38.5
10F RF	Dead	LinStatic		Diaph D1 X	0.000689	0.000631	1.093	43	26.8	5	35
10F RF	Dead	LinStatic		Diaph D1 Y	0.000396	0.000305	1.3	40	3.75	5	35
10F RF	Live	LinStatic		Diaph D1 X	0.000109	0.000109	1.006	43	26.8	5	35
10F RF	Live	LinStatic		Diaph D1 Y	5E-05	4.9E-05	1.021	40	3.75	5	35
10F RF	FF	LinStatic		Diaph D1 X	0.000293	0.000272	1.076	43	26.8	5	35
10F RF	FF	LinStatic		Diaph D1 Y	0.000228	0.000196	1.163	40	3.75	5	35
10F RF	PW	LinStatic		Diaph D1 X	0.000233	0.00021	1.109	43	26.8	5	35
10F RF	PW	LinStatic		Diaph D1 Y	0.000191	0.000155	1.23	40	3.75	5	35
10F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003585	0.003214	1.115	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003266	0.003103	1.053	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001588	0.001384	1.148	44	26.8	19.6	35

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000621	0.000438	1.419	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00221	0.002055	1.076	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000569	0.000361	1.579	40	3.75	5	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002634	0.002448	1.076	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000708	0.000478	1.483	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002913	0.002633	1.106	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000681	0.000446	1.528	33	3.75	19.6	35
10F RF	UDCon11	Combination		Diaph D1 X	0.00164	0.001503	1.092	43	26.8	5	35
10F RF	UDCon11	Combination		Diaph D1 Y	0.0011	0.000885	1.243	40	3.75	5	35
10F RF	UDCon12	Combination		Diaph D1 X	0.001805	0.001666	1.083	43	26.8	5	35
10F RF	UDCon12	Combination		Diaph D1 Y	0.001175	0.000958	1.226	40	3.75	5	35
10F RF	UDCon13	Combination	Max	Diaph D1 X	0.000544	0.000255	2.133	33	3.75	19.6	35
10F RF	UDCon13	Combination	Max	Diaph D1 Y	0.00145	0.00118	1.229	40	3.75	5	35
10F RF	UDCon13	Combination	Min	Diaph D1 X	0.003256	0.0032	1.017	11	7	19.6	35
10F RF	UDCon14	Combination	Max	Diaph D1 X	0.001166	0.000909	1.283	33	3.75	19.6	35
10F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001399	0.001074	1.302	40	3.75	5	35
10F RF	UDCon14	Combination	Min	Diaph D1 X	0.002634	0.002514	1.048	11	7	19.6	35
10F RF	UDCon15	Combination	Max	Diaph D1 X	0.001589	0.001302	1.221	33	3.75	19.6	35
10F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001537	0.001214	1.266	40	3.75	5	35
10F RF	UDCon15	Combination	Min	Diaph D1 X	0.003958	0.003779	1.047	44	26.8	19.6	35
10F RF	UDCon16	Combination	Max	Diaph D1 X	0.001868	0.001487	1.256	33	3.75	19.6	35
10F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001509	0.001176	1.283	40	3.75	5	35
10F RF	UDCon16	Combination	Min	Diaph D1 X	0.003679	0.003593	1.024	11	7	19.6	35

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	UDCon17	Combination	Max	Diaph D1 X	0.000577	0.000288	2.004	33	3.75	19.6	35
10F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001435	0.001165	1.232	40	3.75	5	35
10F RF	UDCon17	Combination	Min	Diaph D1 X	0.003223	0.003167	1.018	11	7	19.6	35
10F RF	UDCon18	Combination	Max	Diaph D1 X	0.001198	0.000941	1.273	33	3.75	19.6	35
10F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001384	0.00106	1.306	40	3.75	5	35
10F RF	UDCon18	Combination	Min	Diaph D1 X	0.002602	0.002481	1.049	11	7	19.6	35
10F RF	UDCon19	Combination	Max	Diaph D1 X	0.001622	0.001335	1.215	33	3.75	19.6	35
10F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001522	0.001199	1.269	40	3.75	5	35
10F RF	UDCon19	Combination	Min	Diaph D1 X	0.003925	0.003746	1.048	44	26.8	19.6	35
10F RF	UDCon20	Combination	Max	Diaph D1 X	0.001901	0.00152	1.251	33	3.75	19.6	35
10F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001494	0.001161	1.287	40	3.75	5	35
10F RF	UDCon20	Combination	Min	Diaph D1 X	0.003647	0.00356	1.024	11	7	19.6	35
9F RF	Dead	LinStatic		Diaph D1 X	0.000651	0.000574	1.133	43	26.8	5	31.5
9F RF	Dead	LinStatic		Diaph D1 Y	0.000381	0.000261	1.462	40	3.75	5	31.5
9F RF	Live	LinStatic		Diaph D1 X	0.000104	0.000101	1.028	43	26.8	5	31.5
9F RF	Live	LinStatic		Diaph D1 Y	4.8E-05	4.3E-05	1.101	40	3.75	5	31.5
9F RF	FF	LinStatic		Diaph D1 X	0.000275	0.00024	1.144	43	26.8	5	31.5
9F RF	FF	LinStatic		Diaph D1 Y	0.00022	0.000165	1.329	40	3.75	5	31.5
9F RF	PW	LinStatic		Diaph D1 X	0.000218	0.000183	1.192	43	26.8	5	31.5
9F RF	PW	LinStatic		Diaph D1 Y	0.000184	0.000129	1.43	40	3.75	5	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003703	0.003319	1.116	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003288	0.003117	1.055	43	26.8	5	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001612	0.001399	1.152	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	Max	Diaph D1 Y	0.000623	0.000435	1.431	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002262	0.002113	1.071	44	26.8	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00057	0.000359	1.59	40	3.75	5	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002716	0.002524	1.076	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000716	0.000481	1.489	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00296	0.002678	1.105	44	26.8	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000684	0.000447	1.53	33	3.75	19.6	31.5
9F RF	UDCon11	Combination		Diaph D1 X	0.001544	0.001347	1.147	43	26.8	5	31.5
9F RF	UDCon11	Combination		Diaph D1 Y	0.001059	0.000749	1.415	40	3.75	5	31.5
9F RF	UDCon12	Combination		Diaph D1 X	0.0017	0.001498	1.135	43	26.8	5	31.5
9F RF	UDCon12	Combination		Diaph D1 Y	0.001131	0.000814	1.39	40	3.75	5	31.5
9F RF	UDCon13	Combination	Max	Diaph D1 X	0.000731	0.000381	1.917	33	3.75	19.6	31.5
9F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001421	0.001093	1.3	40	3.75	5	31.5
9F RF	UDCon13	Combination	Min	Diaph D1 X	0.003146	0.003134	1.004	44	26.8	19.6	31.5
9F RF	UDCon14	Combination	Max	Diaph D1 X	0.001381	0.001085	1.273	33	3.75	19.6	31.5
9F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001369	0.00099	1.383	40	3.75	5	31.5
9F RF	UDCon14	Combination	Min	Diaph D1 X	0.002495	0.002409	1.036	44	26.8	19.6	31.5
9F RF	UDCon15	Combination	Max	Diaph D1 X	0.001836	0.001496	1.227	33	3.75	19.6	31.5
9F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001514	0.001129	1.341	40	3.75	5	31.5
9F RF	UDCon15	Combination	Min	Diaph D1 X	0.003844	0.003707	1.037	44	26.8	19.6	31.5
9F RF	UDCon16	Combination	Max	Diaph D1 X	0.002079	0.00165	1.26	33	3.75	19.6	31.5
9F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001481	0.001103	1.343	40	3.75	5	31.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
9F RF	UDCon16	Combination	Min	Diaph D1 X	0.0036	0.003552	1.014	44	26.8	19.6	31.5
9F RF	UDCon17	Combination	Max	Diaph D1 X	0.00076	0.000412	1.847	33	3.75	19.6	31.5
9F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001407	0.00108	1.303	40	3.75	5	31.5
9F RF	UDCon17	Combination	Min	Diaph D1 X	0.003117	0.003104	1.004	44	26.8	19.6	31.5
9F RF	UDCon18	Combination	Max	Diaph D1 X	0.001411	0.001116	1.265	33	3.75	19.6	31.5
9F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001355	0.000977	1.387	40	3.75	5	31.5
9F RF	UDCon18	Combination	Min	Diaph D1 X	0.002466	0.002379	1.037	44	26.8	19.6	31.5
9F RF	UDCon19	Combination	Max	Diaph D1 X	0.001865	0.001526	1.222	33	3.75	19.6	31.5
9F RF	UDCon19	Combination	Max	Diaph D1 Y	0.0015	0.001116	1.344	40	3.75	5	31.5
9F RF	UDCon19	Combination	Min	Diaph D1 X	0.003814	0.003676	1.038	44	26.8	19.6	31.5
9F RF	UDCon20	Combination	Max	Diaph D1 X	0.002108	0.001681	1.254	33	3.75	19.6	31.5
9F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001467	0.001089	1.347	40	3.75	5	31.5
9F RF	UDCon20	Combination	Min	Diaph D1 X	0.003571	0.003522	1.014	44	26.8	19.6	31.5
8F RF	Dead	LinStatic		Diaph D1 X	0.000607	0.000508	1.193	43	26.8	5	28
8F RF	Dead	LinStatic		Diaph D1 Y	0.000364	0.000208	1.747	40	3.75	5	28
8F RF	Live	LinStatic		Diaph D1 X	9.7E-05	9.1E-05	1.058	42	24.7	5	28
8F RF	Live	LinStatic		Diaph D1 Y	4.6E-05	3.7E-05	1.229	40	3.75	5	28
8F RF	FF	LinStatic		Diaph D1 X	0.000254	0.000202	1.253	43	26.8	5	28
8F RF	FF	LinStatic		Diaph D1 Y	0.00021	0.000129	1.631	40	3.75	5	28
8F RF	PW	LinStatic		Diaph D1 X	0.000201	0.000151	1.329	43	26.8	5	28
8F RF	PW	LinStatic		Diaph D1 Y	0.000176	9.7E-05	1.815	40	3.75	5	28
8F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003789	0.003395	1.116	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003281	0.003106	1.057	43	26.8	5	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001618	0.001408	1.15	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.00062	0.00043	1.443	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002291	0.002154	1.063	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000567	0.000355	1.599	40	3.75	5	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002777	0.002577	1.077	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000719	0.000482	1.494	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002972	0.002691	1.105	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000682	0.000446	1.53	33	3.75	19.6	28
8F RF	UDCon11	Combination		Diaph D1 X	0.001433	0.001164	1.231	43	26.8	5	28
8F RF	UDCon11	Combination		Diaph D1 Y	0.001013	0.000586	1.728	40	3.75	5	28
8F RF	UDCon12	Combination		Diaph D1 X	0.001578	0.001301	1.213	43	26.8	5	28
8F RF	UDCon12	Combination		Diaph D1 Y	0.001081	0.000642	1.685	40	3.75	5	28
8F RF	UDCon13	Combination	Max	Diaph D1 X	0.00093	0.000518	1.794	33	3.75	19.6	28
8F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001383	0.000982	1.409	40	3.75	5	28
8F RF	UDCon13	Combination	Min	Diaph D1 X	0.00311	0.003044	1.021	42	24.7	5	28
8F RF	UDCon14	Combination	Max	Diaph D1 X	0.001602	0.001265	1.267	33	3.75	19.6	28
8F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001331	0.000889	1.498	40	3.75	5	28
8F RF	UDCon14	Combination	Min	Diaph D1 X	0.002313	0.002276	1.016	44	26.8	19.6	28
8F RF	UDCon15	Combination	Max	Diaph D1 X	0.002088	0.001688	1.237	33	3.75	19.6	28
8F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001483	0.00102	1.454	40	3.75	5	28
8F RF	UDCon15	Combination	Min	Diaph D1 X	0.003667	0.003582	1.024	44	26.8	19.6	28
8F RF	UDCon16	Combination	Max	Diaph D1 X	0.002283	0.001801	1.268	33	3.75	19.6	28
8F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001444	0.001014	1.425	40	3.75	5	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	UDCon16	Combination	Min	Diaph D1 X	0.003471	0.003464	1.002	44	26.8	19.6	28
8F RF	UDCon17	Combination	Max	Diaph D1 X	0.000956	0.000546	1.751	33	3.75	19.6	28
8F RF	UDCon17	Combination	Max	Diaph D1 Y	0.00137	0.00097	1.411	40	3.75	5	28
8F RF	UDCon17	Combination	Min	Diaph D1 X	0.003081	0.003017	1.021	42	24.7	5	28
8F RF	UDCon18	Combination	Max	Diaph D1 X	0.001628	0.001292	1.26	33	3.75	19.6	28
8F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001318	0.000877	1.502	40	3.75	5	28
8F RF	UDCon18	Combination	Min	Diaph D1 X	0.002287	0.002249	1.017	44	26.8	19.6	28
8F RF	UDCon19	Combination	Max	Diaph D1 X	0.002114	0.001715	1.233	33	3.75	19.6	28
8F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001469	0.001009	1.456	40	3.75	5	28
8F RF	UDCon19	Combination	Min	Diaph D1 X	0.003641	0.003555	1.024	44	26.8	19.6	28
8F RF	UDCon20	Combination	Max	Diaph D1 X	0.002309	0.001829	1.263	33	3.75	19.6	28
8F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001431	0.001002	1.428	40	3.75	5	28
8F RF	UDCon20	Combination	Min	Diaph D1 X	0.003445	0.003438	1.002	44	26.8	19.6	28
7F RF	Dead	LinStatic		Diaph D1 X	0.000555	0.000431	1.287	41	7	5	24.5
7F RF	Dead	LinStatic		Diaph D1 Y	0.000345	0.000147	2.355	40	3.75	5	24.5
7F RF	Live	LinStatic		Diaph D1 X	8.9E-05	8.1E-05	1.103	41	7	5	24.5
7F RF	Live	LinStatic		Diaph D1 Y	4.3E-05	3E-05	1.454	40	3.75	5	24.5
7F RF	FF	LinStatic		Diaph D1 X	0.000229	0.000158	1.447	41	7	5	24.5
7F RF	FF	LinStatic		Diaph D1 Y	0.0002	8.6E-05	2.328	40	3.75	5	24.5
7F RF	PW	LinStatic		Diaph D1 X	0.000181	0.000114	1.587	41	7	5	24.5
7F RF	PW	LinStatic		Diaph D1 Y	0.000168	6E-05	2.804	40	3.75	5	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003836	0.003433	1.118	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003238	0.003063	1.057	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001606	0.001412	1.138	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	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000611	0.00042	1.455	39	3.75	10	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002309	0.002178	1.06	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00056	0.00035	1.599	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002806	0.0026	1.079	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000717	0.000478	1.499	39	3.75	10	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002946	0.002667	1.105	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000674	0.000442	1.527	39	3.75	10	24.5
7F RF	UDCon11	Combination		Diaph D1 X	0.001304	0.000951	1.372	41	7	5	24.5
7F RF	UDCon11	Combination		Diaph D1 Y	0.000963	0.000395	2.439	40	3.75	5	24.5
7F RF	UDCon12	Combination		Diaph D1 X	0.001438	0.001072	1.341	41	7	5	24.5
7F RF	UDCon12	Combination		Diaph D1 Y	0.001027	0.000439	2.34	40	3.75	5	24.5
7F RF	UDCon13	Combination	Max	Diaph D1 X	0.001142	0.000683	1.672	32	11.4	19.6	24.5
7F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001337	0.000846	1.581	40	3.75	5	24.5
7F RF	UDCon13	Combination	Min	Diaph D1 X	0.003042	0.002907	1.046	42	24.7	5	24.5
7F RF	UDCon14	Combination	Max	Diaph D1 X	0.001844	0.00145	1.272	32	11.4	19.6	24.5
7F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001286	0.000755	1.703	40	3.75	5	24.5
7F RF	UDCon14	Combination	Min	Diaph D1 X	0.00221	0.00214	1.033	41	7	5	24.5
7F RF	UDCon14	Combination	Min	Diaph D1 Y	0.00062	0.000252	2.457	48	26.8	12	24.5
7F RF	UDCon15	Combination	Max	Diaph D1 X	0.002341	0.001871	1.251	32	11.4	19.6	24.5
7F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001443	0.000868	1.663	40	3.75	5	24.5
7F RF	UDCon15	Combination	Min	Diaph D1 X	0.003422	0.003399	1.007	44	26.8	19.6	24.5
7F RF	UDCon15	Combination	Min	Diaph D1 Y	0.000783	0.000364	2.15	48	26.8	12	24.5
7F RF	UDCon16	Combination	Max	Diaph D1 X	0.002481	0.001938	1.28	32	11.4	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	UDCon16	Combination	Max	Diaph D1 Y	0.0014	0.000899	1.556	40	3.75	5	24.5
7F RF	UDCon16	Combination	Min	Diaph D1 X	0.003389	0.003329	1.018	42	24.7	5	24.5
7F RF	UDCon17	Combination	Max	Diaph D1 X	0.001163	0.000707	1.645	32	11.4	19.6	24.5
7F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001324	0.000837	1.583	40	3.75	5	24.5
7F RF	UDCon17	Combination	Min	Diaph D1 X	0.003015	0.002883	1.046	42	24.7	5	24.5
7F RF	UDCon18	Combination	Max	Diaph D1 X	0.001866	0.001474	1.266	32	11.4	19.6	24.5
7F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001273	0.000746	1.707	40	3.75	5	24.5
7F RF	UDCon18	Combination	Min	Diaph D1 X	0.002183	0.002115	1.032	41	7	5	24.5
7F RF	UDCon18	Combination	Min	Diaph D1 Y	0.000625	0.000261	2.392	48	26.8	12	24.5
7F RF	UDCon19	Combination	Max	Diaph D1 X	0.002362	0.001895	1.246	32	11.4	19.6	24.5
7F RF	UDCon19	Combination	Max	Diaph D1 Y	0.00143	0.000859	1.665	40	3.75	5	24.5
7F RF	UDCon19	Combination	Min	Diaph D1 X	0.0034	0.003375	1.007	44	26.8	19.6	24.5
7F RF	UDCon19	Combination	Min	Diaph D1 Y	0.000788	0.000372	2.118	48	26.8	12	24.5
7F RF	UDCon20	Combination	Max	Diaph D1 X	0.002502	0.001962	1.276	32	11.4	19.6	24.5
7F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001387	0.000889	1.559	40	3.75	5	24.5
7F RF	UDCon20	Combination	Min	Diaph D1 X	0.003362	0.003305	1.017	42	24.7	5	24.5
6F RF	Dead	LinStatic		Diaph D1 X	0.000501	0.000345	1.452	41	7	5	21
6F RF	Dead	LinStatic		Diaph D1 Y	0.000325	7.5E-05	4.35	40	3.75	5	21
6F RF	Live	LinStatic		Diaph D1 X	8E-05	6.8E-05	1.174	41	7	5	21
6F RF	Live	LinStatic		Diaph D1 Y	4E-05	2.1E-05	1.926	40	3.75	5	21
6F RF	FF	LinStatic		Diaph D1 X	0.000204	0.000108	1.878	41	7	5	21
6F RF	FF	LinStatic		Diaph D1 Y	0.00019	3.6E-05	5.266	40	3.75	5	21
6F RF	PW	LinStatic		Diaph D1 X	0.000161	7.2E-05	2.227	41	7	5	21
6F RF	PW	LinStatic		Diaph D1 Y	0.000159	1.6E-05	9.673	40	3.75	5	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003835	0.003423	1.12	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003158	0.002988	1.057	43	26.8	5	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001574	0.001395	1.128	33	3.75	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000597	0.000407	1.466	39	3.75	10	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002313	0.002179	1.062	31	15.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000549	0.000345	1.593	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002797	0.002584	1.082	31	15.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000709	0.000471	1.507	39	3.75	10	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002877	0.002615	1.1	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000663	0.000435	1.524	39	3.75	10	21
6F RF	UDCon11	Combination		Diaph D1 X	0.001167	0.000709	1.646	41	7	5	21
6F RF	UDCon11	Combination		Diaph D1 Y	0.00091	0.000172	5.298	40	3.75	5	21
6F RF	UDCon12	Combination		Diaph D1 X	0.001288	0.000812	1.587	41	7	5	21
6F RF	UDCon12	Combination		Diaph D1 Y	0.00097	0.000203	4.777	40	3.75	5	21
6F RF	UDCon13	Combination	Max	Diaph D1 X	0.001371	0.000849	1.614	32	11.4	19.6	21
6F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001283	0.000683	1.879	40	3.75	5	21
6F RF	UDCon13	Combination	Min	Diaph D1 X	0.002933	0.002724	1.077	40	3.75	5	21
6F RF	UDCon13	Combination	Min	Diaph D1 Y	0.00076	0.000311	2.444	48	26.8	12	21
6F RF	UDCon14	Combination	Max	Diaph D1 X	0.002111	0.001633	1.293	32	11.4	19.6	21
6F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001234	0.000578	2.135	40	3.75	5	21
6F RF	UDCon14	Combination	Min	Diaph D1 X	0.002105	0.001941	1.085	41	7	5	21
6F RF	UDCon14	Combination	Min	Diaph D1 Y	0.000921	0.000416	2.215	48	26.8	12	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	0.002594	0.002039	1.272	32	11.4	19.6	21
6F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001395	0.000687	2.032	40	3.75	5	21
6F RF	UDCon15	Combination	Min	Diaph D1 X	0.003241	0.003161	1.026	41	7	5	21
6F RF	UDCon15	Combination	Min	Diaph D1 Y	0.00108	0.000528	2.046	48	26.8	12	21
6F RF	UDCon16	Combination	Max	Diaph D1 X	0.002674	0.002069	1.293	32	11.4	19.6	21
6F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001348	0.000765	1.763	40	3.75	5	21
6F RF	UDCon16	Combination	Min	Diaph D1 X	0.003261	0.00313	1.042	40	3.75	5	21
6F RF	UDCon16	Combination	Min	Diaph D1 Y	0.000816	0.000384	2.127	48	26.8	12	21
6F RF	UDCon17	Combination	Max	Diaph D1 X	0.001388	0.00087	1.596	32	11.4	19.6	21
6F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001271	0.000677	1.878	40	3.75	5	21
6F RF	UDCon17	Combination	Min	Diaph D1 X	0.002909	0.002704	1.076	40	3.75	5	21
6F RF	UDCon17	Combination	Min	Diaph D1 Y	0.00076	0.000317	2.397	48	26.8	12	21
6F RF	UDCon18	Combination	Max	Diaph D1 X	0.002127	0.001653	1.287	32	11.4	19.6	21
6F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001222	0.000572	2.138	40	3.75	5	21
6F RF	UDCon18	Combination	Min	Diaph D1 X	0.002081	0.00192	1.084	41	7	5	21
6F RF	UDCon18	Combination	Min	Diaph D1 Y	0.000922	0.000422	2.183	48	26.8	12	21
6F RF	UDCon19	Combination	Max	Diaph D1 X	0.002611	0.002059	1.268	32	11.4	19.6	21
6F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001383	0.000681	2.033	40	3.75	5	21
6F RF	UDCon19	Combination	Min	Diaph D1 X	0.003217	0.00314	1.025	41	7	5	21
6F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001081	0.000534	2.023	48	26.8	12	21
6F RF	UDCon20	Combination	Max	Diaph D1 X	0.002691	0.00209	1.288	32	11.4	19.6	21
6F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001336	0.000757	1.766	40	3.75	5	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	UDCon20	Combination	Min	Diaph D1 X	0.003237	0.00311	1.041	42	24.7	5	21
6F RF	UDCon20	Combination	Min	Diaph D1 Y	0.000817	0.000388	2.105	48	26.8	12	21
5F RF	Dead	LinStatic		Diaph D1 X	0.000438	0.000245	1.787	40	3.75	5	17.5
5F RF	Live	LinStatic		Diaph D1 X	7.1E-05	5.4E-05	1.298	40	3.75	5	17.5
5F RF	Live	LinStatic		Diaph D1 Y	3.7E-05	1.1E-05	3.359	40	3.75	5	17.5
5F RF	FF	LinStatic		Diaph D1 X	0.000174	5E-05	3.455	40	3.75	5	17.5
5F RF	FF	LinStatic		Diaph D1 Y	0.00022	2.1E-05	10.378	48	26.8	12	17.5
5F RF	PW	LinStatic		Diaph D1 X	0.000137	2.3E-05	5.91	40	3.75	5	17.5
5F RF	PW	LinStatic		Diaph D1 Y	0.000216	3.3E-05	6.488	48	26.8	12	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003776	0.00336	1.124	31	15.8	19.6	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.003027	0.002871	1.054	48	26.8	12	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001521	0.001357	1.121	31	15.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000577	0.000391	1.475	40	3.75	5	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00228	0.002142	1.065	32	11.4	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000533	0.000336	1.586	33	3.75	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002745	0.002527	1.086	32	11.4	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000696	0.000458	1.519	40	3.75	5	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002767	0.002533	1.092	31	15.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000656	0.000429	1.531	48	26.8	12	17.5
5F RF	UDCon11	Combination		Diaph D1 X	0.001011	0.00043	2.35	40	3.75	5	17.5
5F RF	UDCon11	Combination		Diaph D1 Y	0.00102	8.3E-05	12.213	48	26.8	12	17.5
5F RF	UDCon12	Combination		Diaph D1 X	0.001117	0.000512	2.182	40	3.75	5	17.5
5F RF	UDCon12	Combination		Diaph D1 Y	0.001042	6.7E-05	15.607	48	26.8	12	17.5
5F RF	UDCon13	Combination	Max	Diaph D1 X	0.001621	0.001022	1.586	32	11.4	19.6	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	UDCon13	Combination	Max	Diaph D1 Y	0.00122	0.000481	2.533	40	3.75	5	17.5
5F RF	UDCon13	Combination	Min	Diaph D1 X	0.002773	0.002477	1.12	40	3.75	5	17.5
5F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001087	0.000488	2.227	48	26.8	12	17.5
5F RF	UDCon14	Combination	Max	Diaph D1 X	0.00238	0.001807	1.317	32	11.4	19.6	17.5
5F RF	UDCon14	Combination	Max	Diaph D1 Y	0.001175	0.000371	3.165	40	3.75	5	17.5
5F RF	UDCon14	Combination	Min	Diaph D1 X	0.001963	0.001692	1.16	40	3.75	5	17.5
5F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001263	0.000598	2.11	48	26.8	12	17.5
5F RF	UDCon15	Combination	Max	Diaph D1 X	0.002845	0.002192	1.298	32	11.4	19.6	17.5
5F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001339	0.000477	2.809	40	3.75	5	17.5
5F RF	UDCon15	Combination	Min	Diaph D1 X	0.003069	0.002868	1.07	40	3.75	5	17.5
5F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001416	0.000709	1.996	48	26.8	12	17.5
5F RF	UDCon16	Combination	Max	Diaph D1 X	0.002867	0.002198	1.304	32	11.4	19.6	17.5
5F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001288	0.000592	2.175	40	3.75	5	17.5
5F RF	UDCon16	Combination	Min	Diaph D1 X	0.003079	0.002862	1.076	40	3.75	5	17.5
5F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001134	0.000594	1.911	48	26.8	12	17.5
5F RF	UDCon17	Combination	Max	Diaph D1 X	0.001632	0.001039	1.572	32	11.4	19.6	17.5
5F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001208	0.000478	2.528	40	3.75	5	17.5
5F RF	UDCon17	Combination	Min	Diaph D1 X	0.002752	0.002461	1.119	40	3.75	5	17.5
5F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001083	0.000491	2.203	48	26.8	12	17.5
5F RF	UDCon18	Combination	Max	Diaph D1 X	0.002392	0.001823	1.312	32	11.4	19.6	17.5
5F RF	UDCon18	Combination	Max	Diaph D1 Y	0.001164	0.000368	3.164	40	3.75	5	17.5
5F RF	UDCon18	Combination	Min	Diaph D1 X	0.001942	0.001676	1.159	40	3.75	5	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001258	0.000602	2.091	48	26.8	12	17.5
5F RF	UDCon19	Combination	Max	Diaph D1 X	0.002857	0.002208	1.294	32	11.4	19.6	17.5
5F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001327	0.000473	2.805	40	3.75	5	17.5
5F RF	UDCon19	Combination	Min	Diaph D1 X	0.003047	0.002851	1.069	40	3.75	5	17.5
5F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001412	0.000713	1.981	48	26.8	12	17.5
5F RF	UDCon20	Combination	Max	Diaph D1 X	0.002878	0.002214	1.3	32	11.4	19.6	17.5
5F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001277	0.000589	2.168	40	3.75	5	17.5
5F RF	UDCon20	Combination	Min	Diaph D1 X	0.003058	0.002846	1.074	40	3.75	5	17.5
5F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001113	0.000597	1.892	48	26.8	12	17.5
4F RF	Dead	LinStatic		Diaph D1 X	0.000357	0.000125	2.86	40	3.75	5	14
4F RF	Dead	LinStatic		Diaph D1 Y	0.000475	9.9E-05	4.813	48	26.8	12	14
4F RF	Live	LinStatic		Diaph D1 X	5.8E-05	3.8E-05	1.548	40	3.75	5	14
4F RF	FF	LinStatic		Diaph D1 X	0.000175	2.2E-05	8.01	32	11.4	19.6	14
4F RF	FF	LinStatic		Diaph D1 Y	0.000333	8.5E-05	3.914	48	26.8	12	14
4F RF	PW	LinStatic		Diaph D1 X	0.000178	3.8E-05	4.667	32	11.4	19.6	14
4F RF	PW	LinStatic		Diaph D1 Y	0.000315	8.9E-05	3.54	48	26.8	12	14
4F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003668	0.003249	1.129	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002906	0.002745	1.059	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001452	0.001301	1.117	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000551	0.000371	1.487	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002212	0.002069	1.069	32	11.4	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000512	0.000325	1.577	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002654	0.002438	1.089	31	15.8	19.6	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000676	0.000442	1.529	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002638	0.002421	1.089	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000649	0.000423	1.534	44	26.8	19.6	14
4F RF	UDCon11	Combination		Diaph D1 X	0.000797	8.8E-05	9.091	40	3.75	5	14
4F RF	UDCon11	Combination		Diaph D1 Y	0.001518	0.000369	4.117	48	26.8	12	14
4F RF	UDCon12	Combination		Diaph D1 X	0.000884	0.000144	6.132	40	3.75	5	14
4F RF	UDCon12	Combination		Diaph D1 Y	0.001568	0.000368	4.259	48	26.8	12	14
4F RF	UDCon13	Combination	Max	Diaph D1 X	0.001906	0.001224	1.558	31	15.8	19.6	14
4F RF	UDCon13	Combination	Max	Diaph D1 Y	0.001139	0.000252	4.518	40	3.75	5	14
4F RF	UDCon13	Combination	Min	Diaph D1 X	0.002534	0.002145	1.181	40	3.75	5	14
4F RF	UDCon13	Combination	Min	Diaph D1 Y	0.001449	0.000686	2.113	48	26.8	12	14
4F RF	UDCon14	Combination	Max	Diaph D1 X	0.002667	0.001993	1.338	32	11.4	19.6	14
4F RF	UDCon14	Combination	Min	Diaph D1 X	0.001757	0.001376	1.277	40	3.75	5	14
4F RF	UDCon14	Combination	Min	Diaph D1 Y	0.001634	0.000798	2.047	48	26.8	12	14
4F RF	UDCon15	Combination	Max	Diaph D1 X	0.00311	0.002362	1.316	31	15.8	19.6	14
4F RF	UDCon15	Combination	Max	Diaph D1 Y	0.001263	0.000239	5.293	40	3.75	5	14
4F RF	UDCon15	Combination	Min	Diaph D1 X	0.002813	0.002495	1.127	40	3.75	5	14
4F RF	UDCon15	Combination	Min	Diaph D1 Y	0.001781	0.000907	1.963	48	26.8	12	14
4F RF	UDCon16	Combination	Max	Diaph D1 X	0.00309	0.002344	1.319	31	15.8	19.6	14
4F RF	UDCon16	Combination	Max	Diaph D1 Y	0.00121	0.000361	3.348	40	3.75	5	14
4F RF	UDCon16	Combination	Min	Diaph D1 X	0.00283	0.002514	1.126	40	3.75	5	14
4F RF	UDCon16	Combination	Min	Diaph D1 Y	0.001483	0.000784	1.89	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	UDCon17	Combination	Max	Diaph D1 X	0.001911	0.001235	1.547	31	15.8	19.6	14
4F RF	UDCon17	Combination	Max	Diaph D1 Y	0.001129	0.000252	4.479	40	3.75	5	14
4F RF	UDCon17	Combination	Min	Diaph D1 X	0.002517	0.002134	1.179	40	3.75	5	14
4F RF	UDCon17	Combination	Min	Diaph D1 Y	0.001439	0.000686	2.098	48	26.8	12	14
4F RF	UDCon18	Combination	Max	Diaph D1 X	0.002672	0.002004	1.333	32	11.4	19.6	14
4F RF	UDCon18	Combination	Min	Diaph D1 X	0.001739	0.001364	1.275	40	3.75	5	14
4F RF	UDCon18	Combination	Min	Diaph D1 Y	0.001624	0.000798	2.035	48	26.8	12	14
4F RF	UDCon19	Combination	Max	Diaph D1 X	0.003115	0.002373	1.312	31	15.8	19.6	14
4F RF	UDCon19	Combination	Max	Diaph D1 Y	0.001252	0.000238	5.253	40	3.75	5	14
4F RF	UDCon19	Combination	Min	Diaph D1 X	0.002795	0.002484	1.125	40	3.75	5	14
4F RF	UDCon19	Combination	Min	Diaph D1 Y	0.001771	0.000908	1.952	48	26.8	12	14
4F RF	UDCon20	Combination	Max	Diaph D1 X	0.003095	0.002355	1.314	31	15.8	19.6	14
4F RF	UDCon20	Combination	Max	Diaph D1 Y	0.0012	0.000361	3.321	40	3.75	5	14
4F RF	UDCon20	Combination	Min	Diaph D1 X	0.002813	0.002503	1.124	40	3.75	5	14
4F RF	UDCon20	Combination	Min	Diaph D1 Y	0.001473	0.000785	1.877	48	26.8	12	14
3F RF	Dead	LinStatic		Diaph D1 X	0.000369	5.6E-05	6.65	44	26.8	19.6	10.5
3F RF	Dead	LinStatic		Diaph D1 Y	0.000733	0.000239	3.065	45	26.8	14.8	10.5
3F RF	Live	LinStatic		Diaph D1 X	4.3E-05	1.4E-05	3.121	43	26.8	5	10.5
3F RF	Live	LinStatic		Diaph D1 Y	6.2E-05	1.6E-05	3.952	45	26.8	14.8	10.5
3F RF	FF	LinStatic		Diaph D1 X	0.00035	0.000137	2.561	44	26.8	19.6	10.5
3F RF	FF	LinStatic		Diaph D1 Y	0.000521	0.000185	2.816	45	26.8	14.8	10.5
3F RF	PW	LinStatic		Diaph D1 X	0.00033	0.000137	2.412	44	26.8	19.6	10.5
3F RF	PW	LinStatic		Diaph D1 Y	0.000481	0.000177	2.721	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	Earthquake+x	LinStatic		Diaph D1 X	0.003515	0.003059	1.149	44	26.8	19.6	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002613	0.002504	1.044	47	26.8	10	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.001371	0.001215	1.129	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000517	0.000348	1.486	33	3.75	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00212	0.001964	1.079	33	3.75	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000483	0.000304	1.586	39	3.75	10	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002536	0.002299	1.103	11	7	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000645	0.000415	1.555	33	3.75	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002512	0.002268	1.108	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000653	0.000415	1.576	45	26.8	14.8	10.5
3F RF	UDCon11	Combination		Diaph D1 X	0.001417	0.000444	3.189	44	26.8	19.6	10.5
3F RF	UDCon11	Combination		Diaph D1 Y	0.002343	0.000811	2.887	45	26.8	14.8	10.5
3F RF	UDCon12	Combination		Diaph D1 X	0.00144	0.000423	3.401	44	26.8	19.6	10.5
3F RF	UDCon12	Combination		Diaph D1 Y	0.002436	0.000835	2.917	45	26.8	14.8	10.5
3F RF	UDCon13	Combination	Max	Diaph D1 X	0.002426	0.00154	1.575	44	26.8	19.6	10.5
3F RF	UDCon13	Combination	Min	Diaph D1 X	0.002213	0.001638	1.351	43	26.8	5	10.5
3F RF	UDCon13	Combination	Min	Diaph D1 Y	0.00208	0.001009	2.062	45	26.8	14.8	10.5
3F RF	UDCon14	Combination	Max	Diaph D1 X	0.003172	0.002288	1.386	44	26.8	19.6	10.5
3F RF	UDCon14	Combination	Min	Diaph D1 X	0.001464	0.00089	1.644	43	26.8	5	10.5
3F RF	UDCon14	Combination	Min	Diaph D1 Y	0.002254	0.001114	2.023	45	26.8	14.8	10.5
3F RF	UDCon15	Combination	Max	Diaph D1 X	0.00359	0.002624	1.368	44	26.8	19.6	10.5
3F RF	UDCon15	Combination	Min	Diaph D1 X	0.002433	0.001945	1.251	40	3.75	5	10.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
3F RF	UDCon15	Combination	Min	Diaph D1 Y	0.002407	0.001229	1.959	45	26.8	14.8	10.5
3F RF	UDCon16	Combination	Max	Diaph D1 X	0.003566	0.002594	1.375	44	26.8	19.6	10.5
3F RF	UDCon16	Combination	Min	Diaph D1 X	0.002466	0.001974	1.25	43	26.8	5	10.5
3F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002086	0.001093	1.908	45	26.8	14.8	10.5
3F RF	UDCon17	Combination	Max	Diaph D1 X	0.002421	0.001544	1.568	44	26.8	19.6	10.5
3F RF	UDCon17	Combination	Min	Diaph D1 X	0.0022	0.001634	1.346	43	26.8	5	10.5
3F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002062	0.001004	2.053	45	26.8	14.8	10.5
3F RF	UDCon18	Combination	Max	Diaph D1 X	0.003167	0.002292	1.382	44	26.8	19.6	10.5
3F RF	UDCon18	Combination	Min	Diaph D1 X	0.001451	0.000886	1.637	43	26.8	5	10.5
3F RF	UDCon18	Combination	Min	Diaph D1 Y	0.002235	0.001109	2.015	45	26.8	14.8	10.5
3F RF	UDCon19	Combination	Max	Diaph D1 X	0.003585	0.002628	1.364	44	26.8	19.6	10.5
3F RF	UDCon19	Combination	Min	Diaph D1 X	0.002421	0.001941	1.247	40	3.75	5	10.5
3F RF	UDCon19	Combination	Min	Diaph D1 Y	0.002389	0.001224	1.951	45	26.8	14.8	10.5
3F RF	UDCon20	Combination	Max	Diaph D1 X	0.003561	0.002598	1.371	44	26.8	19.6	10.5
3F RF	UDCon20	Combination	Min	Diaph D1 X	0.002453	0.00197	1.246	43	26.8	5	10.5
3F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002068	0.001089	1.899	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		Diaph D1 X	0.000611	0.000206	2.965	44	26.8	19.6	7
2F RF	Dead	LinStatic		Diaph D1 Y	0.00107	0.000392	2.727	45	26.8	14.8	7
2F RF	Live	LinStatic		Diaph D1 X	4.5E-05	6E-06	7.94	33	3.75	19.6	7
2F RF	Live	LinStatic		Diaph D1 Y	9.9E-05	3.3E-05	3.044	45	26.8	14.8	7
2F RF	FF	LinStatic		Diaph D1 X	0.000522	0.000233	2.235	44	26.8	19.6	7
2F RF	FF	LinStatic		Diaph D1 Y	0.000767	0.000293	2.619	45	26.8	14.8	7
2F RF	PW	LinStatic		Diaph D1 X	0.000481	0.000221	2.179	44	26.8	19.6	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	PW	LinStatic		Diaph D1 Y	0.000699	0.000272	2.571	45	26.8	14.8	7
2F RF	Earthquake+x	LinStatic		Diaph D1 X	0.003548	0.002878	1.233	44	26.8	19.6	7
2F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.002669	0.002404	1.111	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00136	0.001136	1.198	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.00054	0.000347	1.555	48	26.8	12	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.002126	0.001846	1.152	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000437	0.000278	1.571	40	3.75	5	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.002536	0.002149	1.18	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000584	0.000379	1.54	40	3.75	5	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.002507	0.002115	1.185	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000694	0.000427	1.625	43	26.8	5	7
2F RF	UDCon11	Combination		Diaph D1 X	0.002178	0.000891	2.444	44	26.8	19.6	7
2F RF	UDCon11	Combination		Diaph D1 Y	0.003423	0.001292	2.65	45	26.8	14.8	7
2F RF	UDCon12	Combination		Diaph D1 X	0.002245	0.0009	2.496	44	26.8	19.6	7
2F RF	UDCon12	Combination		Diaph D1 Y	0.003572	0.001341	2.664	45	26.8	14.8	7
2F RF	UDCon13	Combination	Max	Diaph D1 X	0.002987	0.001798	1.661	44	26.8	19.6	7
2F RF	UDCon13	Combination	Max	Diaph D1 Y	0.002043	0.000478	4.277	45	26.8	14.8	7
2F RF	UDCon13	Combination	Min	Diaph D1 X	0.001903	0.001199	1.588	27	17.9	5	7
2F RF	UDCon13	Combination	Min	Diaph D1 Y	0.002914	0.001353	2.155	45	26.8	14.8	7
2F RF	UDCon14	Combination	Max	Diaph D1 X	0.003753	0.002509	1.496	44	26.8	19.6	7
2F RF	UDCon14	Combination	Max	Diaph D1 Y	0.002216	0.000581	3.817	45	26.8	14.8	7
2F RF	UDCon14	Combination	Min	Diaph D1 X	0.001215	0.000474	2.562	43	26.8	5	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	UDCon14	Combination	Min	Diaph D1 Y	0.003087	0.001455	2.121	45	26.8	14.8	7
2F RF	UDCon15	Combination	Max	Diaph D1 X	0.004163	0.002813	1.48	44	26.8	19.6	7
2F RF	UDCon15	Combination	Max	Diaph D1 Y	0.002184	0.00049	4.456	45	26.8	14.8	7
2F RF	UDCon15	Combination	Min	Diaph D1 X	0.002065	0.001472	1.402	27	17.9	5	7
2F RF	UDCon15	Combination	Min	Diaph D1 Y	0.003246	0.00157	2.067	45	26.8	14.8	7
2F RF	UDCon16	Combination	Max	Diaph D1 X	0.004134	0.002778	1.488	44	26.8	19.6	7
2F RF	UDCon16	Combination	Max	Diaph D1 Y	0.001884	0.000363	5.194	45	26.8	14.8	7
2F RF	UDCon16	Combination	Min	Diaph D1 X	0.002112	0.001511	1.398	27	17.9	5	7
2F RF	UDCon16	Combination	Min	Diaph D1 Y	0.002946	0.001443	2.042	45	26.8	14.8	7
2F RF	UDCon17	Combination	Max	Diaph D1 X	0.002974	0.001796	1.656	44	26.8	19.6	7
2F RF	UDCon17	Combination	Max	Diaph D1 Y	0.002014	0.000468	4.303	45	26.8	14.8	7
2F RF	UDCon17	Combination	Min	Diaph D1 X	0.001895	0.001201	1.577	27	17.9	5	7
2F RF	UDCon17	Combination	Min	Diaph D1 Y	0.002885	0.001343	2.148	45	26.8	14.8	7
2F RF	UDCon18	Combination	Max	Diaph D1 X	0.00374	0.002508	1.491	44	26.8	19.6	7
2F RF	UDCon18	Combination	Max	Diaph D1 Y	0.002186	0.000571	3.83	45	26.8	14.8	7
2F RF	UDCon18	Combination	Min	Diaph D1 X	0.001205	0.000476	2.532	43	26.8	5	7
2F RF	UDCon18	Combination	Min	Diaph D1 Y	0.003057	0.001446	2.115	45	26.8	14.8	7
2F RF	UDCon19	Combination	Max	Diaph D1 X	0.00415	0.002811	1.476	44	26.8	19.6	7
2F RF	UDCon19	Combination	Max	Diaph D1 Y	0.002154	0.00048	4.485	45	26.8	14.8	7
2F RF	UDCon19	Combination	Min	Diaph D1 X	0.002056	0.001475	1.394	27	17.9	5	7
2F RF	UDCon19	Combination	Min	Diaph D1 Y	0.003216	0.001561	2.061	45	26.8	14.8	7
2F RF	UDCon20	Combination	Max	Diaph D1 X	0.00412	0.002777	1.484	44	26.8	19.6	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	UDCon20	Combination	Max	Diaph D1 Y	0.001855	0.000353	5.254	45	26.8	14.8	7
2F RF	UDCon20	Combination	Min	Diaph D1 X	0.002104	0.001513	1.39	27	17.9	5	7
2F RF	UDCon20	Combination	Min	Diaph D1 Y	0.002917	0.001433	2.035	45	26.8	14.8	7
1F RF	Dead	LinStatic		Diaph D1 X	0.001638	0.000566	2.894	38	3.75	14.8	3.5
1F RF	Dead	LinStatic		Diaph D1 Y	0.001071	0.000182	5.897	44	26.8	19.6	3.5
1F RF	Live	LinStatic		Diaph D1 X	0.000306	9.1E-05	3.382	38	3.75	14.8	3.5
1F RF	Live	LinStatic		Diaph D1 Y	0.000163	1.3E-05	12.651	26	11.4	5	3.5
1F RF	FF	LinStatic		Diaph D1 X	0.001154	0.000388	2.972	38	3.75	14.8	3.5
1F RF	FF	LinStatic		Diaph D1 Y	0.000772	0.000121	6.376	44	26.8	19.6	3.5
1F RF	PW	LinStatic		Diaph D1 X	0.00092	0.000316	2.907	38	3.75	14.8	3.5
1F RF	PW	LinStatic		Diaph D1 Y	0.000701	0.000148	4.749	44	26.8	19.6	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 X	0.024286	0.013014	1.866	57	22.6	5.35	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 X	0.005288	0.001477	3.581	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.026541	0.014165	1.874	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.012497	0.006603	1.893	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.004459	0.002378	1.875	35	11.4	10	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.023103	0.012177	1.897	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.007021	0.003585	1.958	35	11.4	10	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.026258	0.013819	1.9	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.006175	0.003183	1.94	34	11.4	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.021439	0.011399	1.881	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.005729	0.003048	1.88	35	11.4	10	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	UDCon11	Combination		Diaph D1 X	0.005011	0.001716	2.921	38	3.75	14.8	3.5
1F RF	UDCon11	Combination		Diaph D1 Y	0.003435	0.000608	5.65	44	26.8	19.6	3.5
1F RF	UDCon12	Combination		Diaph D1 X	0.005471	0.001852	2.955	38	3.75	14.8	3.5
1F RF	UDCon12	Combination		Diaph D1 Y	0.003589	0.000563	6.378	44	26.8	19.6	3.5
1F RF	UDCon13	Combination	Max	Diaph D1 X	0.012377	0.006439	1.922	57	22.6	5.35	3.5
1F RF	UDCon13	Combination	Max	Diaph D1 Y	0.004701	0.001975	2.381	26	11.4	5	3.5
1F RF	UDCon13	Combination	Min	Diaph D1 X	0.023223	0.011872	1.956	57	22.6	5.35	3.5
1F RF	UDCon13	Combination	Min	Diaph D1 Y	0.007145	0.003312	2.157	35	11.4	10	3.5
1F RF	UDCon14	Combination	Max	Diaph D1 X	0.022983	0.012307	1.868	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Max	Diaph D1 Y	0.006896	0.002718	2.537	35	11.4	10	3.5
1F RF	UDCon14	Combination	Min	Diaph D1 X	0.012617	0.006298	2.003	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Min	Diaph D1 Y	0.005025	0.002409	2.086	44	26.8	19.6	3.5
1F RF	UDCon15	Combination	Max	Diaph D1 X	0.026138	0.014027	1.863	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Max	Diaph D1 Y	0.00602	0.002395	2.513	35	11.4	10	3.5
1F RF	UDCon15	Combination	Min	Diaph D1 X	0.021559	0.011094	1.943	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Min	Diaph D1 Y	0.005855	0.002886	2.029	34	11.4	14.8	3.5
1F RF	UDCon16	Combination	Max	Diaph D1 X	0.021319	0.011447	1.862	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Max	Diaph D1 Y	0.005605	0.00251	2.233	35	11.4	10	3.5
1F RF	UDCon16	Combination	Min	Diaph D1 X	0.026378	0.013515	1.952	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Min	Diaph D1 Y	0.006333	0.003089	2.05	34	11.4	14.8	3.5
1F RF	UDCon17	Combination	Max	Diaph D1 X	0.012384	0.00645	1.92	57	22.6	5.35	3.5
1F RF	UDCon17	Combination	Max	Diaph D1 Y	0.004652	0.00196	2.373	26	11.4	5	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	Min	Diaph D1 X	0.023216	0.011871	1.956	57	22.6	5.35	3.5
1F RF	UDCon17	Combination	Min	Diaph D1 Y	0.007143	0.003321	2.151	35	11.4	10	3.5
1F RF	UDCon18	Combination	Max	Diaph D1 X	0.022989	0.012318	1.866	57	22.6	5.35	3.5
1F RF	UDCon18	Combination	Max	Diaph D1 Y	0.006899	0.002732	2.525	35	11.4	10	3.5
1F RF	UDCon18	Combination	Min	Diaph D1 X	0.01261	0.006297	2.002	57	22.6	5.35	3.5
1F RF	UDCon18	Combination	Min	Diaph D1 Y	0.004994	0.0024	2.081	44	26.8	19.6	3.5
1F RF	UDCon19	Combination	Max	Diaph D1 X	0.026145	0.014038	1.862	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Max	Diaph D1 Y	0.006023	0.002412	2.497	34	11.4	14.8	3.5
1F RF	UDCon19	Combination	Min	Diaph D1 X	0.021553	0.011093	1.943	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Min	Diaph D1 Y	0.005851	0.002894	2.022	35	11.4	10	3.5
1F RF	UDCon20	Combination	Max	Diaph D1 X	0.021326	0.011458	1.861	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Max	Diaph D1 Y	0.005607	0.002521	2.224	35	11.4	10	3.5
1F RF	UDCon20	Combination	Min	Diaph D1 X	0.026371	0.013514	1.951	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Min	Diaph D1 Y	0.006328	0.003097	2.044	34	11.4	14.8	3.5

