



Summary Report

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

1 Structure Data

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

1.1 Story Data

Table 1.1 - Story Definitions

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

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

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

2.2 Functions

2.2.1 Response Spectrum Functions

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

Name	Period sec	Value	Country	Direction	Ag	Spectrum Type	Ground Type	S	Tb sec
Target Response Spectrum	0	0.32		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		-3.486E-06	-6.665E-07	169920.5288	2044480.4309	-2775905	8.721E-06
Live	LinStatic		-7.571E-07	0	10674.9911	130377.9171	-160824.7027	7.693E-06
FF	LinStatic		-1.823E-06	0	134688.5288	1613683.3109	-2216254	-4.975E-06
PW	LinStatic		-1.246E-06	0	127147.5488	1519334.1148	-2104791	-1.082E-05
Earthquake+x	LinStatic		-4039.2518	1.132E-05	0	-0.0004	-154530.5743	51260.0565
Earthquake+y	LinStatic		7.44E-06	-4039.2519	7.405E-06	154530.5775	0.0001	-67325.8355
TH-X Load Case	LinModHist	Max	5147.3931	2255.3319	10.379	75660.6304	157287.9637	70101.7089
TH-X Load Case	LinModHist	Min	-5138.9333	-2408.2879	-9.7201	-73190.6737	-166925.5393	-73351.1061
TH-Y Load Case	LinModHist	Max	4446.7151	2235.6238	11.4778	79276.9284	138394.1403	77026.5799
TH-Y Load Case	LinModHist	Min	-5235.3316	-2347.253	-11.8341	-76031.1044	-167290.0021	-74465.0595
UDCon1	Combination		-8.85E-06	-2.201E-06	582871.4185	6989622.1064	-9580882	-9.549E-06
UDCon2	Combination		-9.986E-06	-2.241E-06	598883.9051	7185188.9821	-9822119	1.99E-06
UDCon3	Combination	Max	5147.3931	2255.3319	434969.4826	5292271.8622	-6987909	70101.7089
UDCon3	Combination	Min	-5138.9333	-2408.2879	434949.3835	5143420.5581	-7312122	-73351.1061
UDCon4	Combination	Max	5138.9333	2408.2879	434968.8237	5289801.9054	-6978271	73351.1061
UDCon4	Combination	Min	-5147.3931	-2255.3319	434948.7246	5140950.6013	-7302485	-70101.7089
UDCon5	Combination	Max	4446.7151	2235.6238	434970.5814	5295888.1601	-7006803	77026.5799
UDCon5	Combination	Min	-5235.3316	-2347.253	434947.2695	5140580.1273	-7312487	-74465.0595
UDCon6	Combination	Max	5235.3316	2347.253	434970.9377	5292642.3362	-6977907	74465.0594
UDCon6	Combination	Min	-4446.7151	-2235.6238	434947.6258	5137334.3034	-7283591	-77026.5799
UDCon7	Combination	Max	5147.3931	2255.3319	431766.9853	5253158.487	-6939662	70101.7089
UDCon7	Combination	Min	-5138.9333	-2408.2879	431746.8862	5104307.183	-7263875	-73351.1061
UDCon8	Combination	Max	5138.9333	2408.2879	431766.3264	5250688.5303	-6930024	73351.1061
UDCon8	Combination	Min	-5147.3931	-2255.3319	431746.2273	5101837.2262	-7254237	-70101.7089
UDCon9	Combination	Max	4446.7151	2235.6238	431768.0841	5256774.785	-6958555	77026.5799
UDCon9	Combination	Min	-5235.3316	-2347.253	431744.7721	5101466.7522	-7264240	-74465.0595
UDCon10	Combination	Max	5235.3316	2347.253	431768.4404	5253528.9611	-6929660	74465.0594
UDCon10	Combination	Min	-4446.7151	-2235.6238	431745.1284	5098220.9283	-7235344	-77026.5799

Table 3.1 - Base Reactions (Part 2 of 2)

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

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

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

Table 3.2 - Centers Of Mass And Rigidity

Story	Diaphragm	Mass X kg	Mass Y kg	XCM m	YCM m	Cum Mass X kg	Cum Mass Y kg	XCCM m	YCCM m	XCR m	YCR m
14	D1	0	0	15.615	12.0854	0	0	0	0		
13	D1	0	0	15.615	12.0854	0	0	0	0		
12F RF	D1	0	0	15.615	12.0854	0	0	0	0		
11F RF	D1	0	0	15.615	12.0854	0	0	0	0		
10F RF	D1	0	0	15.615	12.0854	0	0	0	0		
9F RF	D1	0	0	15.615	12.0854	0	0	0	0		
8F RF	D1	0	0	15.615	12.0854	0	0	0	0		
7F RF	D1	0	0	15.615	12.0854	0	0	0	0		
6F RF	D1	0	0	15.615	12.0854	0	0	0	0		
5F RF	D1	0	0	15.615	12.0854	0	0	0	0		
4F RF	D1	0	0	15.615	12.0854	0	0	0	0		
3F RF	D1	0	0	15.615	12.0854	0	0	0	0		
2F RF	D1	0	0	16.3662	12.0162	0	0	0	0		
1F RF	D1	0	0	15.7572	12.0256	0	0	0	0		

Table 3.3 - Diaphragm Center Of Mass Displacements

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
14	D1	Dead	LinStatic		-9.145	27.674	0.001296	1	15.615	12.0854	49
14	D1	Live	LinStatic		-1.838	1.511	6.7E-05	1	15.615	12.0854	49
14	D1	FF	LinStatic		-5.051	22.133	0.000969	1	15.615	12.0854	49

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
14	D1	PW	LinStatic		-3.656	20.71	0.000919	1	15.615	12.0854	49
14	D1	Earthquake+x	LinStatic		178.193	21.388	-0.005542	1	15.615	12.0854	49
14	D1	Earthquake+y	LinStatic		12.69	196.81	-0.004811	1	15.615	12.0854	49
14	D1	TH-X Load Case	LinModHist	Max	208.16	108.227	0.009444	1	15.615	12.0854	49
14	D1	TH-X Load Case	LinModHist	Min	-198.178	-97.522	-0.007719	1	15.615	12.0854	49
14	D1	TH-Y Load Case	LinModHist	Max	213.638	90.708	0.009436	1	15.615	12.0854	49
14	D1	TH-Y Load Case	LinModHist	Min	-173.88	-91.087	-0.007515	1	15.615	12.0854	49
14	D1	UDCon1	Combination		-24.099	95.198	0.004297	1	15.615	12.0854	49
14	D1	UDCon2	Combination		-26.857	97.464	0.004398	1	15.615	12.0854	49
14	D1	UDCon3	Combination	Max	189.757	179.197	0.012647	1	15.615	12.0854	49
14	D1	UDCon3	Combination	Min	-216.581	-26.552	-0.004516	1	15.615	12.0854	49
14	D1	UDCon4	Combination	Max	179.775	168.493	0.010922	1	15.615	12.0854	49
14	D1	UDCon4	Combination	Min	-226.562	-37.256	-0.00624	1	15.615	12.0854	49
14	D1	UDCon5	Combination	Max	195.235	161.678	0.01264	1	15.615	12.0854	49
14	D1	UDCon5	Combination	Min	-192.282	-20.116	-0.004312	1	15.615	12.0854	49
14	D1	UDCon6	Combination	Max	155.477	162.057	0.010718	1	15.615	12.0854	49
14	D1	UDCon6	Combination	Min	-232.041	-19.737	-0.006233	1	15.615	12.0854	49
14	D1	UDCon7	Combination	Max	190.309	178.744	0.012627	1	15.615	12.0854	49
14	D1	UDCon7	Combination	Min	-216.029	-27.005	-0.004536	1	15.615	12.0854	49
14	D1	UDCon8	Combination	Max	180.327	168.039	0.010902	1	15.615	12.0854	49
14	D1	UDCon8	Combination	Min	-226.011	-37.71	-0.006261	1	15.615	12.0854	49
14	D1	UDCon9	Combination	Max	195.787	161.225	0.01262	1	15.615	12.0854	49
14	D1	UDCon9	Combination	Min	-191.731	-20.57	-0.004332	1	15.615	12.0854	49
14	D1	UDCon10	Combination	Max	156.029	161.604	0.010698	1	15.615	12.0854	49
14	D1	UDCon10	Combination	Min	-231.489	-20.191	-0.006253	1	15.615	12.0854	49
13	D1	Dead	LinStatic		-8.064	25.438	0.001177	2	15.615	12.0854	45.5
13	D1	Live	LinStatic		-1.661	1.384	6E-05	2	15.615	12.0854	45.5
13	D1	FF	LinStatic		-4.394	20.355	0.000881	2	15.615	12.0854	45.5
13	D1	PW	LinStatic		-3.132	19.053	0.000836	2	15.615	12.0854	45.5
13	D1	Earthquake+x	LinStatic		175.9	20.945	-0.005492	2	15.615	12.0854	45.5
13	D1	Earthquake+y	LinStatic		12.311	194.178	-0.004807	2	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Max	205.914	107.011	0.00942	2	15.615	12.0854	45.5
13	D1	TH-X Load Case	LinModHist	Min	-196.492	-96.225	-0.007714	2	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Max	211.628	89.528	0.009431	2	15.615	12.0854	45.5
13	D1	TH-Y Load Case	LinModHist	Min	-172.096	-90.132	-0.007495	2	15.615	12.0854	45.5
13	D1	UDCon1	Combination		-21.047	87.542	0.003908	2	15.615	12.0854	45.5
13	D1	UDCon2	Combination		-23.538	89.617	0.003998	2	15.615	12.0854	45.5
13	D1	UDCon3	Combination	Max	189.826	172.272	0.012333	2	15.615	12.0854	45.5
13	D1	UDCon3	Combination	Min	-212.58	-30.964	-0.004801	2	15.615	12.0854	45.5
13	D1	UDCon4	Combination	Max	180.403	161.486	0.010626	2	15.615	12.0854	45.5
13	D1	UDCon4	Combination	Min	-222.003	-41.75	-0.006508	2	15.615	12.0854	45.5
13	D1	UDCon5	Combination	Max	195.54	154.789	0.012344	2	15.615	12.0854	45.5
13	D1	UDCon5	Combination	Min	-188.185	-24.871	-0.004582	2	15.615	12.0854	45.5
13	D1	UDCon6	Combination	Max	156.008	155.393	0.010408	2	15.615	12.0854	45.5
13	D1	UDCon6	Combination	Min	-227.717	-24.267	-0.006518	2	15.615	12.0854	45.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
13	D1	UDCon7	Combination	Max	190.324	171.857	0.012315	2	15.615	12.0854	45.5
13	D1	UDCon7	Combination	Min	-212.082	-31.379	-0.004819	2	15.615	12.0854	45.5
13	D1	UDCon8	Combination	Max	180.901	161.071	0.010608	2	15.615	12.0854	45.5
13	D1	UDCon8	Combination	Min	-221.505	-42.165	-0.006526	2	15.615	12.0854	45.5
13	D1	UDCon9	Combination	Max	196.038	154.374	0.012326	2	15.615	12.0854	45.5
13	D1	UDCon9	Combination	Min	-187.687	-25.286	-0.0046	2	15.615	12.0854	45.5
13	D1	UDCon10	Combination	Max	156.506	154.978	0.01039	2	15.615	12.0854	45.5
13	D1	UDCon10	Combination	Min	-227.218	-24.682	-0.006536	2	15.615	12.0854	45.5
12F RF	D1	Dead	LinStatic		-7	23.186	0.00106	3	15.615	12.0854	42
12F RF	D1	Live	LinStatic		-1.486	1.257	5.4E-05	3	15.615	12.0854	42
12F RF	D1	FF	LinStatic		-3.746	18.56	0.000794	3	15.615	12.0854	42
12F RF	D1	PW	LinStatic		-2.617	17.377	0.000754	3	15.615	12.0854	42
12F RF	D1	Earthquake+x	LinStatic		173.551	20.502	-0.005443	3	15.615	12.0854	42
12F RF	D1	Earthquake+y	LinStatic		11.932	191.532	-0.004804	3	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Max	203.61	105.789	0.009396	3	15.615	12.0854	42
12F RF	D1	TH-X Load Case	LinModHist	Min	-194.758	-94.968	-0.007708	3	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Max	209.566	88.34	0.009425	3	15.615	12.0854	42
12F RF	D1	TH-Y Load Case	LinModHist	Min	-170.265	-89.171	-0.007484	3	15.615	12.0854	42
12F RF	D1	UDCon1	Combination		-18.04	79.816	0.00352	3	15.615	12.0854	42
12F RF	D1	UDCon2	Combination		-20.269	81.702	0.003601	3	15.615	12.0854	42
12F RF	D1	UDCon3	Combination	Max	189.801	165.289	0.01202	3	15.615	12.0854	42
12F RF	D1	UDCon3	Combination	Min	-208.567	-35.468	-0.005084	3	15.615	12.0854	42
12F RF	D1	UDCon4	Combination	Max	180.949	154.469	0.010332	3	15.615	12.0854	42
12F RF	D1	UDCon4	Combination	Min	-217.419	-46.288	-0.006773	3	15.615	12.0854	42
12F RF	D1	UDCon5	Combination	Max	195.757	147.841	0.012049	3	15.615	12.0854	42
12F RF	D1	UDCon5	Combination	Min	-184.074	-29.671	-0.00486	3	15.615	12.0854	42
12F RF	D1	UDCon6	Combination	Max	156.456	148.672	0.010108	3	15.615	12.0854	42
12F RF	D1	UDCon6	Combination	Min	-223.374	-28.84	-0.006801	3	15.615	12.0854	42
12F RF	D1	UDCon7	Combination	Max	190.247	164.912	0.012004	3	15.615	12.0854	42
12F RF	D1	UDCon7	Combination	Min	-208.121	-35.845	-0.0051	3	15.615	12.0854	42
12F RF	D1	UDCon8	Combination	Max	181.395	154.091	0.010316	3	15.615	12.0854	42
12F RF	D1	UDCon8	Combination	Min	-216.973	-46.665	-0.006789	3	15.615	12.0854	42
12F RF	D1	UDCon9	Combination	Max	196.203	147.463	0.012033	3	15.615	12.0854	42
12F RF	D1	UDCon9	Combination	Min	-183.628	-30.048	-0.004876	3	15.615	12.0854	42
12F RF	D1	UDCon10	Combination	Max	156.902	148.295	0.010092	3	15.615	12.0854	42
12F RF	D1	UDCon10	Combination	Min	-222.929	-29.217	-0.006817	3	15.615	12.0854	42
11F RF	D1	Dead	LinStatic		-5.967	20.93	0.000944	4	15.615	12.0854	38.5
11F RF	D1	Live	LinStatic		-1.314	1.131	4.7E-05	4	15.615	12.0854	38.5
11F RF	D1	FF	LinStatic		-3.117	16.758	0.000708	4	15.615	12.0854	38.5
11F RF	D1	PW	LinStatic		-2.118	15.693	0.000673	4	15.615	12.0854	38.5
11F RF	D1	Earthquake+x	LinStatic		171.15	20.06	-0.005394	4	15.615	12.0854	38.5
11F RF	D1	Earthquake+y	LinStatic		11.55	188.876	-0.004801	4	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Max	201.249	104.561	0.009372	4	15.615	12.0854	38.5
11F RF	D1	TH-X Load Case	LinModHist	Min	-192.975	-93.832	-0.007701	4	15.615	12.0854	38.5
11F RF	D1	TH-Y Load Case	LinModHist	Max	207.449	87.147	0.009418	4	15.615	12.0854	38.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
11F RF	D1	TH-Y Load Case	LinModHist	Min	-168.386	-88.205	-0.007473	4	15.615	12.0854	38.5
11F RF	D1	UDCon1	Combination		-15.123	72.065	0.003139	4	15.615	12.0854	38.5
11F RF	D1	UDCon2	Combination		-17.094	73.762	0.00321	4	15.615	12.0854	38.5
11F RF	D1	UDCon3	Combination	Max	189.653	158.281	0.011711	4	15.615	12.0854	38.5
11F RF	D1	UDCon3	Combination	Min	-204.571	-40.112	-0.005362	4	15.615	12.0854	38.5
11F RF	D1	UDCon4	Combination	Max	181.378	147.553	0.010041	4	15.615	12.0854	38.5
11F RF	D1	UDCon4	Combination	Min	-212.846	-50.84	-0.007033	4	15.615	12.0854	38.5
11F RF	D1	UDCon5	Combination	Max	195.853	140.868	0.011757	4	15.615	12.0854	38.5
11F RF	D1	UDCon5	Combination	Min	-179.982	-34.484	-0.005134	4	15.615	12.0854	38.5
11F RF	D1	UDCon6	Combination	Max	156.79	141.926	0.009812	4	15.615	12.0854	38.5
11F RF	D1	UDCon6	Combination	Min	-219.046	-33.426	-0.007079	4	15.615	12.0854	38.5
11F RF	D1	UDCon7	Combination	Max	190.047	157.942	0.011697	4	15.615	12.0854	38.5
11F RF	D1	UDCon7	Combination	Min	-204.177	-40.451	-0.005376	4	15.615	12.0854	38.5
11F RF	D1	UDCon8	Combination	Max	181.773	147.214	0.010026	4	15.615	12.0854	38.5
11F RF	D1	UDCon8	Combination	Min	-212.451	-51.179	-0.007047	4	15.615	12.0854	38.5
11F RF	D1	UDCon9	Combination	Max	196.247	140.529	0.011743	4	15.615	12.0854	38.5
11F RF	D1	UDCon9	Combination	Min	-179.588	-34.824	-0.005148	4	15.615	12.0854	38.5
11F RF	D1	UDCon10	Combination	Max	157.184	141.587	0.009798	4	15.615	12.0854	38.5
11F RF	D1	UDCon10	Combination	Min	-218.651	-33.766	-0.007093	4	15.615	12.0854	38.5
10F RF	D1	Dead	LinStatic		-4.978	18.679	0.000831	5	15.615	12.0854	35
10F RF	D1	Live	LinStatic		-1.148	1.007	4.1E-05	5	15.615	12.0854	35
10F RF	D1	FF	LinStatic		-2.518	14.957	0.000624	5	15.615	12.0854	35
10F RF	D1	PW	LinStatic		-1.645	14.01	0.000593	5	15.615	12.0854	35
10F RF	D1	Earthquake+x	LinStatic		168.706	19.622	-0.005346	5	15.615	12.0854	35
10F RF	D1	Earthquake+y	LinStatic		11.166	186.223	-0.004799	5	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Max	198.837	103.331	0.009347	5	15.615	12.0854	35
10F RF	D1	TH-X Load Case	LinModHist	Min	-191.142	-92.695	-0.007694	5	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Max	205.281	86.158	0.00941	5	15.615	12.0854	35
10F RF	D1	TH-Y Load Case	LinModHist	Min	-166.462	-87.236	-0.007461	5	15.615	12.0854	35
10F RF	D1	UDCon1	Combination		-12.34	64.322	0.002765	5	15.615	12.0854	35
10F RF	D1	UDCon2	Combination		-14.063	65.833	0.002827	5	15.615	12.0854	35
10F RF	D1	UDCon3	Combination	Max	189.351	151.279	0.011408	5	15.615	12.0854	35
10F RF	D1	UDCon3	Combination	Min	-200.627	-44.746	-0.005634	5	15.615	12.0854	35
10F RF	D1	UDCon4	Combination	Max	181.656	140.643	0.009755	5	15.615	12.0854	35
10F RF	D1	UDCon4	Combination	Min	-208.323	-55.383	-0.007287	5	15.615	12.0854	35
10F RF	D1	UDCon5	Combination	Max	195.796	134.107	0.01147	5	15.615	12.0854	35
10F RF	D1	UDCon5	Combination	Min	-175.948	-39.287	-0.005401	5	15.615	12.0854	35
10F RF	D1	UDCon6	Combination	Max	156.977	135.184	0.009521	5	15.615	12.0854	35
10F RF	D1	UDCon6	Combination	Min	-214.767	-38.21	-0.00735	5	15.615	12.0854	35
10F RF	D1	UDCon7	Combination	Max	189.696	150.977	0.011395	5	15.615	12.0854	35
10F RF	D1	UDCon7	Combination	Min	-200.283	-45.048	-0.005646	5	15.615	12.0854	35
10F RF	D1	UDCon8	Combination	Max	182.001	140.341	0.009742	5	15.615	12.0854	35
10F RF	D1	UDCon8	Combination	Min	-207.978	-55.685	-0.007299	5	15.615	12.0854	35
10F RF	D1	UDCon9	Combination	Max	196.14	133.805	0.011458	5	15.615	12.0854	35
10F RF	D1	UDCon9	Combination	Min	-175.603	-39.59	-0.005413	5	15.615	12.0854	35

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
10F RF	D1	UDCon10	Combination	Max	157.321	134.882	0.009509	5	15.615	12.0854	35
10F RF	D1	UDCon10	Combination	Min	-214.422	-38.512	-0.007362	5	15.615	12.0854	35
9F RF	D1	Dead	LinStatic		-4.047	16.443	0.000721	6	15.615	12.0854	31.5
9F RF	D1	Live	LinStatic		-0.988	0.884	3.5E-05	6	15.615	12.0854	31.5
9F RF	D1	FF	LinStatic		-1.959	13.166	0.000542	6	15.615	12.0854	31.5
9F RF	D1	PW	LinStatic		-1.206	12.334	0.000516	6	15.615	12.0854	31.5
9F RF	D1	Earthquake+x	LinStatic		166.231	19.187	-0.005298	6	15.615	12.0854	31.5
9F RF	D1	Earthquake+y	LinStatic		10.78	183.583	-0.004798	6	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Max	196.382	102.104	0.009323	6	15.615	12.0854	31.5
9F RF	D1	TH-X Load Case	LinModHist	Min	-189.263	-91.557	-0.007687	6	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Max	203.067	85.248	0.009401	6	15.615	12.0854	31.5
9F RF	D1	TH-Y Load Case	LinModHist	Min	-164.501	-86.265	-0.007449	6	15.615	12.0854	31.5
9F RF	D1	UDCon1	Combination		-9.737	56.622	0.002401	6	15.615	12.0854	31.5
9F RF	D1	UDCon2	Combination		-11.219	57.947	0.002454	6	15.615	12.0854	31.5
9F RF	D1	UDCon3	Combination	Max	188.874	144.311	0.011111	6	15.615	12.0854	31.5
9F RF	D1	UDCon3	Combination	Min	-196.772	-49.35	-0.005898	6	15.615	12.0854	31.5
9F RF	D1	UDCon4	Combination	Max	181.754	133.764	0.009475	6	15.615	12.0854	31.5
9F RF	D1	UDCon4	Combination	Min	-203.891	-59.897	-0.007534	6	15.615	12.0854	31.5
9F RF	D1	UDCon5	Combination	Max	195.558	127.455	0.01119	6	15.615	12.0854	31.5
9F RF	D1	UDCon5	Combination	Min	-172.01	-44.058	-0.00566	6	15.615	12.0854	31.5
9F RF	D1	UDCon6	Combination	Max	156.992	128.472	0.009238	6	15.615	12.0854	31.5
9F RF	D1	UDCon6	Combination	Min	-210.576	-43.041	-0.007612	6	15.615	12.0854	31.5
9F RF	D1	UDCon7	Combination	Max	189.17	144.046	0.011101	6	15.615	12.0854	31.5
9F RF	D1	UDCon7	Combination	Min	-196.475	-49.615	-0.005908	6	15.615	12.0854	31.5
9F RF	D1	UDCon8	Combination	Max	182.05	133.499	0.009465	6	15.615	12.0854	31.5
9F RF	D1	UDCon8	Combination	Min	-203.595	-60.162	-0.007544	6	15.615	12.0854	31.5
9F RF	D1	UDCon9	Combination	Max	195.854	127.19	0.01118	6	15.615	12.0854	31.5
9F RF	D1	UDCon9	Combination	Min	-171.713	-44.323	-0.00567	6	15.615	12.0854	31.5
9F RF	D1	UDCon10	Combination	Max	157.288	128.207	0.009227	6	15.615	12.0854	31.5
9F RF	D1	UDCon10	Combination	Min	-210.279	-43.306	-0.007623	6	15.615	12.0854	31.5
8F RF	D1	Dead	LinStatic		-3.186	14.23	0.000614	7	15.615	12.0854	28
8F RF	D1	Live	LinStatic		-0.835	0.763	3E-05	7	15.615	12.0854	28
8F RF	D1	FF	LinStatic		-1.449	11.392	0.000463	7	15.615	12.0854	28
8F RF	D1	PW	LinStatic		-0.812	10.673	0.000441	7	15.615	12.0854	28
8F RF	D1	Earthquake+x	LinStatic		163.742	18.758	-0.005252	7	15.615	12.0854	28
8F RF	D1	Earthquake+y	LinStatic		10.392	180.975	-0.004797	7	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Max	193.899	100.887	0.009298	7	15.615	12.0854	28
8F RF	D1	TH-X Load Case	LinModHist	Min	-187.345	-90.427	-0.007678	7	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Max	200.815	84.342	0.009392	7	15.615	12.0854	28
8F RF	D1	TH-Y Load Case	LinModHist	Min	-162.589	-85.3	-0.007436	7	15.615	12.0854	28
8F RF	D1	UDCon1	Combination		-7.353	48.999	0.002049	7	15.615	12.0854	28
8F RF	D1	UDCon2	Combination		-8.605	50.143	0.002093	7	15.615	12.0854	28
8F RF	D1	UDCon3	Combination	Max	188.202	137.411	0.010824	7	15.615	12.0854	28
8F RF	D1	UDCon3	Combination	Min	-193.042	-53.903	-0.006152	7	15.615	12.0854	28
8F RF	D1	UDCon4	Combination	Max	181.648	126.951	0.009205	7	15.615	12.0854	28

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
8F RF	D1	UDCon4	Combination	Min	-199.596	-64.363	-0.007771	7	15.615	12.0854	28
8F RF	D1	UDCon5	Combination	Max	195.118	120.866	0.010918	7	15.615	12.0854	28
8F RF	D1	UDCon5	Combination	Min	-168.285	-48.776	-0.005909	7	15.615	12.0854	28
8F RF	D1	UDCon6	Combination	Max	156.892	121.824	0.008962	7	15.615	12.0854	28
8F RF	D1	UDCon6	Combination	Min	-206.512	-47.817	-0.007865	7	15.615	12.0854	28
8F RF	D1	UDCon7	Combination	Max	188.452	137.182	0.010815	7	15.615	12.0854	28
8F RF	D1	UDCon7	Combination	Min	-192.791	-54.132	-0.006161	7	15.615	12.0854	28
8F RF	D1	UDCon8	Combination	Max	181.898	126.723	0.009196	7	15.615	12.0854	28
8F RF	D1	UDCon8	Combination	Min	-199.345	-64.592	-0.00778	7	15.615	12.0854	28
8F RF	D1	UDCon9	Combination	Max	195.369	120.637	0.010909	7	15.615	12.0854	28
8F RF	D1	UDCon9	Combination	Min	-168.035	-49.005	-0.005918	7	15.615	12.0854	28
8F RF	D1	UDCon10	Combination	Max	157.142	121.595	0.008953	7	15.615	12.0854	28
8F RF	D1	UDCon10	Combination	Min	-206.261	-48.046	-0.007874	7	15.615	12.0854	28
7F RF	D1	Dead	LinStatic		-2.407	12.058	0.000512	8	15.615	12.0854	24.5
7F RF	D1	Live	LinStatic		-0.69	0.644	2.4E-05	8	15.615	12.0854	24.5
7F RF	D1	FF	LinStatic		-0.996	9.649	0.000387	8	15.615	12.0854	24.5
7F RF	D1	PW	LinStatic		-0.468	9.039	0.000369	8	15.615	12.0854	24.5
7F RF	D1	Earthquake+x	LinStatic		161.257	18.338	-0.005207	8	15.615	12.0854	24.5
7F RF	D1	Earthquake+y	LinStatic		10.004	178.407	-0.004797	8	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Max	191.403	99.682	0.009273	8	15.615	12.0854	24.5
7F RF	D1	TH-X Load Case	LinModHist	Min	-185.397	-89.306	-0.007669	8	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Max	198.538	83.437	0.009381	8	15.615	12.0854	24.5
7F RF	D1	TH-Y Load Case	LinModHist	Min	-160.697	-84.339	-0.007422	8	15.615	12.0854	24.5
7F RF	D1	UDCon1	Combination		-5.226	41.509	0.001711	8	15.615	12.0854	24.5
7F RF	D1	UDCon2	Combination		-6.261	42.475	0.001748	8	15.615	12.0854	24.5
7F RF	D1	UDCon3	Combination	Max	187.324	130.622	0.010548	8	15.615	12.0854	24.5
7F RF	D1	UDCon3	Combination	Min	-189.476	-58.365	-0.006395	8	15.615	12.0854	24.5
7F RF	D1	UDCon4	Combination	Max	181.319	120.246	0.008944	8	15.615	12.0854	24.5
7F RF	D1	UDCon4	Combination	Min	-195.481	-68.742	-0.007998	8	15.615	12.0854	24.5
7F RF	D1	UDCon5	Combination	Max	194.46	114.378	0.010656	8	15.615	12.0854	24.5
7F RF	D1	UDCon5	Combination	Min	-164.775	-53.399	-0.006148	8	15.615	12.0854	24.5
7F RF	D1	UDCon6	Combination	Max	156.619	115.28	0.008697	8	15.615	12.0854	24.5
7F RF	D1	UDCon6	Combination	Min	-202.616	-52.497	-0.008106	8	15.615	12.0854	24.5
7F RF	D1	UDCon7	Combination	Max	187.532	130.429	0.010541	8	15.615	12.0854	24.5
7F RF	D1	UDCon7	Combination	Min	-189.269	-58.558	-0.006402	8	15.615	12.0854	24.5
7F RF	D1	UDCon8	Combination	Max	181.526	120.053	0.008937	8	15.615	12.0854	24.5
7F RF	D1	UDCon8	Combination	Min	-195.274	-68.935	-0.008006	8	15.615	12.0854	24.5
7F RF	D1	UDCon9	Combination	Max	194.667	114.184	0.010649	8	15.615	12.0854	24.5
7F RF	D1	UDCon9	Combination	Min	-164.568	-53.592	-0.006155	8	15.615	12.0854	24.5
7F RF	D1	UDCon10	Combination	Max	156.826	115.086	0.00869	8	15.615	12.0854	24.5
7F RF	D1	UDCon10	Combination	Min	-202.409	-52.69	-0.008114	8	15.615	12.0854	24.5
6F RF	D1	Dead	LinStatic		-1.72	9.943	0.000416	9	15.615	12.0854	21
6F RF	D1	Live	LinStatic		-0.555	0.53	1.9E-05	9	15.615	12.0854	21
6F RF	D1	FF	LinStatic		-0.607	7.95	0.000314	9	15.615	12.0854	21
6F RF	D1	PW	LinStatic		-0.182	7.446	0.0003	9	15.615	12.0854	21

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
6F RF	D1	Earthquake+x	LinStatic		158.8	17.926	-0.005165	9	15.615	12.0854	21
6F RF	D1	Earthquake+y	LinStatic		9.613	175.911	-0.004797	9	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Max	188.915	98.505	0.009249	9	15.615	12.0854	21
6F RF	D1	TH-X Load Case	LinModHist	Min	-183.464	-88.208	-0.00766	9	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Max	196.255	82.55	0.00937	9	15.615	12.0854	21
6F RF	D1	TH-Y Load Case	LinModHist	Min	-158.801	-83.398	-0.007409	9	15.615	12.0854	21
6F RF	D1	UDCon1	Combination		-3.388	34.206	0.001391	9	15.615	12.0854	21
6F RF	D1	UDCon2	Combination		-4.22	35.001	0.00142	9	15.615	12.0854	21
6F RF	D1	UDCon3	Combination	Max	186.239	124.002	0.010285	9	15.615	12.0854	21
6F RF	D1	UDCon3	Combination	Min	-186.14	-62.711	-0.006624	9	15.615	12.0854	21
6F RF	D1	UDCon4	Combination	Max	180.788	113.705	0.008696	9	15.615	12.0854	21
6F RF	D1	UDCon4	Combination	Min	-191.591	-73.008	-0.008213	9	15.615	12.0854	21
6F RF	D1	UDCon5	Combination	Max	193.579	108.047	0.010406	9	15.615	12.0854	21
6F RF	D1	UDCon5	Combination	Min	-161.477	-57.901	-0.006373	9	15.615	12.0854	21
6F RF	D1	UDCon6	Combination	Max	156.125	108.895	0.008445	9	15.615	12.0854	21
6F RF	D1	UDCon6	Combination	Min	-198.93	-57.053	-0.008334	9	15.615	12.0854	21
6F RF	D1	UDCon7	Combination	Max	186.406	123.843	0.010279	9	15.615	12.0854	21
6F RF	D1	UDCon7	Combination	Min	-185.973	-62.869	-0.00663	9	15.615	12.0854	21
6F RF	D1	UDCon8	Combination	Max	180.955	113.546	0.00869	9	15.615	12.0854	21
6F RF	D1	UDCon8	Combination	Min	-191.424	-73.167	-0.008219	9	15.615	12.0854	21
6F RF	D1	UDCon9	Combination	Max	193.745	107.888	0.0104	9	15.615	12.0854	21
6F RF	D1	UDCon9	Combination	Min	-161.31	-58.06	-0.006379	9	15.615	12.0854	21
6F RF	D1	UDCon10	Combination	Max	156.292	108.736	0.008439	9	15.615	12.0854	21
6F RF	D1	UDCon10	Combination	Min	-198.764	-57.212	-0.00834	9	15.615	12.0854	21
5F RF	D1	Dead	LinStatic		-1.133	7.922	0.000326	10	15.615	12.0854	17.5
5F RF	D1	Live	LinStatic		-0.429	0.42	1.5E-05	10	15.615	12.0854	17.5
5F RF	D1	FF	LinStatic		-0.288	6.326	0.000247	10	15.615	12.0854	17.5
5F RF	D1	PW	LinStatic		0.041	5.922	0.000236	10	15.615	12.0854	17.5
5F RF	D1	Earthquake+x	LinStatic		156.397	17.535	-0.005125	10	15.615	12.0854	17.5
5F RF	D1	Earthquake+y	LinStatic		9.228	173.474	-0.004797	10	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Max	186.46	97.344	0.009225	10	15.615	12.0854	17.5
5F RF	D1	TH-X Load Case	LinModHist	Min	-181.603	-87.12	-0.00765	10	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Max	193.984	81.662	0.009357	10	15.615	12.0854	17.5
5F RF	D1	TH-Y Load Case	LinModHist	Min	-156.918	-82.46	-0.007395	10	15.615	12.0854	17.5
5F RF	D1	UDCon1	Combination		-1.863	27.229	0.001091	10	15.615	12.0854	17.5
5F RF	D1	UDCon2	Combination		-2.506	27.86	0.001113	10	15.615	12.0854	17.5
5F RF	D1	UDCon3	Combination	Max	184.952	117.64	0.010038	10	15.615	12.0854	17.5
5F RF	D1	UDCon3	Combination	Min	-183.112	-66.824	-0.006837	10	15.615	12.0854	17.5
5F RF	D1	UDCon4	Combination	Max	180.094	107.416	0.008463	10	15.615	12.0854	17.5
5F RF	D1	UDCon4	Combination	Min	-187.969	-77.048	-0.008412	10	15.615	12.0854	17.5
5F RF	D1	UDCon5	Combination	Max	192.475	101.958	0.01017	10	15.615	12.0854	17.5
5F RF	D1	UDCon5	Combination	Min	-158.427	-62.164	-0.006582	10	15.615	12.0854	17.5
5F RF	D1	UDCon6	Combination	Max	155.409	102.756	0.008208	10	15.615	12.0854	17.5
5F RF	D1	UDCon6	Combination	Min	-195.493	-61.366	-0.008545	10	15.615	12.0854	17.5
5F RF	D1	UDCon7	Combination	Max	185.08	117.514	0.010033	10	15.615	12.0854	17.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
5F RF	D1	UDCon7	Combination	Min	-182.983	-66.95	-0.006842	10	15.615	12.0854	17.5
5F RF	D1	UDCon8	Combination	Max	180.223	107.29	0.008458	10	15.615	12.0854	17.5
5F RF	D1	UDCon8	Combination	Min	-187.841	-77.174	-0.008417	10	15.615	12.0854	17.5
5F RF	D1	UDCon9	Combination	Max	192.604	101.832	0.010166	10	15.615	12.0854	17.5
5F RF	D1	UDCon9	Combination	Min	-158.298	-62.29	-0.006587	10	15.615	12.0854	17.5
5F RF	D1	UDCon10	Combination	Max	155.538	102.63	0.008203	10	15.615	12.0854	17.5
5F RF	D1	UDCon10	Combination	Min	-195.364	-61.492	-0.008549	10	15.615	12.0854	17.5
4F RF	D1	Dead	LinStatic		-0.642	6.017	0.000243	11	15.615	12.0854	14
4F RF	D1	Live	LinStatic		-0.313	0.318	1.1E-05	11	15.615	12.0854	14
4F RF	D1	FF	LinStatic		-0.035	4.794	0.000185	11	15.615	12.0854	14
4F RF	D1	PW	LinStatic		0.207	4.484	0.000177	11	15.615	12.0854	14
4F RF	D1	Earthquake+x	LinStatic		154.082	17.156	-0.005088	11	15.615	12.0854	14
4F RF	D1	Earthquake+y	LinStatic		8.845	171.168	-0.004798	11	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Max	184.073	96.24	0.009202	11	15.615	12.0854	14
4F RF	D1	TH-X Load Case	LinModHist	Min	-179.758	-86.085	-0.00764	11	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Max	191.759	80.817	0.009345	11	15.615	12.0854	14
4F RF	D1	TH-Y Load Case	LinModHist	Min	-155.075	-81.568	-0.007381	11	15.615	12.0854	14
4F RF	D1	UDCon1	Combination		-0.635	20.647	0.000817	11	15.615	12.0854	14
4F RF	D1	UDCon2	Combination		-1.105	21.124	0.000833	11	15.615	12.0854	14
4F RF	D1	UDCon3	Combination	Max	183.509	111.63	0.00981	11	15.615	12.0854	14
4F RF	D1	UDCon3	Combination	Min	-180.322	-70.695	-0.007032	11	15.615	12.0854	14
4F RF	D1	UDCon4	Combination	Max	179.194	101.475	0.008248	11	15.615	12.0854	14
4F RF	D1	UDCon4	Combination	Min	-184.637	-80.851	-0.008594	11	15.615	12.0854	14
4F RF	D1	UDCon5	Combination	Max	191.194	96.207	0.009953	11	15.615	12.0854	14
4F RF	D1	UDCon5	Combination	Min	-155.639	-66.178	-0.006773	11	15.615	12.0854	14
4F RF	D1	UDCon6	Combination	Max	154.511	96.958	0.007989	11	15.615	12.0854	14
4F RF	D1	UDCon6	Combination	Min	-192.323	-65.428	-0.008737	11	15.615	12.0854	14
4F RF	D1	UDCon7	Combination	Max	183.602	111.535	0.009807	11	15.615	12.0854	14
4F RF	D1	UDCon7	Combination	Min	-180.229	-70.791	-0.007035	11	15.615	12.0854	14
4F RF	D1	UDCon8	Combination	Max	179.288	101.379	0.008245	11	15.615	12.0854	14
4F RF	D1	UDCon8	Combination	Min	-184.543	-80.946	-0.008597	11	15.615	12.0854	14
4F RF	D1	UDCon9	Combination	Max	191.288	96.112	0.00995	11	15.615	12.0854	14
4F RF	D1	UDCon9	Combination	Min	-155.545	-66.274	-0.006776	11	15.615	12.0854	14
4F RF	D1	UDCon10	Combination	Max	154.604	96.862	0.007986	11	15.615	12.0854	14
4F RF	D1	UDCon10	Combination	Min	-192.229	-65.523	-0.00874	11	15.615	12.0854	14
3F RF	D1	Dead	LinStatic		-0.216	4.287	0.000172	12	15.615	12.0854	10.5
3F RF	D1	Live	LinStatic		-0.206	0.224	7E-06	12	15.615	12.0854	10.5
3F RF	D1	FF	LinStatic		0.177	3.404	0.000132	12	15.615	12.0854	10.5
3F RF	D1	PW	LinStatic		0.339	3.18	0.000126	12	15.615	12.0854	10.5
3F RF	D1	Earthquake+x	LinStatic		151.882	16.818	-0.005054	12	15.615	12.0854	10.5
3F RF	D1	Earthquake+y	LinStatic		8.496	168.865	-0.004801	12	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Max	181.778	95.115	0.00918	12	15.615	12.0854	10.5
3F RF	D1	TH-X Load Case	LinModHist	Min	-177.946	-85.025	-0.007629	12	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Max	189.6	79.923	0.009331	12	15.615	12.0854	10.5
3F RF	D1	TH-Y Load Case	LinModHist	Min	-153.288	-80.637	-0.007367	12	15.615	12.0854	10.5

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
3F RF	D1	UDCon1	Combination		0.405	14.676	0.000581	12	15.615	12.0854	10.5
3F RF	D1	UDCon2	Combination		0.095	15.013	0.000592	12	15.615	12.0854	10.5
3F RF	D1	UDCon3	Combination	Max	182.016	106.053	0.009612	12	15.615	12.0854	10.5
3F RF	D1	UDCon3	Combination	Min	-177.708	-74.086	-0.007196	12	15.615	12.0854	10.5
3F RF	D1	UDCon4	Combination	Max	178.184	95.963	0.008062	12	15.615	12.0854	10.5
3F RF	D1	UDCon4	Combination	Min	-181.54	-84.176	-0.008747	12	15.615	12.0854	10.5
3F RF	D1	UDCon5	Combination	Max	189.838	90.862	0.009764	12	15.615	12.0854	10.5
3F RF	D1	UDCon5	Combination	Min	-153.05	-69.699	-0.006934	12	15.615	12.0854	10.5
3F RF	D1	UDCon6	Combination	Max	153.526	91.576	0.007799	12	15.615	12.0854	10.5
3F RF	D1	UDCon6	Combination	Min	-189.362	-68.985	-0.008899	12	15.615	12.0854	10.5
3F RF	D1	UDCon7	Combination	Max	182.078	105.986	0.00961	12	15.615	12.0854	10.5
3F RF	D1	UDCon7	Combination	Min	-177.646	-74.153	-0.007199	12	15.615	12.0854	10.5
3F RF	D1	UDCon8	Combination	Max	178.246	95.896	0.00806	12	15.615	12.0854	10.5
3F RF	D1	UDCon8	Combination	Min	-181.478	-84.243	-0.008749	12	15.615	12.0854	10.5
3F RF	D1	UDCon9	Combination	Max	189.9	90.795	0.009762	12	15.615	12.0854	10.5
3F RF	D1	UDCon9	Combination	Min	-152.988	-69.766	-0.006936	12	15.615	12.0854	10.5
3F RF	D1	UDCon10	Combination	Max	153.588	91.509	0.007797	12	15.615	12.0854	10.5
3F RF	D1	UDCon10	Combination	Min	-189.3	-69.052	-0.008901	12	15.615	12.0854	10.5
2F RF	D1	Dead	LinStatic		0.24	2.617	0.000118	13	16.3662	12.0162	7
2F RF	D1	Live	LinStatic		-0.104	0.132	5E-06	13	16.3662	12.0162	7
2F RF	D1	FF	LinStatic		0.427	2.057	9.1E-05	13	16.3662	12.0162	7
2F RF	D1	PW	LinStatic		0.511	1.918	8.8E-05	13	16.3662	12.0162	7
2F RF	D1	Earthquake+x	LinStatic		149.507	12.725	-0.005029	13	16.3662	12.0162	7
2F RF	D1	Earthquake+y	LinStatic		7.84	163.182	-0.004803	13	16.3662	12.0162	7
2F RF	D1	TH-X Load Case	LinModHist	Max	179.601	92.855	0.009161	13	16.3662	12.0162	7
2F RF	D1	TH-X Load Case	LinModHist	Min	-176.311	-84.035	-0.007619	13	16.3662	12.0162	7
2F RF	D1	TH-Y Load Case	LinModHist	Max	187.352	80.813	0.009318	13	16.3662	12.0162	7
2F RF	D1	TH-Y Load Case	LinModHist	Min	-151.625	-80.571	-0.007354	13	16.3662	12.0162	7
2F RF	D1	UDCon1	Combination		1.592	8.9	0.0004	13	16.3662	12.0162	7
2F RF	D1	UDCon2	Combination		1.436	9.098	0.000407	13	16.3662	12.0162	7
2F RF	D1	UDCon3	Combination	Max	180.748	99.487	0.009458	13	16.3662	12.0162	7
2F RF	D1	UDCon3	Combination	Min	-175.163	-77.403	-0.007321	13	16.3662	12.0162	7
2F RF	D1	UDCon4	Combination	Max	177.459	90.667	0.007916	13	16.3662	12.0162	7
2F RF	D1	UDCon4	Combination	Min	-178.453	-86.222	-0.008863	13	16.3662	12.0162	7
2F RF	D1	UDCon5	Combination	Max	188.5	87.445	0.009616	13	16.3662	12.0162	7
2F RF	D1	UDCon5	Combination	Min	-150.477	-73.939	-0.007057	13	16.3662	12.0162	7
2F RF	D1	UDCon6	Combination	Max	152.773	87.203	0.007652	13	16.3662	12.0162	7
2F RF	D1	UDCon6	Combination	Min	-186.204	-74.18	-0.009021	13	16.3662	12.0162	7
2F RF	D1	UDCon7	Combination	Max	180.78	99.447	0.009457	13	16.3662	12.0162	7
2F RF	D1	UDCon7	Combination	Min	-175.132	-77.442	-0.007323	13	16.3662	12.0162	7
2F RF	D1	UDCon8	Combination	Max	177.49	90.628	0.007915	13	16.3662	12.0162	7
2F RF	D1	UDCon8	Combination	Min	-178.422	-86.262	-0.008864	13	16.3662	12.0162	7
2F RF	D1	UDCon9	Combination	Max	188.531	87.405	0.009614	13	16.3662	12.0162	7
2F RF	D1	UDCon9	Combination	Min	-150.446	-73.978	-0.007058	13	16.3662	12.0162	7
2F RF	D1	UDCon10	Combination	Max	152.804	87.164	0.00765	13	16.3662	12.0162	7