Table 3.5 - Diaphragm Accelerations

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec ²	UY mm/sec ²	UZ mm/sec ²	RX rad/sec ²	RY rad/sec ²	RZ rad/sec ²
14	D1	TH-X Load Case	LinModHist	Max	2065.9	512.75	176.32	0.039	0.042	0.033
14	D1	TH-X Load Case	LinModHist	Min	-1645.67	-411.52	-146.14	-0.047	-0.048	-0.039
14	D1	TH-Y Load Case	LinModHist	Max	1636.15	414.17	172.83	0.04	0.07	0.039
14	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-487.8	-216.29	-0.039	-0.044	-0.037
13	D1	TH-X Load Case	LinModHist	Max	2065.9	460.66	172.36	0.041	0.043	0.03
13	D1	TH-X Load Case	LinModHist	Min	-1645.67	-357.62	-142.54	-0.047	-0.049	-0.036
13	D1	TH-Y Load Case	LinModHist	Max	1636.15	389.99	167.23	0.039	0.068	0.036
13	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-451.35	-210.43	-0.038	-0.042	-0.035
12F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	408.21	163.34	0.042	0.042	0.026
12F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-334.77	-139.82	-0.046	-0.049	-0.035
12F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	381.8	157.43	0.036	0.063	0.034
12F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-413.75	-196.96	-0.035	-0.04	-0.032
11F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	355.82	149.37	0.043	0.04	0.022

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
11F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-311.32	-132.88	-0.045	-0.048	-0.034
11F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	371.94	144.15	0.03	0.057	0.031
11F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-375.43	-176.66	-0.032	-0.037	-0.029
10F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	323.29	137.92	0.044	0.038	0.019
10F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-287.46	-129.75	-0.043	-0.045	-0.033
10F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	357.09	132.56	0.029	0.056	0.028
10F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-337.37	-173.47	-0.032	-0.033	-0.025
9F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	381.34	137.82	0.044	0.037	0.018
9F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-265.05	-135.21	-0.04	-0.042	-0.033
9F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	337.09	130.04	0.03	0.056	0.025
9F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-301.2	-175.93	-0.031	-0.032	-0.024
8F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	444.36	152.87	0.042	0.036	0.022
8F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-285.82	-139.18	-0.037	-0.041	-0.033
8F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	337.98	123.54	0.032	0.055	0.023
8F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-268.89	-170.33	-0.031	-0.031	-0.025
7F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	503.74	163.69	0.04	0.035	0.025
7F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-310.41	-137.34	-0.037	-0.039	-0.036
7F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	351.83	120.56	0.032	0.05	0.021
7F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-241.05	-156.71	-0.029	-0.03	-0.026
6F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	559.01	167.79	0.037	0.033	0.027
6F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-329.99	-130.21	-0.037	-0.036	-0.039
6F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	378.55	124.61	0.031	0.043	0.02
6F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-249.58	-154.97	-0.027	-0.03	-0.027
5F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	609.79	165.19	0.034	0.029	0.028
5F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-345.17	-119.25	-0.036	-0.034	-0.041
5F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	402.59	120.42	0.029	0.044	0.024
5F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-291.39	-166.07	-0.026	-0.029	-0.028
4F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	655.86	156.86	0.03	0.028	0.03
4F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-360.95	-106.43	-0.034	-0.032	-0.044
4F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	423.73	110.64	0.03	0.045	0.028
4F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-329.11	-171.78	-0.027	-0.029	-0.029
3F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	697.06	145.11	0.026	0.026	0.031
3F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-386.25	-94.08	-0.031	-0.028	-0.046
3F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	442.1	108.18	0.03	0.045	0.031
3F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-361.99	-171.69	-0.027	-0.03	-0.03
2F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	695.6	110.06	0.021	0.024	0.033
2F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-408.37	-73.93	-0.027	-0.025	-0.048
2F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	434.47	92.41	0.03	0.043	0.033
2F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-390.02	-140.74	-0.027	-0.029	-0.031
1F RF	D1	TH-X Load Case	LinModHist	Max	2065.9	724.58	107.74	0.019	0.074	0.036
1F RF	D1	TH-X Load Case	LinModHist	Min	-1645.67	-446.58	-74.81	-0.023	-0.068	-0.05
1F RF	D1	TH-Y Load Case	LinModHist	Max	1636.15	446.47	92.29	0.026	0.069	0.035
1F RF	D1	TH-Y Load Case	LinModHist	Min	-1922.3	-413.93	-139.69	-0.023	-0.062	-0.032
Base	D1	TH-X Load Case	LinModHist	Max	635.39	204.04	5.85	0.015	0.064	0.071
Base	D1	TH-X Load Case	LinModHist	Min	-651.71	-216.97	-7.8	-0.015	-0.06	-0.073

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
Base	D1	TH-Y Load Case	LinModHist	Max	894.5	208.25	9.05	0.015	0.063	0.067
Base	D1	TH-Y Load Case	LinModHist	Min	-884.8	-213.73	-7.04	-0.015	-0.058	-0.061

3.2 Story Results

Table 3.6 - Story Max Over Avg Displacements

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	Dead	LinStatic		X	25.373	18.851	1.346
14	Dead	LinStatic		Y	16.575	6.288	2.636
13	Dead	LinStatic		X	22.64	16.163	1.401
13	Dead	LinStatic		Y	15.06	4.844	3.109
12F RF	Dead	LinStatic		X	19.954	13.548	1.473
12F RF	Dead	LinStatic		Y	13.571	3.464	3.918
11F RF	Dead	LinStatic		X	17.342	11.039	1.571
11F RF	Dead	LinStatic		Y	12.115	2.168	5.588
10F RF	Dead	LinStatic		X	14.824	8.667	1.71
10F RF	Dead	LinStatic		Y	10.697	0.978	10.942
9F RF	Dead	LinStatic		X	12.421	6.461	1.922
8F RF	Dead	LinStatic		X	10.152	4.454	2.279
8F RF	Dead	LinStatic		Y	10.005	0.999	10.015
7F RF	Dead	LinStatic		X	8.039	2.678	3.002
7F RF	Dead	LinStatic		Y	10.23	1.738	5.886
6F RF	Dead	LinStatic		X	6.098	1.167	5.225
6F RF	Dead	LinStatic		Y	10.127	2.275	4.452
5F RF	Dead	LinStatic		Y	9.642	2.577	3.742
4F RF	Dead	LinStatic		X	4.668	0.904	5.166
4F RF	Dead	LinStatic		Y	8.689	2.596	3.347
3F RF	Dead	LinStatic		X	4.311	1.317	3.274
3F RF	Dead	LinStatic		Y	7.108	2.257	3.149
2F RF	Dead	LinStatic		X	3.179	1.19	2.671
2F RF	Dead	LinStatic		Y	4.601	1.43	3.218
1F RF	Dead	LinStatic		X	1.236	0.31	3.986
1F RF	Dead	LinStatic		Y	2.008	0.492	4.084
Base	Dead	LinStatic		X	1.677	1.539	1.09
Base	Dead	LinStatic		Y	0.835	0.672	1.244
14	Live	LinStatic		X	4.086	3.629	1.126
14	Live	LinStatic		Y	2.038	1.317	1.547
13	Live	LinStatic		X	3.654	3.18	1.149
13	Live	LinStatic		Y	1.846	1.099	1.679
12F RF	Live	LinStatic		X	3.229	2.742	1.178
12F RF	Live	LinStatic		Y	1.657	0.889	1.863
11F RF	Live	LinStatic		X	2.815	2.319	1.214
11F RF	Live	LinStatic		Y	1.473	0.69	2.135
10F RF	Live	LinStatic		X	2.416	1.915	1.262
10F RF	Live	LinStatic		Y	1.294	0.504	2.569

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
9F RF	Live	LinStatic		X	2.034	1.534	1.325
9F RF	Live	LinStatic		Y	1.121	0.333	3.366
8F RF	Live	LinStatic		X	1.672	1.182	1.415
8F RF	Live	LinStatic		Y	0.955	0.181	5.279
7F RF	Live	LinStatic		X	1.334	0.862	1.548
6F RF	Live	LinStatic		X	1.023	0.58	1.765
5F RF	Live	LinStatic		X	0.744	0.34	2.184
5F RF	Live	LinStatic		Y	0.782	0.132	5.903
4F RF	Live	LinStatic		X	0.502	0.151	3.33
4F RF	Live	LinStatic		Y	0.746	0.176	4.245
3F RF	Live	LinStatic		X	0.304	0.021	14.177
3F RF	Live	LinStatic		Y	0.638	0.177	3.603
2F RF	Live	LinStatic		X	0.228	0.036	6.298
2F RF	Live	LinStatic		Y	0.427	0.123	3.467
1F RF	Live	LinStatic		Y	0.209	0.058	3.604
Base	Live	LinStatic		X	0.218	0.197	1.102
Base	Live	LinStatic		Y	0.144	0.12	1.198
14	FF	LinStatic		X	10.139	6.312	1.606
14	FF	LinStatic		Y	9.653	3.614	2.671
13	FF	LinStatic		X	8.967	5.088	1.762
13	FF	LinStatic		Y	8.789	2.669	3.293
12F RF	FF	LinStatic		X	7.817	3.906	2.001
12F RF	FF	LinStatic		Y	7.94	1.767	4.492
11F RF	FF	LinStatic		X	6.701	2.785	2.406
11F RF	FF	LinStatic		Y	7.107	0.924	7.691
10F RF	FF	LinStatic		X	5.629	1.739	3.236
9F RF	FF	LinStatic		X	4.61	0.788	5.85
9F RF	FF	LinStatic		Y	6.567	0.529	12.407
8F RF	FF	LinStatic		Y	6.969	1.108	6.287
7F RF	FF	LinStatic		X	4.289	0.758	5.662
7F RF	FF	LinStatic		Y	7.164	1.567	4.573
6F RF	FF	LinStatic		X	4.599	1.313	3.503
6F RF	FF	LinStatic		Y	7.124	1.885	3.779
5F RF	FF	LinStatic		X	4.663	1.699	2.745
5F RF	FF	LinStatic		Y	6.808	2.039	3.338
4F RF	FF	LinStatic		X	4.435	1.869	2.373
4F RF	FF	LinStatic		Y	6.153	1.996	3.082
3F RF	FF	LinStatic		X	3.835	1.769	2.168
3F RF	FF	LinStatic		Y	5.044	1.701	2.965
2F RF	FF	LinStatic		X	2.717	1.339	2.029
2F RF	FF	LinStatic		Y	3.264	1.062	3.074
1F RF	FF	LinStatic		X	1.063	0.401	2.65
1F RF	FF	LinStatic		Y	1.418	0.344	4.122
Base	FF	LinStatic		X	1.061	0.98	1.082
Base	FF	LinStatic		Y	0.33	0.235	1.404

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	PW	LinStatic		X	7.955	4.355	1.827
14	PW	LinStatic		Y	8.098	2.416	3.352
13	PW	LinStatic		X	7.022	3.393	2.07
13	PW	LinStatic		Y	7.377	1.65	4.472
12F RF	PW	LinStatic		X	6.107	2.466	2.476
12F RF	PW	LinStatic		Y	6.667	0.921	7.238
11F RF	PW	LinStatic		X	5.219	1.589	3.284
11F RF	PW	LinStatic		Y	5.972	0.243	24.605
10F RF	PW	LinStatic		X	4.366	0.777	5.621
10F RF	PW	LinStatic		Y	6.04	0.373	16.191
9F RF	PW	LinStatic		Y	6.463	0.913	7.077
8F RF	PW	LinStatic		X	3.991	0.596	6.698
8F RF	PW	LinStatic		Y	6.731	1.364	4.936
7F RF	PW	LinStatic		X	4.349	1.124	3.869
7F RF	PW	LinStatic		Y	6.82	1.71	3.989
6F RF	PW	LinStatic		X	4.517	1.525	2.963
6F RF	PW	LinStatic		Y	6.703	1.935	3.464
5F RF	PW	LinStatic		X	4.475	1.783	2.51
5F RF	PW	LinStatic		Y	6.346	2.018	3.145
4F RF	PW	LinStatic		X	4.184	1.858	2.252
4F RF	PW	LinStatic		Y	5.693	1.929	2.951
3F RF	PW	LinStatic		X	3.574	1.704	2.097
3F RF	PW	LinStatic		Y	4.641	1.621	2.863
2F RF	PW	LinStatic		X	2.511	1.267	1.982
2F RF	PW	LinStatic		Y	2.997	1.01	2.968
1F RF	PW	LinStatic		X	0.987	0.391	2.522
1F RF	PW	LinStatic		Y	1.295	0.33	3.924
Base	PW	LinStatic		X	0.905	0.837	1.082
Base	PW	LinStatic		Y	0.308	0.227	1.357
14	Earthquake+x	LinStatic		X	357.859	299.342	1.195
13	Earthquake+x	LinStatic		X	347.442	290.045	1.198
12F RF	Earthquake+x	LinStatic		X	336.481	280.25	1.201
11F RF	Earthquake+x	LinStatic		X	324.964	269.941	1.204
10F RF	Earthquake+x	LinStatic		X	312.911	259.137	1.208
9F RF	Earthquake+x	LinStatic		X	300.364	247.884	1.212
8F RF	Earthquake+x	LinStatic		X	287.405	236.261	1.216
7F RF	Earthquake+x	LinStatic		X	274.141	224.375	1.222
6F RF	Earthquake+x	LinStatic		X	260.72	212.356	1.228
5F RF	Earthquake+x	LinStatic		X	247.307	200.344	1.234
5F RF	Earthquake+x	LinStatic		Y	94.609	20.532	4.608
4F RF	Earthquake+x	LinStatic		X	234.096	188.506	1.242
4F RF	Earthquake+x	LinStatic		Y	92.044	20.255	4.544
3F RF	Earthquake+x	LinStatic		X	221.276	177.062	1.25
3F RF	Earthquake+x	LinStatic		Y	89.481	20.003	4.473
2F RF	Earthquake+x	LinStatic		X	208.987	166.35	1.256

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
2F RF	Earthquake+x	LinStatic		Y	86.994	19.851	4.382
1F RF	Earthquake+x	LinStatic		X	196.863	155.902	1.263
1F RF	Earthquake+x	LinStatic		Y	84.69	20.063	4.221
Base	Earthquake+x	LinStatic		X	122.127	121.263	1.007
14	Earthquake+y	LinStatic		Y	356.236	302.936	1.176
13	Earthquake+y	LinStatic		Y	346.48	292.789	1.183
12F RF	Earthquake+y	LinStatic		Y	336.559	282.431	1.192
11F RF	Earthquake+y	LinStatic		Y	326.479	271.867	1.201
10F RF	Earthquake+y	LinStatic		Y	316.272	261.13	1.211
9F RF	Earthquake+y	LinStatic		Y	305.981	250.27	1.223
8F RF	Earthquake+y	LinStatic		Y	295.669	239.36	1.235
7F RF	Earthquake+y	LinStatic		Y	285.411	228.488	1.249
6F RF	Earthquake+y	LinStatic		Y	275.298	217.765	1.264
5F RF	Earthquake+y	LinStatic		Y	265.437	207.311	1.28
4F RF	Earthquake+y	LinStatic		Y	255.931	197.264	1.297
3F RF	Earthquake+y	LinStatic		Y	246.886	187.743	1.315
2F RF	Earthquake+y	LinStatic		Y	238.477	178.981	1.332
1F RF	Earthquake+y	LinStatic		Y	230.979	171.009	1.351
Base	Earthquake+y	LinStatic		Y	134.316	131.018	1.025
14	TH-X Load Case	LinModHist	Max	X	134.152	117.704	1.14
14	TH-X Load Case	LinModHist	Max	Y	68.616	43.935	1.562
13	TH-X Load Case	LinModHist	Max	X	129.42	113.882	1.136
13	TH-X Load Case	LinModHist	Max	Y	67.404	42.846	1.573
12F RF	TH-X Load Case	LinModHist	Max	X	125.486	110.375	1.137
12F RF	TH-X Load Case	LinModHist	Max	Y	66.206	41.761	1.585
11F RF	TH-X Load Case	LinModHist	Max	X	121.329	106.662	1.138
11F RF	TH-X Load Case	LinModHist	Max	Y	65.337	40.838	1.6
10F RF	TH-X Load Case	LinModHist	Max	X	116.944	102.739	1.138
10F RF	TH-X Load Case	LinModHist	Max	Y	64.568	40.047	1.612
9F RF	TH-X Load Case	LinModHist	Max	X	113.624	99.406	1.143
9F RF	TH-X Load Case	LinModHist	Max	Y	63.762	39.452	1.616
8F RF	TH-X Load Case	LinModHist	Max	X	110.101	96.048	1.146
8F RF	TH-X Load Case	LinModHist	Max	Y	62.919	39.049	1.611
7F RF	TH-X Load Case	LinModHist	Max	X	106.381	92.607	1.149
7F RF	TH-X Load Case	LinModHist	Max	Y	62.041	38.521	1.611
6F RF	TH-X Load Case	LinModHist	Max	X	102.498	89.205	1.149
6F RF	TH-X Load Case	LinModHist	Max	Y	61.135	37.707	1.621
5F RF	TH-X Load Case	LinModHist	Max	X	98.501	85.659	1.15
5F RF	TH-X Load Case	LinModHist	Max	Y	60.21	36.87	1.633
4F RF	TH-X Load Case	LinModHist	Max	X	94.612	82.097	1.152
4F RF	TH-X Load Case	LinModHist	Max	Y	59.279	36.021	1.646
3F RF	TH-X Load Case	LinModHist	Max	X	91.334	78.812	1.159
3F RF	TH-X Load Case	LinModHist	Max	Y	58.357	35.472	1.645
2F RF	TH-X Load Case	LinModHist	Max	X	88.02	75.579	1.165
2F RF	TH-X Load Case	LinModHist	Max	Y	57.491	34.982	1.643

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	TH-X Load Case	LinModHist	Max	X	84.58	72.287	1.17
1F RF	TH-X Load Case	LinModHist	Max	Y	56.802	34.583	1.642
Base	TH-X Load Case	LinModHist	Max	X	58.204	57.919	1.005
Base	TH-X Load Case	LinModHist	Max	Y	12.844	12.471	1.03
14	TH-X Load Case	LinModHist	Min	X	198.751	194.356	1.023
14	TH-X Load Case	LinModHist	Min	Y	105.4	58.722	1.795
13	TH-X Load Case	LinModHist	Min	X	192.706	188.912	1.02
13	TH-X Load Case	LinModHist	Min	Y	104.921	58.194	1.803
12F RF	TH-X Load Case	LinModHist	Min	X	186.318	183.158	1.017
12F RF	TH-X Load Case	LinModHist	Min	Y	104.423	57.65	1.811
11F RF	TH-X Load Case	LinModHist	Min	X	180.236	177.404	1.016
11F RF	TH-X Load Case	LinModHist	Min	Y	103.897	57.087	1.82
10F RF	TH-X Load Case	LinModHist	Min	X	174.02	171.424	1.015
10F RF	TH-X Load Case	LinModHist	Min	Y	103.33	56.566	1.827
9F RF	TH-X Load Case	LinModHist	Min	X	167.477	165.126	1.014
9F RF	TH-X Load Case	LinModHist	Min	Y	102.712	56.019	1.834
8F RF	TH-X Load Case	LinModHist	Min	X	160.631	158.533	1.013
8F RF	TH-X Load Case	LinModHist	Min	Y	102.035	55.495	1.839
7F RF	TH-X Load Case	LinModHist	Min	X	153.523	151.684	1.012
7F RF	TH-X Load Case	LinModHist	Min	Y	101.294	54.949	1.843
6F RF	TH-X Load Case	LinModHist	Min	X	146.215	144.64	1.011
6F RF	TH-X Load Case	LinModHist	Min	Y	100.489	54.369	1.848
5F RF	TH-X Load Case	LinModHist	Min	X	138.794	137.52	1.009
5F RF	TH-X Load Case	LinModHist	Min	Y	99.623	53.841	1.85
4F RF	TH-X Load Case	LinModHist	Min	X	131.37	130.422	1.007
4F RF	TH-X Load Case	LinModHist	Min	Y	98.712	53.437	1.847
3F RF	TH-X Load Case	LinModHist	Min	X	124.047	123.332	1.006
3F RF	TH-X Load Case	LinModHist	Min	Y	97.771	52.78	1.852
2F RF	TH-X Load Case	LinModHist	Min	X	117.534	116.823	1.006
2F RF	TH-X Load Case	LinModHist	Min	Y	96.825	52.152	1.857
1F RF	TH-X Load Case	LinModHist	Min	X	112.107	110.862	1.011
1F RF	TH-X Load Case	LinModHist	Min	Y	95.935	51.582	1.86
Base	TH-X Load Case	LinModHist	Min	X	97.78	95.947	1.019
14	TH-Y Load Case	LinModHist	Max	X	245.191	227.057	1.08
14	TH-Y Load Case	LinModHist	Max	Y	124.082	72.749	1.706
13	TH-Y Load Case	LinModHist	Max	X	237.555	220.503	1.077
13	TH-Y Load Case	LinModHist	Max	Y	121.793	71.255	1.709
12F RF	TH-Y Load Case	LinModHist	Max	X	229.514	213.597	1.075
12F RF	TH-Y Load Case	LinModHist	Max	Y	119.456	69.791	1.712
11F RF	TH-Y Load Case	LinModHist	Max	X	221.062	206.322	1.071
11F RF	TH-Y Load Case	LinModHist	Max	Y	117.07	68.467	1.71
10F RF	TH-Y Load Case	LinModHist	Max	X	212.213	198.77	1.068
10F RF	TH-Y Load Case	LinModHist	Max	Y	114.639	66.995	1.711
9F RF	TH-Y Load Case	LinModHist	Max	X	203.003	191.081	1.062
9F RF	TH-Y Load Case	LinModHist	Max	Y	112.173	65.528	1.712

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
8F RF	TH-Y Load Case	LinModHist	Max	X	193.495	182.936	1.058
8F RF	TH-Y Load Case	LinModHist	Max	Y	109.682	63.991	1.714
7F RF	TH-Y Load Case	LinModHist	Max	X	183.777	174.716	1.052
7F RF	TH-Y Load Case	LinModHist	Max	Y	107.181	62.457	1.716
6F RF	TH-Y Load Case	LinModHist	Max	X	173.958	166.095	1.047
6F RF	TH-Y Load Case	LinModHist	Max	Y	104.687	60.892	1.719
5F RF	TH-Y Load Case	LinModHist	Max	X	164.172	157.632	1.041
5F RF	TH-Y Load Case	LinModHist	Max	Y	102.221	59.323	1.723
4F RF	TH-Y Load Case	LinModHist	Max	X	154.568	149.012	1.037
4F RF	TH-Y Load Case	LinModHist	Max	Y	99.8	57.823	1.726
3F RF	TH-Y Load Case	LinModHist	Max	X	145.286	140.919	1.031
3F RF	TH-Y Load Case	LinModHist	Max	Y	97.443	56.337	1.73
2F RF	TH-Y Load Case	LinModHist	Max	X	136.427	132.832	1.027
2F RF	TH-Y Load Case	LinModHist	Max	Y	95.204	54.944	1.733
1F RF	TH-Y Load Case	LinModHist	Max	X	127.751	124.943	1.022
1F RF	TH-Y Load Case	LinModHist	Max	Y	93.18	53.656	1.737
Base	TH-Y Load Case	LinModHist	Max	X	110.646	108.184	1.023
Base	TH-Y Load Case	LinModHist	Max	Y	13.495	13.372	1.009
14	TH-Y Load Case	LinModHist	Min	X	234.537	212.472	1.104
14	TH-Y Load Case	LinModHist	Min	Y	87.217	53.021	1.645
13	TH-Y Load Case	LinModHist	Min	X	227.028	205.595	1.104
13	TH-Y Load Case	LinModHist	Min	Y	86.322	52.227	1.653
12F RF	TH-Y Load Case	LinModHist	Min	X	219.113	198.335	1.105
12F RF	TH-Y Load Case	LinModHist	Min	Y	85.403	51.415	1.661
11F RF	TH-Y Load Case	LinModHist	Min	X	210.78	190.992	1.104
11F RF	TH-Y Load Case	LinModHist	Min	Y	84.455	50.585	1.67
10F RF	TH-Y Load Case	LinModHist	Min	X	202.039	183.549	1.101
10F RF	TH-Y Load Case	LinModHist	Min	Y	83.471	49.734	1.678
9F RF	TH-Y Load Case	LinModHist	Min	X	192.924	175.752	1.098
9F RF	TH-Y Load Case	LinModHist	Min	Y	82.448	48.865	1.687
8F RF	TH-Y Load Case	LinModHist	Min	X	183.497	167.648	1.095
8F RF	TH-Y Load Case	LinModHist	Min	Y	81.549	48.063	1.697
7F RF	TH-Y Load Case	LinModHist	Min	X	175.255	160.01	1.095
7F RF	TH-Y Load Case	LinModHist	Min	Y	80.612	47.417	1.7
6F RF	TH-Y Load Case	LinModHist	Min	X	167.376	152.46	1.098
6F RF	TH-Y Load Case	LinModHist	Min	Y	79.637	46.574	1.71
5F RF	TH-Y Load Case	LinModHist	Min	X	159.374	144.791	1.101
5F RF	TH-Y Load Case	LinModHist	Min	Y	78.633	45.722	1.72
4F RF	TH-Y Load Case	LinModHist	Min	X	151.373	137.116	1.104
4F RF	TH-Y Load Case	LinModHist	Min	Y	77.617	44.872	1.73
3F RF	TH-Y Load Case	LinModHist	Min	X	143.478	129.569	1.107
3F RF	TH-Y Load Case	LinModHist	Min	Y	76.6	44.025	1.74
2F RF	TH-Y Load Case	LinModHist	Min	X	135.83	122.422	1.11
2F RF	TH-Y Load Case	LinModHist	Min	Y	75.608	43.218	1.749
1F RF	TH-Y Load Case	LinModHist	Min	X	128.212	115.39	1.111