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
2F RF	D1	UDCon10	Combination	Min	-186.173	-74.22	-0.009022	13	16.3662	12.0162	7
1F RF	D1	Dead	LinStatic		0.733	0.838	9.9E-05	14	15.7572	12.0256	3.5
1F RF	D1	Live	LinStatic		-0.004	0.028	4E-06	14	15.7572	12.0256	3.5
1F RF	D1	FF	LinStatic		0.718	0.64	7.9E-05	14	15.7572	12.0256	3.5
1F RF	D1	PW	LinStatic		0.727	0.593	7.6E-05	14	15.7572	12.0256	3.5
1F RF	D1	Earthquake+x	LinStatic		147.492	15.694	-0.005016	14	15.7572	12.0256	3.5
1F RF	D1	Earthquake+y	LinStatic		7.715	163.259	-0.004803	14	15.7572	12.0256	3.5
1F RF	D1	TH-X Load Case	LinModHist	Max	177.334	92.392	0.009136	14	15.7572	12.0256	3.5
1F RF	D1	TH-X Load Case	LinModHist	Min	-174.36	-82.725	-0.0076	14	15.7572	12.0256	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Max	185.191	78.134	0.009297	14	15.7572	12.0256	3.5
1F RF	D1	TH-Y Load Case	LinModHist	Min	-149.796	-78.66	-0.007336	14	15.7572	12.0256	3.5
1F RF	D1	UDCon1	Combination		2.941	2.796	0.000342	14	15.7572	12.0256	3.5
1F RF	D1	UDCon2	Combination		2.935	2.837	0.000348	14	15.7572	12.0256	3.5
1F RF	D1	UDCon3	Combination	Max	179.511	94.471	0.009391	14	15.7572	12.0256	3.5
1F RF	D1	UDCon3	Combination	Min	-172.183	-80.645	-0.007346	14	15.7572	12.0256	3.5
1F RF	D1	UDCon4	Combination	Max	176.537	84.804	0.007855	14	15.7572	12.0256	3.5
1F RF	D1	UDCon4	Combination	Min	-175.157	-90.313	-0.008881	14	15.7572	12.0256	3.5
1F RF	D1	UDCon5	Combination	Max	187.368	80.213	0.009551	14	15.7572	12.0256	3.5
1F RF	D1	UDCon5	Combination	Min	-147.618	-76.58	-0.007082	14	15.7572	12.0256	3.5
1F RF	D1	UDCon6	Combination	Max	151.973	80.739	0.007591	14	15.7572	12.0256	3.5
1F RF	D1	UDCon6	Combination	Min	-183.014	-76.055	-0.009042	14	15.7572	12.0256	3.5
1F RF	D1	UDCon7	Combination	Max	179.513	94.463	0.00939	14	15.7572	12.0256	3.5
1F RF	D1	UDCon7	Combination	Min	-172.181	-80.654	-0.007347	14	15.7572	12.0256	3.5
1F RF	D1	UDCon8	Combination	Max	176.538	84.795	0.007854	14	15.7572	12.0256	3.5
1F RF	D1	UDCon8	Combination	Min	-175.155	-90.321	-0.008883	14	15.7572	12.0256	3.5
1F RF	D1	UDCon9	Combination	Max	187.369	80.205	0.00955	14	15.7572	12.0256	3.5
1F RF	D1	UDCon9	Combination	Min	-147.617	-76.589	-0.007083	14	15.7572	12.0256	3.5
1F RF	D1	UDCon10	Combination	Max	151.974	80.73	0.00759	14	15.7572	12.0256	3.5
1F RF	D1	UDCon10	Combination	Min	-183.012	-76.063	-0.009043	14	15.7572	12.0256	3.5
Base	D1	Dead	LinStatic		1.836	3.418	-2.8E-05	15	20.0769	9.39	0
Base	D1	Live	LinStatic		0.154	0.167	-1.9E-05	15	20.0769	9.39	0
Base	D1	FF	LinStatic		1.344	3.075	1.4E-05	15	20.0769	9.39	0
Base	D1	PW	LinStatic		1.234	3.014	2.9E-05	15	20.0769	9.39	0
Base	D1	Earthquake+x	LinStatic		118.971	-2.848	-0.000947	15	20.0769	9.39	0
Base	D1	Earthquake+y	LinStatic		-3.613	128.377	-0.004831	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Max	156.618	79.161	0.010526	15	20.0769	9.39	0
Base	D1	TH-X Load Case	LinModHist	Min	-158.304	-74.947	-0.009578	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Max	158.009	80.433	0.010439	15	20.0769	9.39	0
Base	D1	TH-Y Load Case	LinModHist	Min	-137.714	-74.597	-0.009119	15	20.0769	9.39	0
Base	D1	UDCon1	Combination		5.958	12.833	1.9E-05	15	20.0769	9.39	0
Base	D1	UDCon2	Combination		6.189	13.084	-1E-05	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Max	161.078	88.717	0.010534	15	20.0769	9.39	0
Base	D1	UDCon3	Combination	Min	-153.845	-65.391	-0.009569	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Max	162.764	84.503	0.009586	15	20.0769	9.39	0
Base	D1	UDCon4	Combination	Min	-152.158	-69.605	-0.010517	15	20.0769	9.39	0

Table 3.3 - Diaphragm Center Of Mass Displacements (continued)

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad	Point	X m	Y m	Z m
Base	D1	UDCon5	Combination	Max	162.469	89.989	0.010447	15	20.0769	9.39	0
Base	D1	UDCon5	Combination	Min	-133.254	-65.041	-0.00911	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Max	142.174	84.153	0.009127	15	20.0769	9.39	0
Base	D1	UDCon6	Combination	Min	-153.549	-70.877	-0.01043	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Max	161.031	88.667	0.01054	15	20.0769	9.39	0
Base	D1	UDCon7	Combination	Min	-153.891	-65.441	-0.009563	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Max	162.718	84.453	0.009592	15	20.0769	9.39	0
Base	D1	UDCon8	Combination	Min	-152.204	-69.655	-0.010511	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Max	162.423	89.939	0.010453	15	20.0769	9.39	0
Base	D1	UDCon9	Combination	Min	-133.3	-65.091	-0.009104	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Max	142.127	84.103	0.009133	15	20.0769	9.39	0
Base	D1	UDCon10	Combination	Min	-153.596	-70.927	-0.010425	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	0.000568	0.000314	1.807	6	20.5	19.6	49
14	Dead	LinStatic		Diaph D1 Y	0.001022	0.000627	1.63	45	26.8	14.8	49
14	Live	LinStatic		Diaph D1 X	6.5E-05	5.1E-05	1.286	32	11.4	19.6	49
14	Live	LinStatic		Diaph D1 Y	5.7E-05	3.5E-05	1.629	45	26.8	14.8	49
14	FF	LinStatic		Diaph D1 X	0.000379	0.000193	1.969	6	20.5	19.6	49
14	FF	LinStatic		Diaph D1 Y	0.000793	0.0005	1.585	45	26.8	14.8	49
14	PW	LinStatic		Diaph D1 X	0.00033	0.000154	2.14	6	20.5	19.6	49
14	PW	LinStatic		Diaph D1 Y	0.000743	0.000467	1.591	45	26.8	14.8	49
14	Earthquake+x	LinStatic		Diaph D1 X	0.000764	0.000657	1.163	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Diaph D1 Y	0.000294	0.000132	2.229	33	3.75	19.6	49
14	Earthquake+y	LinStatic		Diaph D1 X	0.000118	0.000108	1.094	33	3.75	19.6	49
14	Earthquake+y	LinStatic		Diaph D1 Y	0.000768	0.000749	1.025	38	3.75	14.8	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000737	0.000643	1.146	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000359	0.000353	1.018	43	26.8	5	49
14	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000699	0.000619	1.129	6	20.5	19.6	49

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000398	0.00037	1.073	38	3.75	14.8	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000752	0.000652	1.153	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000398	0.000358	1.111	43	26.8	5	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000578	0.00051	1.132	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000376	0.000368	1.021	43	26.8	5	49
14	UDCon1	Combination		Diaph D1 X	0.001724	0.000892	1.932	6	20.5	19.6	49
14	UDCon1	Combination		Diaph D1 Y	0.003454	0.002153	1.604	45	26.8	14.8	49
14	UDCon2	Combination		Diaph D1 X	0.001822	0.000969	1.881	6	20.5	19.6	49
14	UDCon2	Combination		Diaph D1 Y	0.00354	0.002206	1.605	45	26.8	14.8	49
14	UDCon3	Combination	Max	Diaph D1 Y	0.002934	0.001958	1.499	45	26.8	14.8	49
14	UDCon3	Combination	Min	Diaph D1 X	0.001995	0.001298	1.537	6	20.5	19.6	49
14	UDCon3	Combination	Min	Diaph D1 Y	0.002227	0.001233	1.807	45	26.8	14.8	49
14	UDCon4	Combination	Max	Diaph D1 Y	0.002923	0.001977	1.479	45	26.8	14.8	49
14	UDCon4	Combination	Min	Diaph D1 X	0.002033	0.001322	1.538	6	20.5	19.6	49
14	UDCon4	Combination	Min	Diaph D1 Y	0.002217	0.001251	1.771	45	26.8	14.8	49
14	UDCon5	Combination	Max	Diaph D1 Y	0.002973	0.001964	1.514	45	26.8	14.8	49
14	UDCon5	Combination	Min	Diaph D1 X	0.001874	0.001189	1.576	6	20.5	19.6	49
14	UDCon5	Combination	Min	Diaph D1 Y	0.002201	0.001236	1.78	45	26.8	14.8	49
14	UDCon6	Combination	Max	Diaph D1 Y	0.00295	0.001973	1.495	45	26.8	14.8	49
14	UDCon6	Combination	Min	Diaph D1 X	0.002048	0.001331	1.538	6	20.5	19.6	49
14	UDCon6	Combination	Min	Diaph D1 Y	0.002178	0.001246	1.748	45	26.8	14.8	49
14	UDCon7	Combination	Max	Diaph D1 Y	0.002917	0.001947	1.498	45	26.8	14.8	49

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
14	UDCon7	Combination	Min	Diaph D1 X	0.001976	0.001283	1.54	6	20.5	19.6	49
14	UDCon7	Combination	Min	Diaph D1 Y	0.00221	0.001222	1.809	45	26.8	14.8	49
14	UDCon8	Combination	Max	Diaph D1 Y	0.002906	0.001966	1.478	45	26.8	14.8	49
14	UDCon8	Combination	Min	Diaph D1 X	0.002014	0.001307	1.541	6	20.5	19.6	49
14	UDCon8	Combination	Min	Diaph D1 Y	0.0022	0.001241	1.773	45	26.8	14.8	49
14	UDCon9	Combination	Max	Diaph D1 Y	0.002956	0.001953	1.514	45	26.8	14.8	49
14	UDCon9	Combination	Min	Diaph D1 X	0.001855	0.001174	1.58	6	20.5	19.6	49
14	UDCon9	Combination	Min	Diaph D1 Y	0.002183	0.001226	1.781	45	26.8	14.8	49
14	UDCon10	Combination	Max	Diaph D1 Y	0.002933	0.001962	1.495	45	26.8	14.8	49
14	UDCon10	Combination	Min	Diaph D1 X	0.002028	0.001316	1.541	6	20.5	19.6	49
14	UDCon10	Combination	Min	Diaph D1 Y	0.00216	0.001235	1.749	45	26.8	14.8	49
13	Dead	LinStatic		Diaph D1 X	0.00056	0.000311	1.8	32	11.4	19.6	45.5
13	Dead	LinStatic		Diaph D1 Y	0.001022	0.000631	1.619	45	26.8	14.8	45.5
13	Live	LinStatic		Diaph D1 X	6.4E-05	5E-05	1.278	32	11.4	19.6	45.5
13	Live	LinStatic		Diaph D1 Y	5.7E-05	3.5E-05	1.616	45	26.8	14.8	45.5
13	FF	LinStatic		Diaph D1 X	0.000374	0.00019	1.966	6	20.5	19.6	45.5
13	FF	LinStatic		Diaph D1 Y	0.000794	0.000504	1.575	45	26.8	14.8	45.5
13	PW	LinStatic		Diaph D1 X	0.000326	0.000152	2.138	6	20.5	19.6	45.5
13	PW	LinStatic		Diaph D1 Y	0.000744	0.00047	1.581	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		Diaph D1 X	0.00078	0.000673	1.159	6	20.5	19.6	45.5
13	Earthquake+x	LinStatic		Diaph D1 Y	0.000294	0.000132	2.228	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		Diaph D1 X	0.000118	0.00011	1.076	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		Diaph D1 Y	0.000771	0.000754	1.023	38	3.75	14.8	45.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
13	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000753	0.00066	1.141	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000363	0.000355	1.021	43	26.8	5	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000713	0.000635	1.124	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000398	0.000373	1.07	38	3.75	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000768	0.000669	1.148	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000402	0.000361	1.115	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000591	0.000524	1.127	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00038	0.00037	1.025	43	26.8	5	45.5
13	UDCon1	Combination		Diaph D1 X	0.001701	0.000883	1.927	32	11.4	19.6	45.5
13	UDCon1	Combination		Diaph D1 Y	0.003455	0.002167	1.594	45	26.8	14.8	45.5
13	UDCon2	Combination		Diaph D1 X	0.001798	0.000958	1.876	32	11.4	19.6	45.5
13	UDCon2	Combination		Diaph D1 Y	0.00354	0.00222	1.594	45	26.8	14.8	45.5
13	UDCon3	Combination	Max	Diaph D1 Y	0.002938	0.001972	1.49	45	26.8	14.8	45.5
13	UDCon3	Combination	Min	Diaph D1 X	0.001992	0.001307	1.525	6	20.5	19.6	45.5
13	UDCon3	Combination	Min	Diaph D1 Y	0.002224	0.001241	1.792	45	26.8	14.8	45.5
13	UDCon4	Combination	Max	Diaph D1 Y	0.002928	0.001991	1.471	45	26.8	14.8	45.5
13	UDCon4	Combination	Min	Diaph D1 X	0.002032	0.001331	1.526	6	20.5	19.6	45.5
13	UDCon4	Combination	Min	Diaph D1 Y	0.002214	0.00126	1.757	45	26.8	14.8	45.5
13	UDCon5	Combination	Max	Diaph D1 Y	0.002978	0.001978	1.506	45	26.8	14.8	45.5
13	UDCon5	Combination	Min	Diaph D1 X	0.00187	0.001195	1.564	6	20.5	19.6	45.5
13	UDCon5	Combination	Min	Diaph D1 Y	0.002197	0.001245	1.765	45	26.8	14.8	45.5
13	UDCon6	Combination	Max	Diaph D1 Y	0.002955	0.001987	1.487	45	26.8	14.8	45.5
13	UDCon6	Combination	Min	Diaph D1 X	0.002047	0.00134	1.527	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	UDCon6	Combination	Min	Diaph D1 Y	0.002174	0.001254	1.733	45	26.8	14.8	45.5
13	UDCon7	Combination	Max	Diaph D1 Y	0.002921	0.001962	1.489	45	26.8	14.8	45.5
13	UDCon7	Combination	Min	Diaph D1 X	0.001973	0.001291	1.528	6	20.5	19.6	45.5
13	UDCon7	Combination	Min	Diaph D1 Y	0.002207	0.001231	1.794	45	26.8	14.8	45.5
13	UDCon8	Combination	Max	Diaph D1 Y	0.002911	0.00198	1.47	45	26.8	14.8	45.5
13	UDCon8	Combination	Min	Diaph D1 X	0.002013	0.001316	1.529	6	20.5	19.6	45.5
13	UDCon8	Combination	Min	Diaph D1 Y	0.002197	0.001249	1.758	45	26.8	14.8	45.5
13	UDCon9	Combination	Max	Diaph D1 Y	0.002961	0.001967	1.505	45	26.8	14.8	45.5
13	UDCon9	Combination	Min	Diaph D1 X	0.001851	0.00118	1.568	6	20.5	19.6	45.5
13	UDCon9	Combination	Min	Diaph D1 Y	0.00218	0.001234	1.766	45	26.8	14.8	45.5
13	UDCon10	Combination	Max	Diaph D1 Y	0.002938	0.001977	1.486	45	26.8	14.8	45.5
13	UDCon10	Combination	Min	Diaph D1 X	0.002028	0.001325	1.53	6	20.5	19.6	45.5
13	UDCon10	Combination	Min	Diaph D1 Y	0.002157	0.001244	1.734	45	26.8	14.8	45.5
12F RF	Dead	LinStatic		Diaph D1 X	0.000547	0.000302	1.808	6	20.5	19.6	42
12F RF	Dead	LinStatic		Diaph D1 Y	0.001016	0.000632	1.607	45	26.8	14.8	42
12F RF	Live	LinStatic		Diaph D1 X	6.3E-05	4.9E-05	1.274	32	11.4	19.6	42
12F RF	Live	LinStatic		Diaph D1 Y	5.6E-05	3.5E-05	1.601	45	26.8	14.8	42
12F RF	FF	LinStatic		Diaph D1 X	0.000366	0.000185	1.982	6	20.5	19.6	42
12F RF	FF	LinStatic		Diaph D1 Y	0.000791	0.000506	1.563	45	26.8	14.8	42
12F RF	PW	LinStatic		Diaph D1 X	0.000319	0.000148	2.16	6	20.5	19.6	42
12F RF	PW	LinStatic		Diaph D1 Y	0.000742	0.000473	1.569	45	26.8	14.8	42
12F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000794	0.000688	1.154	6	20.5	19.6	42
12F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000293	0.000132	2.224	33	3.75	19.6	42

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
12F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000117	0.00011	1.064	33	3.75	19.6	42
12F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000771	0.000756	1.02	38	3.75	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000768	0.000676	1.136	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000366	0.000357	1.024	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000726	0.00065	1.118	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000398	0.000374	1.065	38	3.75	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000784	0.000685	1.144	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000406	0.000362	1.119	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000604	0.000538	1.122	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000383	0.000371	1.03	43	26.8	5	42
12F RF	UDCon1	Combination		Diaph D1 X	0.001664	0.000857	1.941	6	20.5	19.6	42
12F RF	UDCon1	Combination		Diaph D1 Y	0.003441	0.002175	1.582	45	26.8	14.8	42
12F RF	UDCon2	Combination		Diaph D1 X	0.001758	0.000931	1.888	6	20.5	19.6	42
12F RF	UDCon2	Combination		Diaph D1 Y	0.003525	0.002228	1.583	45	26.8	14.8	42
12F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002931	0.001979	1.481	45	26.8	14.8	42
12F RF	UDCon3	Combination	Min	Diaph D1 X	0.001978	0.001302	1.519	6	20.5	19.6	42
12F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002211	0.001245	1.776	45	26.8	14.8	42
12F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00292	0.001998	1.462	45	26.8	14.8	42
12F RF	UDCon4	Combination	Min	Diaph D1 X	0.002019	0.001329	1.52	6	20.5	19.6	42
12F RF	UDCon4	Combination	Min	Diaph D1 Y	0.002201	0.001264	1.742	45	26.8	14.8	42
12F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002971	0.001985	1.497	45	26.8	14.8	42
12F RF	UDCon5	Combination	Min	Diaph D1 X	0.001855	0.00119	1.559	6	20.5	19.6	42

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
12F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002183	0.001249	1.748	45	26.8	14.8	42
12F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002948	0.001994	1.479	45	26.8	14.8	42
12F RF	UDCon6	Combination	Min	Diaph D1 X	0.002035	0.001338	1.521	6	20.5	19.6	42
12F RF	UDCon6	Combination	Min	Diaph D1 Y	0.00216	0.001258	1.717	45	26.8	14.8	42
12F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002914	0.001969	1.48	45	26.8	14.8	42
12F RF	UDCon7	Combination	Min	Diaph D1 X	0.001959	0.001287	1.521	6	20.5	19.6	42
12F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002194	0.001235	1.777	45	26.8	14.8	42
12F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002904	0.001987	1.461	45	26.8	14.8	42
12F RF	UDCon8	Combination	Min	Diaph D1 X	0.002	0.001314	1.523	6	20.5	19.6	42
12F RF	UDCon8	Combination	Min	Diaph D1 Y	0.002184	0.001253	1.743	45	26.8	14.8	42
12F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002955	0.001974	1.496	45	26.8	14.8	42
12F RF	UDCon9	Combination	Min	Diaph D1 X	0.001836	0.001175	1.562	6	20.5	19.6	42
12F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002167	0.001239	1.749	45	26.8	14.8	42
12F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002931	0.001983	1.478	45	26.8	14.8	42
12F RF	UDCon10	Combination	Min	Diaph D1 X	0.002016	0.001323	1.524	6	20.5	19.6	42
12F RF	UDCon10	Combination	Min	Diaph D1 Y	0.002143	0.001248	1.718	45	26.8	14.8	42
11F RF	Dead	LinStatic		Diaph D1 X	0.00053	0.00029	1.828	6	20.5	19.6	38.5
11F RF	Dead	LinStatic		Diaph D1 Y	0.001007	0.000632	1.593	45	26.8	14.8	38.5
11F RF	Live	LinStatic		Diaph D1 X	6.1E-05	4.8E-05	1.274	6	20.5	19.6	38.5
11F RF	Live	LinStatic		Diaph D1 Y	5.5E-05	3.5E-05	1.585	45	26.8	14.8	38.5
11F RF	FF	LinStatic		Diaph D1 X	0.000355	0.000177	2.011	6	20.5	19.6	38.5
11F RF	FF	LinStatic		Diaph D1 Y	0.000785	0.000506	1.551	45	26.8	14.8	38.5
11F RF	PW	LinStatic		Diaph D1 X	0.000309	0.00014	2.201	6	20.5	19.6	38.5
11F RF	PW	LinStatic		Diaph D1 Y	0.000737	0.000473	1.556	45	26.8	14.8	38.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
11F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000805	0.0007	1.149	6	20.5	19.6	38.5
11F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.00029	0.000131	2.217	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000117	0.000111	1.053	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000769	0.000756	1.017	38	3.75	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000781	0.000691	1.131	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000367	0.000358	1.027	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000737	0.000662	1.112	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000396	0.000374	1.06	38	3.75	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000797	0.0007	1.138	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000408	0.000363	1.124	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000615	0.000551	1.117	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000384	0.000371	1.036	43	26.8	5	38.5
11F RF	UDCon1	Combination		Diaph D1 X	0.001612	0.000819	1.968	6	20.5	19.6	38.5
11F RF	UDCon1	Combination		Diaph D1 Y	0.003414	0.002176	1.569	45	26.8	14.8	38.5
11F RF	UDCon2	Combination		Diaph D1 X	0.001704	0.000891	1.912	6	20.5	19.6	38.5
11F RF	UDCon2	Combination		Diaph D1 Y	0.003497	0.002228	1.57	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002912	0.00198	1.47	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Min	Diaph D1 X	0.001949	0.001286	1.515	6	20.5	19.6	38.5
11F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002191	0.001247	1.757	47	26.8	10	38.5
11F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002902	0.001998	1.452	45	26.8	14.8	38.5
11F RF	UDCon4	Combination	Min	Diaph D1 X	0.001994	0.001315	1.516	6	20.5	19.6	38.5
11F RF	UDCon4	Combination	Min	Diaph D1 Y	0.002181	0.001265	1.724	47	26.8	10	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	UDCon5	Combination	Max	Diaph D1 Y	0.002953	0.001985	1.487	45	26.8	14.8	38.5
11F RF	UDCon5	Combination	Min	Diaph D1 X	0.001827	0.001174	1.556	6	20.5	19.6	38.5
11F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002164	0.001251	1.729	47	26.8	10	38.5
11F RF	UDCon6	Combination	Max	Diaph D1 Y	0.00293	0.001994	1.469	45	26.8	14.8	38.5
11F RF	UDCon6	Combination	Min	Diaph D1 X	0.00201	0.001324	1.518	6	20.5	19.6	38.5
11F RF	UDCon6	Combination	Min	Diaph D1 Y	0.002141	0.00126	1.699	47	26.8	10	38.5
11F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002895	0.00197	1.47	45	26.8	14.8	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 X	0.001931	0.001272	1.518	6	20.5	19.6	38.5
11F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002174	0.001236	1.759	47	26.8	10	38.5
11F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002885	0.001988	1.451	45	26.8	14.8	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 X	0.001975	0.0013	1.519	6	20.5	19.6	38.5
11F RF	UDCon8	Combination	Min	Diaph D1 Y	0.002164	0.001254	1.726	47	26.8	10	38.5
11F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002936	0.001975	1.487	45	26.8	14.8	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 X	0.001809	0.00116	1.56	6	20.5	19.6	38.5
11F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002147	0.001241	1.73	47	26.8	10	38.5
11F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002913	0.001984	1.469	45	26.8	14.8	38.5
11F RF	UDCon10	Combination	Min	Diaph D1 X	0.001992	0.00131	1.52	6	20.5	19.6	38.5
11F RF	UDCon10	Combination	Min	Diaph D1 Y	0.002125	0.00125	1.7	47	26.8	10	38.5
10F RF	Dead	LinStatic		Diaph D1 X	0.000509	0.000274	1.857	6	20.5	19.6	35
10F RF	Dead	LinStatic		Diaph D1 Y	0.000994	0.00063	1.578	45	26.8	14.8	35
10F RF	Live	LinStatic		Diaph D1 X	5.9E-05	4.6E-05	1.275	6	20.5	19.6	35
10F RF	Live	LinStatic		Diaph D1 Y	5.4E-05	3.5E-05	1.567	47	26.8	10	35
10F RF	FF	LinStatic		Diaph D1 X	0.000341	0.000166	2.057	6	20.5	19.6	35

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
10F RF	FF	LinStatic		Diaph D1 Y	0.000776	0.000505	1.537	45	26.8	14.8	35
10F RF	PW	LinStatic		Diaph D1 X	0.000296	0.000131	2.266	6	20.5	19.6	35
10F RF	PW	LinStatic		Diaph D1 Y	0.000729	0.000472	1.542	45	26.8	14.8	35
10F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000811	0.000709	1.144	6	20.5	19.6	35
10F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000286	0.00013	2.205	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000116	0.000111	1.044	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000763	0.000752	1.014	38	3.75	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000791	0.000703	1.125	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000368	0.000357	1.031	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000743	0.000672	1.106	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000393	0.000373	1.054	38	3.75	14.8	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000808	0.000713	1.133	6	20.5	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000408	0.000361	1.129	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000624	0.000561	1.111	6	20.5	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000385	0.000369	1.042	45	26.8	14.8	35
10F RF	UDCon1	Combination		Diaph D1 X	0.001548	0.00077	2.009	6	20.5	19.6	35
10F RF	UDCon1	Combination		Diaph D1 Y	0.003373	0.002169	1.555	45	26.8	14.8	35
10F RF	UDCon2	Combination		Diaph D1 X	0.001636	0.00084	1.948	6	20.5	19.6	35
10F RF	UDCon2	Combination		Diaph D1 Y	0.003454	0.002221	1.555	45	26.8	14.8	35
10F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002882	0.001975	1.459	45	26.8	14.8	35
10F RF	UDCon3	Combination	Min	Diaph D1 X	0.001907	0.001259	1.515	6	20.5	19.6	35
10F RF	UDCon3	Combination	Min	Diaph D1 Y	0.00216	0.001244	1.737	47	26.8	10	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	UDCon4	Combination	Max	Diaph D1 Y	0.002872	0.001992	1.442	45	26.8	14.8	35
10F RF	UDCon4	Combination	Min	Diaph D1 X	0.001955	0.00129	1.516	6	20.5	19.6	35
10F RF	UDCon4	Combination	Min	Diaph D1 Y	0.00215	0.001261	1.705	47	26.8	10	35
10F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002923	0.001979	1.477	45	26.8	14.8	35
10F RF	UDCon5	Combination	Min	Diaph D1 X	0.001788	0.001148	1.557	6	20.5	19.6	35
10F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002133	0.001249	1.708	47	26.8	10	35
10F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002899	0.001987	1.459	45	26.8	14.8	35
10F RF	UDCon6	Combination	Min	Diaph D1 X	0.001972	0.0013	1.517	6	20.5	19.6	35
10F RF	UDCon6	Combination	Min	Diaph D1 Y	0.002111	0.001257	1.679	47	26.8	10	35
10F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002865	0.001965	1.459	45	26.8	14.8	35
10F RF	UDCon7	Combination	Min	Diaph D1 X	0.00189	0.001245	1.518	6	20.5	19.6	35
10F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002143	0.001233	1.738	47	26.8	10	35
10F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002856	0.001982	1.441	45	26.8	14.8	35
10F RF	UDCon8	Combination	Min	Diaph D1 X	0.001937	0.001276	1.518	6	20.5	19.6	35
10F RF	UDCon8	Combination	Min	Diaph D1 Y	0.002134	0.001251	1.706	47	26.8	10	35
10F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002906	0.001969	1.476	45	26.8	14.8	35
10F RF	UDCon9	Combination	Min	Diaph D1 X	0.00177	0.001134	1.561	6	20.5	19.6	35
10F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002117	0.001239	1.709	47	26.8	10	35
10F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002883	0.001977	1.458	45	26.8	14.8	35
10F RF	UDCon10	Combination	Min	Diaph D1 X	0.001954	0.001286	1.52	6	20.5	19.6	35
10F RF	UDCon10	Combination	Min	Diaph D1 Y	0.002094	0.001247	1.68	47	26.8	10	35
9F RF	Dead	LinStatic		Diaph D1 X	0.000485	0.000255	1.899	6	20.5	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	Dead	LinStatic		Diaph D1 Y	0.000976	0.000625	1.562	45	26.8	14.8	31.5
9F RF	Live	LinStatic		Diaph D1 X	5.6E-05	4.4E-05	1.277	6	20.5	19.6	31.5
9F RF	Live	LinStatic		Diaph D1 Y	5.3E-05	3.4E-05	1.546	47	26.8	10	31.5
9F RF	FF	LinStatic		Diaph D1 X	0.000324	0.000153	2.122	6	20.5	19.6	31.5
9F RF	FF	LinStatic		Diaph D1 Y	0.000764	0.000501	1.523	45	26.8	14.8	31.5
9F RF	PW	LinStatic		Diaph D1 X	0.000282	0.000119	2.358	6	20.5	19.6	31.5
9F RF	PW	LinStatic		Diaph D1 Y	0.000717	0.000469	1.528	45	26.8	14.8	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000812	0.000713	1.139	6	20.5	19.6	31.5
9F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.00028	0.000128	2.186	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000116	0.000112	1.037	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000753	0.000745	1.011	38	3.75	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000796	0.000711	1.119	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000366	0.000355	1.034	43	26.8	5	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000745	0.000677	1.1	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000387	0.00037	1.048	38	3.75	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000814	0.000721	1.128	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000406	0.000358	1.135	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00063	0.00057	1.106	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000383	0.000365	1.049	45	26.8	14.8	31.5
9F RF	UDCon1	Combination		Diaph D1 X	0.001472	0.000712	2.068	6	20.5	19.6	31.5
9F RF	UDCon1	Combination		Diaph D1 Y	0.003317	0.002154	1.54	45	26.8	14.8	31.5
9F RF	UDCon2	Combination		Diaph D1 X	0.001557	0.000778	2	6	20.5	19.6	31.5
9F RF	UDCon2	Combination		Diaph D1 Y	0.003396	0.002205	1.54	45	26.8	14.8	31.5
9F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002839	0.00196	1.448	45	26.8	14.8	31.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
9F RF	UDCon3	Combination	Min	Diaph D1 X	0.001852	0.001222	1.518	6	20.5	19.6	31.5
9F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002117	0.001235	1.714	47	26.8	10	31.5
9F RF	UDCon4	Combination	Max	Diaph D1 Y	0.00283	0.001977	1.431	45	26.8	14.8	31.5
9F RF	UDCon4	Combination	Min	Diaph D1 X	0.001903	0.001254	1.518	6	20.5	19.6	31.5
9F RF	UDCon4	Combination	Min	Diaph D1 Y	0.002108	0.001252	1.684	47	26.8	10	31.5
9F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002879	0.001964	1.466	45	26.8	14.8	31.5
9F RF	UDCon5	Combination	Min	Diaph D1 X	0.001737	0.001113	1.561	6	20.5	19.6	31.5
9F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002091	0.001241	1.685	47	26.8	10	31.5
9F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002856	0.001971	1.449	45	26.8	14.8	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 X	0.001921	0.001265	1.519	6	20.5	19.6	31.5
9F RF	UDCon6	Combination	Min	Diaph D1 Y	0.002069	0.001249	1.657	47	26.8	10	31.5
9F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002823	0.00195	1.448	45	26.8	14.8	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 X	0.001835	0.001207	1.521	6	20.5	19.6	31.5
9F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002101	0.001225	1.715	47	26.8	10	31.5
9F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002814	0.001967	1.431	45	26.8	14.8	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 X	0.001887	0.001241	1.52	6	20.5	19.6	31.5
9F RF	UDCon8	Combination	Min	Diaph D1 Y	0.002092	0.001242	1.685	47	26.8	10	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 X	0.000672	0.000197	3.404	27	17.9	5	31.5
9F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002863	0.001954	1.466	45	26.8	14.8	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 X	0.00172	0.001099	1.565	6	20.5	19.6	31.5
9F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002075	0.001231	1.686	47	26.8	10	31.5
9F RF	UDCon10	Combination	Max	Diaph D1 Y	0.00284	0.001961	1.448	45	26.8	14.8	31.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
9F RF	UDCon10	Combination	Min	Diaph D1 X	0.001904	0.001251	1.522	6	20.5	19.6	31.5
9F RF	UDCon10	Combination	Min	Diaph D1 Y	0.002053	0.001238	1.658	47	26.8	10	31.5
8F RF	Dead	LinStatic		Diaph D1 X	0.000458	0.000234	1.954	6	20.5	19.6	28
8F RF	Dead	LinStatic		Diaph D1 Y	0.000953	0.000616	1.547	45	26.8	14.8	28
8F RF	Live	LinStatic		Diaph D1 X	5.4E-05	4.2E-05	1.28	6	20.5	19.6	28
8F RF	Live	LinStatic		Diaph D1 Y	5.1E-05	3.4E-05	1.527	45	26.8	14.8	28
8F RF	FF	LinStatic		Diaph D1 X	0.000306	0.000139	2.209	6	20.5	19.6	28
8F RF	FF	LinStatic		Diaph D1 Y	0.000747	0.000495	1.509	45	26.8	14.8	28
8F RF	PW	LinStatic		Diaph D1 X	0.000265	0.000107	2.485	6	20.5	19.6	28
8F RF	PW	LinStatic		Diaph D1 Y	0.000703	0.000464	1.514	45	26.8	14.8	28
8F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000807	0.000712	1.134	6	20.5	19.6	28
8F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000271	0.000126	2.16	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000117	0.000113	1.036	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000738	0.000732	1.008	38	3.75	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000796	0.000715	1.113	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000364	0.000351	1.037	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000741	0.000677	1.093	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00038	0.000365	1.042	38	3.75	14.8	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000814	0.000725	1.122	6	20.5	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000403	0.000353	1.14	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000631	0.000574	1.1	6	20.5	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.00038	0.000359	1.056	45	26.8	14.8	28
8F RF	UDCon1	Combination		Diaph D1 X	0.001389	0.000647	2.146	6	20.5	19.6	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	UDCon1	Combination		Diaph D1 Y	0.003245	0.002127	1.525	45	26.8	14.8	28
8F RF	UDCon2	Combination		Diaph D1 X	0.00147	0.00071	2.069	6	20.5	19.6	28
8F RF	UDCon2	Combination		Diaph D1 Y	0.003322	0.002178	1.525	45	26.8	14.8	28
8F RF	UDCon3	Combination	Max	Diaph D1 X	0.000701	0.000226	3.103	27	17.9	5	28
8F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002783	0.001937	1.437	45	26.8	14.8	28
8F RF	UDCon3	Combination	Min	Diaph D1 X	0.001786	0.001171	1.524	6	20.5	19.6	28
8F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002065	0.00122	1.693	45	26.8	14.8	28
8F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002774	0.001952	1.421	45	26.8	14.8	28
8F RF	UDCon4	Combination	Min	Diaph D1 X	0.001841	0.001209	1.522	6	20.5	19.6	28
8F RF	UDCon4	Combination	Min	Diaph D1 Y	0.002056	0.001235	1.664	45	26.8	14.8	28
8F RF	UDCon5	Combination	Max	Diaph D1 X	0.000704	0.000237	2.977	27	17.9	5	28
8F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002822	0.001939	1.455	45	26.8	14.8	28
8F RF	UDCon5	Combination	Min	Diaph D1 X	0.001676	0.001068	1.569	6	20.5	19.6	28
8F RF	UDCon5	Combination	Min	Diaph D1 Y	0.00204	0.001226	1.663	45	26.8	14.8	28
8F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002799	0.001946	1.438	45	26.8	14.8	28
8F RF	UDCon6	Combination	Min	Diaph D1 X	0.001859	0.00122	1.524	6	20.5	19.6	28
8F RF	UDCon6	Combination	Min	Diaph D1 Y	0.002017	0.001233	1.636	45	26.8	14.8	28
8F RF	UDCon7	Combination	Max	Diaph D1 X	0.00071	0.000239	2.978	27	17.9	5	28
8F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002767	0.001927	1.436	45	26.8	14.8	28
8F RF	UDCon7	Combination	Min	Diaph D1 X	0.001769	0.001159	1.527	6	20.5	19.6	28
8F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002049	0.00121	1.694	45	26.8	14.8	28
8F RF	UDCon8	Combination	Max	Diaph D1 X	0.000689	0.000201	3.437	27	17.9	5	28
8F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002758	0.001942	1.42	45	26.8	14.8	28

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
8F RF	UDCon8	Combination	Min	Diaph D1 X	0.001825	0.001196	1.525	6	20.5	19.6	28
8F RF	UDCon8	Combination	Min	Diaph D1 Y	0.00204	0.001225	1.665	45	26.8	14.8	28
8F RF	UDCon9	Combination	Max	Diaph D1 X	0.000714	0.000249	2.863	27	17.9	5	28
8F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002806	0.001929	1.455	45	26.8	14.8	28
8F RF	UDCon9	Combination	Min	Diaph D1 X	0.00166	0.001056	1.572	6	20.5	19.6	28
8F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002024	0.001216	1.664	45	26.8	14.8	28
8F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002783	0.001936	1.438	45	26.8	14.8	28
8F RF	UDCon10	Combination	Min	Diaph D1 X	0.001843	0.001207	1.527	6	20.5	19.6	28
8F RF	UDCon10	Combination	Min	Diaph D1 Y	0.002001	0.001223	1.637	45	26.8	14.8	28
7F RF	Dead	LinStatic		Diaph D1 X	0.000429	0.000212	2.021	6	20.5	19.6	24.5
7F RF	Dead	LinStatic		Diaph D1 Y	0.000925	0.000605	1.53	45	26.8	14.8	24.5
7F RF	Live	LinStatic		Diaph D1 X	5.1E-05	4E-05	1.285	6	20.5	19.6	24.5
7F RF	Live	LinStatic		Diaph D1 Y	4.9E-05	3.3E-05	1.505	45	26.8	14.8	24.5
7F RF	FF	LinStatic		Diaph D1 X	0.000287	0.000124	2.317	6	20.5	19.6	24.5
7F RF	FF	LinStatic		Diaph D1 Y	0.000727	0.000486	1.494	45	26.8	14.8	24.5
7F RF	PW	LinStatic		Diaph D1 X	0.000249	9.4E-05	2.647	6	20.5	19.6	24.5
7F RF	PW	LinStatic		Diaph D1 Y	0.000684	0.000456	1.499	45	26.8	14.8	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000794	0.000704	1.128	6	20.5	19.6	24.5
7F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000261	0.000123	2.126	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000118	0.000112	1.048	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.00072	0.000713	1.01	38	3.75	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000789	0.000712	1.108	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000359	0.000345	1.041	45	26.8	14.8	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.00073	0.000671	1.087	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.00037	0.000357	1.035	38	3.75	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000807	0.000723	1.117	6	20.5	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000396	0.000346	1.145	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000628	0.000574	1.094	6	20.5	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000374	0.000351	1.064	45	26.8	14.8	24.5
7F RF	UDCon1	Combination		Diaph D1 X	0.001303	0.000581	2.243	6	20.5	19.6	24.5
7F RF	UDCon1	Combination		Diaph D1 Y	0.003153	0.002089	1.51	45	26.8	14.8	24.5
7F RF	UDCon2	Combination		Diaph D1 X	0.001379	0.00064	2.154	6	20.5	19.6	24.5
7F RF	UDCon2	Combination		Diaph D1 Y	0.003227	0.002138	1.509	45	26.8	14.8	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 X	0.000741	0.000275	2.697	27	17.9	5	24.5
7F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002709	0.001902	1.424	45	26.8	14.8	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 X	0.00171	0.001115	1.533	6	20.5	19.6	24.5
7F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002	0.001198	1.67	45	26.8	14.8	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 X	0.000717	0.000233	3.073	27	17.9	5	24.5
7F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002701	0.001916	1.409	45	26.8	14.8	24.5
7F RF	UDCon4	Combination	Min	Diaph D1 X	0.001769	0.001156	1.529	6	20.5	19.6	24.5
7F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001992	0.001212	1.643	45	26.8	14.8	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 X	0.000745	0.000286	2.605	27	17.9	5	24.5
7F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002747	0.001903	1.443	45	26.8	14.8	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 X	0.001608	0.001018	1.579	6	20.5	19.6	24.5
7F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001977	0.001206	1.64	45	26.8	14.8	24.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
7F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002724	0.001909	1.427	45	26.8	14.8	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 X	0.001787	0.001167	1.531	6	20.5	19.6	24.5
7F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001954	0.001211	1.614	45	26.8	14.8	24.5
7F RF	UDCon7	Combination	Max	Diaph D1 X	0.00075	0.000287	2.615	27	17.9	5	24.5
7F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002695	0.001892	1.424	45	26.8	14.8	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 X	0.001695	0.001104	1.536	6	20.5	19.6	24.5
7F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001985	0.001188	1.671	45	26.8	14.8	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 X	0.000726	0.000245	2.959	27	17.9	5	24.5
7F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002686	0.001907	1.409	45	26.8	14.8	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 X	0.001753	0.001145	1.532	6	20.5	19.6	24.5
7F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001977	0.001202	1.644	45	26.8	14.8	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 X	0.000753	0.000298	2.53	27	17.9	5	24.5
7F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002732	0.001893	1.443	45	26.8	14.8	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 X	0.001593	0.001006	1.583	6	20.5	19.6	24.5
7F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001962	0.001196	1.641	45	26.8	14.8	24.5
7F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002709	0.001899	1.427	45	26.8	14.8	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 X	0.001772	0.001156	1.534	6	20.5	19.6	24.5
7F RF	UDCon10	Combination	Min	Diaph D1 Y	0.00194	0.001201	1.615	45	26.8	14.8	24.5
6F RF	Dead	LinStatic		Diaph D1 X	0.000402	0.000191	2.109	6	20.5	19.6	21
6F RF	Dead	LinStatic		Diaph D1 Y	0.000889	0.000588	1.512	45	26.8	14.8	21
6F RF	Live	LinStatic		Diaph D1 X	4.8E-05	3.7E-05	1.292	6	20.5	19.6	21
6F RF	Live	LinStatic		Diaph D1 Y	4.7E-05	3.2E-05	1.481	45	26.8	14.8	21
6F RF	FF	LinStatic		Diaph D1 X	0.000269	0.000109	2.46	6	20.5	19.6	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	FF	LinStatic		Diaph D1 Y	0.0007	0.000474	1.477	45	26.8	14.8	21
6F RF	PW	LinStatic		Diaph D1 X	0.000233	8.1E-05	2.864	6	20.5	19.6	21
6F RF	PW	LinStatic		Diaph D1 Y	0.000659	0.000445	1.483	45	26.8	14.8	21
6F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000774	0.000689	1.124	33	3.75	19.6	21
6F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000248	0.000119	2.087	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000118	0.000111	1.068	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000712	0.000703	1.014	50	22.6	5	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000773	0.000702	1.102	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000355	0.000339	1.049	50	22.6	5	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000711	0.000658	1.08	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000358	0.000349	1.027	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000792	0.000713	1.111	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000388	0.000337	1.15	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000618	0.000568	1.088	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000366	0.000341	1.072	45	26.8	14.8	21
6F RF	UDCon1	Combination		Diaph D1 X	0.00122	0.000515	2.371	6	20.5	19.6	21
6F RF	UDCon1	Combination		Diaph D1 Y	0.003035	0.002034	1.492	45	26.8	14.8	21
6F RF	UDCon2	Combination		Diaph D1 X	0.001292	0.00057	2.265	6	20.5	19.6	21
6F RF	UDCon2	Combination		Diaph D1 Y	0.003106	0.002082	1.492	45	26.8	14.8	21
6F RF	UDCon3	Combination	Max	Diaph D1 X	0.000774	0.000315	2.461	27	17.9	5	21
6F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002615	0.001854	1.411	45	26.8	14.8	21
6F RF	UDCon3	Combination	Min	Diaph D1 X	0.001629	0.001055	1.545	6	20.5	19.6	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001918	0.001166	1.645	45	26.8	14.8	21
6F RF	UDCon4	Combination	Max	Diaph D1 X	0.000747	0.00027	2.768	27	17.9	5	21
6F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002607	0.001867	1.397	45	26.8	14.8	21
6F RF	UDCon4	Combination	Min	Diaph D1 X	0.001692	0.001099	1.539	6	20.5	19.6	21
6F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001909	0.001178	1.62	45	26.8	14.8	21
6F RF	UDCon5	Combination	Max	Diaph D1 X	0.000777	0.000326	2.387	27	17.9	5	21
6F RF	UDCon5	Combination	Max	Diaph D1 Y	0.00265	0.001853	1.43	45	26.8	14.8	21
6F RF	UDCon5	Combination	Min	Diaph D1 X	0.001536	0.000965	1.592	6	20.5	19.6	21
6F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001896	0.001175	1.615	45	26.8	14.8	21
6F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002628	0.001858	1.415	45	26.8	14.8	21
6F RF	UDCon6	Combination	Min	Diaph D1 X	0.00171	0.00111	1.54	6	20.5	19.6	21
6F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001875	0.001179	1.59	45	26.8	14.8	21
6F RF	UDCon7	Combination	Max	Diaph D1 X	0.000782	0.000326	2.401	27	17.9	5	21
6F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002601	0.001844	1.41	45	26.8	14.8	21
6F RF	UDCon7	Combination	Min	Diaph D1 X	0.001615	0.001044	1.548	6	20.5	19.6	21
6F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001904	0.001156	1.647	45	26.8	14.8	21
6F RF	UDCon8	Combination	Max	Diaph D1 X	0.000755	0.000281	2.686	27	17.9	5	21
6F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002593	0.001857	1.396	45	26.8	14.8	21
6F RF	UDCon8	Combination	Min	Diaph D1 X	0.001677	0.001088	1.541	6	20.5	19.6	21
6F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001895	0.001169	1.621	45	26.8	14.8	21
6F RF	UDCon9	Combination	Max	Diaph D1 X	0.000785	0.000337	2.332	27	17.9	5	21
6F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002636	0.001844	1.43	45	26.8	14.8	21
6F RF	UDCon9	Combination	Min	Diaph D1 X	0.001522	0.000954	1.595	6	20.5	19.6	21