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	TH-Y Load Case	LinModHist	Min	Y	74.7	42.421	1.761
Base	TH-Y Load Case	LinModHist	Min	X	97.077	96.232	1.009
Base	TH-Y Load Case	LinModHist	Min	Y	12.287	11.126	1.104
14	UDCon11	Combination		X	58.68	39.85	1.473
14	UDCon11	Combination		Y	46.34	16.628	2.787
13	UDCon11	Combination		X	52.149	33.27	1.567
13	UDCon11	Combination		Y	42.155	12.369	3.408
12F RF	UDCon11	Combination		X	45.735	26.893	1.701
12F RF	UDCon11	Combination		Y	38.04	8.306	4.58
11F RF	UDCon11	Combination		X	39.503	20.808	1.898
11F RF	UDCon11	Combination		Y	34.012	4.502	7.555
10F RF	UDCon11	Combination		X	33.505	15.097	2.219
9F RF	UDCon11	Combination		X	27.793	9.845	2.823
9F RF	UDCon11	Combination		Y	30.411	2.063	14.739
8F RF	UDCon11	Combination		X	22.42	5.14	4.362
8F RF	UDCon11	Combination		Y	32.001	4.686	6.829
7F RF	UDCon11	Combination		X	17.434	1.075	16.218
7F RF	UDCon11	Combination		Y	32.689	6.769	4.829
6F RF	UDCon11	Combination		X	17.388	2.255	7.711
6F RF	UDCon11	Combination		Y	32.338	8.228	3.93
5F RF	UDCon11	Combination		X	18.341	4.765	3.849
5F RF	UDCon11	Combination		Y	30.775	8.956	3.436
4F RF	UDCon11	Combination		X	17.938	6.254	2.868
4F RF	UDCon11	Combination		Y	27.722	8.804	3.149
3F RF	UDCon11	Combination		X	15.823	6.466	2.447
3F RF	UDCon11	Combination		Y	22.671	7.532	3.01
2F RF	UDCon11	Combination		X	11.35	5.126	2.214
2F RF	UDCon11	Combination		Y	14.664	4.727	3.102
1F RF	UDCon11	Combination		X	4.436	1.489	2.98
1F RF	UDCon11	Combination		Y	6.373	1.574	4.05
Base	UDCon11	Combination		X	4.919	4.531	1.086
Base	UDCon11	Combination		Y	1.99	1.531	1.3
14	UDCon12	Combination		X	64.81	45.293	1.431
14	UDCon12	Combination		Y	49.397	18.604	2.655
13	UDCon12	Combination		X	57.63	38.04	1.515
13	UDCon12	Combination		Y	44.924	14.019	3.205
12F RF	UDCon12	Combination		X	50.578	31.005	1.631
12F RF	UDCon12	Combination		Y	40.526	9.64	4.204
11F RF	UDCon12	Combination		X	43.726	24.286	1.8
11F RF	UDCon12	Combination		Y	36.221	5.537	6.542
10F RF	UDCon12	Combination		X	37.128	17.969	2.066
9F RF	UDCon12	Combination		X	30.844	12.146	2.539
9F RF	UDCon12	Combination		Y	31.093	1.564	19.882
8F RF	UDCon12	Combination		X	24.928	6.913	3.606
8F RF	UDCon12	Combination		Y	32.891	4.415	7.451

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon12	Combination		X	19.435	2.368	8.207
7F RF	UDCon12	Combination		Y	33.736	6.694	5.04
6F RF	UDCon12	Combination		X	17.184	1.385	12.404
6F RF	UDCon12	Combination		Y	33.482	8.311	4.029
5F RF	UDCon12	Combination		X	18.436	4.255	4.333
5F RF	UDCon12	Combination		Y	31.947	9.155	3.49
4F RF	UDCon12	Combination		X	18.238	6.028	3.026
4F RF	UDCon12	Combination		Y	28.841	9.067	3.181
3F RF	UDCon12	Combination		X	16.215	6.434	2.52
3F RF	UDCon12	Combination		Y	23.628	7.798	3.03
2F RF	UDCon12	Combination		X	11.692	5.18	2.257
2F RF	UDCon12	Combination		Y	15.304	4.911	3.116
1F RF	UDCon12	Combination		X	4.568	1.483	3.08
1F RF	UDCon12	Combination		Y	6.686	1.66	4.027
Base	UDCon12	Combination		X	5.245	4.827	1.087
Base	UDCon12	Combination		Y	2.205	1.711	1.289
14	UDCon13	Combination	Max	X	117.61	87.093	1.35
14	UDCon13	Combination	Max	Y	103.547	64.703	1.6
13	UDCon13	Combination	Max	X	117.935	88.285	1.336
13	UDCon13	Combination	Max	Y	99.183	60.392	1.642
12F RF	UDCon13	Combination	Max	X	118.835	89.633	1.326
12F RF	UDCon13	Combination	Max	Y	94.881	56.232	1.687
11F RF	UDCon13	Combination	Max	X	119.205	90.554	1.316
11F RF	UDCon13	Combination	Max	Y	90.973	52.446	1.735
10F RF	UDCon13	Combination	Max	X	118.959	90.982	1.308
10F RF	UDCon13	Combination	Max	Y	87.242	48.893	1.784
9F RF	UDCon13	Combination	Max	X	119.303	91.65	1.302
9F RF	UDCon13	Combination	Max	Y	83.568	45.574	1.834
8F RF	UDCon13	Combination	Max	X	118.872	91.883	1.294
8F RF	UDCon13	Combination	Max	Y	79.968	42.586	1.878
7F RF	UDCon13	Combination	Max	X	117.572	91.554	1.284
7F RF	UDCon13	Combination	Max	Y	76.466	39.896	1.917
6F RF	UDCon13	Combination	Max	X	115.324	90.707	1.271
6F RF	UDCon13	Combination	Max	Y	73.095	37.571	1.946
5F RF	UDCon13	Combination	Max	X	112.106	89.098	1.258
5F RF	UDCon13	Combination	Max	Y	69.893	35.684	1.959
4F RF	UDCon13	Combination	Max	X	107.96	86.687	1.245
4F RF	UDCon13	Combination	Max	Y	66.89	34.311	1.95
3F RF	UDCon13	Combination	Max	X	103.133	83.599	1.234
3F RF	UDCon13	Combination	Max	Y	64.077	33.806	1.895
2F RF	UDCon13	Combination	Max	X	96.44	79.382	1.215
2F RF	UDCon13	Combination	Max	Y	61.405	33.801	1.817
1F RF	UDCon13	Combination	Max	X	87.815	73.35	1.197
1F RF	UDCon13	Combination	Max	Y	59.214	34.683	1.707
Base	UDCon13	Combination	Max	X	61.343	61.331	1

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon13	Combination	Max	Y	13.7	13.658	1.003
14	UDCon13	Combination	Min	X	234.685	224.969	1.043
14	UDCon13	Combination	Min	Y	70.551	39.281	1.796
13	UDCon13	Combination	Min	X	224.872	214.515	1.048
13	UDCon13	Combination	Min	Y	73.25	41.926	1.747
12F RF	UDCon13	Combination	Min	X	214.868	203.904	1.054
12F RF	UDCon13	Combination	Min	Y	75.888	44.448	1.707
11F RF	UDCon13	Combination	Min	X	204.698	193.514	1.058
11F RF	UDCon13	Combination	Min	Y	78.436	46.811	1.676
10F RF	UDCon13	Combination	Min	X	194.391	183.182	1.061
10F RF	UDCon13	Combination	Min	Y	80.866	48.972	1.651
9F RF	UDCon13	Combination	Min	X	183.991	172.879	1.064
9F RF	UDCon13	Combination	Min	Y	83.15	50.912	1.633
8F RF	UDCon13	Combination	Min	X	173.561	162.695	1.067
8F RF	UDCon13	Combination	Min	Y	85.267	52.564	1.622
7F RF	UDCon13	Combination	Min	X	163.178	152.74	1.068
7F RF	UDCon13	Combination	Min	Y	87.198	53.952	1.616
6F RF	UDCon13	Combination	Min	X	152.937	143.147	1.068
6F RF	UDCon13	Combination	Min	Y	88.934	55.296	1.608
5F RF	UDCon13	Combination	Min	X	143.278	134.234	1.067
5F RF	UDCon13	Combination	Min	Y	90.472	55.803	1.621
4F RF	UDCon13	Combination	Min	X	134.154	126.088	1.064
4F RF	UDCon13	Combination	Min	Y	91.811	55.732	1.647
3F RF	UDCon13	Combination	Min	X	125.701	118.975	1.057
3F RF	UDCon13	Combination	Min	Y	92.928	55.084	1.687
2F RF	UDCon13	Combination	Min	X	118.344	113.376	1.044
2F RF	UDCon13	Combination	Min	Y	93.724	53.909	1.739
1F RF	UDCon13	Combination	Min	X	112.517	109.505	1.028
1F RF	UDCon13	Combination	Min	Y	94.337	51.983	1.815
Base	UDCon13	Combination	Min	X	94.647	92.525	1.023
14	UDCon14	Combination	Max	X	182.21	163.754	1.113
14	UDCon14	Combination	Max	Y	140.338	75.486	1.859
13	UDCon14	Combination	Max	X	181.215	163.318	1.11
13	UDCon14	Combination	Max	Y	136.701	71.748	1.905
12F RF	UDCon14	Combination	Max	X	179.661	162.418	1.106
12F RF	UDCon14	Combination	Max	Y	133.098	68.127	1.954
11F RF	UDCon14	Combination	Max	X	178.108	161.297	1.104
11F RF	UDCon14	Combination	Max	Y	129.532	64.617	2.005
10F RF	UDCon14	Combination	Max	X	176.03	159.667	1.102
10F RF	UDCon14	Combination	Max	Y	126.004	61.364	2.053
9F RF	UDCon14	Combination	Max	X	173.151	157.373	1.1
9F RF	UDCon14	Combination	Max	Y	122.518	58.464	2.096
8F RF	UDCon14	Combination	Max	X	169.398	154.371	1.097
8F RF	UDCon14	Combination	Max	Y	119.084	55.82	2.133
7F RF	UDCon14	Combination	Max	X	164.71	150.63	1.093

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon14	Combination	Max	Y	115.719	53.531	2.162
6F RF	UDCon14	Combination	Max	X	159.037	146.14	1.088
6F RF	UDCon14	Combination	Max	Y	112.449	51.647	2.177
5F RF	UDCon14	Combination	Max	X	152.399	141.073	1.08
5F RF	UDCon14	Combination	Max	Y	109.306	50.349	2.171
4F RF	UDCon14	Combination	Max	X	144.718	135.223	1.07
4F RF	UDCon14	Combination	Max	Y	106.318	49.764	2.136
3F RF	UDCon14	Combination	Max	X	135.846	128.511	1.057
3F RF	UDCon14	Combination	Max	Y	103.483	49.889	2.074
2F RF	UDCon14	Combination	Max	X	125.36	120.926	1.037
2F RF	UDCon14	Combination	Max	Y	100.738	50.414	1.998
1F RF	UDCon14	Combination	Max	X	113.13	111.714	1.013
1F RF	UDCon14	Combination	Max	Y	98.327	51.518	1.909
Base	UDCon14	Combination	Max	X	100.916	99.369	1.016
14	UDCon14	Combination	Min	X	150.707	147.962	1.019
14	UDCon14	Combination	Min	Y	73.668	42.545	1.732
13	UDCon14	Combination	Min	X	140.939	139.224	1.012
13	UDCon14	Combination	Min	Y	75.513	44.699	1.689
12F RF	UDCon14	Combination	Min	X	132.18	130.942	1.009
12F RF	UDCon14	Combination	Min	Y	77.07	46.523	1.657
11F RF	UDCon14	Combination	Min	X	123.504	122.737	1.006
11F RF	UDCon14	Combination	Min	Y	78.248	48.044	1.629
10F RF	UDCon14	Combination	Min	X	114.99	114.459	1.005
10F RF	UDCon14	Combination	Min	Y	78.96	49.273	1.603
9F RF	UDCon14	Combination	Min	X	108.018	107.108	1.008
9F RF	UDCon14	Combination	Min	Y	79.125	50.271	1.574
8F RF	UDCon14	Combination	Min	X	101.412	100.078	1.013
8F RF	UDCon14	Combination	Min	Y	78.659	50.957	1.544
7F RF	UDCon14	Combination	Min	X	95.282	93.581	1.018
7F RF	UDCon14	Combination	Min	Y	77.482	51.027	1.518
6F RF	UDCon14	Combination	Min	X	89.77	87.527	1.026
6F RF	UDCon14	Combination	Min	Y	75.505	50.442	1.497
5F RF	UDCon14	Combination	Min	X	85.045	82.221	1.034
5F RF	UDCon14	Combination	Min	Y	72.795	49.134	1.482
4F RF	UDCon14	Combination	Min	X	81.463	77.543	1.051
4F RF	UDCon14	Combination	Min	Y	69.025	46.41	1.487
3F RF	UDCon14	Combination	Min	X	79.775	74.038	1.077
3F RF	UDCon14	Combination	Min	Y	63.806	42.723	1.493
2F RF	UDCon14	Combination	Min	X	79.911	71.869	1.112
2F RF	UDCon14	Combination	Min	Y	56.417	37.583	1.501
1F RF	UDCon14	Combination	Min	X	81.951	70.974	1.155
1F RF	UDCon14	Combination	Min	Y	55.211	34.893	1.582
Base	UDCon14	Combination	Min	X	55.075	54.5	1.011
Base	UDCon14	Combination	Min	Y	12.021	11.301	1.064
14	UDCon15	Combination	Max	X	228.642	196.453	1.164

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	Max	Y	159.014	88.602	1.795
13	UDCon15	Combination	Max	X	226.053	194.905	1.16
13	UDCon15	Combination	Max	Y	153.569	83.627	1.836
12F RF	UDCon15	Combination	Max	X	222.85	192.854	1.156
12F RF	UDCon15	Combination	Max	Y	148.129	78.873	1.878
11F RF	UDCon15	Combination	Max	X	218.93	190.213	1.151
11F RF	UDCon15	Combination	Max	Y	142.705	74.39	1.918
10F RF	UDCon15	Combination	Max	X	214.221	187.093	1.145
10F RF	UDCon15	Combination	Max	Y	137.313	70.32	1.953
9F RF	UDCon15	Combination	Max	X	208.676	183.667	1.136
9F RF	UDCon15	Combination	Max	Y	131.977	66.526	1.984
8F RF	UDCon15	Combination	Max	X	202.264	179.497	1.127
8F RF	UDCon15	Combination	Max	Y	126.728	63.043	2.01
7F RF	UDCon15	Combination	Max	X	194.969	174.569	1.117
7F RF	UDCon15	Combination	Max	Y	121.602	60.013	2.026
6F RF	UDCon15	Combination	Max	X	186.788	168.892	1.106
6F RF	UDCon15	Combination	Max	Y	116.642	57.441	2.031
5F RF	UDCon15	Combination	Max	X	177.777	162.488	1.094
5F RF	UDCon15	Combination	Max	Y	111.897	55.385	2.02
4F RF	UDCon15	Combination	Max	X	167.915	155.304	1.081
4F RF	UDCon15	Combination	Max	Y	107.4	53.969	1.99
3F RF	UDCon15	Combination	Max	X	157.077	147.341	1.066
3F RF	UDCon15	Combination	Max	Y	103.149	53.402	1.932
2F RF	UDCon15	Combination	Max	X	144.882	138.422	1.047
2F RF	UDCon15	Combination	Max	Y	99.094	53.566	1.85
1F RF	UDCon15	Combination	Max	X	131.029	127.498	1.028
1F RF	UDCon15	Combination	Max	Y	95.578	53.872	1.774
Base	UDCon15	Combination	Max	X	113.783	111.607	1.019
Base	UDCon15	Combination	Max	Y	14.765	14.542	1.015
14	UDCon15	Combination	Min	X	251.091	243.049	1.033
14	UDCon15	Combination	Min	Y	91.734	51.461	1.783
13	UDCon15	Combination	Min	X	238.547	231.163	1.032
13	UDCon15	Combination	Min	Y	93.081	53.407	1.743
12F RF	UDCon15	Combination	Min	X	225.807	219.048	1.031
12F RF	UDCon15	Combination	Min	Y	94.126	55.109	1.708
11F RF	UDCon15	Combination	Min	X	212.954	207.067	1.028
11F RF	UDCon15	Combination	Min	Y	94.779	56.5	1.677
10F RF	UDCon15	Combination	Min	X	200.085	195.269	1.025
10F RF	UDCon15	Combination	Min	Y	94.956	57.51	1.651
9F RF	UDCon15	Combination	Min	X	187.318	183.464	1.021
9F RF	UDCon15	Combination	Min	Y	94.575	58.07	1.629
8F RF	UDCon15	Combination	Min	X	174.808	171.765	1.018
8F RF	UDCon15	Combination	Min	Y	93.556	58.109	1.61
7F RF	UDCon15	Combination	Min	X	164.155	161.015	1.02
7F RF	UDCon15	Combination	Min	Y	91.817	57.846	1.587

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
6F RF	UDCon15	Combination	Min	X	154.643	150.916	1.025
6F RF	UDCon15	Combination	Min	Y	89.275	56.94	1.568
5F RF	UDCon15	Combination	Min	X	145.911	141.357	1.032
5F RF	UDCon15	Combination	Min	Y	85.814	55.263	1.553
4F RF	UDCon15	Combination	Min	X	138.22	132.568	1.043
4F RF	UDCon15	Combination	Min	Y	81.247	52.203	1.556
3F RF	UDCon15	Combination	Min	X	131.922	124.85	1.057
3F RF	UDCon15	Combination	Min	Y	75.203	47.854	1.572
2F RF	UDCon15	Combination	Min	X	127.708	118.722	1.076
2F RF	UDCon15	Combination	Min	Y	72.505	44.805	1.618
1F RF	UDCon15	Combination	Min	X	125.511	114.231	1.099
1F RF	UDCon15	Combination	Min	Y	73.103	42.728	1.711
Base	UDCon15	Combination	Min	X	93.943	92.81	1.012
Base	UDCon15	Combination	Min	Y	11.465	9.956	1.151
14	UDCon16	Combination	Max	X	217.988	181.872	1.199
14	UDCon16	Combination	Max	Y	122.154	73.153	1.67
13	UDCon16	Combination	Max	X	215.523	180.001	1.197
13	UDCon16	Combination	Max	Y	118.101	69.18	1.707
12F RF	UDCon16	Combination	Max	X	212.446	177.595	1.196
12F RF	UDCon16	Combination	Max	Y	114.078	65.308	1.747
11F RF	UDCon16	Combination	Max	X	208.646	174.887	1.193
11F RF	UDCon16	Combination	Max	Y	110.091	61.56	1.788
10F RF	UDCon16	Combination	Max	X	204.047	171.795	1.188
10F RF	UDCon16	Combination	Max	Y	106.145	57.976	1.831
9F RF	UDCon16	Combination	Max	X	198.597	168.003	1.182
9F RF	UDCon16	Combination	Max	Y	102.254	54.592	1.873
8F RF	UDCon16	Combination	Max	X	192.266	163.49	1.176
8F RF	UDCon16	Combination	Max	Y	98.598	51.541	1.913
7F RF	UDCon16	Combination	Max	X	186.443	158.958	1.173
7F RF	UDCon16	Combination	Max	Y	95.037	48.793	1.948
6F RF	UDCon16	Combination	Max	X	180.197	153.964	1.17
6F RF	UDCon16	Combination	Max	Y	91.597	46.438	1.972
5F RF	UDCon16	Combination	Max	X	172.979	148.233	1.167
5F RF	UDCon16	Combination	Max	Y	88.316	44.536	1.983
4F RF	UDCon16	Combination	Max	X	164.72	141.704	1.162
4F RF	UDCon16	Combination	Max	Y	85.222	43.159	1.975
3F RF	UDCon16	Combination	Max	X	155.276	134.358	1.156
3F RF	UDCon16	Combination	Max	Y	82.312	42.355	1.943
2F RF	UDCon16	Combination	Max	X	144.278	126.248	1.143
2F RF	UDCon16	Combination	Max	Y	79.522	42.037	1.892
1F RF	UDCon16	Combination	Max	X	131.469	116.464	1.129
1F RF	UDCon16	Combination	Max	Y	77.09	42.51	1.813
Base	UDCon16	Combination	Max	X	100.213	99.654	1.006
Base	UDCon16	Combination	Max	Y	13.125	12.304	1.067
14	UDCon16	Combination	Min	X	261.745	255.657	1.024

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
14	UDCon16	Combination	Min	Y	89.246	50.432	1.77
13	UDCon16	Combination	Min	X	249.075	243.638	1.022
13	UDCon16	Combination	Min	Y	90.132	52.081	1.731
12F RF	UDCon16	Combination	Min	X	236.208	231.435	1.021
12F RF	UDCon16	Combination	Min	Y	90.927	53.612	1.696
11F RF	UDCon16	Combination	Min	X	223.237	219.015	1.019
11F RF	UDCon16	Combination	Min	Y	91.615	55.017	1.665
10F RF	UDCon16	Combination	Min	X	211.051	206.938	1.02
10F RF	UDCon16	Combination	Min	Y	92.182	56.229	1.639
9F RF	UDCon16	Combination	Min	X	201.053	195.92	1.026
9F RF	UDCon16	Combination	Min	Y	92.619	57.22	1.619
8F RF	UDCon16	Combination	Min	X	190.948	184.977	1.032
8F RF	UDCon16	Combination	Min	Y	92.924	57.96	1.603
7F RF	UDCon16	Combination	Min	X	180.798	174.135	1.038
7F RF	UDCon16	Combination	Min	Y	93.097	58.417	1.594
6F RF	UDCon16	Combination	Min	X	170.688	163.56	1.044
6F RF	UDCon16	Combination	Min	Y	93.145	58.565	1.59
5F RF	UDCon16	Combination	Min	X	160.735	153.486	1.047
5F RF	UDCon16	Combination	Min	Y	93.078	58.38	1.594
4F RF	UDCon16	Combination	Min	X	151.132	144.496	1.046
4F RF	UDCon16	Combination	Min	Y	92.905	57.918	1.604
3F RF	UDCon16	Combination	Min	X	142.149	136.378	1.042
3F RF	UDCon16	Combination	Min	Y	92.611	57.247	1.618
2F RF	UDCon16	Combination	Min	X	134.248	129.515	1.037
2F RF	UDCon16	Combination	Min	Y	92.118	56.066	1.643
1F RF	UDCon16	Combination	Min	X	127.807	123.688	1.033
1F RF	UDCon16	Combination	Min	Y	91.594	53.82	1.702
Base	UDCon16	Combination	Min	X	107.511	104.762	1.026
Base	UDCon16	Combination	Min	Y	12.673	12.202	1.039
14	UDCon17	Combination	Max	X	118.562	88.182	1.345
14	UDCon17	Combination	Max	Y	102.936	64.238	1.602
13	UDCon17	Combination	Max	X	118.747	89.239	1.331
13	UDCon17	Combination	Max	Y	98.629	59.99	1.644
12F RF	UDCon17	Combination	Max	X	119.511	90.456	1.321
12F RF	UDCon17	Combination	Max	Y	94.384	55.891	1.689
11F RF	UDCon17	Combination	Max	X	119.752	91.25	1.312
11F RF	UDCon17	Combination	Max	Y	90.531	52.163	1.736
10F RF	UDCon17	Combination	Max	X	119.383	91.556	1.304
10F RF	UDCon17	Combination	Max	Y	86.854	48.666	1.785
9F RF	UDCon17	Combination	Max	X	119.613	92.111	1.299
9F RF	UDCon17	Combination	Max	Y	83.232	45.398	1.833
8F RF	UDCon17	Combination	Max	X	119.08	92.238	1.291
8F RF	UDCon17	Combination	Max	Y	79.681	42.457	1.877
7F RF	UDCon17	Combination	Max	X	117.689	91.813	1.282
7F RF	UDCon17	Combination	Max	Y	76.226	39.808	1.915

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
6F RF	UDCon17	Combination	Max	X	115.365	90.881	1.269
6F RF	UDCon17	Combination	Max	Y	72.899	37.518	1.943
5F RF	UDCon17	Combination	Max	X	112.087	89.2	1.257
5F RF	UDCon17	Combination	Max	Y	69.738	35.659	1.956
4F RF	UDCon17	Combination	Max	X	107.899	86.732	1.244
4F RF	UDCon17	Combination	Max	Y	66.772	34.306	1.946
3F RF	UDCon17	Combination	Max	X	103.055	83.606	1.233
3F RF	UDCon17	Combination	Max	Y	63.991	33.811	1.893
2F RF	UDCon17	Combination	Max	X	96.372	79.371	1.214
2F RF	UDCon17	Combination	Max	Y	61.35	33.81	1.815
1F RF	UDCon17	Combination	Max	X	87.789	73.351	1.197
1F RF	UDCon17	Combination	Max	Y	59.186	34.684	1.706
Base	UDCon17	Combination	Max	X	61.287	61.276	1
Base	UDCon17	Combination	Max	Y	13.67	13.621	1.004
14	UDCon17	Combination	Min	X	233.459	223.88	1.043
14	UDCon17	Combination	Min	Y	71.161	39.759	1.79
13	UDCon17	Combination	Min	X	223.776	213.561	1.048
13	UDCon17	Combination	Min	Y	73.802	42.341	1.743
12F RF	UDCon17	Combination	Min	X	213.9	203.082	1.053
12F RF	UDCon17	Combination	Min	Y	76.383	44.802	1.705
11F RF	UDCon17	Combination	Min	X	203.853	192.819	1.057
11F RF	UDCon17	Combination	Min	Y	78.875	47.107	1.674
10F RF	UDCon17	Combination	Min	X	193.666	182.608	1.061
10F RF	UDCon17	Combination	Min	Y	81.25	49.213	1.651
9F RF	UDCon17	Combination	Min	X	183.381	172.419	1.064
9F RF	UDCon17	Combination	Min	Y	83.482	51.101	1.634
8F RF	UDCon17	Combination	Min	X	173.059	162.34	1.066
8F RF	UDCon17	Combination	Min	Y	85.548	52.706	1.623
7F RF	UDCon17	Combination	Min	X	162.777	152.481	1.068
7F RF	UDCon17	Combination	Min	Y	87.432	54.051	1.618
6F RF	UDCon17	Combination	Min	X	152.63	142.973	1.068
6F RF	UDCon17	Combination	Min	Y	89.123	55.358	1.61
5F RF	UDCon17	Combination	Min	X	143.055	134.132	1.067
5F RF	UDCon17	Combination	Min	Y	90.619	55.824	1.623
4F RF	UDCon17	Combination	Min	X	134.004	126.043	1.063
4F RF	UDCon17	Combination	Min	Y	91.919	55.732	1.649
3F RF	UDCon17	Combination	Min	X	125.611	118.969	1.056
3F RF	UDCon17	Combination	Min	Y	93	55.072	1.689
2F RF	UDCon17	Combination	Min	X	118.298	113.387	1.043
2F RF	UDCon17	Combination	Min	Y	93.765	53.894	1.74
1F RF	UDCon17	Combination	Min	X	112.489	109.504	1.027
1F RF	UDCon17	Combination	Min	Y	94.353	51.976	1.815
Base	UDCon17	Combination	Min	X	94.7	92.585	1.023
14	UDCon18	Combination	Max	X	183.161	164.843	1.111
14	UDCon18	Combination	Max	Y	139.726	75.051	1.862

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
13	UDCon18	Combination	Max	X	182.027	164.272	1.108
13	UDCon18	Combination	Max	Y	136.147	71.378	1.907
12F RF	UDCon18	Combination	Max	X	180.338	163.241	1.105
12F RF	UDCon18	Combination	Max	Y	132.601	67.819	1.955
11F RF	UDCon18	Combination	Max	X	178.655	161.993	1.103
11F RF	UDCon18	Combination	Max	Y	129.091	64.389	2.005
10F RF	UDCon18	Combination	Max	X	176.454	160.242	1.101
10F RF	UDCon18	Combination	Max	Y	125.616	61.191	2.053
9F RF	UDCon18	Combination	Max	X	173.462	157.834	1.099
9F RF	UDCon18	Combination	Max	Y	122.182	58.321	2.095
8F RF	UDCon18	Combination	Max	X	169.606	154.725	1.096
8F RF	UDCon18	Combination	Max	Y	118.798	55.724	2.132
7F RF	UDCon18	Combination	Max	X	164.827	150.888	1.092
7F RF	UDCon18	Combination	Max	Y	115.48	53.474	2.16
6F RF	UDCon18	Combination	Max	X	159.078	146.314	1.087
6F RF	UDCon18	Combination	Max	Y	112.253	51.624	2.174
5F RF	UDCon18	Combination	Max	X	152.38	141.175	1.079
5F RF	UDCon18	Combination	Max	Y	109.151	50.35	2.168
4F RF	UDCon18	Combination	Max	X	144.658	135.268	1.069
4F RF	UDCon18	Combination	Max	Y	106.2	49.782	2.133
3F RF	UDCon18	Combination	Max	X	135.767	128.517	1.056
3F RF	UDCon18	Combination	Max	Y	103.398	49.913	2.072
2F RF	UDCon18	Combination	Max	X	125.292	120.908	1.036
2F RF	UDCon18	Combination	Max	Y	100.684	50.437	1.996
1F RF	UDCon18	Combination	Max	X	113.104	111.716	1.012
1F RF	UDCon18	Combination	Max	Y	98.299	51.52	1.908
Base	UDCon18	Combination	Max	X	100.863	99.31	1.016
14	UDCon18	Combination	Min	X	149.755	146.939	1.019
14	UDCon18	Combination	Min	Y	73.847	42.827	1.724
13	UDCon18	Combination	Min	X	140.126	138.338	1.013
13	UDCon18	Combination	Min	Y	75.619	44.891	1.684
12F RF	UDCon18	Combination	Min	X	131.503	130.218	1.01
12F RF	UDCon18	Combination	Min	Y	77.107	46.648	1.653
11F RF	UDCon18	Combination	Min	X	122.957	122.042	1.007
11F RF	UDCon18	Combination	Min	Y	78.22	48.107	1.626
10F RF	UDCon18	Combination	Min	X	114.565	113.885	1.006
10F RF	UDCon18	Combination	Min	Y	78.874	49.278	1.601
9F RF	UDCon18	Combination	Min	X	107.706	106.655	1.01
9F RF	UDCon18	Combination	Min	Y	78.988	50.226	1.573
8F RF	UDCon18	Combination	Min	X	101.203	99.743	1.015
8F RF	UDCon18	Combination	Min	Y	78.481	50.868	1.543
7F RF	UDCon18	Combination	Min	X	95.163	93.341	1.02
7F RF	UDCon18	Combination	Min	Y	77.273	50.905	1.518
6F RF	UDCon18	Combination	Min	X	89.728	87.371	1.027
6F RF	UDCon18	Combination	Min	Y	75.276	50.296	1.497

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
5F RF	UDCon18	Combination	Min	X	85.062	82.119	1.036
5F RF	UDCon18	Combination	Min	Y	72.561	48.976	1.482
4F RF	UDCon18	Combination	Min	X	81.521	77.498	1.052
4F RF	UDCon18	Combination	Min	Y	68.801	46.245	1.488
3F RF	UDCon18	Combination	Min	X	79.85	74.032	1.079
3F RF	UDCon18	Combination	Min	Y	63.614	42.579	1.494
2F RF	UDCon18	Combination	Min	X	79.973	71.878	1.113
2F RF	UDCon18	Combination	Min	Y	56.289	37.483	1.502
1F RF	UDCon18	Combination	Min	X	81.966	70.977	1.155
1F RF	UDCon18	Combination	Min	Y	55.227	34.887	1.583
Base	UDCon18	Combination	Min	X	55.128	54.559	1.01
Base	UDCon18	Combination	Min	Y	12.049	11.337	1.063
14	UDCon19	Combination	Max	X	229.593	197.542	1.162
14	UDCon19	Combination	Max	Y	158.403	88.187	1.796
13	UDCon19	Combination	Max	X	226.865	195.859	1.158
13	UDCon19	Combination	Max	Y	153.016	83.277	1.837
12F RF	UDCon19	Combination	Max	X	223.527	193.677	1.154
12F RF	UDCon19	Combination	Max	Y	147.632	78.585	1.879
11F RF	UDCon19	Combination	Max	X	219.477	190.909	1.15
11F RF	UDCon19	Combination	Max	Y	142.263	74.162	1.918
10F RF	UDCon19	Combination	Max	X	214.645	187.668	1.144
10F RF	UDCon19	Combination	Max	Y	136.925	70.147	1.952
9F RF	UDCon19	Combination	Max	X	208.986	184.127	1.135
9F RF	UDCon19	Combination	Max	Y	131.641	66.405	1.982
8F RF	UDCon19	Combination	Max	X	202.471	179.851	1.126
8F RF	UDCon19	Combination	Max	Y	126.441	62.967	2.008
7F RF	UDCon19	Combination	Max	X	195.086	174.828	1.116
7F RF	UDCon19	Combination	Max	Y	121.362	59.977	2.023
6F RF	UDCon19	Combination	Max	X	186.829	169.065	1.105
6F RF	UDCon19	Combination	Max	Y	116.447	57.437	2.027
5F RF	UDCon19	Combination	Max	X	177.758	162.59	1.093
5F RF	UDCon19	Combination	Max	Y	111.742	55.404	2.017
4F RF	UDCon19	Combination	Max	X	167.855	155.349	1.081
4F RF	UDCon19	Combination	Max	Y	107.282	54.003	1.987
3F RF	UDCon19	Combination	Max	X	156.998	147.347	1.065
3F RF	UDCon19	Combination	Max	Y	103.064	53.439	1.929
2F RF	UDCon19	Combination	Max	X	144.814	138.392	1.046
2F RF	UDCon19	Combination	Max	Y	99.04	53.589	1.848
1F RF	UDCon19	Combination	Max	X	131.002	127.486	1.028
1F RF	UDCon19	Combination	Max	Y	95.55	53.871	1.774
Base	UDCon19	Combination	Max	X	113.729	111.547	1.02
Base	UDCon19	Combination	Max	Y	14.722	14.506	1.015
14	UDCon19	Combination	Min	X	250.139	241.961	1.034
14	UDCon19	Combination	Min	Y	91.913	51.724	1.777
13	UDCon19	Combination	Min	X	237.734	230.21	1.033

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
13	UDCon19	Combination	Min	Y	93.187	53.6	1.739
12F RF	UDCon19	Combination	Min	X	225.13	218.225	1.032
12F RF	UDCon19	Combination	Min	Y	94.162	55.234	1.705
11F RF	UDCon19	Combination	Min	X	212.406	206.371	1.029
11F RF	UDCon19	Combination	Min	Y	94.751	56.563	1.675
10F RF	UDCon19	Combination	Min	X	199.66	194.695	1.025
10F RF	UDCon19	Combination	Min	Y	94.87	57.515	1.649
9F RF	UDCon19	Combination	Min	X	187.006	183.004	1.022
9F RF	UDCon19	Combination	Min	Y	94.439	58.025	1.628
8F RF	UDCon19	Combination	Min	X	174.599	171.41	1.019
8F RF	UDCon19	Combination	Min	Y	93.377	58.02	1.609
7F RF	UDCon19	Combination	Min	X	164.037	160.757	1.02
7F RF	UDCon19	Combination	Min	Y	91.608	57.723	1.587
6F RF	UDCon19	Combination	Min	X	154.6	150.743	1.026
6F RF	UDCon19	Combination	Min	Y	89.046	56.794	1.568
5F RF	UDCon19	Combination	Min	X	145.928	141.255	1.033
5F RF	UDCon19	Combination	Min	Y	85.579	55.105	1.553
4F RF	UDCon19	Combination	Min	X	138.277	132.523	1.043
4F RF	UDCon19	Combination	Min	Y	81.023	52.038	1.557
3F RF	UDCon19	Combination	Min	X	131.998	124.843	1.057
3F RF	UDCon19	Combination	Min	Y	75.011	47.71	1.572
2F RF	UDCon19	Combination	Min	X	127.77	118.731	1.076
2F RF	UDCon19	Combination	Min	Y	72.547	44.789	1.62
1F RF	UDCon19	Combination	Min	X	125.527	114.234	1.099
1F RF	UDCon19	Combination	Min	Y	73.119	42.722	1.712
Base	UDCon19	Combination	Min	X	93.996	92.87	1.012
Base	UDCon19	Combination	Min	Y	11.493	9.992	1.15
14	UDCon20	Combination	Max	X	218.939	182.961	1.197
14	UDCon20	Combination	Max	Y	121.543	72.688	1.672
13	UDCon20	Combination	Max	X	216.335	180.955	1.196
13	UDCon20	Combination	Max	Y	117.547	68.779	1.709
12F RF	UDCon20	Combination	Max	X	213.123	178.417	1.195
12F RF	UDCon20	Combination	Max	Y	113.581	64.966	1.748
11F RF	UDCon20	Combination	Max	X	209.192	175.582	1.191
11F RF	UDCon20	Combination	Max	Y	109.649	61.277	1.789
10F RF	UDCon20	Combination	Max	X	204.471	172.37	1.186
10F RF	UDCon20	Combination	Max	Y	105.757	57.748	1.831
9F RF	UDCon20	Combination	Max	X	198.908	168.463	1.181
9F RF	UDCon20	Combination	Max	Y	101.917	54.416	1.873
8F RF	UDCon20	Combination	Max	X	192.473	163.844	1.175
8F RF	UDCon20	Combination	Max	Y	98.312	51.411	1.912
7F RF	UDCon20	Combination	Max	X	186.56	159.217	1.172
7F RF	UDCon20	Combination	Max	Y	94.797	48.705	1.946
6F RF	UDCon20	Combination	Max	X	180.238	154.138	1.169
6F RF	UDCon20	Combination	Max	Y	91.402	46.385	1.971

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
5F RF	UDCon20	Combination	Max	X	172.96	148.335	1.166
5F RF	UDCon20	Combination	Max	Y	88.16	44.511	1.981
4F RF	UDCon20	Combination	Max	X	164.66	141.749	1.162
4F RF	UDCon20	Combination	Max	Y	85.104	43.154	1.972
3F RF	UDCon20	Combination	Max	X	155.198	134.365	1.155
3F RF	UDCon20	Combination	Max	Y	82.227	42.36	1.941
2F RF	UDCon20	Combination	Max	X	144.21	126.237	1.142
2F RF	UDCon20	Combination	Max	Y	79.468	42.046	1.89
1F RF	UDCon20	Combination	Max	X	131.443	116.465	1.129
1F RF	UDCon20	Combination	Max	Y	77.062	42.511	1.813
Base	UDCon20	Combination	Max	X	100.16	99.595	1.006
Base	UDCon20	Combination	Max	Y	13.096	12.267	1.068
14	UDCon20	Combination	Min	X	260.793	254.601	1.024
14	UDCon20	Combination	Min	Y	89.855	50.929	1.764
13	UDCon20	Combination	Min	X	248.262	242.721	1.023
13	UDCon20	Combination	Min	Y	90.684	52.516	1.727
12F RF	UDCon20	Combination	Min	X	235.531	230.662	1.021
12F RF	UDCon20	Combination	Min	Y	91.422	53.987	1.693
11F RF	UDCon20	Combination	Min	X	222.69	218.371	1.02
11F RF	UDCon20	Combination	Min	Y	92.054	55.334	1.664
10F RF	UDCon20	Combination	Min	X	210.327	206.286	1.02
10F RF	UDCon20	Combination	Min	Y	92.566	56.491	1.639
9F RF	UDCon20	Combination	Min	X	200.443	195.383	1.026
9F RF	UDCon20	Combination	Min	Y	92.951	57.43	1.619
8F RF	UDCon20	Combination	Min	X	190.446	184.575	1.032
8F RF	UDCon20	Combination	Min	Y	93.206	58.122	1.604
7F RF	UDCon20	Combination	Min	X	180.398	173.83	1.038
7F RF	UDCon20	Combination	Min	Y	93.331	58.536	1.594
6F RF	UDCon20	Combination	Min	X	170.381	163.342	1.043
6F RF	UDCon20	Combination	Min	Y	93.334	58.646	1.591
5F RF	UDCon20	Combination	Min	X	160.513	153.344	1.047
5F RF	UDCon20	Combination	Min	Y	93.225	58.429	1.596
4F RF	UDCon20	Combination	Min	X	150.981	144.415	1.045
4F RF	UDCon20	Combination	Min	Y	93.012	57.943	1.605
3F RF	UDCon20	Combination	Min	X	142.058	136.343	1.042
3F RF	UDCon20	Combination	Min	Y	92.682	57.255	1.619
2F RF	UDCon20	Combination	Min	X	134.202	129.508	1.036
2F RF	UDCon20	Combination	Min	Y	92.159	56.056	1.644
1F RF	UDCon20	Combination	Min	X	127.779	123.684	1.033
1F RF	UDCon20	Combination	Min	Y	91.61	53.815	1.702
Base	UDCon20	Combination	Min	X	107.564	104.821	1.026
Base	UDCon20	Combination	Min	Y	12.701	12.238	1.038

Table 3.7 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	Dead	LinStatic		X	0.000805	51	24.7	8.8	56
16	Dead	LinStatic		Y	0.000455	40	3.75	5	56
16	Live	LinStatic		X	0.000134	45	26.8	14.8	56
16	Live	LinStatic		Y	7.5E-05	43	26.8	5	56
16	FF	LinStatic		X	0.000371	44	26.8	19.6	56
16	FF	LinStatic		Y	0.00032	43	26.8	5	56
16	PW	LinStatic		X	0.000288	44	26.8	19.6	56
16	PW	LinStatic		Y	0.000254	43	26.8	5	56
16	Earthquake+x	LinStatic		X	0.002736	33	3.75	19.6	56
16	Earthquake+y	LinStatic		Y	0.002912	44	26.8	19.6	56
16	TH-X Load Case	LinModHist	Max	X	0.0013	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Max	Y	0.000569	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Min	X	0.001712	33	3.75	19.6	56
16	TH-X Load Case	LinModHist	Min	Y	0.000532	40	3.75	5	56
16	TH-Y Load Case	LinModHist	Max	X	0.002047	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Max	Y	0.000639	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Min	X	0.0023	33	3.75	19.6	56
16	TH-Y Load Case	LinModHist	Min	Y	0.000627	33	3.75	19.6	56
16	UDCon11	Combination		X	0.001951	51	24.7	8.8	56
16	UDCon11	Combination		Y	0.001353	27	17.9	5	56
16	UDCon12	Combination		X	0.002147	48	26.8	12	56
16	UDCon12	Combination		Y	0.001465	43	26.8	5	56
16	UDCon13	Combination	Max	X	0.000497	51	24.7	8.8	56
16	UDCon13	Combination	Max	Y	0.001505	40	3.75	5	56
16	UDCon13	Combination	Min	X	0.003151	11	7	19.6	56
16	UDCon13	Combination	Min	Y	0.000864	37	20.5	14.8	56
16	UDCon14	Combination	Max	X	0.000274	33	3.75	19.6	56
16	UDCon14	Combination	Max	Y	0.001483	40	3.75	5	56
16	UDCon14	Combination	Min	X	0.002741	11	7	19.6	56
16	UDCon14	Combination	Min	Y	0.00076	27	17.9	5	56
16	UDCon15	Combination	Max	X	0.000609	33	3.75	19.6	56
16	UDCon15	Combination	Max	Y	0.00158	40	3.75	5	56
16	UDCon15	Combination	Min	X	0.003738	33	3.75	19.6	56
16	UDCon15	Combination	Min	Y	0.000826	27	17.9	5	56
16	UDCon16	Combination	Max	X	0.000862	33	3.75	19.6	56
16	UDCon16	Combination	Max	Y	0.001545	43	26.8	5	56
16	UDCon16	Combination	Min	X	0.003485	11	7	19.6	56
16	UDCon16	Combination	Min	Y	0.000784	27	17.9	5	56
16	UDCon17	Combination	Max	X	0.000458	51	24.7	8.8	56
16	UDCon17	Combination	Max	Y	0.001488	40	3.75	5	56
16	UDCon17	Combination	Min	X	0.003112	11	7	19.6	56
16	UDCon17	Combination	Min	Y	0.000843	37	20.5	14.8	56
16	UDCon18	Combination	Max	X	0.000314	33	3.75	19.6	56
16	UDCon18	Combination	Max	Y	0.001465	40	3.75	5	56
16	UDCon18	Combination	Min	X	0.002701	11	7	19.6	56

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	UDCon18	Combination	Min	Y	0.000739	27	17.9	5	56
16	UDCon19	Combination	Max	X	0.000648	33	3.75	19.6	56
16	UDCon19	Combination	Max	Y	0.001562	40	3.75	5	56
16	UDCon19	Combination	Min	X	0.003699	33	3.75	19.6	56
16	UDCon19	Combination	Min	Y	0.000804	27	17.9	5	56
16	UDCon20	Combination	Max	X	0.000902	33	3.75	19.6	56
16	UDCon20	Combination	Max	Y	0.001523	40	3.75	5	56
16	UDCon20	Combination	Min	X	0.003445	11	7	19.6	56
16	UDCon20	Combination	Min	Y	0.000763	27	17.9	5	56
15	Dead	LinStatic		X	0.000795	43	26.8	5	52.5
15	Dead	LinStatic		Y	0.00044	40	3.75	5	52.5
15	Live	LinStatic		X	0.000135	32	11.4	19.6	52.5
15	Live	LinStatic		Y	7.2E-05	47	26.8	10	52.5
15	FF	LinStatic		X	0.000374	32	11.4	19.6	52.5
15	FF	LinStatic		Y	0.000308	47	26.8	10	52.5
15	PW	LinStatic		X	0.000291	32	11.4	19.6	52.5
15	PW	LinStatic		Y	0.000245	47	26.8	10	52.5
15	Earthquake+x	LinStatic		X	0.002844	32	11.4	19.6	52.5
15	Earthquake+y	LinStatic		Y	0.002949	45	26.8	14.8	52.5
15	TH-X Load Case	LinModHist	Max	X	0.001347	32	11.4	19.6	52.5
15	TH-X Load Case	LinModHist	Max	Y	0.000572	38	3.75	14.8	52.5
15	TH-X Load Case	LinModHist	Min	X	0.001782	32	11.4	19.6	52.5
15	TH-X Load Case	LinModHist	Min	Y	0.000536	39	3.75	10	52.5
15	TH-Y Load Case	LinModHist	Max	X	0.002127	32	11.4	19.6	52.5
15	TH-Y Load Case	LinModHist	Max	Y	0.000643	38	3.75	14.8	52.5
15	TH-Y Load Case	LinModHist	Min	X	0.002391	32	11.4	19.6	52.5
15	TH-Y Load Case	LinModHist	Min	Y	0.000622	38	3.75	14.8	52.5
15	UDCon11	Combination		X	0.001938	32	11.4	19.6	52.5
15	UDCon11	Combination		Y	0.001303	47	26.8	10	52.5
15	UDCon12	Combination		X	0.002141	32	11.4	19.6	52.5
15	UDCon12	Combination		Y	0.001411	47	26.8	10	52.5
15	UDCon13	Combination	Max	X	0.000423	47	26.8	10	52.5
15	UDCon13	Combination	Max	Y	0.001487	38	3.75	14.8	52.5
15	UDCon13	Combination	Min	X	0.003258	32	11.4	19.6	52.5
15	UDCon13	Combination	Min	Y	0.000817	6	20.5	19.6	52.5
15	UDCon14	Combination	Max	X	0.000314	44	26.8	19.6	52.5
15	UDCon14	Combination	Max	Y	0.001453	40	3.75	5	52.5
15	UDCon14	Combination	Min	X	0.002823	32	11.4	19.6	52.5
15	UDCon14	Combination	Min	Y	0.000699	31	15.8	19.6	52.5
15	UDCon15	Combination	Max	X	0.000659	44	26.8	19.6	52.5
15	UDCon15	Combination	Max	Y	0.001558	40	3.75	5	52.5
15	UDCon15	Combination	Min	X	0.003867	32	11.4	19.6	52.5
15	UDCon15	Combination	Min	Y	0.000755	30	17.9	10	52.5
15	UDCon16	Combination	Max	X	0.000922	44	26.8	19.6	52.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
15	UDCon16	Combination	Max	Y	0.001537	38	3.75	14.8	52.5
15	UDCon16	Combination	Min	X	0.003603	32	11.4	19.6	52.5
15	UDCon16	Combination	Min	Y	0.000728	31	15.8	19.6	52.5
15	UDCon17	Combination	Max	X	0.000384	47	26.8	10	52.5
15	UDCon17	Combination	Max	Y	0.00147	38	3.75	14.8	52.5
15	UDCon17	Combination	Min	X	0.003218	32	11.4	19.6	52.5
15	UDCon17	Combination	Min	Y	0.000796	6	20.5	19.6	52.5
15	UDCon18	Combination	Max	X	0.000354	44	26.8	19.6	52.5
15	UDCon18	Combination	Max	Y	0.001436	40	3.75	5	52.5
15	UDCon18	Combination	Min	X	0.002783	32	11.4	19.6	52.5
15	UDCon18	Combination	Min	Y	0.00068	31	15.8	19.6	52.5
15	UDCon19	Combination	Max	X	0.000699	44	26.8	19.6	52.5
15	UDCon19	Combination	Max	Y	0.001542	40	3.75	5	52.5
15	UDCon19	Combination	Min	X	0.003827	32	11.4	19.6	52.5
15	UDCon19	Combination	Min	Y	0.000735	30	17.9	10	52.5
15	UDCon20	Combination	Max	X	0.000962	44	26.8	19.6	52.5
15	UDCon20	Combination	Max	Y	0.001521	38	3.75	14.8	52.5
15	UDCon20	Combination	Min	X	0.003563	32	11.4	19.6	52.5
15	UDCon20	Combination	Min	Y	0.000709	31	15.8	19.6	52.5
14	Dead	LinStatic		X	0.000783	43	26.8	5	49
14	Dead	LinStatic		Y	0.000435	38	3.75	14.8	49
14	Live	LinStatic		X	0.000133	11	7	19.6	49
14	Live	LinStatic		Y	7E-05	43	26.8	5	49
14	FF	LinStatic		X	0.000365	11	7	19.6	49
14	FF	LinStatic		Y	0.000293	45	26.8	14.8	49
14	PW	LinStatic		X	0.000283	11	7	19.6	49
14	PW	LinStatic		Y	0.000232	45	26.8	14.8	49
14	Earthquake+x	LinStatic		X	0.002976	44	26.8	19.6	49
14	Earthquake+y	LinStatic		Y	0.003012	47	26.8	10	49
14	TH-X Load Case	LinModHist	Max	X	0.0014	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Max	Y	0.000582	40	3.75	5	49
14	TH-X Load Case	LinModHist	Min	X	0.001865	44	26.8	19.6	49
14	TH-X Load Case	LinModHist	Min	Y	0.000543	38	3.75	14.8	49
14	TH-Y Load Case	LinModHist	Max	X	0.002224	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Max	Y	0.000654	40	3.75	5	49
14	TH-Y Load Case	LinModHist	Min	X	0.002499	44	26.8	19.6	49
14	TH-Y Load Case	LinModHist	Min	Y	0.000634	40	3.75	5	49
14	UDCon11	Combination		X	0.001894	11	7	19.6	49
14	UDCon11	Combination		Y	0.001239	42	24.7	5	49
14	UDCon12	Combination		X	0.002094	11	7	19.6	49
14	UDCon12	Combination		Y	0.001342	45	26.8	14.8	49
14	UDCon13	Combination	Max	X	0.00035	51	24.7	8.8	49
14	UDCon13	Combination	Max	Y	0.001489	38	3.75	14.8	49
14	UDCon13	Combination	Min	X	0.003307	11	7	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	UDCon13	Combination	Min	Y	0.000777	28	20.5	5	49
14	UDCon14	Combination	Max	X	0.000426	44	26.8	19.6	49
14	UDCon14	Combination	Max	Y	0.001452	38	3.75	14.8	49
14	UDCon14	Combination	Min	X	0.002842	11	7	19.6	49
14	UDCon14	Combination	Min	Y	0.000663	36	15.8	14.8	49
14	UDCon15	Combination	Max	X	0.000785	44	26.8	19.6	49
14	UDCon15	Combination	Max	Y	0.001562	38	3.75	14.8	49
14	UDCon15	Combination	Min	X	0.003941	11	7	19.6	49
14	UDCon15	Combination	Min	Y	0.000718	27	17.9	5	49
14	UDCon16	Combination	Max	X	0.00106	44	26.8	19.6	49
14	UDCon16	Combination	Max	Y	0.001541	40	3.75	5	49
14	UDCon16	Combination	Min	X	0.003665	11	7	19.6	49
14	UDCon16	Combination	Min	Y	0.000689	36	15.8	14.8	49
14	UDCon17	Combination	Max	X	0.000312	51	24.7	8.8	49
14	UDCon17	Combination	Max	Y	0.001473	38	3.75	14.8	49
14	UDCon17	Combination	Min	X	0.003267	11	7	19.6	49
14	UDCon17	Combination	Min	Y	0.000757	28	20.5	5	49
14	UDCon18	Combination	Max	X	0.000466	44	26.8	19.6	49
14	UDCon18	Combination	Max	Y	0.001435	38	3.75	14.8	49
14	UDCon18	Combination	Min	X	0.002802	11	7	19.6	49
14	UDCon18	Combination	Min	Y	0.000644	36	15.8	14.8	49
14	UDCon19	Combination	Max	X	0.000825	44	26.8	19.6	49
14	UDCon19	Combination	Max	Y	0.001545	38	3.75	14.8	49
14	UDCon19	Combination	Min	X	0.003901	11	7	19.6	49
14	UDCon19	Combination	Min	Y	0.000699	27	17.9	5	49
14	UDCon20	Combination	Max	X	0.0011	44	26.8	19.6	49
14	UDCon20	Combination	Max	Y	0.001525	40	3.75	5	49
14	UDCon20	Combination	Min	X	0.003625	11	7	19.6	49
14	UDCon20	Combination	Min	Y	0.00067	36	15.8	14.8	49
13	Dead	LinStatic		X	0.000768	41	7	5	45.5
13	Dead	LinStatic		Y	0.000429	40	3.75	5	45.5
13	Live	LinStatic		X	0.000129	11	7	19.6	45.5
13	Live	LinStatic		Y	6.6E-05	45	26.8	14.8	45.5
13	FF	LinStatic		X	0.000347	11	7	19.6	45.5
13	FF	LinStatic		Y	0.000272	45	26.8	14.8	45.5
13	PW	LinStatic		X	0.000268	11	7	19.6	45.5
13	PW	LinStatic		Y	0.000214	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		X	0.003132	44	26.8	19.6	45.5
13	Earthquake+y	LinStatic		Y	0.003086	43	26.8	5	45.5
13	TH-X Load Case	LinModHist	Max	X	0.001456	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Y	0.000594	39	3.75	10	45.5
13	TH-X Load Case	LinModHist	Min	X	0.00196	44	26.8	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Y	0.000552	38	3.75	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	X	0.002334	44	26.8	19.6	45.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
13	TH-Y Load Case	LinModHist	Max	Y	0.000668	39	3.75	10	45.5
13	TH-Y Load Case	LinModHist	Min	X	0.00262	44	26.8	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Y	0.000649	39	3.75	10	45.5
13	UDCon11	Combination		X	0.001837	41	7	5	45.5
13	UDCon11	Combination		Y	0.001186	40	3.75	5	45.5
13	UDCon12	Combination		X	0.002019	41	7	5	45.5
13	UDCon12	Combination		Y	0.001268	40	3.75	5	45.5
13	UDCon13	Combination	Max	Y	0.001489	40	3.75	5	45.5
13	UDCon13	Combination	Min	X	0.003339	6	20.5	19.6	45.5
13	UDCon13	Combination	Min	Y	0.000718	28	20.5	5	45.5
13	UDCon14	Combination	Max	X	0.000581	44	26.8	19.6	45.5
13	UDCon14	Combination	Max	Y	0.001446	40	3.75	5	45.5
13	UDCon14	Combination	Min	X	0.002836	6	20.5	19.6	45.5
13	UDCon14	Combination	Min	Y	0.000618	31	15.8	19.6	45.5
13	UDCon15	Combination	Max	X	0.000956	44	26.8	19.6	45.5
13	UDCon15	Combination	Max	Y	0.001563	40	3.75	5	45.5
13	UDCon15	Combination	Min	X	0.003999	6	20.5	19.6	45.5
13	UDCon15	Combination	Min	Y	0.000668	27	17.9	5	45.5
13	UDCon16	Combination	Max	X	0.001241	44	26.8	19.6	45.5
13	UDCon16	Combination	Max	Y	0.001544	40	3.75	5	45.5
13	UDCon16	Combination	Min	X	0.003713	6	20.5	19.6	45.5
13	UDCon16	Combination	Min	Y	0.000639	31	15.8	19.6	45.5
13	UDCon17	Combination	Max	Y	0.001473	40	3.75	5	45.5
13	UDCon17	Combination	Min	X	0.0033	6	20.5	19.6	45.5
13	UDCon17	Combination	Min	Y	0.0007	28	20.5	5	45.5
13	UDCon18	Combination	Max	X	0.00062	44	26.8	19.6	45.5
13	UDCon18	Combination	Max	Y	0.00143	40	3.75	5	45.5
13	UDCon18	Combination	Min	X	0.002797	6	20.5	19.6	45.5
13	UDCon18	Combination	Min	Y	0.0006	31	15.8	19.6	45.5
13	UDCon19	Combination	Max	X	0.000994	44	26.8	19.6	45.5
13	UDCon19	Combination	Max	Y	0.001547	40	3.75	5	45.5
13	UDCon19	Combination	Min	X	0.00396	6	20.5	19.6	45.5
13	UDCon19	Combination	Min	Y	0.00065	27	17.9	5	45.5
13	UDCon20	Combination	Max	X	0.00128	44	26.8	19.6	45.5
13	UDCon20	Combination	Max	Y	0.001528	40	3.75	5	45.5
13	UDCon20	Combination	Min	X	0.003675	6	20.5	19.6	45.5
13	UDCon20	Combination	Min	Y	0.000621	31	15.8	19.6	45.5
12F RF	Dead	LinStatic		X	0.000748	43	26.8	5	42
12F RF	Dead	LinStatic		Y	0.00042	40	3.75	5	42
12F RF	Live	LinStatic		X	0.000124	11	7	19.6	42
12F RF	Live	LinStatic		Y	6.1E-05	45	26.8	14.8	42
12F RF	FF	LinStatic		X	0.000322	11	7	19.6	42
12F RF	FF	LinStatic		Y	0.000244	45	26.8	14.8	42
12F RF	PW	LinStatic		X	0.000255	43	26.8	5	42

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
12F RF	PW	LinStatic		Y	0.000201	40	3.75	5	42
12F RF	Earthquake+x	LinStatic		X	0.003291	44	26.8	19.6	42
12F RF	Earthquake+y	LinStatic		Y	0.003159	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Max	X	0.001507	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Y	0.000605	39	3.75	10	42
12F RF	TH-X Load Case	LinModHist	Min	X	0.002053	44	26.8	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Y	0.00056	38	3.75	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	X	0.002444	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Y	0.000682	39	3.75	10	42
12F RF	TH-Y Load Case	LinModHist	Min	X	0.002735	44	26.8	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Y	0.000663	39	3.75	10	42
12F RF	UDCon11	Combination		X	0.001786	43	26.8	5	42
12F RF	UDCon11	Combination		Y	0.001164	40	3.75	5	42
12F RF	UDCon12	Combination		X	0.001964	43	26.8	5	42
12F RF	UDCon12	Combination		Y	0.001244	40	3.75	5	42
12F RF	UDCon13	Combination	Max	Y	0.001483	40	3.75	5	42
12F RF	UDCon13	Combination	Min	X	0.003345	11	7	19.6	42
12F RF	UDCon13	Combination	Min	Y	0.000646	28	20.5	5	42
12F RF	UDCon14	Combination	Max	X	0.000761	44	26.8	19.6	42
12F RF	UDCon14	Combination	Max	Y	0.001438	40	3.75	5	42
12F RF	UDCon14	Combination	Min	X	0.0028	11	7	19.6	42
12F RF	UDCon14	Combination	Min	Y	0.000561	31	15.8	19.6	42
12F RF	UDCon15	Combination	Max	X	0.001152	44	26.8	19.6	42
12F RF	UDCon15	Combination	Max	Y	0.00156	40	3.75	5	42
12F RF	UDCon15	Combination	Min	X	0.004027	6	20.5	19.6	42
12F RF	UDCon15	Combination	Min	Y	0.000605	27	17.9	5	42
12F RF	UDCon16	Combination	Max	X	0.001443	44	26.8	19.6	42
12F RF	UDCon16	Combination	Max	Y	0.00154	40	3.75	5	42
12F RF	UDCon16	Combination	Min	X	0.003736	6	20.5	19.6	42
12F RF	UDCon16	Combination	Min	Y	0.000578	31	15.8	19.6	42
12F RF	UDCon17	Combination	Max	Y	0.001467	40	3.75	5	42
12F RF	UDCon17	Combination	Min	X	0.003308	11	7	19.6	42
12F RF	UDCon17	Combination	Min	Y	0.000629	28	20.5	5	42
12F RF	UDCon18	Combination	Max	X	0.000798	44	26.8	19.6	42
12F RF	UDCon18	Combination	Max	Y	0.001422	40	3.75	5	42
12F RF	UDCon18	Combination	Min	X	0.002763	11	7	19.6	42
12F RF	UDCon18	Combination	Min	Y	0.000544	31	15.8	19.6	42
12F RF	UDCon19	Combination	Max	X	0.001189	44	26.8	19.6	42
12F RF	UDCon19	Combination	Max	Y	0.001544	40	3.75	5	42
12F RF	UDCon19	Combination	Min	X	0.00399	6	20.5	19.6	42
12F RF	UDCon19	Combination	Min	Y	0.000588	27	17.9	5	42
12F RF	UDCon20	Combination	Max	X	0.00148	44	26.8	19.6	42
12F RF	UDCon20	Combination	Max	Y	0.001524	40	3.75	5	42
12F RF	UDCon20	Combination	Min	X	0.003699	6	20.5	19.6	42

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
12F RF	UDCon20	Combination	Min	Y	0.000561	31	15.8	19.6	42
11F RF	Dead	LinStatic		X	0.000722	43	26.8	5	38.5
11F RF	Dead	LinStatic		Y	0.00041	40	3.75	5	38.5
11F RF	Live	LinStatic		X	0.000117	11	7	19.6	38.5
11F RF	Live	LinStatic		Y	5.5E-05	45	26.8	14.8	38.5
11F RF	FF	LinStatic		X	0.000308	43	26.8	5	38.5
11F RF	FF	LinStatic		Y	0.000235	40	3.75	5	38.5
11F RF	PW	LinStatic		X	0.000245	43	26.8	5	38.5
11F RF	PW	LinStatic		Y	0.000196	40	3.75	5	38.5
11F RF	Earthquake+x	LinStatic		X	0.003445	44	26.8	19.6	38.5
11F RF	Earthquake+y	LinStatic		Y	0.003221	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Max	X	0.00155	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Y	0.000615	33	3.75	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	X	0.002138	44	26.8	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Y	0.000566	38	3.75	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	X	0.002546	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Y	0.000696	33	3.75	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	X	0.002835	44	26.8	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Y	0.000673	39	3.75	10	38.5
11F RF	UDCon11	Combination		X	0.001721	43	26.8	5	38.5
11F RF	UDCon11	Combination		Y	0.001135	40	3.75	5	38.5
11F RF	UDCon12	Combination		X	0.001892	43	26.8	5	38.5
11F RF	UDCon12	Combination		Y	0.001213	40	3.75	5	38.5
11F RF	UDCon13	Combination	Max	X	0.00037	33	3.75	19.6	38.5
11F RF	UDCon13	Combination	Max	Y	0.001471	40	3.75	5	38.5
11F RF	UDCon13	Combination	Min	X	0.00332	11	7	19.6	38.5
11F RF	UDCon13	Combination	Min	Y	0.000556	28	20.5	5	38.5
11F RF	UDCon14	Combination	Max	X	0.000958	33	3.75	19.6	38.5
11F RF	UDCon14	Combination	Max	Y	0.001422	40	3.75	5	38.5
11F RF	UDCon14	Combination	Min	X	0.002732	11	7	19.6	38.5
11F RF	UDCon14	Combination	Min	Y	0.000491	31	15.8	19.6	38.5
11F RF	UDCon15	Combination	Max	X	0.001365	44	26.8	19.6	38.5
11F RF	UDCon15	Combination	Max	Y	0.001552	40	3.75	5	38.5
11F RF	UDCon15	Combination	Min	X	0.004016	6	20.5	19.6	38.5
11F RF	UDCon16	Combination	Max	X	0.001655	44	26.8	19.6	38.5
11F RF	UDCon16	Combination	Max	Y	0.001529	40	3.75	5	38.5
11F RF	UDCon16	Combination	Min	X	0.003727	11	7	19.6	38.5
11F RF	UDCon17	Combination	Max	X	0.000405	33	3.75	19.6	38.5
11F RF	UDCon17	Combination	Max	Y	0.001455	40	3.75	5	38.5
11F RF	UDCon17	Combination	Min	X	0.003285	11	7	19.6	38.5
11F RF	UDCon17	Combination	Min	Y	0.000539	28	20.5	5	38.5
11F RF	UDCon18	Combination	Max	X	0.000993	33	3.75	19.6	38.5
11F RF	UDCon18	Combination	Max	Y	0.001406	40	3.75	5	38.5
11F RF	UDCon18	Combination	Min	X	0.002697	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	UDCon18	Combination	Min	Y	0.000475	31	15.8	19.6	38.5
11F RF	UDCon19	Combination	Max	X	0.0014	44	26.8	19.6	38.5
11F RF	UDCon19	Combination	Max	Y	0.001537	40	3.75	5	38.5
11F RF	UDCon19	Combination	Min	X	0.003981	6	20.5	19.6	38.5
11F RF	UDCon20	Combination	Max	X	0.001689	44	26.8	19.6	38.5
11F RF	UDCon20	Combination	Max	Y	0.001513	40	3.75	5	38.5
11F RF	UDCon20	Combination	Min	X	0.003692	11	7	19.6	38.5
10F RF	Dead	LinStatic		X	0.000689	43	26.8	5	35
10F RF	Dead	LinStatic		Y	0.000396	40	3.75	5	35
10F RF	Live	LinStatic		X	0.000109	43	26.8	5	35
10F RF	Live	LinStatic		Y	5E-05	40	3.75	5	35
10F RF	FF	LinStatic		X	0.000293	43	26.8	5	35
10F RF	FF	LinStatic		Y	0.000228	40	3.75	5	35
10F RF	PW	LinStatic		X	0.000233	43	26.8	5	35
10F RF	PW	LinStatic		Y	0.000191	40	3.75	5	35
10F RF	Earthquake+x	LinStatic		X	0.003585	44	26.8	19.6	35
10F RF	Earthquake+y	LinStatic		Y	0.003266	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Max	X	0.001588	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Y	0.000621	33	3.75	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	X	0.00221	44	26.8	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Y	0.000569	40	3.75	5	35
10F RF	TH-Y Load Case	LinModHist	Max	X	0.002634	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Y	0.000708	33	3.75	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	X	0.002913	44	26.8	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Y	0.000681	33	3.75	19.6	35
10F RF	UDCon11	Combination		X	0.00164	43	26.8	5	35
10F RF	UDCon11	Combination		Y	0.0011	40	3.75	5	35
10F RF	UDCon12	Combination		X	0.001805	43	26.8	5	35
10F RF	UDCon12	Combination		Y	0.001175	40	3.75	5	35
10F RF	UDCon13	Combination	Max	X	0.000544	33	3.75	19.6	35
10F RF	UDCon13	Combination	Max	Y	0.00145	40	3.75	5	35
10F RF	UDCon13	Combination	Min	X	0.003256	11	7	19.6	35
10F RF	UDCon14	Combination	Max	X	0.001166	33	3.75	19.6	35
10F RF	UDCon14	Combination	Max	Y	0.001399	40	3.75	5	35
10F RF	UDCon14	Combination	Min	X	0.002634	11	7	19.6	35
10F RF	UDCon15	Combination	Max	X	0.001589	33	3.75	19.6	35
10F RF	UDCon15	Combination	Max	Y	0.001537	40	3.75	5	35
10F RF	UDCon15	Combination	Min	X	0.003958	44	26.8	19.6	35
10F RF	UDCon16	Combination	Max	X	0.001868	33	3.75	19.6	35
10F RF	UDCon16	Combination	Max	Y	0.001509	40	3.75	5	35
10F RF	UDCon16	Combination	Min	X	0.003679	11	7	19.6	35
10F RF	UDCon17	Combination	Max	X	0.000577	33	3.75	19.6	35
10F RF	UDCon17	Combination	Max	Y	0.001435	40	3.75	5	35
10F RF	UDCon17	Combination	Min	X	0.003223	11	7	19.6	35

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
10F RF	UDCon18	Combination	Max	X	0.001198	33	3.75	19.6	35
10F RF	UDCon18	Combination	Max	Y	0.001384	40	3.75	5	35
10F RF	UDCon18	Combination	Min	X	0.002602	11	7	19.6	35
10F RF	UDCon19	Combination	Max	X	0.001622	33	3.75	19.6	35
10F RF	UDCon19	Combination	Max	Y	0.001522	40	3.75	5	35
10F RF	UDCon19	Combination	Min	X	0.003925	44	26.8	19.6	35
10F RF	UDCon20	Combination	Max	X	0.001901	33	3.75	19.6	35
10F RF	UDCon20	Combination	Max	Y	0.001494	40	3.75	5	35
10F RF	UDCon20	Combination	Min	X	0.003647	11	7	19.6	35
9F RF	Dead	LinStatic		X	0.000651	43	26.8	5	31.5
9F RF	Dead	LinStatic		Y	0.000381	40	3.75	5	31.5
9F RF	Live	LinStatic		X	0.000104	43	26.8	5	31.5
9F RF	Live	LinStatic		Y	4.8E-05	40	3.75	5	31.5
9F RF	FF	LinStatic		X	0.000275	43	26.8	5	31.5
9F RF	FF	LinStatic		Y	0.00022	40	3.75	5	31.5
9F RF	PW	LinStatic		X	0.000218	43	26.8	5	31.5
9F RF	PW	LinStatic		Y	0.000184	40	3.75	5	31.5
9F RF	Earthquake+x	LinStatic		X	0.003703	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Y	0.003288	43	26.8	5	31.5
9F RF	TH-X Load Case	LinModHist	Max	X	0.001612	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Y	0.000623	33	3.75	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	X	0.002262	44	26.8	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Y	0.00057	40	3.75	5	31.5
9F RF	TH-Y Load Case	LinModHist	Max	X	0.002716	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Y	0.000716	33	3.75	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	X	0.00296	44	26.8	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Y	0.000684	33	3.75	19.6	31.5
9F RF	UDCon11	Combination		X	0.001544	43	26.8	5	31.5
9F RF	UDCon11	Combination		Y	0.001059	40	3.75	5	31.5
9F RF	UDCon12	Combination		X	0.0017	43	26.8	5	31.5
9F RF	UDCon12	Combination		Y	0.001131	40	3.75	5	31.5
9F RF	UDCon13	Combination	Max	X	0.000731	33	3.75	19.6	31.5
9F RF	UDCon13	Combination	Max	Y	0.001421	40	3.75	5	31.5
9F RF	UDCon13	Combination	Min	X	0.003146	44	26.8	19.6	31.5
9F RF	UDCon14	Combination	Max	X	0.001381	33	3.75	19.6	31.5
9F RF	UDCon14	Combination	Max	Y	0.001369	40	3.75	5	31.5
9F RF	UDCon14	Combination	Min	X	0.002495	44	26.8	19.6	31.5
9F RF	UDCon15	Combination	Max	X	0.001836	33	3.75	19.6	31.5
9F RF	UDCon15	Combination	Max	Y	0.001514	40	3.75	5	31.5
9F RF	UDCon15	Combination	Min	X	0.003844	44	26.8	19.6	31.5
9F RF	UDCon16	Combination	Max	X	0.002079	33	3.75	19.6	31.5
9F RF	UDCon16	Combination	Max	Y	0.001481	40	3.75	5	31.5
9F RF	UDCon16	Combination	Min	X	0.0036	44	26.8	19.6	31.5
9F RF	UDCon17	Combination	Max	X	0.00076	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	UDCon17	Combination	Max	Y	0.001407	40	3.75	5	31.5
9F RF	UDCon17	Combination	Min	X	0.003117	44	26.8	19.6	31.5
9F RF	UDCon18	Combination	Max	X	0.001411	33	3.75	19.6	31.5
9F RF	UDCon18	Combination	Max	Y	0.001355	40	3.75	5	31.5
9F RF	UDCon18	Combination	Min	X	0.002466	44	26.8	19.6	31.5
9F RF	UDCon19	Combination	Max	X	0.001865	33	3.75	19.6	31.5
9F RF	UDCon19	Combination	Max	Y	0.0015	40	3.75	5	31.5
9F RF	UDCon19	Combination	Min	X	0.003814	44	26.8	19.6	31.5
9F RF	UDCon20	Combination	Max	X	0.002108	33	3.75	19.6	31.5
9F RF	UDCon20	Combination	Max	Y	0.001467	40	3.75	5	31.5
9F RF	UDCon20	Combination	Min	X	0.003571	44	26.8	19.6	31.5
8F RF	Dead	LinStatic		X	0.000607	43	26.8	5	28
8F RF	Dead	LinStatic		Y	0.000364	40	3.75	5	28
8F RF	Live	LinStatic		X	9.7E-05	42	24.7	5	28
8F RF	Live	LinStatic		Y	4.6E-05	40	3.75	5	28
8F RF	FF	LinStatic		X	0.000254	43	26.8	5	28
8F RF	FF	LinStatic		Y	0.00021	40	3.75	5	28
8F RF	PW	LinStatic		X	0.000201	43	26.8	5	28
8F RF	PW	LinStatic		Y	0.000176	40	3.75	5	28
8F RF	Earthquake+x	LinStatic		X	0.003789	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Y	0.003281	43	26.8	5	28
8F RF	TH-X Load Case	LinModHist	Max	X	0.001618	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Y	0.00062	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	X	0.002291	33	3.75	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Y	0.000567	40	3.75	5	28
8F RF	TH-Y Load Case	LinModHist	Max	X	0.002777	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Y	0.000719	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	X	0.002972	33	3.75	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Y	0.000682	33	3.75	19.6	28
8F RF	UDCon11	Combination		X	0.001433	43	26.8	5	28
8F RF	UDCon11	Combination		Y	0.001013	40	3.75	5	28
8F RF	UDCon12	Combination		X	0.001578	43	26.8	5	28
8F RF	UDCon12	Combination		Y	0.001081	40	3.75	5	28
8F RF	UDCon13	Combination	Max	X	0.00093	33	3.75	19.6	28
8F RF	UDCon13	Combination	Max	Y	0.001383	40	3.75	5	28
8F RF	UDCon13	Combination	Min	X	0.00311	42	24.7	5	28
8F RF	UDCon14	Combination	Max	X	0.001602	33	3.75	19.6	28
8F RF	UDCon14	Combination	Max	Y	0.001331	40	3.75	5	28
8F RF	UDCon14	Combination	Min	X	0.002313	44	26.8	19.6	28
8F RF	UDCon15	Combination	Max	X	0.002088	33	3.75	19.6	28
8F RF	UDCon15	Combination	Max	Y	0.001483	40	3.75	5	28
8F RF	UDCon15	Combination	Min	X	0.003667	44	26.8	19.6	28
8F RF	UDCon16	Combination	Max	X	0.002283	33	3.75	19.6	28
8F RF	UDCon16	Combination	Max	Y	0.001444	40	3.75	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	UDCon16	Combination	Min	X	0.003471	44	26.8	19.6	28
8F RF	UDCon17	Combination	Max	X	0.000956	33	3.75	19.6	28
8F RF	UDCon17	Combination	Max	Y	0.00137	40	3.75	5	28
8F RF	UDCon17	Combination	Min	X	0.003081	42	24.7	5	28
8F RF	UDCon18	Combination	Max	X	0.001628	33	3.75	19.6	28
8F RF	UDCon18	Combination	Max	Y	0.001318	40	3.75	5	28
8F RF	UDCon18	Combination	Min	X	0.002287	44	26.8	19.6	28
8F RF	UDCon19	Combination	Max	X	0.002114	33	3.75	19.6	28
8F RF	UDCon19	Combination	Max	Y	0.001469	40	3.75	5	28
8F RF	UDCon19	Combination	Min	X	0.003641	44	26.8	19.6	28
8F RF	UDCon20	Combination	Max	X	0.002309	33	3.75	19.6	28
8F RF	UDCon20	Combination	Max	Y	0.001431	40	3.75	5	28
8F RF	UDCon20	Combination	Min	X	0.003445	44	26.8	19.6	28
7F RF	Dead	LinStatic		X	0.000555	41	7	5	24.5
7F RF	Dead	LinStatic		Y	0.000345	40	3.75	5	24.5
7F RF	Live	LinStatic		X	8.9E-05	41	7	5	24.5
7F RF	Live	LinStatic		Y	4.3E-05	40	3.75	5	24.5
7F RF	FF	LinStatic		X	0.000229	41	7	5	24.5
7F RF	FF	LinStatic		Y	0.0002	40	3.75	5	24.5
7F RF	PW	LinStatic		X	0.000181	41	7	5	24.5
7F RF	PW	LinStatic		Y	0.000168	40	3.75	5	24.5
7F RF	Earthquake+x	LinStatic		X	0.003836	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Y	0.003238	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	X	0.001606	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Y	0.000611	39	3.75	10	24.5
7F RF	TH-X Load Case	LinModHist	Min	X	0.002309	33	3.75	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Y	0.00056	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	X	0.002806	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Y	0.000717	39	3.75	10	24.5
7F RF	TH-Y Load Case	LinModHist	Min	X	0.002946	33	3.75	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Y	0.000674	39	3.75	10	24.5
7F RF	UDCon11	Combination		X	0.001304	41	7	5	24.5
7F RF	UDCon11	Combination		Y	0.000963	40	3.75	5	24.5
7F RF	UDCon12	Combination		X	0.001438	41	7	5	24.5
7F RF	UDCon12	Combination		Y	0.001027	40	3.75	5	24.5
7F RF	UDCon13	Combination	Max	X	0.001142	32	11.4	19.6	24.5
7F RF	UDCon13	Combination	Max	Y	0.001337	40	3.75	5	24.5
7F RF	UDCon13	Combination	Min	X	0.003042	42	24.7	5	24.5
7F RF	UDCon14	Combination	Max	X	0.001844	32	11.4	19.6	24.5
7F RF	UDCon14	Combination	Max	Y	0.001286	40	3.75	5	24.5
7F RF	UDCon14	Combination	Min	X	0.00221	41	7	5	24.5
7F RF	UDCon14	Combination	Min	Y	0.00062	48	26.8	12	24.5
7F RF	UDCon15	Combination	Max	X	0.002341	32	11.4	19.6	24.5
7F RF	UDCon15	Combination	Max	Y	0.001443	40	3.75	5	24.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
7F RF	UDCon15	Combination	Min	X	0.003422	44	26.8	19.6	24.5
7F RF	UDCon15	Combination	Min	Y	0.000783	48	26.8	12	24.5
7F RF	UDCon16	Combination	Max	X	0.002481	32	11.4	19.6	24.5
7F RF	UDCon16	Combination	Max	Y	0.0014	40	3.75	5	24.5
7F RF	UDCon16	Combination	Min	X	0.003389	42	24.7	5	24.5
7F RF	UDCon17	Combination	Max	X	0.001163	32	11.4	19.6	24.5
7F RF	UDCon17	Combination	Max	Y	0.001324	40	3.75	5	24.5
7F RF	UDCon17	Combination	Min	X	0.003015	42	24.7	5	24.5
7F RF	UDCon18	Combination	Max	X	0.001866	32	11.4	19.6	24.5
7F RF	UDCon18	Combination	Max	Y	0.001273	40	3.75	5	24.5
7F RF	UDCon18	Combination	Min	X	0.002183	41	7	5	24.5
7F RF	UDCon18	Combination	Min	Y	0.000625	48	26.8	12	24.5
7F RF	UDCon19	Combination	Max	X	0.002362	32	11.4	19.6	24.5
7F RF	UDCon19	Combination	Max	Y	0.00143	40	3.75	5	24.5
7F RF	UDCon19	Combination	Min	X	0.0034	44	26.8	19.6	24.5
7F RF	UDCon19	Combination	Min	Y	0.000788	48	26.8	12	24.5
7F RF	UDCon20	Combination	Max	X	0.002502	32	11.4	19.6	24.5
7F RF	UDCon20	Combination	Max	Y	0.001387	40	3.75	5	24.5
7F RF	UDCon20	Combination	Min	X	0.003362	42	24.7	5	24.5
6F RF	Dead	LinStatic		X	0.000501	41	7	5	21
6F RF	Dead	LinStatic		Y	0.000325	40	3.75	5	21
6F RF	Live	LinStatic		X	8E-05	41	7	5	21
6F RF	Live	LinStatic		Y	4E-05	40	3.75	5	21
6F RF	FF	LinStatic		X	0.000204	41	7	5	21
6F RF	FF	LinStatic		Y	0.00019	40	3.75	5	21
6F RF	PW	LinStatic		X	0.000161	41	7	5	21
6F RF	PW	LinStatic		Y	0.000159	40	3.75	5	21
6F RF	Earthquake+x	LinStatic		X	0.003835	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Y	0.003158	43	26.8	5	21
6F RF	TH-X Load Case	LinModHist	Max	X	0.001574	33	3.75	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Y	0.000597	39	3.75	10	21
6F RF	TH-X Load Case	LinModHist	Min	X	0.002313	31	15.8	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Y	0.000549	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	X	0.002797	31	15.8	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Y	0.000709	39	3.75	10	21
6F RF	TH-Y Load Case	LinModHist	Min	X	0.002877	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Y	0.000663	39	3.75	10	21
6F RF	UDCon11	Combination		X	0.001167	41	7	5	21
6F RF	UDCon11	Combination		Y	0.00091	40	3.75	5	21
6F RF	UDCon12	Combination		X	0.001288	41	7	5	21
6F RF	UDCon12	Combination		Y	0.00097	40	3.75	5	21
6F RF	UDCon13	Combination	Max	X	0.001371	32	11.4	19.6	21
6F RF	UDCon13	Combination	Max	Y	0.001283	40	3.75	5	21
6F RF	UDCon13	Combination	Min	X	0.002933	40	3.75	5	21