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
6F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001882	0.001165	1.616	45	26.8	14.8	21
6F RF	UDCon10	Combination	Max	Diaph D1 X	0.000669	0.000191	3.494	27	17.9	5	21
6F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002614	0.001848	1.414	45	26.8	14.8	21
6F RF	UDCon10	Combination	Min	Diaph D1 X	0.001696	0.001099	1.543	6	20.5	19.6	21
6F RF	UDCon10	Combination	Min	Diaph D1 Y	0.00186	0.00117	1.591	45	26.8	14.8	21
5F RF	Dead	LinStatic		Diaph D1 X	0.000375	0.000171	2.189	6	20.5	19.6	17.5
5F RF	Dead	LinStatic		Diaph D1 Y	0.000841	0.000561	1.499	47	26.8	10	17.5
5F RF	Live	LinStatic		Diaph D1 X	4.5E-05	3.5E-05	1.298	6	20.5	19.6	17.5
5F RF	Live	LinStatic		Diaph D1 Y	4.4E-05	3E-05	1.469	48	26.8	12	17.5
5F RF	FF	LinStatic		Diaph D1 X	0.000252	9.7E-05	2.592	6	20.5	19.6	17.5
5F RF	FF	LinStatic		Diaph D1 Y	0.000663	0.000452	1.468	47	26.8	10	17.5
5F RF	PW	LinStatic		Diaph D1 X	0.000218	7.1E-05	3.072	6	20.5	19.6	17.5
5F RF	PW	LinStatic		Diaph D1 Y	0.000625	0.000424	1.473	47	26.8	10	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000744	0.000664	1.12	11	7	19.6	17.5
5F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000234	0.000115	2.039	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000117	0.000108	1.088	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000673	0.000652	1.032	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.00075	0.000684	1.096	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000342	0.000326	1.049	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000687	0.000639	1.076	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000343	0.000327	1.049	33	3.75	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000768	0.000695	1.106	6	20.5	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000374	0.000325	1.152	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000602	0.000555	1.084	6	20.5	19.6	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000353	0.000328	1.077	45	26.8	14.8	17.5
5F RF	UDCon1	Combination		Diaph D1 X	0.001141	0.000458	2.489	6	20.5	19.6	17.5
5F RF	UDCon1	Combination		Diaph D1 Y	0.002874	0.00194	1.482	47	26.8	10	17.5
5F RF	UDCon2	Combination		Diaph D1 X	0.001208	0.00051	2.367	6	20.5	19.6	17.5
5F RF	UDCon2	Combination		Diaph D1 Y	0.002941	0.001985	1.481	47	26.8	10	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 X	0.000787	0.000339	2.321	27	17.9	5	17.5
5F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002481	0.001772	1.4	47	26.8	10	17.5
5F RF	UDCon3	Combination	Min	Diaph D1 X	0.001546	0.000993	1.557	6	20.5	19.6	17.5
5F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001812	0.001109	1.633	47	26.8	10	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 X	0.000757	0.000293	2.585	27	17.9	5	17.5
5F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002473	0.001783	1.387	47	26.8	10	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 X	0.001608	0.001039	1.548	6	20.5	19.6	17.5
5F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001804	0.00112	1.61	47	26.8	10	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 X	0.00079	0.00035	2.258	27	17.9	5	17.5
5F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002512	0.001769	1.42	47	26.8	10	17.5
5F RF	UDCon5	Combination	Min	Diaph D1 X	0.00146	0.00091	1.604	6	20.5	19.6	17.5
5F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001793	0.00112	1.601	47	26.8	10	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 X	0.000678	0.00021	3.222	27	17.9	5	17.5
5F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002492	0.001772	1.406	47	26.8	10	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 X	0.001627	0.00105	1.55	6	20.5	19.6	17.5
5F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001773	0.001124	1.578	47	26.8	10	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 X	0.000794	0.00035	2.273	27	17.9	5	17.5
5F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002467	0.001763	1.4	47	26.8	10	17.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
5F RF	UDCon7	Combination	Min	Diaph D1 X	0.001532	0.000982	1.56	6	20.5	19.6	17.5
5F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001798	0.0011	1.635	47	26.8	10	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 X	0.000764	0.000303	2.521	27	17.9	5	17.5
5F RF	UDCon8	Combination	Max	Diaph D1 Y	0.00246	0.001774	1.387	47	26.8	10	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 X	0.001595	0.001029	1.551	6	20.5	19.6	17.5
5F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001791	0.001111	1.612	47	26.8	10	17.5
5F RF	UDCon9	Combination	Max	Diaph D1 X	0.000797	0.00036	2.213	27	17.9	5	17.5
5F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002499	0.00176	1.42	47	26.8	10	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 X	0.001447	0.0009	1.607	6	20.5	19.6	17.5
5F RF	UDCon9	Combination	Min	Diaph D1 Y	0.00178	0.001111	1.602	47	26.8	10	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 X	0.000685	0.000221	3.103	27	17.9	5	17.5
5F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002479	0.001763	1.406	47	26.8	10	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 X	0.001614	0.001039	1.552	6	20.5	19.6	17.5
5F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001759	0.001115	1.578	47	26.8	10	17.5
4F RF	Dead	LinStatic		Diaph D1 X	0.000346	0.000161	2.153	6	20.5	19.6	14
4F RF	Dead	LinStatic		Diaph D1 Y	0.000789	0.000526	1.501	47	26.8	10	14
4F RF	Live	LinStatic		Diaph D1 X	4.2E-05	3.3E-05	1.285	6	20.5	19.6	14
4F RF	Live	LinStatic		Diaph D1 Y	4.1E-05	2.8E-05	1.467	47	26.8	10	14
4F RF	FF	LinStatic		Diaph D1 X	0.000232	9.2E-05	2.53	6	20.5	19.6	14
4F RF	FF	LinStatic		Diaph D1 Y	0.000623	0.000424	1.472	47	26.8	10	14
4F RF	PW	LinStatic		Diaph D1 X	0.000201	6.7E-05	2.989	6	20.5	19.6	14
4F RF	PW	LinStatic		Diaph D1 Y	0.000588	0.000398	1.477	47	26.8	10	14
4F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000705	0.00063	1.119	33	3.75	19.6	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000215	0.000108	1.986	33	3.75	19.6	14
4F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000111	0.000102	1.094	26	11.4	5	14
4F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000716	0.000676	1.059	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000718	0.000656	1.094	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000372	0.000336	1.107	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000656	0.00061	1.076	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000367	0.000344	1.067	50	22.6	5	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000737	0.000667	1.104	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000396	0.000329	1.202	50	22.6	5	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.000578	0.000535	1.08	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000377	0.000332	1.136	50	22.6	5	14
4F RF	UDCon1	Combination		Diaph D1 X	0.001052	0.000432	2.437	6	20.5	19.6	14
4F RF	UDCon1	Combination		Diaph D1 Y	0.002701	0.001819	1.485	47	26.8	10	14
4F RF	UDCon2	Combination		Diaph D1 X	0.001114	0.00048	2.32	6	20.5	19.6	14
4F RF	UDCon2	Combination		Diaph D1 Y	0.002762	0.001861	1.485	47	26.8	10	14
4F RF	UDCon3	Combination	Max	Diaph D1 X	0.000739	0.000331	2.231	27	17.9	5	14
4F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002342	0.00167	1.402	47	26.8	10	14
4F RF	UDCon3	Combination	Min	Diaph D1 X	0.001445	0.000943	1.532	6	20.5	19.6	14
4F RF	UDCon3	Combination	Min	Diaph D1 Y	0.00169	0.001031	1.639	47	26.8	10	14
4F RF	UDCon4	Combination	Max	Diaph D1 X	0.000707	0.000285	2.483	27	17.9	5	14
4F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002335	0.00168	1.39	47	26.8	10	14
4F RF	UDCon4	Combination	Min	Diaph D1 X	0.001507	0.00099	1.522	6	20.5	19.6	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001684	0.001041	1.618	47	26.8	10	14
4F RF	UDCon5	Combination	Max	Diaph D1 X	0.000741	0.000341	2.172	27	17.9	5	14
4F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002371	0.001666	1.423	47	26.8	10	14
4F RF	UDCon5	Combination	Min	Diaph D1 X	0.001367	0.000869	1.574	6	20.5	19.6	14
4F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001675	0.001043	1.605	47	26.8	10	14
4F RF	UDCon6	Combination	Max	Diaph D1 X	0.000636	0.00021	3.026	27	17.9	5	14
4F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002351	0.001668	1.41	47	26.8	10	14
4F RF	UDCon6	Combination	Min	Diaph D1 X	0.001524	0.001	1.524	6	20.5	19.6	14
4F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001655	0.001045	1.583	47	26.8	10	14
4F RF	UDCon7	Combination	Max	Diaph D1 X	0.000746	0.000341	2.187	27	17.9	5	14
4F RF	UDCon7	Combination	Max	Diaph D1 Y	0.00233	0.001662	1.402	47	26.8	10	14
4F RF	UDCon7	Combination	Min	Diaph D1 X	0.001433	0.000934	1.535	6	20.5	19.6	14
4F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001678	0.001023	1.64	47	26.8	10	14
4F RF	UDCon8	Combination	Max	Diaph D1 X	0.000714	0.000294	2.425	27	17.9	5	14
4F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002323	0.001671	1.39	47	26.8	10	14
4F RF	UDCon8	Combination	Min	Diaph D1 X	0.001494	0.00098	1.524	6	20.5	19.6	14
4F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001671	0.001032	1.619	47	26.8	10	14
4F RF	UDCon9	Combination	Max	Diaph D1 X	0.000748	0.000351	2.132	27	17.9	5	14
4F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002359	0.001657	1.423	47	26.8	10	14
4F RF	UDCon9	Combination	Min	Diaph D1 X	0.001355	0.000859	1.577	6	20.5	19.6	14
4F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001662	0.001035	1.606	47	26.8	10	14
4F RF	UDCon10	Combination	Max	Diaph D1 X	0.000643	0.00022	2.924	27	17.9	5	14

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
4F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002339	0.00166	1.409	47	26.8	10	14
4F RF	UDCon10	Combination	Min	Diaph D1 X	0.001512	0.00099	1.527	6	20.5	19.6	14
4F RF	UDCon10	Combination	Min	Diaph D1 Y	0.001643	0.001037	1.584	47	26.8	10	14
3F RF	Dead	LinStatic		Diaph D1 X	0.000279	0.000108	2.573	33	3.75	19.6	10.5
3F RF	Dead	LinStatic		Diaph D1 Y	0.000742	0.000512	1.451	47	26.8	10	10.5
3F RF	Live	LinStatic		Diaph D1 X	3.7E-05	2.8E-05	1.297	33	3.75	19.6	10.5
3F RF	Live	LinStatic		Diaph D1 Y	3.8E-05	2.7E-05	1.401	47	26.8	10	10.5
3F RF	FF	LinStatic		Diaph D1 X	0.000186	5.3E-05	3.543	33	3.75	19.6	10.5
3F RF	FF	LinStatic		Diaph D1 Y	0.000588	0.000413	1.423	47	26.8	10	10.5
3F RF	PW	LinStatic		Diaph D1 Y	0.000555	0.000388	1.429	47	26.8	10	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000659	0.000586	1.125	6	20.5	19.6	10.5
3F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000196	9.5E-05	2.053	39	3.75	10	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 X	0.00012	8.5E-05	1.421	40	3.75	5	10.5
3F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000622	0.000545	1.141	42	24.7	5	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000681	0.000618	1.103	6	20.5	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000321	0.00027	1.188	42	24.7	5	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000622	0.000572	1.087	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.000315	0.00027	1.164	42	24.7	5	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.000698	0.000628	1.113	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000342	0.000281	1.216	42	24.7	5	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.00055	0.000504	1.091	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000325	0.000273	1.188	42	24.7	5	10.5
3F RF	UDCon1	Combination		Diaph D1 X	0.000841	0.000259	3.249	33	3.75	19.6	10.5
3F RF	UDCon1	Combination		Diaph D1 Y	0.002544	0.001772	1.436	47	26.8	10	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	UDCon2	Combination		Diaph D1 X	0.000896	0.000301	2.972	33	3.75	19.6	10.5
3F RF	UDCon2	Combination		Diaph D1 Y	0.002602	0.001813	1.435	47	26.8	10	10.5
3F RF	UDCon3	Combination	Max	Diaph D1 X	0.00085	0.000441	1.927	43	26.8	5	10.5
3F RF	UDCon3	Combination	Max	Diaph D1 Y	0.002211	0.001622	1.363	47	26.8	10	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 X	0.001247	0.000797	1.564	33	3.75	19.6	10.5
3F RF	UDCon3	Combination	Min	Diaph D1 Y	0.001587	0.001012	1.568	47	26.8	10	10.5
3F RF	UDCon4	Combination	Max	Diaph D1 X	0.000815	0.000397	2.052	43	26.8	5	10.5
3F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002206	0.00163	1.353	47	26.8	10	10.5
3F RF	UDCon4	Combination	Min	Diaph D1 X	0.0013	0.000841	1.545	33	3.75	19.6	10.5
3F RF	UDCon4	Combination	Min	Diaph D1 Y	0.001581	0.00102	1.55	47	26.8	10	10.5
3F RF	UDCon5	Combination	Max	Diaph D1 X	0.000852	0.00045	1.893	43	26.8	5	10.5
3F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002237	0.001617	1.384	47	26.8	10	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 X	0.001175	0.00073	1.609	33	3.75	19.6	10.5
3F RF	UDCon5	Combination	Min	Diaph D1 Y	0.001574	0.001024	1.537	47	26.8	10	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 X	0.000752	0.00033	2.281	43	26.8	5	10.5
3F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002218	0.001618	1.371	47	26.8	10	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 X	0.001316	0.000851	1.547	33	3.75	19.6	10.5
3F RF	UDCon6	Combination	Min	Diaph D1 Y	0.001561	0.001028	1.518	57	22.6	5.35	10.5
3F RF	UDCon7	Combination	Max	Diaph D1 X	0.000856	0.000449	1.904	43	26.8	5	10.5
3F RF	UDCon7	Combination	Max	Diaph D1 Y	0.0022	0.001614	1.363	47	26.8	10	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 X	0.001236	0.000789	1.567	33	3.75	19.6	10.5
3F RF	UDCon7	Combination	Min	Diaph D1 Y	0.001575	0.001004	1.569	47	26.8	10	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	UDCon8	Combination	Max	Diaph D1 X	0.000821	0.000405	2.024	43	26.8	5	10.5
3F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002194	0.001622	1.353	47	26.8	10	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 X	0.001289	0.000833	1.548	33	3.75	19.6	10.5
3F RF	UDCon8	Combination	Min	Diaph D1 Y	0.001569	0.001011	1.552	47	26.8	10	10.5
3F RF	UDCon9	Combination	Max	Diaph D1 X	0.000858	0.000459	1.871	43	26.8	5	10.5
3F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002225	0.001608	1.383	47	26.8	10	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 X	0.001164	0.000722	1.613	33	3.75	19.6	10.5
3F RF	UDCon9	Combination	Min	Diaph D1 Y	0.001562	0.001016	1.538	47	26.8	10	10.5
3F RF	UDCon10	Combination	Max	Diaph D1 X	0.000758	0.000338	2.241	43	26.8	5	10.5
3F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002207	0.00161	1.371	47	26.8	10	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 X	0.001305	0.000842	1.55	33	3.75	19.6	10.5
3F RF	UDCon10	Combination	Min	Diaph D1 Y	0.00155	0.00102	1.52	57	22.6	5.35	10.5
2F RF	Dead	LinStatic		Diaph D1 Y	0.00095	0.000569	1.668	43	26.8	5	7
2F RF	Live	LinStatic		Diaph D1 X	4.2E-05	2.5E-05	1.689	11	7	19.6	7
2F RF	Live	LinStatic		Diaph D1 Y	4.4E-05	2.7E-05	1.608	43	26.8	5	7
2F RF	FF	LinStatic		Diaph D1 Y	0.00077	0.000467	1.65	43	26.8	5	7
2F RF	PW	LinStatic		Diaph D1 Y	0.000734	0.000443	1.658	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		Diaph D1 X	0.000613	0.00052	1.18	51	24.7	8.8	7
2F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.000207	7.3E-05	2.854	40	3.75	5	7
2F RF	Earthquake+y	LinStatic		Diaph D1 X	0.000193	8E-05	2.413	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.000961	0.000726	1.324	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.000706	0.000588	1.2	51	24.7	8.8	7
2F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.000534	0.000395	1.354	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.000654	0.000547	1.195	53	24.7	6.9	7

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
2F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.0005	0.000374	1.336	57	22.6	5.35	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.00071	0.000591	1.202	51	24.7	8.8	7
2F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.000579	0.000409	1.417	57	22.6	5.35	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.0006	0.000494	1.214	51	24.7	8.8	7
2F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.000533	0.000394	1.352	57	22.6	5.35	7
2F RF	UDCon1	Combination		Diaph D1 Y	0.003312	0.001996	1.659	43	26.8	5	7
2F RF	UDCon2	Combination		Diaph D1 Y	0.003378	0.002037	1.658	43	26.8	5	7
2F RF	UDCon3	Combination	Max	Diaph D1 X	0.001402	0.000542	2.59	43	26.8	5	7
2F RF	UDCon3	Combination	Max	Diaph D1 Y	0.00276	0.001775	1.555	43	26.8	5	7
2F RF	UDCon3	Combination	Min	Diaph D1 X	0.001501	0.000643	2.335	11	7	19.6	7
2F RF	UDCon3	Combination	Min	Diaph D1 Y	0.002172	0.001187	1.83	43	26.8	5	7
2F RF	UDCon4	Combination	Max	Diaph D1 X	0.001366	0.000505	2.705	43	26.8	5	7
2F RF	UDCon4	Combination	Max	Diaph D1 Y	0.002761	0.001786	1.546	43	26.8	5	7
2F RF	UDCon4	Combination	Min	Diaph D1 X	0.001538	0.000679	2.264	11	7	19.6	7
2F RF	UDCon4	Combination	Min	Diaph D1 Y	0.002173	0.001199	1.813	43	26.8	5	7
2F RF	UDCon5	Combination	Max	Diaph D1 X	0.001403	0.000549	2.555	43	26.8	5	7
2F RF	UDCon5	Combination	Max	Diaph D1 Y	0.002777	0.001761	1.577	43	26.8	5	7
2F RF	UDCon5	Combination	Min	Diaph D1 X	0.001431	0.000581	2.463	11	7	19.6	7
2F RF	UDCon5	Combination	Min	Diaph D1 Y	0.002167	0.001207	1.795	43	26.8	5	7
2F RF	UDCon6	Combination	Max	Diaph D1 X	0.001312	0.000443	2.961	43	26.8	5	7
2F RF	UDCon6	Combination	Max	Diaph D1 Y	0.002766	0.001766	1.566	43	26.8	5	7
2F RF	UDCon6	Combination	Min	Diaph D1 X	0.001553	0.000687	2.259	11	7	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	UDCon6	Combination	Min	Diaph D1 Y	0.002156	0.001212	1.778	43	26.8	5	7
2F RF	UDCon7	Combination	Max	Diaph D1 X	0.001405	0.000549	2.559	43	26.8	5	7
2F RF	UDCon7	Combination	Max	Diaph D1 Y	0.002747	0.001766	1.555	43	26.8	5	7
2F RF	UDCon7	Combination	Min	Diaph D1 X	0.001489	0.000636	2.342	11	7	19.6	7
2F RF	UDCon7	Combination	Min	Diaph D1 Y	0.002159	0.001179	1.831	43	26.8	5	7
2F RF	UDCon8	Combination	Max	Diaph D1 X	0.001369	0.000513	2.67	43	26.8	5	7
2F RF	UDCon8	Combination	Max	Diaph D1 Y	0.002748	0.001778	1.545	43	26.8	5	7
2F RF	UDCon8	Combination	Min	Diaph D1 X	0.001526	0.000672	2.27	11	7	19.6	7
2F RF	UDCon8	Combination	Min	Diaph D1 Y	0.00216	0.001191	1.814	43	26.8	5	7
2F RF	UDCon9	Combination	Max	Diaph D1 X	0.001406	0.000557	2.525	43	26.8	5	7
2F RF	UDCon9	Combination	Max	Diaph D1 Y	0.002764	0.001753	1.577	43	26.8	5	7
2F RF	UDCon9	Combination	Min	Diaph D1 X	0.001419	0.000574	2.473	11	7	19.6	7
2F RF	UDCon9	Combination	Min	Diaph D1 Y	0.002154	0.001199	1.796	43	26.8	5	7
2F RF	UDCon10	Combination	Max	Diaph D1 X	0.001315	0.000451	2.917	43	26.8	5	7
2F RF	UDCon10	Combination	Max	Diaph D1 Y	0.002753	0.001758	1.566	43	26.8	5	7
2F RF	UDCon10	Combination	Min	Diaph D1 X	0.00154	0.00068	2.266	11	7	19.6	7
2F RF	UDCon10	Combination	Min	Diaph D1 Y	0.002143	0.001204	1.779	43	26.8	5	7
1F RF	Dead	LinStatic		Diaph D1 Y	0.002352	0.00089	2.642	55	22.6	8.45	3.5
1F RF	Live	LinStatic		Diaph D1 X	0.000278	6.6E-05	4.201	39	3.75	10	3.5
1F RF	Live	LinStatic		Diaph D1 Y	0.000163	2.6E-05	6.316	26	11.4	5	3.5
1F RF	FF	LinStatic		Diaph D1 Y	0.001913	0.000679	2.817	55	22.6	8.45	3.5
1F RF	PW	LinStatic		Diaph D1 Y	0.001826	0.000634	2.881	55	22.6	8.45	3.5
1F RF	Earthquake+x	LinStatic		Diaph D1 X	0.023155	0.011773	1.967	57	22.6	5.35	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	Earthquake+x	LinStatic		Diaph D1 Y	0.005314	0.001684	3.156	34	11.4	14.8	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 X	0.00504	0.00176	2.863	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Diaph D1 Y	0.025699	0.013077	1.965	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 X	0.035696	0.018046	1.978	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Diaph D1 Y	0.014331	0.007282	1.968	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 X	0.037588	0.018968	1.982	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Diaph D1 Y	0.012894	0.006562	1.965	35	11.4	10	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 X	0.035499	0.017953	1.977	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Diaph D1 Y	0.012706	0.00646	1.967	37	20.5	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 X	0.034305	0.017309	1.982	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Diaph D1 Y	0.011621	0.005925	1.961	37	20.5	14.8	3.5
1F RF	UDCon1	Combination		Diaph D1 Y	0.008223	0.002985	2.755	55	22.6	8.45	3.5
1F RF	UDCon2	Combination		Diaph D1 Y	0.008407	0.003056	2.751	55	22.6	8.45	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 X	0.036208	0.016782	2.158	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Max	Diaph D1 Y	0.015573	0.008297	1.877	34	11.4	14.8	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 X	0.037076	0.017669	2.098	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Min	Diaph D1 Y	0.013954	0.004721	2.956	35	11.4	10	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 X	0.038099	0.017724	2.15	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Max	Diaph D1 Y	0.014098	0.007558	1.865	34	11.4	14.8	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 X	0.035185	0.016745	2.101	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Min	Diaph D1 Y	0.015371	0.00542	2.836	35	11.4	10	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 X	0.03601	0.016683	2.158	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Max	Diaph D1 Y	0.01428	0.007664	1.863	37	20.5	14.8	3.5

Table 3.4 - Diaphragm Max Over Avg Drifts (continued)

Story	Output Case	Case Type	Step Type	Item	Max Drift	Avg Drift	Ratio	Label	Max Loc X m	Max Loc Y m	Max Loc Z m
1F RF	UDCon5	Combination	Min	Diaph D1 X	0.033793	0.016004	2.112	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Min	Diaph D1 Y	0.011848	0.00368	3.219	35	11.4	10	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 X	0.034816	0.016052	2.169	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Max	Diaph D1 Y	0.013194	0.007047	1.872	37	20.5	14.8	3.5
1F RF	UDCon6	Combination	Min	Diaph D1 X	0.034988	0.016646	2.102	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Min	Diaph D1 Y	0.011197	0.00348	3.218	35	11.4	10	3.5
1F RF	UDCon7	Combination	Max	Diaph D1 X	0.03621	0.016796	2.156	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Max	Diaph D1 Y	0.015575	0.008297	1.877	34	11.4	14.8	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 X	0.037074	0.017673	2.098	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Min	Diaph D1 Y	0.013952	0.004738	2.945	35	11.4	10	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 X	0.038101	0.017738	2.148	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Max	Diaph D1 Y	0.0141	0.007556	1.866	34	11.4	14.8	3.5
1F RF	UDCon8	Combination	Min	Diaph D1 X	0.035183	0.016748	2.101	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Min	Diaph D1 Y	0.015368	0.005437	2.827	35	11.4	10	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 X	0.036013	0.016698	2.157	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Max	Diaph D1 Y	0.01427	0.007657	1.864	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Min	Diaph D1 X	0.033791	0.016007	2.111	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Min	Diaph D1 Y	0.011846	0.003697	3.204	35	11.4	10	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 X	0.034818	0.016067	2.167	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Max	Diaph D1 Y	0.013185	0.007047	1.871	37	20.5	14.8	3.5
1F RF	UDCon10	Combination	Min	Diaph D1 X	0.034986	0.016649	2.101	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Min	Diaph D1 Y	0.011194	0.003497	3.201	35	11.4	10	3.5

Table 3.5 - Diaphragm Accelerations

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm/sec2	UY mm/sec2	UZ mm/sec2	RX rad/sec2	RY rad/sec2	RZ rad/sec2
14	D1	TH-X Load Case	LinModHist	Max	2258.1	866.3	215.99	0.027	0.03	0.042
14	D1	TH-X Load Case	LinModHist	Min	-1681.13	-759.83	-201.25	-0.023	-0.023	-0.051
14	D1	TH-Y Load Case	LinModHist	Max	1848.01	916.72	199.97	0.025	0.027	0.047
14	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-950.15	-202.4	-0.026	-0.021	-0.05
13	D1	TH-X Load Case	LinModHist	Max	2258.1	813.05	217.5	0.027	0.03	0.042
13	D1	TH-X Load Case	LinModHist	Min	-1681.13	-739.2	-200.47	-0.023	-0.023	-0.05
13	D1	TH-Y Load Case	LinModHist	Max	1848.01	888.62	201.14	0.025	0.027	0.046
13	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-916.58	-204.2	-0.026	-0.021	-0.05
12F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	759.5	218.04	0.027	0.03	0.041
12F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-720.58	-198.75	-0.024	-0.023	-0.049
12F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	860.17	201.71	0.026	0.027	0.046
12F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-882.66	-205.26	-0.026	-0.021	-0.051
11F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	706	216.96	0.027	0.031	0.041
11F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-702.08	-195.87	-0.024	-0.023	-0.048
11F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	831.48	201.24	0.026	0.028	0.045
11F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-848.54	-204.93	-0.026	-0.021	-0.051
10F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	656.89	213.92	0.027	0.031	0.041
10F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-683.87	-196.58	-0.024	-0.022	-0.048
10F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	802.77	199.45	0.026	0.028	0.044
10F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-814.5	-202.85	-0.027	-0.021	-0.052
9F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	657.38	208.7	0.026	0.031	0.042
9F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-666.11	-195.86	-0.024	-0.022	-0.047
9F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	774.29	196.14	0.026	0.027	0.043
9F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-780.8	-198.76	-0.027	-0.02	-0.053
8F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	701.5	201.21	0.025	0.03	0.043
8F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-665.98	-192.64	-0.024	-0.021	-0.047
8F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	777.77	191.12	0.025	0.026	0.042
8F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-761.87	-192.52	-0.027	-0.02	-0.053
7F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	743.78	191.49	0.024	0.029	0.043
7F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-665.77	-186.5	-0.023	-0.019	-0.046
7F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	786.8	184.32	0.025	0.025	0.041
7F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-749.88	-184.09	-0.026	-0.021	-0.054
6F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	783.77	181.34	0.023	0.028	0.044
6F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-665.33	-177.17	-0.022	-0.018	-0.046
6F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	795.25	175.66	0.024	0.024	0.041
6F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-766.32	-173.51	-0.025	-0.021	-0.054
5F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	821.04	170.66	0.021	0.026	0.044
5F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-671.62	-164.54	-0.02	-0.017	-0.045
5F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	807.85	165.09	0.023	0.023	0.04
5F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-781.84	-160.83	-0.023	-0.02	-0.054
4F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	855.24	158.76	0.019	0.024	0.044
4F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-703.98	-148.63	-0.019	-0.016	-0.044
4F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	826.18	152.49	0.021	0.022	0.04
4F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-795.83	-146.12	-0.021	-0.019	-0.055
3F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	886.19	146.24	0.017	0.022	0.044

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
3F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-733.78	-129.55	-0.016	-0.015	-0.044
3F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	842.72	137.55	0.018	0.02	0.04
3F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-808.21	-131.06	-0.018	-0.018	-0.055
2F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	882.66	134.07	0.016	0.024	0.045
2F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-729.19	-118.06	-0.014	-0.028	-0.045
2F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	857.87	119.91	0.016	0.02	0.04
2F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-819.53	-120.95	-0.015	-0.022	-0.055
1F RF	D1	TH-X Load Case	LinModHist	Max	2258.1	907.59	120.54	0.017	0.072	0.045
1F RF	D1	TH-X Load Case	LinModHist	Min	-1681.13	-751.63	-105.61	-0.014	-0.1	-0.048
1F RF	D1	TH-Y Load Case	LinModHist	Max	1848.01	871.18	107.57	0.014	0.075	0.042
1F RF	D1	TH-Y Load Case	LinModHist	Min	-1752.89	-829.27	-109.01	-0.015	-0.082	-0.06
Base	D1	TH-X Load Case	LinModHist	Max	1200.3	525.95	5.72	0.019	0.059	0.094
Base	D1	TH-X Load Case	LinModHist	Min	-872.16	-496.72	-5.53	-0.032	-0.089	-0.113
Base	D1	TH-Y Load Case	LinModHist	Max	824.44	640.29	5.05	0.023	0.064	0.089
Base	D1	TH-Y Load Case	LinModHist	Min	-1005.07	-619.09	-4.98	-0.021	-0.075	-0.109

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	19.099	9.444	2.022
14	Dead	LinStatic		Y	42.268	27.238	1.552
13	Dead	LinStatic		X	17.112	8.338	2.052
13	Dead	LinStatic		Y	38.708	25.046	1.546
12F RF	Dead	LinStatic		X	15.154	7.244	2.092
12F RF	Dead	LinStatic		Y	35.154	22.832	1.54
11F RF	Dead	LinStatic		X	13.24	6.18	2.143
11F RF	Dead	LinStatic		Y	31.617	20.613	1.534
10F RF	Dead	LinStatic		X	11.385	5.158	2.207
10F RF	Dead	LinStatic		Y	28.113	18.396	1.528
9F RF	Dead	LinStatic		X	9.603	4.193	2.29
9F RF	Dead	LinStatic		Y	24.655	16.191	1.523
8F RF	Dead	LinStatic		X	7.907	3.294	2.4
8F RF	Dead	LinStatic		Y	21.276	14.015	1.518
7F RF	Dead	LinStatic		X	6.318	2.465	2.563
7F RF	Dead	LinStatic		Y	18.053	11.907	1.516
6F RF	Dead	LinStatic		X	4.963	1.742	2.85
6F RF	Dead	LinStatic		Y	14.977	9.866	1.518
5F RF	Dead	LinStatic		X	3.803	1.125	3.381
5F RF	Dead	LinStatic		Y	12.084	7.911	1.527
4F RF	Dead	LinStatic		X	2.847	0.615	4.628
4F RF	Dead	LinStatic		Y	9.414	6.065	1.552
3F RF	Dead	LinStatic		Y	6.803	4.239	1.605
2F RF	Dead	LinStatic		Y	4.415	2.505	1.762
1F RF	Dead	LinStatic		X	2.049	0.74	2.767

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	Dead	LinStatic		Y	2.481	0.99	2.505
Base	Dead	LinStatic		X	2.006	1.907	1.052
Base	Dead	LinStatic		Y	3.639	3.51	1.037
14	Live	LinStatic		X	2.35	1.852	1.269
14	Live	LinStatic		Y	2.265	1.488	1.522
13	Live	LinStatic		X	2.122	1.674	1.268
13	Live	LinStatic		Y	2.066	1.365	1.513
12F RF	Live	LinStatic		X	1.897	1.497	1.267
12F RF	Live	LinStatic		Y	1.868	1.242	1.504
11F RF	Live	LinStatic		X	1.678	1.325	1.267
11F RF	Live	LinStatic		Y	1.672	1.118	1.495
10F RF	Live	LinStatic		X	1.464	1.156	1.266
10F RF	Live	LinStatic		Y	1.478	0.995	1.486
9F RF	Live	LinStatic		X	1.258	0.994	1.266
9F RF	Live	LinStatic		Y	1.289	0.873	1.476
8F RF	Live	LinStatic		X	1.061	0.838	1.267
8F RF	Live	LinStatic		Y	1.105	0.753	1.467
7F RF	Live	LinStatic		X	0.877	0.691	1.27
7F RF	Live	LinStatic		Y	0.928	0.636	1.458
6F RF	Live	LinStatic		X	0.708	0.554	1.278
6F RF	Live	LinStatic		Y	0.763	0.525	1.453
5F RF	Live	LinStatic		X	0.553	0.426	1.297
5F RF	Live	LinStatic		Y	0.61	0.42	1.453
4F RF	Live	LinStatic		X	0.415	0.31	1.341
4F RF	Live	LinStatic		Y	0.469	0.32	1.467
3F RF	Live	LinStatic		X	0.295	0.205	1.437
3F RF	Live	LinStatic		Y	0.332	0.221	1.503
2F RF	Live	LinStatic		X	0.168	0.107	1.575
2F RF	Live	LinStatic		Y	0.204	0.125	1.631
1F RF	Live	LinStatic		X	0.07	0.011	6.64
1F RF	Live	LinStatic		Y	0.112	0.046	2.456
Base	Live	LinStatic		X	0.18	0.161	1.12
Base	Live	LinStatic		Y	0.202	0.179	1.126
14	FF	LinStatic		X	12.48	5.267	2.369
14	FF	LinStatic		Y	33.042	21.8	1.516
13	FF	LinStatic		X	11.152	4.587	2.431
13	FF	LinStatic		Y	30.282	20.049	1.51
12F RF	FF	LinStatic		X	9.841	3.916	2.513
12F RF	FF	LinStatic		Y	27.521	18.281	1.505
11F RF	FF	LinStatic		X	8.559	3.264	2.622
11F RF	FF	LinStatic		Y	24.77	16.506	1.501
10F RF	FF	LinStatic		X	7.316	2.641	2.77
10F RF	FF	LinStatic		Y	22.039	14.731	1.496
9F RF	FF	LinStatic		X	6.122	2.056	2.978
9F RF	FF	LinStatic		Y	19.339	12.963	1.492

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
8F RF	FF	LinStatic		X	4.987	1.516	3.29
8F RF	FF	LinStatic		Y	16.724	11.231	1.489
7F RF	FF	LinStatic		X	3.962	1.049	3.776
7F RF	FF	LinStatic		Y	14.201	9.537	1.489
6F RF	FF	LinStatic		Y	11.789	7.896	1.493
5F RF	FF	LinStatic		Y	9.518	6.323	1.505
4F RF	FF	LinStatic		Y	7.419	4.836	1.534
3F RF	FF	LinStatic		Y	5.36	3.363	1.594
2F RF	FF	LinStatic		X	1.487	0.388	3.829
2F RF	FF	LinStatic		Y	3.476	1.965	1.769
1F RF	FF	LinStatic		X	1.825	0.748	2.439
1F RF	FF	LinStatic		Y	1.921	0.73	2.631
Base	FF	LinStatic		X	1.456	1.4	1.04
Base	FF	LinStatic		Y	3.215	3.138	1.025
14	PW	LinStatic		X	10.699	3.862	2.771
14	PW	LinStatic		Y	31.053	20.395	1.523
13	PW	LinStatic		X	9.544	3.317	2.878
13	PW	LinStatic		Y	28.468	18.762	1.517
12F RF	PW	LinStatic		X	8.404	2.779	3.024
12F RF	PW	LinStatic		Y	25.882	17.112	1.513
11F RF	PW	LinStatic		X	7.287	2.257	3.228
11F RF	PW	LinStatic		Y	23.303	15.454	1.508
10F RF	PW	LinStatic		X	6.205	1.761	3.523
10F RF	PW	LinStatic		Y	20.74	13.795	1.503
9F RF	PW	LinStatic		X	5.168	1.299	3.98
9F RF	PW	LinStatic		Y	18.206	12.141	1.5
8F RF	PW	LinStatic		Y	15.753	10.521	1.497
7F RF	PW	LinStatic		Y	13.382	8.935	1.498
6F RF	PW	LinStatic		Y	11.114	7.397	1.502
5F RF	PW	LinStatic		Y	8.977	5.922	1.516
4F RF	PW	LinStatic		Y	7.002	4.528	1.547
3F RF	PW	LinStatic		Y	5.062	3.145	1.61
2F RF	PW	LinStatic		X	1.532	0.476	3.217
2F RF	PW	LinStatic		Y	3.289	1.833	1.794
1F RF	PW	LinStatic		X	1.795	0.761	2.359
1F RF	PW	LinStatic		Y	1.816	0.671	2.708
Base	PW	LinStatic		X	1.329	1.286	1.034
Base	PW	LinStatic		Y	3.133	3.07	1.02
14	Earthquake+x	LinStatic		X	219.793	179.33	1.226
14	Earthquake+x	LinStatic		Y	87.077	23.263	3.743
13	Earthquake+x	LinStatic		X	217.142	177.02	1.227
13	Earthquake+x	LinStatic		Y	86.053	22.798	3.775
12F RF	Earthquake+x	LinStatic		X	214.435	174.655	1.228
12F RF	Earthquake+x	LinStatic		Y	85.03	22.332	3.807
11F RF	Earthquake+x	LinStatic		X	211.677	172.238	1.229

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
11F RF	Earthquake+x	LinStatic		Y	84.013	21.868	3.842
10F RF	Earthquake+x	LinStatic		X	208.879	169.778	1.23
10F RF	Earthquake+x	LinStatic		Y	83.006	21.409	3.877
9F RF	Earthquake+x	LinStatic		X	206.057	167.288	1.232
9F RF	Earthquake+x	LinStatic		Y	82.015	20.954	3.914
8F RF	Earthquake+x	LinStatic		X	203.23	164.785	1.233
8F RF	Earthquake+x	LinStatic		Y	81.046	20.508	3.952
7F RF	Earthquake+x	LinStatic		X	200.419	162.288	1.235
7F RF	Earthquake+x	LinStatic		Y	80.106	20.07	3.991
6F RF	Earthquake+x	LinStatic		X	197.653	159.821	1.237
6F RF	Earthquake+x	LinStatic		Y	79.202	19.644	4.032
5F RF	Earthquake+x	LinStatic		X	194.961	157.411	1.239
5F RF	Earthquake+x	LinStatic		Y	78.344	19.231	4.074
4F RF	Earthquake+x	LinStatic		X	192.377	155.089	1.24
4F RF	Earthquake+x	LinStatic		Y	77.541	18.837	4.116
3F RF	Earthquake+x	LinStatic		X	189.942	152.879	1.242
3F RF	Earthquake+x	LinStatic		Y	76.804	18.462	4.16
2F RF	Earthquake+x	LinStatic		X	187.705	150.78	1.245
2F RF	Earthquake+x	LinStatic		Y	76.145	18.127	4.201
1F RF	Earthquake+x	LinStatic		X	185.691	148.866	1.247
1F RF	Earthquake+x	LinStatic		Y	75.634	17.805	4.248
Base	Earthquake+x	LinStatic		X	119.706	119.05	1.006
14	Earthquake+y	LinStatic		Y	253.941	198.35	1.28
13	Earthquake+y	LinStatic		Y	251.279	195.72	1.284
12F RF	Earthquake+y	LinStatic		Y	248.604	193.073	1.288
11F RF	Earthquake+y	LinStatic		Y	245.927	190.417	1.292
10F RF	Earthquake+y	LinStatic		Y	243.257	187.762	1.296
9F RF	Earthquake+y	LinStatic		Y	240.606	185.122	1.3
8F RF	Earthquake+y	LinStatic		Y	237.989	182.51	1.304
7F RF	Earthquake+y	LinStatic		Y	235.422	179.942	1.308
6F RF	Earthquake+y	LinStatic		Y	232.918	177.435	1.313
5F RF	Earthquake+y	LinStatic		Y	230.492	175.001	1.317
4F RF	Earthquake+y	LinStatic		Y	228.162	172.665	1.321
3F RF	Earthquake+y	LinStatic		Y	225.931	170.421	1.326
2F RF	Earthquake+y	LinStatic		Y	223.827	168.344	1.33
1F RF	Earthquake+y	LinStatic		Y	221.801	166.358	1.333
Base	Earthquake+y	LinStatic		Y	132.33	129.331	1.023
14	TH-X Load Case	LinModHist	Max	X	214.31	208.32	1.029
14	TH-X Load Case	LinModHist	Max	Y	146.13	123.467	1.184
13	TH-X Load Case	LinModHist	Max	X	211.931	206.147	1.028
13	TH-X Load Case	LinModHist	Max	Y	145.535	122.605	1.187
12F RF	TH-X Load Case	LinModHist	Max	X	209.503	203.919	1.027
12F RF	TH-X Load Case	LinModHist	Max	Y	144.934	121.734	1.191
11F RF	TH-X Load Case	LinModHist	Max	X	207.023	201.635	1.027
11F RF	TH-X Load Case	LinModHist	Max	Y	144.327	120.856	1.194

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	TH-X Load Case	LinModHist	Max	X	204.498	199.301	1.026
10F RF	TH-X Load Case	LinModHist	Max	Y	143.715	119.972	1.198
9F RF	TH-X Load Case	LinModHist	Max	X	201.936	196.924	1.025
9F RF	TH-X Load Case	LinModHist	Max	Y	143.099	119.084	1.202
8F RF	TH-X Load Case	LinModHist	Max	X	199.353	194.518	1.025
8F RF	TH-X Load Case	LinModHist	Max	Y	142.481	118.196	1.205
7F RF	TH-X Load Case	LinModHist	Max	X	196.766	192.097	1.024
7F RF	TH-X Load Case	LinModHist	Max	Y	141.863	117.31	1.209
6F RF	TH-X Load Case	LinModHist	Max	X	194.196	189.683	1.024
6F RF	TH-X Load Case	LinModHist	Max	Y	141.249	116.434	1.213
5F RF	TH-X Load Case	LinModHist	Max	X	191.67	187.299	1.023
5F RF	TH-X Load Case	LinModHist	Max	Y	140.639	115.564	1.217
4F RF	TH-X Load Case	LinModHist	Max	X	189.22	184.974	1.023
4F RF	TH-X Load Case	LinModHist	Max	Y	140.037	114.718	1.221
3F RF	TH-X Load Case	LinModHist	Max	X	186.884	182.735	1.023
3F RF	TH-X Load Case	LinModHist	Max	Y	139.444	113.795	1.225
2F RF	TH-X Load Case	LinModHist	Max	X	184.711	180.558	1.023
2F RF	TH-X Load Case	LinModHist	Max	Y	138.862	113.064	1.228
1F RF	TH-X Load Case	LinModHist	Max	X	182.732	178.525	1.024
1F RF	TH-X Load Case	LinModHist	Max	Y	138.29	111.897	1.236
Base	TH-X Load Case	LinModHist	Max	X	159.442	156.691	1.018
Base	TH-X Load Case	LinModHist	Max	Y	79.367	79.175	1.002
14	TH-X Load Case	LinModHist	Min	X	208.031	203.085	1.024
14	TH-X Load Case	LinModHist	Min	Y	149.975	123.199	1.217
13	TH-X Load Case	LinModHist	Min	X	205.677	201.068	1.023
13	TH-X Load Case	LinModHist	Min	Y	149.777	122.562	1.222
12F RF	TH-X Load Case	LinModHist	Min	X	203.615	199.172	1.022
12F RF	TH-X Load Case	LinModHist	Min	Y	149.572	121.917	1.227
11F RF	TH-X Load Case	LinModHist	Min	X	201.843	197.397	1.023
11F RF	TH-X Load Case	LinModHist	Min	Y	149.36	121.264	1.232
10F RF	TH-X Load Case	LinModHist	Min	X	200.018	195.571	1.023
10F RF	TH-X Load Case	LinModHist	Min	Y	149.141	120.605	1.237
9F RF	TH-X Load Case	LinModHist	Min	X	198.264	193.756	1.023
9F RF	TH-X Load Case	LinModHist	Min	Y	148.916	119.94	1.242
8F RF	TH-X Load Case	LinModHist	Min	X	196.653	191.994	1.024
8F RF	TH-X Load Case	LinModHist	Min	Y	148.88	119.373	1.247
7F RF	TH-X Load Case	LinModHist	Min	X	194.999	190.227	1.025
7F RF	TH-X Load Case	LinModHist	Min	Y	149.009	118.883	1.253
6F RF	TH-X Load Case	LinModHist	Min	X	193.313	188.46	1.026
6F RF	TH-X Load Case	LinModHist	Min	Y	149.112	118.402	1.259
5F RF	TH-X Load Case	LinModHist	Min	X	191.611	186.681	1.026
5F RF	TH-X Load Case	LinModHist	Min	Y	149.187	117.885	1.266
4F RF	TH-X Load Case	LinModHist	Min	X	189.915	184.916	1.027
4F RF	TH-X Load Case	LinModHist	Min	Y	149.231	117.414	1.271
3F RF	TH-X Load Case	LinModHist	Min	X	188.252	183.19	1.028

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
3F RF	TH-X Load Case	LinModHist	Min	Y	149.241	116.835	1.277
2F RF	TH-X Load Case	LinModHist	Min	X	186.662	181.491	1.028
2F RF	TH-X Load Case	LinModHist	Min	Y	149.214	116.428	1.282
1F RF	TH-X Load Case	LinModHist	Min	X	185.141	179.734	1.03
1F RF	TH-X Load Case	LinModHist	Min	Y	149.148	115.585	1.29
Base	TH-X Load Case	LinModHist	Min	X	162.195	158.384	1.024
Base	TH-X Load Case	LinModHist	Min	Y	75.133	74.775	1.005
14	TH-Y Load Case	LinModHist	Max	X	243.983	222.384	1.097
14	TH-Y Load Case	LinModHist	Max	Y	130.759	107.652	1.215
13	TH-Y Load Case	LinModHist	Max	X	241.861	220.362	1.098
13	TH-Y Load Case	LinModHist	Max	Y	129.39	106.448	1.216
12F RF	TH-Y Load Case	LinModHist	Max	X	239.691	218.286	1.098
12F RF	TH-Y Load Case	LinModHist	Max	Y	128.006	105.233	1.216
11F RF	TH-Y Load Case	LinModHist	Max	X	237.471	216.156	1.099
11F RF	TH-Y Load Case	LinModHist	Max	Y	126.61	104.012	1.217
10F RF	TH-Y Load Case	LinModHist	Max	X	235.203	213.973	1.099
10F RF	TH-Y Load Case	LinModHist	Max	Y	125.206	102.787	1.218
9F RF	TH-Y Load Case	LinModHist	Max	X	232.892	211.744	1.1
9F RF	TH-Y Load Case	LinModHist	Max	Y	123.8	101.566	1.219
8F RF	TH-Y Load Case	LinModHist	Max	X	230.548	209.479	1.101
8F RF	TH-Y Load Case	LinModHist	Max	Y	122.4	100.354	1.22
7F RF	TH-Y Load Case	LinModHist	Max	X	228.184	207.19	1.101
7F RF	TH-Y Load Case	LinModHist	Max	Y	121.013	99.159	1.22
6F RF	TH-Y Load Case	LinModHist	Max	X	225.817	204.896	1.102
6F RF	TH-Y Load Case	LinModHist	Max	Y	119.649	97.989	1.221
5F RF	TH-Y Load Case	LinModHist	Max	X	223.471	202.619	1.103
5F RF	TH-Y Load Case	LinModHist	Max	Y	118.314	97.022	1.219
4F RF	TH-Y Load Case	LinModHist	Max	X	221.174	200.386	1.104
4F RF	TH-Y Load Case	LinModHist	Max	Y	117.019	96.085	1.218
3F RF	TH-Y Load Case	LinModHist	Max	X	218.964	198.221	1.105
3F RF	TH-Y Load Case	LinModHist	Max	Y	115.767	95.164	1.217
2F RF	TH-Y Load Case	LinModHist	Max	X	216.891	196.105	1.106
2F RF	TH-Y Load Case	LinModHist	Max	Y	114.574	94.289	1.215
1F RF	TH-Y Load Case	LinModHist	Max	X	214.981	194.116	1.107
1F RF	TH-Y Load Case	LinModHist	Max	Y	113.57	93.36	1.216
Base	TH-Y Load Case	LinModHist	Max	X	160.514	158.219	1.015
Base	TH-Y Load Case	LinModHist	Max	Y	81.276	79.921	1.017
14	TH-Y Load Case	LinModHist	Min	X	195.797	184.926	1.059
14	TH-Y Load Case	LinModHist	Min	Y	128.923	107.668	1.197
13	TH-Y Load Case	LinModHist	Min	X	194.031	183.154	1.059
13	TH-Y Load Case	LinModHist	Min	Y	128.671	107.08	1.202
12F RF	TH-Y Load Case	LinModHist	Min	X	192.223	181.336	1.06
12F RF	TH-Y Load Case	LinModHist	Min	Y	128.413	106.487	1.206
11F RF	TH-Y Load Case	LinModHist	Min	X	190.373	179.473	1.061
11F RF	TH-Y Load Case	LinModHist	Min	Y	128.15	105.89	1.21

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
10F RF	TH-Y Load Case	LinModHist	Min	X	188.488	177.57	1.061
10F RF	TH-Y Load Case	LinModHist	Min	Y	127.884	105.29	1.215
9F RF	TH-Y Load Case	LinModHist	Min	X	186.57	175.632	1.062
9F RF	TH-Y Load Case	LinModHist	Min	Y	127.616	104.689	1.219
8F RF	TH-Y Load Case	LinModHist	Min	X	184.629	173.668	1.063
8F RF	TH-Y Load Case	LinModHist	Min	Y	127.348	104.091	1.223
7F RF	TH-Y Load Case	LinModHist	Min	X	182.678	171.706	1.064
7F RF	TH-Y Load Case	LinModHist	Min	Y	127.081	103.689	1.226
6F RF	TH-Y Load Case	LinModHist	Min	X	180.732	169.787	1.064
6F RF	TH-Y Load Case	LinModHist	Min	Y	127.182	103.608	1.228
5F RF	TH-Y Load Case	LinModHist	Min	X	178.812	167.889	1.065
5F RF	TH-Y Load Case	LinModHist	Min	Y	127.281	103.519	1.23
4F RF	TH-Y Load Case	LinModHist	Min	X	176.942	166.037	1.066
4F RF	TH-Y Load Case	LinModHist	Min	Y	127.361	103.418	1.232
3F RF	TH-Y Load Case	LinModHist	Min	X	175.151	164.259	1.066
3F RF	TH-Y Load Case	LinModHist	Min	Y	127.423	103.288	1.234
2F RF	TH-Y Load Case	LinModHist	Min	X	173.483	162.551	1.067
2F RF	TH-Y Load Case	LinModHist	Min	Y	127.461	103.148	1.236
1F RF	TH-Y Load Case	LinModHist	Min	X	171.97	160.868	1.069
1F RF	TH-Y Load Case	LinModHist	Min	Y	127.479	102.821	1.24
Base	TH-Y Load Case	LinModHist	Min	X	141.652	137.771	1.028
Base	TH-Y Load Case	LinModHist	Min	Y	74.702	74.481	1.003
14	UDCon1	Combination		X	57.075	25.073	2.276
14	UDCon1	Combination		Y	143.59	93.734	1.532
13	UDCon1	Combination		X	51.042	21.927	2.328
13	UDCon1	Combination		Y	131.57	86.206	1.526
12F RF	UDCon1	Combination		X	45.089	18.818	2.396
12F RF	UDCon1	Combination		Y	119.552	78.604	1.521
11F RF	UDCon1	Combination		X	39.266	15.796	2.486
11F RF	UDCon1	Combination		Y	107.581	70.973	1.516
10F RF	UDCon1	Combination		X	33.623	12.906	2.605
10F RF	UDCon1	Combination		Y	95.705	63.345	1.511
9F RF	UDCon1	Combination		X	28.205	10.189	2.768
9F RF	UDCon1	Combination		Y	83.97	55.749	1.506
8F RF	UDCon1	Combination		X	23.052	7.676	3.003
8F RF	UDCon1	Combination		Y	72.568	48.285	1.503
7F RF	UDCon1	Combination		X	18.315	5.449	3.361
7F RF	UDCon1	Combination		Y	61.607	41.012	1.502
6F RF	UDCon1	Combination		X	14.299	3.501	4.084
6F RF	UDCon1	Combination		Y	51.138	33.964	1.506
5F RF	UDCon1	Combination		Y	41.281	27.212	1.517
4F RF	UDCon1	Combination		Y	32.179	20.829	1.545
3F RF	UDCon1	Combination		Y	23.253	14.509	1.603
2F RF	UDCon1	Combination		X	6.143	1.403	4.38
2F RF	UDCon1	Combination		Y	15.093	8.51	1.774