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
6F RF	UDCon13	Combination	Min	Y	0.00076	48	26.8	12	21
6F RF	UDCon14	Combination	Max	X	0.002111	32	11.4	19.6	21
6F RF	UDCon14	Combination	Max	Y	0.001234	40	3.75	5	21
6F RF	UDCon14	Combination	Min	X	0.002105	41	7	5	21
6F RF	UDCon14	Combination	Min	Y	0.000921	48	26.8	12	21
6F RF	UDCon15	Combination	Max	X	0.002594	32	11.4	19.6	21
6F RF	UDCon15	Combination	Max	Y	0.001395	40	3.75	5	21
6F RF	UDCon15	Combination	Min	X	0.003241	41	7	5	21
6F RF	UDCon15	Combination	Min	Y	0.00108	48	26.8	12	21
6F RF	UDCon16	Combination	Max	X	0.002674	32	11.4	19.6	21
6F RF	UDCon16	Combination	Max	Y	0.001348	40	3.75	5	21
6F RF	UDCon16	Combination	Min	X	0.003261	40	3.75	5	21
6F RF	UDCon16	Combination	Min	Y	0.000816	48	26.8	12	21
6F RF	UDCon17	Combination	Max	X	0.001388	32	11.4	19.6	21
6F RF	UDCon17	Combination	Max	Y	0.001271	40	3.75	5	21
6F RF	UDCon17	Combination	Min	X	0.002909	40	3.75	5	21
6F RF	UDCon17	Combination	Min	Y	0.00076	48	26.8	12	21
6F RF	UDCon18	Combination	Max	X	0.002127	32	11.4	19.6	21
6F RF	UDCon18	Combination	Max	Y	0.001222	40	3.75	5	21
6F RF	UDCon18	Combination	Min	X	0.002081	41	7	5	21
6F RF	UDCon18	Combination	Min	Y	0.000922	48	26.8	12	21
6F RF	UDCon19	Combination	Max	X	0.002611	32	11.4	19.6	21
6F RF	UDCon19	Combination	Max	Y	0.001383	40	3.75	5	21
6F RF	UDCon19	Combination	Min	X	0.003217	41	7	5	21
6F RF	UDCon19	Combination	Min	Y	0.001081	48	26.8	12	21
6F RF	UDCon20	Combination	Max	X	0.002691	32	11.4	19.6	21
6F RF	UDCon20	Combination	Max	Y	0.001336	40	3.75	5	21
6F RF	UDCon20	Combination	Min	X	0.003237	42	24.7	5	21
6F RF	UDCon20	Combination	Min	Y	0.000817	48	26.8	12	21
5F RF	Dead	LinStatic		X	0.000438	40	3.75	5	17.5
5F RF	Live	LinStatic		X	7.1E-05	40	3.75	5	17.5
5F RF	Live	LinStatic		Y	3.7E-05	40	3.75	5	17.5
5F RF	FF	LinStatic		X	0.000174	40	3.75	5	17.5
5F RF	FF	LinStatic		Y	0.00022	48	26.8	12	17.5
5F RF	PW	LinStatic		X	0.000137	40	3.75	5	17.5
5F RF	PW	LinStatic		Y	0.000216	48	26.8	12	17.5
5F RF	Earthquake+x	LinStatic		X	0.003776	31	15.8	19.6	17.5
5F RF	Earthquake+y	LinStatic		Y	0.003027	48	26.8	12	17.5
5F RF	TH-X Load Case	LinModHist	Max	X	0.001521	31	15.8	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Y	0.000577	40	3.75	5	17.5
5F RF	TH-X Load Case	LinModHist	Min	X	0.00228	32	11.4	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Y	0.000533	33	3.75	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	X	0.002745	32	11.4	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Y	0.000696	40	3.75	5	17.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
5F RF	TH-Y Load Case	LinModHist	Min	X	0.002767	31	15.8	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Y	0.000656	48	26.8	12	17.5
5F RF	UDCon11	Combination		X	0.001011	40	3.75	5	17.5
5F RF	UDCon11	Combination		Y	0.00102	48	26.8	12	17.5
5F RF	UDCon12	Combination		X	0.001117	40	3.75	5	17.5
5F RF	UDCon12	Combination		Y	0.001042	48	26.8	12	17.5
5F RF	UDCon13	Combination	Max	X	0.001621	32	11.4	19.6	17.5
5F RF	UDCon13	Combination	Max	Y	0.00122	40	3.75	5	17.5
5F RF	UDCon13	Combination	Min	X	0.002773	40	3.75	5	17.5
5F RF	UDCon13	Combination	Min	Y	0.001087	48	26.8	12	17.5
5F RF	UDCon14	Combination	Max	X	0.00238	32	11.4	19.6	17.5
5F RF	UDCon14	Combination	Max	Y	0.001175	40	3.75	5	17.5
5F RF	UDCon14	Combination	Min	X	0.001963	40	3.75	5	17.5
5F RF	UDCon14	Combination	Min	Y	0.001263	48	26.8	12	17.5
5F RF	UDCon15	Combination	Max	X	0.002845	32	11.4	19.6	17.5
5F RF	UDCon15	Combination	Max	Y	0.001339	40	3.75	5	17.5
5F RF	UDCon15	Combination	Min	X	0.003069	40	3.75	5	17.5
5F RF	UDCon15	Combination	Min	Y	0.001416	48	26.8	12	17.5
5F RF	UDCon16	Combination	Max	X	0.002867	32	11.4	19.6	17.5
5F RF	UDCon16	Combination	Max	Y	0.001288	40	3.75	5	17.5
5F RF	UDCon16	Combination	Min	X	0.003079	40	3.75	5	17.5
5F RF	UDCon16	Combination	Min	Y	0.001134	48	26.8	12	17.5
5F RF	UDCon17	Combination	Max	X	0.001632	32	11.4	19.6	17.5
5F RF	UDCon17	Combination	Max	Y	0.001208	40	3.75	5	17.5
5F RF	UDCon17	Combination	Min	X	0.002752	40	3.75	5	17.5
5F RF	UDCon17	Combination	Min	Y	0.001083	48	26.8	12	17.5
5F RF	UDCon18	Combination	Max	X	0.002392	32	11.4	19.6	17.5
5F RF	UDCon18	Combination	Max	Y	0.001164	40	3.75	5	17.5
5F RF	UDCon18	Combination	Min	X	0.001942	40	3.75	5	17.5
5F RF	UDCon18	Combination	Min	Y	0.001258	48	26.8	12	17.5
5F RF	UDCon19	Combination	Max	X	0.002857	32	11.4	19.6	17.5
5F RF	UDCon19	Combination	Max	Y	0.001327	40	3.75	5	17.5
5F RF	UDCon19	Combination	Min	X	0.003047	40	3.75	5	17.5
5F RF	UDCon19	Combination	Min	Y	0.001412	48	26.8	12	17.5
5F RF	UDCon20	Combination	Max	X	0.002878	32	11.4	19.6	17.5
5F RF	UDCon20	Combination	Max	Y	0.001277	40	3.75	5	17.5
5F RF	UDCon20	Combination	Min	X	0.003058	40	3.75	5	17.5
5F RF	UDCon20	Combination	Min	Y	0.00113	48	26.8	12	17.5
4F RF	Dead	LinStatic		X	0.000357	40	3.75	5	14
4F RF	Dead	LinStatic		Y	0.000475	48	26.8	12	14
4F RF	Live	LinStatic		X	5.8E-05	40	3.75	5	14
4F RF	FF	LinStatic		X	0.000175	32	11.4	19.6	14
4F RF	FF	LinStatic		Y	0.000333	48	26.8	12	14
4F RF	PW	LinStatic		X	0.000178	32	11.4	19.6	14

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
4F RF	PW	LinStatic		Y	0.000315	48	26.8	12	14
4F RF	Earthquake+x	LinStatic		X	0.003668	44	26.8	19.6	14
4F RF	Earthquake+y	LinStatic		Y	0.002906	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	X	0.001452	44	26.8	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Y	0.000551	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	X	0.002212	32	11.4	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Y	0.000512	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	X	0.002654	31	15.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Y	0.000676	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	X	0.002638	44	26.8	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Y	0.000649	44	26.8	19.6	14
4F RF	UDCon11	Combination		X	0.000797	40	3.75	5	14
4F RF	UDCon11	Combination		Y	0.001518	48	26.8	12	14
4F RF	UDCon12	Combination		X	0.000884	40	3.75	5	14
4F RF	UDCon12	Combination		Y	0.001568	48	26.8	12	14
4F RF	UDCon13	Combination	Max	X	0.001906	31	15.8	19.6	14
4F RF	UDCon13	Combination	Max	Y	0.001139	40	3.75	5	14
4F RF	UDCon13	Combination	Min	X	0.002534	40	3.75	5	14
4F RF	UDCon13	Combination	Min	Y	0.001449	48	26.8	12	14
4F RF	UDCon14	Combination	Max	X	0.002667	32	11.4	19.6	14
4F RF	UDCon14	Combination	Min	X	0.001757	40	3.75	5	14
4F RF	UDCon14	Combination	Min	Y	0.001634	48	26.8	12	14
4F RF	UDCon15	Combination	Max	X	0.00311	31	15.8	19.6	14
4F RF	UDCon15	Combination	Max	Y	0.001263	40	3.75	5	14
4F RF	UDCon15	Combination	Min	X	0.002813	40	3.75	5	14
4F RF	UDCon15	Combination	Min	Y	0.001781	48	26.8	12	14
4F RF	UDCon16	Combination	Max	X	0.00309	31	15.8	19.6	14
4F RF	UDCon16	Combination	Max	Y	0.00121	40	3.75	5	14
4F RF	UDCon16	Combination	Min	X	0.00283	40	3.75	5	14
4F RF	UDCon16	Combination	Min	Y	0.001483	48	26.8	12	14
4F RF	UDCon17	Combination	Max	X	0.001911	31	15.8	19.6	14
4F RF	UDCon17	Combination	Max	Y	0.001129	40	3.75	5	14
4F RF	UDCon17	Combination	Min	X	0.002517	40	3.75	5	14
4F RF	UDCon17	Combination	Min	Y	0.001439	48	26.8	12	14
4F RF	UDCon18	Combination	Max	X	0.002672	32	11.4	19.6	14
4F RF	UDCon18	Combination	Min	X	0.001739	40	3.75	5	14
4F RF	UDCon18	Combination	Min	Y	0.001624	48	26.8	12	14
4F RF	UDCon19	Combination	Max	X	0.003115	31	15.8	19.6	14
4F RF	UDCon19	Combination	Max	Y	0.001252	40	3.75	5	14
4F RF	UDCon19	Combination	Min	X	0.002795	40	3.75	5	14
4F RF	UDCon19	Combination	Min	Y	0.001771	48	26.8	12	14
4F RF	UDCon20	Combination	Max	X	0.003095	31	15.8	19.6	14
4F RF	UDCon20	Combination	Max	Y	0.0012	40	3.75	5	14
4F RF	UDCon20	Combination	Min	X	0.002813	40	3.75	5	14

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
4F RF	UDCon20	Combination	Min	Y	0.001473	48	26.8	12	14
3F RF	Dead	LinStatic		X	0.000369	44	26.8	19.6	10.5
3F RF	Dead	LinStatic		Y	0.000733	45	26.8	14.8	10.5
3F RF	Live	LinStatic		X	4.3E-05	43	26.8	5	10.5
3F RF	Live	LinStatic		Y	6.2E-05	45	26.8	14.8	10.5
3F RF	FF	LinStatic		X	0.00035	44	26.8	19.6	10.5
3F RF	FF	LinStatic		Y	0.000521	45	26.8	14.8	10.5
3F RF	PW	LinStatic		X	0.00033	44	26.8	19.6	10.5
3F RF	PW	LinStatic		Y	0.000481	45	26.8	14.8	10.5
3F RF	Earthquake+x	LinStatic		X	0.003515	44	26.8	19.6	10.5
3F RF	Earthquake+y	LinStatic		Y	0.002613	47	26.8	10	10.5
3F RF	TH-X Load Case	LinModHist	Max	X	0.001371	44	26.8	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Y	0.000517	33	3.75	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	X	0.00212	33	3.75	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Y	0.000483	39	3.75	10	10.5
3F RF	TH-Y Load Case	LinModHist	Max	X	0.002536	11	7	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Y	0.000645	33	3.75	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	X	0.002512	44	26.8	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Y	0.000653	45	26.8	14.8	10.5
3F RF	UDCon11	Combination		X	0.001417	44	26.8	19.6	10.5
3F RF	UDCon11	Combination		Y	0.002343	45	26.8	14.8	10.5
3F RF	UDCon12	Combination		X	0.00144	44	26.8	19.6	10.5
3F RF	UDCon12	Combination		Y	0.002436	45	26.8	14.8	10.5
3F RF	UDCon13	Combination	Max	X	0.002426	44	26.8	19.6	10.5
3F RF	UDCon13	Combination	Min	X	0.002213	43	26.8	5	10.5
3F RF	UDCon13	Combination	Min	Y	0.00208	45	26.8	14.8	10.5
3F RF	UDCon14	Combination	Max	X	0.003172	44	26.8	19.6	10.5
3F RF	UDCon14	Combination	Min	X	0.001464	43	26.8	5	10.5
3F RF	UDCon14	Combination	Min	Y	0.002254	45	26.8	14.8	10.5
3F RF	UDCon15	Combination	Max	X	0.00359	44	26.8	19.6	10.5
3F RF	UDCon15	Combination	Min	X	0.002433	40	3.75	5	10.5
3F RF	UDCon15	Combination	Min	Y	0.002407	45	26.8	14.8	10.5
3F RF	UDCon16	Combination	Max	X	0.003566	44	26.8	19.6	10.5
3F RF	UDCon16	Combination	Min	X	0.002466	43	26.8	5	10.5
3F RF	UDCon16	Combination	Min	Y	0.002086	45	26.8	14.8	10.5
3F RF	UDCon17	Combination	Max	X	0.002421	44	26.8	19.6	10.5
3F RF	UDCon17	Combination	Min	X	0.0022	43	26.8	5	10.5
3F RF	UDCon17	Combination	Min	Y	0.002062	45	26.8	14.8	10.5
3F RF	UDCon18	Combination	Max	X	0.003167	44	26.8	19.6	10.5
3F RF	UDCon18	Combination	Min	X	0.001451	43	26.8	5	10.5
3F RF	UDCon18	Combination	Min	Y	0.002235	45	26.8	14.8	10.5
3F RF	UDCon19	Combination	Max	X	0.003585	44	26.8	19.6	10.5
3F RF	UDCon19	Combination	Min	X	0.002421	40	3.75	5	10.5
3F RF	UDCon19	Combination	Min	Y	0.002389	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	UDCon20	Combination	Max	X	0.003561	44	26.8	19.6	10.5
3F RF	UDCon20	Combination	Min	X	0.002453	43	26.8	5	10.5
3F RF	UDCon20	Combination	Min	Y	0.002068	45	26.8	14.8	10.5
2F RF	Dead	LinStatic		X	0.000611	44	26.8	19.6	7
2F RF	Dead	LinStatic		Y	0.00107	45	26.8	14.8	7
2F RF	Live	LinStatic		X	4.5E-05	33	3.75	19.6	7
2F RF	Live	LinStatic		Y	9.9E-05	45	26.8	14.8	7
2F RF	FF	LinStatic		X	0.000522	44	26.8	19.6	7
2F RF	FF	LinStatic		Y	0.000767	45	26.8	14.8	7
2F RF	PW	LinStatic		X	0.000481	44	26.8	19.6	7
2F RF	PW	LinStatic		Y	0.000699	45	26.8	14.8	7
2F RF	Earthquake+x	LinStatic		X	0.003548	44	26.8	19.6	7
2F RF	Earthquake+y	LinStatic		Y	0.002669	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Max	X	0.00136	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Max	Y	0.00054	48	26.8	12	7
2F RF	TH-X Load Case	LinModHist	Min	X	0.002126	44	26.8	19.6	7
2F RF	TH-X Load Case	LinModHist	Min	Y	0.000437	40	3.75	5	7
2F RF	TH-Y Load Case	LinModHist	Max	X	0.002536	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Max	Y	0.000584	40	3.75	5	7
2F RF	TH-Y Load Case	LinModHist	Min	X	0.002507	44	26.8	19.6	7
2F RF	TH-Y Load Case	LinModHist	Min	Y	0.000694	43	26.8	5	7
2F RF	UDCon11	Combination		X	0.002178	44	26.8	19.6	7
2F RF	UDCon11	Combination		Y	0.003423	45	26.8	14.8	7
2F RF	UDCon12	Combination		X	0.002245	44	26.8	19.6	7
2F RF	UDCon12	Combination		Y	0.003572	45	26.8	14.8	7
2F RF	UDCon13	Combination	Max	X	0.002987	44	26.8	19.6	7
2F RF	UDCon13	Combination	Max	Y	0.002043	45	26.8	14.8	7
2F RF	UDCon13	Combination	Min	X	0.001903	27	17.9	5	7
2F RF	UDCon13	Combination	Min	Y	0.002914	45	26.8	14.8	7
2F RF	UDCon14	Combination	Max	X	0.003753	44	26.8	19.6	7
2F RF	UDCon14	Combination	Max	Y	0.002216	45	26.8	14.8	7
2F RF	UDCon14	Combination	Min	X	0.001215	43	26.8	5	7
2F RF	UDCon14	Combination	Min	Y	0.003087	45	26.8	14.8	7
2F RF	UDCon15	Combination	Max	X	0.004163	44	26.8	19.6	7
2F RF	UDCon15	Combination	Max	Y	0.002184	45	26.8	14.8	7
2F RF	UDCon15	Combination	Min	X	0.002065	27	17.9	5	7
2F RF	UDCon15	Combination	Min	Y	0.003246	45	26.8	14.8	7
2F RF	UDCon16	Combination	Max	X	0.004134	44	26.8	19.6	7
2F RF	UDCon16	Combination	Max	Y	0.001884	45	26.8	14.8	7
2F RF	UDCon16	Combination	Min	X	0.002112	27	17.9	5	7
2F RF	UDCon16	Combination	Min	Y	0.002946	45	26.8	14.8	7
2F RF	UDCon17	Combination	Max	X	0.002974	44	26.8	19.6	7
2F RF	UDCon17	Combination	Max	Y	0.002014	45	26.8	14.8	7
2F RF	UDCon17	Combination	Min	X	0.001895	27	17.9	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	UDCon17	Combination	Min	Y	0.002885	45	26.8	14.8	7
2F RF	UDCon18	Combination	Max	X	0.00374	44	26.8	19.6	7
2F RF	UDCon18	Combination	Max	Y	0.002186	45	26.8	14.8	7
2F RF	UDCon18	Combination	Min	X	0.001205	43	26.8	5	7
2F RF	UDCon18	Combination	Min	Y	0.003057	45	26.8	14.8	7
2F RF	UDCon19	Combination	Max	X	0.00415	44	26.8	19.6	7
2F RF	UDCon19	Combination	Max	Y	0.002154	45	26.8	14.8	7
2F RF	UDCon19	Combination	Min	X	0.002056	27	17.9	5	7
2F RF	UDCon19	Combination	Min	Y	0.003216	45	26.8	14.8	7
2F RF	UDCon20	Combination	Max	X	0.00412	44	26.8	19.6	7
2F RF	UDCon20	Combination	Max	Y	0.001855	45	26.8	14.8	7
2F RF	UDCon20	Combination	Min	X	0.002104	27	17.9	5	7
2F RF	UDCon20	Combination	Min	Y	0.002917	45	26.8	14.8	7
1F RF	Dead	LinStatic		X	0.001638	38	3.75	14.8	3.5
1F RF	Dead	LinStatic		Y	0.001071	44	26.8	19.6	3.5
1F RF	Live	LinStatic		X	0.000306	38	3.75	14.8	3.5
1F RF	Live	LinStatic		Y	0.000163	26	11.4	5	3.5
1F RF	FF	LinStatic		X	0.001154	38	3.75	14.8	3.5
1F RF	FF	LinStatic		Y	0.000772	44	26.8	19.6	3.5
1F RF	PW	LinStatic		X	0.00092	38	3.75	14.8	3.5
1F RF	PW	LinStatic		Y	0.000701	44	26.8	19.6	3.5
1F RF	Earthquake+x	LinStatic		X	0.024286	57	22.6	5.35	3.5
1F RF	Earthquake+y	LinStatic		X	0.005288	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Y	0.026541	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	X	0.012497	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Y	0.004459	35	11.4	10	3.5
1F RF	TH-X Load Case	LinModHist	Min	X	0.023103	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Y	0.007021	35	11.4	10	3.5
1F RF	TH-Y Load Case	LinModHist	Max	X	0.026258	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Y	0.006175	34	11.4	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Min	X	0.021439	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Y	0.005729	35	11.4	10	3.5
1F RF	UDCon11	Combination		X	0.005011	38	3.75	14.8	3.5
1F RF	UDCon11	Combination		Y	0.003435	44	26.8	19.6	3.5
1F RF	UDCon12	Combination		X	0.005471	38	3.75	14.8	3.5
1F RF	UDCon12	Combination		Y	0.003589	44	26.8	19.6	3.5
1F RF	UDCon13	Combination	Max	X	0.012377	57	22.6	5.35	3.5
1F RF	UDCon13	Combination	Max	Y	0.004701	26	11.4	5	3.5
1F RF	UDCon13	Combination	Min	X	0.023223	57	22.6	5.35	3.5
1F RF	UDCon13	Combination	Min	Y	0.007145	35	11.4	10	3.5
1F RF	UDCon14	Combination	Max	X	0.022983	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Max	Y	0.006896	35	11.4	10	3.5
1F RF	UDCon14	Combination	Min	X	0.012617	57	22.6	5.35	3.5
1F RF	UDCon14	Combination	Min	Y	0.005025	44	26.8	19.6	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	UDCon15	Combination	Max	X	0.026138	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Max	Y	0.00602	35	11.4	10	3.5
1F RF	UDCon15	Combination	Min	X	0.021559	57	22.6	5.35	3.5
1F RF	UDCon15	Combination	Min	Y	0.005855	34	11.4	14.8	3.5
1F RF	UDCon16	Combination	Max	X	0.021319	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Max	Y	0.005605	35	11.4	10	3.5
1F RF	UDCon16	Combination	Min	X	0.026378	57	22.6	5.35	3.5
1F RF	UDCon16	Combination	Min	Y	0.006333	34	11.4	14.8	3.5
1F RF	UDCon17	Combination	Max	X	0.012384	57	22.6	5.35	3.5
1F RF	UDCon17	Combination	Max	Y	0.004652	26	11.4	5	3.5
1F RF	UDCon17	Combination	Min	X	0.023216	57	22.6	5.35	3.5
1F RF	UDCon17	Combination	Min	Y	0.007143	35	11.4	10	3.5
1F RF	UDCon18	Combination	Max	X	0.022989	57	22.6	5.35	3.5
1F RF	UDCon18	Combination	Max	Y	0.006899	35	11.4	10	3.5
1F RF	UDCon18	Combination	Min	X	0.01261	57	22.6	5.35	3.5
1F RF	UDCon18	Combination	Min	Y	0.004994	44	26.8	19.6	3.5
1F RF	UDCon19	Combination	Max	X	0.026145	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Max	Y	0.006023	34	11.4	14.8	3.5
1F RF	UDCon19	Combination	Min	X	0.021553	57	22.6	5.35	3.5
1F RF	UDCon19	Combination	Min	Y	0.005851	35	11.4	10	3.5
1F RF	UDCon20	Combination	Max	X	0.021326	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Max	Y	0.005607	35	11.4	10	3.5
1F RF	UDCon20	Combination	Min	X	0.026371	57	22.6	5.35	3.5
1F RF	UDCon20	Combination	Min	Y	0.006328	34	11.4	14.8	3.5

Table 3.8 - Story Forces (Part 1 of 2)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
16	Dead	LinStatic		Top	4138.4802	2.55E-06	0	-2.934E-05	51671.1436
16	Dead	LinStatic		Bottom	5848.7799	2.55E-06	0	-2.993E-05	70927.5297
16	Live	LinStatic		Top	633.08	0	0	-5.3E-06	7910.046
16	Live	LinStatic		Bottom	666.8944	0	0	-5.416E-06	8145.8703
16	FF	LinStatic		Top	2471.6802	9.314E-07	0	-1.041E-05	31126.7236
16	FF	LinStatic		Bottom	3646.7799	9.314E-07	0	-1.075E-05	44002.7097
16	PW	LinStatic		Top	2005.1952	6.727E-07	0	-7.65E-06	25257.4816
16	PW	LinStatic		Bottom	3175.6149	6.727E-07	0	-7.9E-06	38107.2597
16	Earthquake+x	LinStatic		Top	0	-388.3662	7.902E-07	4771.2749	-6.233E-07
16	Earthquake+x	LinStatic		Bottom	0	-395.0833	8.24E-07	4811.2504	-3.407E-06
16	Earthquake+y	LinStatic		Top	0	-8.693E-07	-388.3661	-5958.6033	0
16	Earthquake+y	LinStatic		Bottom	5.309E-07	-8.657E-07	-395.0832	-6087.5269	1370.3647
16	TH-X Load Case	LinModHist	Max	Top	0	300.1601	36.8716	3154.982	0
16	TH-X Load Case	LinModHist	Max	Bottom	0	304.9757	37.2122	3178.7596	178.184
16	TH-X Load Case	LinModHist	Min	Top	0	-263.1378	-50.5551	-3824.6388	0
16	TH-X Load Case	LinModHist	Min	Bottom	0	-267.8421	-51.3073	-3861.9668	-129.6126
16	TH-Y Load Case	LinModHist	Max	Top	0	432.0127	42.3403	3843.8729	5.055E-07

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
16	TH-Y Load Case	LinModHist	Max	Bottom	0	438.3907	42.7537	3874.2487	119.7627
16	TH-Y Load Case	LinModHist	Min	Top	0	-313.7293	-33.7971	-5353.5192	-5.631E-07
16	TH-Y Load Case	LinModHist	Min	Bottom	0	-318.7989	-34.6897	-5391.7075	-148.8732
16	UDCon11	Combination		Top	11630.7301	5.609E-06	5.469E-07	-0.0001	145874.7209
16	UDCon11	Combination		Bottom	17106.0858	5.609E-06	0	-0.0001	206600.6237
16	UDCon12	Combination		Top	12580.3501	6.317E-06	5.974E-07	-0.0001	157739.7899
16	UDCon12	Combination		Bottom	18106.4275	6.317E-06	5.012E-07	-0.0001	218819.4292
16	UDCon13	Combination	Max	Top	8805.2796	300.1601	36.8716	3154.9819	110428.3626
16	UDCon13	Combination	Max	Bottom	12871.243	304.9757	37.2122	3178.7596	155659.4441
16	UDCon13	Combination	Min	Top	8805.2796	-263.1378	-50.5551	-3824.6388	110428.3626
16	UDCon13	Combination	Min	Bottom	12871.243	-267.8421	-51.3073	-3861.9668	155351.6476
16	UDCon14	Combination	Max	Top	8805.2796	263.1378	50.5551	3824.6387	110428.3626
16	UDCon14	Combination	Max	Bottom	12871.243	267.8421	51.3073	3861.9667	155610.8727
16	UDCon14	Combination	Min	Top	8805.2796	-300.1601	-36.8716	-3154.982	110428.3626
16	UDCon14	Combination	Min	Bottom	12871.243	-304.9757	-37.2122	-3178.7597	155303.0762
16	UDCon15	Combination	Max	Top	8805.2796	432.0127	42.3403	3843.8729	110428.3626
16	UDCon15	Combination	Max	Bottom	12871.243	438.3907	42.7537	3874.2487	155601.0228
16	UDCon15	Combination	Min	Top	8805.2796	-313.7293	-33.7971	-5353.5192	110428.3626
16	UDCon15	Combination	Min	Bottom	12871.243	-318.7989	-34.6897	-5391.7076	155332.387
16	UDCon16	Combination	Max	Top	8805.2796	313.7293	33.7971	5353.5191	110428.3626
16	UDCon16	Combination	Max	Bottom	12871.243	318.7989	34.6897	5391.7075	155630.1333
16	UDCon16	Combination	Min	Top	8805.2796	-432.0126	-42.3403	-3843.873	110428.3626
16	UDCon16	Combination	Min	Bottom	12871.243	-438.3906	-42.7537	-3874.2488	155361.4975
16	UDCon17	Combination	Max	Top	8615.3556	300.1601	36.8716	3154.9819	108055.3488
16	UDCon17	Combination	Max	Bottom	12671.1747	304.9757	37.2122	3178.7596	153215.683
16	UDCon17	Combination	Min	Top	8615.3556	-263.1378	-50.5551	-3824.6388	108055.3488
16	UDCon17	Combination	Min	Bottom	12671.1747	-267.8421	-51.3073	-3861.9668	152907.8865
16	UDCon18	Combination	Max	Top	8615.3556	263.1378	50.5551	3824.6387	108055.3488
16	UDCon18	Combination	Max	Bottom	12671.1747	267.8421	51.3073	3861.9667	153167.1116
16	UDCon18	Combination	Min	Top	8615.3556	-300.1601	-36.8716	-3154.982	108055.3488
16	UDCon18	Combination	Min	Bottom	12671.1747	-304.9757	-37.2122	-3178.7597	152859.3151
16	UDCon19	Combination	Max	Top	8615.3556	432.0127	42.3403	3843.8729	108055.3488
16	UDCon19	Combination	Max	Bottom	12671.1747	438.3907	42.7537	3874.2487	153157.2617
16	UDCon19	Combination	Min	Top	8615.3556	-313.7293	-33.7971	-5353.5192	108055.3488
16	UDCon19	Combination	Min	Bottom	12671.1747	-318.7989	-34.6897	-5391.7076	152888.6259
16	UDCon20	Combination	Max	Top	8615.3556	313.7293	33.7971	5353.5191	108055.3488
16	UDCon20	Combination	Max	Bottom	12671.1747	318.7989	34.6897	5391.7075	153186.3722
16	UDCon20	Combination	Min	Top	8615.3556	-432.0126	-42.3403	-3843.8729	108055.3488
16	UDCon20	Combination	Min	Bottom	12671.1747	-438.3906	-42.7537	-3874.2488	152917.7364
15	Dead	LinStatic		Top	9987.2601	3.405E-06	0	-4.246E-05	122598.6733
15	Dead	LinStatic		Bottom	11697.5598	3.405E-06	0	-4.284E-05	141855.0594
15	Live	LinStatic		Top	1299.9744	6.29E-07	0	-7.562E-06	16055.9163
15	Live	LinStatic		Bottom	1333.7889	6.289E-07	0	-7.662E-06	16291.7406
15	FF	LinStatic		Top	6118.4601	1.24E-06	0	-1.594E-05	75129.4333
15	FF	LinStatic		Bottom	7293.5598	1.24E-06	0	-1.616E-05	88005.4194

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
15	PW	LinStatic		Top	5180.8101	8.957E-07	0	-1.182E-05	63364.7413
15	PW	LinStatic		Bottom	6351.2298	8.956E-07	0	-1.195E-05	76214.5194
15	Earthquake+x	LinStatic		Top	0	-838.9968	6.694E-07	10176.3388	-3.134E-06
15	Earthquake+x	LinStatic		Bottom	0	-845.294	7.114E-07	10213.8158	-5.482E-06
15	Earthquake+y	LinStatic		Top	0	-1.053E-06	-838.9967	-13017.4389	1370.3647
15	Earthquake+y	LinStatic		Bottom	0	-1.05E-06	-845.294	-13138.3049	4317.2438
15	TH-X Load Case	LinModHist	Max	Top	0	629.014	76.2623	6630.8325	178.184
15	TH-X Load Case	LinModHist	Max	Bottom	0	633.2085	76.5735	6655.2136	547.9323
15	TH-X Load Case	LinModHist	Min	Top	0	-543.0612	-105.3363	-8134.8041	-129.6126
15	TH-X Load Case	LinModHist	Min	Bottom	0	-547.1132	-105.9856	-8169.1974	-397.0442
15	TH-Y Load Case	LinModHist	Max	Top	0	893.6248	87.392	8220.0255	119.7627
15	TH-Y Load Case	LinModHist	Max	Bottom	0	899.0809	87.7263	8248.7982	379.5559
15	TH-Y Load Case	LinModHist	Min	Top	0	-673.2509	-73.8503	-10975.0977	-148.8732
15	TH-Y Load Case	LinModHist	Min	Bottom	0	-677.9003	-74.6487	-11007.1732	-455.2968
15	UDCon11	Combination		Top	28736.8159	7.479E-06	0	-0.0001	352475.3447
15	UDCon11	Combination		Bottom	34212.1716	7.479E-06	0	-0.0001	413201.2475
15	UDCon12	Combination		Top	30686.7776	8.423E-06	0	-0.0001	376559.2191
15	UDCon12	Combination		Bottom	36212.855	8.422E-06	0	-0.0001	437638.8584
15	UDCon13	Combination	Max	Top	21676.5226	629.014	76.2623	6630.8324	266087.8068
15	UDCon13	Combination	Max	Bottom	25742.486	633.2085	76.5735	6655.2135	311510.4526
15	UDCon13	Combination	Min	Top	21676.5226	-543.0612	-105.3363	-8134.8041	265780.0102
15	UDCon13	Combination	Min	Bottom	25742.486	-547.1132	-105.9856	-8169.1975	310565.4762
15	UDCon14	Combination	Max	Top	21676.5226	543.0612	105.3363	8134.804	266039.2354
15	UDCon14	Combination	Max	Bottom	25742.486	547.1133	105.9856	8169.1974	311359.5645
15	UDCon14	Combination	Min	Top	21676.5226	-629.014	-76.2623	-6630.8326	265731.4388
15	UDCon14	Combination	Min	Bottom	25742.486	-633.2084	-76.5735	-6655.2137	310414.588
15	UDCon15	Combination	Max	Top	21676.5226	893.6248	87.392	8220.0254	266029.3855
15	UDCon15	Combination	Max	Bottom	25742.486	899.0809	87.7263	8248.7981	311342.0762
15	UDCon15	Combination	Min	Top	21676.5226	-673.2509	-73.8503	-10975.0977	265760.7496
15	UDCon15	Combination	Min	Bottom	25742.486	-677.9003	-74.6487	-11007.1733	310507.2235
15	UDCon16	Combination	Max	Top	21676.5226	673.2509	73.8503	10975.0976	266058.4959
15	UDCon16	Combination	Max	Bottom	25742.486	677.9003	74.6487	11007.1731	311417.8171
15	UDCon16	Combination	Min	Top	21676.5226	-893.6247	-87.392	-8220.0255	265789.8601
15	UDCon16	Combination	Min	Bottom	25742.486	-899.0809	-87.7263	-8248.7982	310582.9644
15	UDCon17	Combination	Max	Top	21286.5303	629.014	76.2623	6630.8324	261271.0319
15	UDCon17	Combination	Max	Bottom	25342.3494	633.2085	76.5735	6655.2136	306622.9304
15	UDCon17	Combination	Min	Top	21286.5303	-543.0612	-105.3363	-8134.8041	260963.2353
15	UDCon17	Combination	Min	Bottom	25342.3494	-547.1132	-105.9856	-8169.1975	305677.954
15	UDCon18	Combination	Max	Top	21286.5303	543.0612	105.3363	8134.804	261222.4605
15	UDCon18	Combination	Max	Bottom	25342.3494	547.1133	105.9856	8169.1974	306472.0423
15	UDCon18	Combination	Min	Top	21286.5303	-629.014	-76.2623	-6630.8325	260914.6639
15	UDCon18	Combination	Min	Bottom	25342.3494	-633.2084	-76.5735	-6655.2137	305527.0658
15	UDCon19	Combination	Max	Top	21286.5303	893.6248	87.392	8220.0254	261212.6106
15	UDCon19	Combination	Max	Bottom	25342.3494	899.0809	87.7263	8248.7981	306454.554
15	UDCon19	Combination	Min	Top	21286.5303	-673.2509	-73.8503	-10975.0977	260943.9748