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
1F RF	UDCon1	Combination		X	7.654	3.037	2.52
1F RF	UDCon1	Combination		Y	8.394	3.228	2.6
Base	UDCon1	Combination		X	6.469	6.202	1.043
Base	UDCon1	Combination		Y	13.482	13.121	1.028
14	UDCon2	Combination		X	60.6	27.852	2.176
14	UDCon2	Combination		Y	146.988	95.967	1.532
13	UDCon2	Combination		X	54.225	24.438	2.219
13	UDCon2	Combination		Y	134.668	88.254	1.526
12F RF	UDCon2	Combination		X	47.935	21.064	2.276
12F RF	UDCon2	Combination		Y	122.352	80.466	1.521
11F RF	UDCon2	Combination		X	41.782	17.783	2.35
11F RF	UDCon2	Combination		Y	110.087	72.649	1.515
10F RF	UDCon2	Combination		X	35.819	14.642	2.446
10F RF	UDCon2	Combination		Y	97.921	64.837	1.51
9F RF	UDCon2	Combination		X	30.093	11.681	2.576
9F RF	UDCon2	Combination		Y	85.903	57.059	1.506
8F RF	UDCon2	Combination		X	24.644	8.935	2.758
8F RF	UDCon2	Combination		Y	74.219	49.412	1.502
7F RF	UDCon2	Combination		X	19.63	6.485	3.027
7F RF	UDCon2	Combination		Y	62.998	41.966	1.501
6F RF	UDCon2	Combination		X	15.36	4.332	3.546
6F RF	UDCon2	Combination		Y	52.283	34.752	1.504
5F RF	UDCon2	Combination		Y	42.195	27.842	1.516
4F RF	UDCon2	Combination		Y	32.882	21.309	1.543
3F RF	UDCon2	Combination		Y	23.751	14.84	1.601
2F RF	UDCon2	Combination		X	6.063	1.236	4.904
2F RF	UDCon2	Combination		Y	15.398	8.697	1.77
1F RF	UDCon2	Combination		X	7.727	3.021	2.557
1F RF	UDCon2	Combination		Y	8.562	3.296	2.597
Base	UDCon2	Combination		X	6.74	6.443	1.046
Base	UDCon2	Combination		Y	13.785	13.389	1.03
14	UDCon3	Combination	Max	X	207.128	189.207	1.095
14	UDCon3	Combination	Max	Y	213.216	193.741	1.101
13	UDCon3	Combination	Max	X	205.413	189.42	1.084
13	UDCon3	Combination	Max	Y	203.414	186.071	1.093
12F RF	UDCon3	Combination	Max	X	203.643	189.549	1.074
12F RF	UDCon3	Combination	Max	Y	193.602	178.361	1.085
11F RF	UDCon3	Combination	Max	X	201.778	189.556	1.064
11F RF	UDCon3	Combination	Max	Y	183.817	170.641	1.077
10F RF	UDCon3	Combination	Max	X	199.793	189.413	1.055
10F RF	UDCon3	Combination	Max	Y	174.095	162.718	1.07
9F RF	UDCon3	Combination	Max	X	197.669	189.098	1.045
9F RF	UDCon3	Combination	Max	Y	164.474	154.4	1.065
8F RF	UDCon3	Combination	Max	X	195.397	188.599	1.036
8F RF	UDCon3	Combination	Max	Y	161.099	149.098	1.08

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon3	Combination	Max	X	192.98	187.916	1.027
7F RF	UDCon3	Combination	Max	Y	157.81	143.75	1.098
6F RF	UDCon3	Combination	Max	X	190.564	186.934	1.019
6F RF	UDCon3	Combination	Max	Y	154.466	138.47	1.116
5F RF	UDCon3	Combination	Max	X	188.225	185.781	1.013
5F RF	UDCon3	Combination	Max	Y	151.115	133.33	1.133
4F RF	UDCon3	Combination	Max	X	185.91	184.354	1.008
4F RF	UDCon3	Combination	Max	Y	147.885	128.344	1.152
3F RF	UDCon3	Combination	Max	X	185.302	183.295	1.011
3F RF	UDCon3	Combination	Max	Y	144.846	123.329	1.174
2F RF	UDCon3	Combination	Max	X	185.106	182.282	1.015
2F RF	UDCon3	Combination	Max	Y	141.6	118.321	1.197
1F RF	UDCon3	Combination	Max	X	184.184	179.896	1.024
1F RF	UDCon3	Combination	Max	Y	137.942	113.585	1.214
Base	UDCon3	Combination	Max	X	163.907	161.346	1.016
Base	UDCon3	Combination	Max	Y	89.414	88.951	1.005
14	UDCon3	Combination	Min	X	250.954	226.593	1.108
14	UDCon3	Combination	Min	Y	117.257	59.531	1.97
13	UDCon3	Combination	Min	X	244.044	222.182	1.098
13	UDCon3	Combination	Min	Y	119.321	64.297	1.856
12F RF	UDCon3	Combination	Min	X	237.143	217.745	1.089
12F RF	UDCon3	Combination	Min	Y	121.49	68.945	1.762
11F RF	UDCon3	Combination	Min	X	230.29	213.323	1.08
11F RF	UDCon3	Combination	Min	Y	123.731	73.401	1.686
10F RF	UDCon3	Combination	Min	X	223.531	208.952	1.07
10F RF	UDCon3	Combination	Min	Y	126.029	77.86	1.619
9F RF	UDCon3	Combination	Min	X	216.91	204.743	1.059
9F RF	UDCon3	Combination	Min	Y	128.379	82.299	1.56
8F RF	UDCon3	Combination	Min	X	210.534	200.769	1.049
8F RF	UDCon3	Combination	Min	Y	130.965	86.8	1.509
7F RF	UDCon3	Combination	Min	X	204.51	196.844	1.039
7F RF	UDCon3	Combination	Min	Y	133.762	91.311	1.465
6F RF	UDCon3	Combination	Min	X	198.941	192.435	1.034
6F RF	UDCon3	Combination	Min	Y	136.565	95.728	1.427
5F RF	UDCon3	Combination	Min	X	193.895	188.396	1.029
5F RF	UDCon3	Combination	Min	Y	139.354	99.936	1.394
4F RF	UDCon3	Combination	Min	X	189.427	184.75	1.025
4F RF	UDCon3	Combination	Min	Y	142.124	104.057	1.366
3F RF	UDCon3	Combination	Min	X	185.582	181.464	1.023
3F RF	UDCon3	Combination	Min	Y	144.895	107.686	1.346
2F RF	UDCon3	Combination	Min	X	183.118	178.989	1.023
2F RF	UDCon3	Combination	Min	Y	147.728	111.723	1.322
1F RF	UDCon3	Combination	Min	X	182.804	176.67	1.035
1F RF	UDCon3	Combination	Min	Y	150.301	114.228	1.316
Base	UDCon3	Combination	Min	X	157.736	153.731	1.026

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon3	Combination	Min	Y	65.635	65.002	1.01
14	UDCon4	Combination	Max	X	211.683	188.336	1.124
14	UDCon4	Combination	Max	Y	219.607	188.142	1.167
13	UDCon4	Combination	Max	X	210.232	188.693	1.114
13	UDCon4	Combination	Max	Y	209.716	180.295	1.163
12F RF	UDCon4	Combination	Max	X	208.731	188.969	1.105
12F RF	UDCon4	Combination	Max	Y	199.817	172.406	1.159
11F RF	UDCon4	Combination	Max	X	207.142	189.127	1.095
11F RF	UDCon4	Combination	Max	Y	189.944	164.51	1.155
10F RF	UDCon4	Combination	Max	X	205.434	189.137	1.086
10F RF	UDCon4	Combination	Max	Y	180.137	156.928	1.148
9F RF	UDCon4	Combination	Max	X	203.734	189.051	1.078
9F RF	UDCon4	Combination	Max	Y	170.436	149.619	1.139
8F RF	UDCon4	Combination	Max	X	202.041	188.863	1.07
8F RF	UDCon4	Combination	Max	Y	167.536	145.894	1.148
7F RF	UDCon4	Combination	Max	X	200.181	188.482	1.062
7F RF	UDCon4	Combination	Max	Y	164.994	142.364	1.159
6F RF	UDCon4	Combination	Max	X	198.329	187.831	1.056
6F RF	UDCon4	Combination	Max	Y	162.369	138.127	1.176
5F RF	UDCon4	Combination	Max	X	196.501	186.968	1.051
5F RF	UDCon4	Combination	Max	Y	159.703	133.634	1.195
4F RF	UDCon4	Combination	Max	X	194.638	185.88	1.047
4F RF	UDCon4	Combination	Max	Y	157.119	129.355	1.215
3F RF	UDCon4	Combination	Max	X	192.621	184.498	1.044
3F RF	UDCon4	Combination	Max	Y	154.679	125.359	1.234
2F RF	UDCon4	Combination	Max	X	191.197	183.74	1.041
2F RF	UDCon4	Combination	Max	Y	151.959	121.235	1.253
1F RF	UDCon4	Combination	Max	X	190.826	183.387	1.041
1F RF	UDCon4	Combination	Max	Y	148.808	116.693	1.275
Base	UDCon4	Combination	Max	X	166.66	163.039	1.022
Base	UDCon4	Combination	Max	Y	84.693	84.578	1.001
14	UDCon4	Combination	Min	X	257.25	227.464	1.131
14	UDCon4	Combination	Min	Y	113.412	56.272	2.015
13	UDCon4	Combination	Min	X	250.317	222.909	1.123
13	UDCon4	Combination	Min	Y	115.079	61.168	1.881
12F RF	UDCon4	Combination	Min	X	243.392	218.325	1.115
12F RF	UDCon4	Combination	Min	Y	116.853	65.967	1.771
11F RF	UDCon4	Combination	Min	X	236.512	213.752	1.106
11F RF	UDCon4	Combination	Min	Y	118.698	70.497	1.684
10F RF	UDCon4	Combination	Min	X	229.723	209.228	1.098
10F RF	UDCon4	Combination	Min	Y	120.604	75.024	1.608
9F RF	UDCon4	Combination	Min	X	223.068	204.789	1.089
9F RF	UDCon4	Combination	Min	Y	122.564	79.53	1.541
8F RF	UDCon4	Combination	Min	X	216.626	200.492	1.08
8F RF	UDCon4	Combination	Min	Y	124.574	83.996	1.483

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon4	Combination	Min	X	210.552	196.361	1.072
7F RF	UDCon4	Combination	Min	Y	126.627	88.397	1.432
6F RF	UDCon4	Combination	Min	X	204.912	192.446	1.065
6F RF	UDCon4	Combination	Min	Y	128.715	92.688	1.389
5F RF	UDCon4	Combination	Min	X	199.797	188.814	1.058
5F RF	UDCon4	Combination	Min	Y	130.822	96.839	1.351
4F RF	UDCon4	Combination	Min	X	195.251	185.483	1.053
4F RF	UDCon4	Combination	Min	Y	132.951	100.835	1.319
3F RF	UDCon4	Combination	Min	X	191.327	182.533	1.048
3F RF	UDCon4	Combination	Min	Y	135.124	104.62	1.292
2F RF	UDCon4	Combination	Min	X	187.013	179.706	1.041
2F RF	UDCon4	Combination	Min	Y	137.406	108.158	1.27
1F RF	UDCon4	Combination	Min	X	183.923	176.782	1.04
1F RF	UDCon4	Combination	Min	Y	139.513	110.574	1.262
Base	UDCon4	Combination	Min	X	154.982	152.038	1.019
Base	UDCon4	Combination	Min	Y	69.492	69.406	1.001
14	UDCon5	Combination	Max	X	205.579	200.453	1.026
14	UDCon5	Combination	Max	Y	237.743	188.895	1.259
13	UDCon5	Combination	Max	X	204.16	199.881	1.021
13	UDCon5	Combination	Max	Y	227.389	181.931	1.25
12F RF	UDCon5	Combination	Max	X	206.436	200.853	1.028
12F RF	UDCon5	Combination	Max	Y	217.022	173.953	1.248
11F RF	UDCon5	Combination	Max	X	208.565	201.613	1.034
11F RF	UDCon5	Combination	Max	Y	206.679	165.966	1.245
10F RF	UDCon5	Combination	Max	X	210.493	202.202	1.041
10F RF	UDCon5	Combination	Max	Y	196.4	158.002	1.243
9F RF	UDCon5	Combination	Max	X	212.175	202.585	1.047
9F RF	UDCon5	Combination	Max	Y	186.226	150.093	1.241
8F RF	UDCon5	Combination	Max	X	213.57	202.735	1.053
8F RF	UDCon5	Combination	Max	Y	176.268	142.307	1.239
7F RF	UDCon5	Combination	Max	X	214.634	202.624	1.059
7F RF	UDCon5	Combination	Max	Y	166.693	134.747	1.237
6F RF	UDCon5	Combination	Max	X	215.413	201.778	1.068
6F RF	UDCon5	Combination	Max	Y	157.51	127.439	1.236
5F RF	UDCon5	Combination	Max	X	216.155	200.812	1.076
5F RF	UDCon5	Combination	Max	Y	148.815	120.645	1.233
4F RF	UDCon5	Combination	Max	X	216.833	199.788	1.085
4F RF	UDCon5	Combination	Max	Y	140.731	114.273	1.232
3F RF	UDCon5	Combination	Max	X	217.359	198.77	1.094
3F RF	UDCon5	Combination	Max	Y	132.814	108.134	1.228
2F RF	UDCon5	Combination	Max	X	217.251	197.811	1.098
2F RF	UDCon5	Combination	Max	Y	125.573	102.255	1.228
1F RF	UDCon5	Combination	Max	X	216.413	195.478	1.107
1F RF	UDCon5	Combination	Max	Y	119.679	96.723	1.237
Base	UDCon5	Combination	Max	X	164.978	162.874	1.013

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon5	Combination	Max	Y	90.801	89.707	1.012
14	UDCon5	Combination	Min	X	238.729	212.404	1.124
14	UDCon5	Combination	Min	Y	96.206	52.976	1.816
13	UDCon5	Combination	Min	X	232.411	207.96	1.118
13	UDCon5	Combination	Min	Y	98.216	57.056	1.721
12F RF	UDCon5	Combination	Min	X	226.112	203.543	1.111
12F RF	UDCon5	Combination	Min	Y	100.333	61.203	1.639
11F RF	UDCon5	Combination	Min	X	219.867	199.159	1.104
11F RF	UDCon5	Combination	Min	Y	102.523	65.38	1.568
10F RF	UDCon5	Combination	Min	X	213.719	194.74	1.097
10F RF	UDCon5	Combination	Min	Y	104.774	69.568	1.506
9F RF	UDCon5	Combination	Min	X	207.708	189.776	1.094
9F RF	UDCon5	Combination	Min	Y	107.082	73.748	1.452
8F RF	UDCon5	Combination	Min	X	201.912	184.98	1.092
8F RF	UDCon5	Combination	Min	Y	109.442	77.909	1.405
7F RF	UDCon5	Combination	Min	X	196.476	180.466	1.089
7F RF	UDCon5	Combination	Min	Y	111.846	82.018	1.364
6F RF	UDCon5	Combination	Min	X	191.493	176.329	1.086
6F RF	UDCon5	Combination	Min	Y	114.644	86.248	1.329
5F RF	UDCon5	Combination	Min	X	186.99	172.55	1.084
5F RF	UDCon5	Combination	Min	Y	117.459	89.83	1.308
4F RF	UDCon5	Combination	Min	X	183.032	169.16	1.082
4F RF	UDCon5	Combination	Min	Y	120.268	93.257	1.29
3F RF	UDCon5	Combination	Min	X	179.656	166.119	1.081
3F RF	UDCon5	Combination	Min	Y	123.094	96.445	1.276
2F RF	UDCon5	Combination	Min	X	175.814	162.987	1.079
2F RF	UDCon5	Combination	Min	Y	125.996	99.773	1.263
1F RF	UDCon5	Combination	Min	X	173.16	159.569	1.085
1F RF	UDCon5	Combination	Min	Y	128.733	102.747	1.253
Base	UDCon5	Combination	Min	X	137.195	133.119	1.031
Base	UDCon5	Combination	Min	Y	65.204	64.709	1.008
14	UDCon6	Combination	Max	X	195.845	172.805	1.133
14	UDCon6	Combination	Max	Y	228.431	186.143	1.227
13	UDCon6	Combination	Max	X	194.527	172.886	1.125
13	UDCon6	Combination	Max	Y	218.238	178.347	1.224
12F RF	UDCon6	Combination	Max	X	193.163	172.91	1.117
12F RF	UDCon6	Combination	Max	Y	208.032	170.508	1.22
11F RF	UDCon6	Combination	Max	X	191.714	172.835	1.109
11F RF	UDCon6	Combination	Max	Y	197.851	162.66	1.216
10F RF	UDCon6	Combination	Max	X	190.152	172.626	1.102
10F RF	UDCon6	Combination	Max	Y	187.734	154.832	1.213
9F RF	UDCon6	Combination	Max	X	188.458	172.259	1.094
9F RF	UDCon6	Combination	Max	Y	177.86	147.125	1.209
8F RF	UDCon6	Combination	Max	X	186.618	171.713	1.087
8F RF	UDCon6	Combination	Max	Y	168.389	139.631	1.206

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon6	Combination	Max	X	184.629	170.733	1.081
7F RF	UDCon6	Combination	Max	Y	159.279	132.536	1.202
6F RF	UDCon6	Combination	Max	X	182.645	169.487	1.078
6F RF	UDCon6	Combination	Max	Y	150.541	125.806	1.197
5F RF	UDCon6	Combination	Max	X	180.74	168.181	1.075
5F RF	UDCon6	Combination	Max	Y	142.268	119.385	1.192
4F RF	UDCon6	Combination	Max	X	178.833	166.803	1.072
4F RF	UDCon6	Combination	Max	Y	135.262	113.702	1.19
3F RF	UDCon6	Combination	Max	X	176.805	165.371	1.069
3F RF	UDCon6	Combination	Max	Y	132.876	110.463	1.203
2F RF	UDCon6	Combination	Max	X	175.338	164.143	1.068
2F RF	UDCon6	Combination	Max	Y	130.234	107.002	1.217
1F RF	UDCon6	Combination	Max	X	174.966	164.126	1.066
1F RF	UDCon6	Combination	Max	Y	127.138	102.96	1.235
Base	UDCon6	Combination	Max	X	146.117	142.426	1.026
Base	UDCon6	Combination	Max	Y	84.308	84.254	1.001
14	UDCon6	Combination	Min	X	286.935	241.531	1.188
14	UDCon6	Combination	Min	Y	82.768	51.272	1.614
13	UDCon6	Combination	Min	X	280.26	237.128	1.182
13	UDCon6	Combination	Min	Y	84.659	54.507	1.553
12F RF	UDCon6	Combination	Min	X	273.596	232.699	1.176
12F RF	UDCon6	Combination	Min	Y	86.657	57.819	1.499
11F RF	UDCon6	Combination	Min	X	266.978	228.279	1.17
11F RF	UDCon6	Combination	Min	Y	88.729	61.174	1.45
10F RF	UDCon6	Combination	Min	X	260.445	223.907	1.163
10F RF	UDCon6	Combination	Min	Y	90.863	64.571	1.407
9F RF	UDCon6	Combination	Min	X	254.038	219.615	1.157
9F RF	UDCon6	Combination	Min	Y	93.054	68.106	1.366
8F RF	UDCon6	Combination	Min	X	247.828	215.456	1.15
8F RF	UDCon6	Combination	Min	Y	95.297	71.637	1.33
7F RF	UDCon6	Combination	Min	X	241.978	211.457	1.144
7F RF	UDCon6	Combination	Min	Y	97.586	74.666	1.307
6F RF	UDCon6	Combination	Min	X	236.546	207.665	1.139
6F RF	UDCon6	Combination	Min	Y	100.051	77.65	1.288
5F RF	UDCon6	Combination	Min	X	231.609	204.139	1.135
5F RF	UDCon6	Combination	Min	Y	102.539	80.75	1.27
4F RF	UDCon6	Combination	Min	X	227.214	200.899	1.131
4F RF	UDCon6	Combination	Min	Y	105.036	83.745	1.254
3F RF	UDCon6	Combination	Min	X	223.407	198.02	1.128
3F RF	UDCon6	Combination	Min	Y	107.565	86.58	1.242
2F RF	UDCon6	Combination	Min	X	219.176	195.245	1.123
2F RF	UDCon6	Combination	Min	Y	110.187	89.587	1.23
1F RF	UDCon6	Combination	Min	X	216.172	192.373	1.124
1F RF	UDCon6	Combination	Min	Y	112.662	92.593	1.217
Base	UDCon6	Combination	Min	X	156.053	153.565	1.016

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon6	Combination	Min	Y	71.778	70.148	1.023
14	UDCon7	Combination	Max	X	207.534	189.762	1.094
14	UDCon7	Combination	Max	Y	212.537	193.217	1.1
13	UDCon7	Combination	Max	X	205.78	189.922	1.084
13	UDCon7	Combination	Max	Y	202.794	185.592	1.093
12F RF	UDCon7	Combination	Max	X	203.972	189.998	1.074
12F RF	UDCon7	Combination	Max	Y	193.042	177.926	1.085
11F RF	UDCon7	Combination	Max	X	202.07	189.954	1.064
11F RF	UDCon7	Combination	Max	Y	183.316	170.251	1.077
10F RF	UDCon7	Combination	Max	X	200.048	189.76	1.054
10F RF	UDCon7	Combination	Max	Y	173.651	162.345	1.07
9F RF	UDCon7	Combination	Max	X	197.889	189.397	1.045
9F RF	UDCon7	Combination	Max	Y	164.175	154.116	1.065
8F RF	UDCon7	Combination	Max	X	195.583	188.851	1.036
8F RF	UDCon7	Combination	Max	Y	160.972	148.911	1.081
7F RF	UDCon7	Combination	Max	X	193.136	188.125	1.027
7F RF	UDCon7	Combination	Max	Y	157.701	143.59	1.098
6F RF	UDCon7	Combination	Max	X	190.689	187.103	1.019
6F RF	UDCon7	Combination	Max	Y	154.374	138.338	1.116
5F RF	UDCon7	Combination	Max	X	188.315	185.909	1.013
5F RF	UDCon7	Combination	Max	Y	151.041	133.225	1.134
4F RF	UDCon7	Combination	Max	X	185.971	184.437	1.008
4F RF	UDCon7	Combination	Max	Y	147.827	128.26	1.153
3F RF	UDCon7	Combination	Max	X	185.369	183.353	1.011
3F RF	UDCon7	Combination	Max	Y	144.804	123.267	1.175
2F RF	UDCon7	Combination	Max	X	185.135	182.307	1.016
2F RF	UDCon7	Combination	Max	Y	141.576	118.286	1.197
1F RF	UDCon7	Combination	Max	X	184.185	179.9	1.024
1F RF	UDCon7	Combination	Max	Y	137.94	113.575	1.215
Base	UDCon7	Combination	Max	X	163.864	161.298	1.016
Base	UDCon7	Combination	Max	Y	89.354	88.897	1.005
14	UDCon7	Combination	Min	X	250.249	226.037	1.107
14	UDCon7	Combination	Min	Y	117.47	59.956	1.959
13	UDCon7	Combination	Min	X	243.408	221.679	1.098
13	UDCon7	Combination	Min	Y	119.52	64.687	1.848
12F RF	UDCon7	Combination	Min	X	236.574	217.296	1.089
12F RF	UDCon7	Combination	Min	Y	121.675	69.283	1.756
11F RF	UDCon7	Combination	Min	X	229.787	212.925	1.079
11F RF	UDCon7	Combination	Min	Y	123.9	73.706	1.681
10F RF	UDCon7	Combination	Min	X	223.091	208.605	1.069
10F RF	UDCon7	Combination	Min	Y	126.182	78.131	1.615
9F RF	UDCon7	Combination	Min	X	216.533	204.444	1.059
9F RF	UDCon7	Combination	Min	Y	128.517	82.538	1.557
8F RF	UDCon7	Combination	Min	X	210.216	200.517	1.048
8F RF	UDCon7	Combination	Min	Y	131.086	87.006	1.507

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon7	Combination	Min	X	204.247	196.61	1.039
7F RF	UDCon7	Combination	Min	Y	133.866	91.485	1.463
6F RF	UDCon7	Combination	Min	X	198.729	192.247	1.034
6F RF	UDCon7	Combination	Min	Y	136.651	95.872	1.425
5F RF	UDCon7	Combination	Min	X	193.729	188.25	1.029
5F RF	UDCon7	Combination	Min	Y	139.423	100.049	1.394
4F RF	UDCon7	Combination	Min	X	189.303	184.642	1.025
4F RF	UDCon7	Combination	Min	Y	142.175	104.142	1.365
3F RF	UDCon7	Combination	Min	X	185.494	181.39	1.023
3F RF	UDCon7	Combination	Min	Y	144.928	107.744	1.345
2F RF	UDCon7	Combination	Min	X	183.094	178.963	1.023
2F RF	UDCon7	Combination	Min	Y	147.742	111.753	1.322
1F RF	UDCon7	Combination	Min	X	182.798	176.671	1.035
1F RF	UDCon7	Combination	Min	Y	150.295	114.234	1.316
Base	UDCon7	Combination	Min	X	157.779	153.78	1.026
Base	UDCon7	Combination	Min	Y	65.682	65.056	1.01
14	UDCon8	Combination	Max	X	212.09	188.892	1.123
14	UDCon8	Combination	Max	Y	218.928	187.618	1.167
13	UDCon8	Combination	Max	X	210.599	189.195	1.113
13	UDCon8	Combination	Max	Y	209.097	179.815	1.163
12F RF	UDCon8	Combination	Max	X	209.061	189.418	1.104
12F RF	UDCon8	Combination	Max	Y	199.257	171.971	1.159
11F RF	UDCon8	Combination	Max	X	207.433	189.524	1.094
11F RF	UDCon8	Combination	Max	Y	189.443	164.119	1.154
10F RF	UDCon8	Combination	Max	X	205.689	189.485	1.086
10F RF	UDCon8	Combination	Max	Y	179.694	156.581	1.148
9F RF	UDCon8	Combination	Max	X	203.953	189.35	1.077
9F RF	UDCon8	Combination	Max	Y	170.049	149.315	1.139
8F RF	UDCon8	Combination	Max	X	202.227	189.115	1.069
8F RF	UDCon8	Combination	Max	Y	167.41	145.735	1.149
7F RF	UDCon8	Combination	Max	X	200.335	188.69	1.062
7F RF	UDCon8	Combination	Max	Y	164.885	142.228	1.159
6F RF	UDCon8	Combination	Max	X	198.449	187.997	1.056
6F RF	UDCon8	Combination	Max	Y	162.277	138.001	1.176
5F RF	UDCon8	Combination	Max	X	196.591	187.096	1.051
5F RF	UDCon8	Combination	Max	Y	159.629	133.533	1.195
4F RF	UDCon8	Combination	Max	X	194.7	185.972	1.047
4F RF	UDCon8	Combination	Max	Y	157.061	129.278	1.215
3F RF	UDCon8	Combination	Max	X	192.656	184.56	1.044
3F RF	UDCon8	Combination	Max	Y	154.637	125.304	1.234
2F RF	UDCon8	Combination	Max	X	191.213	183.773	1.04
2F RF	UDCon8	Combination	Max	Y	151.934	121.204	1.254
1F RF	UDCon8	Combination	Max	X	190.811	183.39	1.04
1F RF	UDCon8	Combination	Max	Y	148.806	116.688	1.275
Base	UDCon8	Combination	Max	X	166.617	162.991	1.022

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon8	Combination	Max	Y	84.646	84.524	1.001
14	UDCon8	Combination	Min	X	256.545	226.908	1.131
14	UDCon8	Combination	Min	Y	113.626	56.719	2.003
13	UDCon8	Combination	Min	X	249.681	222.406	1.123
13	UDCon8	Combination	Min	Y	115.279	61.577	1.872
12F RF	UDCon8	Combination	Min	X	242.822	217.876	1.114
12F RF	UDCon8	Combination	Min	Y	117.037	66.322	1.765
11F RF	UDCon8	Combination	Min	X	236.009	213.355	1.106
11F RF	UDCon8	Combination	Min	Y	118.868	70.816	1.679
10F RF	UDCon8	Combination	Min	X	229.284	208.881	1.098
10F RF	UDCon8	Combination	Min	Y	120.757	75.309	1.603
9F RF	UDCon8	Combination	Min	X	222.69	204.491	1.089
9F RF	UDCon8	Combination	Min	Y	122.701	79.78	1.538
8F RF	UDCon8	Combination	Min	X	216.308	200.24	1.08
8F RF	UDCon8	Combination	Min	Y	124.694	84.212	1.481
7F RF	UDCon8	Combination	Min	X	210.289	196.154	1.072
7F RF	UDCon8	Combination	Min	Y	126.731	88.579	1.431
6F RF	UDCon8	Combination	Min	X	204.7	192.28	1.065
6F RF	UDCon8	Combination	Min	Y	128.801	92.838	1.387
5F RF	UDCon8	Combination	Min	X	199.631	188.686	1.058
5F RF	UDCon8	Combination	Min	Y	130.891	96.957	1.35
4F RF	UDCon8	Combination	Min	X	195.127	185.39	1.053
4F RF	UDCon8	Combination	Min	Y	133.002	100.922	1.318
3F RF	UDCon8	Combination	Min	X	191.238	182.471	1.048
3F RF	UDCon8	Combination	Min	Y	135.157	104.678	1.291
2F RF	UDCon8	Combination	Min	X	186.962	179.674	1.041
2F RF	UDCon8	Combination	Min	Y	137.42	108.189	1.27
1F RF	UDCon8	Combination	Min	X	183.902	176.779	1.04
1F RF	UDCon8	Combination	Min	Y	139.507	110.58	1.262
Base	UDCon8	Combination	Min	X	155.024	152.086	1.019
Base	UDCon8	Combination	Min	Y	69.539	69.46	1.001
14	UDCon9	Combination	Max	X	205.985	200.931	1.025
14	UDCon9	Combination	Max	Y	237.064	188.415	1.258
13	UDCon9	Combination	Max	X	204.793	200.446	1.022
13	UDCon9	Combination	Max	Y	226.77	181.452	1.25
12F RF	UDCon9	Combination	Max	X	207.001	201.341	1.028
12F RF	UDCon9	Combination	Max	Y	216.462	173.519	1.247
11F RF	UDCon9	Combination	Max	X	209.064	202.045	1.035
11F RF	UDCon9	Combination	Max	Y	206.178	165.576	1.245
10F RF	UDCon9	Combination	Max	X	210.928	202.579	1.041
10F RF	UDCon9	Combination	Max	Y	195.957	157.655	1.243
9F RF	UDCon9	Combination	Max	X	212.549	202.909	1.048
9F RF	UDCon9	Combination	Max	Y	185.839	149.789	1.241
8F RF	UDCon9	Combination	Max	X	213.885	203.009	1.054
8F RF	UDCon9	Combination	Max	Y	175.938	142.047	1.239

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon9	Combination	Max	X	214.895	202.85	1.059
7F RF	UDCon9	Combination	Max	Y	166.415	134.527	1.237
6F RF	UDCon9	Combination	Max	X	215.623	201.946	1.068
6F RF	UDCon9	Combination	Max	Y	157.281	127.258	1.236
5F RF	UDCon9	Combination	Max	X	216.313	200.94	1.077
5F RF	UDCon9	Combination	Max	Y	148.633	120.501	1.233
4F RF	UDCon9	Combination	Max	X	216.944	199.88	1.085
4F RF	UDCon9	Combination	Max	Y	140.59	114.162	1.231
3F RF	UDCon9	Combination	Max	X	217.426	198.828	1.094
3F RF	UDCon9	Combination	Max	Y	132.714	108.056	1.228
2F RF	UDCon9	Combination	Max	X	217.28	197.836	1.098
2F RF	UDCon9	Combination	Max	Y	125.512	102.209	1.228
1F RF	UDCon9	Combination	Max	X	216.414	195.481	1.107
1F RF	UDCon9	Combination	Max	Y	119.645	96.705	1.237
Base	UDCon9	Combination	Max	X	164.936	162.826	1.013
Base	UDCon9	Combination	Max	Y	90.754	89.653	1.012
14	UDCon9	Combination	Min	X	238.023	211.826	1.124
14	UDCon9	Combination	Min	Y	96.419	53.359	1.807
13	UDCon9	Combination	Min	X	231.775	207.438	1.117
13	UDCon9	Combination	Min	Y	98.415	57.409	1.714
12F RF	UDCon9	Combination	Min	X	225.542	203.076	1.111
12F RF	UDCon9	Combination	Min	Y	100.517	61.524	1.634
11F RF	UDCon9	Combination	Min	X	219.364	198.746	1.104
11F RF	UDCon9	Combination	Min	Y	102.692	65.67	1.564
10F RF	UDCon9	Combination	Min	X	213.28	194.357	1.097
10F RF	UDCon9	Combination	Min	Y	104.928	69.826	1.503
9F RF	UDCon9	Combination	Min	X	207.33	189.44	1.094
9F RF	UDCon9	Combination	Min	Y	107.219	73.976	1.449
8F RF	UDCon9	Combination	Min	X	201.594	184.696	1.091
8F RF	UDCon9	Combination	Min	Y	109.562	78.106	1.403
7F RF	UDCon9	Combination	Min	X	196.213	180.232	1.089
7F RF	UDCon9	Combination	Min	Y	111.949	82.185	1.362
6F RF	UDCon9	Combination	Min	X	191.28	176.14	1.086
6F RF	UDCon9	Combination	Min	Y	114.73	86.386	1.328
5F RF	UDCon9	Combination	Min	X	186.824	172.404	1.084
5F RF	UDCon9	Combination	Min	Y	117.528	89.928	1.307
4F RF	UDCon9	Combination	Min	X	182.908	169.052	1.082
4F RF	UDCon9	Combination	Min	Y	120.319	93.33	1.289
3F RF	UDCon9	Combination	Min	X	179.567	166.045	1.081
3F RF	UDCon9	Combination	Min	Y	123.127	96.496	1.276
2F RF	UDCon9	Combination	Min	X	175.764	162.947	1.079
2F RF	UDCon9	Combination	Min	Y	126.01	99.799	1.263
1F RF	UDCon9	Combination	Min	X	173.14	159.562	1.085
1F RF	UDCon9	Combination	Min	Y	128.727	102.748	1.253
Base	UDCon9	Combination	Min	X	137.238	133.167	1.031

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Base	UDCon9	Combination	Min	Y	65.251	64.763	1.008
14	UDCon10	Combination	Max	X	196.252	173.312	1.132
14	UDCon10	Combination	Max	Y	227.751	185.619	1.227
13	UDCon10	Combination	Max	X	194.894	173.343	1.124
13	UDCon10	Combination	Max	Y	217.618	177.867	1.223
12F RF	UDCon10	Combination	Max	X	193.492	173.32	1.116
12F RF	UDCon10	Combination	Max	Y	207.472	170.073	1.22
11F RF	UDCon10	Combination	Max	X	192.006	173.197	1.109
11F RF	UDCon10	Combination	Max	Y	197.35	162.269	1.216
10F RF	UDCon10	Combination	Max	X	190.407	172.943	1.101
10F RF	UDCon10	Combination	Max	Y	187.29	154.485	1.212
9F RF	UDCon10	Combination	Max	X	188.677	172.531	1.094
9F RF	UDCon10	Combination	Max	Y	177.474	146.821	1.209
8F RF	UDCon10	Combination	Max	X	186.803	171.943	1.086
8F RF	UDCon10	Combination	Max	Y	168.059	139.37	1.206
7F RF	UDCon10	Combination	Max	X	184.783	170.913	1.081
7F RF	UDCon10	Combination	Max	Y	159.001	132.315	1.202
6F RF	UDCon10	Combination	Max	X	182.765	169.63	1.077
6F RF	UDCon10	Combination	Max	Y	150.312	125.625	1.197
5F RF	UDCon10	Combination	Max	X	180.83	168.29	1.075
5F RF	UDCon10	Combination	Max	Y	142.085	119.24	1.192
4F RF	UDCon10	Combination	Max	X	178.894	166.88	1.072
4F RF	UDCon10	Combination	Max	Y	135.204	113.633	1.19
3F RF	UDCon10	Combination	Max	X	176.84	165.418	1.069
3F RF	UDCon10	Combination	Max	Y	132.834	110.413	1.203
2F RF	UDCon10	Combination	Max	X	175.354	164.166	1.068
2F RF	UDCon10	Combination	Max	Y	130.21	106.974	1.217
1F RF	UDCon10	Combination	Max	X	174.952	164.115	1.066
1F RF	UDCon10	Combination	Max	Y	127.135	102.957	1.235
Base	UDCon10	Combination	Max	X	146.074	142.377	1.026
Base	UDCon10	Combination	Max	Y	84.248	84.2	1.001
14	UDCon10	Combination	Min	X	286.229	240.975	1.188
14	UDCon10	Combination	Min	Y	82.982	51.607	1.608
13	UDCon10	Combination	Min	X	279.623	236.626	1.182
13	UDCon10	Combination	Min	Y	84.858	54.816	1.548
12F RF	UDCon10	Combination	Min	X	273.026	232.249	1.176
12F RF	UDCon10	Combination	Min	Y	86.841	58.101	1.495
11F RF	UDCon10	Combination	Min	X	266.474	227.882	1.169
11F RF	UDCon10	Combination	Min	Y	88.898	61.429	1.447
10F RF	UDCon10	Combination	Min	X	260.006	223.559	1.163
10F RF	UDCon10	Combination	Min	Y	91.016	64.8	1.405
9F RF	UDCon10	Combination	Min	X	253.661	219.317	1.157
9F RF	UDCon10	Combination	Min	Y	93.191	68.308	1.364
8F RF	UDCon10	Combination	Min	X	247.509	215.204	1.15
8F RF	UDCon10	Combination	Min	Y	95.418	71.813	1.329

Table 3.6 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
7F RF	UDCon10	Combination	Min	X	241.715	211.25	1.144
7F RF	UDCon10	Combination	Min	Y	97.689	74.799	1.306
6F RF	UDCon10	Combination	Min	X	236.334	207.499	1.139
6F RF	UDCon10	Combination	Min	Y	100.137	77.76	1.288
5F RF	UDCon10	Combination	Min	X	231.443	204.011	1.134
5F RF	UDCon10	Combination	Min	Y	102.608	80.838	1.269
4F RF	UDCon10	Combination	Min	X	227.09	200.806	1.131
4F RF	UDCon10	Combination	Min	Y	105.087	83.811	1.254
3F RF	UDCon10	Combination	Min	X	223.319	197.958	1.128
3F RF	UDCon10	Combination	Min	Y	107.598	86.626	1.242
2F RF	UDCon10	Combination	Min	X	219.126	195.213	1.122
2F RF	UDCon10	Combination	Min	Y	110.201	89.61	1.23
1F RF	UDCon10	Combination	Min	X	216.151	192.37	1.124
1F RF	UDCon10	Combination	Min	Y	112.655	92.591	1.217
Base	UDCon10	Combination	Min	X	156.096	153.614	1.016
Base	UDCon10	Combination	Min	Y	71.825	70.202	1.023

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	0.000644	44	26.8	19.6	56
16	Dead	LinStatic		Y	0.001022	44	26.8	19.6	56
16	Live	LinStatic		X	6.9E-05	44	26.8	19.6	56
16	Live	LinStatic		Y	5.8E-05	43	26.8	5	56
16	FF	LinStatic		X	0.000431	44	26.8	19.6	56
16	FF	LinStatic		Y	0.000797	48	26.8	12	56
16	PW	LinStatic		X	0.000379	44	26.8	19.6	56
16	PW	LinStatic		Y	0.000747	48	26.8	12	56
16	Earthquake+x	LinStatic		X	0.000734	6	20.5	19.6	56
16	Earthquake+x	LinStatic		Y	0.000294	33	3.75	19.6	56
16	Earthquake+y	LinStatic		X	0.000136	44	26.8	19.6	56
16	Earthquake+y	LinStatic		Y	0.000757	38	3.75	14.8	56
16	TH-X Load Case	LinModHist	Max	X	0.000708	6	20.5	19.6	56
16	TH-X Load Case	LinModHist	Max	Y	0.000353	43	26.8	5	56
16	TH-X Load Case	LinModHist	Min	X	0.000672	6	20.5	19.6	56
16	TH-X Load Case	LinModHist	Min	Y	0.000393	38	3.75	14.8	56
16	TH-Y Load Case	LinModHist	Max	X	0.000722	6	20.5	19.6	56
16	TH-Y Load Case	LinModHist	Max	Y	0.00039	43	26.8	5	56
16	TH-Y Load Case	LinModHist	Min	X	0.000555	6	20.5	19.6	56
16	TH-Y Load Case	LinModHist	Min	Y	0.000368	43	26.8	5	56
16	UDCon1	Combination		X	0.001964	44	26.8	19.6	56
16	UDCon1	Combination		Y	0.003458	48	26.8	12	56
16	UDCon2	Combination		X	0.002067	44	26.8	19.6	56
16	UDCon2	Combination		Y	0.003543	48	26.8	12	56
16	UDCon3	Combination	Max	Y	0.002922	48	26.8	12	56

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
16	UDCon3	Combination	Min	X	0.002142	44	26.8	19.6	56
16	UDCon3	Combination	Min	Y	0.002245	48	26.8	12	56
16	UDCon4	Combination	Max	Y	0.002913	48	26.8	12	56
16	UDCon4	Combination	Min	X	0.002175	44	26.8	19.6	56
16	UDCon4	Combination	Min	Y	0.002235	48	26.8	12	56
16	UDCon5	Combination	Max	Y	0.002957	44	26.8	19.6	56
16	UDCon5	Combination	Min	X	0.002025	44	26.8	19.6	56
16	UDCon5	Combination	Min	Y	0.002221	48	26.8	12	56
16	UDCon6	Combination	Max	X	0.000926	44	26.8	19.6	56
16	UDCon6	Combination	Max	Y	0.002936	48	26.8	12	56
16	UDCon6	Combination	Min	X	0.002191	44	26.8	19.6	56
16	UDCon6	Combination	Min	Y	0.0022	48	26.8	12	56
16	UDCon7	Combination	Max	Y	0.002905	48	26.8	12	56
16	UDCon7	Combination	Min	X	0.002121	44	26.8	19.6	56
16	UDCon7	Combination	Min	Y	0.002228	48	26.8	12	56
16	UDCon8	Combination	Max	Y	0.002896	48	26.8	12	56
16	UDCon8	Combination	Min	X	0.002155	44	26.8	19.6	56
16	UDCon8	Combination	Min	Y	0.002218	48	26.8	12	56
16	UDCon9	Combination	Max	Y	0.00294	48	26.8	12	56
16	UDCon9	Combination	Min	X	0.002005	44	26.8	19.6	56
16	UDCon9	Combination	Min	Y	0.002204	48	26.8	12	56
16	UDCon10	Combination	Max	X	0.000905	44	26.8	19.6	56
16	UDCon10	Combination	Max	Y	0.002919	48	26.8	12	56
16	UDCon10	Combination	Min	X	0.00217	44	26.8	19.6	56
16	UDCon10	Combination	Min	Y	0.002183	48	26.8	12	56
15	Dead	LinStatic		X	0.000573	6	20.5	19.6	52.5
15	Dead	LinStatic		Y	0.001021	45	26.8	14.8	52.5
15	Live	LinStatic		X	6.6E-05	6	20.5	19.6	52.5
15	Live	LinStatic		Y	5.8E-05	43	26.8	5	52.5
15	FF	LinStatic		X	0.000382	44	26.8	19.6	52.5
15	FF	LinStatic		Y	0.000791	45	26.8	14.8	52.5
15	PW	LinStatic		X	0.000332	44	26.8	19.6	52.5
15	PW	LinStatic		Y	0.00074	45	26.8	14.8	52.5
15	Earthquake+x	LinStatic		X	0.000748	6	20.5	19.6	52.5
15	Earthquake+x	LinStatic		Y	0.000294	38	3.75	14.8	52.5
15	Earthquake+y	LinStatic		X	0.000121	44	26.8	19.6	52.5
15	Earthquake+y	LinStatic		Y	0.000763	38	3.75	14.8	52.5
15	TH-X Load Case	LinModHist	Max	X	0.000721	6	20.5	19.6	52.5
15	TH-X Load Case	LinModHist	Max	Y	0.000355	43	26.8	5	52.5
15	TH-X Load Case	LinModHist	Min	X	0.000685	6	20.5	19.6	52.5
15	TH-X Load Case	LinModHist	Min	Y	0.000396	38	3.75	14.8	52.5
15	TH-Y Load Case	LinModHist	Max	X	0.000736	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Max	Y	0.000393	43	26.8	5	52.5
15	TH-Y Load Case	LinModHist	Min	X	0.000565	6	20.5	19.6	52.5
15	TH-Y Load Case	LinModHist	Min	Y	0.000371	43	26.8	5	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	UDCon1	Combination		X	0.001736	44	26.8	19.6	52.5
15	UDCon1	Combination		Y	0.003445	45	26.8	14.8	52.5
15	UDCon2	Combination		X	0.001835	6	20.5	19.6	52.5
15	UDCon2	Combination		Y	0.003531	45	26.8	14.8	52.5
15	UDCon3	Combination	Max	Y	0.002924	45	26.8	14.8	52.5
15	UDCon3	Combination	Min	X	0.00199	6	20.5	19.6	52.5
15	UDCon3	Combination	Min	Y	0.002225	45	26.8	14.8	52.5
15	UDCon4	Combination	Max	Y	0.002913	45	26.8	14.8	52.5
15	UDCon4	Combination	Min	X	0.002027	6	20.5	19.6	52.5
15	UDCon4	Combination	Min	Y	0.002214	45	26.8	14.8	52.5
15	UDCon5	Combination	Max	Y	0.002962	45	26.8	14.8	52.5
15	UDCon5	Combination	Min	X	0.001871	6	20.5	19.6	52.5
15	UDCon5	Combination	Min	Y	0.002199	45	26.8	14.8	52.5
15	UDCon6	Combination	Max	Y	0.002939	45	26.8	14.8	52.5
15	UDCon6	Combination	Min	X	0.002042	6	20.5	19.6	52.5
15	UDCon6	Combination	Min	Y	0.002176	45	26.8	14.8	52.5
15	UDCon7	Combination	Max	Y	0.002907	45	26.8	14.8	52.5
15	UDCon7	Combination	Min	X	0.001971	6	20.5	19.6	52.5
15	UDCon7	Combination	Min	Y	0.002208	45	26.8	14.8	52.5
15	UDCon8	Combination	Max	Y	0.002896	45	26.8	14.8	52.5
15	UDCon8	Combination	Min	X	0.002007	6	20.5	19.6	52.5
15	UDCon8	Combination	Min	Y	0.002197	45	26.8	14.8	52.5
15	UDCon9	Combination	Max	Y	0.002945	45	26.8	14.8	52.5
15	UDCon9	Combination	Min	X	0.001852	6	20.5	19.6	52.5
15	UDCon9	Combination	Min	Y	0.002182	45	26.8	14.8	52.5
15	UDCon10	Combination	Max	Y	0.002922	45	26.8	14.8	52.5
15	UDCon10	Combination	Min	X	0.002022	6	20.5	19.6	52.5
15	UDCon10	Combination	Min	Y	0.002159	45	26.8	14.8	52.5
14	Dead	LinStatic		X	0.000568	6	20.5	19.6	49
14	Dead	LinStatic		Y	0.001022	45	26.8	14.8	49
14	Live	LinStatic		X	6.5E-05	32	11.4	19.6	49
14	Live	LinStatic		Y	5.7E-05	45	26.8	14.8	49
14	FF	LinStatic		X	0.000379	6	20.5	19.6	49
14	FF	LinStatic		Y	0.000793	45	26.8	14.8	49
14	PW	LinStatic		X	0.00033	6	20.5	19.6	49
14	PW	LinStatic		Y	0.000743	45	26.8	14.8	49
14	Earthquake+x	LinStatic		X	0.000764	6	20.5	19.6	49
14	Earthquake+x	LinStatic		Y	0.000294	33	3.75	19.6	49
14	Earthquake+y	LinStatic		X	0.000118	33	3.75	19.6	49
14	Earthquake+y	LinStatic		Y	0.000768	38	3.75	14.8	49
14	TH-X Load Case	LinModHist	Max	X	0.000737	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Max	Y	0.000359	43	26.8	5	49
14	TH-X Load Case	LinModHist	Min	X	0.000699	6	20.5	19.6	49
14	TH-X Load Case	LinModHist	Min	Y	0.000398	38	3.75	14.8	49
14	TH-Y Load Case	LinModHist	Max	X	0.000752	6	20.5	19.6	49

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
14	TH-Y Load Case	LinModHist	Max	Y	0.000398	43	26.8	5	49
14	TH-Y Load Case	LinModHist	Min	X	0.000578	6	20.5	19.6	49
14	TH-Y Load Case	LinModHist	Min	Y	0.000376	43	26.8	5	49
14	UDCon1	Combination		X	0.001724	6	20.5	19.6	49
14	UDCon1	Combination		Y	0.003454	45	26.8	14.8	49
14	UDCon2	Combination		X	0.001822	6	20.5	19.6	49
14	UDCon2	Combination		Y	0.00354	45	26.8	14.8	49
14	UDCon3	Combination	Max	Y	0.002934	45	26.8	14.8	49
14	UDCon3	Combination	Min	X	0.001995	6	20.5	19.6	49
14	UDCon3	Combination	Min	Y	0.002227	45	26.8	14.8	49
14	UDCon4	Combination	Max	Y	0.002923	45	26.8	14.8	49
14	UDCon4	Combination	Min	X	0.002033	6	20.5	19.6	49
14	UDCon4	Combination	Min	Y	0.002217	45	26.8	14.8	49
14	UDCon5	Combination	Max	Y	0.002973	45	26.8	14.8	49
14	UDCon5	Combination	Min	X	0.001874	6	20.5	19.6	49
14	UDCon5	Combination	Min	Y	0.002201	45	26.8	14.8	49
14	UDCon6	Combination	Max	Y	0.00295	45	26.8	14.8	49
14	UDCon6	Combination	Min	X	0.002048	6	20.5	19.6	49
14	UDCon6	Combination	Min	Y	0.002178	45	26.8	14.8	49
14	UDCon7	Combination	Max	Y	0.002917	45	26.8	14.8	49
14	UDCon7	Combination	Min	X	0.001976	6	20.5	19.6	49
14	UDCon7	Combination	Min	Y	0.00221	45	26.8	14.8	49
14	UDCon8	Combination	Max	Y	0.002906	45	26.8	14.8	49
14	UDCon8	Combination	Min	X	0.002014	6	20.5	19.6	49
14	UDCon8	Combination	Min	Y	0.0022	45	26.8	14.8	49
14	UDCon9	Combination	Max	Y	0.002956	45	26.8	14.8	49
14	UDCon9	Combination	Min	X	0.001855	6	20.5	19.6	49
14	UDCon9	Combination	Min	Y	0.002183	45	26.8	14.8	49
14	UDCon10	Combination	Max	Y	0.002933	45	26.8	14.8	49
14	UDCon10	Combination	Min	X	0.002028	6	20.5	19.6	49
14	UDCon10	Combination	Min	Y	0.00216	45	26.8	14.8	49
13	Dead	LinStatic		X	0.00056	32	11.4	19.6	45.5
13	Dead	LinStatic		Y	0.001022	45	26.8	14.8	45.5
13	Live	LinStatic		X	6.4E-05	32	11.4	19.6	45.5
13	Live	LinStatic		Y	5.7E-05	45	26.8	14.8	45.5
13	FF	LinStatic		X	0.000374	6	20.5	19.6	45.5
13	FF	LinStatic		Y	0.000794	45	26.8	14.8	45.5
13	PW	LinStatic		X	0.000326	6	20.5	19.6	45.5
13	PW	LinStatic		Y	0.000744	45	26.8	14.8	45.5
13	Earthquake+x	LinStatic		X	0.00078	6	20.5	19.6	45.5
13	Earthquake+x	LinStatic		Y	0.000294	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		X	0.000118	33	3.75	19.6	45.5
13	Earthquake+y	LinStatic		Y	0.000771	38	3.75	14.8	45.5
13	TH-X Load Case	LinModHist	Max	X	0.000753	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Max	Y	0.000363	43	26.8	5	45.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
13	TH-X Load Case	LinModHist	Min	X	0.000713	6	20.5	19.6	45.5
13	TH-X Load Case	LinModHist	Min	Y	0.000398	38	3.75	14.8	45.5
13	TH-Y Load Case	LinModHist	Max	X	0.000768	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Max	Y	0.000402	45	26.8	14.8	45.5
13	TH-Y Load Case	LinModHist	Min	X	0.000591	6	20.5	19.6	45.5
13	TH-Y Load Case	LinModHist	Min	Y	0.00038	43	26.8	5	45.5
13	UDCon1	Combination		X	0.001701	32	11.4	19.6	45.5
13	UDCon1	Combination		Y	0.003455	45	26.8	14.8	45.5
13	UDCon2	Combination		X	0.001798	32	11.4	19.6	45.5
13	UDCon2	Combination		Y	0.00354	45	26.8	14.8	45.5
13	UDCon3	Combination	Max	Y	0.002938	45	26.8	14.8	45.5
13	UDCon3	Combination	Min	X	0.001992	6	20.5	19.6	45.5
13	UDCon3	Combination	Min	Y	0.002224	45	26.8	14.8	45.5
13	UDCon4	Combination	Max	Y	0.002928	45	26.8	14.8	45.5
13	UDCon4	Combination	Min	X	0.002032	6	20.5	19.6	45.5
13	UDCon4	Combination	Min	Y	0.002214	45	26.8	14.8	45.5
13	UDCon5	Combination	Max	Y	0.002978	45	26.8	14.8	45.5
13	UDCon5	Combination	Min	X	0.00187	6	20.5	19.6	45.5
13	UDCon5	Combination	Min	Y	0.002197	45	26.8	14.8	45.5
13	UDCon6	Combination	Max	Y	0.002955	45	26.8	14.8	45.5
13	UDCon6	Combination	Min	X	0.002047	6	20.5	19.6	45.5
13	UDCon6	Combination	Min	Y	0.002174	45	26.8	14.8	45.5
13	UDCon7	Combination	Max	Y	0.002921	45	26.8	14.8	45.5
13	UDCon7	Combination	Min	X	0.001973	6	20.5	19.6	45.5
13	UDCon7	Combination	Min	Y	0.002207	45	26.8	14.8	45.5
13	UDCon8	Combination	Max	Y	0.002911	45	26.8	14.8	45.5
13	UDCon8	Combination	Min	X	0.002013	6	20.5	19.6	45.5
13	UDCon8	Combination	Min	Y	0.002197	45	26.8	14.8	45.5
13	UDCon9	Combination	Max	Y	0.002961	45	26.8	14.8	45.5
13	UDCon9	Combination	Min	X	0.001851	6	20.5	19.6	45.5
13	UDCon9	Combination	Min	Y	0.00218	45	26.8	14.8	45.5
13	UDCon10	Combination	Max	Y	0.002938	45	26.8	14.8	45.5
13	UDCon10	Combination	Min	X	0.002028	6	20.5	19.6	45.5
13	UDCon10	Combination	Min	Y	0.002157	45	26.8	14.8	45.5
12F RF	Dead	LinStatic		X	0.000547	6	20.5	19.6	42
12F RF	Dead	LinStatic		Y	0.001016	45	26.8	14.8	42
12F RF	Live	LinStatic		X	6.3E-05	32	11.4	19.6	42
12F RF	Live	LinStatic		Y	5.6E-05	45	26.8	14.8	42
12F RF	FF	LinStatic		X	0.000366	6	20.5	19.6	42
12F RF	FF	LinStatic		Y	0.000791	45	26.8	14.8	42
12F RF	PW	LinStatic		X	0.000319	6	20.5	19.6	42
12F RF	PW	LinStatic		Y	0.000742	45	26.8	14.8	42
12F RF	Earthquake+x	LinStatic		X	0.000794	6	20.5	19.6	42
12F RF	Earthquake+x	LinStatic		Y	0.000293	33	3.75	19.6	42
12F RF	Earthquake+y	LinStatic		X	0.000117	33	3.75	19.6	42

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
12F RF	Earthquake+y	LinStatic		Y	0.000771	38	3.75	14.8	42
12F RF	TH-X Load Case	LinModHist	Max	X	0.000768	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Max	Y	0.000366	43	26.8	5	42
12F RF	TH-X Load Case	LinModHist	Min	X	0.000726	6	20.5	19.6	42
12F RF	TH-X Load Case	LinModHist	Min	Y	0.000398	38	3.75	14.8	42
12F RF	TH-Y Load Case	LinModHist	Max	X	0.000784	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Max	Y	0.000406	45	26.8	14.8	42
12F RF	TH-Y Load Case	LinModHist	Min	X	0.000604	6	20.5	19.6	42
12F RF	TH-Y Load Case	LinModHist	Min	Y	0.000383	43	26.8	5	42
12F RF	UDCon1	Combination		X	0.001664	6	20.5	19.6	42
12F RF	UDCon1	Combination		Y	0.003441	45	26.8	14.8	42
12F RF	UDCon2	Combination		X	0.001758	6	20.5	19.6	42
12F RF	UDCon2	Combination		Y	0.003525	45	26.8	14.8	42
12F RF	UDCon3	Combination	Max	Y	0.002931	45	26.8	14.8	42
12F RF	UDCon3	Combination	Min	X	0.001978	6	20.5	19.6	42
12F RF	UDCon3	Combination	Min	Y	0.002211	45	26.8	14.8	42
12F RF	UDCon4	Combination	Max	Y	0.00292	45	26.8	14.8	42
12F RF	UDCon4	Combination	Min	X	0.002019	6	20.5	19.6	42
12F RF	UDCon4	Combination	Min	Y	0.002201	45	26.8	14.8	42
12F RF	UDCon5	Combination	Max	Y	0.002971	45	26.8	14.8	42
12F RF	UDCon5	Combination	Min	X	0.001855	6	20.5	19.6	42
12F RF	UDCon5	Combination	Min	Y	0.002183	45	26.8	14.8	42
12F RF	UDCon6	Combination	Max	Y	0.002948	45	26.8	14.8	42
12F RF	UDCon6	Combination	Min	X	0.002035	6	20.5	19.6	42
12F RF	UDCon6	Combination	Min	Y	0.00216	45	26.8	14.8	42
12F RF	UDCon7	Combination	Max	Y	0.002914	45	26.8	14.8	42
12F RF	UDCon7	Combination	Min	X	0.001959	6	20.5	19.6	42
12F RF	UDCon7	Combination	Min	Y	0.002194	45	26.8	14.8	42
12F RF	UDCon8	Combination	Max	Y	0.002904	45	26.8	14.8	42
12F RF	UDCon8	Combination	Min	X	0.002	6	20.5	19.6	42
12F RF	UDCon8	Combination	Min	Y	0.002184	45	26.8	14.8	42
12F RF	UDCon9	Combination	Max	Y	0.002955	45	26.8	14.8	42
12F RF	UDCon9	Combination	Min	X	0.001836	6	20.5	19.6	42
12F RF	UDCon9	Combination	Min	Y	0.002167	45	26.8	14.8	42
12F RF	UDCon10	Combination	Max	Y	0.002931	45	26.8	14.8	42
12F RF	UDCon10	Combination	Min	X	0.002016	6	20.5	19.6	42
12F RF	UDCon10	Combination	Min	Y	0.002143	45	26.8	14.8	42
11F RF	Dead	LinStatic		X	0.00053	6	20.5	19.6	38.5
11F RF	Dead	LinStatic		Y	0.001007	45	26.8	14.8	38.5
11F RF	Live	LinStatic		X	6.1E-05	6	20.5	19.6	38.5
11F RF	Live	LinStatic		Y	5.5E-05	45	26.8	14.8	38.5
11F RF	FF	LinStatic		X	0.000355	6	20.5	19.6	38.5
11F RF	FF	LinStatic		Y	0.000785	45	26.8	14.8	38.5
11F RF	PW	LinStatic		X	0.000309	6	20.5	19.6	38.5
11F RF	PW	LinStatic		Y	0.000737	45	26.8	14.8	38.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
11F RF	Earthquake+x	LinStatic		X	0.000805	6	20.5	19.6	38.5
11F RF	Earthquake+x	LinStatic		Y	0.00029	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		X	0.000117	33	3.75	19.6	38.5
11F RF	Earthquake+y	LinStatic		Y	0.000769	38	3.75	14.8	38.5
11F RF	TH-X Load Case	LinModHist	Max	X	0.000781	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Max	Y	0.000367	43	26.8	5	38.5
11F RF	TH-X Load Case	LinModHist	Min	X	0.000737	6	20.5	19.6	38.5
11F RF	TH-X Load Case	LinModHist	Min	Y	0.000396	38	3.75	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Max	X	0.000797	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Max	Y	0.000408	45	26.8	14.8	38.5
11F RF	TH-Y Load Case	LinModHist	Min	X	0.000615	6	20.5	19.6	38.5
11F RF	TH-Y Load Case	LinModHist	Min	Y	0.000384	43	26.8	5	38.5
11F RF	UDCon1	Combination		X	0.001612	6	20.5	19.6	38.5
11F RF	UDCon1	Combination		Y	0.003414	45	26.8	14.8	38.5
11F RF	UDCon2	Combination		X	0.001704	6	20.5	19.6	38.5
11F RF	UDCon2	Combination		Y	0.003497	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Max	Y	0.002912	45	26.8	14.8	38.5
11F RF	UDCon3	Combination	Min	X	0.001949	6	20.5	19.6	38.5
11F RF	UDCon3	Combination	Min	Y	0.002191	47	26.8	10	38.5
11F RF	UDCon4	Combination	Max	Y	0.002902	45	26.8	14.8	38.5
11F RF	UDCon4	Combination	Min	X	0.001994	6	20.5	19.6	38.5
11F RF	UDCon4	Combination	Min	Y	0.002181	47	26.8	10	38.5
11F RF	UDCon5	Combination	Max	Y	0.002953	45	26.8	14.8	38.5
11F RF	UDCon5	Combination	Min	X	0.001827	6	20.5	19.6	38.5
11F RF	UDCon5	Combination	Min	Y	0.002164	47	26.8	10	38.5
11F RF	UDCon6	Combination	Max	Y	0.00293	45	26.8	14.8	38.5
11F RF	UDCon6	Combination	Min	X	0.00201	6	20.5	19.6	38.5
11F RF	UDCon6	Combination	Min	Y	0.002141	47	26.8	10	38.5
11F RF	UDCon7	Combination	Max	Y	0.002895	45	26.8	14.8	38.5
11F RF	UDCon7	Combination	Min	X	0.001931	6	20.5	19.6	38.5
11F RF	UDCon7	Combination	Min	Y	0.002174	47	26.8	10	38.5
11F RF	UDCon8	Combination	Max	Y	0.002885	45	26.8	14.8	38.5
11F RF	UDCon8	Combination	Min	X	0.001975	6	20.5	19.6	38.5
11F RF	UDCon8	Combination	Min	Y	0.002164	47	26.8	10	38.5
11F RF	UDCon9	Combination	Max	Y	0.002936	45	26.8	14.8	38.5
11F RF	UDCon9	Combination	Min	X	0.001809	6	20.5	19.6	38.5
11F RF	UDCon9	Combination	Min	Y	0.002147	47	26.8	10	38.5
11F RF	UDCon10	Combination	Max	Y	0.002913	45	26.8	14.8	38.5
11F RF	UDCon10	Combination	Min	X	0.001992	6	20.5	19.6	38.5
11F RF	UDCon10	Combination	Min	Y	0.002125	47	26.8	10	38.5
10F RF	Dead	LinStatic		X	0.000509	6	20.5	19.6	35
10F RF	Dead	LinStatic		Y	0.000994	45	26.8	14.8	35
10F RF	Live	LinStatic		X	5.9E-05	6	20.5	19.6	35
10F RF	Live	LinStatic		Y	5.4E-05	47	26.8	10	35
10F RF	FF	LinStatic		X	0.000341	6	20.5	19.6	35

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
10F RF	FF	LinStatic		Y	0.000776	45	26.8	14.8	35
10F RF	PW	LinStatic		X	0.000296	6	20.5	19.6	35
10F RF	PW	LinStatic		Y	0.000729	45	26.8	14.8	35
10F RF	Earthquake+x	LinStatic		X	0.000811	6	20.5	19.6	35
10F RF	Earthquake+x	LinStatic		Y	0.000286	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		X	0.000116	33	3.75	19.6	35
10F RF	Earthquake+y	LinStatic		Y	0.000763	38	3.75	14.8	35
10F RF	TH-X Load Case	LinModHist	Max	X	0.000791	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Max	Y	0.000368	43	26.8	5	35
10F RF	TH-X Load Case	LinModHist	Min	X	0.000743	6	20.5	19.6	35
10F RF	TH-X Load Case	LinModHist	Min	Y	0.000393	38	3.75	14.8	35
10F RF	TH-Y Load Case	LinModHist	Max	X	0.000808	6	20.5	19.6	35
10F RF	TH-Y Load Case	LinModHist	Max	Y	0.000408	45	26.8	14.8	35
10F RF	TH-Y Load Case	LinModHist	Min	X	0.000624	6	20.5	19.6	35
10F RF	TH-Y Load Case	LinModHist	Min	Y	0.000385	45	26.8	14.8	35
10F RF	UDCon1	Combination		X	0.001548	6	20.5	19.6	35
10F RF	UDCon1	Combination		Y	0.003373	45	26.8	14.8	35
10F RF	UDCon2	Combination		X	0.001636	6	20.5	19.6	35
10F RF	UDCon2	Combination		Y	0.003454	45	26.8	14.8	35
10F RF	UDCon3	Combination	Max	Y	0.002882	45	26.8	14.8	35
10F RF	UDCon3	Combination	Min	X	0.001907	6	20.5	19.6	35
10F RF	UDCon3	Combination	Min	Y	0.00216	47	26.8	10	35
10F RF	UDCon4	Combination	Max	Y	0.002872	45	26.8	14.8	35
10F RF	UDCon4	Combination	Min	X	0.001955	6	20.5	19.6	35
10F RF	UDCon4	Combination	Min	Y	0.00215	47	26.8	10	35
10F RF	UDCon5	Combination	Max	Y	0.002923	45	26.8	14.8	35
10F RF	UDCon5	Combination	Min	X	0.001788	6	20.5	19.6	35
10F RF	UDCon5	Combination	Min	Y	0.002133	47	26.8	10	35
10F RF	UDCon6	Combination	Max	Y	0.002899	45	26.8	14.8	35
10F RF	UDCon6	Combination	Min	X	0.001972	6	20.5	19.6	35
10F RF	UDCon6	Combination	Min	Y	0.002111	47	26.8	10	35
10F RF	UDCon7	Combination	Max	Y	0.002865	45	26.8	14.8	35
10F RF	UDCon7	Combination	Min	X	0.00189	6	20.5	19.6	35
10F RF	UDCon7	Combination	Min	Y	0.002143	47	26.8	10	35
10F RF	UDCon8	Combination	Max	Y	0.002856	45	26.8	14.8	35
10F RF	UDCon8	Combination	Min	X	0.001937	6	20.5	19.6	35
10F RF	UDCon8	Combination	Min	Y	0.002134	47	26.8	10	35
10F RF	UDCon9	Combination	Max	Y	0.002906	45	26.8	14.8	35
10F RF	UDCon9	Combination	Min	X	0.00177	6	20.5	19.6	35
10F RF	UDCon9	Combination	Min	Y	0.002117	47	26.8	10	35
10F RF	UDCon10	Combination	Max	Y	0.002883	45	26.8	14.8	35
10F RF	UDCon10	Combination	Min	X	0.001954	6	20.5	19.6	35
10F RF	UDCon10	Combination	Min	Y	0.002094	47	26.8	10	35
9F RF	Dead	LinStatic		X	0.000485	6	20.5	19.6	31.5
9F RF	Dead	LinStatic		Y	0.000976	45	26.8	14.8	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	Live	LinStatic		X	5.6E-05	6	20.5	19.6	31.5
9F RF	Live	LinStatic		Y	5.3E-05	47	26.8	10	31.5
9F RF	FF	LinStatic		X	0.000324	6	20.5	19.6	31.5
9F RF	FF	LinStatic		Y	0.000764	45	26.8	14.8	31.5
9F RF	PW	LinStatic		X	0.000282	6	20.5	19.6	31.5
9F RF	PW	LinStatic		Y	0.000717	45	26.8	14.8	31.5
9F RF	Earthquake+x	LinStatic		X	0.000812	6	20.5	19.6	31.5
9F RF	Earthquake+x	LinStatic		Y	0.00028	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		X	0.000116	33	3.75	19.6	31.5
9F RF	Earthquake+y	LinStatic		Y	0.000753	38	3.75	14.8	31.5
9F RF	TH-X Load Case	LinModHist	Max	X	0.000796	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Max	Y	0.000366	43	26.8	5	31.5
9F RF	TH-X Load Case	LinModHist	Min	X	0.000745	6	20.5	19.6	31.5
9F RF	TH-X Load Case	LinModHist	Min	Y	0.000387	38	3.75	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Max	X	0.000814	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Max	Y	0.000406	45	26.8	14.8	31.5
9F RF	TH-Y Load Case	LinModHist	Min	X	0.00063	6	20.5	19.6	31.5
9F RF	TH-Y Load Case	LinModHist	Min	Y	0.000383	45	26.8	14.8	31.5
9F RF	UDCon1	Combination		X	0.001472	6	20.5	19.6	31.5
9F RF	UDCon1	Combination		Y	0.003317	45	26.8	14.8	31.5
9F RF	UDCon2	Combination		X	0.001557	6	20.5	19.6	31.5
9F RF	UDCon2	Combination		Y	0.003396	45	26.8	14.8	31.5
9F RF	UDCon3	Combination	Max	Y	0.002839	45	26.8	14.8	31.5
9F RF	UDCon3	Combination	Min	X	0.001852	6	20.5	19.6	31.5
9F RF	UDCon3	Combination	Min	Y	0.002117	47	26.8	10	31.5
9F RF	UDCon4	Combination	Max	Y	0.00283	45	26.8	14.8	31.5
9F RF	UDCon4	Combination	Min	X	0.001903	6	20.5	19.6	31.5
9F RF	UDCon4	Combination	Min	Y	0.002108	47	26.8	10	31.5
9F RF	UDCon5	Combination	Max	Y	0.002879	45	26.8	14.8	31.5
9F RF	UDCon5	Combination	Min	X	0.001737	6	20.5	19.6	31.5
9F RF	UDCon5	Combination	Min	Y	0.002091	47	26.8	10	31.5
9F RF	UDCon6	Combination	Max	Y	0.002856	45	26.8	14.8	31.5
9F RF	UDCon6	Combination	Min	X	0.001921	6	20.5	19.6	31.5
9F RF	UDCon6	Combination	Min	Y	0.002069	47	26.8	10	31.5
9F RF	UDCon7	Combination	Max	Y	0.002823	45	26.8	14.8	31.5
9F RF	UDCon7	Combination	Min	X	0.001835	6	20.5	19.6	31.5
9F RF	UDCon7	Combination	Min	Y	0.002101	47	26.8	10	31.5
9F RF	UDCon8	Combination	Max	Y	0.002814	45	26.8	14.8	31.5
9F RF	UDCon8	Combination	Min	X	0.001887	6	20.5	19.6	31.5
9F RF	UDCon8	Combination	Min	Y	0.002092	47	26.8	10	31.5
9F RF	UDCon9	Combination	Max	X	0.000672	27	17.9	5	31.5
9F RF	UDCon9	Combination	Max	Y	0.002863	45	26.8	14.8	31.5
9F RF	UDCon9	Combination	Min	X	0.00172	6	20.5	19.6	31.5
9F RF	UDCon9	Combination	Min	Y	0.002075	47	26.8	10	31.5
9F RF	UDCon10	Combination	Max	Y	0.00284	45	26.8	14.8	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	UDCon10	Combination	Min	X	0.001904	6	20.5	19.6	31.5
9F RF	UDCon10	Combination	Min	Y	0.002053	47	26.8	10	31.5
8F RF	Dead	LinStatic		X	0.000458	6	20.5	19.6	28
8F RF	Dead	LinStatic		Y	0.000953	45	26.8	14.8	28
8F RF	Live	LinStatic		X	5.4E-05	6	20.5	19.6	28
8F RF	Live	LinStatic		Y	5.1E-05	45	26.8	14.8	28
8F RF	FF	LinStatic		X	0.000306	6	20.5	19.6	28
8F RF	FF	LinStatic		Y	0.000747	45	26.8	14.8	28
8F RF	PW	LinStatic		X	0.000265	6	20.5	19.6	28
8F RF	PW	LinStatic		Y	0.000703	45	26.8	14.8	28
8F RF	Earthquake+x	LinStatic		X	0.000807	6	20.5	19.6	28
8F RF	Earthquake+x	LinStatic		Y	0.000271	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		X	0.000117	33	3.75	19.6	28
8F RF	Earthquake+y	LinStatic		Y	0.000738	38	3.75	14.8	28
8F RF	TH-X Load Case	LinModHist	Max	X	0.000796	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Max	Y	0.000364	45	26.8	14.8	28
8F RF	TH-X Load Case	LinModHist	Min	X	0.000741	6	20.5	19.6	28
8F RF	TH-X Load Case	LinModHist	Min	Y	0.00038	38	3.75	14.8	28
8F RF	TH-Y Load Case	LinModHist	Max	X	0.000814	6	20.5	19.6	28
8F RF	TH-Y Load Case	LinModHist	Max	Y	0.000403	45	26.8	14.8	28
8F RF	TH-Y Load Case	LinModHist	Min	X	0.000631	6	20.5	19.6	28
8F RF	TH-Y Load Case	LinModHist	Min	Y	0.00038	45	26.8	14.8	28
8F RF	UDCon1	Combination		X	0.001389	6	20.5	19.6	28
8F RF	UDCon1	Combination		Y	0.003245	45	26.8	14.8	28
8F RF	UDCon2	Combination		X	0.00147	6	20.5	19.6	28
8F RF	UDCon2	Combination		Y	0.003322	45	26.8	14.8	28
8F RF	UDCon3	Combination	Max	X	0.000701	27	17.9	5	28
8F RF	UDCon3	Combination	Max	Y	0.002783	45	26.8	14.8	28
8F RF	UDCon3	Combination	Min	X	0.001786	6	20.5	19.6	28
8F RF	UDCon3	Combination	Min	Y	0.002065	45	26.8	14.8	28
8F RF	UDCon4	Combination	Max	Y	0.002774	45	26.8	14.8	28
8F RF	UDCon4	Combination	Min	X	0.001841	6	20.5	19.6	28
8F RF	UDCon4	Combination	Min	Y	0.002056	45	26.8	14.8	28
8F RF	UDCon5	Combination	Max	X	0.000704	27	17.9	5	28
8F RF	UDCon5	Combination	Max	Y	0.002822	45	26.8	14.8	28
8F RF	UDCon5	Combination	Min	X	0.001676	6	20.5	19.6	28
8F RF	UDCon5	Combination	Min	Y	0.00204	45	26.8	14.8	28
8F RF	UDCon6	Combination	Max	Y	0.002799	45	26.8	14.8	28
8F RF	UDCon6	Combination	Min	X	0.001859	6	20.5	19.6	28
8F RF	UDCon6	Combination	Min	Y	0.002017	45	26.8	14.8	28
8F RF	UDCon7	Combination	Max	X	0.00071	27	17.9	5	28
8F RF	UDCon7	Combination	Max	Y	0.002767	45	26.8	14.8	28
8F RF	UDCon7	Combination	Min	X	0.001769	6	20.5	19.6	28
8F RF	UDCon7	Combination	Min	Y	0.002049	45	26.8	14.8	28
8F RF	UDCon8	Combination	Max	X	0.000689	27	17.9	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	UDCon8	Combination	Max	Y	0.002758	45	26.8	14.8	28
8F RF	UDCon8	Combination	Min	X	0.001825	6	20.5	19.6	28
8F RF	UDCon8	Combination	Min	Y	0.00204	45	26.8	14.8	28
8F RF	UDCon9	Combination	Max	X	0.000714	27	17.9	5	28
8F RF	UDCon9	Combination	Max	Y	0.002806	45	26.8	14.8	28
8F RF	UDCon9	Combination	Min	X	0.00166	6	20.5	19.6	28
8F RF	UDCon9	Combination	Min	Y	0.002024	45	26.8	14.8	28
8F RF	UDCon10	Combination	Max	Y	0.002783	45	26.8	14.8	28
8F RF	UDCon10	Combination	Min	X	0.001843	6	20.5	19.6	28
8F RF	UDCon10	Combination	Min	Y	0.002001	45	26.8	14.8	28
7F RF	Dead	LinStatic		X	0.000429	6	20.5	19.6	24.5
7F RF	Dead	LinStatic		Y	0.000925	45	26.8	14.8	24.5
7F RF	Live	LinStatic		X	5.1E-05	6	20.5	19.6	24.5
7F RF	Live	LinStatic		Y	4.9E-05	45	26.8	14.8	24.5
7F RF	FF	LinStatic		X	0.000287	6	20.5	19.6	24.5
7F RF	FF	LinStatic		Y	0.000727	45	26.8	14.8	24.5
7F RF	PW	LinStatic		X	0.000249	6	20.5	19.6	24.5
7F RF	PW	LinStatic		Y	0.000684	45	26.8	14.8	24.5
7F RF	Earthquake+x	LinStatic		X	0.000794	6	20.5	19.6	24.5
7F RF	Earthquake+x	LinStatic		Y	0.000261	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		X	0.000118	33	3.75	19.6	24.5
7F RF	Earthquake+y	LinStatic		Y	0.00072	38	3.75	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Max	X	0.000789	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Max	Y	0.000359	45	26.8	14.8	24.5
7F RF	TH-X Load Case	LinModHist	Min	X	0.00073	6	20.5	19.6	24.5
7F RF	TH-X Load Case	LinModHist	Min	Y	0.00037	38	3.75	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Max	X	0.000807	6	20.5	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Max	Y	0.000396	45	26.8	14.8	24.5
7F RF	TH-Y Load Case	LinModHist	Min	X	0.000628	6	20.5	19.6	24.5
7F RF	TH-Y Load Case	LinModHist	Min	Y	0.000374	45	26.8	14.8	24.5
7F RF	UDCon1	Combination		X	0.001303	6	20.5	19.6	24.5
7F RF	UDCon1	Combination		Y	0.003153	45	26.8	14.8	24.5
7F RF	UDCon2	Combination		X	0.001379	6	20.5	19.6	24.5
7F RF	UDCon2	Combination		Y	0.003227	45	26.8	14.8	24.5
7F RF	UDCon3	Combination	Max	X	0.000741	27	17.9	5	24.5
7F RF	UDCon3	Combination	Max	Y	0.002709	45	26.8	14.8	24.5
7F RF	UDCon3	Combination	Min	X	0.00171	6	20.5	19.6	24.5
7F RF	UDCon3	Combination	Min	Y	0.002	45	26.8	14.8	24.5
7F RF	UDCon4	Combination	Max	X	0.000717	27	17.9	5	24.5
7F RF	UDCon4	Combination	Max	Y	0.002701	45	26.8	14.8	24.5
7F RF	UDCon4	Combination	Min	X	0.001769	6	20.5	19.6	24.5
7F RF	UDCon4	Combination	Min	Y	0.001992	45	26.8	14.8	24.5
7F RF	UDCon5	Combination	Max	X	0.000745	27	17.9	5	24.5
7F RF	UDCon5	Combination	Max	Y	0.002747	45	26.8	14.8	24.5
7F RF	UDCon5	Combination	Min	X	0.001608	6	20.5	19.6	24.5

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
7F RF	UDCon5	Combination	Min	Y	0.001977	45	26.8	14.8	24.5
7F RF	UDCon6	Combination	Max	Y	0.002724	45	26.8	14.8	24.5
7F RF	UDCon6	Combination	Min	X	0.001787	6	20.5	19.6	24.5
7F RF	UDCon6	Combination	Min	Y	0.001954	45	26.8	14.8	24.5
7F RF	UDCon7	Combination	Max	X	0.00075	27	17.9	5	24.5
7F RF	UDCon7	Combination	Max	Y	0.002695	45	26.8	14.8	24.5
7F RF	UDCon7	Combination	Min	X	0.001695	6	20.5	19.6	24.5
7F RF	UDCon7	Combination	Min	Y	0.001985	45	26.8	14.8	24.5
7F RF	UDCon8	Combination	Max	X	0.000726	27	17.9	5	24.5
7F RF	UDCon8	Combination	Max	Y	0.002686	45	26.8	14.8	24.5
7F RF	UDCon8	Combination	Min	X	0.001753	6	20.5	19.6	24.5
7F RF	UDCon8	Combination	Min	Y	0.001977	45	26.8	14.8	24.5
7F RF	UDCon9	Combination	Max	X	0.000753	27	17.9	5	24.5
7F RF	UDCon9	Combination	Max	Y	0.002732	45	26.8	14.8	24.5
7F RF	UDCon9	Combination	Min	X	0.001593	6	20.5	19.6	24.5
7F RF	UDCon9	Combination	Min	Y	0.001962	45	26.8	14.8	24.5
7F RF	UDCon10	Combination	Max	Y	0.002709	45	26.8	14.8	24.5
7F RF	UDCon10	Combination	Min	X	0.001772	6	20.5	19.6	24.5
7F RF	UDCon10	Combination	Min	Y	0.00194	45	26.8	14.8	24.5
6F RF	Dead	LinStatic		X	0.000402	6	20.5	19.6	21
6F RF	Dead	LinStatic		Y	0.000889	45	26.8	14.8	21
6F RF	Live	LinStatic		X	4.8E-05	6	20.5	19.6	21
6F RF	Live	LinStatic		Y	4.7E-05	45	26.8	14.8	21
6F RF	FF	LinStatic		X	0.000269	6	20.5	19.6	21
6F RF	FF	LinStatic		Y	0.0007	45	26.8	14.8	21
6F RF	PW	LinStatic		X	0.000233	6	20.5	19.6	21
6F RF	PW	LinStatic		Y	0.000659	45	26.8	14.8	21
6F RF	Earthquake+x	LinStatic		X	0.000774	33	3.75	19.6	21
6F RF	Earthquake+x	LinStatic		Y	0.000248	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		X	0.000118	33	3.75	19.6	21
6F RF	Earthquake+y	LinStatic		Y	0.000712	50	22.6	5	21
6F RF	TH-X Load Case	LinModHist	Max	X	0.000773	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Max	Y	0.000355	50	22.6	5	21
6F RF	TH-X Load Case	LinModHist	Min	X	0.000711	6	20.5	19.6	21
6F RF	TH-X Load Case	LinModHist	Min	Y	0.000358	33	3.75	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	X	0.000792	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Max	Y	0.000388	45	26.8	14.8	21
6F RF	TH-Y Load Case	LinModHist	Min	X	0.000618	6	20.5	19.6	21
6F RF	TH-Y Load Case	LinModHist	Min	Y	0.000366	45	26.8	14.8	21
6F RF	UDCon1	Combination		X	0.00122	6	20.5	19.6	21
6F RF	UDCon1	Combination		Y	0.003035	45	26.8	14.8	21
6F RF	UDCon2	Combination		X	0.001292	6	20.5	19.6	21
6F RF	UDCon2	Combination		Y	0.003106	45	26.8	14.8	21
6F RF	UDCon3	Combination	Max	X	0.000774	27	17.9	5	21
6F RF	UDCon3	Combination	Max	Y	0.002615	45	26.8	14.8	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	UDCon3	Combination	Min	X	0.001629	6	20.5	19.6	21
6F RF	UDCon3	Combination	Min	Y	0.001918	45	26.8	14.8	21
6F RF	UDCon4	Combination	Max	X	0.000747	27	17.9	5	21
6F RF	UDCon4	Combination	Max	Y	0.002607	45	26.8	14.8	21
6F RF	UDCon4	Combination	Min	X	0.001692	6	20.5	19.6	21
6F RF	UDCon4	Combination	Min	Y	0.001909	45	26.8	14.8	21
6F RF	UDCon5	Combination	Max	X	0.000777	27	17.9	5	21
6F RF	UDCon5	Combination	Max	Y	0.00265	45	26.8	14.8	21
6F RF	UDCon5	Combination	Min	X	0.001536	6	20.5	19.6	21
6F RF	UDCon5	Combination	Min	Y	0.001896	45	26.8	14.8	21
6F RF	UDCon6	Combination	Max	Y	0.002628	45	26.8	14.8	21
6F RF	UDCon6	Combination	Min	X	0.00171	6	20.5	19.6	21
6F RF	UDCon6	Combination	Min	Y	0.001875	45	26.8	14.8	21
6F RF	UDCon7	Combination	Max	X	0.000782	27	17.9	5	21
6F RF	UDCon7	Combination	Max	Y	0.002601	45	26.8	14.8	21
6F RF	UDCon7	Combination	Min	X	0.001615	6	20.5	19.6	21
6F RF	UDCon7	Combination	Min	Y	0.001904	45	26.8	14.8	21
6F RF	UDCon8	Combination	Max	X	0.000755	27	17.9	5	21
6F RF	UDCon8	Combination	Max	Y	0.002593	45	26.8	14.8	21
6F RF	UDCon8	Combination	Min	X	0.001677	6	20.5	19.6	21
6F RF	UDCon8	Combination	Min	Y	0.001895	45	26.8	14.8	21
6F RF	UDCon9	Combination	Max	X	0.000785	27	17.9	5	21
6F RF	UDCon9	Combination	Max	Y	0.002636	45	26.8	14.8	21
6F RF	UDCon9	Combination	Min	X	0.001522	6	20.5	19.6	21
6F RF	UDCon9	Combination	Min	Y	0.001882	45	26.8	14.8	21
6F RF	UDCon10	Combination	Max	X	0.000669	27	17.9	5	21
6F RF	UDCon10	Combination	Max	Y	0.002614	45	26.8	14.8	21
6F RF	UDCon10	Combination	Min	X	0.001696	6	20.5	19.6	21
6F RF	UDCon10	Combination	Min	Y	0.00186	45	26.8	14.8	21
5F RF	Dead	LinStatic		X	0.000375	6	20.5	19.6	17.5
5F RF	Dead	LinStatic		Y	0.000841	47	26.8	10	17.5
5F RF	Live	LinStatic		X	4.5E-05	6	20.5	19.6	17.5
5F RF	Live	LinStatic		Y	4.4E-05	48	26.8	12	17.5
5F RF	FF	LinStatic		X	0.000252	6	20.5	19.6	17.5
5F RF	FF	LinStatic		Y	0.000663	47	26.8	10	17.5
5F RF	PW	LinStatic		X	0.000218	6	20.5	19.6	17.5
5F RF	PW	LinStatic		Y	0.000625	47	26.8	10	17.5
5F RF	Earthquake+x	LinStatic		X	0.000744	11	7	19.6	17.5
5F RF	Earthquake+x	LinStatic		Y	0.000234	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		X	0.000117	33	3.75	19.6	17.5
5F RF	Earthquake+y	LinStatic		Y	0.000673	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Max	X	0.00075	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Max	Y	0.000342	45	26.8	14.8	17.5
5F RF	TH-X Load Case	LinModHist	Min	X	0.000687	6	20.5	19.6	17.5
5F RF	TH-X Load Case	LinModHist	Min	Y	0.000343	33	3.75	19.6	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	Max	X	0.000768	6	20.5	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Max	Y	0.000374	45	26.8	14.8	17.5
5F RF	TH-Y Load Case	LinModHist	Min	X	0.000602	6	20.5	19.6	17.5
5F RF	TH-Y Load Case	LinModHist	Min	Y	0.000353	45	26.8	14.8	17.5
5F RF	UDCon1	Combination		X	0.001141	6	20.5	19.6	17.5
5F RF	UDCon1	Combination		Y	0.002874	47	26.8	10	17.5
5F RF	UDCon2	Combination		X	0.001208	6	20.5	19.6	17.5
5F RF	UDCon2	Combination		Y	0.002941	47	26.8	10	17.5
5F RF	UDCon3	Combination	Max	X	0.000787	27	17.9	5	17.5
5F RF	UDCon3	Combination	Max	Y	0.002481	47	26.8	10	17.5
5F RF	UDCon3	Combination	Min	X	0.001546	6	20.5	19.6	17.5
5F RF	UDCon3	Combination	Min	Y	0.001812	47	26.8	10	17.5
5F RF	UDCon4	Combination	Max	X	0.000757	27	17.9	5	17.5
5F RF	UDCon4	Combination	Max	Y	0.002473	47	26.8	10	17.5
5F RF	UDCon4	Combination	Min	X	0.001608	6	20.5	19.6	17.5
5F RF	UDCon4	Combination	Min	Y	0.001804	47	26.8	10	17.5
5F RF	UDCon5	Combination	Max	X	0.00079	27	17.9	5	17.5
5F RF	UDCon5	Combination	Max	Y	0.002512	47	26.8	10	17.5
5F RF	UDCon5	Combination	Min	X	0.00146	6	20.5	19.6	17.5
5F RF	UDCon5	Combination	Min	Y	0.001793	47	26.8	10	17.5
5F RF	UDCon6	Combination	Max	X	0.000678	27	17.9	5	17.5
5F RF	UDCon6	Combination	Max	Y	0.002492	47	26.8	10	17.5
5F RF	UDCon6	Combination	Min	X	0.001627	6	20.5	19.6	17.5
5F RF	UDCon6	Combination	Min	Y	0.001773	47	26.8	10	17.5
5F RF	UDCon7	Combination	Max	X	0.000794	27	17.9	5	17.5
5F RF	UDCon7	Combination	Max	Y	0.002467	47	26.8	10	17.5
5F RF	UDCon7	Combination	Min	X	0.001532	6	20.5	19.6	17.5
5F RF	UDCon7	Combination	Min	Y	0.001798	47	26.8	10	17.5
5F RF	UDCon8	Combination	Max	X	0.000764	27	17.9	5	17.5
5F RF	UDCon8	Combination	Max	Y	0.00246	47	26.8	10	17.5
5F RF	UDCon8	Combination	Min	X	0.001595	6	20.5	19.6	17.5
5F RF	UDCon8	Combination	Min	Y	0.001791	47	26.8	10	17.5
5F RF	UDCon9	Combination	Max	X	0.000797	27	17.9	5	17.5
5F RF	UDCon9	Combination	Max	Y	0.002499	47	26.8	10	17.5
5F RF	UDCon9	Combination	Min	X	0.001447	6	20.5	19.6	17.5
5F RF	UDCon9	Combination	Min	Y	0.00178	47	26.8	10	17.5
5F RF	UDCon10	Combination	Max	X	0.000685	27	17.9	5	17.5
5F RF	UDCon10	Combination	Max	Y	0.002479	47	26.8	10	17.5
5F RF	UDCon10	Combination	Min	X	0.001614	6	20.5	19.6	17.5
5F RF	UDCon10	Combination	Min	Y	0.001759	47	26.8	10	17.5
4F RF	Dead	LinStatic		X	0.000346	6	20.5	19.6	14
4F RF	Dead	LinStatic		Y	0.000789	47	26.8	10	14
4F RF	Live	LinStatic		X	4.2E-05	6	20.5	19.6	14
4F RF	Live	LinStatic		Y	4.1E-05	47	26.8	10	14
4F RF	FF	LinStatic		X	0.000232	6	20.5	19.6	14