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
15	UDCon19	Combination	Min	Bottom	25342.3494	-677.9003	-74.6487	-11007.1733	305619.7013
15	UDCon20	Combination	Max	Top	21286.5303	673.2509	73.8503	10975.0976	261241.7211
15	UDCon20	Combination	Max	Bottom	25342.3494	677.9003	74.6487	11007.1731	306530.295
15	UDCon20	Combination	Min	Top	21286.5303	-893.6247	-87.392	-8220.0255	260973.0852
15	UDCon20	Combination	Min	Bottom	25342.3494	-899.0809	-87.7263	-8248.7982	305695.4422
14	Dead	LinStatic		Top	15836.04	5.528E-06	0	-0.0001	193526.203
14	Dead	LinStatic		Bottom	17546.3397	5.526E-06	0	-0.0001	212782.5891
14	Live	LinStatic		Top	1966.8689	1.072E-06	0	-1.398E-05	24201.7866
14	Live	LinStatic		Bottom	2000.6833	1.072E-06	0	-1.397E-05	24437.611
14	FF	LinStatic		Top	9765.24	1.879E-06	0	-2.501E-05	119132.143
14	FF	LinStatic		Bottom	10940.3397	1.878E-06	0	-2.487E-05	132008.1291
14	PW	LinStatic		Top	8356.425	1.295E-06	0	-1.746E-05	101472.001
14	PW	LinStatic		Bottom	9526.8447	1.295E-06	0	-1.732E-05	114321.7791
14	Earthquake+x	LinStatic		Top	0	-1259.6133	8.132E-07	15585.8331	-5.656E-06
14	Earthquake+x	LinStatic		Bottom	0	-1265.4908	8.228E-07	15620.8116	-8.406E-06
14	Earthquake+y	LinStatic		Top	0	-3.867E-06	-1259.6133	-20100.2983	4317.2437
14	Earthquake+y	LinStatic		Bottom	0	-3.864E-06	-1265.4907	-20213.1065	8735.588
14	TH-X Load Case	LinModHist	Max	Top	0	913.7078	110.7581	9712.8931	547.9323
14	TH-X Load Case	LinModHist	Max	Bottom	0	917.2636	111.0302	9733.7413	1082.8323
14	TH-X Load Case	LinModHist	Min	Top	0	-773.1301	-152.5727	-12107.13	-397.0442
14	TH-X Load Case	LinModHist	Min	Bottom	0	-776.497	-153.1154	-12138.5311	-785.1465
14	TH-Y Load Case	LinModHist	Max	Top	0	1281.6011	126.5202	12302.3018	379.5559
14	TH-Y Load Case	LinModHist	Max	Bottom	0	1286.1163	126.7699	12329.4849	764.8234
14	TH-Y Load Case	LinModHist	Min	Top	0	-1003.1645	-109.7487	-15665.5529	-455.2968
14	TH-Y Load Case	LinModHist	Min	Bottom	0	-1007.3749	-110.4438	-15691.6722	-898.5295
14	UDCon11	Combination		Top	45842.9017	1.175E-05	0	-0.0002	559075.9684
14	UDCon11	Combination		Bottom	51318.2575	1.174E-05	0	-0.0002	619801.8712
14	UDCon12	Combination		Top	48793.205	1.336E-05	0	-0.0002	595378.6484
14	UDCon12	Combination		Bottom	54319.2825	1.335E-05	0	-0.0002	656458.2876
14	UDCon13	Combination	Max	Top	34547.7656	913.7078	110.7581	9712.893	421938.8153
14	UDCon13	Combination	Max	Bottom	38613.729	917.2636	111.0302	9733.7412	467526.6127
14	UDCon13	Combination	Min	Top	34547.7656	-773.1301	-152.5727	-12107.1301	420993.8388
14	UDCon13	Combination	Min	Bottom	38613.729	-776.497	-153.1154	-12138.5312	465658.634
14	UDCon14	Combination	Max	Top	34547.7656	773.1302	152.5727	12107.1299	421787.9271
14	UDCon14	Combination	Max	Bottom	38613.729	776.497	153.1154	12138.5309	467228.9269
14	UDCon14	Combination	Min	Top	34547.7656	-913.7078	-110.7581	-9712.8932	420842.9507
14	UDCon14	Combination	Min	Bottom	38613.729	-917.2636	-111.0302	-9733.7415	465360.9482
14	UDCon15	Combination	Max	Top	34547.7656	1281.6011	126.5202	12302.3017	421770.4389
14	UDCon15	Combination	Max	Bottom	38613.729	1286.1163	126.7699	12329.4848	467208.6039
14	UDCon15	Combination	Min	Top	34547.7656	-1003.1644	-109.7487	-15665.553	420935.5861
14	UDCon15	Combination	Min	Bottom	38613.729	-1007.3749	-110.4438	-15691.6723	465545.251
14	UDCon16	Combination	Max	Top	34547.7656	1003.1645	109.7487	15665.5527	421846.1798
14	UDCon16	Combination	Max	Bottom	38613.729	1007.3749	110.4438	15691.6721	467342.31
14	UDCon16	Combination	Min	Top	34547.7656	-1281.6011	-126.5202	-12302.3019	421011.327
14	UDCon16	Combination	Min	Bottom	38613.729	-1286.1163	-126.7699	-12329.4851	465678.9571

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
14	UDCon17	Combination	Max	Top	33957.705	913.7078	110.7581	9712.893	414678.2793
14	UDCon17	Combination	Max	Bottom	38013.524	917.2636	111.0302	9733.7412	460195.3294
14	UDCon17	Combination	Min	Top	33957.705	-773.1301	-152.5727	-12107.1301	413733.3028
14	UDCon17	Combination	Min	Bottom	38013.524	-776.497	-153.1154	-12138.5312	458327.3507
14	UDCon18	Combination	Max	Top	33957.705	773.1302	152.5727	12107.1299	414527.3911
14	UDCon18	Combination	Max	Bottom	38013.524	776.497	153.1154	12138.5309	459897.6437
14	UDCon18	Combination	Min	Top	33957.705	-913.7078	-110.7581	-9712.8932	413582.4147
14	UDCon18	Combination	Min	Bottom	38013.524	-917.2636	-111.0302	-9733.7415	458029.6649
14	UDCon19	Combination	Max	Top	33957.705	1281.6011	126.5202	12302.3017	414509.9029
14	UDCon19	Combination	Max	Bottom	38013.524	1286.1163	126.7699	12329.4848	459877.3206
14	UDCon19	Combination	Min	Top	33957.705	-1003.1644	-109.7487	-15665.553	413675.0501
14	UDCon19	Combination	Min	Bottom	38013.524	-1007.3749	-110.4438	-15691.6723	458213.9677
14	UDCon20	Combination	Max	Top	33957.705	1003.1645	109.7487	15665.5527	414585.6438
14	UDCon20	Combination	Max	Bottom	38013.524	1007.3749	110.4438	15691.6721	460011.0267
14	UDCon20	Combination	Min	Top	33957.705	-1281.6011	-126.5202	-12302.3019	413750.791
14	UDCon20	Combination	Min	Bottom	38013.524	-1286.1163	-126.7699	-12329.4851	458347.6738
13	Dead	LinStatic		Top	21684.8199	6.411E-06	0	-0.0001	264453.7327
13	Dead	LinStatic		Bottom	23395.1196	6.411E-06	0	-0.0001	283710.1188
13	Live	LinStatic		Top	2633.7633	1.264E-06	0	-1.665E-05	32347.657
13	Live	LinStatic		Bottom	2667.5778	1.264E-06	0	-1.67E-05	32583.4813
13	FF	LinStatic		Top	13412.0199	2.116E-06	0	-2.77E-05	163134.8527
13	FF	LinStatic		Bottom	14587.1196	2.116E-06	0	-2.789E-05	176010.8388
13	PW	LinStatic		Top	11532.0399	1.43E-06	0	-1.878E-05	139579.2607
13	PW	LinStatic		Bottom	12702.4596	1.43E-06	0	-1.893E-05	152429.0388
13	Earthquake+x	LinStatic		Top	0	-1650.2158	1.697E-06	20609.1132	-7.559E-06
13	Earthquake+x	LinStatic		Bottom	0	-1655.6735	1.696E-06	20641.5932	-1.353E-05
13	Earthquake+y	LinStatic		Top	0	-5.315E-06	-1650.2157	-26677.8147	8735.588
13	Earthquake+y	LinStatic		Bottom	0	-5.31E-06	-1655.6734	-26782.5652	14520.3481
13	TH-X Load Case	LinModHist	Max	Top	0	1165.912	140.3094	12357.3582	1082.8322
13	TH-X Load Case	LinModHist	Max	Bottom	0	1169.5211	140.5439	12374.5284	1756.2439
13	TH-X Load Case	LinModHist	Min	Top	0	-951.2981	-192.1977	-15723.2635	-785.1465
13	TH-X Load Case	LinModHist	Min	Bottom	0	-953.9572	-192.6339	-15751.5428	-1276.6163
13	TH-Y Load Case	LinModHist	Max	Top	0	1596.1939	159.6356	16075.9123	764.8234
13	TH-Y Load Case	LinModHist	Max	Bottom	0	1599.7945	159.8	16101.4152	1260.5858
13	TH-Y Load Case	LinModHist	Min	Top	0	-1302.1519	-141.3682	-19558.3446	-898.5295
13	TH-Y Load Case	LinModHist	Min	Bottom	0	-1305.9073	-141.9583	-19584.3908	-1457.5254
13	UDCon11	Combination		Top	62948.9875	1.344E-05	7.021E-07	-0.0002	765676.5922
13	UDCon11	Combination		Bottom	68424.3433	1.344E-05	6.56E-07	-0.0002	826402.495
13	UDCon12	Combination		Top	66899.6325	1.534E-05	7.573E-07	-0.0002	814198.0776
13	UDCon12	Combination		Bottom	72425.7099	1.534E-05	7.073E-07	-0.0002	875277.7169
13	UDCon13	Combination	Max	Top	47419.0087	1165.9121	140.3094	12357.3581	577954.9754
13	UDCon13	Combination	Max	Bottom	51484.9721	1169.5211	140.5439	12374.5283	623681.2845
13	UDCon13	Combination	Min	Top	47419.0087	-951.2981	-192.1977	-15723.2637	576086.9967
13	UDCon13	Combination	Min	Bottom	51484.9721	-953.9572	-192.6339	-15751.543	620648.4244
13	UDCon14	Combination	Max	Top	47419.0087	951.2982	192.1977	15723.2634	577657.2896

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
13	UDCon14	Combination	Max	Bottom	51484.9721	953.9572	192.6339	15751.5427	623201.6569
13	UDCon14	Combination	Min	Top	47419.0087	-1165.912	-140.3094	-12357.3584	575789.3109
13	UDCon14	Combination	Min	Bottom	51484.9721	-1169.5211	-140.5439	-12374.5285	620168.7968
13	UDCon15	Combination	Max	Top	47419.0087	1596.1939	159.6356	16075.9121	577636.9665
13	UDCon15	Combination	Max	Bottom	51484.9721	1599.7945	159.8	16101.415	623185.6265
13	UDCon15	Combination	Min	Top	47419.0087	-1302.1519	-141.3682	-19558.3447	575973.6136
13	UDCon15	Combination	Min	Bottom	51484.9721	-1305.9073	-141.9583	-19584.391	620467.5152
13	UDCon16	Combination	Max	Top	47419.0087	1302.1519	141.3682	19558.3444	577770.6727
13	UDCon16	Combination	Max	Bottom	51484.9721	1305.9073	141.9583	19584.3907	623382.5661
13	UDCon16	Combination	Min	Top	47419.0087	-1596.1939	-159.6356	-16075.9124	576107.3197
13	UDCon16	Combination	Min	Bottom	51484.9721	-1599.7945	-159.8	-16101.4153	620664.4548
13	UDCon17	Combination	Max	Top	46628.8797	1165.9121	140.3094	12357.3581	568250.6783
13	UDCon17	Combination	Max	Bottom	50684.6987	1169.5211	140.5439	12374.5283	613906.2401
13	UDCon17	Combination	Min	Top	46628.8797	-951.2981	-192.1977	-15723.2637	566382.6996
13	UDCon17	Combination	Min	Bottom	50684.6987	-953.9572	-192.6339	-15751.543	610873.38
13	UDCon18	Combination	Max	Top	46628.8797	951.2982	192.1977	15723.2634	567952.9925
13	UDCon18	Combination	Max	Bottom	50684.6987	953.9572	192.6339	15751.5427	613426.6125
13	UDCon18	Combination	Min	Top	46628.8797	-1165.912	-140.3094	-12357.3584	566085.0138
13	UDCon18	Combination	Min	Bottom	50684.6987	-1169.5211	-140.5439	-12374.5285	610393.7524
13	UDCon19	Combination	Max	Top	46628.8797	1596.1939	159.6356	16075.9121	567932.6694
13	UDCon19	Combination	Max	Bottom	50684.6987	1599.7945	159.8	16101.415	613410.5821
13	UDCon19	Combination	Min	Top	46628.8797	-1302.1519	-141.3682	-19558.3447	566269.3165
13	UDCon19	Combination	Min	Bottom	50684.6987	-1305.9073	-141.9583	-19584.391	610692.4709
13	UDCon20	Combination	Max	Top	46628.8797	1302.1519	141.3682	19558.3444	568066.3756
13	UDCon20	Combination	Max	Bottom	50684.6987	1305.9073	141.9583	19584.3907	613607.5217
13	UDCon20	Combination	Min	Top	46628.8797	-1596.1939	-159.6356	-16075.9124	566403.0227
13	UDCon20	Combination	Min	Bottom	50684.6987	-1599.7945	-159.8	-16101.4153	610889.4105
12F RF	Dead	LinStatic		Top	27533.5998	6.41E-06	0	-0.0001	335381.2624
12F RF	Dead	LinStatic		Bottom	29243.8995	6.41E-06	0	-0.0001	354637.6485
12F RF	Live	LinStatic		Top	3300.6578	1.278E-06	0	-1.733E-05	40493.5273
12F RF	Live	LinStatic		Bottom	3334.4722	1.278E-06	0	-1.732E-05	40729.3516
12F RF	FF	LinStatic		Top	17058.7998	2.081E-06	0	-2.808E-05	207137.5624
12F RF	FF	LinStatic		Bottom	18233.8995	2.081E-06	0	-2.799E-05	220013.5485
12F RF	PW	LinStatic		Top	14707.6548	1.388E-06	0	-1.874E-05	177686.5204
12F RF	PW	LinStatic		Bottom	15878.0745	1.387E-06	0	-1.865E-05	190536.2984
12F RF	Earthquake+x	LinStatic		Top	0	-2010.8043	2.402E-06	25246.179	-1.45E-05
12F RF	Earthquake+x	LinStatic		Bottom	0	-2015.8421	2.42E-06	25276.1606	-2.288E-05
12F RF	Earthquake+y	LinStatic		Top	0	-5.99E-06	-2010.8042	-32749.9882	14520.3481
12F RF	Earthquake+y	LinStatic		Bottom	0	-5.987E-06	-2015.842	-32846.6809	21566.4751
12F RF	TH-X Load Case	LinModHist	Max	Top	0	1407.1064	164.9575	14540.626	1756.2439
12F RF	TH-X Load Case	LinModHist	Max	Bottom	0	1410.2812	165.157	14553.9758	2541.6464
12F RF	TH-X Load Case	LinModHist	Min	Top	0	-1076.2036	-224.2448	-18961.4252	-1276.6163
12F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1078.1467	-224.5756	-18986.4398	-1854.2968
12F RF	TH-Y Load Case	LinModHist	Max	Top	0	1868.7139	186.7231	19525.9111	1260.5858
12F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	1872.6474	186.8028	19549.6475	1851.7349

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
12F RF	TH-Y Load Case	LinModHist	Min	Top	0	-1569.0128	-168.6713	-23308.6192	-1457.5254
12F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-1572.3021	-169.1559	-23330.1072	-2111.1877
12F RF	UDCon11	Combination		Top	80055.0734	1.334E-05	8.528E-07	-0.0002	972277.2159
12F RF	UDCon11	Combination		Bottom	85530.4291	1.334E-05	8.764E-07	-0.0002	1033003.1187
12F RF	UDCon12	Combination		Top	85006.06	1.525E-05	9.08E-07	-0.0002	1033017.5068
12F RF	UDCon12	Combination		Bottom	90532.1374	1.525E-05	9.321E-07	-0.0002	1094097.1461
12F RF	UDCon13	Combination	Max	Top	60290.2517	1407.1064	164.9575	14540.6259	734109.6472
12F RF	UDCon13	Combination	Max	Bottom	64356.2151	1410.2812	165.157	14553.9757	779947.9472
12F RF	UDCon13	Combination	Min	Top	60290.2517	-1076.2036	-224.2448	-18961.4254	731076.787
12F RF	UDCon13	Combination	Min	Bottom	64356.2151	-1078.1467	-224.5756	-18986.4399	775552.0041
12F RF	UDCon14	Combination	Max	Top	60290.2517	1076.2037	224.2448	18961.4251	733630.0196
12F RF	UDCon14	Combination	Max	Bottom	64356.2151	1078.1467	224.5756	18986.4396	779260.5976
12F RF	UDCon14	Combination	Min	Top	60290.2517	-1407.1064	-164.9575	-14540.6261	730597.1594
12F RF	UDCon14	Combination	Min	Bottom	64356.2151	-1410.2812	-165.157	-14553.9759	774864.6544
12F RF	UDCon15	Combination	Max	Top	60290.2517	1868.714	186.7231	19525.911	733613.9891
12F RF	UDCon15	Combination	Max	Bottom	64356.2151	1872.6474	186.8028	19549.6473	779258.0357
12F RF	UDCon15	Combination	Min	Top	60290.2517	-1569.0128	-168.6713	-23308.6193	730895.8779
12F RF	UDCon15	Combination	Min	Bottom	64356.2151	-1572.3021	-169.1559	-23330.1074	775295.1131
12F RF	UDCon16	Combination	Max	Top	60290.2517	1569.0128	168.6713	23308.619	733810.9287
12F RF	UDCon16	Combination	Max	Bottom	64356.2151	1572.3021	169.1559	23330.1071	779517.4886
12F RF	UDCon16	Combination	Min	Top	60290.2517	-1868.7139	-186.7231	-19525.9112	731092.8175
12F RF	UDCon16	Combination	Min	Bottom	64356.2151	-1872.6474	-186.8028	-19549.6476	775554.5659
12F RF	UDCon17	Combination	Max	Top	59300.0543	1407.1064	164.9575	14540.6259	721961.589
12F RF	UDCon17	Combination	Max	Bottom	63355.8734	1410.2812	165.157	14553.9757	767729.1418
12F RF	UDCon17	Combination	Min	Top	59300.0543	-1076.2036	-224.2448	-18961.4254	718928.7289
12F RF	UDCon17	Combination	Min	Bottom	63355.8734	-1078.1467	-224.5756	-18986.4399	763333.1986
12F RF	UDCon18	Combination	Max	Top	59300.0543	1076.2037	224.2448	18961.4251	721481.9614
12F RF	UDCon18	Combination	Max	Bottom	63355.8734	1078.1467	224.5756	18986.4396	767041.7921
12F RF	UDCon18	Combination	Min	Top	59300.0543	-1407.1064	-164.9575	-14540.6261	718449.1013
12F RF	UDCon18	Combination	Min	Bottom	63355.8734	-1410.2812	-165.157	-14553.9759	762645.8489
12F RF	UDCon19	Combination	Max	Top	59300.0543	1868.714	186.7231	19525.911	721465.9309
12F RF	UDCon19	Combination	Max	Bottom	63355.8734	1872.6474	186.8028	19549.6473	767039.2303
12F RF	UDCon19	Combination	Min	Top	59300.0543	-1569.0128	-168.6713	-23308.6193	718747.8197
12F RF	UDCon19	Combination	Min	Bottom	63355.8734	-1572.3021	-169.1559	-23330.1074	763076.3076
12F RF	UDCon20	Combination	Max	Top	59300.0543	1569.0128	168.6713	23308.619	721662.8705
12F RF	UDCon20	Combination	Max	Bottom	63355.8734	1572.3021	169.1559	23330.1071	767298.6831
12F RF	UDCon20	Combination	Min	Top	59300.0543	-1868.7139	-186.7231	-19525.9112	718944.7593
12F RF	UDCon20	Combination	Min	Bottom	63355.8734	-1872.6474	-186.8028	-19549.6476	763335.7605
11F RF	Dead	LinStatic		Top	33382.3797	6.645E-06	0	-0.0001	406308.7921
11F RF	Dead	LinStatic		Bottom	35092.6794	6.645E-06	0	-0.0001	425565.1782
11F RF	Live	LinStatic		Top	3967.5522	1.325E-06	0	-1.797E-05	48639.3976
11F RF	Live	LinStatic		Bottom	4001.3667	1.325E-06	0	-1.799E-05	48875.2219
11F RF	FF	LinStatic		Top	20705.5797	2.146E-06	0	-2.98E-05	251140.2721
11F RF	FF	LinStatic		Bottom	21880.6794	2.146E-06	0	-2.976E-05	264016.2581
11F RF	PW	LinStatic		Top	17883.2697	1.428E-06	0	-2.014E-05	215793.7801

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
11F RF	PW	LinStatic		Bottom	19053.6894	1.428E-06	0	-2.007E-05	228643.5581
11F RF	Earthquake+x	LinStatic		Top	0	-2341.3787	1.23E-06	29497.031	-2.291E-05
11F RF	Earthquake+x	LinStatic		Bottom	0	-2345.9967	1.251E-06	29524.5141	-2.728E-05
11F RF	Earthquake+y	LinStatic		Top	0	-6.128E-06	-2341.3785	-38316.8187	21566.4751
11F RF	Earthquake+y	LinStatic		Bottom	0	-6.125E-06	-2345.9965	-38405.4537	29768.9197
11F RF	TH-X Load Case	LinModHist	Max	Top	0	1617.9359	184.8423	16244.663	2541.6464
11F RF	TH-X Load Case	LinModHist	Max	Bottom	0	1620.6522	185.0097	16254.1095	3413.0617
11F RF	TH-X Load Case	LinModHist	Min	Top	0	-1147.84	-251.0542	-21799.6309	-1854.2968
11F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1149.081	-251.2209	-21821.2469	-2501.5212
11F RF	TH-Y Load Case	LinModHist	Max	Top	0	2137.4793	207.8599	22640.0727	1851.7349
11F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2140.7994	207.8565	22661.9733	2523.3932
11F RF	TH-Y Load Case	LinModHist	Min	Top	0	-1820.3758	-191.723	-26377.0892	-2111.1877
11F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-1823.8855	-192.1035	-26393.6317	-2838.6919
11F RF	UDCon11	Combination		Top	97161.1592	1.38E-05	0	-0.0002	1178877.8397
11F RF	UDCon11	Combination		Bottom	102636.5149	1.38E-05	0	-0.0002	1239603.7425
11F RF	UDCon12	Combination		Top	103112.4875	1.578E-05	5.074E-07	-0.0002	1251836.9361
11F RF	UDCon12	Combination		Bottom	108638.5649	1.578E-05	5.176E-07	-0.0002	1312916.5753
11F RF	UDCon13	Combination	Max	Top	73161.4947	1617.9359	184.8423	16244.6629	890376.3099
11F RF	UDCon13	Combination	Max	Bottom	77227.4581	1620.6522	185.0097	16254.1094	936300.6227
11F RF	UDCon13	Combination	Min	Top	73161.4947	-1147.84	-251.0542	-21799.631	885980.3667
11F RF	UDCon13	Combination	Min	Bottom	77227.4581	-1149.081	-251.2209	-21821.2471	930386.0398
11F RF	UDCon14	Combination	Max	Top	73161.4947	1147.84	251.0542	21799.6307	889688.9602
11F RF	UDCon14	Combination	Max	Bottom	77227.4581	1149.081	251.2209	21821.2468	935389.0822
11F RF	UDCon14	Combination	Min	Top	73161.4947	-1617.9359	-184.8423	-16244.6632	885293.0171
11F RF	UDCon14	Combination	Min	Bottom	77227.4581	-1620.6522	-185.0097	-16254.1096	929474.4993
11F RF	UDCon15	Combination	Max	Top	73161.4947	2137.4793	207.8599	22640.0725	889686.3984
11F RF	UDCon15	Combination	Max	Bottom	77227.4581	2140.7994	207.8565	22661.9732	935410.9542
11F RF	UDCon15	Combination	Min	Top	73161.4947	-1820.3758	-191.723	-26377.0893	885723.4758
11F RF	UDCon15	Combination	Min	Bottom	77227.4581	-1823.8855	-192.1035	-26393.6318	930048.8691
11F RF	UDCon16	Combination	Max	Top	73161.4947	1820.3758	191.723	26377.089	889945.8512
11F RF	UDCon16	Combination	Max	Bottom	77227.4581	1823.8855	192.1035	26393.6315	935726.2529
11F RF	UDCon16	Combination	Min	Top	73161.4947	-2137.4792	-207.8599	-22640.0728	885982.9286
11F RF	UDCon16	Combination	Min	Bottom	77227.4581	-2140.7994	-207.8565	-22661.9735	930364.1678
11F RF	UDCon17	Combination	Max	Top	71971.229	1617.9359	184.8423	16244.6629	875784.4906
11F RF	UDCon17	Combination	Max	Bottom	76027.0481	1620.6522	185.0097	16254.1094	921638.0561
11F RF	UDCon17	Combination	Min	Top	71971.229	-1147.84	-251.0542	-21799.631	871388.5474
11F RF	UDCon17	Combination	Min	Bottom	76027.0481	-1149.081	-251.2209	-21821.2471	915723.4733
11F RF	UDCon18	Combination	Max	Top	71971.229	1147.84	251.0542	21799.6308	875097.141
11F RF	UDCon18	Combination	Max	Bottom	76027.0481	1149.081	251.2209	21821.2468	920726.5156
11F RF	UDCon18	Combination	Min	Top	71971.229	-1617.9359	-184.8423	-16244.6632	870701.1978
11F RF	UDCon18	Combination	Min	Bottom	76027.0481	-1620.6522	-185.0097	-16254.1096	914811.9328
11F RF	UDCon19	Combination	Max	Top	71971.229	2137.4793	207.8599	22640.0725	875094.5791
11F RF	UDCon19	Combination	Max	Bottom	76027.0481	2140.7994	207.8565	22661.9732	920748.3876
11F RF	UDCon19	Combination	Min	Top	71971.229	-1820.3758	-191.723	-26377.0893	871131.6565
11F RF	UDCon19	Combination	Min	Bottom	76027.0481	-1823.8855	-192.1035	-26393.6318	915386.3026

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
11F RF	UDCon20	Combination	Max	Top	71971.229	1820.3758	191.723	26377.089	875354.0319
11F RF	UDCon20	Combination	Max	Bottom	76027.0481	1823.8855	192.1035	26393.6316	921063.6863
11F RF	UDCon20	Combination	Min	Top	71971.229	-2137.4792	-207.8599	-22640.0728	871391.1093
11F RF	UDCon20	Combination	Min	Bottom	76027.0481	-2140.7994	-207.8565	-22661.9735	915701.6012
10F RF	Dead	LinStatic		Top	39231.1596	6.682E-06	0	-0.0001	477236.3218
10F RF	Dead	LinStatic		Bottom	40941.4593	6.681E-06	0	-0.0001	496492.7078
10F RF	Live	LinStatic		Top	4634.4467	1.359E-06	0	-1.877E-05	56785.2679
10F RF	Live	LinStatic		Bottom	4668.2611	1.359E-06	0	-1.878E-05	57021.0922
10F RF	FF	LinStatic		Top	24352.3596	2.072E-06	0	-2.832E-05	295142.9818
10F RF	FF	LinStatic		Bottom	25527.4593	2.072E-06	0	-2.833E-05	308018.9678
10F RF	PW	LinStatic		Top	21058.8846	1.339E-06	0	-1.825E-05	253901.0398
10F RF	PW	LinStatic		Bottom	22229.3043	1.339E-06	0	-1.825E-05	266750.8178
10F RF	Earthquake+x	LinStatic		Top	0	-2641.939	3.162E-06	33361.669	-2.747E-05
10F RF	Earthquake+x	LinStatic		Bottom	0	-2646.1372	3.169E-06	33386.6537	-3.85E-05
10F RF	Earthquake+y	LinStatic		Top	0	-7.489E-06	-2641.9389	-43378.3062	29768.9197
10F RF	Earthquake+y	LinStatic		Bottom	0	-7.487E-06	-2646.1371	-43458.8835	39022.6328
10F RF	TH-X Load Case	LinModHist	Max	Top	0	1796.7382	200.1979	17464.138	3413.0617
10F RF	TH-X Load Case	LinModHist	Max	Bottom	0	1798.9775	200.3365	17469.7012	4345.5399
10F RF	TH-X Load Case	LinModHist	Min	Top	0	-1167.9983	-272.0404	-24218.8146	-2501.5212
10F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1168.5774	-272.082	-24236.9294	-3202.4426
10F RF	TH-Y Load Case	LinModHist	Max	Top	0	2353.9449	223.2303	25573.8789	2523.3932
10F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2356.5997	223.1471	25595.9949	3261.3744
10F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2055.4854	-210.7199	-28708.8391	-2838.6919
10F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2058.6411	-210.9996	-28720.1447	-3619.8606
10F RF	UDCon11	Combination		Top	114267.245	1.363E-05	1.034E-06	-0.0002	1385478.4634
10F RF	UDCon11	Combination		Bottom	119742.6008	1.362E-05	1.031E-06	-0.0002	1446204.3662
10F RF	UDCon12	Combination		Top	121218.915	1.566E-05	1.096E-06	-0.0002	1470656.3653
10F RF	UDCon12	Combination		Bottom	126744.9924	1.566E-05	1.092E-06	-0.0002	1531736.0046
10F RF	UDCon13	Combination	Max	Top	86032.7377	1796.7382	200.1979	17464.1379	1046728.9853
10F RF	UDCon13	Combination	Max	Bottom	90098.7011	1798.9775	200.3365	17469.7011	1092714.361
10F RF	UDCon13	Combination	Min	Top	86032.7377	-1167.9983	-272.0404	-24218.8147	1040814.4025
10F RF	UDCon13	Combination	Min	Bottom	90098.7011	-1168.5774	-272.082	-24236.9295	1085166.3785
10F RF	UDCon14	Combination	Max	Top	86032.7377	1167.9983	272.0404	24218.8145	1045817.4448
10F RF	UDCon14	Combination	Max	Bottom	90098.7011	1168.5774	272.082	24236.9292	1091571.2638
10F RF	UDCon14	Combination	Min	Top	86032.7377	-1796.7382	-200.1979	-17464.1381	1039902.862
10F RF	UDCon14	Combination	Min	Bottom	90098.7011	-1798.9775	-200.3365	-17469.7014	1084023.2813
10F RF	UDCon15	Combination	Max	Top	86032.7377	2353.9449	223.2303	25573.8787	1045839.3168
10F RF	UDCon15	Combination	Max	Bottom	90098.7011	2356.5997	223.1471	25595.9948	1091630.1956
10F RF	UDCon15	Combination	Min	Top	86032.7377	-2055.4854	-210.7199	-28708.8392	1040477.2318
10F RF	UDCon15	Combination	Min	Bottom	90098.7011	-2058.6411	-210.9996	-28720.1449	1084748.9605
10F RF	UDCon16	Combination	Max	Top	86032.7377	2055.4854	210.7199	28708.8389	1046154.6155
10F RF	UDCon16	Combination	Max	Bottom	90098.7011	2058.6411	210.9996	28720.1446	1091988.6818
10F RF	UDCon16	Combination	Min	Top	86032.7377	-2353.9449	-223.2303	-25573.879	1040792.5305
10F RF	UDCon16	Combination	Min	Bottom	90098.7011	-2356.5997	-223.1471	-25595.9951	1085107.4467
10F RF	UDCon17	Combination	Max	Top	84642.4037	1796.7382	200.1979	17464.1379	1029693.4049

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
10F RF	UDCon17	Combination	Max	Bottom	88698.2228	1798.9775	200.3365	17469.7011	1075608.0333
10F RF	UDCon17	Combination	Min	Top	84642.4037	-1167.9983	-272.0404	-24218.8147	1023778.8221
10F RF	UDCon17	Combination	Min	Bottom	88698.2228	-1168.5774	-272.082	-24236.9295	1068060.0509
10F RF	UDCon18	Combination	Max	Top	84642.4037	1167.9983	272.0404	24218.8145	1028781.8644
10F RF	UDCon18	Combination	Max	Bottom	88698.2228	1168.5774	272.082	24236.9292	1074464.9361
10F RF	UDCon18	Combination	Min	Top	84642.4037	-1796.7382	-200.1979	-17464.1381	1022867.2816
10F RF	UDCon18	Combination	Min	Bottom	88698.2228	-1798.9775	-200.3365	-17469.7013	1066916.9536
10F RF	UDCon19	Combination	Max	Top	84642.4037	2353.9449	223.2303	25573.8788	1028803.7365
10F RF	UDCon19	Combination	Max	Bottom	88698.2228	2356.5997	223.1471	25595.9948	1074523.8679
10F RF	UDCon19	Combination	Min	Top	84642.4037	-2055.4854	-210.7199	-28708.8392	1023441.6514
10F RF	UDCon19	Combination	Min	Bottom	88698.2228	-2058.6411	-210.9996	-28720.1449	1067642.6329
10F RF	UDCon20	Combination	Max	Top	84642.4037	2055.4854	210.7199	28708.839	1029119.0351
10F RF	UDCon20	Combination	Max	Bottom	88698.2228	2058.6411	210.9996	28720.1446	1074882.3541
10F RF	UDCon20	Combination	Min	Top	84642.4037	-2353.9449	-223.2303	-25573.879	1023756.9501
10F RF	UDCon20	Combination	Min	Bottom	88698.2228	-2356.5997	-223.1471	-25595.9951	1068001.1191
9F RF	Dead	LinStatic		Top	45079.9395	7.453E-06	0	-0.0001	548163.8515
9F RF	Dead	LinStatic		Bottom	46790.2392	7.452E-06	0	-0.0001	567420.2375
9F RF	Live	LinStatic		Top	5301.3411	1.56E-06	0	-2.149E-05	64931.1382
9F RF	Live	LinStatic		Bottom	5335.1555	1.56E-06	0	-2.148E-05	65166.9625
9F RF	FF	LinStatic		Top	27999.1395	2.106E-06	0	-2.936E-05	339145.6914
9F RF	FF	LinStatic		Bottom	29174.2392	2.106E-06	0	-2.936E-05	352021.6775
9F RF	PW	LinStatic		Top	24234.4995	1.276E-06	0	-1.801E-05	292008.2994
9F RF	PW	LinStatic		Bottom	25404.9192	1.276E-06	0	-1.801E-05	304858.0775
9F RF	Earthquake+x	LinStatic		Top	0	-2912.4853	3.385E-06	36840.0935	-3.726E-05
9F RF	Earthquake+x	LinStatic		Bottom	0	-2916.2637	3.375E-06	36862.5797	-4.904E-05
9F RF	Earthquake+y	LinStatic		Top	0	-9.76E-06	-2912.4851	-47934.4507	39022.6328
9F RF	Earthquake+y	LinStatic		Bottom	0	-9.758E-06	-2916.2635	-48006.9702	49222.5651
9F RF	TH-X Load Case	LinModHist	Max	Top	0	1942.3584	211.3383	18212.128	4345.5398
9F RF	TH-X Load Case	LinModHist	Max	Bottom	0	1944.1113	211.4516	18213.9622	5315.6506
9F RF	TH-X Load Case	LinModHist	Min	Top	0	-1228.5587	-286.116	-26206.1182	-3202.4426
9F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1229.4563	-286.0395	-26220.6803	-3942.3137
9F RF	TH-Y Load Case	LinModHist	Max	Top	0	2515.2173	233.1299	28263.6381	3261.3744
9F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2517.1864	232.9716	28283.7897	4052.6639
9F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2265.6107	-229.9497	-30273.5908	-3619.8606
9F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2268.3882	-230.1415	-30279.5461	-4435.5542
9F RF	UDCon11	Combination		Top	131373.3308	1.463E-05	9.849E-07	-0.0002	1592079.0872
9F RF	UDCon11	Combination		Bottom	136848.6866	1.463E-05	9.881E-07	-0.0002	1652804.99
9F RF	UDCon12	Combination		Top	139325.3425	1.697E-05	1.049E-06	-0.0002	1689475.7945
9F RF	UDCon12	Combination		Bottom	144851.4199	1.697E-05	1.052E-06	-0.0002	1750555.4338
9F RF	UDCon13	Combination	Max	Top	98903.9807	1942.3584	211.3383	18212.1278	1203142.7237
9F RF	UDCon13	Combination	Max	Bottom	102969.9441	1944.1113	211.4516	18213.9621	1249165.732
9F RF	UDCon13	Combination	Min	Top	98903.9807	-1228.5587	-286.116	-26206.1184	1195594.7412
9F RF	UDCon13	Combination	Min	Bottom	102969.9441	-1229.4562	-286.0395	-26220.6804	1239907.7677
9F RF	UDCon14	Combination	Max	Top	98903.9807	1228.5588	286.116	26206.1181	1201999.6264
9F RF	UDCon14	Combination	Max	Bottom	102969.9441	1229.4563	286.0395	26220.6801	1247792.395