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
4F RF	FF	LinStatic		Y	0.000623	47	26.8	10	14
4F RF	PW	LinStatic		X	0.000201	6	20.5	19.6	14
4F RF	PW	LinStatic		Y	0.000588	47	26.8	10	14
4F RF	Earthquake+x	LinStatic		X	0.000705	33	3.75	19.6	14
4F RF	Earthquake+x	LinStatic		Y	0.000215	33	3.75	19.6	14
4F RF	Earthquake+y	LinStatic		X	0.000111	26	11.4	5	14
4F RF	Earthquake+y	LinStatic		Y	0.000716	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Max	X	0.000718	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Max	Y	0.000372	50	22.6	5	14
4F RF	TH-X Load Case	LinModHist	Min	X	0.000656	33	3.75	19.6	14
4F RF	TH-X Load Case	LinModHist	Min	Y	0.000367	50	22.6	5	14
4F RF	TH-Y Load Case	LinModHist	Max	X	0.000737	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Max	Y	0.000396	50	22.6	5	14
4F RF	TH-Y Load Case	LinModHist	Min	X	0.000578	33	3.75	19.6	14
4F RF	TH-Y Load Case	LinModHist	Min	Y	0.000377	50	22.6	5	14
4F RF	UDCon1	Combination		X	0.001052	6	20.5	19.6	14
4F RF	UDCon1	Combination		Y	0.002701	47	26.8	10	14
4F RF	UDCon2	Combination		X	0.001114	6	20.5	19.6	14
4F RF	UDCon2	Combination		Y	0.002762	47	26.8	10	14
4F RF	UDCon3	Combination	Max	X	0.000739	27	17.9	5	14
4F RF	UDCon3	Combination	Max	Y	0.002342	47	26.8	10	14
4F RF	UDCon3	Combination	Min	X	0.001445	6	20.5	19.6	14
4F RF	UDCon3	Combination	Min	Y	0.00169	47	26.8	10	14
4F RF	UDCon4	Combination	Max	X	0.000707	27	17.9	5	14
4F RF	UDCon4	Combination	Max	Y	0.002335	47	26.8	10	14
4F RF	UDCon4	Combination	Min	X	0.001507	6	20.5	19.6	14
4F RF	UDCon4	Combination	Min	Y	0.001684	47	26.8	10	14
4F RF	UDCon5	Combination	Max	X	0.000741	27	17.9	5	14
4F RF	UDCon5	Combination	Max	Y	0.002371	47	26.8	10	14
4F RF	UDCon5	Combination	Min	X	0.001367	6	20.5	19.6	14
4F RF	UDCon5	Combination	Min	Y	0.001675	47	26.8	10	14
4F RF	UDCon6	Combination	Max	X	0.000636	27	17.9	5	14
4F RF	UDCon6	Combination	Max	Y	0.002351	47	26.8	10	14
4F RF	UDCon6	Combination	Min	X	0.001524	6	20.5	19.6	14
4F RF	UDCon6	Combination	Min	Y	0.001655	47	26.8	10	14
4F RF	UDCon7	Combination	Max	X	0.000746	27	17.9	5	14
4F RF	UDCon7	Combination	Max	Y	0.00233	47	26.8	10	14
4F RF	UDCon7	Combination	Min	X	0.001433	6	20.5	19.6	14
4F RF	UDCon7	Combination	Min	Y	0.001678	47	26.8	10	14
4F RF	UDCon8	Combination	Max	X	0.000714	27	17.9	5	14
4F RF	UDCon8	Combination	Max	Y	0.002323	47	26.8	10	14
4F RF	UDCon8	Combination	Min	X	0.001494	6	20.5	19.6	14
4F RF	UDCon8	Combination	Min	Y	0.001671	47	26.8	10	14
4F RF	UDCon9	Combination	Max	X	0.000748	27	17.9	5	14
4F RF	UDCon9	Combination	Max	Y	0.002359	47	26.8	10	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	UDCon9	Combination	Min	X	0.001355	6	20.5	19.6	14
4F RF	UDCon9	Combination	Min	Y	0.001662	47	26.8	10	14
4F RF	UDCon10	Combination	Max	X	0.000643	27	17.9	5	14
4F RF	UDCon10	Combination	Max	Y	0.002339	47	26.8	10	14
4F RF	UDCon10	Combination	Min	X	0.001512	6	20.5	19.6	14
4F RF	UDCon10	Combination	Min	Y	0.001643	47	26.8	10	14
3F RF	Dead	LinStatic		X	0.000279	33	3.75	19.6	10.5
3F RF	Dead	LinStatic		Y	0.000742	47	26.8	10	10.5
3F RF	Live	LinStatic		X	3.7E-05	33	3.75	19.6	10.5
3F RF	Live	LinStatic		Y	3.8E-05	47	26.8	10	10.5
3F RF	FF	LinStatic		X	0.000186	33	3.75	19.6	10.5
3F RF	FF	LinStatic		Y	0.000588	47	26.8	10	10.5
3F RF	PW	LinStatic		Y	0.000555	47	26.8	10	10.5
3F RF	Earthquake+x	LinStatic		X	0.000659	6	20.5	19.6	10.5
3F RF	Earthquake+x	LinStatic		Y	0.000196	39	3.75	10	10.5
3F RF	Earthquake+y	LinStatic		X	0.00012	40	3.75	5	10.5
3F RF	Earthquake+y	LinStatic		Y	0.000622	42	24.7	5	10.5
3F RF	TH-X Load Case	LinModHist	Max	X	0.000681	6	20.5	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Max	Y	0.000321	42	24.7	5	10.5
3F RF	TH-X Load Case	LinModHist	Min	X	0.000622	11	7	19.6	10.5
3F RF	TH-X Load Case	LinModHist	Min	Y	0.000315	42	24.7	5	10.5
3F RF	TH-Y Load Case	LinModHist	Max	X	0.000698	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Max	Y	0.000342	42	24.7	5	10.5
3F RF	TH-Y Load Case	LinModHist	Min	X	0.00055	6	20.5	19.6	10.5
3F RF	TH-Y Load Case	LinModHist	Min	Y	0.000325	42	24.7	5	10.5
3F RF	UDCon1	Combination		X	0.000841	33	3.75	19.6	10.5
3F RF	UDCon1	Combination		Y	0.002544	47	26.8	10	10.5
3F RF	UDCon2	Combination		X	0.000896	33	3.75	19.6	10.5
3F RF	UDCon2	Combination		Y	0.002602	47	26.8	10	10.5
3F RF	UDCon3	Combination	Max	X	0.00085	43	26.8	5	10.5
3F RF	UDCon3	Combination	Max	Y	0.002211	47	26.8	10	10.5
3F RF	UDCon3	Combination	Min	X	0.001247	33	3.75	19.6	10.5
3F RF	UDCon3	Combination	Min	Y	0.001587	47	26.8	10	10.5
3F RF	UDCon4	Combination	Max	X	0.000815	43	26.8	5	10.5
3F RF	UDCon4	Combination	Max	Y	0.002206	47	26.8	10	10.5
3F RF	UDCon4	Combination	Min	X	0.0013	33	3.75	19.6	10.5
3F RF	UDCon4	Combination	Min	Y	0.001581	47	26.8	10	10.5
3F RF	UDCon5	Combination	Max	X	0.000852	43	26.8	5	10.5
3F RF	UDCon5	Combination	Max	Y	0.002237	47	26.8	10	10.5
3F RF	UDCon5	Combination	Min	X	0.001175	33	3.75	19.6	10.5
3F RF	UDCon5	Combination	Min	Y	0.001574	47	26.8	10	10.5
3F RF	UDCon6	Combination	Max	X	0.000752	43	26.8	5	10.5
3F RF	UDCon6	Combination	Max	Y	0.002218	47	26.8	10	10.5
3F RF	UDCon6	Combination	Min	X	0.001316	33	3.75	19.6	10.5
3F RF	UDCon6	Combination	Min	Y	0.001561	57	22.6	5.35	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	UDCon7	Combination	Max	X	0.000856	43	26.8	5	10.5
3F RF	UDCon7	Combination	Max	Y	0.0022	47	26.8	10	10.5
3F RF	UDCon7	Combination	Min	X	0.001236	33	3.75	19.6	10.5
3F RF	UDCon7	Combination	Min	Y	0.001575	47	26.8	10	10.5
3F RF	UDCon8	Combination	Max	X	0.000821	43	26.8	5	10.5
3F RF	UDCon8	Combination	Max	Y	0.002194	47	26.8	10	10.5
3F RF	UDCon8	Combination	Min	X	0.001289	33	3.75	19.6	10.5
3F RF	UDCon8	Combination	Min	Y	0.001569	47	26.8	10	10.5
3F RF	UDCon9	Combination	Max	X	0.000858	43	26.8	5	10.5
3F RF	UDCon9	Combination	Max	Y	0.002225	47	26.8	10	10.5
3F RF	UDCon9	Combination	Min	X	0.001164	33	3.75	19.6	10.5
3F RF	UDCon9	Combination	Min	Y	0.001562	47	26.8	10	10.5
3F RF	UDCon10	Combination	Max	X	0.000758	43	26.8	5	10.5
3F RF	UDCon10	Combination	Max	Y	0.002207	47	26.8	10	10.5
3F RF	UDCon10	Combination	Min	X	0.001305	33	3.75	19.6	10.5
3F RF	UDCon10	Combination	Min	Y	0.00155	57	22.6	5.35	10.5
2F RF	Dead	LinStatic		Y	0.00095	43	26.8	5	7
2F RF	Live	LinStatic		X	4.2E-05	11	7	19.6	7
2F RF	Live	LinStatic		Y	4.4E-05	43	26.8	5	7
2F RF	FF	LinStatic		Y	0.00077	43	26.8	5	7
2F RF	PW	LinStatic		Y	0.000734	43	26.8	5	7
2F RF	Earthquake+x	LinStatic		X	0.000613	51	24.7	8.8	7
2F RF	Earthquake+x	LinStatic		Y	0.000207	40	3.75	5	7
2F RF	Earthquake+y	LinStatic		X	0.000193	6	20.5	19.6	7
2F RF	Earthquake+y	LinStatic		Y	0.000961	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Max	X	0.000706	51	24.7	8.8	7
2F RF	TH-X Load Case	LinModHist	Max	Y	0.000534	57	22.6	5.35	7
2F RF	TH-X Load Case	LinModHist	Min	X	0.000654	53	24.7	6.9	7
2F RF	TH-X Load Case	LinModHist	Min	Y	0.0005	57	22.6	5.35	7
2F RF	TH-Y Load Case	LinModHist	Max	X	0.00071	51	24.7	8.8	7
2F RF	TH-Y Load Case	LinModHist	Max	Y	0.000579	57	22.6	5.35	7
2F RF	TH-Y Load Case	LinModHist	Min	X	0.0006	51	24.7	8.8	7
2F RF	TH-Y Load Case	LinModHist	Min	Y	0.000533	57	22.6	5.35	7
2F RF	UDCon1	Combination		Y	0.003312	43	26.8	5	7
2F RF	UDCon2	Combination		Y	0.003378	43	26.8	5	7
2F RF	UDCon3	Combination	Max	X	0.001402	43	26.8	5	7
2F RF	UDCon3	Combination	Max	Y	0.00276	43	26.8	5	7
2F RF	UDCon3	Combination	Min	X	0.001501	11	7	19.6	7
2F RF	UDCon3	Combination	Min	Y	0.002172	43	26.8	5	7
2F RF	UDCon4	Combination	Max	X	0.001366	43	26.8	5	7
2F RF	UDCon4	Combination	Max	Y	0.002761	43	26.8	5	7
2F RF	UDCon4	Combination	Min	X	0.001538	11	7	19.6	7
2F RF	UDCon4	Combination	Min	Y	0.002173	43	26.8	5	7
2F RF	UDCon5	Combination	Max	X	0.001403	43	26.8	5	7
2F RF	UDCon5	Combination	Max	Y	0.002777	43	26.8	5	7

Table 3.7 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
2F RF	UDCon5	Combination	Min	X	0.001431	11	7	19.6	7
2F RF	UDCon5	Combination	Min	Y	0.002167	43	26.8	5	7
2F RF	UDCon6	Combination	Max	X	0.001312	43	26.8	5	7
2F RF	UDCon6	Combination	Max	Y	0.002766	43	26.8	5	7
2F RF	UDCon6	Combination	Min	X	0.001553	11	7	19.6	7
2F RF	UDCon6	Combination	Min	Y	0.002156	43	26.8	5	7
2F RF	UDCon7	Combination	Max	X	0.001405	43	26.8	5	7
2F RF	UDCon7	Combination	Max	Y	0.002747	43	26.8	5	7
2F RF	UDCon7	Combination	Min	X	0.001489	11	7	19.6	7
2F RF	UDCon7	Combination	Min	Y	0.002159	43	26.8	5	7
2F RF	UDCon8	Combination	Max	X	0.001369	43	26.8	5	7
2F RF	UDCon8	Combination	Max	Y	0.002748	43	26.8	5	7
2F RF	UDCon8	Combination	Min	X	0.001526	11	7	19.6	7
2F RF	UDCon8	Combination	Min	Y	0.00216	43	26.8	5	7
2F RF	UDCon9	Combination	Max	X	0.001406	43	26.8	5	7
2F RF	UDCon9	Combination	Max	Y	0.002764	43	26.8	5	7
2F RF	UDCon9	Combination	Min	X	0.001419	11	7	19.6	7
2F RF	UDCon9	Combination	Min	Y	0.002154	43	26.8	5	7
2F RF	UDCon10	Combination	Max	X	0.001315	43	26.8	5	7
2F RF	UDCon10	Combination	Max	Y	0.002753	43	26.8	5	7
2F RF	UDCon10	Combination	Min	X	0.00154	11	7	19.6	7
2F RF	UDCon10	Combination	Min	Y	0.002143	43	26.8	5	7
1F RF	Dead	LinStatic		Y	0.002352	55	22.6	8.45	3.5
1F RF	Live	LinStatic		X	0.000278	39	3.75	10	3.5
1F RF	Live	LinStatic		Y	0.000163	26	11.4	5	3.5
1F RF	FF	LinStatic		Y	0.001913	55	22.6	8.45	3.5
1F RF	PW	LinStatic		Y	0.001826	55	22.6	8.45	3.5
1F RF	Earthquake+x	LinStatic		X	0.023155	57	22.6	5.35	3.5
1F RF	Earthquake+x	LinStatic		Y	0.005314	34	11.4	14.8	3.5
1F RF	Earthquake+y	LinStatic		X	0.00504	50	22.6	5	3.5
1F RF	Earthquake+y	LinStatic		Y	0.025699	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Max	X	0.035696	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Max	Y	0.014331	34	11.4	14.8	3.5
1F RF	TH-X Load Case	LinModHist	Min	X	0.037588	57	22.6	5.35	3.5
1F RF	TH-X Load Case	LinModHist	Min	Y	0.012894	35	11.4	10	3.5
1F RF	TH-Y Load Case	LinModHist	Max	X	0.035499	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Max	Y	0.012706	37	20.5	14.8	3.5
1F RF	TH-Y Load Case	LinModHist	Min	X	0.034305	57	22.6	5.35	3.5
1F RF	TH-Y Load Case	LinModHist	Min	Y	0.011621	37	20.5	14.8	3.5
1F RF	UDCon1	Combination		Y	0.008223	55	22.6	8.45	3.5
1F RF	UDCon2	Combination		Y	0.008407	55	22.6	8.45	3.5
1F RF	UDCon3	Combination	Max	X	0.036208	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Max	Y	0.015573	34	11.4	14.8	3.5
1F RF	UDCon3	Combination	Min	X	0.037076	57	22.6	5.35	3.5
1F RF	UDCon3	Combination	Min	Y	0.013954	35	11.4	10	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	UDCon4	Combination	Max	X	0.038099	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Max	Y	0.014098	34	11.4	14.8	3.5
1F RF	UDCon4	Combination	Min	X	0.035185	57	22.6	5.35	3.5
1F RF	UDCon4	Combination	Min	Y	0.015371	35	11.4	10	3.5
1F RF	UDCon5	Combination	Max	X	0.03601	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Max	Y	0.01428	37	20.5	14.8	3.5
1F RF	UDCon5	Combination	Min	X	0.033793	57	22.6	5.35	3.5
1F RF	UDCon5	Combination	Min	Y	0.011848	35	11.4	10	3.5
1F RF	UDCon6	Combination	Max	X	0.034816	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Max	Y	0.013194	37	20.5	14.8	3.5
1F RF	UDCon6	Combination	Min	X	0.034988	57	22.6	5.35	3.5
1F RF	UDCon6	Combination	Min	Y	0.011197	35	11.4	10	3.5
1F RF	UDCon7	Combination	Max	X	0.03621	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Max	Y	0.015575	34	11.4	14.8	3.5
1F RF	UDCon7	Combination	Min	X	0.037074	57	22.6	5.35	3.5
1F RF	UDCon7	Combination	Min	Y	0.013952	35	11.4	10	3.5
1F RF	UDCon8	Combination	Max	X	0.038101	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Max	Y	0.0141	34	11.4	14.8	3.5
1F RF	UDCon8	Combination	Min	X	0.035183	57	22.6	5.35	3.5
1F RF	UDCon8	Combination	Min	Y	0.015368	35	11.4	10	3.5
1F RF	UDCon9	Combination	Max	X	0.036013	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Max	Y	0.01427	37	20.5	14.8	3.5
1F RF	UDCon9	Combination	Min	X	0.033791	57	22.6	5.35	3.5
1F RF	UDCon9	Combination	Min	Y	0.011846	35	11.4	10	3.5
1F RF	UDCon10	Combination	Max	X	0.034818	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Max	Y	0.013185	37	20.5	14.8	3.5
1F RF	UDCon10	Combination	Min	X	0.034986	57	22.6	5.35	3.5
1F RF	UDCon10	Combination	Min	Y	0.011194	35	11.4	10	3.5

Table 3.8 - Story Forces (Part 1 of 2)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
16	Dead	LinStatic		Top	5596.6414	705.2697	-268.3707	-18810.0352
16	Dead	LinStatic		Bottom	11668.4492	724.249	-269.7584	-19230.6478
16	Live	LinStatic		Top	736.5102	-18.3335	22.8344	470.9664
16	Live	LinStatic		Bottom	766.4771	-15.7026	23.0616	426.0919
16	FF	LinStatic		Top	3415.87	672.3643	-354.7836	-18203.9845
16	FF	LinStatic		Bottom	8961.4131	684.5336	-356.7995	-18510.2015
16	PW	LinStatic		Top	2874.1473	678.0941	-368.4242	-18428.1019
16	PW	LinStatic		Bottom	8418.2786	688.3003	-370.5791	-18699.8841
16	Earthquake+x	LinStatic		Top	145.4973	-249.0066	-55.6405	2165.7092
16	Earthquake+x	LinStatic		Bottom	152.3232	-255.9855	-55.8761	2201.5304
16	Earthquake+y	LinStatic		Top	13.3858	-125.4676	-158.8099	216.1673
16	Earthquake+y	LinStatic		Bottom	33.5662	-124.8351	-163.8087	127.3767
16	TH-X Load Case	LinModHist	Max	Top	153.9344	241.7164	72.9563	1913.8659

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
16	TH-X Load Case	LinModHist	Max	Bottom	156.9667	248.7587	75.1775	1955.224
16	TH-X Load Case	LinModHist	Min	Top	-162.5235	-217.0459	-62.5354	-1851.296
16	TH-X Load Case	LinModHist	Min	Bottom	-169.0758	-223.4619	-63.492	-1884.4076
16	TH-Y Load Case	LinModHist	Max	Top	152.4972	171.235	77.8588	1863.0095
16	TH-Y Load Case	LinModHist	Max	Bottom	156.5284	176.5244	80.4309	1907.2644
16	TH-Y Load Case	LinModHist	Min	Top	-131.1435	-221.5037	-74.2774	-1460.4879
16	TH-Y Load Case	LinModHist	Min	Bottom	-133.6865	-227.5601	-76.0172	-1482.1409
16	UDCon1	Combination		Top	16046.9892	2775.2329	-1338.631	-74846.864
16	UDCon1	Combination		Bottom	39214.9903	2831.0618	-1346.1349	-76194.9902
16	UDCon2	Combination		Top	17151.7545	2747.7327	-1304.3794	-74140.4145
16	UDCon2	Combination		Bottom	40364.706	2807.508	-1311.5426	-75555.8523
16	UDCon3	Combination	Max	Top	12261.5461	2291.9445	-911.7718	-53386.9657
16	UDCon3	Combination	Max	Bottom	29435.0508	2341.1308	-915.041	-54357.6819
16	UDCon3	Combination	Min	Top	11945.0883	1833.1822	-1047.2636	-57152.1276
16	UDCon3	Combination	Min	Bottom	29109.0084	1868.9101	-1053.7105	-58197.3135
16	UDCon4	Combination	Max	Top	12270.1352	2267.2739	-922.1928	-53449.5356
16	UDCon4	Combination	Max	Bottom	29447.1599	2315.834	-926.7265	-54428.4983
16	UDCon4	Combination	Min	Top	11953.6774	1808.5116	-1057.6845	-57214.6975
16	UDCon4	Combination	Min	Bottom	29121.1175	1843.6133	-1065.3959	-58268.1299
16	UDCon5	Combination	Max	Top	12260.109	2221.4631	-906.8694	-53437.8221
16	UDCon5	Combination	Max	Bottom	29434.6125	2268.8965	-909.7876	-54405.6415
16	UDCon5	Combination	Min	Top	11976.4682	1828.7243	-1059.0056	-56761.3195
16	UDCon5	Combination	Min	Bottom	29144.3977	1864.812	-1066.2357	-57795.0468
16	UDCon6	Combination	Max	Top	12238.7553	2271.7318	-910.4508	-53840.3437
16	UDCon6	Combination	Max	Bottom	29411.7706	2319.9322	-914.2013	-54830.765
16	UDCon6	Combination	Min	Top	11955.1145	1878.993	-1062.587	-57163.841
16	UDCon6	Combination	Min	Bottom	29121.5557	1915.8477	-1070.6493	-58220.1703
16	UDCon7	Combination	Max	Top	12040.593	2297.4445	-918.6222	-53528.2556
16	UDCon7	Combination	Max	Bottom	29205.1077	2345.8416	-921.9595	-54485.5095
16	UDCon7	Combination	Min	Top	11724.1352	1838.6822	-1054.1139	-57293.4175
16	UDCon7	Combination	Min	Bottom	28879.0652	1873.6209	-1060.6289	-58325.1411
16	UDCon8	Combination	Max	Top	12049.1822	2272.774	-929.0431	-53590.8255
16	UDCon8	Combination	Max	Bottom	29217.2168	2320.5448	-933.645	-54556.3258
16	UDCon8	Combination	Min	Top	11732.7243	1814.0117	-1064.5349	-57355.9874
16	UDCon8	Combination	Min	Bottom	28891.1743	1848.3241	-1072.3144	-58395.9574
16	UDCon9	Combination	Max	Top	12039.1559	2226.9631	-913.7197	-53579.112
16	UDCon9	Combination	Max	Bottom	29204.6694	2273.6073	-916.7061	-54533.469
16	UDCon9	Combination	Min	Top	11755.5151	1834.2244	-1065.8559	-56902.6094
16	UDCon9	Combination	Min	Bottom	28914.4545	1869.5228	-1073.1541	-57922.8744
16	UDCon10	Combination	Max	Top	12017.8022	2277.2318	-917.3011	-53981.6336
16	UDCon10	Combination	Max	Bottom	29181.8275	2324.6429	-921.1198	-54958.5925
16	UDCon10	Combination	Min	Top	11734.1614	1884.4931	-1069.4373	-57305.131
16	UDCon10	Combination	Min	Bottom	28891.6126	1920.5584	-1077.5678	-58347.9979
15	Dead	LinStatic		Top	16116.8303	646.6272	-81.9079	-13973.8336
15	Dead	LinStatic		Bottom	22327.13	646.6272	-81.9079	-13973.8336

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
15	Live	LinStatic		Top	1395.8768	-39.146	26.0391	683.1649
15	Live	LinStatic		Bottom	1429.6913	-39.146	26.0391	683.1649
15	FF	LinStatic		Top	11750.7058	671.1507	-191.3251	-14414.6009
15	FF	LinStatic		Bottom	17425.8055	671.1507	-191.3251	-14414.6009
15	PW	LinStatic		Top	10744.4993	688.934	-207.8292	-14768.0536
15	PW	LinStatic		Bottom	16414.919	688.934	-207.8292	-14768.0536
15	Earthquake+x	LinStatic		Top	177.8507	-361.4523	-48.9863	3863.2667
15	Earthquake+x	LinStatic		Bottom	177.8507	-367.7446	-48.9863	3900.7143
15	Earthquake+y	LinStatic		Top	117.0562	-183.5588	-477.0542	-4042.4717
15	Earthquake+y	LinStatic		Bottom	117.0562	-183.5588	-483.3466	-4163.2427
15	TH-X Load Case	LinModHist	Max	Top	181.1724	352.9206	201.9885	4011.2164
15	TH-X Load Case	LinModHist	Max	Bottom	181.1724	359.4358	204.8146	4060.5408
15	TH-X Load Case	LinModHist	Min	Top	-209.1996	-306.8232	-179.2516	-4280.4719
15	TH-X Load Case	LinModHist	Min	Bottom	-209.1996	-312.7199	-181.9848	-4339.5543
15	TH-Y Load Case	LinModHist	Max	Top	182.8312	241.8913	227.8035	4467.3424
15	TH-Y Load Case	LinModHist	Max	Bottom	182.8312	246.8372	231.0795	4528.1538
15	TH-Y Load Case	LinModHist	Min	Top	-160.3278	-309.8746	-212.3847	-3872.0051
15	TH-Y Load Case	LinModHist	Min	Bottom	-160.3278	-315.4755	-215.7416	-3933.5716
15	UDCon1	Combination		Top	52126.2478	2709.0611	-649.434	-58261.259
15	UDCon1	Combination		Bottom	75826.6035	2709.0611	-649.434	-58261.259
15	UDCon2	Combination		Top	54220.063	2650.3421	-610.3753	-57236.5117
15	UDCon2	Combination		Bottom	77971.1404	2650.3421	-610.3753	-57236.5117
15	UDCon3	Combination	Max	Top	39211.9709	2347.8888	-271.2619	-38940.3222
15	UDCon3	Combination	Max	Bottom	56777.9343	2354.4039	-268.4359	-38890.9979
15	UDCon3	Combination	Min	Top	38821.5988	1688.1449	-652.502	-47232.0105
15	UDCon3	Combination	Min	Bottom	56387.5622	1682.2483	-655.2353	-47291.0929
15	UDCon4	Combination	Max	Top	39239.998	2301.7914	-293.9989	-38671.0668
15	UDCon4	Combination	Max	Bottom	56805.9614	2307.688	-291.2657	-38611.9844
15	UDCon4	Combination	Min	Top	38849.626	1642.0475	-675.239	-46962.7551
15	UDCon4	Combination	Min	Bottom	56415.5894	1635.5323	-678.065	-47012.0795
15	UDCon5	Combination	Max	Top	39213.6297	2236.8594	-245.4469	-38484.1963
15	UDCon5	Combination	Max	Bottom	56779.5931	2241.8053	-242.1709	-38423.3848
15	UDCon5	Combination	Min	Top	38870.4706	1685.0935	-685.6352	-46823.5437
15	UDCon5	Combination	Min	Bottom	56436.434	1679.4926	-688.9921	-46885.1102
15	UDCon6	Combination	Max	Top	39191.1263	2304.8427	-260.8657	-39079.5336
15	UDCon6	Combination	Max	Bottom	56757.0897	2310.4436	-257.5088	-39017.9671
15	UDCon6	Combination	Min	Top	38847.9672	1753.0768	-701.054	-47418.881
15	UDCon6	Combination	Min	Bottom	56413.9306	1748.1309	-704.33	-47479.6925
15	UDCon7	Combination	Max	Top	38793.2078	2359.6326	-279.0737	-39145.2717
15	UDCon7	Combination	Max	Bottom	56349.0269	2366.1478	-276.2476	-39095.9473
15	UDCon7	Combination	Min	Top	38402.8358	1699.8887	-660.3138	-47436.96
15	UDCon7	Combination	Min	Bottom	55958.6549	1693.9921	-663.047	-47496.0424
15	UDCon8	Combination	Max	Top	38821.235	2313.5352	-301.8106	-38876.0163
15	UDCon8	Combination	Max	Bottom	56377.0541	2319.4318	-299.0774	-38816.9339
15	UDCon8	Combination	Min	Top	38430.863	1653.7913	-683.0507	-47167.7046

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
15	UDCon8	Combination	Min	Bottom	55986.6821	1647.2761	-685.8768	-47217.0289
15	UDCon9	Combination	Max	Top	38794.8666	2248.6032	-253.2587	-38689.1458
15	UDCon9	Combination	Max	Bottom	56350.6857	2253.5491	-249.9827	-38628.3343
15	UDCon9	Combination	Min	Top	38451.7076	1696.8373	-693.4469	-47028.4932
15	UDCon9	Combination	Min	Bottom	56007.5266	1691.2365	-696.8038	-47090.0597
15	UDCon10	Combination	Max	Top	38772.3632	2316.5866	-268.6775	-39284.4831
15	UDCon10	Combination	Max	Bottom	56328.1823	2322.1874	-265.3206	-39222.9166
15	UDCon10	Combination	Min	Top	38429.2042	1764.8206	-708.8657	-47623.8305
15	UDCon10	Combination	Min	Bottom	55985.0232	1759.8747	-712.1417	-47684.642
14	Dead	LinStatic		Top	25838.309	580.3322	-145.1584	-13868.8797
14	Dead	LinStatic		Bottom	32048.6087	580.3322	-145.1584	-13868.8797
14	Live	LinStatic		Top	2027.5538	-39.0412	23.4488	725.7351
14	Live	LinStatic		Bottom	2061.3683	-39.0412	23.4488	725.7351
14	FF	LinStatic		Top	19438.6045	617.0424	-236.9242	-14481.5015
14	FF	LinStatic		Bottom	25113.7042	617.0424	-236.9242	-14481.5015
14	PW	LinStatic		Top	17986.3401	634.8152	-251.2432	-14855.8116
14	PW	LinStatic		Bottom	23656.7597	634.8152	-251.2432	-14855.8116
14	Earthquake+x	LinStatic		Top	142.483	-513.8554	-34.7196	6272.1316
14	Earthquake+x	LinStatic		Bottom	142.483	-519.7282	-34.7196	6307.0827
14	Earthquake+y	LinStatic		Top	190.2339	-207.6705	-730.9821	-7564.2367
14	Earthquake+y	LinStatic		Bottom	190.2339	-207.6705	-736.8549	-7676.9563
14	TH-X Load Case	LinModHist	Max	Top	157.2942	504.0337	306.0089	6554.0149
14	TH-X Load Case	LinModHist	Max	Bottom	157.2942	510.2546	308.7257	6600.2683
14	TH-X Load Case	LinModHist	Min	Top	-170.6124	-449.7809	-283.6405	-7116.6654
14	TH-X Load Case	LinModHist	Min	Bottom	-170.6124	-455.5185	-286.1653	-7173.0288
14	TH-Y Load Case	LinModHist	Max	Top	162.8869	355.0169	348.0945	7355.2761
14	TH-Y Load Case	LinModHist	Max	Bottom	162.8869	359.8933	351.1785	7411.9378
14	TH-Y Load Case	LinModHist	Min	Top	-141.548	-450.5043	-334.0668	-6606.2609
14	TH-Y Load Case	LinModHist	Min	Bottom	-141.548	-455.9845	-337.2639	-6665.1194
14	UDCon1	Combination		Top	85405.3924	2473.4561	-854.9898	-58328.3603
14	UDCon1	Combination		Bottom	109105.7481	2473.4561	-854.9898	-58328.3603
14	UDCon2	Combination		Top	88446.7231	2414.8943	-819.8166	-57239.7575
14	UDCon2	Combination		Bottom	112197.8005	2414.8943	-819.8166	-57239.7575
14	UDCon3	Combination	Max	Top	64028.8139	2324.511	-320.2822	-36434.4574
14	UDCon3	Combination	Max	Bottom	81594.7774	2330.7319	-317.5654	-36388.2039
14	UDCon3	Combination	Min	Top	63700.9073	1370.6965	-909.9316	-50105.1376
14	UDCon3	Combination	Min	Bottom	81266.8707	1364.9589	-912.4565	-50161.5011
14	UDCon4	Combination	Max	Top	64042.1321	2270.2582	-342.6506	-35871.8068
14	UDCon4	Combination	Max	Bottom	81608.0956	2275.9958	-340.1258	-35815.4434
14	UDCon4	Combination	Min	Top	63714.2255	1316.4437	-932.3	-49542.4871
14	UDCon4	Combination	Min	Bottom	81280.1889	1310.2228	-935.0168	-49588.7405
14	UDCon5	Combination	Max	Top	64034.4067	2175.4943	-278.1966	-35633.1962
14	UDCon5	Combination	Max	Bottom	81600.3701	2180.3707	-275.1126	-35576.5344
14	UDCon5	Combination	Min	Top	63729.9717	1369.973	-960.3579	-49594.7332
14	UDCon5	Combination	Min	Bottom	81295.9351	1364.4928	-963.5551	-49653.5916

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
14	UDCon6	Combination	Max	Top	64013.0677	2270.9817	-292.2243	-36382.2113
14	UDCon6	Combination	Max	Bottom	81579.0311	2276.4619	-289.0272	-36323.3529
14	UDCon6	Combination	Min	Top	63708.6328	1465.4604	-974.3856	-50343.7483
14	UDCon6	Combination	Min	Bottom	81274.5962	1460.584	-977.4696	-50400.4101
14	UDCon7	Combination	Max	Top	63420.5478	2336.2234	-327.3168	-36652.1779
14	UDCon7	Combination	Max	Bottom	80976.3669	2342.4443	-324.6001	-36605.9245
14	UDCon7	Combination	Min	Top	63092.6412	1382.4088	-916.9662	-50322.8582
14	UDCon7	Combination	Min	Bottom	80648.4603	1376.6712	-919.4911	-50379.2216
14	UDCon8	Combination	Max	Top	63433.866	2281.9706	-349.6853	-36089.5274
14	UDCon8	Combination	Max	Bottom	80989.6851	2287.7082	-347.1604	-36033.1639
14	UDCon8	Combination	Min	Top	63105.9594	1328.156	-939.3346	-49760.2076
14	UDCon8	Combination	Min	Bottom	80661.7785	1321.9351	-942.0514	-49806.4611
14	UDCon9	Combination	Max	Top	63426.1405	2187.2066	-285.2312	-35850.9167
14	UDCon9	Combination	Max	Bottom	80981.9596	2192.083	-282.1472	-35794.255
14	UDCon9	Combination	Min	Top	63121.7056	1381.6854	-967.3926	-49812.4537
14	UDCon9	Combination	Min	Bottom	80677.5247	1376.2052	-970.5897	-49871.3121
14	UDCon10	Combination	Max	Top	63404.8016	2282.694	-299.2589	-36599.9319
14	UDCon10	Combination	Max	Bottom	80960.6207	2288.1742	-296.0618	-36541.0734
14	UDCon10	Combination	Min	Top	63100.3667	1477.1728	-981.4203	-50561.4688
14	UDCon10	Combination	Min	Bottom	80656.1857	1472.2964	-984.5043	-50618.1306
13	Dead	LinStatic		Top	35712.9026	602.0005	-172.669	-14269.6947
13	Dead	LinStatic		Bottom	41923.2023	602.0005	-172.669	-14269.6947
13	Live	LinStatic		Top	2661.2895	-35.993	20.5291	670.1754
13	Live	LinStatic		Bottom	2695.1039	-35.993	20.5291	670.1754
13	FF	LinStatic		Top	27240.1763	633.7443	-257.3903	-14811.1773
13	FF	LinStatic		Bottom	32915.276	633.7443	-257.3903	-14811.1773
13	PW	LinStatic		Top	25339.4399	649.4132	-269.3607	-15143.0672
13	PW	LinStatic		Bottom	31009.8596	649.4132	-269.3607	-15143.0672
13	Earthquake+x	LinStatic		Top	102.6376	-639.7045	-12.281	8409.522
13	Earthquake+x	LinStatic		Bottom	102.6376	-645.1579	-12.281	8441.9766
13	Earthquake+y	LinStatic		Top	245.9599	-235.6399	-974.9658	-10973.0939
13	Earthquake+y	LinStatic		Bottom	245.9599	-235.6399	-980.4192	-11077.7621
13	TH-X Load Case	LinModHist	Max	Top	139.8393	630.5719	405.7859	8808.3739
13	TH-X Load Case	LinModHist	Max	Bottom	139.8393	636.4903	408.3927	8851.5184
13	TH-X Load Case	LinModHist	Min	Top	-137.8625	-571.7106	-387.5318	-9694.6087
13	TH-X Load Case	LinModHist	Min	Bottom	-137.8625	-577.2849	-389.9955	-9748.2166
13	TH-Y Load Case	LinModHist	Max	Top	147.8376	452.6709	461.3664	9967.3664
13	TH-Y Load Case	LinModHist	Max	Bottom	147.8376	457.4756	464.2572	10019.8218
13	TH-Y Load Case	LinModHist	Min	Top	-128.6205	-571.0521	-451.5374	-9155.1543
13	TH-Y Load Case	LinModHist	Min	Bottom	-128.6205	-576.4065	-454.5738	-9211.2682
13	UDCon1	Combination		Top	119194.9004	2544.9634	-944.217	-59702.3179
13	UDCon1	Combination		Bottom	142895.2562	2544.9634	-944.217	-59702.3179
13	UDCon2	Combination		Top	123186.8347	2490.9739	-913.4234	-58697.0548
13	UDCon2	Combination		Bottom	146937.9121	2490.9739	-913.4234	-58697.0548
13	UDCon3	Combination	Max	Top	89230.745	2504.932	-287.4754	-35214.5126

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
13	UDCon3	Combination	Max	Bottom	106796.7084	2510.8505	-284.8686	-35171.3682
13	UDCon3	Combination	Min	Top	88953.0432	1302.6495	-1080.7932	-53717.4953
13	UDCon3	Combination	Min	Bottom	106519.0066	1297.0753	-1083.2568	-53771.1031
13	UDCon4	Combination	Max	Top	89228.7682	2446.0708	-305.7295	-34328.2778
13	UDCon4	Combination	Max	Bottom	106794.7316	2451.645	-303.2658	-34274.67
13	UDCon4	Combination	Min	Top	88951.0664	1243.7883	-1099.0472	-52831.2605
13	UDCon4	Combination	Min	Bottom	106517.0298	1237.8698	-1101.654	-52874.4049
13	UDCon5	Combination	Max	Top	89238.7433	2327.031	-231.895	-34055.5201
13	UDCon5	Combination	Max	Bottom	106804.7067	2331.8357	-229.0041	-34003.0647
13	UDCon5	Combination	Min	Top	88962.2852	1303.3081	-1144.7987	-53178.0409
13	UDCon5	Combination	Min	Bottom	106528.2486	1297.9536	-1147.8351	-53234.1548
13	UDCon6	Combination	Max	Top	89219.5262	2445.4122	-241.7239	-34867.7322
13	UDCon6	Combination	Max	Bottom	106785.4896	2450.7667	-238.6875	-34811.6183
13	UDCon6	Combination	Min	Top	88943.0681	1421.6893	-1154.6277	-53990.253
13	UDCon6	Combination	Min	Bottom	106509.0315	1416.8846	-1157.5185	-54042.7084
13	UDCon7	Combination	Max	Top	88432.3581	2515.7299	-293.6341	-35415.5652
13	UDCon7	Combination	Max	Bottom	105988.1772	2521.6484	-291.0273	-35372.4208
13	UDCon7	Combination	Min	Top	88154.6564	1313.4474	-1086.9519	-53918.5479
13	UDCon7	Combination	Min	Bottom	105710.4754	1307.8732	-1089.4155	-53972.1557
13	UDCon8	Combination	Max	Top	88430.3813	2456.8687	-311.8882	-34529.3305
13	UDCon8	Combination	Max	Bottom	105986.2004	2462.4429	-309.4246	-34475.7226
13	UDCon8	Combination	Min	Top	88152.6796	1254.5862	-1105.206	-53032.3131
13	UDCon8	Combination	Min	Bottom	105708.4986	1248.6677	-1107.8127	-53075.4576
13	UDCon9	Combination	Max	Top	88440.3564	2337.8289	-238.0537	-34256.5728
13	UDCon9	Combination	Max	Bottom	105996.1755	2342.6336	-235.1628	-34204.1173
13	UDCon9	Combination	Min	Top	88163.8983	1314.106	-1150.9574	-53379.0935
13	UDCon9	Combination	Min	Bottom	105719.7174	1308.7515	-1153.9938	-53435.2074
13	UDCon10	Combination	Max	Top	88421.1394	2456.2101	-247.8826	-35068.7848
13	UDCon10	Combination	Max	Bottom	105976.9584	2461.5646	-244.8462	-35012.6709
13	UDCon10	Combination	Min	Top	88144.6813	1432.4872	-1160.7864	-54191.3056
13	UDCon10	Combination	Min	Bottom	105700.5004	1427.6825	-1163.6772	-54243.761
12F RF	Dead	LinStatic		Top	45702.3753	615.5608	-210.29	-15031.4194
12F RF	Dead	LinStatic		Bottom	51912.675	615.5608	-210.29	-15031.4194
12F RF	Live	LinStatic		Top	3303.9919	-33.6084	17.9101	597.9721
12F RF	Live	LinStatic		Bottom	3337.8064	-33.6084	17.9101	597.9721
12F RF	FF	LinStatic		Top	35121.9027	642.7974	-285.5216	-15362.1653
12F RF	FF	LinStatic		Bottom	40797.0023	642.7974	-285.5216	-15362.1653
12F RF	PW	LinStatic		Top	32766.3528	656.9074	-295.554	-15643.4041
12F RF	PW	LinStatic		Bottom	38436.7725	656.9074	-295.554	-15643.4041
12F RF	Earthquake+x	LinStatic		Top	53.2153	-760.7676	6.7286	10416.4724
12F RF	Earthquake+x	LinStatic		Bottom	53.2153	-765.8015	6.7286	10446.4304
12F RF	Earthquake+y	LinStatic		Top	296.5966	-262.7854	-1195.9294	-14040.8896
12F RF	Earthquake+y	LinStatic		Bottom	296.5966	-262.7854	-1200.9633	-14137.5065
12F RF	TH-X Load Case	LinModHist	Max	Top	135.3342	753.1597	499.3937	10956.731
12F RF	TH-X Load Case	LinModHist	Max	Bottom	135.3342	758.7694	501.8902	10996.7436

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
12F RF	TH-X Load Case	LinModHist	Min	Top	-154.5449	-694.3996	-487.1714	-12162.7574
12F RF	TH-X Load Case	LinModHist	Min	Bottom	-154.5449	-699.8073	-489.5736	-12213.5867
12F RF	TH-Y Load Case	LinModHist	Max	Top	132.7416	553.3756	563.9516	12418.0972
12F RF	TH-Y Load Case	LinModHist	Max	Bottom	132.7416	558.3129	566.6489	12466.3017
12F RF	TH-Y Load Case	LinModHist	Min	Top	-135.3411	-692.9205	-559.7586	-11605.2882
12F RF	TH-Y Load Case	LinModHist	Min	Bottom	-135.3411	-698.1429	-562.6339	-11658.6211
12F RF	UDCon1	Combination		Top	153347.3514	2585.6086	-1068.3435	-62149.9349
12F RF	UDCon1	Combination		Bottom	177047.7072	2585.6086	-1068.3435	-62149.9349
12F RF	UDCon2	Combination		Top	158303.3393	2535.196	-1041.4783	-61252.9768
12F RF	UDCon2	Combination		Bottom	182054.4167	2535.196	-1041.4783	-61252.9768
12F RF	UDCon3	Combination	Max	Top	114717.1624	2658.3428	-286.5988	-34900.8661
12F RF	UDCon3	Combination	Max	Bottom	132283.1258	2663.9524	-284.1023	-34860.8536
12F RF	UDCon3	Combination	Min	Top	114427.2834	1210.7835	-1273.164	-58020.3545
12F RF	UDCon3	Combination	Min	Bottom	131993.2468	1205.3758	-1275.5661	-58071.1838
12F RF	UDCon4	Combination	Max	Top	114736.3731	2599.5827	-298.8211	-33694.8398
12F RF	UDCon4	Combination	Max	Bottom	132302.3365	2604.9903	-296.4189	-33644.0105
12F RF	UDCon4	Combination	Min	Top	114446.4941	1152.0233	-1285.3863	-56814.3282
12F RF	UDCon4	Combination	Min	Bottom	132012.4575	1146.4137	-1287.8827	-56854.3407
12F RF	UDCon5	Combination	Max	Top	114714.5699	2458.5587	-222.0409	-33439.4999
12F RF	UDCon5	Combination	Max	Bottom	132280.5333	2463.496	-219.3436	-33391.2955
12F RF	UDCon5	Combination	Min	Top	114446.4872	1212.2626	-1345.7511	-57462.8854
12F RF	UDCon5	Combination	Min	Bottom	132012.4506	1207.0402	-1348.6264	-57516.2182
12F RF	UDCon6	Combination	Max	Top	114717.1694	2598.1036	-226.2339	-34252.309
12F RF	UDCon6	Combination	Max	Bottom	132283.1328	2603.3259	-223.3587	-34198.9761
12F RF	UDCon6	Combination	Min	Top	114449.0867	1351.8075	-1349.9441	-58275.6944
12F RF	UDCon6	Combination	Min	Bottom	132015.0501	1346.8702	-1352.6414	-58323.8988
12F RF	UDCon7	Combination	Max	Top	113725.9649	2668.4253	-291.9718	-35080.2578
12F RF	UDCon7	Combination	Max	Bottom	131281.7839	2674.035	-289.4754	-35040.2452
12F RF	UDCon7	Combination	Min	Top	113436.0858	1220.866	-1278.537	-58199.7461
12F RF	UDCon7	Combination	Min	Bottom	130991.9049	1215.4584	-1280.9392	-58250.5754
12F RF	UDCon8	Combination	Max	Top	113745.1756	2609.6652	-304.1941	-33874.2314
12F RF	UDCon8	Combination	Max	Bottom	131300.9946	2615.0729	-301.792	-33823.4021
12F RF	UDCon8	Combination	Min	Top	113455.2965	1162.1059	-1290.7593	-56993.7198
12F RF	UDCon8	Combination	Min	Bottom	131011.1156	1156.4963	-1293.2558	-57033.7324
12F RF	UDCon9	Combination	Max	Top	113723.3723	2468.6412	-227.414	-33618.8915
12F RF	UDCon9	Combination	Max	Bottom	131279.1914	2473.5785	-224.7167	-33570.6871
12F RF	UDCon9	Combination	Min	Top	113455.2896	1222.3451	-1351.1242	-57642.277
12F RF	UDCon9	Combination	Min	Bottom	131011.1087	1217.1228	-1353.9994	-57695.6099
12F RF	UDCon10	Combination	Max	Top	113725.9718	2608.1861	-231.607	-34431.7006
12F RF	UDCon10	Combination	Max	Bottom	131281.7909	2613.4085	-228.7317	-34378.3677
12F RF	UDCon10	Combination	Min	Top	113457.8891	1361.89	-1355.3171	-58455.086
12F RF	UDCon10	Combination	Min	Bottom	131013.7081	1356.9527	-1358.0145	-58503.2905
11F RF	Dead	LinStatic		Top	55753.8057	630.6891	-263.8694	-16091.4833
11F RF	Dead	LinStatic		Bottom	61964.1054	630.6891	-263.8694	-16091.4833
11F RF	Live	LinStatic		Top	3952.3412	-31.0175	14.1811	502.426

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
11F RF	Live	LinStatic		Bottom	3986.1557	-31.0175	14.1811	502.426
11F RF	FF	LinStatic		Top	43041.3358	651.7552	-326.2335	-16129.2928
11F RF	FF	LinStatic		Bottom	48716.4355	651.7552	-326.2335	-16129.2928
11F RF	PW	LinStatic		Top	40227.2058	664.1862	-333.6419	-16344.9797
11F RF	PW	LinStatic		Bottom	45897.6255	664.1862	-333.6419	-16344.9797
11F RF	Earthquake+x	LinStatic		Top	-2.9625	-873.5559	23.5778	12258.187
11F RF	Earthquake+x	LinStatic		Bottom	-2.9625	-878.1703	23.5778	12285.6486
11F RF	Earthquake+y	LinStatic		Top	342.5122	-291.286	-1397.4364	-16797.3656
11F RF	Earthquake+y	LinStatic		Bottom	342.5122	-291.286	-1402.0508	-16885.931
11F RF	TH-X Load Case	LinModHist	Max	Top	157.4827	868.6035	587.977	12960.0479
11F RF	TH-X Load Case	LinModHist	Max	Bottom	157.4827	873.9002	590.3635	12996.9317
11F RF	TH-X Load Case	LinModHist	Min	Top	-168.2624	-814.332	-583.6432	-14483.986
11F RF	TH-X Load Case	LinModHist	Min	Bottom	-168.2624	-819.5712	-585.984	-14532.0373
11F RF	TH-Y Load Case	LinModHist	Max	Top	155.0815	653.3999	657.4409	14669.8981
11F RF	TH-Y Load Case	LinModHist	Max	Bottom	155.0815	658.2366	659.9456	14713.8347
11F RF	TH-Y Load Case	LinModHist	Min	Top	-151.3074	-812.3904	-660.3665	-13925.8149
11F RF	TH-Y Load Case	LinModHist	Min	Bottom	-151.3074	-817.4735	-663.0812	-13976.3407
11F RF	UDCon1	Combination		Top	187680.1689	2627.9512	-1247.0554	-65563.7705
11F RF	UDCon1	Combination		Bottom	211380.5246	2627.9512	-1247.0554	-65563.7705
11F RF	UDCon2	Combination		Top	193608.6807	2581.425	-1225.7837	-64810.1315
11F RF	UDCon2	Combination		Bottom	217359.7581	2581.425	-1225.7837	-64810.1315
11F RF	UDCon3	Combination	Max	Top	140365.5323	2805.9288	-331.5134	-35454.9802
11F RF	UDCon3	Combination	Max	Bottom	157931.4957	2811.2255	-329.1269	-35418.0964
11F RF	UDCon3	Combination	Min	Top	140039.7873	1122.9933	-1503.1336	-62899.0142
11F RF	UDCon3	Combination	Min	Bottom	157605.7507	1117.7541	-1505.4744	-62947.0654
11F RF	UDCon4	Combination	Max	Top	140376.3121	2751.6573	-335.8473	-33931.0421
11F RF	UDCon4	Combination	Max	Bottom	157942.2755	2756.8964	-333.5064	-33882.9909
11F RF	UDCon4	Combination	Min	Top	140050.567	1068.7218	-1507.4675	-61375.076
11F RF	UDCon4	Combination	Min	Bottom	157616.5304	1063.4251	-1509.8539	-61411.9598
11F RF	UDCon5	Combination	Max	Top	140363.1312	2590.7252	-262.0495	-33745.13
11F RF	UDCon5	Combination	Max	Bottom	157929.0946	2595.5619	-259.5448	-33701.1934
11F RF	UDCon5	Combination	Min	Top	140056.7423	1124.9349	-1579.8569	-62340.8431
11F RF	UDCon5	Combination	Min	Bottom	157622.7057	1119.8518	-1582.5716	-62391.3688
11F RF	UDCon6	Combination	Max	Top	140359.3571	2749.7156	-259.1239	-34489.2132
11F RF	UDCon6	Combination	Max	Bottom	157925.3205	2754.7988	-256.4092	-34438.6875
11F RF	UDCon6	Combination	Min	Top	140052.9682	1283.9254	-1576.9313	-63084.9262
11F RF	UDCon6	Combination	Min	Bottom	157618.9316	1279.0887	-1579.4361	-63128.8628
11F RF	UDCon7	Combination	Max	Top	139179.83	2815.234	-335.7677	-35605.708
11F RF	UDCon7	Combination	Max	Bottom	156735.649	2820.5307	-333.3813	-35568.8242
11F RF	UDCon7	Combination	Min	Top	138854.0849	1132.2985	-1507.3879	-63049.742
11F RF	UDCon7	Combination	Min	Bottom	156409.904	1127.0594	-1509.7288	-63097.7932
11F RF	UDCon8	Combination	Max	Top	139190.6097	2760.9625	-340.1016	-34081.7699
11F RF	UDCon8	Combination	Max	Bottom	156746.4288	2766.2017	-337.7608	-34033.7187
11F RF	UDCon8	Combination	Min	Top	138864.8646	1078.027	-1511.7218	-61525.8038
11F RF	UDCon8	Combination	Min	Bottom	156420.6837	1072.7304	-1514.1083	-61562.6876