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
9F RF	UDCon14	Combination	Min	Top	98903.9807	-1942.3584	-211.3383	-18212.1281	1194451.644
9F RF	UDCon14	Combination	Min	Bottom	102969.9441	-1944.1113	-211.4516	-18213.9624	1238534.4307
9F RF	UDCon15	Combination	Max	Top	98903.9807	2515.2174	233.1299	28263.6379	1202058.5582
9F RF	UDCon15	Combination	Max	Bottom	102969.9441	2517.1864	232.9716	28283.7896	1247902.7452
9F RF	UDCon15	Combination	Min	Top	98903.9807	-2265.6107	-229.9497	-30273.591	1195177.3232
9F RF	UDCon15	Combination	Min	Bottom	102969.9441	-2268.3881	-230.1415	-30279.5463	1239414.5272
9F RF	UDCon16	Combination	Max	Top	98903.9807	2265.6107	229.9497	30273.5907	1202417.0444
9F RF	UDCon16	Combination	Max	Bottom	102969.9441	2268.3882	230.1415	30279.546	1248285.6355
9F RF	UDCon16	Combination	Min	Top	98903.9807	-2515.2173	-233.1299	-28263.6382	1195535.8094
9F RF	UDCon16	Combination	Min	Bottom	102969.9441	-2517.1864	-232.9716	-28283.7899	1239797.4175
9F RF	UDCon17	Combination	Max	Top	97313.5784	1942.3584	211.3383	18212.1278	1183663.3822
9F RF	UDCon17	Combination	Max	Bottom	101369.3975	1944.1113	211.4516	18213.9621	1229615.6432
9F RF	UDCon17	Combination	Min	Top	97313.5784	-1228.5587	-286.116	-26206.1184	1176115.3997
9F RF	UDCon17	Combination	Min	Bottom	101369.3975	-1229.4562	-286.0395	-26220.6804	1220357.6789
9F RF	UDCon18	Combination	Max	Top	97313.5784	1228.5588	286.116	26206.1181	1182520.285
9F RF	UDCon18	Combination	Max	Bottom	101369.3975	1229.4563	286.0395	26220.6801	1228242.3062
9F RF	UDCon18	Combination	Min	Top	97313.5784	-1942.3584	-211.3383	-18212.1281	1174972.3025
9F RF	UDCon18	Combination	Min	Bottom	101369.3975	-1944.1113	-211.4516	-18213.9624	1218984.3419
9F RF	UDCon19	Combination	Max	Top	97313.5784	2515.2174	233.1299	28263.6379	1182579.2168
9F RF	UDCon19	Combination	Max	Bottom	101369.3975	2517.1864	232.9716	28283.7896	1228352.6564
9F RF	UDCon19	Combination	Min	Top	97313.5784	-2265.6107	-229.9497	-30273.591	1175697.9817
9F RF	UDCon19	Combination	Min	Bottom	101369.3975	-2268.3881	-230.1415	-30279.5463	1219864.4384
9F RF	UDCon20	Combination	Max	Top	97313.5784	2265.6107	229.9497	30273.5907	1182937.703
9F RF	UDCon20	Combination	Max	Bottom	101369.3975	2268.3882	230.1415	30279.546	1228735.5467
9F RF	UDCon20	Combination	Min	Top	97313.5784	-2515.2173	-233.1299	-28263.6382	1176056.4679
9F RF	UDCon20	Combination	Min	Bottom	101369.3975	-2517.1864	-232.9716	-28283.7899	1220247.3287
8F RF	Dead	LinStatic		Top	50928.7194	7.447E-06	0	-0.0001	619091.3811
8F RF	Dead	LinStatic		Bottom	52639.0191	7.447E-06	0	-0.0001	638347.7672
8F RF	Live	LinStatic		Top	5968.2355	1.554E-06	0	-2.161E-05	73077.0085
8F RF	Live	LinStatic		Bottom	6002.05	1.554E-06	0	-2.163E-05	73312.8329
8F RF	FF	LinStatic		Top	31645.9194	2.123E-06	0	-3.055E-05	383148.4011
8F RF	FF	LinStatic		Bottom	32821.0191	2.123E-06	0	-3.062E-05	396024.3872
8F RF	PW	LinStatic		Top	27410.1144	1.296E-06	0	-1.905E-05	330115.5591
8F RF	PW	LinStatic		Bottom	28580.5341	1.296E-06	0	-1.911E-05	342965.3372
8F RF	Earthquake+x	LinStatic		Top	0	-3153.0175	2.153E-06	39932.3035	-4.866E-05
8F RF	Earthquake+x	LinStatic		Bottom	0	-3156.3761	2.158E-06	39952.2912	-0.0001
8F RF	Earthquake+y	LinStatic		Top	0	-9.514E-06	-3153.0174	-51985.2523	49222.5651
8F RF	Earthquake+y	LinStatic		Bottom	0	-9.51E-06	-3156.3759	-52049.7142	60263.6675
8F RF	TH-X Load Case	LinModHist	Max	Top	0	2054.3826	218.6446	18522.6821	5315.6506
8F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2055.6515	218.7364	18521.0869	6339.3183
8F RF	TH-X Load Case	LinModHist	Min	Top	0	-1279.8394	-293.4263	-28085.5707	-3942.3137
8F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1280.5407	-293.2413	-28099.7948	-4707.7212
8F RF	TH-Y Load Case	LinModHist	Max	Top	0	2621.1835	239.2621	30654.1861	4052.6639
8F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2622.4855	239.2219	30672.2353	4885.8741
8F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2449.1282	-246.6355	-31075.4437	-4435.5542

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
8F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2451.4989	-246.7254	-31076.1662	-5268.048
8F RF	UDCon11	Combination		Top	148479.4167	1.467E-05	8.175E-07	-0.0002	1798679.7109
8F RF	UDCon11	Combination		Bottom	153954.7724	1.467E-05	7.985E-07	-0.0002	1859405.6137
8F RF	UDCon12	Combination		Top	157431.77	1.7E-05	8.61E-07	-0.0002	1908295.2237
8F RF	UDCon12	Combination		Bottom	162957.8474	1.7E-05	8.406E-07	-0.0002	1969374.863
8F RF	UDCon13	Combination	Max	Top	111775.2237	2054.3826	218.6446	18522.682	1359594.0946
8F RF	UDCon13	Combination	Max	Bottom	115841.1871	2055.6515	218.7364	18521.0868	1405670.6598
8F RF	UDCon13	Combination	Min	Top	111775.2237	-1279.8394	-293.4263	-28085.5709	1350336.1303
8F RF	UDCon13	Combination	Min	Bottom	115841.1871	-1280.5407	-293.2412	-28099.795	1394623.6203
8F RF	UDCon14	Combination	Max	Top	111775.2237	1279.8394	293.4263	28085.5706	1358220.7576
8F RF	UDCon14	Combination	Max	Bottom	115841.1871	1280.5408	293.2413	28099.7946	1404039.0627
8F RF	UDCon14	Combination	Min	Top	111775.2237	-2054.3826	-218.6446	-18522.6823	1348962.7933
8F RF	UDCon14	Combination	Min	Bottom	115841.1871	-2055.6515	-218.7364	-18521.0871	1392992.0232
8F RF	UDCon15	Combination	Max	Top	111775.2237	2621.1835	239.2621	30654.1859	1358331.1078
8F RF	UDCon15	Combination	Max	Bottom	115841.1871	2622.4855	239.2219	30672.2352	1404217.2156
8F RF	UDCon15	Combination	Min	Top	111775.2237	-2449.1282	-246.6355	-31075.4439	1349842.8898
8F RF	UDCon15	Combination	Min	Bottom	115841.1871	-2451.4989	-246.7254	-31076.1664	1394063.2935
8F RF	UDCon16	Combination	Max	Top	111775.2237	2449.1282	246.6356	31075.4435	1358713.9981
8F RF	UDCon16	Combination	Max	Bottom	115841.1871	2451.4989	246.7254	31076.1661	1404599.3895
8F RF	UDCon16	Combination	Min	Top	111775.2237	-2621.1835	-239.2621	-30654.1863	1350225.7801
8F RF	UDCon16	Combination	Min	Bottom	115841.1871	-2622.4855	-239.2219	-30672.2355	1394445.4674
8F RF	UDCon17	Combination	Max	Top	109984.7531	2054.3826	218.6446	18522.682	1337670.9921
8F RF	UDCon17	Combination	Max	Bottom	114040.5722	2055.6515	218.7364	18521.0868	1383676.8099
8F RF	UDCon17	Combination	Min	Top	109984.7531	-1279.8394	-293.4263	-28085.5709	1328413.0278
8F RF	UDCon17	Combination	Min	Bottom	114040.5722	-1280.5407	-293.2412	-28099.795	1372629.7704
8F RF	UDCon18	Combination	Max	Top	109984.7531	1279.8394	293.4263	28085.5706	1336297.6551
8F RF	UDCon18	Combination	Max	Bottom	114040.5722	1280.5408	293.2413	28099.7947	1382045.2128
8F RF	UDCon18	Combination	Min	Top	109984.7531	-2054.3826	-218.6446	-18522.6823	1327039.6908
8F RF	UDCon18	Combination	Min	Bottom	114040.5722	-2055.6515	-218.7364	-18521.0871	1370998.1733
8F RF	UDCon19	Combination	Max	Top	109984.7531	2621.1835	239.2621	30654.1859	1336408.0053
8F RF	UDCon19	Combination	Max	Bottom	114040.5722	2622.4855	239.2219	30672.2352	1382223.3658
8F RF	UDCon19	Combination	Min	Top	109984.7531	-2449.1282	-246.6355	-31075.4438	1327919.7872
8F RF	UDCon19	Combination	Min	Bottom	114040.5722	-2451.4989	-246.7254	-31076.1664	1372069.4437
8F RF	UDCon20	Combination	Max	Top	109984.7531	2449.1282	246.6356	31075.4435	1336790.8956
8F RF	UDCon20	Combination	Max	Bottom	114040.5722	2451.4989	246.7254	31076.1661	1382605.5396
8F RF	UDCon20	Combination	Min	Top	109984.7531	-2621.1835	-239.2621	-30654.1863	1328302.6776
8F RF	UDCon20	Combination	Min	Bottom	114040.5722	-2622.4855	-239.2219	-30672.2355	1372451.6175
7F RF	Dead	LinStatic		Top	56777.4993	7.538E-06	0	-0.0001	690018.9108
7F RF	Dead	LinStatic		Bottom	58487.7989	7.537E-06	0	-0.0001	709275.2969
7F RF	Live	LinStatic		Top	6635.13	1.601E-06	0	-2.226E-05	81222.8789
7F RF	Live	LinStatic		Bottom	6668.9444	1.601E-06	0	-2.222E-05	81458.7032
7F RF	FF	LinStatic		Top	35292.6993	2.025E-06	0	-2.96E-05	427151.1108
7F RF	FF	LinStatic		Bottom	36467.7989	2.025E-06	0	-2.927E-05	440027.0969
7F RF	PW	LinStatic		Top	30585.7293	1.179E-06	0	-1.789E-05	368222.8188
7F RF	PW	LinStatic		Bottom	31756.1489	1.179E-06	0	-1.758E-05	381072.5969

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
7F RF	Earthquake+x	LinStatic		Top	0	-3363.5357	4.201E-06	42638.2998	-0.0001
7F RF	Earthquake+x	LinStatic		Bottom	0	-3366.4745	4.218E-06	42655.789	-0.0001
7F RF	Earthquake+y	LinStatic		Top	0	-1.077E-05	-3363.5355	-55530.7108	60263.6675
7F RF	Earthquake+y	LinStatic		Bottom	-5.427E-07	-1.077E-05	-3366.4743	-55587.1149	72040.8908
7F RF	TH-X Load Case	LinModHist	Max	Top	0	2213.1931	222.5457	18449.4121	6339.3183
7F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2215.4242	222.6198	18444.8124	7368.9744
7F RF	TH-X Load Case	LinModHist	Min	Top	0	-1348.9838	-294.3205	-29844.7401	-4707.7212
7F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1350.284	-294.0383	-29855.4964	-5486.7533
7F RF	TH-Y Load Case	LinModHist	Max	Top	0	2674.7984	246.6209	32724.8933	4885.8741
7F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2675.4903	246.5159	32740.684	5751.6241
7F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2604.1407	-259.0667	-31156.1273	-5268.048
7F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2606.0768	-259.0573	-31151.9689	-6101.3784
7F RF	UDCon11	Combination		Top	165585.5025	1.45E-05	9.824E-07	-0.0002	2005280.3347
7F RF	UDCon11	Combination		Bottom	171060.8582	1.45E-05	1.063E-06	-0.0002	2066006.2375
7F RF	UDCon12	Combination		Top	175538.1975	1.69E-05	1.044E-06	-0.0002	2127114.653
7F RF	UDCon12	Combination		Bottom	181064.2749	1.69E-05	1.128E-06	-0.0002	2188194.2922
7F RF	UDCon13	Combination	Max	Top	124646.4668	2213.1931	222.5457	18449.412	1516099.0224
7F RF	UDCon13	Combination	Max	Bottom	128712.4302	2215.4242	222.6198	18444.8122	1562181.5761
7F RF	UDCon13	Combination	Min	Top	124646.4668	-1348.9838	-294.3205	-29844.7403	1505051.9829
7F RF	UDCon13	Combination	Min	Bottom	128712.4302	-1350.284	-294.0383	-29855.4966	1549325.8484
7F RF	UDCon14	Combination	Max	Top	124646.4668	1348.9838	294.3205	29844.74	1514467.4254
7F RF	UDCon14	Combination	Max	Bottom	128712.4302	1350.284	294.0383	29855.4963	1560299.355
7F RF	UDCon14	Combination	Min	Top	124646.4668	-2213.193	-222.5457	-18449.4123	1503420.3859
7F RF	UDCon14	Combination	Min	Bottom	128712.4302	-2215.4242	-222.6198	-18444.8125	1547443.6272
7F RF	UDCon15	Combination	Max	Top	124646.4668	2674.7984	246.6209	32724.8931	1514645.5783
7F RF	UDCon15	Combination	Max	Bottom	128712.4302	2675.4903	246.5159	32740.6838	1560564.2258
7F RF	UDCon15	Combination	Min	Top	124646.4668	-2604.1407	-259.0667	-31156.1274	1504491.6562
7F RF	UDCon15	Combination	Min	Bottom	128712.4302	-2606.0768	-259.0573	-31151.969	1548711.2233
7F RF	UDCon16	Combination	Max	Top	124646.4668	2604.1407	259.0667	31156.1271	1515027.7521
7F RF	UDCon16	Combination	Max	Bottom	128712.4302	2606.0768	259.0573	31151.9687	1560913.9801
7F RF	UDCon16	Combination	Min	Top	124646.4668	-2674.7984	-246.6209	-32724.8934	1504873.83
7F RF	UDCon16	Combination	Min	Bottom	128712.4302	-2675.4903	-246.5159	-32740.6841	1549060.9776
7F RF	UDCon17	Combination	Max	Top	122655.9278	2213.1931	222.5457	18449.412	1491732.1588
7F RF	UDCon17	Combination	Max	Bottom	126711.7468	2215.4242	222.6198	18444.8122	1537743.9651
7F RF	UDCon17	Combination	Min	Top	122655.9278	-1348.9838	-294.3205	-29844.7403	1480685.1193
7F RF	UDCon17	Combination	Min	Bottom	126711.7468	-1350.284	-294.0383	-29855.4966	1524888.2374
7F RF	UDCon18	Combination	Max	Top	122655.9278	1348.9838	294.3205	29844.74	1490100.5617
7F RF	UDCon18	Combination	Max	Bottom	126711.7468	1350.284	294.0383	29855.4963	1535861.744
7F RF	UDCon18	Combination	Min	Top	122655.9278	-2213.193	-222.5457	-18449.4123	1479053.5222
7F RF	UDCon18	Combination	Min	Bottom	126711.7468	-2215.4242	-222.6198	-18444.8125	1523006.0163
7F RF	UDCon19	Combination	Max	Top	122655.9278	2674.7984	246.6209	32724.8931	1490278.7146
7F RF	UDCon19	Combination	Max	Bottom	126711.7468	2675.4903	246.5159	32740.6838	1536126.6148
7F RF	UDCon19	Combination	Min	Top	122655.9278	-2604.1407	-259.0667	-31156.1274	1480124.7925
7F RF	UDCon19	Combination	Min	Bottom	126711.7468	-2606.0768	-259.0573	-31151.969	1524273.6123
7F RF	UDCon20	Combination	Max	Top	122655.9278	2604.1407	259.0667	31156.1271	1490660.8885

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
7F RF	UDCon20	Combination	Max	Bottom	126711.7468	2606.0768	259.0573	31151.9687	1536476.3691
7F RF	UDCon20	Combination	Min	Top	122655.9278	-2674.7984	-246.6209	-32724.8934	1480506.9664
7F RF	UDCon20	Combination	Min	Bottom	126711.7468	-2675.4903	-246.5159	-32740.6841	1524623.3666
6F RF	Dead	LinStatic		Top	62626.2792	7.38E-06	0	-0.0001	760946.4405
6F RF	Dead	LinStatic		Bottom	64336.5788	7.38E-06	0	-0.0001	780202.8266
6F RF	Live	LinStatic		Top	7302.0244	1.56E-06	0	-2.17E-05	89368.7492
6F RF	Live	LinStatic		Bottom	7335.8389	1.56E-06	0	-2.17E-05	89604.5735
6F RF	FF	LinStatic		Top	38939.4791	2.041E-06	0	-2.896E-05	471153.8205
6F RF	FF	LinStatic		Bottom	40114.5788	2.041E-06	0	-2.894E-05	484029.8066
6F RF	PW	LinStatic		Top	33761.3441	1.212E-06	0	-1.754E-05	406330.0785
6F RF	PW	LinStatic		Bottom	34931.7638	1.213E-06	0	-1.751E-05	419179.8566
6F RF	Earthquake+x	LinStatic		Top	0	-3544.0398	5.331E-06	44958.0818	-0.0001
6F RF	Earthquake+x	LinStatic		Bottom	0	-3546.5587	5.345E-06	44973.0726	-0.0001
6F RF	Earthquake+y	LinStatic		Top	-7.916E-07	-1.075E-05	-3544.0397	-58570.8264	72040.8908
6F RF	Earthquake+y	LinStatic		Bottom	-6.906E-07	-1.075E-05	-3546.5586	-58619.1727	84449.1859
6F RF	TH-X Load Case	LinModHist	Max	Top	0	2348.6115	223.5068	18059.7691	7368.9744
6F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2350.4847	223.5985	18052.6779	8381.0218
6F RF	TH-X Load Case	LinModHist	Min	Top	0	-1438.4475	-289.3294	-31198.8627	-5486.7533
6F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1439.4738	-288.9624	-31206.1017	-6269.1272
6F RF	TH-Y Load Case	LinModHist	Max	Top	0	2753.1341	249.1848	34455.4232	5751.6241
6F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2755.1052	249.0201	34468.8125	6642.765
6F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2728.8762	-266.8628	-30728.7821	-6101.3784
6F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2730.357	-266.7596	-30730.8648	-6921.6021
6F RF	UDCon11	Combination		Top	182691.5883	1.435E-05	1.081E-06	-0.0002	2211880.9584
6F RF	UDCon11	Combination		Bottom	188166.9441	1.435E-05	1.083E-06	-0.0002	2272606.8612
6F RF	UDCon12	Combination		Top	193644.6249	1.669E-05	1.153E-06	-0.0002	2345934.0822
6F RF	UDCon12	Combination		Bottom	199170.7023	1.669E-05	1.155E-06	-0.0002	2407013.7214
6F RF	UDCon13	Combination	Max	Top	137517.7098	2348.6115	223.5068	18059.7689	1672609.9387
6F RF	UDCon13	Combination	Max	Bottom	141583.6732	2350.4847	223.5985	18052.6777	1718674.8836
6F RF	UDCon13	Combination	Min	Top	137517.7098	-1438.4475	-289.3294	-31198.8629	1659754.211
6F RF	UDCon13	Combination	Min	Bottom	141583.6732	-1439.4738	-288.9624	-31206.1018	1704024.7346
6F RF	UDCon14	Combination	Max	Top	137517.7098	1438.4475	289.3294	31198.8626	1670727.7176
6F RF	UDCon14	Combination	Max	Bottom	141583.6732	1439.4739	288.9624	31206.1015	1716562.989
6F RF	UDCon14	Combination	Min	Top	137517.7098	-2348.6114	-223.5068	-18059.7692	1657871.9899
6F RF	UDCon14	Combination	Min	Bottom	141583.6732	-2350.4847	-223.5985	-18052.678	1701912.84
6F RF	UDCon15	Combination	Max	Top	137517.7098	2753.1342	249.1848	34455.423	1670992.5884
6F RF	UDCon15	Combination	Max	Bottom	141583.6732	2755.1052	249.0201	34468.8123	1716936.6268
6F RF	UDCon15	Combination	Min	Top	137517.7098	-2728.8762	-266.8628	-30728.7823	1659139.5859
6F RF	UDCon15	Combination	Min	Bottom	141583.6732	-2730.357	-266.7596	-30730.865	1703372.2597
6F RF	UDCon16	Combination	Max	Top	137517.7098	2728.8762	266.8628	30728.782	1671342.3427
6F RF	UDCon16	Combination	Max	Bottom	141583.6732	2730.357	266.7596	30730.8647	1717215.464
6F RF	UDCon16	Combination	Min	Top	137517.7098	-2753.1341	-249.1848	-34455.4234	1659489.3402
6F RF	UDCon16	Combination	Min	Bottom	141583.6732	-2755.1052	-249.0201	-34468.8126	1703651.0968
6F RF	UDCon17	Combination	Max	Top	135327.1024	2348.6115	223.5068	18059.7689	1645799.314
6F RF	UDCon17	Combination	Max	Bottom	139382.9215	2350.4847	223.5985	18052.6777	1691793.5116

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
6F RF	UDCon17	Combination	Min	Top	135327.1024	-1438.4475	-289.3294	-31198.8629	1632943.5863
6F RF	UDCon17	Combination	Min	Bottom	139382.9215	-1439.4738	-288.9624	-31206.1018	1677143.3626
6F RF	UDCon18	Combination	Max	Top	135327.1024	1438.4475	289.3294	31198.8626	1643917.0929
6F RF	UDCon18	Combination	Max	Bottom	139382.9215	1439.4739	288.9624	31206.1015	1689681.6169
6F RF	UDCon18	Combination	Min	Top	135327.1024	-2348.6114	-223.5068	-18059.7692	1631061.3651
6F RF	UDCon18	Combination	Min	Bottom	139382.9215	-2350.4847	-223.5985	-18052.678	1675031.4679
6F RF	UDCon19	Combination	Max	Top	135327.1024	2753.1342	249.1848	34455.4231	1644181.9637
6F RF	UDCon19	Combination	Max	Bottom	139382.9215	2755.1052	249.0201	34468.8123	1690055.2548
6F RF	UDCon19	Combination	Min	Top	135327.1024	-2728.8762	-266.8628	-30728.7823	1632328.9611
6F RF	UDCon19	Combination	Min	Bottom	139382.9215	-2730.357	-266.7596	-30730.865	1676490.8876
6F RF	UDCon20	Combination	Max	Top	135327.1024	2728.8762	266.8628	30728.782	1644531.718
6F RF	UDCon20	Combination	Max	Bottom	139382.9215	2730.357	266.7596	30730.8647	1690334.0919
6F RF	UDCon20	Combination	Min	Top	135327.1024	-2753.1341	-249.1848	-34455.4234	1632678.7155
6F RF	UDCon20	Combination	Min	Bottom	139382.9215	-2755.1052	-249.0201	-34468.8126	1676769.7248
5F RF	Dead	LinStatic		Top	68475.059	7.395E-06	0	-0.0001	831873.9702
5F RF	Dead	LinStatic		Bottom	70185.3587	7.395E-06	0	-0.0001	851130.3563
5F RF	Live	LinStatic		Top	7968.9189	1.561E-06	0	-2.162E-05	97514.6195
5F RF	Live	LinStatic		Bottom	8002.7333	1.561E-06	0	-2.162E-05	97750.4438
5F RF	FF	LinStatic		Top	42586.259	2.051E-06	0	-2.843E-05	515156.5302
5F RF	FF	LinStatic		Bottom	43761.3587	2.051E-06	0	-2.839E-05	528032.5163
5F RF	PW	LinStatic		Top	36936.959	1.222E-06	0	-1.705E-05	444437.3382
5F RF	PW	LinStatic		Bottom	38107.3787	1.222E-06	0	-1.702E-05	457287.1163
5F RF	Earthquake+x	LinStatic		Top	0	-3694.5299	6.886E-06	46891.65	-0.0001
5F RF	Earthquake+x	LinStatic		Bottom	0	-3696.629	6.885E-06	46904.1423	-0.0001
5F RF	Earthquake+y	LinStatic		Top	-7.801E-07	-1.063E-05	-3694.5297	-61105.599	84449.1859
5F RF	Earthquake+y	LinStatic		Bottom	-7.276E-07	-1.063E-05	-3696.6288	-61145.8876	97383.5034
5F RF	TH-X Load Case	LinModHist	Max	Top	0	2456.1754	222.131	18174.4333	8381.0218
5F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2457.6752	222.2825	18171.7973	9357.3094
5F RF	TH-X Load Case	LinModHist	Min	Top	0	-1506.5232	-279.1465	-32133.9661	-6269.1272
5F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1507.2362	-278.707	-32137.7292	-7046.248
5F RF	TH-Y Load Case	LinModHist	Max	Top	0	2851.249	246.9301	35831.8047	6642.765
5F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2852.6833	246.7127	35842.6972	7554.5071
5F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2822.2153	-269.7771	-31165.8638	-6921.6021
5F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2823.2346	-269.5888	-31164.0602	-7717.0132
5F RF	UDCon11	Combination		Top	199797.6741	1.44E-05	1.314E-06	-0.0002	2418481.5822
5F RF	UDCon11	Combination		Bottom	205273.0299	1.44E-05	1.323E-06	-0.0002	2479207.485
5F RF	UDCon12	Combination		Top	211751.0524	1.674E-05	1.397E-06	-0.0002	2564753.5114
5F RF	UDCon12	Combination		Bottom	217277.1298	1.674E-05	1.406E-06	-0.0002	2625833.1507
5F RF	UDCon13	Combination	Max	Top	150388.9528	2456.1754	222.131	18174.4331	1829103.2463
5F RF	UDCon13	Combination	Max	Bottom	154454.9162	2457.6752	222.2825	18171.7972	1875132.4314
5F RF	UDCon13	Combination	Min	Top	150388.9528	-1506.5232	-279.1465	-32133.9663	1814453.0973
5F RF	UDCon13	Combination	Min	Bottom	154454.9162	-1507.2362	-278.707	-32137.7294	1858728.874
5F RF	UDCon14	Combination	Max	Top	150388.9528	1506.5232	279.1465	32133.966	1826991.3517
5F RF	UDCon14	Combination	Max	Bottom	154454.9162	1507.2362	278.707	32137.7291	1872821.37
5F RF	UDCon14	Combination	Min	Top	150388.9528	-2456.1754	-222.131	-18174.4334	1812341.2027

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
5F RF	UDCon14	Combination	Min	Bottom	154454.9162	-2457.6752	-222.2825	-18171.7975	1856417.8126
5F RF	UDCon15	Combination	Max	Top	150388.9528	2851.2491	246.9301	35831.8046	1827364.9895
5F RF	UDCon15	Combination	Max	Bottom	154454.9162	2852.6833	246.7127	35842.6971	1873329.6291
5F RF	UDCon15	Combination	Min	Top	150388.9528	-2822.2153	-269.7771	-31165.8639	1813800.6223
5F RF	UDCon15	Combination	Min	Bottom	154454.9162	-2823.2345	-269.5888	-31164.0604	1858058.1088
5F RF	UDCon16	Combination	Max	Top	150388.9528	2822.2153	269.7771	31165.8636	1827643.8266
5F RF	UDCon16	Combination	Max	Bottom	154454.9162	2823.2346	269.5888	31164.06	1873492.1352
5F RF	UDCon16	Combination	Min	Top	150388.9528	-2851.249	-246.9301	-35831.8049	1814079.4595
5F RF	UDCon16	Combination	Min	Bottom	154454.9162	-2852.6833	-246.7127	-35842.6974	1858220.6149
5F RF	UDCon17	Combination	Max	Top	147998.2771	2456.1754	222.131	18174.4331	1799848.8605
5F RF	UDCon17	Combination	Max	Bottom	152054.0962	2457.6752	222.2825	18171.7972	1845807.2983
5F RF	UDCon17	Combination	Min	Top	147998.2771	-1506.5232	-279.1465	-32133.9663	1785198.7115
5F RF	UDCon17	Combination	Min	Bottom	152054.0962	-1507.2362	-278.707	-32137.7294	1829403.7409
5F RF	UDCon18	Combination	Max	Top	147998.2771	1506.5232	279.1465	32133.966	1797736.9658
5F RF	UDCon18	Combination	Max	Bottom	152054.0962	1507.2362	278.707	32137.7291	1843496.2369
5F RF	UDCon18	Combination	Min	Top	147998.2771	-2456.1754	-222.131	-18174.4334	1783086.8168
5F RF	UDCon18	Combination	Min	Bottom	152054.0962	-2457.6752	-222.2825	-18171.7975	1827092.6794
5F RF	UDCon19	Combination	Max	Top	147998.2771	2851.2491	246.9301	35831.8046	1798110.6036
5F RF	UDCon19	Combination	Max	Bottom	152054.0962	2852.6833	246.7127	35842.6971	1844004.496
5F RF	UDCon19	Combination	Min	Top	147998.2771	-2822.2153	-269.7771	-31165.8639	1784546.2365
5F RF	UDCon19	Combination	Min	Bottom	152054.0962	-2823.2345	-269.5888	-31164.0603	1828732.9756
5F RF	UDCon20	Combination	Max	Top	147998.2771	2822.2153	269.7771	31165.8636	1798389.4408
5F RF	UDCon20	Combination	Max	Bottom	152054.0962	2823.2346	269.5888	31164.06	1844167.0021
5F RF	UDCon20	Combination	Min	Top	147998.2771	-2851.249	-246.9301	-35831.8049	1784825.0736
5F RF	UDCon20	Combination	Min	Bottom	152054.0962	-2852.6833	-246.7127	-35842.6974	1828895.4817
4F RF	Dead	LinStatic		Top	74323.8389	7.461E-06	0	-0.0001	902801.4999
4F RF	Dead	LinStatic		Bottom	76034.1386	7.461E-06	0	-0.0001	922057.886
4F RF	Live	LinStatic		Top	8635.8133	1.563E-06	0	-2.172E-05	105660.4898
4F RF	Live	LinStatic		Bottom	8669.6277	1.563E-06	0	-2.171E-05	105896.3141
4F RF	FF	LinStatic		Top	46233.0389	2.115E-06	0	-2.97E-05	559159.2399
4F RF	FF	LinStatic		Bottom	47408.1386	2.115E-06	0	-2.958E-05	572035.226
4F RF	PW	LinStatic		Top	40112.5739	1.283E-06	0	-1.822E-05	482544.5979
4F RF	PW	LinStatic		Bottom	41282.9936	1.283E-06	0	-1.81E-05	495394.376
4F RF	Earthquake+x	LinStatic		Top	0	-3815.0059	6.396E-06	48439.0042	-0.0001
4F RF	Earthquake+x	LinStatic		Bottom	0	-3816.6852	6.409E-06	48448.998	-0.0001
4F RF	Earthquake+y	LinStatic		Top	-6.497E-07	-9.926E-06	-3815.0058	-63135.0287	97383.5034
4F RF	Earthquake+y	LinStatic		Bottom	-5.104E-07	-9.926E-06	-3816.685	-63167.2596	110738.7944
4F RF	TH-X Load Case	LinModHist	Max	Top	0	2557.2777	218.552	18270.1012	9357.3094
4F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2560.2747	218.5992	18264.7538	10282.3441
4F RF	TH-X Load Case	LinModHist	Min	Top	0	-1550.6767	-264.531	-32653.3289	-7046.248
4F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1551.0588	-264.0317	-32653.7995	-7811.2579
4F RF	TH-Y Load Case	LinModHist	Max	Top	0	2904.9014	239.9849	36851.9337	7554.5071
4F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2905.7798	239.722	36860.3381	8484.3357
4F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2886.3457	-294.7463	-31008.2357	-7717.0132
4F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2887.9659	-295.258	-31002.5435	-8478.1723

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
4F RF	UDCon11	Combination		Top	216903.76	1.466E-05	1.414E-06	-0.0002	2625082.2059
4F RF	UDCon11	Combination		Bottom	222379.1157	1.466E-05	1.442E-06	-0.0002	2685808.1087
4F RF	UDCon12	Combination		Top	229857.4799	1.701E-05	1.498E-06	-0.0002	2783572.9406
4F RF	UDCon12	Combination		Bottom	235383.5573	1.7E-05	1.527E-06	-0.0002	2844652.5799
4F RF	UDCon13	Combination	Max	Top	163260.1958	2557.2778	218.552	18270.1011	1985560.7941
4F RF	UDCon13	Combination	Max	Bottom	167326.1592	2560.2747	218.5992	18264.7537	2031538.7262
4F RF	UDCon13	Combination	Min	Top	163260.1958	-1550.6767	-264.531	-32653.329	1969157.2367
4F RF	UDCon13	Combination	Min	Bottom	167326.1592	-1551.0588	-264.0317	-32653.7997	2013445.1243
4F RF	UDCon14	Combination	Max	Top	163260.1958	1550.6767	264.531	32653.3287	1983249.7327
4F RF	UDCon14	Combination	Max	Bottom	167326.1592	1551.0588	264.0317	32653.7993	2029067.64
4F RF	UDCon14	Combination	Min	Top	163260.1958	-2557.2777	-218.552	-18270.1014	1966846.1752
4F RF	UDCon14	Combination	Min	Bottom	167326.1592	-2560.2747	-218.5992	-18264.754	2010974.0381
4F RF	UDCon15	Combination	Max	Top	163260.1958	2904.9014	239.9849	36851.9336	1983757.9918
4F RF	UDCon15	Combination	Max	Bottom	167326.1592	2905.7798	239.722	36860.3379	2029740.7179
4F RF	UDCon15	Combination	Min	Top	163260.1958	-2886.3456	-294.7463	-31008.2358	1968486.4714
4F RF	UDCon15	Combination	Min	Bottom	167326.1592	-2887.9659	-295.258	-31002.5437	2012778.2099
4F RF	UDCon16	Combination	Max	Top	163260.1958	2886.3457	294.7463	31008.2355	1983920.4979
4F RF	UDCon16	Combination	Max	Bottom	167326.1592	2887.9659	295.258	31002.5433	2029734.5544
4F RF	UDCon16	Combination	Min	Top	163260.1958	-2904.9014	-239.9849	-36851.9339	1968648.9775
4F RF	UDCon16	Combination	Min	Bottom	167326.1592	-2905.7798	-239.722	-36860.3383	2012772.0465
4F RF	UDCon17	Combination	Max	Top	160669.4518	2557.2778	218.552	18270.1011	1953862.6471
4F RF	UDCon17	Combination	Max	Bottom	164725.2709	2560.2747	218.5992	18264.7537	1999769.832
4F RF	UDCon17	Combination	Min	Top	160669.4518	-1550.6767	-264.531	-32653.329	1937459.0897
4F RF	UDCon17	Combination	Min	Bottom	164725.2709	-1551.0588	-264.0317	-32653.7997	1981676.2301
4F RF	UDCon18	Combination	Max	Top	160669.4518	1550.6767	264.531	32653.3287	1951551.5857
4F RF	UDCon18	Combination	Max	Bottom	164725.2709	1551.0588	264.0317	32653.7994	1997298.7458
4F RF	UDCon18	Combination	Min	Top	160669.4518	-2557.2777	-218.552	-18270.1014	1935148.0283
4F RF	UDCon18	Combination	Min	Bottom	164725.2709	-2560.2747	-218.5992	-18264.754	1979205.1439
4F RF	UDCon19	Combination	Max	Top	160669.4518	2904.9014	239.9849	36851.9336	1952059.8448
4F RF	UDCon19	Combination	Max	Bottom	164725.2709	2905.7798	239.722	36860.338	1997971.8236
4F RF	UDCon19	Combination	Min	Top	160669.4518	-2886.3456	-294.7463	-31008.2358	1936788.3245
4F RF	UDCon19	Combination	Min	Bottom	164725.2709	-2887.9659	-295.258	-31002.5437	1981009.3157
4F RF	UDCon20	Combination	Max	Top	160669.4518	2886.3457	294.7463	31008.2355	1952222.3509
4F RF	UDCon20	Combination	Max	Bottom	164725.2709	2887.9659	295.258	31002.5433	1997965.6602
4F RF	UDCon20	Combination	Min	Top	160669.4518	-2904.9014	-239.9849	-36851.9339	1936950.8306
4F RF	UDCon20	Combination	Min	Bottom	164725.2709	-2905.7798	-239.722	-36860.3383	1981003.1522
3F RF	Dead	LinStatic		Top	80172.6188	7.431E-06	5.24E-07	-0.0001	973729.0296
3F RF	Dead	LinStatic		Bottom	81882.9185	7.431E-06	5.281E-07	-0.0001	992985.4157
3F RF	Live	LinStatic		Top	9302.7077	1.563E-06	0	-2.171E-05	113806.3601
3F RF	Live	LinStatic		Bottom	9336.5222	1.563E-06	0	-2.171E-05	114042.1844
3F RF	FF	LinStatic		Top	49879.8188	2.083E-06	0	-2.908E-05	603161.9496
3F RF	FF	LinStatic		Bottom	51054.9185	2.083E-06	0	-2.902E-05	616037.9357
3F RF	PW	LinStatic		Top	43288.1888	1.252E-06	0	-1.76E-05	520651.8576
3F RF	PW	LinStatic		Bottom	44458.6085	1.252E-06	0	-1.754E-05	533501.6357
3F RF	Earthquake+x	LinStatic		Top	0	-3905.4679	5.875E-06	49600.1445	-0.0001