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
11F RF	UDCon9	Combination	Max	Top	139177.4288	2600.0304	-266.3038	-33895.8578
11F RF	UDCon9	Combination	Max	Bottom	156733.2479	2604.8671	-263.7991	-33851.9212
11F RF	UDCon9	Combination	Min	Top	138871.0399	1134.2402	-1584.1113	-62491.5709
11F RF	UDCon9	Combination	Min	Bottom	156426.859	1129.157	-1586.826	-62542.0966
11F RF	UDCon10	Combination	Max	Top	139173.6547	2759.0209	-263.3783	-34639.941
11F RF	UDCon10	Combination	Max	Bottom	156729.4738	2764.104	-260.6636	-34589.4153
11F RF	UDCon10	Combination	Min	Top	138867.2658	1293.2306	-1581.1857	-63235.654
11F RF	UDCon10	Combination	Min	Bottom	156423.0849	1288.3939	-1583.6904	-63279.5906
10F RF	Dead	LinStatic		Top	65844.2395	643.7995	-341.2743	-17484.7233
10F RF	Dead	LinStatic		Bottom	72054.5392	643.7995	-341.2743	-17484.7233
10F RF	Live	LinStatic		Top	4604.1905	-28.5491	9.3323	395.897
10F RF	Live	LinStatic		Bottom	4638.0049	-28.5491	9.3323	395.897
10F RF	FF	LinStatic		Top	50986.2651	658.7835	-386.2268	-17170.4574
10F RF	FF	LinStatic		Bottom	56661.3648	658.7835	-386.2268	-17170.4574
10F RF	PW	LinStatic		Top	47711.2694	669.6488	-390.2783	-17314.0248
10F RF	PW	LinStatic		Bottom	53381.6891	669.6488	-390.2783	-17314.0248
10F RF	Earthquake+x	LinStatic		Top	-65.4473	-978.5147	37.8806	13925.5504
10F RF	Earthquake+x	LinStatic		Bottom	-65.4473	-982.7096	37.8806	13950.5154
10F RF	Earthquake+y	LinStatic		Top	382.893	-320.4529	-1579.4343	-19231.7699
10F RF	Earthquake+y	LinStatic		Bottom	382.893	-320.4529	-1583.6292	-19312.2839
10F RF	TH-X Load Case	LinModHist	Max	Top	177.9305	976.8508	671.4209	14812.2347
10F RF	TH-X Load Case	LinModHist	Max	Bottom	177.9305	981.8334	673.6985	14846.0267
10F RF	TH-X Load Case	LinModHist	Min	Top	-178.2029	-931.806	-676.6741	-16648.2545
10F RF	TH-X Load Case	LinModHist	Min	Bottom	-178.2029	-936.8764	-678.954	-16693.5578
10F RF	TH-Y Load Case	LinModHist	Max	Top	176.9892	752.4113	745.446	16714.2855
10F RF	TH-Y Load Case	LinModHist	Max	Bottom	176.9892	757.1448	747.5099	16753.977
10F RF	TH-Y Load Case	LinModHist	Min	Top	-171.5699	-929.7168	-753.1818	-16104.9892
10F RF	TH-Y Load Case	LinModHist	Min	Bottom	-171.5699	-934.6536	-755.7378	-16152.7
10F RF	UDCon1	Combination		Top	222131.395	2662.5128	-1509.0022	-70158.4274
10F RF	UDCon1	Combination		Bottom	245831.7507	2662.5128	-1509.0022	-70158.4274
10F RF	UDCon2	Combination		Top	229037.6807	2619.6891	-1495.0038	-69564.5819
10F RF	UDCon2	Combination		Bottom	252788.7581	2619.6891	-1495.0038	-69564.5819
10F RF	UDCon3	Combination	Max	Top	166100.9617	2940.5178	-443.5588	-37038.2017
10F RF	UDCon3	Combination	Max	Bottom	183666.9251	2945.5004	-441.2812	-37004.4097
10F RF	UDCon3	Combination	Min	Top	165744.8283	1031.8609	-1791.6538	-68498.6909
10F RF	UDCon3	Combination	Min	Bottom	183310.7917	1026.7905	-1793.9338	-68543.9942
10F RF	UDCon4	Combination	Max	Top	166101.2341	2895.473	-438.3057	-35202.1819
10F RF	UDCon4	Combination	Max	Bottom	183667.1975	2900.5434	-436.0257	-35156.8786
10F RF	UDCon4	Combination	Min	Top	165745.1007	986.8161	-1786.4006	-66662.6711
10F RF	UDCon4	Combination	Min	Bottom	183311.0641	981.8335	-1788.6782	-66696.4631
10F RF	UDCon5	Combination	Max	Top	166100.0204	2716.0783	-369.5337	-35136.1509
10F RF	UDCon5	Combination	Max	Bottom	183665.9838	2720.8117	-367.4699	-35096.4594
10F RF	UDCon5	Combination	Min	Top	165751.4613	1033.9501	-1868.1615	-67955.4256
10F RF	UDCon5	Combination	Min	Bottom	183317.4247	1029.0134	-1870.7175	-68003.1364
10F RF	UDCon6	Combination	Max	Top	166094.6011	2893.3838	-361.7979	-35745.4472

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
10F RF	UDCon6	Combination	Max	Bottom	183660.5645	2898.3205	-359.242	-35697.7364
10F RF	UDCon6	Combination	Min	Top	165746.042	1211.2556	-1860.4258	-68564.7219
10F RF	UDCon6	Combination	Min	Bottom	183312.0054	1206.5222	-1862.4896	-68604.4134
10F RF	UDCon7	Combination	Max	Top	164719.7046	2949.0825	-446.3585	-37156.9708
10F RF	UDCon7	Combination	Max	Bottom	182275.5237	2954.0651	-444.0809	-37123.1788
10F RF	UDCon7	Combination	Min	Top	164363.5712	1040.4257	-1794.4535	-68617.46
10F RF	UDCon7	Combination	Min	Bottom	181919.3902	1035.3553	-1796.7334	-68662.7633
10F RF	UDCon8	Combination	Max	Top	164719.977	2904.0377	-441.1054	-35320.951
10F RF	UDCon8	Combination	Max	Bottom	182275.7961	2909.1081	-438.8254	-35275.6477
10F RF	UDCon8	Combination	Min	Top	164363.8435	995.3808	-1789.2003	-66781.4402
10F RF	UDCon8	Combination	Min	Bottom	181919.6626	990.3983	-1791.4779	-66815.2322
10F RF	UDCon9	Combination	Max	Top	164718.7632	2724.643	-372.3334	-35254.92
10F RF	UDCon9	Combination	Max	Bottom	182274.5823	2729.3764	-370.2696	-35215.2285
10F RF	UDCon9	Combination	Min	Top	164370.2041	1042.5149	-1870.9612	-68074.1947
10F RF	UDCon9	Combination	Min	Bottom	181926.0232	1037.5781	-1873.5172	-68121.9055
10F RF	UDCon10	Combination	Max	Top	164713.344	2901.9485	-364.5976	-35864.2163
10F RF	UDCon10	Combination	Max	Bottom	182269.1631	2906.8853	-362.0417	-35816.5055
10F RF	UDCon10	Combination	Min	Top	164364.7849	1219.8203	-1863.2255	-68683.491
10F RF	UDCon10	Combination	Min	Bottom	181920.604	1215.0869	-1865.2893	-68723.1825
9F RF	Dead	LinStatic		Top	75960.1967	650.6517	-452.7296	-19279.8322
9F RF	Dead	LinStatic		Bottom	82170.4964	650.6517	-452.7296	-19279.8322
9F RF	Live	LinStatic		Top	5257.9144	-26.4585	2.6588	270.7389
9F RF	Live	LinStatic		Bottom	5291.7288	-26.4585	2.6588	270.7389
9F RF	FF	LinStatic		Top	58949.1173	660.6107	-473.7724	-18542.1132
9F RF	FF	LinStatic		Bottom	64624.217	660.6107	-473.7724	-18542.1132
9F RF	PW	LinStatic		Top	55212.0101	670.2279	-473.2119	-18601.7345
9F RF	PW	LinStatic		Bottom	60882.4298	670.2279	-473.2119	-18601.7345
9F RF	Earthquake+x	LinStatic		Top	-133.2908	-1074.0818	49.9871	15411.1772
9F RF	Earthquake+x	LinStatic		Bottom	-133.2908	-1077.8572	49.9871	15433.6457
9F RF	Earthquake+y	LinStatic		Top	416.3247	-355.0274	-1746.2251	-21390.1353
9F RF	Earthquake+y	LinStatic		Bottom	416.3247	-355.0274	-1750.0005	-21462.5979
9F RF	TH-X Load Case	LinModHist	Max	Top	196.8044	1076.2499	752.2704	16507.9433
9F RF	TH-X Load Case	LinModHist	Max	Bottom	196.8044	1080.9209	754.4411	16538.7169
9F RF	TH-X Load Case	LinModHist	Min	Top	-206.7488	-1045.0131	-768.7669	-18663.1746
9F RF	TH-X Load Case	LinModHist	Min	Bottom	-206.7488	-1049.9164	-770.9868	-18705.7935
9F RF	TH-Y Load Case	LinModHist	Max	Top	197.6039	849.0015	827.3572	18564.0133
9F RF	TH-Y Load Case	LinModHist	Max	Bottom	197.6039	853.6297	829.2319	18599.5302
9F RF	TH-Y Load Case	LinModHist	Min	Top	-200.3333	-1042.6611	-841.3592	-18160.7748
9F RF	TH-Y Load Case	LinModHist	Min	Bottom	-200.3333	-1047.4452	-843.7596	-18205.6891
9F RF	UDCon1	Combination		Top	256663.7875	2675.0119	-1889.6139	-76171.9679
9F RF	UDCon1	Combination		Bottom	280364.1433	2675.0119	-1889.6139	-76171.9679
9F RF	UDCon2	Combination		Top	264550.6591	2635.3242	-1885.6256	-75765.8595
9F RF	UDCon2	Combination		Bottom	288301.7365	2635.3242	-1885.6256	-75765.8595
9F RF	UDCon3	Combination	Max	Top	191895.5028	3049.8027	-646.6459	-39834.515
9F RF	UDCon3	Combination	Max	Bottom	209461.4662	3054.4736	-644.4752	-39803.7414

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
9F RF	UDCon3	Combination	Min	Top	191491.9496	928.5397	-2167.6832	-75005.6329
9F RF	UDCon3	Combination	Min	Bottom	209057.913	923.6364	-2169.9031	-75048.2517
9F RF	UDCon4	Combination	Max	Top	191905.4472	3018.5658	-630.1494	-37679.2836
9F RF	UDCon4	Combination	Max	Bottom	209471.4106	3023.4691	-627.9295	-37636.6648
9F RF	UDCon4	Combination	Min	Top	191501.894	897.3029	-2151.1867	-72850.4016
9F RF	UDCon4	Combination	Min	Bottom	209067.8574	892.6319	-2153.3574	-72881.1751
9F RF	UDCon5	Combination	Max	Top	191896.3023	2822.5542	-571.5591	-37778.4449
9F RF	UDCon5	Combination	Max	Bottom	209462.2657	2827.1825	-569.6844	-37742.9281
9F RF	UDCon5	Combination	Min	Top	191498.3651	930.8917	-2240.2755	-74503.2331
9F RF	UDCon5	Combination	Min	Bottom	209064.3285	926.1076	-2242.6759	-74548.1474
9F RF	UDCon6	Combination	Max	Top	191899.0317	3016.2139	-557.5571	-38181.6835
9F RF	UDCon6	Combination	Max	Bottom	209464.9951	3020.998	-555.1567	-38136.7691
9F RF	UDCon6	Combination	Min	Top	191501.0945	1124.5513	-2226.2735	-74906.4716
9F RF	UDCon6	Combination	Min	Bottom	209067.0579	1119.923	-2228.1483	-74941.9885
9F RF	UDCon7	Combination	Max	Top	190318.1285	3057.7402	-647.4436	-39915.7367
9F RF	UDCon7	Combination	Max	Bottom	207873.9476	3062.4112	-645.2728	-39884.9631
9F RF	UDCon7	Combination	Min	Top	189914.5753	936.4773	-2168.4809	-75086.8546
9F RF	UDCon7	Combination	Min	Bottom	207470.3944	931.574	-2170.7007	-75129.4734
9F RF	UDCon8	Combination	Max	Top	190328.0729	3026.5034	-630.9471	-37760.5053
9F RF	UDCon8	Combination	Max	Bottom	207883.8919	3031.4067	-628.7272	-37717.8865
9F RF	UDCon8	Combination	Min	Top	189924.5197	905.2404	-2151.9843	-72931.6232
9F RF	UDCon8	Combination	Min	Bottom	207480.3387	900.5695	-2154.1551	-72962.3968
9F RF	UDCon9	Combination	Max	Top	190318.928	2830.4918	-572.3568	-37859.6666
9F RF	UDCon9	Combination	Max	Bottom	207874.747	2835.1201	-570.482	-37824.1497
9F RF	UDCon9	Combination	Min	Top	189920.9907	938.8292	-2241.0731	-74584.4548
9F RF	UDCon9	Combination	Min	Bottom	207476.8098	934.0451	-2243.4736	-74629.3691
9F RF	UDCon10	Combination	Max	Top	190321.6574	3024.1514	-558.3548	-38262.9052
9F RF	UDCon10	Combination	Max	Bottom	207877.4765	3028.9355	-555.9543	-38217.9908
9F RF	UDCon10	Combination	Min	Top	189923.7202	1132.4889	-2227.0711	-74987.6933
9F RF	UDCon10	Combination	Min	Bottom	207479.5393	1127.8606	-2228.9459	-75023.2102
8F RF	Dead	LinStatic		Top	86104.9739	642.8066	-615.0449	-21584.0915
8F RF	Dead	LinStatic		Bottom	92315.2736	642.8066	-615.0449	-21584.0915
8F RF	Live	LinStatic		Top	5913.1624	-25.1895	-6.59	123.7647
8F RF	Live	LinStatic		Bottom	5946.9769	-25.1895	-6.59	123.7647
8F RF	FF	LinStatic		Top	66935.0497	650.6919	-602.8155	-20337.9905
8F RF	FF	LinStatic		Bottom	72610.1494	650.6919	-602.8155	-20337.9905
8F RF	PW	LinStatic		Top	62734.8541	659.7561	-595.85	-20300.5437
8F RF	PW	LinStatic		Bottom	68405.2738	659.7561	-595.85	-20300.5437
8F RF	Earthquake+x	LinStatic		Top	-208.2295	-1160.325	58.2147	16673.4412
8F RF	Earthquake+x	LinStatic		Bottom	-208.2295	-1163.6809	58.2147	16693.4132
8F RF	Earthquake+y	LinStatic		Top	440.3461	-393.9755	-1894.7404	-23173.5085
8F RF	Earthquake+y	LinStatic		Bottom	440.3461	-393.9755	-1898.0963	-23237.9198
8F RF	TH-X Load Case	LinModHist	Max	Top	274.8533	1165.9794	828.6279	18011.1994
8F RF	TH-X Load Case	LinModHist	Max	Bottom	274.8533	1170.3451	830.6946	18039.0668
8F RF	TH-X Load Case	LinModHist	Min	Top	-263.7273	-1153.391	-857.7427	-20469.1748

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
8F RF	TH-X Load Case	LinModHist	Min	Bottom	-263.7273	-1158.131	-859.9037	-20509.2058
8F RF	TH-Y Load Case	LinModHist	Max	Top	255.8106	941.9419	902.4899	20157.8569
8F RF	TH-Y Load Case	LinModHist	Max	Bottom	255.8106	946.4645	904.4293	20189.322
8F RF	TH-Y Load Case	LinModHist	Min	Top	-260.7437	-1150.9893	-922.0726	-20019.7393
8F RF	TH-Y Load Case	LinModHist	Min	Bottom	-260.7437	-1155.6163	-924.322	-20061.9064
8F RF	UDCon1	Combination		Top	291296.0848	2636.8937	-2448.509	-84000.5447
8F RF	UDCon1	Combination		Bottom	314996.4405	2636.8937	-2448.509	-84000.5447
8F RF	UDCon2	Combination		Top	300165.8284	2599.1095	-2458.394	-83814.8977
8F RF	UDCon2	Combination		Bottom	323916.9058	2599.1095	-2458.394	-83814.8977
8F RF	UDCon3	Combination	Max	Top	217823.6796	3111.6771	-987.0595	-44174.2969
8F RF	UDCon3	Combination	Max	Bottom	235389.643	3116.0429	-984.9928	-44146.4295
8F RF	UDCon3	Combination	Min	Top	217285.099	792.3067	-2673.4301	-82654.6711
8F RF	UDCon3	Combination	Min	Bottom	234851.0624	787.5667	-2675.5911	-82694.7021
8F RF	UDCon4	Combination	Max	Top	217812.5537	3099.0887	-957.9446	-41716.3215
8F RF	UDCon4	Combination	Max	Bottom	235378.5171	3103.8287	-955.7837	-41676.2905
8F RF	UDCon4	Combination	Min	Top	217273.9731	779.7183	-2644.3153	-80196.6956
8F RF	UDCon4	Combination	Min	Bottom	234839.9365	775.3526	-2646.382	-80224.5631
8F RF	UDCon5	Combination	Max	Top	217804.6369	2887.6397	-913.1975	-42027.6394
8F RF	UDCon5	Combination	Max	Bottom	235370.6003	2892.1622	-911.2581	-41996.1742
8F RF	UDCon5	Combination	Min	Top	217288.0827	794.7084	-2737.76	-82205.2356
8F RF	UDCon5	Combination	Min	Bottom	234854.0461	790.0815	-2740.0094	-82247.4027
8F RF	UDCon6	Combination	Max	Top	217809.57	3096.6871	-893.6148	-42165.757
8F RF	UDCon6	Combination	Max	Bottom	235375.5334	3101.314	-891.3654	-42123.5899
8F RF	UDCon6	Combination	Min	Top	217293.0158	1003.7558	-2718.1773	-82343.3532
8F RF	UDCon6	Combination	Min	Bottom	234858.9792	999.2332	-2720.1167	-82374.8183
8F RF	UDCon7	Combination	Max	Top	216049.7309	3119.234	-985.0825	-44211.4263
8F RF	UDCon7	Combination	Max	Bottom	233605.55	3123.5997	-983.0158	-44183.5589
8F RF	UDCon7	Combination	Min	Top	215511.1503	799.8636	-2671.4531	-82691.8005
8F RF	UDCon7	Combination	Min	Bottom	233066.9694	795.1236	-2673.6141	-82731.8315
8F RF	UDCon8	Combination	Max	Top	216038.6049	3106.6456	-955.9677	-41753.4509
8F RF	UDCon8	Combination	Max	Bottom	233594.424	3111.3856	-953.8067	-41713.4199
8F RF	UDCon8	Combination	Min	Top	215500.0244	787.2752	-2642.3383	-80233.825
8F RF	UDCon8	Combination	Min	Bottom	233055.8434	782.9095	-2644.405	-80261.6925
8F RF	UDCon9	Combination	Max	Top	216030.6882	2895.1965	-911.2205	-42064.7688
8F RF	UDCon9	Combination	Max	Bottom	233586.5072	2899.7191	-909.2811	-42033.3036
8F RF	UDCon9	Combination	Min	Top	215514.134	802.2652	-2735.783	-82242.365
8F RF	UDCon9	Combination	Min	Bottom	233069.953	797.6383	-2738.0324	-82284.5321
8F RF	UDCon10	Combination	Max	Top	216035.6213	3104.2439	-891.6378	-42202.8864
8F RF	UDCon10	Combination	Max	Bottom	233591.4403	3108.8708	-889.3884	-42160.7193
8F RF	UDCon10	Combination	Min	Top	215519.0671	1011.3126	-2716.2003	-82380.4826
8F RF	UDCon10	Combination	Min	Bottom	233074.8861	1006.7901	-2718.1397	-82411.9477
7F RF	Dead	LinStatic		Top	96258.5891	609.6274	-848.6919	-24443.9698
7F RF	Dead	LinStatic		Bottom	102468.8888	609.6274	-848.6919	-24443.9698
7F RF	Live	LinStatic		Top	6568.6981	-25.2262	-19.5396	-48.8306
7F RF	Live	LinStatic		Bottom	6602.5125	-25.2262	-19.5396	-48.8306

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
7F RF	FF	LinStatic		Top	74927.9825	620.487	-789.9354	-22595.5232
7F RF	FF	LinStatic		Bottom	80603.0821	620.487	-789.9354	-22595.5232
7F RF	PW	LinStatic		Top	70264.5444	630.1451	-773.9603	-22446.7317
7F RF	PW	LinStatic		Bottom	75934.964	630.1451	-773.9603	-22446.7317
7F RF	Earthquake+x	LinStatic		Top	-290.6733	-1234.9497	64.3369	17740.0808
7F RF	Earthquake+x	LinStatic		Bottom	-290.6733	-1237.8862	64.3369	17757.5564
7F RF	Earthquake+y	LinStatic		Top	446.8603	-456.8556	-2039.325	-24698.7578
7F RF	Earthquake+y	LinStatic		Bottom	446.8603	-456.8556	-2042.2614	-24755.1177
7F RF	TH-X Load Case	LinModHist	Max	Top	358.063	1244.4267	908.8413	19361.488
7F RF	TH-X Load Case	LinModHist	Max	Bottom	358.063	1248.4978	910.8079	19386.5986
7F RF	TH-X Load Case	LinModHist	Min	Top	-321.4975	-1254.0277	-952.2427	-22138.1213
7F RF	TH-X Load Case	LinModHist	Min	Bottom	-321.4975	-1258.6102	-954.3465	-22175.6957
7F RF	TH-Y Load Case	LinModHist	Max	Top	317.7315	1029.5217	984.3451	21603.7414
7F RF	TH-Y Load Case	LinModHist	Max	Bottom	317.7315	1033.9396	986.1483	21637.8154
7F RF	TH-Y Load Case	LinModHist	Min	Top	-326.5594	-1250.7628	-1005.6797	-21770.0154
7F RF	TH-Y Load Case	LinModHist	Min	Bottom	-326.5594	-1255.2308	-1007.7841	-21809.5235
7F RF	UDCon1	Combination		Top	325959.0065	2511.3502	-3256.9932	-93806.4034
7F RF	UDCon1	Combination		Bottom	349659.3622	2511.3502	-3256.9932	-93806.4034
7F RF	UDCon2	Combination		Top	335812.0536	2473.5109	-3286.3027	-93879.6492
7F RF	UDCon2	Combination		Bottom	359563.131	2473.5109	-3286.3027	-93879.6492
7F RF	UDCon3	Combination	Max	Top	243779.7883	3097.1182	-1509.6082	-50139.3859
7F RF	UDCon3	Combination	Max	Bottom	261345.7517	3101.1893	-1507.6416	-50114.2753
7F RF	UDCon3	Combination	Min	Top	243100.2278	598.6639	-3370.6921	-91638.9952
7F RF	UDCon3	Combination	Min	Bottom	260666.1912	594.0813	-3372.7959	-91676.5696
7F RF	UDCon4	Combination	Max	Top	243743.2228	3106.7192	-1466.2068	-47362.7526
7F RF	UDCon4	Combination	Max	Bottom	261309.1862	3111.3018	-1464.1029	-47325.1782
7F RF	UDCon4	Combination	Min	Top	243063.6623	608.2649	-3327.2907	-88862.3619
7F RF	UDCon4	Combination	Min	Bottom	260629.6257	604.1938	-3329.2573	-88887.4725
7F RF	UDCon5	Combination	Max	Top	243739.4569	2882.2133	-1434.1043	-47897.1325
7F RF	UDCon5	Combination	Max	Bottom	261305.4203	2886.6311	-1432.3012	-47863.0585
7F RF	UDCon5	Combination	Min	Top	243095.166	601.9288	-3424.1292	-91270.8893
7F RF	UDCon5	Combination	Min	Bottom	260661.1294	597.4608	-3426.2336	-91310.3974
7F RF	UDCon6	Combination	Max	Top	243748.2847	3103.4543	-1412.7697	-47730.8586
7F RF	UDCon6	Combination	Max	Bottom	261314.2481	3107.9223	-1410.6653	-47691.3504
7F RF	UDCon6	Combination	Min	Top	243103.9938	823.1699	-3402.7946	-91104.6153
7F RF	UDCon6	Combination	Min	Bottom	260669.9572	818.752	-3404.5977	-91138.6893
7F RF	UDCon7	Combination	Max	Top	241809.1789	3104.6861	-1503.7463	-50124.7367
7F RF	UDCon7	Combination	Max	Bottom	259364.998	3108.7572	-1501.7797	-50099.6261
7F RF	UDCon7	Combination	Min	Top	241129.6184	606.2317	-3364.8302	-91624.3461
7F RF	UDCon7	Combination	Min	Bottom	258685.4375	601.6492	-3366.9341	-91661.9204
7F RF	UDCon8	Combination	Max	Top	241772.6134	3114.2871	-1460.3449	-47348.1034
7F RF	UDCon8	Combination	Max	Bottom	259328.4325	3118.8697	-1458.241	-47310.5291
7F RF	UDCon8	Combination	Min	Top	241093.0529	615.8327	-3321.4288	-88847.7128
7F RF	UDCon8	Combination	Min	Bottom	258648.872	611.7617	-3323.3954	-88872.8233
7F RF	UDCon9	Combination	Max	Top	241768.8474	2889.7811	-1428.2424	-47882.4834

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
7F RF	UDCon9	Combination	Max	Bottom	259324.6665	2894.199	-1426.4393	-47848.4094
7F RF	UDCon9	Combination	Min	Top	241124.5565	609.4967	-3418.2673	-91256.2401
7F RF	UDCon9	Combination	Min	Bottom	258680.3756	605.0286	-3420.3717	-91295.7482
7F RF	UDCon10	Combination	Max	Top	241777.6753	3111.0222	-1406.9078	-47716.2094
7F RF	UDCon10	Combination	Max	Bottom	259333.4943	3115.4902	-1404.8034	-47676.7012
7F RF	UDCon10	Combination	Min	Top	241133.3844	830.7377	-3396.9327	-91089.9661
7F RF	UDCon10	Combination	Min	Bottom	258689.2034	826.3198	-3398.7358	-91124.0401
6F RF	Dead	LinStatic		Top	106420.228	529.7887	-1185.9456	-27957.3051
6F RF	Dead	LinStatic		Bottom	112630.5277	529.7887	-1185.9456	-27957.3051
6F RF	Live	LinStatic		Top	7224.0326	-27.5066	-37.6609	-247.6768
6F RF	Live	LinStatic		Bottom	7257.8471	-27.5066	-37.6609	-247.6768
6F RF	FF	LinStatic		Top	82928.3955	552.5758	-1061.6116	-25401.1013
6F RF	FF	LinStatic		Bottom	88603.4951	552.5758	-1061.6116	-25401.1013
6F RF	PW	LinStatic		Top	77802.1092	564.7988	-1032.983	-25129.0977
6F RF	PW	LinStatic		Bottom	83472.5289	564.7988	-1032.983	-25129.0977
6F RF	Earthquake+x	LinStatic		Top	-387.535	-1305.6894	60.5792	18529.4673
6F RF	Earthquake+x	LinStatic		Bottom	-387.535	-1308.2063	60.5792	18544.4463
6F RF	Earthquake+y	LinStatic		Top	423.899	-532.7667	-2164.961	-25578.0551
6F RF	Earthquake+y	LinStatic		Bottom	423.899	-532.7667	-2167.4779	-25626.3636
6F RF	TH-X Load Case	LinModHist	Max	Top	451.0113	1317.38	984.0804	20503.4453
6F RF	TH-X Load Case	LinModHist	Max	Bottom	451.0113	1321.1713	985.9513	20525.984
6F RF	TH-X Load Case	LinModHist	Min	Top	-424.0502	-1354.0269	-1042.2332	-23517.481
6F RF	TH-X Load Case	LinModHist	Min	Bottom	-424.0502	-1358.4599	-1044.2817	-23552.7571
6F RF	TH-Y Load Case	LinModHist	Max	Top	384.741	1115.1443	1057.8511	23058.5985
6F RF	TH-Y Load Case	LinModHist	Max	Bottom	384.741	1119.4603	1059.5237	23090.1397
6F RF	TH-Y Load Case	LinModHist	Min	Top	-416.1379	-1351.2378	-1078.7772	-23190.5755
6F RF	TH-Y Load Case	LinModHist	Min	Bottom	-416.1379	-1355.5485	-1080.7436	-23227.5464
6F RF	UDCon1	Combination		Top	360653.489	2223.6705	-4428.7292	-105958.1305
6F RF	UDCon1	Combination		Bottom	384353.8448	2223.6705	-4428.7292	-105958.1305
6F RF	UDCon2	Combination		Top	371489.538	2182.4107	-4485.2205	-106329.6456
6F RF	UDCon2	Combination		Bottom	395240.6154	2182.4107	-4485.2205	-106329.6456
6F RF	UDCon3	Combination	Max	Top	269768.9537	2956.2914	-2307.758	-58058.3618
6F RF	UDCon3	Combination	Max	Bottom	287334.9172	2960.0827	-2305.8871	-58035.8231
6F RF	UDCon3	Combination	Min	Top	268893.8923	284.8845	-4334.0715	-102079.2881
6F RF	UDCon3	Combination	Min	Bottom	286459.8557	280.4515	-4336.1201	-102114.5642
6F RF	UDCon4	Combination	Max	Top	269741.9926	2992.9382	-2249.6052	-55044.3261
6F RF	UDCon4	Combination	Max	Bottom	287307.956	2997.3713	-2247.5567	-55009.05
6F RF	UDCon4	Combination	Min	Top	268866.9311	321.5314	-4275.9188	-99065.2524
6F RF	UDCon4	Combination	Min	Bottom	286432.8945	317.7401	-4277.7897	-99087.7911
6F RF	UDCon5	Combination	Max	Top	269702.6834	2754.0557	-2233.9872	-55503.2086
6F RF	UDCon5	Combination	Max	Bottom	287268.6468	2758.3717	-2232.3147	-55471.6674
6F RF	UDCon5	Combination	Min	Top	268901.8045	287.6736	-4370.6156	-101752.3826
6F RF	UDCon5	Combination	Min	Bottom	286467.7679	283.3629	-4372.582	-101789.3535
6F RF	UDCon6	Combination	Max	Top	269734.0803	2990.1491	-2213.0612	-55371.2316
6F RF	UDCon6	Combination	Max	Bottom	287300.0437	2994.4599	-2211.0948	-55334.2607

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
6F RF	UDCon6	Combination	Min	Top	268933.2015	523.7671	-4349.6895	-101620.4056
6F RF	UDCon6	Combination	Min	Bottom	286499.1649	519.4511	-4351.3621	-101651.9468
6F RF	UDCon7	Combination	Max	Top	267601.744	2964.5433	-2296.4598	-57984.0588
6F RF	UDCon7	Combination	Max	Bottom	285157.563	2968.3346	-2294.5888	-57961.5201
6F RF	UDCon7	Combination	Min	Top	266726.6825	293.1365	-4322.7733	-102004.9851
6F RF	UDCon7	Combination	Min	Bottom	284282.5015	288.7034	-4324.8218	-102040.2612
6F RF	UDCon8	Combination	Max	Top	267574.7828	3001.1902	-2238.307	-54970.0231
6F RF	UDCon8	Combination	Max	Bottom	285130.6018	3005.6233	-2236.2584	-54934.747
6F RF	UDCon8	Combination	Min	Top	266699.7213	329.7834	-4264.6205	-98990.9494
6F RF	UDCon8	Combination	Min	Bottom	284255.5404	325.9921	-4266.4915	-99013.4881
6F RF	UDCon9	Combination	Max	Top	267535.4736	2762.3076	-2222.689	-55428.9056
6F RF	UDCon9	Combination	Max	Bottom	285091.2926	2766.6237	-2221.0164	-55397.3644
6F RF	UDCon9	Combination	Min	Top	266734.5947	295.9256	-4359.3173	-101678.0796
6F RF	UDCon9	Combination	Min	Bottom	284290.4138	291.6149	-4361.2837	-101715.0505
6F RF	UDCon10	Combination	Max	Top	267566.8705	2998.4011	-2201.763	-55296.9286
6F RF	UDCon10	Combination	Max	Bottom	285122.6896	3002.7118	-2199.7965	-55259.9577
6F RF	UDCon10	Combination	Min	Top	266765.9917	532.0191	-4338.3913	-101546.1026
6F RF	UDCon10	Combination	Min	Bottom	284321.8107	527.703	-4340.0639	-101577.6438
5F RF	Dead	LinStatic		Top	116534.7799	412.9932	-1591.6605	-31608.4717
5F RF	Dead	LinStatic		Bottom	122745.0796	412.9932	-1591.6605	-31608.4717
5F RF	Live	LinStatic		Top	7876.0242	-30.8337	-58.4503	-446.8636
5F RF	Live	LinStatic		Bottom	7909.8387	-30.8337	-58.4503	-446.8636
5F RF	FF	LinStatic		Top	90890.7043	454.825	-1389.8316	-28347.7778
5F RF	FF	LinStatic		Bottom	96565.804	454.825	-1389.8316	-28347.7778
5F RF	PW	LinStatic		Top	85304.2642	470.9793	-1346.6312	-27961.2919
5F RF	PW	LinStatic		Bottom	90974.6839	470.9793	-1346.6312	-27961.2919
5F RF	Earthquake+x	LinStatic		Top	-499.86	-1370.7339	42.0086	19078.3915
5F RF	Earthquake+x	LinStatic		Bottom	-499.86	-1372.8314	42.0086	19090.8741
5F RF	Earthquake+y	LinStatic		Top	344.3674	-680.1988	-2314.5309	-26229.2222
5F RF	Earthquake+y	LinStatic		Bottom	344.3674	-680.1988	-2316.6284	-26269.4792
5F RF	TH-X Load Case	LinModHist	Max	Top	547.9053	1387.0934	1083.3339	21408.9768
5F RF	TH-X Load Case	LinModHist	Max	Bottom	547.9053	1390.624	1085.1153	21429.1558
5F RF	TH-X Load Case	LinModHist	Min	Top	-540.6196	-1450.9673	-1153.5876	-24737.0256
5F RF	TH-X Load Case	LinModHist	Min	Bottom	-540.6196	-1455.2606	-1155.5838	-24770.1933
5F RF	TH-Y Load Case	LinModHist	Max	Top	454.8699	1199.9648	1148.4225	24389.5532
5F RF	TH-Y Load Case	LinModHist	Max	Bottom	454.8699	1204.1836	1149.9718	24418.7366
5F RF	TH-Y Load Case	LinModHist	Min	Top	-534.9393	-1446.9739	-1172.7622	-24531.518
5F RF	TH-Y Load Case	LinModHist	Min	Bottom	-534.9393	-1451.1327	-1174.5996	-24566.1209
5F RF	UDCon1	Combination		Top	395185.1603	1807.3766	-5842.9665	-118688.6808
5F RF	UDCon1	Combination		Bottom	418885.5161	1807.3766	-5842.9665	-118688.6808
5F RF	UDCon2	Combination		Top	406999.1967	1761.126	-5930.6419	-119358.9762
5F RF	UDCon2	Combination		Bottom	430750.2741	1761.126	-5930.6419	-119358.9762
5F RF	UDCon3	Combination	Max	Top	295640.461	2716.6408	-3262.3245	-66642.6236
5F RF	UDCon3	Combination	Max	Bottom	313206.4244	2720.1713	-3260.5431	-66622.4447
5F RF	UDCon3	Combination	Min	Top	294551.9361	-121.4199	-5499.246	-112788.626

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
5F RF	UDCon3	Combination	Min	Bottom	312117.8995	-125.7132	-5501.2422	-112821.7937
5F RF	UDCon4	Combination	Max	Top	295633.1752	2780.5147	-3192.0708	-63314.5748
5F RF	UDCon4	Combination	Max	Bottom	313199.1386	2784.808	-3190.0746	-63281.4071
5F RF	UDCon4	Combination	Min	Top	294544.6503	-57.5461	-5428.9923	-109460.5772
5F RF	UDCon4	Combination	Min	Bottom	312110.6137	-61.0766	-5430.7737	-109480.7562
5F RF	UDCon5	Combination	Max	Top	295547.4255	2529.5122	-3197.2359	-63662.0472
5F RF	UDCon5	Combination	Max	Bottom	313113.389	2533.731	-3195.6866	-63632.8638
5F RF	UDCon5	Combination	Min	Top	294557.6164	-117.4265	-5518.4206	-112583.1185
5F RF	UDCon5	Combination	Min	Bottom	312123.5798	-121.5853	-5520.258	-112617.7213
5F RF	UDCon6	Combination	Max	Top	295627.495	2776.5213	-3172.8962	-63520.0824
5F RF	UDCon6	Combination	Max	Bottom	313193.4584	2780.6801	-3171.0588	-63485.4795
5F RF	UDCon6	Combination	Min	Top	294637.6858	129.5826	-5494.0809	-112441.1536
5F RF	UDCon6	Combination	Min	Bottom	312203.6492	125.3638	-5495.6302	-112470.337
5F RF	UDCon7	Combination	Max	Top	293277.6537	2725.8909	-3244.7894	-66508.5645
5F RF	UDCon7	Combination	Max	Bottom	310833.4728	2729.4215	-3243.008	-66488.3856
5F RF	UDCon7	Combination	Min	Top	292189.1288	-112.1698	-5481.7109	-112654.5669
5F RF	UDCon7	Combination	Min	Bottom	309744.9479	-116.4631	-5483.7071	-112687.7346
5F RF	UDCon8	Combination	Max	Top	293270.368	2789.7648	-3174.5358	-63180.5157
5F RF	UDCon8	Combination	Max	Bottom	310826.187	2794.0581	-3172.5395	-63147.348
5F RF	UDCon8	Combination	Min	Top	292181.8431	-48.2959	-5411.4573	-109326.5181
5F RF	UDCon8	Combination	Min	Bottom	309737.6621	-51.8265	-5413.2386	-109346.6971
5F RF	UDCon9	Combination	Max	Top	293184.6183	2538.7623	-3179.7009	-63527.9881
5F RF	UDCon9	Combination	Max	Bottom	310740.4373	2542.9811	-3178.1515	-63498.8047
5F RF	UDCon9	Combination	Min	Top	292194.8091	-108.1764	-5500.8855	-112449.0594
5F RF	UDCon9	Combination	Min	Bottom	309750.6282	-112.3352	-5502.723	-112483.6622
5F RF	UDCon10	Combination	Max	Top	293264.6877	2785.7714	-3155.3611	-63386.0233
5F RF	UDCon10	Combination	Max	Bottom	310820.5067	2789.9302	-3153.5237	-63351.4204
5F RF	UDCon10	Combination	Min	Top	292274.8785	138.8327	-5476.5458	-112307.0946
5F RF	UDCon10	Combination	Min	Bottom	309830.6976	134.6139	-5478.0952	-112336.2779
4F RF	Dead	LinStatic		Top	126341.5313	186.955	-2173.5639	-39874.1568
4F RF	Dead	LinStatic		Bottom	132551.831	186.955	-2173.5639	-39874.1568
4F RF	Live	LinStatic		Top	8512.8626	-39.4772	-83.131	-800.3855
4F RF	Live	LinStatic		Bottom	8546.6771	-39.4772	-83.131	-800.3855
4F RF	FF	LinStatic		Top	98602.0009	269.8139	-1868.1387	-35228.1623
4F RF	FF	LinStatic		Bottom	104277.1006	269.8139	-1868.1387	-35228.1623
4F RF	PW	LinStatic		Top	92566.5976	294.5679	-1808.0781	-34638.5906
4F RF	PW	LinStatic		Bottom	98237.0173	294.5679	-1808.0781	-34638.5906
4F RF	Earthquake+x	LinStatic		Top	-707.7678	-1432.567	-85.7927	17167.0472
4F RF	Earthquake+x	LinStatic		Bottom	-707.7678	-1434.245	-85.7927	17177.0332
4F RF	Earthquake+y	LinStatic		Top	141.023	-792.5312	-2431.886	-26479.592
4F RF	Earthquake+y	LinStatic		Bottom	141.023	-792.5312	-2433.564	-26511.7976
4F RF	TH-X Load Case	LinModHist	Max	Top	748.297	1448.9818	1189.0238	21300.3146
4F RF	TH-X Load Case	LinModHist	Max	Bottom	748.297	1452.2742	1190.7207	21352.6142
4F RF	TH-X Load Case	LinModHist	Min	Top	-758.003	-1542.0933	-1247.8819	-23442.9117
4F RF	TH-X Load Case	LinModHist	Min	Bottom	-758.003	-1546.2582	-1249.8276	-23474.1629

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
4F RF	TH-Y Load Case	LinModHist	Max	Top	635.4513	1272.3267	1202.1785	23275.0015
4F RF	TH-Y Load Case	LinModHist	Max	Bottom	635.4513	1276.4547	1203.6116	23302.0153
4F RF	TH-Y Load Case	LinModHist	Min	Top	-759.96	-1544.9676	-1226.5488	-23896.1214
4F RF	TH-Y Load Case	LinModHist	Min	Bottom	-759.96	-1548.9838	-1228.2655	-23928.5325
4F RF	UDCon1	Combination		Top	428638.6753	1014.3046	-7897.204	-148150.2282
4F RF	UDCon1	Combination		Bottom	452339.031	1014.3046	-7897.204	-148150.2282
4F RF	UDCon2	Combination		Top	441407.9692	955.0888	-8021.9004	-149350.8064
4F RF	UDCon2	Combination		Bottom	465159.0467	955.0888	-8021.9004	-149350.8064
4F RF	UDCon3	Combination	Max	Top	320812.2856	2188.4754	-4685.6962	-88680.7108
4F RF	UDCon3	Combination	Max	Bottom	338378.249	2191.7678	-4683.9993	-88628.4112
4F RF	UDCon3	Combination	Min	Top	319305.9856	-802.5997	-7122.6019	-133423.9372
4F RF	UDCon3	Combination	Min	Bottom	336871.949	-806.7646	-7124.5476	-133455.1883
4F RF	UDCon4	Combination	Max	Top	320821.9917	2281.5869	-4626.8381	-86538.1137
4F RF	UDCon4	Combination	Max	Bottom	338387.9551	2285.7518	-4624.8925	-86506.8625
4F RF	UDCon4	Combination	Min	Top	319315.6916	-709.4882	-7063.7438	-131281.34
4F RF	UDCon4	Combination	Min	Bottom	336881.655	-712.7807	-7065.4407	-131333.6396
4F RF	UDCon5	Combination	Max	Top	320699.4399	2011.8203	-4672.5415	-86706.0239
4F RF	UDCon5	Combination	Max	Bottom	338265.4033	2015.9483	-4671.1084	-86679.0102
4F RF	UDCon5	Combination	Min	Top	319304.0287	-805.474	-7101.2688	-133877.1468
4F RF	UDCon5	Combination	Min	Bottom	336869.9921	-809.4903	-7102.9855	-133909.5579
4F RF	UDCon6	Combination	Max	Top	320823.9486	2284.4612	-4648.1712	-86084.904
4F RF	UDCon6	Combination	Max	Bottom	338389.912	2288.4774	-4646.4545	-86052.4929
4F RF	UDCon6	Combination	Min	Top	319428.5374	-532.8331	-7076.8985	-133256.0269
4F RF	UDCon6	Combination	Min	Bottom	336994.5008	-536.9611	-7078.3316	-133283.0407
4F RF	UDCon7	Combination	Max	Top	318258.4268	2200.3186	-4660.7569	-88440.5952
4F RF	UDCon7	Combination	Max	Bottom	335814.2459	2203.611	-4659.06	-88388.2956
4F RF	UDCon7	Combination	Min	Top	316752.1268	-790.7565	-7097.6626	-133183.8215
4F RF	UDCon7	Combination	Min	Bottom	334307.9459	-794.9215	-7099.6083	-133215.0727
4F RF	UDCon8	Combination	Max	Top	318268.1329	2293.4301	-4601.8988	-86297.998
4F RF	UDCon8	Combination	Max	Bottom	335823.952	2297.595	-4599.9532	-86266.7469
4F RF	UDCon8	Combination	Min	Top	316761.8329	-697.645	-7038.8045	-131041.2244
4F RF	UDCon8	Combination	Min	Bottom	334317.6519	-700.9375	-7040.5014	-131093.524
4F RF	UDCon9	Combination	Max	Top	318145.5811	2023.6635	-4647.6022	-86465.9083
4F RF	UDCon9	Combination	Max	Bottom	335701.4002	2027.7915	-4646.1691	-86438.8945
4F RF	UDCon9	Combination	Min	Top	316750.1699	-793.6309	-7076.3295	-133637.0312
4F RF	UDCon9	Combination	Min	Bottom	334305.9889	-797.6471	-7078.0462	-133669.4423
4F RF	UDCon10	Combination	Max	Top	318270.0898	2296.3044	-4623.2319	-85844.7883
4F RF	UDCon10	Combination	Max	Bottom	335825.9089	2300.3206	-4621.5152	-85812.3773
4F RF	UDCon10	Combination	Min	Top	316874.6786	-520.99	-7051.9592	-133015.9113
4F RF	UDCon10	Combination	Min	Bottom	334430.4976	-525.1179	-7053.3924	-133042.925
3F RF	Dead	LinStatic		Top	136168.8807	-4.6879	-1840.6763	-20806.0682
3F RF	Dead	LinStatic		Bottom	142379.1803	-4.6879	-1840.6763	-20806.0682
3F RF	Live	LinStatic		Top	9134.6925	-46.5359	-69.1706	124.5884
3F RF	Live	LinStatic		Bottom	9168.5069	-46.5359	-69.1706	124.5884
3F RF	FF	LinStatic		Top	106361.4652	118.9573	-1583.1594	-19747.3529

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
3F RF	FF	LinStatic		Bottom	112036.5649	118.9573	-1583.1594	-19747.3529
3F RF	PW	LinStatic		Top	99888.4795	151.9242	-1533.139	-19833.5317
3F RF	PW	LinStatic		Bottom	105558.8992	151.9242	-1533.139	-19833.5317
3F RF	Earthquake+x	LinStatic		Top	-622.4945	-1572.3858	9.6084	19909.924
3F RF	Earthquake+x	LinStatic		Bottom	-622.4945	-1573.6443	9.6084	19917.4135
3F RF	Earthquake+y	LinStatic		Top	144.0682	-974.8863	-2330.7592	-24384.3532
3F RF	Earthquake+y	LinStatic		Bottom	144.0682	-974.8863	-2332.0176	-24408.5074
3F RF	TH-X Load Case	LinModHist	Max	Top	697.2557	1595.6066	1141.5285	23301.7352
3F RF	TH-X Load Case	LinModHist	Max	Bottom	697.2557	1598.6852	1143.1485	23354.401
3F RF	TH-X Load Case	LinModHist	Min	Top	-689.3028	-1733.6337	-1240.2837	-26399.3925
3F RF	TH-X Load Case	LinModHist	Min	Bottom	-689.3028	-1737.6812	-1242.1831	-26428.9352
3F RF	TH-Y Load Case	LinModHist	Max	Top	597.3954	1430.1469	1171.2691	26002.0789
3F RF	TH-Y Load Case	LinModHist	Max	Bottom	597.3954	1434.2108	1172.5951	26027.1319
3F RF	TH-Y Load Case	LinModHist	Min	Top	-697.0541	-1741.4232	-1211.3085	-25827.3177
3F RF	TH-Y Load Case	LinModHist	Min	Bottom	-697.0541	-1745.3082	-1213.3607	-25857.7552
3F RF	UDCon1	Combination		Top	462265.4143	359.3614	-6691.9159	-81522.3863
3F RF	UDCon1	Combination		Bottom	485965.7701	359.3614	-6691.9159	-81522.3863
3F RF	UDCon2	Combination		Top	475967.4531	289.5575	-6795.6719	-81335.5037
3F RF	UDCon2	Combination		Bottom	499718.5305	289.5575	-6795.6719	-81335.5037
3F RF	UDCon3	Combination	Max	Top	345856.4889	1847.8395	-3836.1975	-37047.841
3F RF	UDCon3	Combination	Max	Bottom	363422.4523	1850.9181	-3834.5774	-36995.1752
3F RF	UDCon3	Combination	Min	Top	344469.9304	-1481.4008	-6218.0096	-86748.9688
3F RF	UDCon3	Combination	Min	Bottom	362035.8938	-1485.4484	-6219.909	-86778.5115
3F RF	UDCon4	Combination	Max	Top	345848.536	1985.8665	-3737.4422	-33950.1837
3F RF	UDCon4	Combination	Max	Bottom	363414.4994	1989.914	-3735.5429	-33920.641
3F RF	UDCon4	Combination	Min	Top	344461.9775	-1343.3738	-6119.2544	-83651.3115
3F RF	UDCon4	Combination	Min	Bottom	362027.9409	-1346.4524	-6120.8745	-83703.9773
3F RF	UDCon5	Combination	Max	Top	345756.6286	1682.3797	-3806.4568	-34347.4973
3F RF	UDCon5	Combination	Max	Bottom	363322.592	1686.4436	-3805.1308	-34322.4444
3F RF	UDCon5	Combination	Min	Top	344462.1791	-1489.1904	-6189.0345	-86176.894
3F RF	UDCon5	Combination	Min	Bottom	362028.1425	-1493.0754	-6191.0866	-86207.3315
3F RF	UDCon6	Combination	Max	Top	345856.2873	1993.6561	-3766.4174	-34522.2586
3F RF	UDCon6	Combination	Max	Bottom	363422.2507	1997.5411	-3764.3653	-34491.821
3F RF	UDCon6	Combination	Min	Top	344561.8378	-1177.914	-6148.995	-86351.6552
3F RF	UDCon6	Combination	Min	Bottom	362127.8012	-1181.9779	-6150.3211	-86376.7082
3F RF	UDCon7	Combination	Max	Top	343116.0812	1861.8003	-3815.4463	-37085.2175
3F RF	UDCon7	Combination	Max	Bottom	360671.9002	1864.8788	-3813.8262	-37032.5517
3F RF	UDCon7	Combination	Min	Top	341729.5227	-1467.44	-6197.2585	-86786.3453
3F RF	UDCon7	Combination	Min	Bottom	359285.3417	-1471.4876	-6199.1578	-86815.888
3F RF	UDCon8	Combination	Max	Top	343108.1282	1999.8273	-3716.691	-33987.5602
3F RF	UDCon8	Combination	Max	Bottom	360663.9473	2003.8748	-3714.7917	-33958.0176
3F RF	UDCon8	Combination	Min	Top	341721.5697	-1329.413	-6098.5032	-83688.688
3F RF	UDCon8	Combination	Min	Bottom	359277.3888	-1332.4916	-6100.1233	-83741.3538
3F RF	UDCon9	Combination	Max	Top	343016.2208	1696.3405	-3785.7057	-34384.8739
3F RF	UDCon9	Combination	Max	Bottom	360572.0399	1700.4044	-3784.3796	-34359.8209

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
3F RF	UDCon9	Combination	Min	Top	341721.7713	-1475.2296	-6168.2833	-86214.2705
3F RF	UDCon9	Combination	Min	Bottom	359277.5904	-1479.1146	-6170.3354	-86244.708
3F RF	UDCon10	Combination	Max	Top	343115.8795	2007.6169	-3745.6662	-34559.6351
3F RF	UDCon10	Combination	Max	Bottom	360671.6986	2011.5019	-3743.6141	-34529.1975
3F RF	UDCon10	Combination	Min	Top	341821.43	-1163.9533	-6128.2438	-86389.0317
3F RF	UDCon10	Combination	Min	Bottom	359377.2491	-1168.0172	-6129.5699	-86414.0847
2F RF	Dead	LinStatic		Top	143894.6549	2009.5273	-5556.5054	-142753.4656
2F RF	Dead	LinStatic		Bottom	152639.9443	2009.5273	-5556.5054	-142753.4656
2F RF	Live	LinStatic		Top	9592.6613	86.1698	-239.8158	-5758.6345
2F RF	Live	LinStatic		Bottom	9626.4757	86.1698	-239.8158	-5758.6345
2F RF	FF	LinStatic		Top	112419.5832	1760.5512	-4638.8146	-120744.3779
2F RF	FF	LinStatic		Bottom	120629.6725	1760.5512	-4638.8146	-120744.3779
2F RF	PW	LinStatic		Top	105629.4269	1697.2303	-4467.1986	-116605.1721
2F RF	PW	LinStatic		Bottom	113834.8362	1697.2303	-4467.1986	-116605.1721
2F RF	Earthquake+x	LinStatic		Top	-4.8705	-1147.6411	-331.9007	-2243.2486
2F RF	Earthquake+x	LinStatic		Bottom	-4.8705	-1148.48	-331.9007	-2238.2556
2F RF	Earthquake+y	LinStatic		Top	793.3851	-200.0762	-2620.5451	-43715.5317
2F RF	Earthquake+y	LinStatic		Bottom	793.3851	-200.0762	-2621.3841	-43731.6345
2F RF	TH-X Load Case	LinModHist	Max	Top	475.7788	1308.4064	1368.3994	23738.1626
2F RF	TH-X Load Case	LinModHist	Max	Bottom	475.7788	1311.2954	1369.9455	23773.0364
2F RF	TH-X Load Case	LinModHist	Min	Top	-473.8954	-1357.3414	-1413.0982	-24251.4379
2F RF	TH-X Load Case	LinModHist	Min	Bottom	-473.8954	-1361.282	-1414.9507	-24285.1357
2F RF	TH-Y Load Case	LinModHist	Max	Top	548.8308	1184.6813	1332.5938	24860.0621
2F RF	TH-Y Load Case	LinModHist	Max	Bottom	548.8308	1188.6841	1333.8177	24895.6125
2F RF	TH-Y Load Case	LinModHist	Min	Top	-501.8497	-1363.7542	-1363.607	-26464.2099
2F RF	TH-Y Load Case	LinModHist	Min	Bottom	-501.8498	-1367.5212	-1365.599	-26510.6765
2F RF	UDCon1	Combination		Top	488623.9477	7380.8668	-19794.4002	-513139.0712
2F RF	UDCon1	Combination		Bottom	522591.0116	7380.8668	-19794.4002	-513139.0712
2F RF	UDCon2	Combination		Top	503012.9396	7510.1215	-20154.1238	-521777.0229
2F RF	UDCon2	Combination		Bottom	537030.7252	7510.1215	-20154.1238	-521777.0229
2F RF	UDCon3	Combination	Max	Top	365297.2422	6801.5661	-13366.064	-358092.4435
2F RF	UDCon3	Combination	Max	Bottom	390468.1746	6804.4551	-13364.5179	-358057.5696
2F RF	UDCon3	Combination	Min	Top	364347.5679	4135.8183	-16147.5616	-406082.0439
2F RF	UDCon3	Combination	Min	Bottom	389518.5003	4131.8777	-16149.4141	-406115.7418
2F RF	UDCon4	Combination	Max	Top	365295.3588	6850.5011	-13321.3652	-357579.1681
2F RF	UDCon4	Combination	Max	Bottom	390466.2912	6854.4417	-13319.5127	-357545.4703
2F RF	UDCon4	Combination	Min	Top	364345.6845	4184.7533	-16102.8628	-405568.7686
2F RF	UDCon4	Combination	Min	Bottom	389516.6169	4181.8643	-16104.4089	-405603.6424
2F RF	UDCon5	Combination	Max	Top	365370.2942	6677.841	-13401.8696	-356970.544
2F RF	UDCon5	Combination	Max	Bottom	390541.2266	6681.8438	-13400.6457	-356934.9935
2F RF	UDCon5	Combination	Min	Top	364319.6136	4129.4055	-16098.0704	-408294.8159
2F RF	UDCon5	Combination	Min	Bottom	389490.546	4125.6385	-16100.0624	-408341.2825
2F RF	UDCon6	Combination	Max	Top	365323.3131	6856.9139	-13370.8564	-355366.3962
2F RF	UDCon6	Combination	Max	Bottom	390494.2455	6860.6809	-13368.8644	-355319.9295
2F RF	UDCon6	Combination	Min	Top	364272.6325	4308.4784	-16067.0572	-406690.6681

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
2F RF	UDCon6	Combination	Min	Bottom	389443.5649	4304.4756	-16068.2811	-406726.2185
2F RF	UDCon7	Combination	Max	Top	362419.4438	6775.7151	-13294.1193	-356364.8531
2F RF	UDCon7	Combination	Max	Bottom	387580.2319	6778.6041	-13292.5732	-356329.9793
2F RF	UDCon7	Combination	Min	Top	361469.7695	4109.9674	-16075.6169	-404354.4536
2F RF	UDCon7	Combination	Min	Bottom	386630.5576	4106.0268	-16077.4694	-404388.1514
2F RF	UDCon8	Combination	Max	Top	362417.5604	6824.6502	-13249.4204	-355851.5778
2F RF	UDCon8	Combination	Max	Bottom	387578.3485	6828.5908	-13247.5679	-355817.8799
2F RF	UDCon8	Combination	Min	Top	361467.8861	4158.9024	-16030.9181	-403841.1782
2F RF	UDCon8	Combination	Min	Bottom	386628.6742	4156.0134	-16032.4642	-403876.0521
2F RF	UDCon9	Combination	Max	Top	362492.4958	6651.99	-13329.9249	-355242.9536
2F RF	UDCon9	Combination	Max	Bottom	387653.2839	6655.9928	-13328.701	-355207.4032
2F RF	UDCon9	Combination	Min	Top	361441.8152	4103.5545	-16026.1256	-406567.2255
2F RF	UDCon9	Combination	Min	Bottom	386602.6033	4099.7875	-16028.1177	-406613.6922
2F RF	UDCon10	Combination	Max	Top	362445.5147	6831.063	-13298.9117	-353638.8058
2F RF	UDCon10	Combination	Max	Bottom	387606.3028	6834.83	-13296.9197	-353592.3392
2F RF	UDCon10	Combination	Min	Top	361394.8342	4282.6275	-15995.1124	-404963.0777
2F RF	UDCon10	Combination	Min	Bottom	386555.6222	4278.6247	-15996.3364	-404998.6282
1F RF	Dead	LinStatic		Top	156024.0018	-82.277	-21.1601	191.8564
1F RF	Dead	LinStatic		Bottom	163667.9063	-82.277	-21.1601	191.8564
1F RF	Live	LinStatic		Top	10308.1227	-4.2343	-1.4623	19.248
1F RF	Live	LinStatic		Bottom	10341.9372	-4.2343	-1.4623	19.248
1F RF	FF	LinStatic		Top	122516.9598	-66.5199	-17.0439	138.2174
1F RF	FF	LinStatic		Bottom	129625.6643	-66.5199	-17.0439	138.2174
1F RF	PW	LinStatic		Top	115214.6999	-63.3473	-16.0463	122.9417
1F RF	PW	LinStatic		Bottom	122318.7244	-63.3473	-16.0463	122.9417
1F RF	Earthquake+x	LinStatic		Top	75.1349	-3352.6735	38.5459	40007.1598
1F RF	Earthquake+x	LinStatic		Bottom	75.1349	-3353.0929	38.5459	40009.6563
1F RF	Earthquake+y	LinStatic		Top	536.0585	147.9322	-3746.9427	-66457.499
1F RF	Earthquake+y	LinStatic		Bottom	536.0585	147.9322	-3747.3621	-66465.5504
1F RF	TH-X Load Case	LinModHist	Max	Top	314.4631	4346.0605	2093.215	61083.7927
1F RF	TH-X Load Case	LinModHist	Max	Bottom	314.4631	4352.204	2095.447	61140.2619
1F RF	TH-X Load Case	LinModHist	Min	Top	-316.8323	-4326.019	-2236.3136	-61358.1298
1F RF	TH-X Load Case	LinModHist	Min	Bottom	-316.8323	-4329.832	-2238.14	-61383.8627
1F RF	TH-Y Load Case	LinModHist	Max	Top	338.1901	3779.3239	2083.4953	62689.8136
1F RF	TH-Y Load Case	LinModHist	Max	Bottom	338.1901	3783.2308	2085.7567	62743.9865
1F RF	TH-Y Load Case	LinModHist	Min	Top	-321.0813	-4367.8176	-2204.4741	-62480.1355
1F RF	TH-Y Load Case	LinModHist	Min	Bottom	-321.0813	-4371.8909	-2206.3275	-62514.4936
1F RF	UDCon1	Combination		Top	531570.1431	-286.3946	-73.2379	611.5709
1F RF	UDCon1	Combination		Bottom	561076.5983	-286.3946	-73.2379	611.5709
1F RF	UDCon2	Combination		Top	547032.3272	-292.7461	-75.4313	640.4429
1F RF	UDCon2	Combination		Bottom	576589.504	-292.7461	-75.4313	640.4429
1F RF	UDCon3	Combination	Max	Top	397162.5614	4132.6461	2038.526	61542.5826
1F RF	UDCon3	Combination	Max	Bottom	419029.3393	4138.7895	2040.758	61599.0518
1F RF	UDCon3	Combination	Min	Top	396531.266	-4539.4335	-2291.0026	-60899.3399
1F RF	UDCon3	Combination	Min	Bottom	418398.0438	-4543.2464	-2292.829	-60925.0728

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

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m
1F RF	UDCon4	Combination	Max	Top	397164.9307	4112.6045	2181.6247	61816.9197
1F RF	UDCon4	Combination	Max	Bottom	419031.7085	4116.4175	2183.451	61842.6526
1F RF	UDCon4	Combination	Min	Top	396533.6353	-4559.475	-2147.904	-60625.0028
1F RF	UDCon4	Combination	Min	Bottom	418400.4131	-4565.6184	-2150.136	-60681.472
1F RF	UDCon5	Combination	Max	Top	397186.2885	3565.9095	2028.8064	63148.6035
1F RF	UDCon5	Combination	Max	Bottom	419053.0663	3569.8163	2031.0677	63202.7764
1F RF	UDCon5	Combination	Min	Top	396527.017	-4581.2321	-2259.1631	-62021.3456
1F RF	UDCon5	Combination	Min	Bottom	418393.7949	-4585.3053	-2261.0165	-62055.7037
1F RF	UDCon6	Combination	Max	Top	397169.1797	4154.4031	2149.7852	62938.9254
1F RF	UDCon6	Combination	Max	Bottom	419035.9575	4158.4764	2151.6386	62973.2835
1F RF	UDCon6	Combination	Min	Top	396509.9082	-3992.7384	-2138.1843	-62231.0237
1F RF	UDCon6	Combination	Min	Bottom	418376.6861	-3996.6453	-2140.4457	-62285.1966
1F RF	UDCon7	Combination	Max	Top	394070.1246	4133.9164	2038.9647	61536.8081
1F RF	UDCon7	Combination	Max	Bottom	415926.7581	4140.0598	2041.1967	61593.2774
1F RF	UDCon7	Combination	Min	Top	393438.8292	-4538.1632	-2290.5639	-60905.1143
1F RF	UDCon7	Combination	Min	Bottom	415295.4627	-4541.9761	-2292.3903	-60930.8472
1F RF	UDCon8	Combination	Max	Top	394072.4939	4113.8748	2182.0633	61811.1453
1F RF	UDCon8	Combination	Max	Bottom	415929.1273	4117.6878	2183.8897	61836.8782
1F RF	UDCon8	Combination	Min	Top	393441.1984	-4558.2047	-2147.4653	-60630.7772
1F RF	UDCon8	Combination	Min	Bottom	415297.8319	-4564.3482	-2149.6973	-60687.2464
1F RF	UDCon9	Combination	Max	Top	394093.8516	3567.1798	2029.2451	63142.8291
1F RF	UDCon9	Combination	Max	Bottom	415950.4851	3571.0866	2031.5064	63197.002
1F RF	UDCon9	Combination	Min	Top	393434.5802	-4579.9618	-2258.7244	-62027.12
1F RF	UDCon9	Combination	Min	Bottom	415291.2137	-4584.035	-2260.5778	-62061.4781
1F RF	UDCon10	Combination	Max	Top	394076.7428	4155.6734	2150.2239	62933.151
1F RF	UDCon10	Combination	Max	Bottom	415933.3763	4159.7467	2152.0772	62967.5091
1F RF	UDCon10	Combination	Min	Top	393417.4714	-3991.4681	-2137.7456	-62236.7981
1F RF	UDCon10	Combination	Min	Bottom	415274.1049	-3995.375	-2140.007	-62290.971

Table 3.8 - Story Forces (Part 2 of 2)

MX kN-m	MY kN-m
58525.3171	-86688.5011
131957.5238	-186027.1362
8981.9192	-10665.3738
9063.7753	-11271.6163
32955.8061	-53579.5465
100412.1708	-144493.3699
26310.8576	-45782.356
93845.8284	-136676.6676
887.0014	-3203.1107
1147.5607	-4269.2699
1347.4723	804.4054
1949.2352	-174.4374
912.1978	3475.272

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

MX kN-m	MY kN-m
1163.7681	4508.6615
-979.6752	-3488.2536
-1269.9217	-4339.9441
964.3535	2968.5446
1247.9883	3611.3165
-840.5159	-3427.3525
-1100.1567	-4272.2941
159019.174	-251168.0448
440390.9561	-630716.1845
172492.0529	-267166.1056
453986.6191	-647623.609
121398.7544	-185774.7437
330098.4237	-466069.9972
119506.8813	-192738.2693
327664.7339	-474918.6027
121466.2317	-185761.7621
330204.5774	-466238.7145
119574.3587	-192725.2877
327770.8876	-475087.3201
121450.91	-186281.4711
330182.6439	-466967.3421
119646.0407	-192677.3682
327834.4989	-474850.9527
121327.0724	-185822.6632
330034.8124	-466306.3645
119522.203	-192218.5603
327686.6674	-474189.9751
118704.1786	-182575.1316
327379.2911	-462688.5123
116812.3055	-189538.6572
324945.6013	-471537.1178
118771.656	-182562.1499
327485.4448	-462857.2296
116879.7829	-189525.6755
325051.755	-471705.8352
118756.3342	-183081.859
327463.5113	-463585.8572
116951.4649	-189477.756
325115.3663	-471469.4678
118632.4966	-182623.0511
327315.6798	-462924.8796
116827.6273	-189018.9481
324967.5348	-470808.4902
183829.3994	-248853.0205
256922.4633	-352135.104

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

MX kN-m	MY kN-m
16862.3661	-20107.0954
17007.0534	-20893.0608
132363.0764	-183247.6125
199458.7003	-277654.8237
120020.2109	-168947.0574
187147.3911	-263202.1712
550.5244	-6364.0102
721.9766	-7639.4754
4033.0549	-507.4398
5713.1271	-1149.8955
1742.8557	6868.5946
2374.7461	8114.5669
-1945.399	-6417.0949
-2656.6923	-7500.7056
2107.9669	5426.7549
2856.8524	6268.1871
-2165.7717	-6288.8575
-2968.4895	-7382.6601
588887.127	-811414.382
868763.5488	-1205539
614180.6761	-841575.0251
894274.1288	-1236879
443014.2523	-600211.2244
651005.4167	-891145.4503
439325.9975	-613496.9139
645973.9784	-906760.7228
443216.7956	-600662.7242
651287.3629	-891759.3116
439528.5408	-613948.4136
646255.9246	-907374.584
443379.3634	-601653.0641
651487.5231	-892991.8301
439105.6248	-613368.6766
645662.1812	-906642.6773
443437.1682	-600790.9615
651599.1601	-891877.357
439163.4296	-612506.5739
645773.8182	-905528.2043
437955.5424	-594179.0957
645903.3007	-884877.5321
434267.2877	-607464.7852
640871.8624	-900492.8046
438158.0858	-594630.5955
646185.2469	-885491.3933
434469.831	-607916.285

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

MX kN-m	MY kN-m
641153.8086	-901106.6658
438320.6536	-595620.9354
646385.407	-886723.9118
434046.915	-607336.5479
640560.0652	-900374.7591
438378.4584	-594758.8328
646497.0441	-885609.4388
434104.7198	-606474.4453
640671.7022	-899260.2861
301067.5535	-402431.5415
374381.9939	-505945.6576
24559.0799	-29402.5713
24712.8334	-30188.1699
224738.1853	-305590.7344
291993.4061	-400187.325
206823.567	-284846.1765
274102.6963	-379290.7062
77.7099	-9541.2476
199.2284	-11349.4316
8238.6034	-978.3726
10806.7308	-1705.2194
3445.5012	10039.7529
4439.8182	11814.1352
-3656.6213	-9418.3941
-4707.9156	-11002.0943
4115.3984	7787.0865
5289.9075	9031.0099
-4094.7946	-9280.8775
-5318.214	-10866.685
989049.5629	-1340372
1269645.4299	-1735322
1025888.1827	-1384476
1306714.68	-1780604
743442.531	-991649.4708
952331.7644	-1282666
736340.4085	-1011108
943184.0306	-1305482
743653.6511	-992270.8296
952599.8618	-1283478
736551.5287	-1011729
943452.128	-1306294
744112.4283	-993902.1373
953181.8538	-1285449
735902.2352	-1010970
942573.7322	-1305347

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

MX kN-m	MY kN-m
744091.8244	-992408.3462
953210.1602	-1283613
735881.6314	-1009476
942602.0387	-1303511
736074.807	-982828.6994
944917.9144	-1273610
728972.6846	-1002287
935770.1806	-1296426
736285.9272	-983450.0582
945186.0118	-1274422
729183.8047	-1002908
936038.278	-1297238
736744.7043	-985081.3659
945768.0038	-1276393
728534.5113	-1002149
935159.8822	-1296290
736724.1005	-983587.5748
945796.3102	-1274557
728513.9074	-1000656
935188.1887	-1294455
419642.1934	-560674.0455
493052.921	-664112.3225
32297.1624	-38781.3116
32461.135	-39556.2413
317955.8302	-431474.644
385282.6823	-526012.7777
294439.6266	-404214.8941
361782.1672	-498608.3307
-565.3046	-13812.428
-522.321	-16060.3918
13699.3953	-1258.2704
17120.7738	-2083.0101
5682.9446	14310.6374
7036.6364	16527.4043
-5857.3405	-13493.5912
-7248.5842	-15503.7759
6766.2657	11038.5298
8351.6567	12630.1191
-6638.4053	-13304.7165
-8257.9575	-15312.2336
1393250.8278	-1885091
1674158.9902	-2279790
1441696.5713	-1943263
1722850.6927	-2339124
1047409.7435	-1393687

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

MX kN-m	MY kN-m
1256892.7475	-1684073
1035869.4585	-1421492
1242607.5268	-1716104
1047584.1394	-1394504
1257104.6952	-1685097
1036043.8544	-1422309
1242819.4746	-1717128
1048493.0646	-1396959
1258207.7677	-1687970
1035088.3936	-1421303
1241598.1536	-1715913
1048365.2042	-1394693
1258114.0685	-1685288
1034960.5332	-1419037
1241504.4543	-1713230
1037720.5948	-1382053
1247154.407	-1672206
1026180.3098	-1409857
1232869.1863	-1704237
1037894.9907	-1382870
1247366.3548	-1673230
1026354.7057	-1410674
1233081.1341	-1705261
1038803.9159	-1385325
1248469.4272	-1676103
1025399.2449	-1409668
1231859.8131	-1704046
1038676.0555	-1383059
1248375.728	-1673421
1025271.3845	-1407402
1231766.1138	-1701364
539361.8363	-721042.4785
612904.2372	-824433.2944
40140.5732	-48306.1548
40313.712	-49072.7385
411928.5875	-558851.0437
479353.8992	-653357.4915
382736.0088	-524976.8324
450170.2257	-619344.0393
-1299.7773	-19055.211
-1323.3274	-21726.2035
20313.8701	-1510.1553
24507.9289	-2429.904
8431.1373	19542.5472
10129.5436	22187.8621

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

MX kN-m	MY kN-m
-8521.8774	-18539.0816
-10231.2142	-20978.4028
10001.9626	15077.408
11965.8619	17022.3691
-9744.6971	-18286.3462
-11722.9782	-20720.1848
1800935.6839	-2436575
2082278.289	-2831132
1861146.5437	-2509034
2142748.857	-2904741
1354499.7418	-1799820
1564652.0195	-2089669
1337546.7271	-1837901
1544291.2616	-2132835
1354590.4818	-1800823
1564753.6901	-2090878
1337637.4671	-1838905
1544392.9322	-2134045
1356070.5671	-1804285
1566488.3378	-2094834
1336323.9074	-1837649
1542799.4976	-2132577
1355813.3016	-1801076
1566245.4541	-2091136
1336066.6418	-1834440
1542556.6139	-2128879
1342457.5699	-1785328
1552557.9059	-2074947
1325504.5551	-1823409
1532197.148	-2118113
1342548.3099	-1786331
1552659.5765	-2076156
1325595.2952	-1824413
1532298.8186	-2119323
1344028.3951	-1789793
1554394.2242	-2080112
1324281.7354	-1823157
1530705.384	-2117855
1343771.1296	-1786584
1554151.3405	-2076415
1324024.4699	-1819948
1530462.5003	-2114157
659662.642	-882619.2321
733392.5709	-985957.0992
48038.0083	-57945.8205

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

MX kN-m	MY kN-m
48224.1986	-58703.336
506251.5116	-686968.438
573819.3148	-781443.5335
471344.9124	-646404.0627
538912.4372	-740745.7937
-2093.3206	-25287.9163
-2175.8428	-28352.9756
27971.913	-1721.3346
32870.5542	-2740.8357
11672.9036	25755.6387
13705.1448	28804.4905
-11805.5576	-24606.5502
-13855.43	-27465.3568
13780.8255	19952.8223
16096.5875	22247.7026
-13489.1298	-24283.9579
-15791.2313	-27135.7114
2210299.7391	-2991589
2492267.8359	-3385998
2282356.7515	-3078508
2564604.1339	-3474053
1663343.3721	-2207620
1874296.7273	-2496953
1639864.9109	-2257982
1846736.1525	-2553223
1663476.0261	-2208769
1874447.0125	-2498292
1639997.5649	-2259131
1846886.4377	-2554562
1665451.294	-2213423
1876688.17	-2503510
1638181.3387	-2257659
1844800.3512	-2552893
1665159.5983	-2209092
1876382.8138	-2498622
1637889.6429	-2253328
1844494.995	-2548005
1648931.9696	-2190236
1859829.4678	-2479342
1625453.5084	-2240598
1832268.8929	-2535612
1649064.6236	-2191385
1859979.7529	-2480681
1625586.1624	-2241747
1832419.1781	-2536951

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

MX kN-m	MY kN-m
1651039.8916	-2196039
1862220.9104	-2485899
1623769.9362	-2240276
1830333.0916	-2535282
1650748.1958	-2191708
1861915.5542	-2481011
1623478.2405	-2235945
1830027.7354	-2530394
780300.6455	-1044995
854301.4916	-1148287
55966.8735	-67658.7133
56170.0348	-68407.5894
600794.1024	-815623.5563
668571.8823	-910074.053
560151.6005	-768321.402
627917.3528	-862644.014
-2932.4694	-32441.2728
-3065.0514	-35872.9959
36587.0539	-1863.8631
42121.9956	-2985.4482
15400.4605	32890.0018
17754.5703	36317.201
-15758.5358	-31668.3408
-18107.8519	-34938.0281
18074.2851	25647.6352
20714.6388	28288.885
-17735.9313	-31275.9317
-20348.3977	-34538.0862
2620682.5703	-3549069
2903567.4809	-3943357
2704632.8806	-3650557
2987822.5331	-4045969
1973436.871	-2616348
2185396.3074	-2905210
1942277.8747	-2680906
2149533.8852	-2976466
1973794.9462	-2617570
2185749.5889	-2906590
1942635.9499	-2682128
2149887.1667	-2977845
1976110.6956	-2623590
2188356.3758	-2913239
1940300.4792	-2680514
2147293.3393	-2976066
1975772.3417	-2617962

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

MX kN-m	MY kN-m
2187990.1347	-2906990
1939962.1253	-2674886
2146927.0983	-2969817
1956646.8089	-2596050
2168545.297	-2884688
1925487.8126	-2660609
2132682.8747	-2955943
1957004.8842	-2597272
2168898.5785	-2886067
1925845.8879	-2661830
2133036.1563	-2957323
1959320.6335	-2603293
2171505.3654	-2892717
1923510.4171	-2660216
2130442.3289	-2955543
1958982.2797	-2597664
2171139.1243	-2886467
1923172.0633	-2654588
2130076.0879	-2949294
901134.1154	-1208019
975525.055	-1311287
63909.8035	-77418.633
64136.3218	-78160.1921
695477.366	-944754.5542
763561.5556	-1039199
649089.0474	-890683.0201
717145.0673	-985003.6052
-3809.6406	-40452.5434
-3984.5955	-44218.059
46030.6857	-1945.8826
52148.7028	-3188.4785
19578.9842	40903.6862
22252.1604	44678.268
-20111.243	-39710.4808
-22735.8803	-43376.117
22823.9894	32160.3091
25772.7072	35139.4508
-22404.3285	-39253.9261
-25303.172	-42911.1337
3031695.7139	-4108666
3315912.7652	-4502910
3127560.4191	-4224794
3412117.2479	-4620150
2284452.454	-3025778
2497724.7349	-3314259

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

MX kN-m	MY kN-m
2244762.2268	-3106392
2452736.6941	-3402313
2284984.7129	-3026971
2498208.4548	-3315561
2245294.4856	-3107585
2453220.414	-3403615
2287697.4592	-3034521
2501245.2816	-3323797
2242469.1413	-3105936
2450169.4024	-3401848
2287277.7984	-3027428
2500775.7465	-3316026
2242049.4805	-3098842
2449699.8672	-3394076
2265279.513	-3002552
2478483.8383	-3290811
2225589.2858	-3083167
2433495.7976	-3378865
2265811.7718	-3003746
2478967.5582	-3292113
2226121.5446	-3084360
2433979.5175	-3380167
2268524.5182	-3011296
2482004.3851	-3300349
2223296.2003	-3082710
2430928.5059	-3378400
2268104.8573	-3004202
2481534.8499	-3292578
2222876.5394	-3075616
2430458.9707	-3370628
1022126.3691	-1371931
1097085.4123	-1475227
71861.7399	-87226.8895
72120.6291	-87964.007
790286.7685	-1074607
858822.6088	-1169085
738146.7257	-1013733
806631.9788	-1108091
-4757.0287	-49227.6692
-4960.7801	-53294.3439
56210.0697	-1881.4336
62847.1984	-3260.348
24207.0103	49716.4123
27188.1613	53804.5436
-24846.6191	-48686.2651

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

MX kN-m	MY kN-m
-27717.5332	-52730.9546
28017.475	39460.0366
31248.4406	42764.2956
-27468.5193	-48175.8818
-30622.672	-52211.9789
3443255.8155	-4671366
3729429	-5065744
3551048.4254	-4802207
3837609.9436	-5197690
2596325.3956	-3436723
2811364.35	-3724988
2547271.7662	-3535126
2756458.6555	-3831523
2596965.0044	-3437753
2811893.7219	-3726061
2547911.375	-3536156
2756988.0274	-3832597
2600135.8604	-3446979
2815424.6293	-3736028
2544649.8661	-3534615
2753553.5167	-3831004
2599586.9046	-3438264
2814798.8607	-3726580
2544100.9103	-3525899
2752927.7481	-3821556
2574766.8736	-3410555
2789728.1613	-3698598
2525713.2443	-3508958
2734822.4668	-3805134
2575406.4824	-3411585
2790257.5332	-3699672
2526352.853	-3509988
2735351.8387	-3806207
2578577.3384	-3420811
2793788.4406	-3709639
2523091.3441	-3508447
2731917.328	-3804615
2578028.3826	-3412096
2793162.672	-3700191
2522542.3883	-3499731
2731291.5593	-3795167
1143071.3688	-1536552
1218848.1764	-1639964
79810.0325	-97071.4321
80114.2455	-97808.6781

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

MX kN-m	MY kN-m
885053.1375	-1205034
954243.8975	-1299618
827164.735	-1137334
896273.374	-1231795
-5793.8456	-58681.1427
-6019.0247	-63008.3118
66837.2108	-1646.5029
73979.6933	-3245.4977
29161.8862	59282.663
32471.2016	63644.8737
-29870.2893	-58573.9697
-32981.11	-62970.6278
33507.3327	47545.5582
37030.6841	51156.1736
-32794.0781	-58023.1724
-36202.5437	-62408.2143
3854640.4756	-5236543
4143643.3546	-5631360
3974355.5243	-5382150
4263814.7229	-5778073
2908394.1371	-3848759
3125870.9231	-4137075
2849361.9616	-3966616
3060418.6115	-4263691
2909102.5403	-3849468
3126380.8315	-4137749
2850070.3648	-3967325
3060928.5198	-4264365
2912739.5837	-3860496
3130430.4055	-4149564
2846438.1728	-3966065
3057197.1778	-4263128
2912026.3291	-3850019
3129602.2652	-4138312
2845724.9182	-3955587
3056369.0374	-4251876
2884451.1273	-3819638
3101836.6495	-4107733
2825418.9519	-3937494
3036384.3379	-4234348
2885159.5305	-3820346
3102346.5578	-4108407
2826127.355	-3938203
3036894.2462	-4235022
2888796.5739	-3831375

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

MX kN-m	MY kN-m
3106396.1319	-4120221
2822495.1631	-3936944
3033162.9041	-4233786
2888083.3193	-3820897
3105567.9915	-4108969
2821781.9085	-3926466
3032334.7638	-4222534
1263558.5131	-1702336
1340515.7088	-1806027
87731.4287	-106969.0323
88099.066	-107714.2596
979439.2353	-1336434
1049580.8618	-1431256
915824.1051	-1261874
985839.3235	-1356564
-7067.7678	-68653.3101
-7279.7951	-73227.3759
77773.46	-829.0242
85354.9763	-2693.7078
34446.0826	69464.0268
38078.5	74081.1124
-35201.2799	-69277.9885
-38517.4777	-74024.3971
39315.4086	56343.5424
43094.3733	60253.6689
-38379.0982	-68704.2108
-42004.6278	-73440.6556
4264409.5021	-5805869
4557513.457	-6201692
4396006.6452	-5966322
4689662.0561	-6363264
3219587.3646	-4263270
3440444.114	-4552079
3149940.0021	-4402012
3363848.1362	-4700185
3220342.562	-4263456
3440883.0916	-4552136
3150695.1995	-4402198
3364287.1139	-4700242
3224456.6907	-4276391
3445459.9872	-4565907
3146762.1839	-4401438
3360360.9861	-4699601
3223520.3802	-4264030
3444370.2417	-4552720

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

MX kN-m	MY kN-m
3145825.8734	-4389078
3359271.2406	-4686414
3193267.936	-4231179
3414014.3941	-4519765
3123620.5735	-4369921
3337418.4164	-4667871
3194023.1334	-4231365
3414453.3718	-4519822
3124375.7708	-4370107
3337857.3941	-4667927
3198137.262	-4244300
3419030.2674	-4533593
3120442.7553	-4369348
3333931.2663	-4667287
3197200.9516	-4231939
3417940.5219	-4520406
3119506.4448	-4356987
3332841.5208	-4654100
1382973.8904	-1868719
1461351.0884	-1972818
95587.4418	-116891.4675
96027.842	-117648.3399
1072934.7775	-1468337
1144225.1742	-1563501
1003644.8716	-1386905
1074757.8587	-1481923
-8625.2772	-79013.3088
-8772.3071	-83814.3384
88308.9719	626.1549
96413.291	-1754.541
39766.8278	80194.6359
43807.678	85055.2883
-40629.3221	-80751.7951
-44143.9735	-85837.2646
45033.1169	65844.2961
49140.8163	70051.134
-43884.7437	-80162.5072
-47767.8895	-85233.7778
4670397.2782	-6377346
4968451.0637	-6774627
4813778.4409	-6552683
5112492.8268	-6951100
3527996.5997	-4678833
3752950.1519	-4968481
3447600.4498	-4839779

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

MX kN-m	MY kN-m
3664998.5004	-5139374
3528859.0941	-4678276
3753286.4473	-4967700
3448462.9442	-4839222
3665334.7959	-5138592
3533262.8888	-4693183
3758283.2902	-4983486
3444345.0283	-4839190
3661374.5844	-5138771
3532114.5157	-4678865
3756910.3634	-4968303
3443196.6551	-4824872
3660001.6576	-5123588
3499320.3672	-4643766
3724141.7993	-4933187
3418924.2173	-4804712
3636190.1478	-5104080
3500182.8616	-4643208
3724478.0947	-4932405
3419786.7117	-4804155
3636526.4433	-5103298
3504586.6563	-4658116
3729474.9376	-4948191
3415668.7957	-4804123
3632566.2317	-5103476
3503438.2831	-4643798
3728102.0108	-4933009
3414520.4226	-4789804
3631193.305	-5088293
1495546.1402	-2029512
1575960.0001	-2134403
103118.9739	-126559.6024
103645.7567	-127346.727
1160774.9215	-1595691
1233739.3929	-1691503
1086041.72	-1507576
1158769.7714	-1603211
-11977.8426	-87999.5036
-11677.5681	-93016.2567
97862.8845	5279.1371
106377.2541	2505.278
44883.9633	89514.0647
49254.7603	94590.9335
-46978.5839	-91072.3899
-50407.4189	-96476.5886

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

MX kN-m	MY kN-m
50665.8213	74675.1353
54961.5748	79113.2412
-49512.121	-90579.9021
-53483.7827	-95993.9156
5052189.7553	-6929251
5357433.3719	-7329308
5206868.2161	-7119090
5512902.0069	-7520328
3818182.4371	-5081232
4048817.6517	-5372730
3726319.89	-5261819
3949155.4725	-5563797
3820277.0577	-5079674
4049970.3103	-5370844
3728414.5106	-5260260
3950308.1311	-5561912
3823964.2951	-5096071
4054524.4661	-5388208
3723786.3529	-5261326
3946079.1087	-5563315
3822810.5948	-5080167
4053046.6741	-5371327
3722632.6526	-5245422
3944601.3166	-5546434
3787246.745	-5043264
4017723.9247	-5334526
3695384.1978	-5223851
3918061.7455	-5525593
3789341.3656	-5041706
4018876.5833	-5332640
3697478.8184	-5222293
3919214.4041	-5523708
3793028.603	-5058103
4023430.7392	-5350004
3692850.6607	-5223358
3914985.3817	-5525111
3791874.9026	-5042199
4021952.9471	-5333123
3691696.9604	-5207454
3913507.5896	-5508230
1613717.4697	-2202799
1692966.2228	-2308361
110745.3554	-136636.3709
111223.277	-137448.201
1253478.4902	-1733754

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

MX kN-m	MY kN-m
1325445.5343	-1830094
1173256.4131	-1638696
1245022.1777	-1734830
-11444.1719	-101590.8289
-11477.8013	-107096.2558
109772.1693	6286.7562
117931.9029	2874.6543
51443.9197	104007.3194
55788.0466	109597.0223
-51943.8036	-106899.0241
-55490.2141	-112973.4204
57123.1493	88010.1107
61305.7882	93022.3303
-55325.0285	-106258.7678
-59220.542	-112360.1594
5454610.7035	-7526585
5755635.812	-7928934
5620728.7367	-7731540
5922470.7275	-8135106
4125119.8993	-5512232
4352588.9646	-5804922
4021732.1761	-5723138
4241310.7039	-6027492
4125619.7832	-5509340
4352291.132	-5801545
4022232.0599	-5720246
4241012.8713	-6024116
4130799.1289	-5528229
4358106.7061	-5821497
4018350.9511	-5722498
4237580.376	-6026879
4129001.0081	-5509980
4356021.4599	-5802159
4016552.8303	-5704249
4235495.1297	-6007541
4091896.2927	-5471241
4319221.9814	-5763687
3988508.5694	-5682147
4207943.7208	-5986258
4092396.1765	-5468349
4318924.1489	-5760311
3989008.4532	-5679256
4207645.8882	-5982881
4097575.5223	-5487238
4324739.723	-5780262

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

MX kN-m	MY kN-m
3985127.3445	-5681507
4204213.3929	-5985645
4095777.4014	-5468989
4322654.4768	-5760924
3983329.2237	-5663258
4202128.1466	-5966307
1716446.9143	-2370518
1827081.4422	-2519468
117062.1677	-145562.0572
118137.3472	-145909.4173
1333069.8321	-1867425
1434112.0422	-2008457
1248255.1694	-1766291
1348670.5156	-1907455
-9333.7418	-130489.3122
-8172.0894	-134507.4402
134917.1069	-8758.8277
144090.3991	-9459.0944
65679.4268	132988.9872
70607.0601	137573.1764
-62503.5862	-137720.8461
-67295.5351	-142478.043
72746.1714	112978.763
77405.0511	117131.7522
-69263.628	-136952.1522
-73929.7256	-141731.5076
5801992.0864	-8105716
6223316.4001	-8687762
5977585.3379	-8324059
6400522.4208	-8906627
4398569.993	-5914914
4715912.2643	-6341579
4270386.98	-6185624
4578009.6691	-6621630
4395394.1524	-5910182
4712600.7393	-6336674
4267211.1394	-6180892
4574698.1442	-6616726
4405636.7375	-5934924
4722710.2553	-6362021
4263626.9382	-6184855
4571375.4786	-6620884
4402154.1941	-5910951
4719234.9298	-6337421
4260144.3948	-6160881

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

MX kN-m	MY kN-m
4567900.1531	-6596284
4363451.3427	-5871245
4680471.0601	-6297806
4235268.3297	-6141955
4542568.4649	-6577858
4360275.5021	-5866513
4677159.5352	-6292902
4232092.489	-6137223
4539256.94	-6572953
4370518.0872	-5891255
4687269.0512	-6318248
4228508.2879	-6141186
4535934.2745	-6577111
4367035.5438	-5867282
4683793.7257	-6293648
4225025.7445	-6117213
4532458.949	-6552511
1855546.1589	-2548333
1958880.6587	-2672211
125922.9121	-155058.7844
126163.8544	-155722.5588
1446969.739	-2017157
1543909.4322	-2132190
1355723.5757	-1909369
1452633.5693	-2024302
-4769.4158	-137397.561
-4904.3265	-149132.6102
135198.0826	-4088.2004
148313.074	-3570.4376
64998.7941	141042.5523
72776.4719	154241.8207
-62468.2894	-146657.6749
-69578.0317	-161805.0327
70295.7593	121053.0345
77741.7932	134287.1146
-67695.6652	-146087.8478
-74706.8461	-161301.142
6288623.2894	-8741059
6689821.9411	-9218750
6477507.6576	-8973648
6879067.7227	-9452333
4761015.1414	-6380334
5066049.2884	-6721178
4633548.0579	-6668034
4923694.7847	-7037225

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

MX kN-m	MY kN-m
4758484.6366	-6374719
5062850.8482	-6713615
4631017.5531	-6662419
4920496.3445	-7029662
4766312.1065	-6400323
5071014.6096	-6741133
4628320.6821	-6667464
4918565.9703	-7036721
4763712.0125	-6375289
5067979.6625	-6714119
4625720.588	-6642429
4915531.0232	-7009707
4723238.2678	-6333816
5028200.132	-6674462
4595771.1843	-6621516
4885845.6284	-6990508
4720707.763	-6328201
5025001.6918	-6666898
4593240.6795	-6615901
4882647.1882	-6982945
4728535.2329	-6353806
5033165.4533	-6694416
4590543.8085	-6620947
4880716.814	-6990005
4725935.1388	-6328771
5030130.5062	-6667402
4587943.7144	-6595912
4877681.8669	-6962991

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	255.9855	1.326	192981.444	55.8761	0.532	104966.615
15	Earthquake+x	LinStatic	Step By Step	367.7446	1.356	271278.021	48.9863	0.534	91693.002
14	Earthquake+x	LinStatic	Step By Step	519.7282	1.384	375491.037	34.7196	0.534	0
13	Earthquake+x	LinStatic	Step By Step	645.1579	1.412	456981.579	12.281	0.534	0
12F RF	Earthquake+x	LinStatic	Step By Step	765.8015	1.436	533305.04	6.7286	0.531	0
11F RF	Earthquake+x	LinStatic	Step By Step	878.1703	1.454	603779.032	23.5778	0.526	0
10F RF	Earthquake+x	LinStatic	Step By Step	982.7096	1.465	670803.948	37.8806	0.518	0
9F RF	Earthquake+x	LinStatic	Step By Step	1077.8572	1.466	735380.764	49.9871	0.507	0
8F RF	Earthquake+x	LinStatic	Step By Step	1163.6809	1.454	800182.17	58.2147	0.491	0
7F RF	Earthquake+x	LinStatic	Step By Step	1237.8862	1.43	865894.576	64.3369	0.472	0
6F RF	Earthquake+x	LinStatic	Step By Step	1308.2063	1.388	942613.565	60.5792	0.449	0
5F RF	Earthquake+x	LinStatic	Step By Step	1372.8314	1.331	1031328.019	42.0086	0.421	0
4F RF	Earthquake+x	LinStatic	Step By Step	1434.245	1.249	1148431.796	85.7927	0.387	0

Table 3.9 - Story Stiffness (continued)

Story	Output Case	Case Type	Step Type	Shear X kN	Drift X mm	Stiff X kN/m	Shear Y kN	Drift Y mm	Stiff Y kN/m
3F RF	Earthquake+x	LinStatic	Step By Step	1573.6443	1.154	1363594.755	9.6084	0.342	0
2F RF	Earthquake+x	LinStatic	Step By Step	1148.48	1.732	663045.122	331.9007	0.914	363056.427
1F RF	Earthquake+x	LinStatic	Step By Step	3353.0929	41.205	81375.631	38.5459	9.304	0
16	Earthquake+y	LinStatic	Step By Step	124.8351	0.238	523849.601	163.8087	1.325	123638.165
15	Earthquake+y	LinStatic	Step By Step	183.5588	0.212	867266.883	483.3466	1.336	361796.688
14	Earthquake+y	LinStatic	Step By Step	207.6705	0.208	997758.583	736.8549	1.345	547885.053
13	Earthquake+y	LinStatic	Step By Step	235.6399	0.207	1137981.712	980.4192	1.35	726344.093
12F RF	Earthquake+y	LinStatic	Step By Step	262.7854	0.205	1279039.792	1200.9633	1.35	889388.569
11F RF	Earthquake+y	LinStatic	Step By Step	291.286	0.204	1425215.651	1402.0508	1.346	1041925.687
10F RF	Earthquake+y	LinStatic	Step By Step	320.4529	0.204	1574174.876	1583.6292	1.335	1186297.205
9F RF	Earthquake+y	LinStatic	Step By Step	355.0274	0.204	1744145.539	1750.0005	1.317	1328357.923
8F RF	Earthquake+y	LinStatic	Step By Step	393.9755	0.204	1929623.62	1898.0963	1.293	1468488.185
7F RF	Earthquake+y	LinStatic	Step By Step	456.8556	0.206	2214694.671	2042.2614	1.26	1621454.082
6F RF	Earthquake+y	LinStatic	Step By Step	532.7667	0.207	2572733.594	2167.4779	1.247	1738731.08
5F RF	Earthquake+y	LinStatic	Step By Step	680.1988	0.205	3322992.431	2316.6284	1.178	1966993.394
4F RF	Earthquake+y	LinStatic	Step By Step	792.5312	0.198	4000928.149	2433.564	1.252	1943317.346
3F RF	Earthquake+y	LinStatic	Step By Step	974.8863	0.211	4623390.792	2332.0176	1.148	2031655.629
2F RF	Earthquake+y	LinStatic	Step By Step	200.0762	0.449	0	2621.3841	5.2	504148.142
1F RF	Earthquake+y	LinStatic	Step By Step	147.9322	8.853	0	3747.3621	45.769	81875.996

3.3 Modal Results

Table 3.10 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	3.582	0.279	1.7543	3.0775
Modal	2	2.778	0.36	2.2615	5.1144
Modal	3	2.39	0.418	2.6292	6.9126
Modal	4	0.542	1.845	11.5955	134.4557
Modal	5	0.467	2.143	13.4618	181.2204
Modal	6	0.21	4.769	29.9663	897.9804
Modal	7	0.137	7.314	45.9562	2111.9748
Modal	8	0.125	7.989	50.1993	2519.9695
Modal	9	0.125	8.009	50.3229	2532.3945
Modal	10	0.125	8.03	50.4549	2545.6934
Modal	11	0.124	8.057	50.6263	2563.0173
Modal	12	0.119	8.415	52.8717	2795.4207

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	3.582	0.097	0.3976	0	0.097	0.3976	0	0.0009	0.0004	0.3906
Modal	2	2.778	0.6523	0.247	0	0.7493	0.6446	0	0.0005	0.0017	0.0046
Modal	3	2.39	0.1441	0.2896	0	0.8933	0.9341	0	0.0019	0.0006	0.4449
Modal	4	0.542	0.0024	0.0016	0	0.8957	0.9357	0	0.4969	0.3957	0.0003
Modal	5	0.467	0.0015	0.001	0	0.8972	0.9368	0	0.4275	0.4529	0.0004

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	6	0.21	1.364E-06	0.0001	0	0.8972	0.9369	0	0.0001	0.0366	0.0001
Modal	7	0.137	2.091E-05	0	0	0.8973	0.9369	0	2.137E-05	0.0064	0
Modal	8	0.125	0	7.421E-06	0	0.8973	0.9369	0	0.0001	0	0
Modal	9	0.125	0	0.0001	0	0.8973	0.937	0	0.0009	0	5.638E-07
Modal	10	0.125	0	1.181E-05	0	0.8973	0.937	0	0.0001	0	5.152E-06
Modal	11	0.124	0	0.0001	0	0.8973	0.937	0	0.0005	0	1.71E-05
Modal	12	0.119	0	2.517E-05	0	0.8973	0.937	0	0.005	1.602E-05	0

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

SumRX	SumRY	SumRZ
0.0009	0.0004	0.3906
0.0013	0.0021	0.3952
0.0032	0.0027	0.8401
0.5002	0.3983	0.8404
0.9277	0.8513	0.8408
0.9278	0.8878	0.8408
0.9278	0.8942	0.8408
0.9278	0.8942	0.8408
0.9288	0.8942	0.8408
0.9289	0.8942	0.8408
0.9294	0.8942	0.8409
0.9343	0.8942	0.8409

Table 3.12 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	100	89.73
Modal	Acceleration	UY	100	93.7
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	3.582	0.109	0.426	0	0.465
Modal	2	2.778	0.731	0.263	0	0.006
Modal	3	2.39	0.161	0.31	0	0.528
Modal	4	0.542	0.448	0.536	0	0.016
Modal	5	0.467	0.515	0.462	0	0.023
Modal	6	0.21	0.045	0.002	0	0.953
Modal	7	0.137	0.985	0.002	0	0.012
Modal	8	0.125	0.007	0.99	0	0.003
Modal	9	0.125	0	0.998	0	0.002
Modal	10	0.125	0	0.996	0	0.004
Modal	11	0.124	0.005	0.987	0	0.008
Modal	12	0.119	0.001	0.99	0	0.009