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
3F RF	Earthquake+x	LinStatic		Bottom	0	-3906.7274	5.881E-06	49607.6399	-0.0002
3F RF	Earthquake+y	LinStatic		Top	-7.019E-07	-1.025E-05	-3905.4677	-64659.1154	110738.7944
3F RF	Earthquake+y	LinStatic		Bottom	-6.711E-07	-1.025E-05	-3906.7272	-64683.2886	124410.0096
3F RF	TH-X Load Case	LinModHist	Max	Top	0	2733.6893	213.624	18028.0438	10282.3441
3F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2736.5551	213.6719	18020.1416	11143.618
3F RF	TH-X Load Case	LinModHist	Min	Top	0	-1570.2852	-248.162	-32831.5106	-7811.2579
3F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1570.3481	-248.8129	-32837.9698	-8559.0209
3F RF	TH-Y Load Case	LinModHist	Max	Top	0	2914.1362	239.0093	37530.1574	8484.3357
3F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2914.4859	239.1261	37536.2145	9431.9361
3F RF	TH-Y Load Case	LinModHist	Min	Top	0	-2986.3223	-322.5269	-30266.7563	-8478.1723
3F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-2987.7594	-323.0532	-30257.3789	-9198.0567
3F RF	UDCon11	Combination		Top	234009.8458	1.453E-05	1.532E-06	-0.0002	2831682.8296
3F RF	UDCon11	Combination		Bottom	239485.2015	1.453E-05	1.546E-06	-0.0002	2892408.7324
3F RF	UDCon12	Combination		Top	247963.9074	1.688E-05	1.62E-06	-0.0002	3002392.3698
3F RF	UDCon12	Combination		Bottom	253489.9848	1.688E-05	1.634E-06	-0.0002	3063472.0091
3F RF	UDCon13	Combination	Max	Top	176131.4388	2733.6893	213.624	18028.0437	2141967.0889
3F RF	UDCon13	Combination	Max	Bottom	180197.4022	2736.5551	213.6719	18020.1415	2187881.2603
3F RF	UDCon13	Combination	Min	Top	176131.4388	-1570.2851	-248.162	-32831.5108	2123873.4869
3F RF	UDCon13	Combination	Min	Bottom	180197.4022	-1570.3481	-248.8129	-32837.97	2168178.6214
3F RF	UDCon14	Combination	Max	Top	176131.4388	1570.2852	248.162	32831.5105	2139496.0027
3F RF	UDCon14	Combination	Max	Bottom	180197.4022	1570.3481	248.8129	32837.9697	2185296.6632
3F RF	UDCon14	Combination	Min	Top	176131.4388	-2733.6893	-213.624	-18028.044	2121402.4007
3F RF	UDCon14	Combination	Min	Bottom	180197.4022	-2736.555	-213.6719	-18020.1418	2165594.0244
3F RF	UDCon15	Combination	Max	Top	176131.4388	2914.1362	239.0093	37530.1572	2140169.0805
3F RF	UDCon15	Combination	Max	Bottom	180197.4022	2914.4859	239.1261	37536.2143	2186169.5784
3F RF	UDCon15	Combination	Min	Top	176131.4388	-2986.3222	-322.5269	-30266.7565	2123206.5725
3F RF	UDCon15	Combination	Min	Bottom	180197.4022	-2987.7594	-323.0532	-30257.379	2167539.5856
3F RF	UDCon16	Combination	Max	Top	176131.4388	2986.3223	322.5269	30266.7562	2140162.9171
3F RF	UDCon16	Combination	Max	Bottom	180197.4022	2987.7595	323.0532	30257.3787	2185935.699
3F RF	UDCon16	Combination	Min	Top	176131.4388	-2914.1362	-239.0093	-37530.1576	2123200.4091
3F RF	UDCon16	Combination	Min	Bottom	180197.4022	-2914.4859	-239.1261	-37536.2146	2167305.7063
3F RF	UDCon17	Combination	Max	Top	173340.6265	2733.6893	213.624	18028.0437	2107825.1808
3F RF	UDCon17	Combination	Max	Bottom	177396.4456	2736.5551	213.6719	18020.1415	2153668.6049
3F RF	UDCon17	Combination	Min	Top	173340.6265	-1570.2851	-248.162	-32831.5108	2089731.5789
3F RF	UDCon17	Combination	Min	Bottom	177396.4456	-1570.3481	-248.8129	-32837.97	2133965.9661
3F RF	UDCon18	Combination	Max	Top	173340.6265	1570.2852	248.162	32831.5105	2105354.0946
3F RF	UDCon18	Combination	Max	Bottom	177396.4456	1570.3481	248.8129	32837.9697	2151084.0079
3F RF	UDCon18	Combination	Min	Top	173340.6265	-2733.6893	-213.624	-18028.044	2087260.4927
3F RF	UDCon18	Combination	Min	Bottom	177396.4456	-2736.555	-213.6719	-18020.1418	2131381.369
3F RF	UDCon19	Combination	Max	Top	173340.6265	2914.1362	239.0093	37530.1572	2106027.1725
3F RF	UDCon19	Combination	Max	Bottom	177396.4456	2914.4859	239.1261	37536.2143	2151956.923
3F RF	UDCon19	Combination	Min	Top	173340.6265	-2986.3222	-322.5269	-30266.7565	2089064.6645
3F RF	UDCon19	Combination	Min	Bottom	177396.4456	-2987.7594	-323.0532	-30257.379	2133326.9303
3F RF	UDCon20	Combination	Max	Top	173340.6265	2986.3223	322.5269	30266.7562	2106021.009
3F RF	UDCon20	Combination	Max	Bottom	177396.4456	2987.7595	323.0532	30257.3787	2151723.0437

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
3F RF	UDCon20	Combination	Min	Top	173340.6265	-2914.1362	-239.0093	-37530.1575	2089058.5011
3F RF	UDCon20	Combination	Min	Bottom	177396.4456	-2914.4859	-239.1261	-37536.2146	2133093.0509
2F RF	Dead	LinStatic		Top	85924.9272	7.247E-06	5.536E-07	-0.0001	1043233.2735
2F RF	Dead	LinStatic		Bottom	87670.2166	7.247E-06	5.546E-07	-0.0001	1062920.0324
2F RF	Live	LinStatic		Top	9969.6022	1.553E-06	0	-2.151E-05	121952.2304
2F RF	Live	LinStatic		Bottom	10003.4166	1.553E-06	0	-2.151E-05	122188.0548
2F RF	FF	LinStatic		Top	53430.1272	1.901E-06	0	-2.59E-05	645741.3734
2F RF	FF	LinStatic		Bottom	54640.2166	1.901E-06	0	-2.587E-05	659047.7324
2F RF	PW	LinStatic		Top	46367.3322	1.081E-06	0	-1.462E-05	557335.8314
2F RF	PW	LinStatic		Bottom	47572.7416	1.081E-06	0	-1.46E-05	570615.9824
2F RF	Earthquake+x	LinStatic		Top	0	-3964.423	5.457E-06	50343.9208	-0.0002
2F RF	Earthquake+x	LinStatic		Bottom	0	-3965.2626	5.463E-06	50348.9178	-0.0002
2F RF	Earthquake+y	LinStatic		Top	-8.707E-07	-1.274E-05	-3964.4228	-65655.1036	124410.0096
2F RF	Earthquake+y	LinStatic		Bottom	-7.425E-07	-1.274E-05	-3965.2624	-65671.2191	138286.8747
2F RF	TH-X Load Case	LinModHist	Max	Top	0	2895.919	208.0985	20128.2012	11143.618
2F RF	TH-X Load Case	LinModHist	Max	Bottom	0	2898.6465	208.1571	20152.0375	11931.3831
2F RF	TH-X Load Case	LinModHist	Min	Top	0	-1688.075	-293.4039	-33973.024	-8559.0209
2F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1689.8533	-294.1001	-33977.952	-9287.4622
2F RF	TH-Y Load Case	LinModHist	Max	Top	0	2974.3101	250.7716	37884.6716	9431.9361
2F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	2976.3064	251.2116	37888.577	10396.0112
2F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3168.4264	-351.4928	-30481.4717	-9198.0567
2F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3172.5151	-352.3654	-30488.1332	-9871.2514
2F RF	UDCon11	Combination		Top	250725.222	1.381E-05	1.63E-06	-0.0002	3032519.1457
2F RF	UDCon11	Combination		Bottom	256342.2859	1.381E-05	1.634E-06	-0.0002	3094988.0587
2F RF	UDCon12	Combination		Top	265679.6253	1.614E-05	1.721E-06	-0.0002	3215447.4914
2F RF	UDCon12	Combination		Bottom	271347.4108	1.614E-05	1.726E-06	-0.0002	3278270.1408
2F RF	UDCon13	Combination	Max	Top	188713.2673	2895.919	208.0985	20128.201	2294039.7654
2F RF	UDCon13	Combination	Max	Bottom	192884.1997	2898.6466	208.1571	20152.0373	2341171.5467
2F RF	UDCon13	Combination	Min	Top	188713.2673	-1688.075	-293.4039	-33973.0241	2274337.1265
2F RF	UDCon13	Combination	Min	Bottom	192884.1997	-1689.8533	-294.1001	-33977.9521	2319952.7013
2F RF	UDCon14	Combination	Max	Top	188713.2673	1688.075	293.4039	33973.0238	2291455.1684
2F RF	UDCon14	Combination	Max	Bottom	192884.1997	1689.8533	294.1001	33977.9518	2338527.6258
2F RF	UDCon14	Combination	Min	Top	188713.2673	-2895.919	-208.0985	-20128.2013	2271752.5295
2F RF	UDCon14	Combination	Min	Bottom	192884.1997	-2898.6465	-208.1571	-20152.0376	2317308.7805
2F RF	UDCon15	Combination	Max	Top	188713.2673	2974.3101	250.7716	37884.6715	2292328.0835
2F RF	UDCon15	Combination	Max	Bottom	192884.1997	2976.3064	251.2116	37888.5768	2339636.1748
2F RF	UDCon15	Combination	Min	Top	188713.2673	-3168.4264	-351.4928	-30481.4719	2273698.0908
2F RF	UDCon15	Combination	Min	Bottom	192884.1997	-3172.5151	-352.3654	-30488.1334	2319368.9122
2F RF	UDCon16	Combination	Max	Top	188713.2673	3168.4264	351.4928	30481.4716	2292094.2041
2F RF	UDCon16	Combination	Max	Bottom	192884.1997	3172.5151	352.3654	30488.1331	2339111.415
2F RF	UDCon16	Combination	Min	Top	188713.2673	-2974.3101	-250.7716	-37884.6718	2273464.2114
2F RF	UDCon16	Combination	Min	Bottom	192884.1997	-2976.3064	-251.2116	-37888.5771	2318844.1524
2F RF	UDCon17	Combination	Max	Top	185722.3867	2895.919	208.0985	20128.201	2257454.0963
2F RF	UDCon17	Combination	Max	Bottom	189883.1747	2898.6466	208.1571	20152.0373	2304515.1302
2F RF	UDCon17	Combination	Min	Top	185722.3867	-1688.075	-293.4039	-33973.0241	2237751.4574

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
2F RF	UDCon17	Combination	Min	Bottom	189883.1747	-1689.8533	-294.1001	-33977.9521	2283296.2849
2F RF	UDCon18	Combination	Max	Top	185722.3867	1688.075	293.4039	33973.0238	2254869.4992
2F RF	UDCon18	Combination	Max	Bottom	189883.1747	1689.8533	294.1001	33977.9518	2301871.2094
2F RF	UDCon18	Combination	Min	Top	185722.3867	-2895.919	-208.0985	-20128.2013	2235166.8604
2F RF	UDCon18	Combination	Min	Bottom	189883.1747	-2898.6465	-208.1571	-20152.0376	2280652.3641
2F RF	UDCon19	Combination	Max	Top	185722.3867	2974.3101	250.7716	37884.6715	2255742.4144
2F RF	UDCon19	Combination	Max	Bottom	189883.1747	2976.3064	251.2116	37888.5768	2302979.7583
2F RF	UDCon19	Combination	Min	Top	185722.3867	-3168.4264	-351.4928	-30481.4719	2237112.4216
2F RF	UDCon19	Combination	Min	Bottom	189883.1747	-3172.5151	-352.3654	-30488.1334	2282712.4958
2F RF	UDCon20	Combination	Max	Top	185722.3867	3168.4264	351.4928	30481.4716	2255508.535
2F RF	UDCon20	Combination	Max	Bottom	189883.1747	3172.5151	352.3654	30488.1331	2302454.9985
2F RF	UDCon20	Combination	Min	Top	185722.3867	-2974.3101	-250.7716	-37884.6718	2236878.5423
2F RF	UDCon20	Combination	Min	Bottom	189883.1747	-2976.3064	-251.2116	-37888.5771	2282187.736
1F RF	Dead	LinStatic		Top	91817.1193	7.322E-06	5.645E-07	-0.0001	1114498.6071
1F RF	Dead	LinStatic		Bottom	92961.0238	7.322E-06	5.66E-07	-0.0001	1126909.0466
1F RF	Live	LinStatic		Top	10636.4966	1.558E-06	0	-2.157E-05	130098.1008
1F RF	Live	LinStatic		Bottom	10670.3111	1.558E-06	0	-2.157E-05	130333.9251
1F RF	FF	LinStatic		Top	57120.3193	1.975E-06	0	-2.675E-05	690081.8871
1F RF	FF	LinStatic		Bottom	57729.0238	1.975E-06	0	-2.672E-05	696111.9266
1F RF	PW	LinStatic		Top	49586.3593	1.151E-06	0	-1.541E-05	595780.8951
1F RF	PW	LinStatic		Bottom	50190.3838	1.151E-06	0	-1.54E-05	601784.7266
1F RF	Earthquake+x	LinStatic		Top	0	-3992.4252	7.061E-06	50696.0279	-0.0002
1F RF	Earthquake+x	LinStatic		Bottom	0	-3992.845	7.064E-06	50698.5264	-0.0002
1F RF	Earthquake+y	LinStatic		Top	-7.124E-07	-1.153E-05	-3992.425	-66129.3214	138286.8747
1F RF	Earthquake+y	LinStatic		Bottom	-6.179E-07	-1.153E-05	-3992.8448	-66137.3791	152261.0548
1F RF	TH-X Load Case	LinModHist	Max	Top	0	3038.7646	209.0874	23091.648	11931.3831
1F RF	TH-X Load Case	LinModHist	Max	Bottom	0	3041.3299	209.2449	23115.5231	12643.4532
1F RF	TH-X Load Case	LinModHist	Min	Top	0	-1865.645	-340.5196	-34914.3732	-9287.4622
1F RF	TH-X Load Case	LinModHist	Min	Bottom	0	-1867.8746	-341.3664	-34918.4225	-9997.8603
1F RF	TH-Y Load Case	LinModHist	Max	Top	0	3093.2625	292.4152	38160.0478	10396.0112
1F RF	TH-Y Load Case	LinModHist	Max	Bottom	0	3095.0926	292.9075	38171.5283	11375.6109
1F RF	TH-Y Load Case	LinModHist	Min	Top	0	-3403.9681	-381.2553	-32418.9158	-9871.2514
1F RF	TH-Y Load Case	LinModHist	Min	Bottom	0	-3407.919	-382.1067	-32442.17	-10513.5458
1F RF	UDCon11	Combination		Top	268007.1271	1.411E-05	1.666E-06	-0.0002	3240487.8755
1F RF	UDCon11	Combination		Bottom	271188.5823	1.411E-05	1.671E-06	-0.0002	3273487.6946
1F RF	UDCon12	Combination		Top	283961.8721	1.644E-05	1.759E-06	-0.0002	3435635.0267
1F RF	UDCon12	Combination		Bottom	287194.049	1.644E-05	1.764E-06	-0.0002	3468988.5823
1F RF	UDCon13	Combination	Max	Top	201714.7469	3038.7646	209.0874	23091.6478	2451322.2026
1F RF	UDCon13	Combination	Max	Bottom	204081.5247	3041.3299	209.2449	23115.5229	2476549.3304
1F RF	UDCon13	Combination	Min	Top	201714.7469	-1865.645	-340.5196	-34914.3734	2430103.3573
1F RF	UDCon13	Combination	Min	Bottom	204081.5247	-1867.8746	-341.3664	-34918.4226	2453908.017
1F RF	UDCon14	Combination	Max	Top	201714.7469	1865.645	340.5196	34914.3731	2448678.2818
1F RF	UDCon14	Combination	Max	Bottom	204081.5247	1867.8746	341.3664	34918.4223	2473903.7375
1F RF	UDCon14	Combination	Min	Top	201714.7469	-3038.7646	-209.0874	-23091.6481	2427459.4364
1F RF	UDCon14	Combination	Min	Bottom	204081.5247	-3041.3299	-209.2449	-23115.5232	2451262.4241

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m
1F RF	UDCon15	Combination	Max	Top	201714.7469	3093.2625	292.4152	38160.0477	2449786.8307
1F RF	UDCon15	Combination	Max	Bottom	204081.5247	3095.0926	292.9075	38171.5282	2475281.4881
1F RF	UDCon15	Combination	Min	Top	201714.7469	-3403.9681	-381.2553	-32418.9159	2429519.5681
1F RF	UDCon15	Combination	Min	Bottom	204081.5247	-3407.919	-382.1067	-32442.1702	2453392.3315
1F RF	UDCon16	Combination	Max	Top	201714.7469	3403.9681	381.2553	32418.9156	2449262.0709
1F RF	UDCon16	Combination	Max	Bottom	204081.5247	3407.919	382.1067	32442.1699	2474419.423
1F RF	UDCon16	Combination	Min	Top	201714.7469	-3093.2625	-292.4152	-38160.048	2428994.8083
1F RF	UDCon16	Combination	Min	Bottom	204081.5247	-3095.0926	-292.9075	-38171.5285	2452530.2664
1F RF	UDCon17	Combination	Max	Top	198523.7979	3038.7646	209.0874	23091.6478	2412292.7723
1F RF	UDCon17	Combination	Max	Bottom	200880.4314	3041.3299	209.2449	23115.5229	2437449.1529
1F RF	UDCon17	Combination	Min	Top	198523.7979	-1865.645	-340.5196	-34914.3733	2391073.927
1F RF	UDCon17	Combination	Min	Bottom	200880.4314	-1867.8746	-341.3664	-34918.4226	2414807.8395
1F RF	UDCon18	Combination	Max	Top	198523.7979	1865.645	340.5196	34914.3731	2409648.8515
1F RF	UDCon18	Combination	Max	Bottom	200880.4314	1867.8746	341.3664	34918.4223	2434803.56
1F RF	UDCon18	Combination	Min	Top	198523.7979	-3038.7646	-209.0874	-23091.6481	2388430.0062
1F RF	UDCon18	Combination	Min	Bottom	200880.4314	-3041.3299	-209.2449	-23115.5232	2412162.2466
1F RF	UDCon19	Combination	Max	Top	198523.7979	3093.2625	292.4152	38160.0477	2410757.4004
1F RF	UDCon19	Combination	Max	Bottom	200880.4314	3095.0926	292.9075	38171.5282	2436181.3106
1F RF	UDCon19	Combination	Min	Top	198523.7979	-3403.9681	-381.2553	-32418.9159	2390490.1379
1F RF	UDCon19	Combination	Min	Bottom	200880.4314	-3407.919	-382.1067	-32442.1702	2414292.1539
1F RF	UDCon20	Combination	Max	Top	198523.7979	3403.9681	381.2553	32418.9157	2410232.6407
1F RF	UDCon20	Combination	Max	Bottom	200880.4314	3407.919	382.1067	32442.1699	2435319.2455
1F RF	UDCon20	Combination	Min	Top	198523.7979	-3093.2625	-292.4152	-38160.048	2389965.3781
1F RF	UDCon20	Combination	Min	Bottom	200880.4314	-3095.0926	-292.9075	-38171.5285	2413430.0888

Table 3.8 - Story Forces (Part 2 of 2)

MY kN-m
-62994.6547
-91664.9335
-9396.7835
-10045.7378
-36805.4647
-56686.7035
-29931.7819
-49723.1646
1.256E-06
-1370.3648
-4.503E-06
-1.431E-05
5.314E-07
1058.506
-1.069E-06
-928.7443
1.111E-06

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

MY kN-m
1522.568
-8.217E-07
-1106.4175
-175138.0668
-267400.9822
-189233.242
-282469.5889
-132550.9364
-200030.0169
-132550.9364
-202017.2673
-132550.9363
-200159.7787
-132550.9364
-202147.029
-132550.9363
-199565.955
-132550.9364
-202194.9405
-132550.9363
-199982.1055
-132550.9364
-202611.091
-129731.9013
-197016.2956
-129731.9013
-199003.5459
-129731.9013
-197146.0574
-129731.9013
-199133.3077
-129731.9013
-196552.2337
-129731.9013
-199181.2191
-129731.9013
-196968.3842
-129731.9013
-199597.3696
-154659.5882
-183329.867
-19442.5213
-20091.4756
-93492.1682
-113373.407

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

MY kN-m
-79654.9465
-99446.3293
-1370.3648
-4317.244
-8.088E-06
-1.523E-05
1058.5061
3266.9759
-928.7443
-2836.1444
1522.568
4659.2572
-1106.4175
-3470.4672
-442539.049
-534801.9645
-471702.8309
-564939.1778
-332580.9533
-398910.0701
-334568.2036
-405013.1904
-332710.7151
-399340.9015
-334697.9654
-405444.0219
-332116.8914
-397517.7887
-334745.8768
-405647.5131
-332533.0419
-398706.5788
-335162.0273
-406836.3032
-326748.1969
-392882.6274
-328735.4473
-398985.7477
-326877.9587
-393313.4589
-328865.209
-399416.5792
-326284.135
-391490.3461
-328913.1204

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

MY kN-m
-399620.0705
-326700.2855
-392679.1362
-329329.2709
-400808.8605
-246324.5217
-274994.8005
-29488.2591
-30137.2134
-150178.8717
-170060.1105
-129378.1111
-149169.4939
-4317.244
-8735.5886
-5.505E-06
-1.368E-05
3266.9759
6470.8204
-2836.1444
-5547.6553
4659.2572
9152.3113
-3470.4672
-6988.4899
-709940.0312
-802202.9467
-754172.4198
-847408.7667
-531461.0064
-596794.7486
-537564.1268
-608813.2242
-531891.8379
-597717.9137
-537994.9582
-609736.3893
-530068.7251
-594113.2577
-538198.4495
-610254.0589
-531257.5152
-596277.079
-539387.2396
-612417.8802

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

MY kN-m
-522614.5287
-587753.5846
-528717.649
-599772.0602
-523045.3602
-588676.7497
-529148.4805
-600695.2253
-521222.2474
-585072.0937
-529351.9718
-601212.8949
-522411.0375
-587235.915
-530540.7619
-603376.7162
-337989.4552
-366659.734
-39533.9969
-40182.9512
-206865.5753
-226746.814
-179101.2758
-198892.6586
-8735.5886
-14520.3491
-1.459E-05
-3.88E-05
6470.8204
10513.4576
-5547.6553
-8881.5862
9152.3113
14744.931
-6988.4899
-11552.218
-977341.0135
-1069604
-1036642
-1129878
-729345.685
-793840.6344
-741364.1606
-813235.6782
-730268.8501

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

MY kN-m
-795472.5057
-742287.3257
-814867.5495
-726664.1941
-789609.161
-742804.9953
-815906.3099
-728828.0154
-792801.874
-744968.8166
-819099.0229
-717485.4859
-781785.749
-729503.9616
-801180.7928
-718408.651
-783417.6204
-730427.1266
-802812.6642
-714803.995
-777554.2756
-730944.7962
-803851.4246
-716967.8164
-780746.9886
-733108.6175
-807044.1376
-429654.3887
-458324.6675
-49579.7347
-50228.689
-263552.2788
-283433.5176
-228824.4404
-248615.8232
-14520.3491
-21566.4765
-4.118E-05
-0.0001
10513.4576
15250.3266
-8881.5862
-12651.5051
14744.931
21191.7635

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

MY kN-m
-11552.218
-17049.1901
-1244742
-1337005
-1319112
-1412348
-926391.5708
-990192.2884
-945786.6146
-1018094
-928023.4421
-992791.1099
-947418.4859
-1020693
-922160.0974
-984250.8515
-948457.2463
-1022492
-925352.8104
-988393.4249
-951649.9593
-1026634
-911517.6504
-975123.6817
-930912.6942
-1003026
-913149.5217
-977722.5032
-932544.5655
-1005624
-907286.177
-969182.2448
-933583.3259
-1007423
-910478.89
-973324.8182
-936776.0389
-1011566
-521319.3222
-549989.601
-59625.4725
-60274.4267
-320238.9823
-340120.2211
-278547.605

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

MY kN-m
-298338.9878
-21566.4765
-29768.9215
-0.0001
-0.0001
15250.3266
20917.5841
-12651.5051
-16670.9928
21191.7635
28269.1833
-17049.1901
-23364.0612
-1512143
-1604406
-1601581
-1694818
-1122743
-1185614
-1150645
-1223202
-1125342
-1189860
-1153244
-1227449
-1116802
-1178262
-1155043
-1229895
-1120944
-1183167
-1159185
-1234800
-1104856
-1167531
-1132757
-1205120
-1107454
-1171778
-1135356
-1209366
-1098914
-1160180
-1137155
-1211813

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

MY kN-m
-1103057
-1165085
-1141298
-1216718
-612984.2557
-641654.5345
-69671.2102
-70320.1645
-376925.6858
-396806.9246
-328270.7697
-348062.1525
-29768.9215
-39022.635
-0.0001
-0.0001
20917.5841
27209.8626
-16670.9928
-20759.9423
28269.1833
36024.7963
-23364.0612
-30380.4732
-1779544
-1871807
-1884051
-1977287
-1318164
-1380410
-1355753
-1428380
-1322411
-1386860
-1360000
-1434830
-1310813
-1371595
-1362446
-1438000
-1315718
-1377239
-1367351
-1443644
-1297263

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

MY kN-m
-1359314
-1334852
-1407284
-1301510
-1365764
-1339098
-1413733
-1289912
-1350499
-1341545
-1416904
-1294817
-1356143
-1346450
-1422548
-704649.1892
-733319.468
-79716.948
-80365.9023
-433612.3893
-453493.6281
-377993.9343
-397785.3171
-39022.635
-49222.5679
-0.0001
-0.0001
27209.8626
34011.0094
-20759.9423
-24751.6617
36024.7963
44831.306
-30380.4732
-38213.8749
-2046945
-2139208
-2166520
-2259757
-1512961
-1574697
-1560931
-1633460
-1519411
-1583957

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

MY kN-m
-1567380
-1642719
-1504146
-1563877
-1570551
-1646922
-1509790
-1570494
-1576195
-1653539
-1489046
-1550587
-1537015
-1609350
-1495496
-1559847
-1543465
-1618609
-1480231
-1539767
-1546636
-1622812
-1485875
-1546385
-1552280
-1629430
-796314.1227
-824984.4015
-89762.6858
-90411.6401
-490299.0928
-510180.3316
-427717.099
-447508.4817
-49222.5679
-60263.6709
-0.0001
-0.0002
34011.0094
41203.4421
-24751.6617
-28499.7047
44831.306
54007.5965
-38213.8749

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

MY kN-m
-46789.7353
-2314346
-2406609
-2448990
-2542226
-1707248
-1768593
-1766011
-1838296
-1716507
-1781297
-1775270
-1851000
-1696428
-1755789
-1779473
-1856586
-1703045
-1763007
-1786090
-1863804
-1680319
-1741470
-1739082
-1811173
-1689579
-1754174
-1748341
-1823877
-1669499
-1728666
-1752544
-1829463
-1676116
-1735883
-1759162
-1836681
-887979.0562
-916649.335
-99808.4236
-100457.3779
-546985.7963
-566867.0351
-477440.2636
-497231.6464

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

MY kN-m
-60263.6709
-72040.8949
-0.0002
-0.0002
41203.4421
48671.294
-28499.7047
-31883.2998
54007.5965
63370.5324
-46789.7353
-55907.4223
-2581747
-2674010
-2731460
-2824696
-1901144
-1962214
-1970847
-2042769
-1913848
-1979002
-1983551
-2059557
-1888340
-1947515
-1989137
-2066793
-1895558
-1954978
-1996355
-2074256
-1871202
-1932077
-1940905
-2012631
-1883905
-1948865
-1953609
-2029419
-1858398
-1917377
-1959195
-2036655
-1865615

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

MY kN-m
-1924841
-1966413
-2044119
-979643.9897
-1008314
-109854.1614
-110503.1157
-603672.4998
-623553.7386
-527163.4282
-546954.811
-72040.8949
-84449.1905
-0.0002
-0.0002
48671.294
56303.7649
-31883.2998
-35983.1411
63370.5324
72756.9471
-55907.4223
-65460.9323
-2849148
-2941411
-3013929
-3107165
-2094765
-2155670
-2175319
-2247957
-2111553
-2175991
-2192107
-2268278
-2080066
-2139217
-2199344
-2277435
-2087529
-2146513
-2206807
-2284731
-2061809
-2122519

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

MY kN-m
-2142363
-2214806
-2078597
-2142840
-2159151
-2235127
-2047109
-2106066
-2166387
-2244284
-2054572
-2113362
-2173850
-2251580
-1071309
-1099979
-119899.8992
-120548.8535
-660359.2033
-680240.4421
-576886.5929
-596677.9757
-84449.1905
-97383.5087
-0.0002
-0.0003
56303.7649
63998.3267
-35983.1411
-40664.1373
72756.9471
82030.1938
-65460.9323
-75340.3676
-3116549
-3208812
-3296399
-3389635
-2288221
-2349064
-2380508
-2453726
-2308542
-2372398
-2400828

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

MY kN-m
-2477061
-2271768
-2331032
-2409986
-2488403
-2279064
-2337722
-2417282
-2495092
-2252251
-2312899
-2344538
-2417562
-2272572
-2336233
-2364858
-2440896
-2235798
-2294867
-2374016
-2452238
-2243094
-2301557
-2381312
-2458928
-1162974
-1191644
-129945.637
-130594.5913
-717045.9069
-736927.1456
-626609.7575
-646401.1403
-97383.5087
-110738.8003
-0.0003
-0.0003
63998.3267
71663.4252
-40664.1373
-45355.2364
82030.1938
91082.59
-75340.3676
-85436.0378

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

MY kN-m
-3383950
-3476213
-3578868
-3672105
-2481615
-2542487
-2586277
-2659506
-2504949
-2568796
-2609612
-2685814
-2463583
-2523068
-2620954
-2699587
-2470273
-2528715
-2627643
-2705233
-2442631
-2503309
-2547294
-2620328
-2465965
-2529617
-2570628
-2646636
-2424599
-2483890
-2581970
-2660408
-2431289
-2489536
-2588660
-2666055
-1254639
-1283309
-139991.3748
-140640.329
-773732.6104
-793613.8492
-676332.9221
-696124.3049
-110738.8003

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

MY kN-m
-124410.016
-0.0003
-0.0003
71663.4252
79757.0545
-45355.2364
-50051.0297
91082.59
99833.6979
-85436.0378
-95643.6789
-3651351
-3743614
-3861338
-3954574
-2675038
-2735482
-2792057
-2865290
-2701346
-2765188
-2818365
-2894996
-2655619
-2715406
-2832138
-2910883
-2661266
-2719596
-2837784
-2915073
-2633041
-2693290
-2750060
-2823098
-2659349
-2722996
-2776368
-2852804
-2613622
-2673214
-2790140
-2868691
-2619268
-2677404

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

MY kN-m
-2795787
-2872881
-1344844
-1374452
-150037.1125
-150686.0668
-828960.0715
-849779.0333
-724596.8444
-745325.9502
-124410.016
-138286.8818
-0.0003
-0.0004
79757.0545
88905.9514
-50051.0297
-54754.5964
99833.6979
108235.6695
-95643.6789
-105868.3714
-3912842
-4008903
-4137898
-4234932
-2863655
-2925857
-2993464
-3069518
-2893362
-2960009
-3023170
-3103669
-2843579
-2906528
-3039056
-3120632
-2847769
-2908895
-3043246
-3122999
-2818644
-2880652
-2948452

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

MY kN-m
-3024312
-2848350
-2914803
-2978158
-3058463
-2798568
-2861322
-2994045
-3075426
-2802758
-2863689
-2998235
-3077793
-1437521
-1457674
-160082.8503
-160731.8046
-886658.5733
-898022.0702
-775331.8073
-786605.4483
-138286.8818
-152261.0625
-0.0004
-0.0004
88905.9514
98072.4953
-54754.5964
-59468.6466
108235.6695
116269.3068
-105868.3714
-116035.0648
-4184341
-4242107
-4424465
-4483204
-3058630
-3092448
-3202291
-3249989
-3092782
-3131052
-3236442
-3288593

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

MY kN-m
-3039301
-3074252
-3253405
-3306556
-3041668
-3074486
-3255772
-3306790
-3010606
-3044229
-3154266
-3201770
-3044757
-3082833
-3188418
-3240374
-2991276
-3026032
-3205380
-3258336
-2993643
-3026266
-3207747
-3258571

Table 3.9 - Story Stiffness

Story	Output Case	Case Type	Step Type	Shear X kN	Drift X mm	Stiff X kN/m	Shear Y kN	Drift Y mm	Stiff Y kN/m
16	Earthquake+x	LinStatic	Step By Step	395.0833	4.834	81730.804	8.24E-07	1.04	0
15	Earthquake+x	LinStatic	Step By Step	845.294	5.114	165296.824	7.114E-07	1.05	0
14	Earthquake+x	LinStatic	Step By Step	1265.4908	5.361	236057.087	8.228E-07	1.076	0
13	Earthquake+x	LinStatic	Step By Step	1655.6735	5.639	293594.956	1.696E-06	1.118	0
12F RF	Earthquake+x	LinStatic	Step By Step	2015.8421	5.924	340312.492	2.42E-06	1.162	0
11F RF	Earthquake+x	LinStatic	Step By Step	2345.9967	6.2	378384.925	1.251E-06	1.206	0
10F RF	Earthquake+x	LinStatic	Step By Step	2646.1372	6.451	410163.624	3.169E-06	1.25	0
9F RF	Earthquake+x	LinStatic	Step By Step	2916.2637	6.662	437739.072	3.375E-06	1.289	0
8F RF	Earthquake+x	LinStatic	Step By Step	3156.3761	6.817	463010.332	2.158E-06	1.322	0
7F RF	Earthquake+x	LinStatic	Step By Step	3366.4745	6.902	487744.358	4.218E-06	1.348	0
6F RF	Earthquake+x	LinStatic	Step By Step	3546.5587	6.901	513911.755	5.345E-06	1.365	0
5F RF	Earthquake+x	LinStatic	Step By Step	3696.629	6.803	543365.279	6.885E-06	1.371	0
4F RF	Earthquake+x	LinStatic	Step By Step	3816.6852	6.62	576557.689	6.409E-06	1.361	0
3F RF	Earthquake+x	LinStatic	Step By Step	3906.7274	6.157	634486.981	5.881E-06	1.261	0
2F RF	Earthquake+x	LinStatic	Step By Step	3965.2626	6.209	638654.475	5.463E-06	1.366	0
1F RF	Earthquake+x	LinStatic	Step By Step	3992.845	45.551	87657.171	7.064E-06	10.714	0
16	Earthquake+y	LinStatic	Step By Step	8.657E-07	0.342	0	395.0832	5.096	77525.15

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
15	Earthquake+y	LinStatic	Step By Step	1.05E-06	0.286	0	845.294	5.161	163777.152
14	Earthquake+y	LinStatic	Step By Step	3.864E-06	0.285	0	1265.4907	5.27	240114.835
13	Earthquake+y	LinStatic	Step By Step	5.31E-06	0.291	0	1655.6734	5.401	306554.656
12F RF	Earthquake+y	LinStatic	Step By Step	5.987E-06	0.296	0	2015.842	5.528	364681.83
11F RF	Earthquake+y	LinStatic	Step By Step	6.125E-06	0.299	0	2345.9965	5.637	416213.276
10F RF	Earthquake+y	LinStatic	Step By Step	7.487E-06	0.297	0	2646.1371	5.716	462919.974
9F RF	Earthquake+y	LinStatic	Step By Step	9.758E-06	0.29	0	2916.2635	5.754	506800.197
8F RF	Earthquake+y	LinStatic	Step By Step	9.51E-06	0.272	0	3156.3759	5.742	549660.655
7F RF	Earthquake+y	LinStatic	Step By Step	1.077E-05	0.25	0	3366.4743	5.667	594026.193
6F RF	Earthquake+y	LinStatic	Step By Step	1.075E-05	0.253	0	3546.5586	5.526	641781.575
5F RF	Earthquake+y	LinStatic	Step By Step	1.063E-05	0.269	0	3696.6288	5.297	697845.553
4F RF	Earthquake+y	LinStatic	Step By Step	9.926E-06	0.329	0	3816.685	5.086	750472.473
3F RF	Earthquake+y	LinStatic	Step By Step	1.025E-05	0.333	0	3906.7272	4.573	854282.215
2F RF	Earthquake+y	LinStatic	Step By Step	1.274E-05	0.542	0	3965.2624	7.067	561093.484
1F RF	Earthquake+y	LinStatic	Step By Step	1.153E-05	9.261	0	3992.8448	49.576	80539.35

3.3 Modal Results

Table 3.10 - Modal Periods And Frequencies

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

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

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

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

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	10	0.176	0.0001	0	0	0.9999	0.9997	0	6.188E-07	0.004	7.217E-07
Modal	11	0.133	0	0.0001	0	0.9999	0.9997	0	0.0027	0	6.754E-06
Modal	12	0.125	0	1.227E-06	0	0.9999	0.9997	0	3.039E-06	0	0

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

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

Table 3.12 - Modal Load Participation Ratios

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

Table 3.13 - Modal Direction Factors

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